

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035679.D
 Acq On : 16 May 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	209378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	366011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	188584	51.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.260%			
35) Dibromofluoromethane	5.379	113	126994	51.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	8.647	98	470209	51.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.079	95	193944	52.823	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	126783	46.462	ug/l	100
3) Chloromethane	1.294	50	135181	40.822	ug/l	100
4) Vinyl Chloride	1.374	62	130916	46.584	ug/l	98
5) Bromomethane	1.618	94	80619	52.968	ug/l	95
6) Chloroethane	1.691	64	81569	47.844	ug/l	98
7) Trichlorofluoromethane	1.886	101	199570	48.297	ug/l	97
8) Diethyl Ether	2.130	74	79365	49.883	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	118783	48.416	ug/l	95
10) Methyl Iodide	2.453	142	122235	55.708	ug/l	91
11) Tert butyl alcohol	3.020	59	144220	223.795	ug/l	# 85
12) 1,1-Dichloroethene	2.319	96	110677	47.467	ug/l	91
13) Acrolein	2.239	56	176441	230.684	ug/l	99
14) Allyl chloride	2.666	41	234272	46.899	ug/l	94
15) Acrylonitrile	3.069	53	346604	244.250	ug/l	97
16) Acetone	2.398	43	411905	262.375	ug/l	95
17) Carbon Disulfide	2.514	76	253465	45.042	ug/l	100
18) Methyl Acetate	2.703	43	287011	49.572	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	449033	48.395	ug/l	99
20) Methylene Chloride	2.788	84	131908	46.361	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	120761	47.265	ug/l	92
22) Diisopropyl ether	3.757	45	472501	48.311	ug/l	93
23) Vinyl Acetate	3.721	43	1712125	247.405	ug/l	98
24) 1,1-Dichloroethane	3.605	63	250339	47.859	ug/l	97
25) 2-Butanone	4.562	43	540113	248.529	ug/l	97
26) 2,2-Dichloropropane	4.471	77	219916	49.647	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	146918	47.834	ug/l	94
28) Bromochloromethane	4.891	49	121637	51.699	ug/l	94
29) Tetrahydrofuran	5.007	42	324960	237.899	ug/l	99
30) Chloroform	5.087	83	262295	48.935	ug/l	99
31) Cyclohexane	5.471	56	215267	46.646	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	229259	49.159	ug/l	99
36) 1,1-Dichloropropene	5.690	75	186466	47.858	ug/l	98
37) Ethyl Acetate	4.709	43	201240	49.519	ug/l	99
38) Carbon Tetrachloride	5.672	117	184794	50.068	ug/l	99
39) Methylcyclohexane	7.379	83	217984	47.529	ug/l	92
40) Benzene	6.038	78	527856	48.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	121606	50.399	ug/l	95
42) 1,2-Dichloroethane	6.080	62	232926	49.678	ug/l	97
43) Isopropyl Acetate	6.336	43	352668	49.766	ug/l	99
44) Trichloroethene	7.123	130	132808	48.054	ug/l	94
45) 1,2-Dichloropropane	7.428	63	144464	50.044	ug/l	99
46) Dibromomethane	7.580	93	98667	49.932	ug/l	95
47) Bromodichloromethane	7.818	83	197167	51.624	ug/l	95
48) Methyl methacrylate	7.690	41	174833	49.991	ug/l	96
49) 1,4-Dioxane	7.726	88	60544	843.033	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1034423	253.375	ug/l	98
52) Toluene	8.714	92	330187	47.990	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	219350	52.862	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	233212	52.457	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	136261	50.423	ug/l	99
56) Ethyl methacrylate	9.116	69	222059	50.742	ug/l	96
57) 1,3-Dichloropropane	9.305	76	241013	49.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	533706	239.731	ug/l	99
59) 2-Hexanone	9.427	43	791458	257.420	ug/l	99
60) Dibromochloromethane	9.519	129	137326	53.311	ug/l	99
61) 1,2-Dibromoethane	9.610	107	143950	50.559	ug/l	100
64) Tetrachloroethene	9.275	164	105289	47.512	ug/l	97
65) Chlorobenzene	10.079	112	351514	48.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	130973	51.551	ug/l	99
67) Ethyl Benzene	10.195	91	663007	49.062	ug/l	97
68) m/p-Xylenes	10.299	106	491942	98.485	ug/l	96
69) o-Xylene	10.640	106	241402	48.703	ug/l	94
70) Styrene	10.653	104	404090	50.584	ug/l	97
71) Bromoform	10.799	173	87282	52.213	ug/l #	100
73) Isopropylbenzene	10.963	105	644951	48.156	ug/l	98
74) N-amyl acetate	10.842	43	299623	47.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	208517	47.995	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	181753m	46.751	ug/l	
77) Bromobenzene	11.195	156	141330	46.493	ug/l	89
78) n-propylbenzene	11.305	91	773182	49.111	ug/l	98
79) 2-Chlorotoluene	11.366	91	470856	47.770	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	553205	48.599	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	61992	51.391	ug/l	90
82) 4-Chlorotoluene	11.451	91	549745	48.429	ug/l	97
83) tert-Butylbenzene	11.713	119	533848	48.248	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	553752	48.449	ug/l	97
85) sec-Butylbenzene	11.890	105	678457	48.836	ug/l	98
86) p-Isopropyltoluene	12.006	119	567661	49.702	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	277300	48.020	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	281548	48.283	ug/l	98
89) n-Butylbenzene	12.329	91	524151	50.449	ug/l	98
90) Hexachloroethane	12.536	117	88237	50.971	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	274921	48.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48168	49.789	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	173435	50.936	ug/l	98
94) Hexachlorobutadiene	13.725	225	67417	49.884	ug/l	99
95) Naphthalene	13.774	128	578808	49.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167833	50.119	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

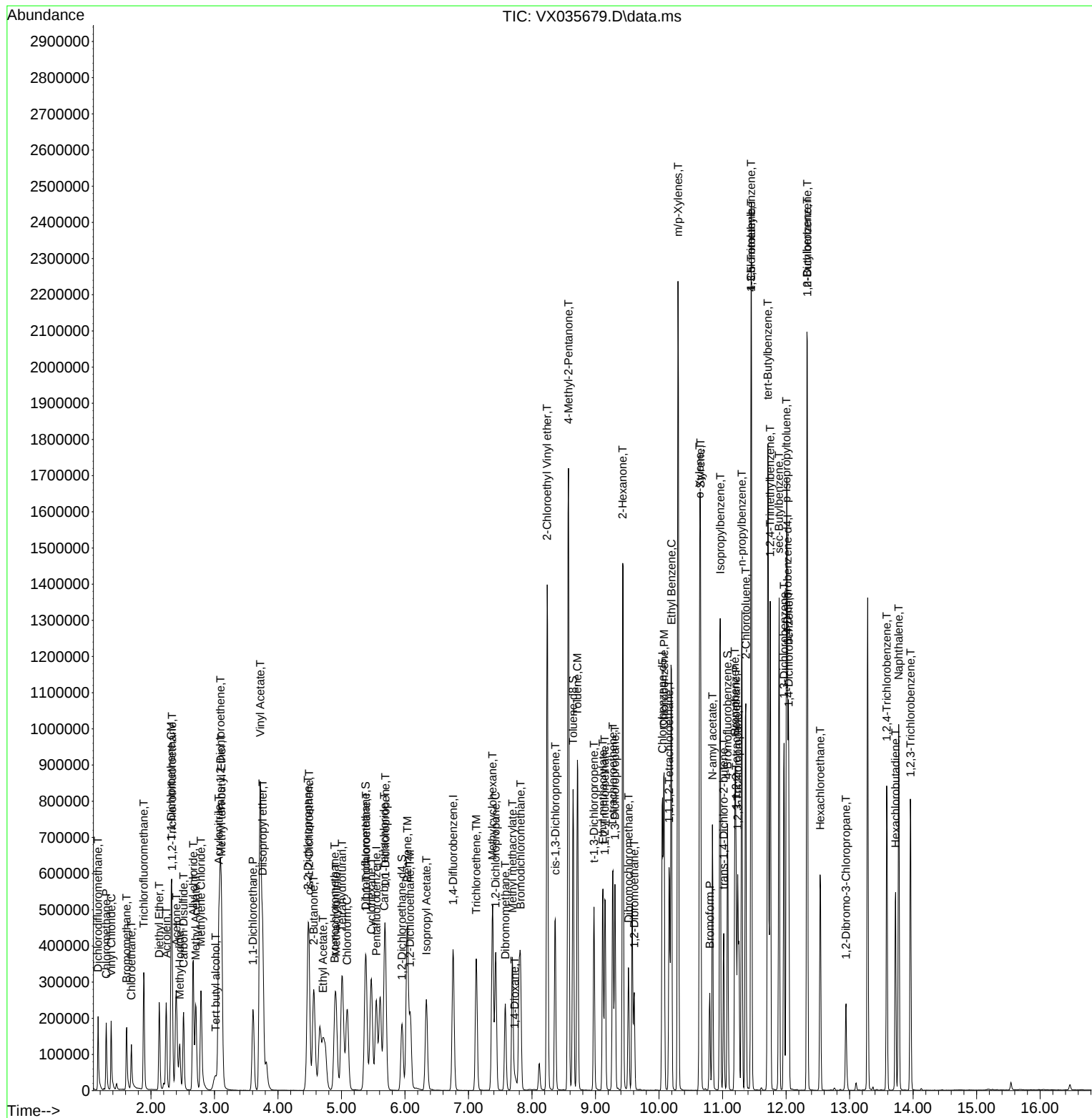
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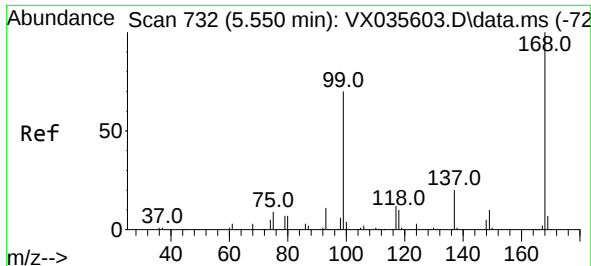
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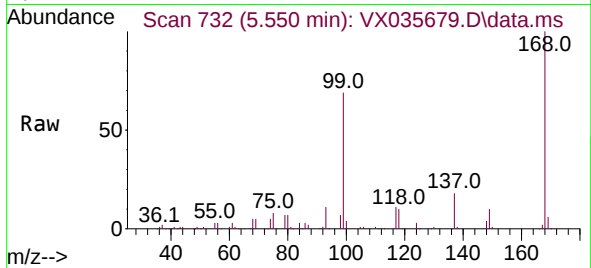
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035679.D
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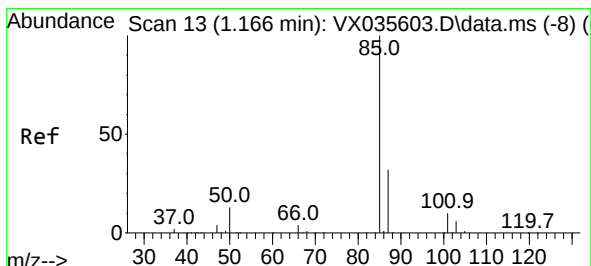
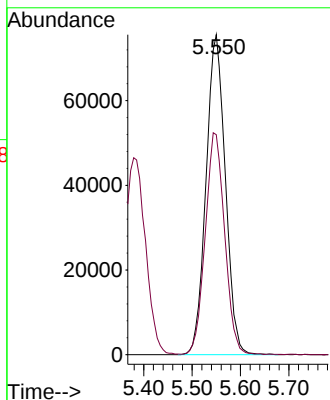
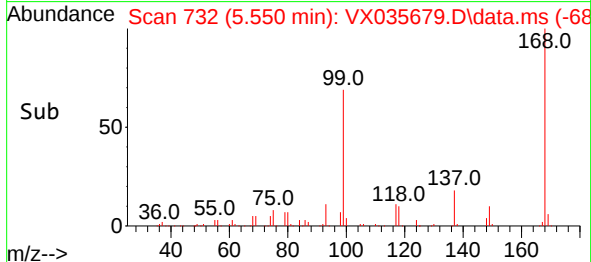
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Tgt Ion:168 Resp: 209378
Ion Ratio Lower Upper
168 100
99 68.7 45.7 68.5

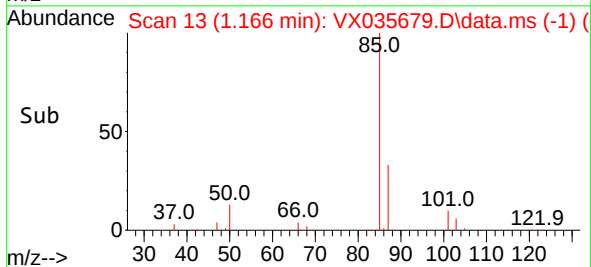
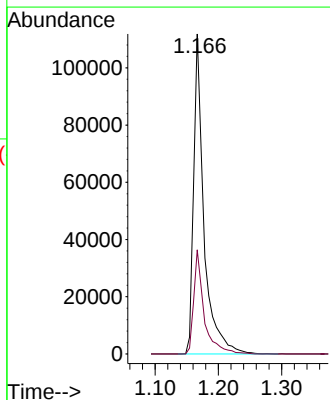
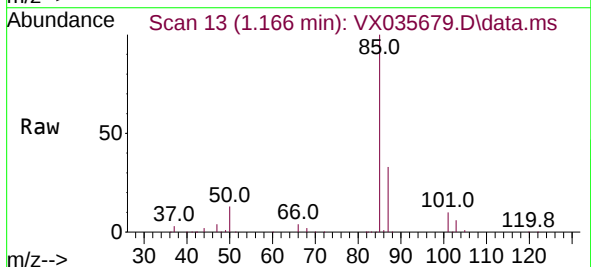
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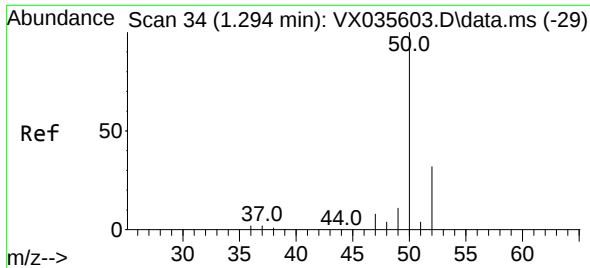
Reviewed By :John Carlone 05/17/2023
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#2
Dichlorodifluoromethane
Concen: 46.462 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

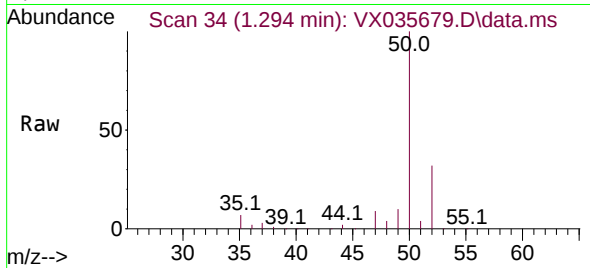
Tgt Ion: 85 Resp: 126783
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





#3
Chloromethane
Concen: 40.822 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

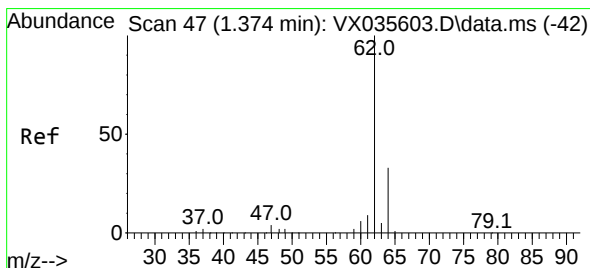
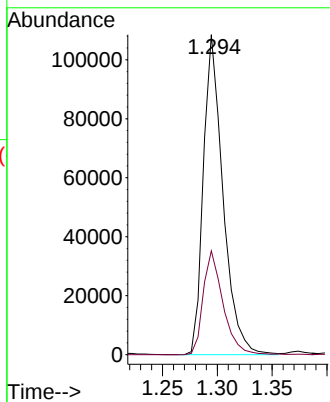
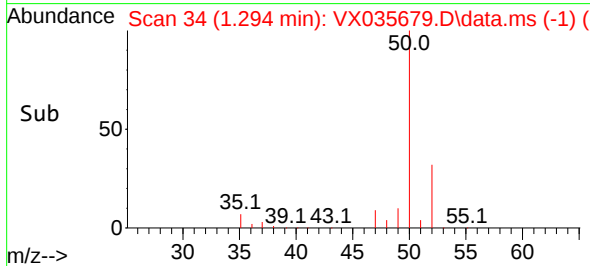
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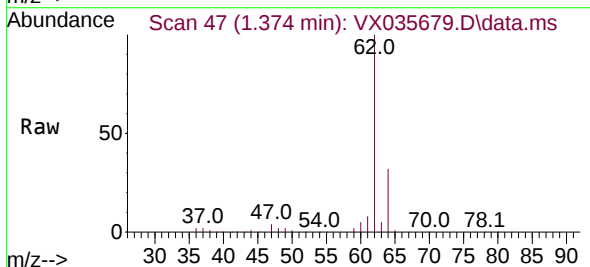
Tgt Ion: 50 Resp: 13518
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

Manual Integrations
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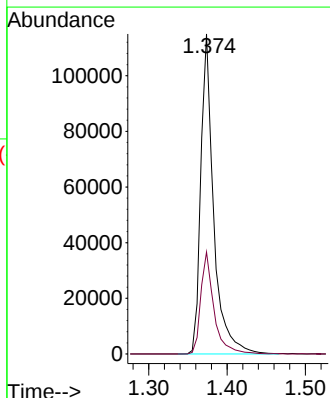
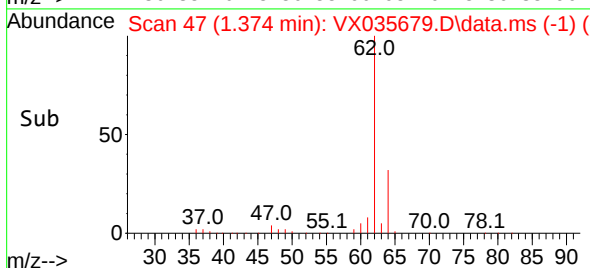
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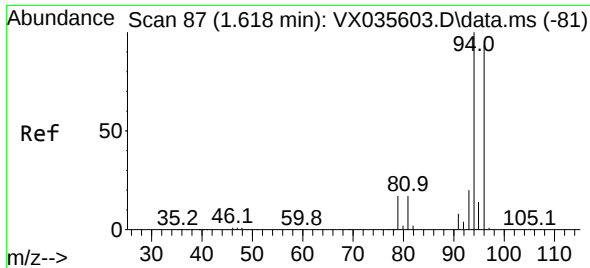


#4
Vinyl Chloride
Concen: 46.584 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



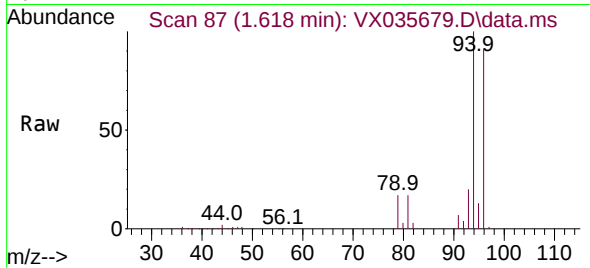
Tgt Ion: 62 Resp: 130916
Ion Ratio Lower Upper
62 100
64 31.8 26.4 39.6





#5
 Bromomethane
 Concen: 52.968 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05

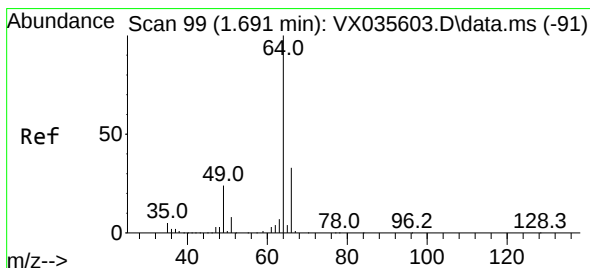
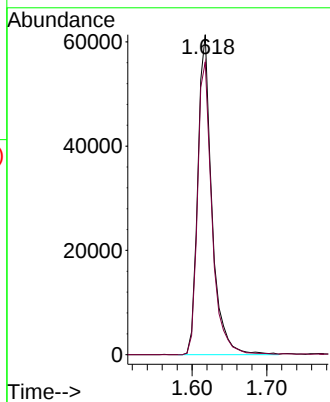
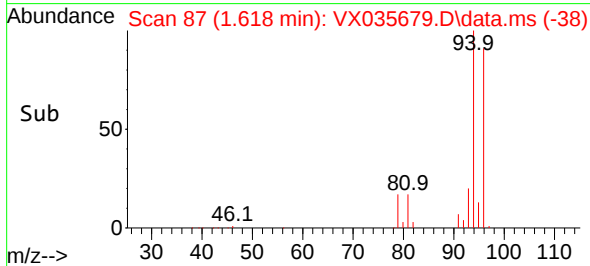
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Tgt Ion: 94 Resp: 80619
 Ion Ratio Lower Upper
 94 100
 96 91.5 77.0 115.6

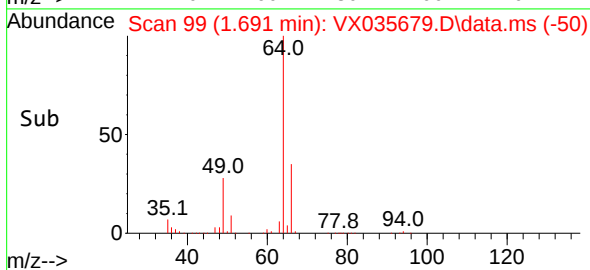
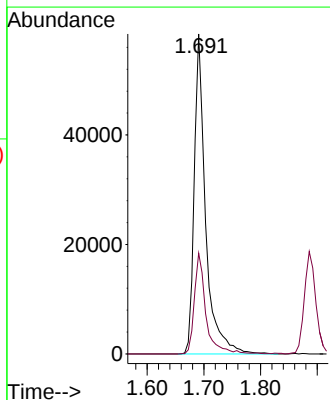
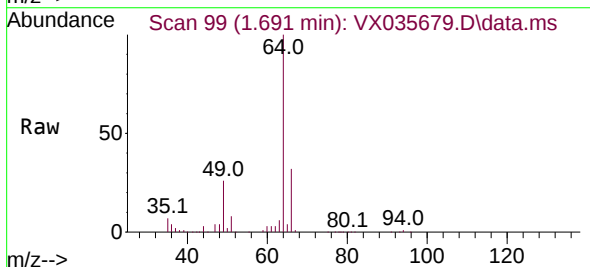
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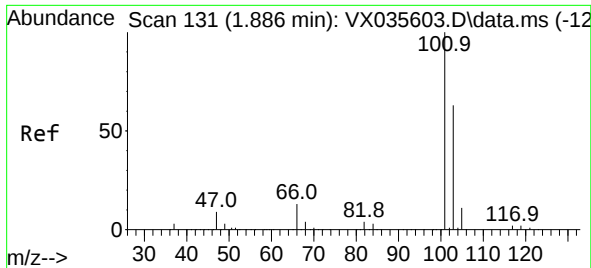
Reviewed By :John Carlone 05/17/2023
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#6
 Chloroethane
 Concen: 47.844 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05

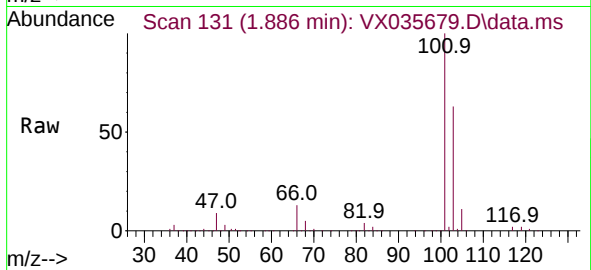
Tgt Ion: 64 Resp: 81569
 Ion Ratio Lower Upper
 64 100
 66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.297 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

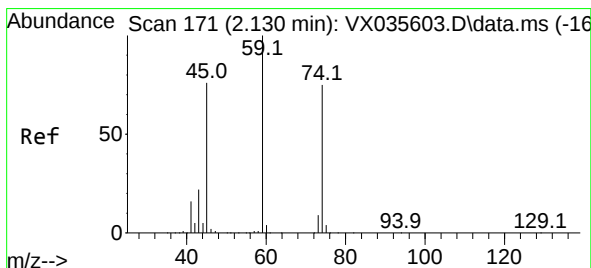
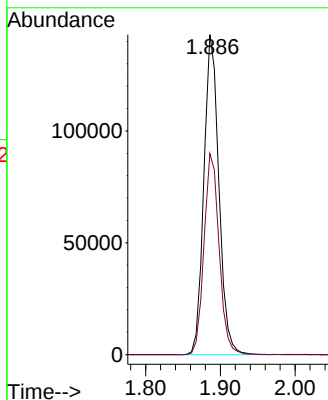
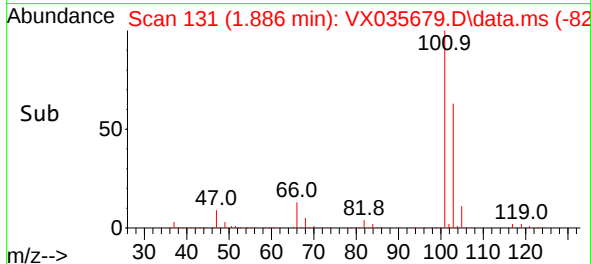
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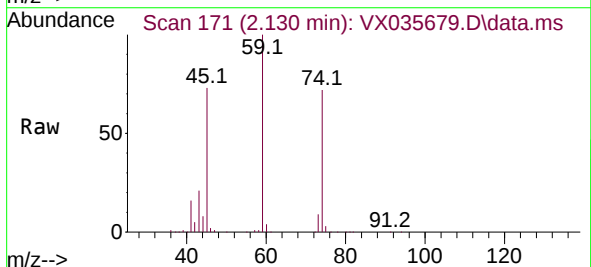
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Ion Ratio Lower Upper
101 100
103 62.8 52.0 78.0

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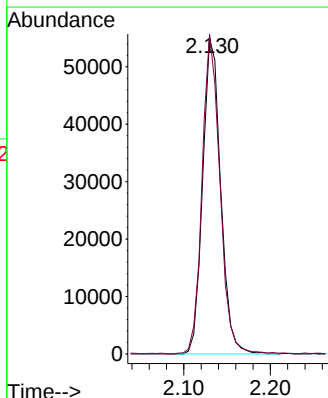
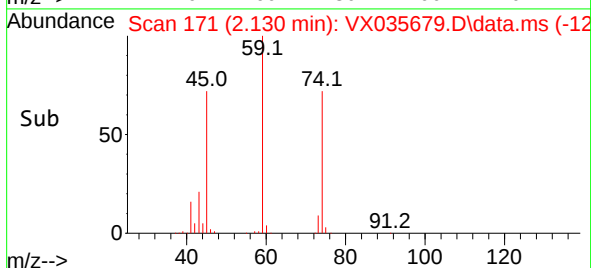
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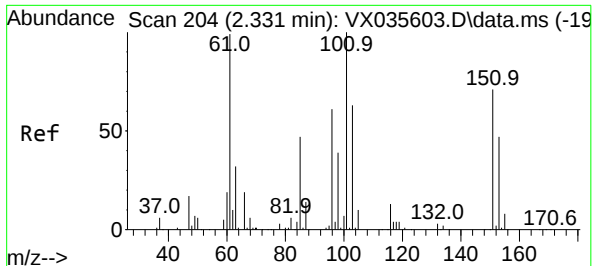


#8
Diethyl Ether
Concen: 49.883 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion: 74 Resp: 79365
Ion Ratio Lower Upper
74 100
45 100.8 49.8 149.3





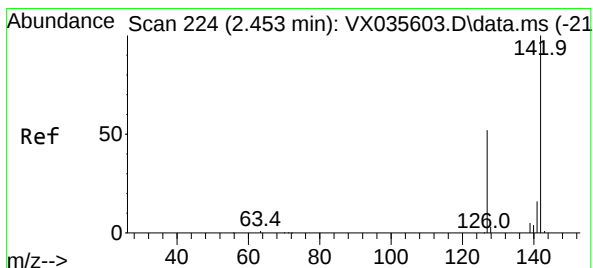
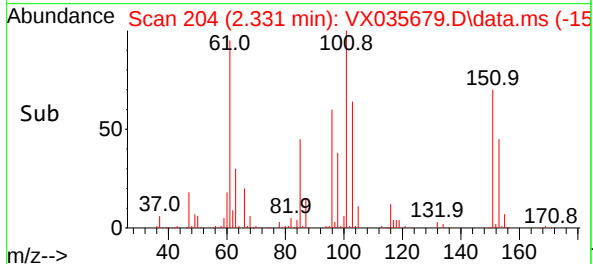
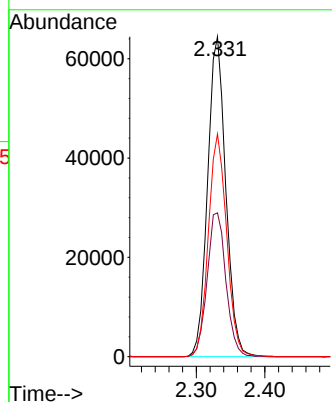
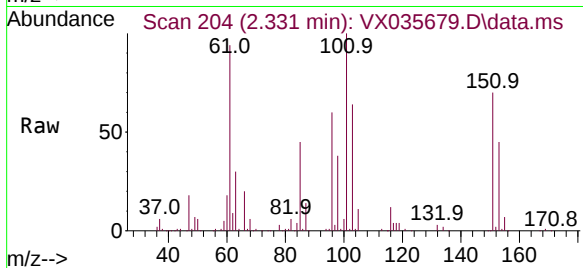
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.416 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11878
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.2
151 70.1 60.2 90.4

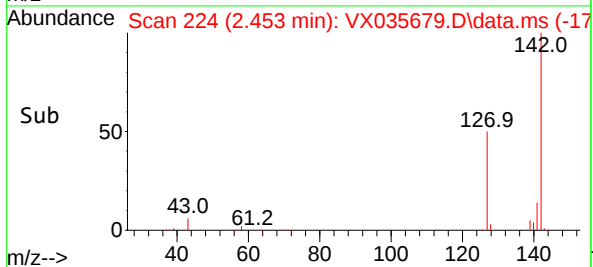
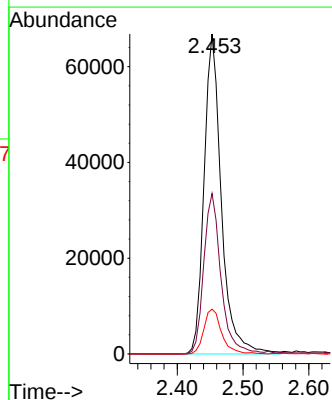
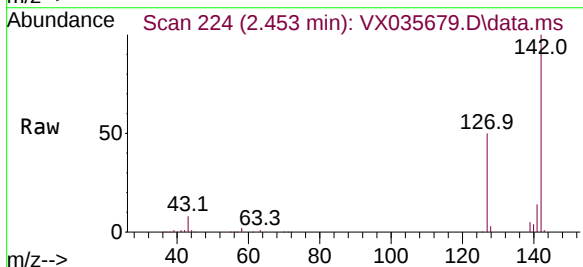
Manual Integrations
APPROVED

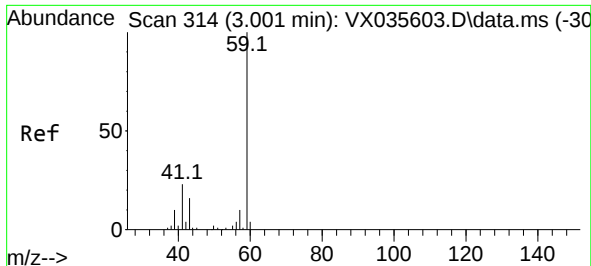
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 55.708 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion:142 Resp: 122235
Ion Ratio Lower Upper
142 100
127 49.9 34.0 51.0
141 14.5 11.1 16.7





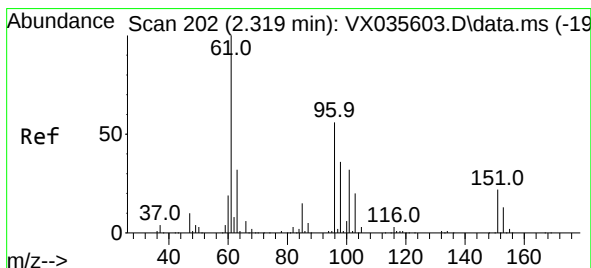
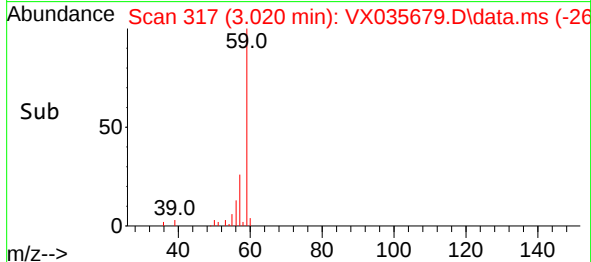
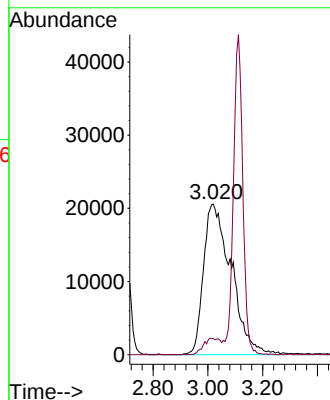
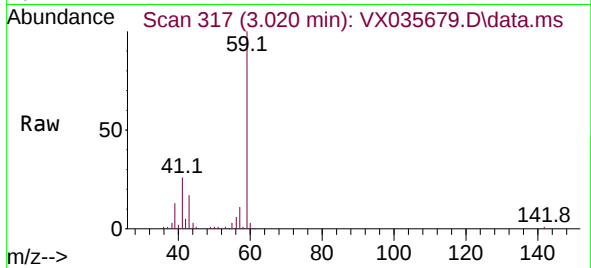
#11
Tert butyl alcohol
Concen: 223.795 ug/l
RT: 3.020 min Scan# 314
Delta R.T. 0.019 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 144220
Ion Ratio Lower Upper
59 100
57 4.6 8.1 12.1

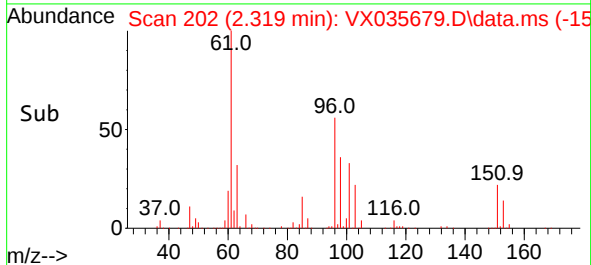
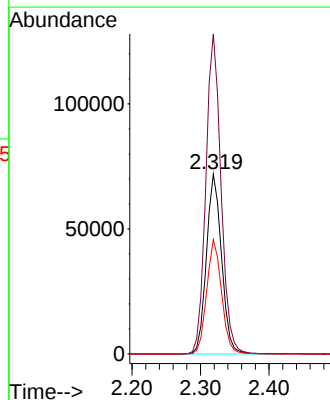
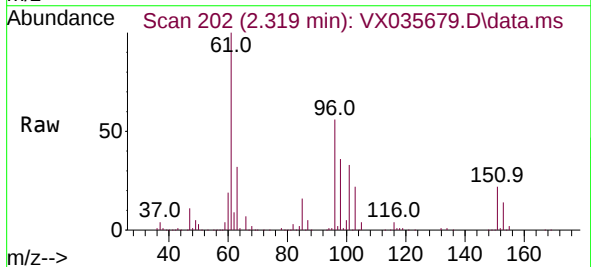
Manual Integrations
APPROVED

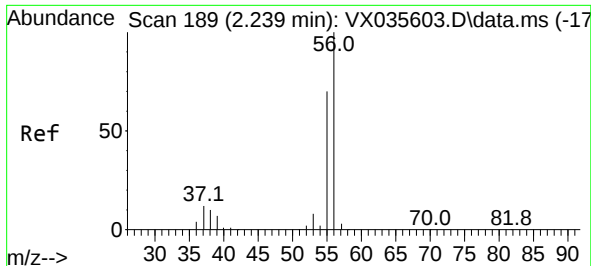
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#12
1,1-Dichloroethene
Concen: 47.467 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

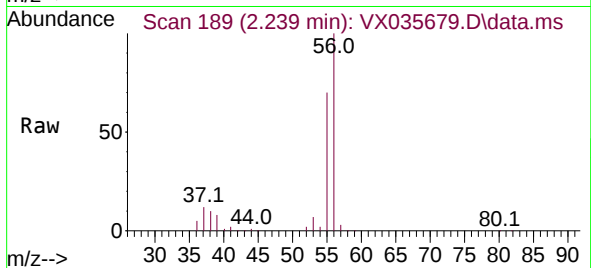
Tgt Ion: 96 Resp: 110677
Ion Ratio Lower Upper
96 100
61 177.9 128.8 193.2
98 63.6 51.4 77.0





#13
Acrolein
Concen: 230.684 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

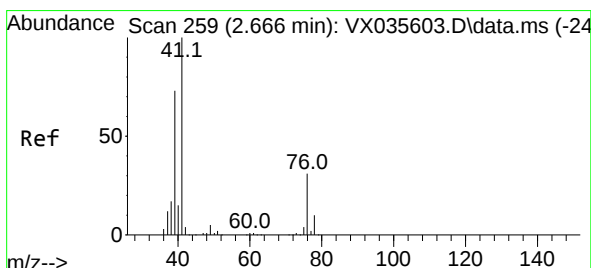
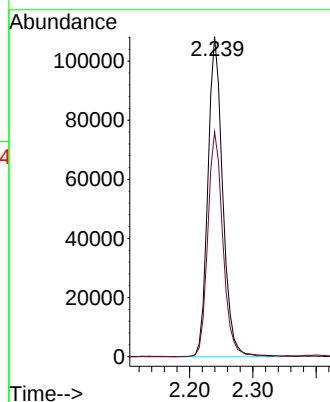
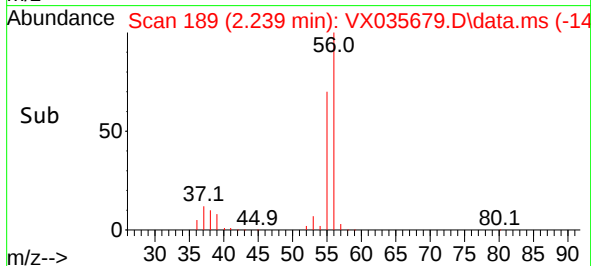
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17644
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

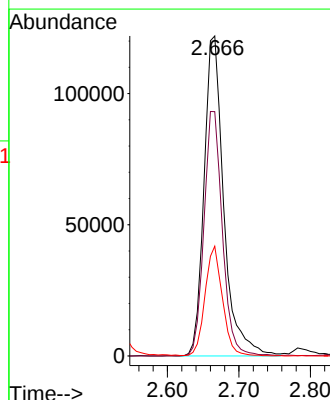
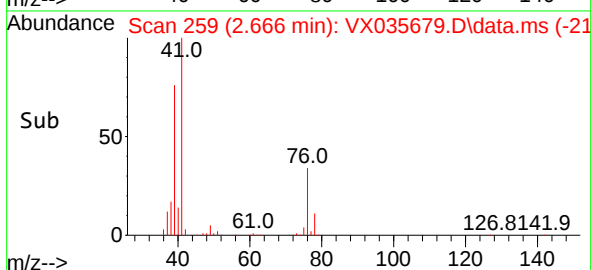
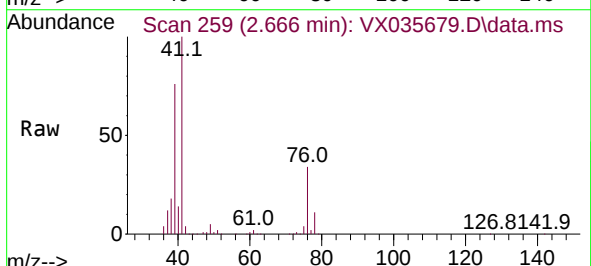
Manual Integrations
APPROVED

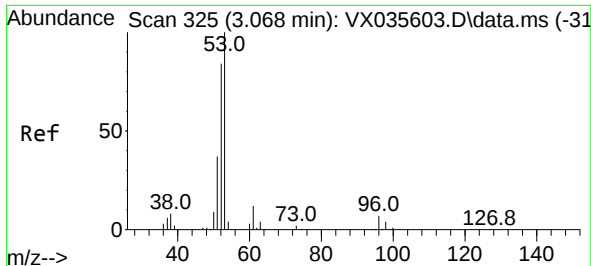
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 46.899 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

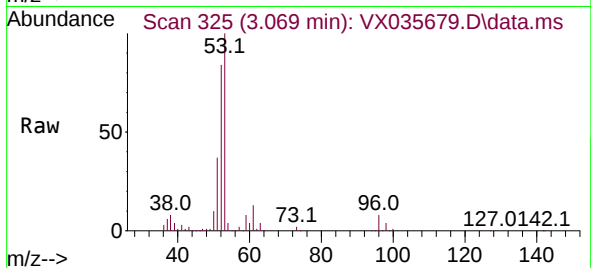
Tgt Ion: 41 Resp: 234272
Ion Ratio Lower Upper
41 100
39 71.3 52.4 78.6
76 30.3 26.0 39.0





#15
Acrylonitrile
Concen: 244.250 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

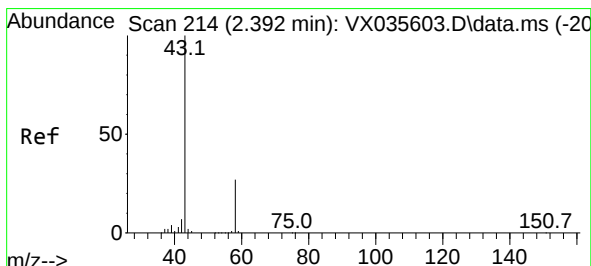
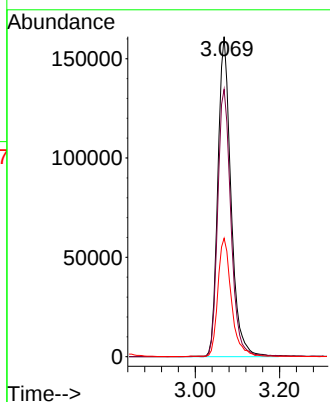
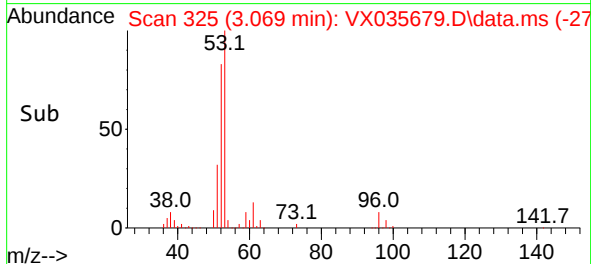
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



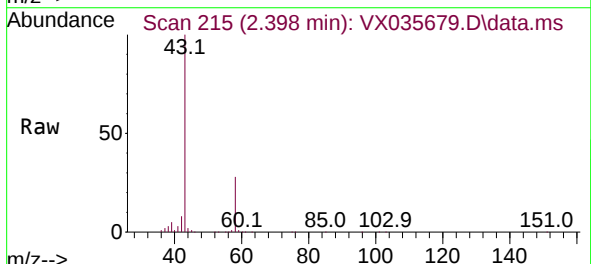
Tgt Ion: 53 Resp: 346604
Ion Ratio Lower Upper
53 100
52 84.5 66.2 99.2
51 37.7 28.3 42.5

Manual Integrations
APPROVED

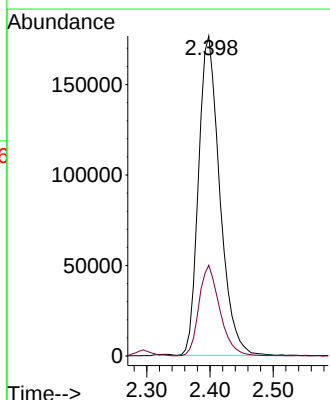
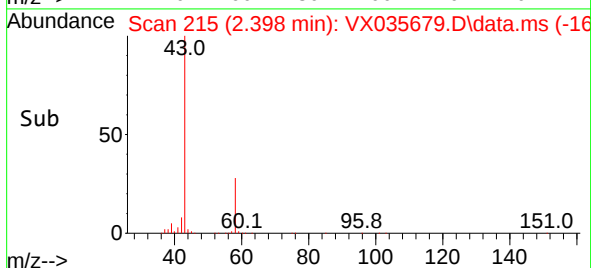
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

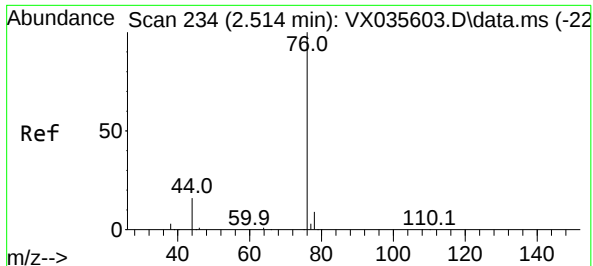


#16
Acetone
Concen: 262.375 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion: 43 Resp: 411905
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1





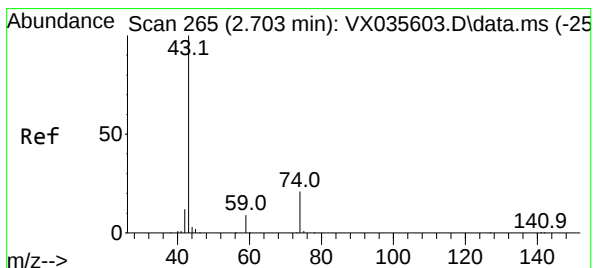
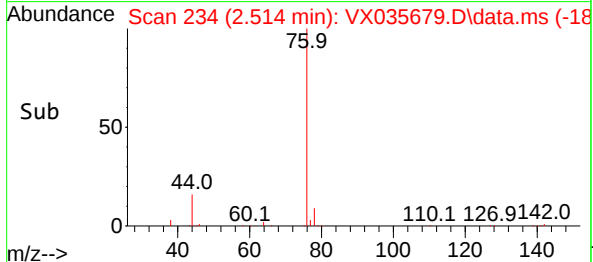
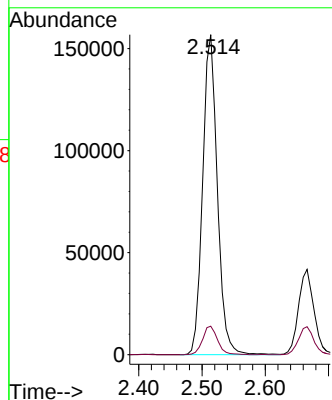
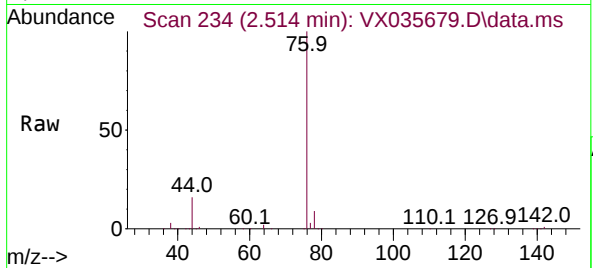
#17
Carbon Disulfide
Concen: 45.042 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25346
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

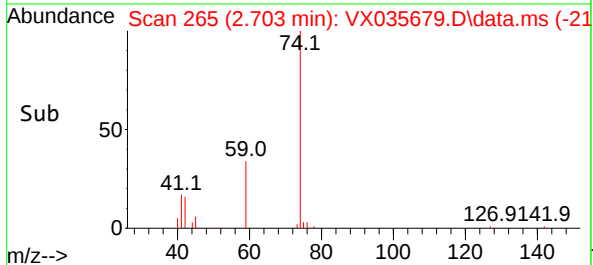
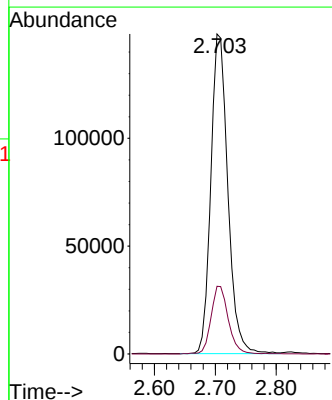
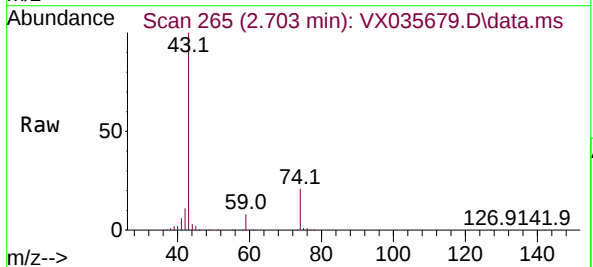
Manual Integrations
APPROVED

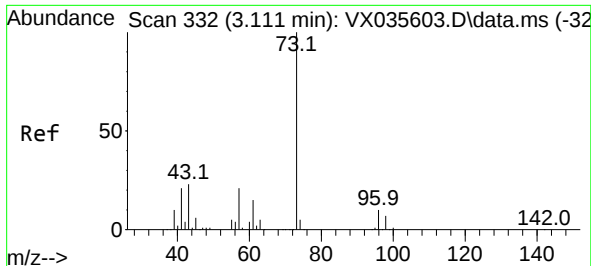
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 49.572 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 43 Resp: 287011
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5





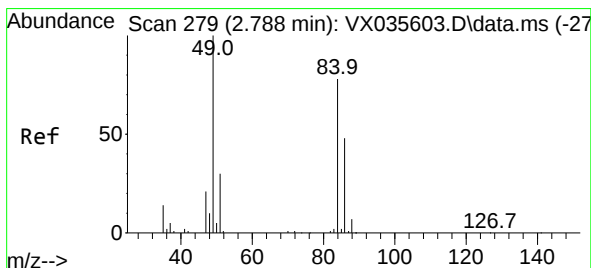
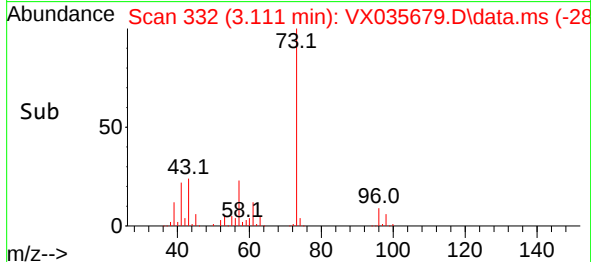
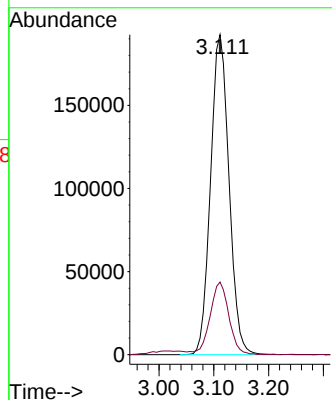
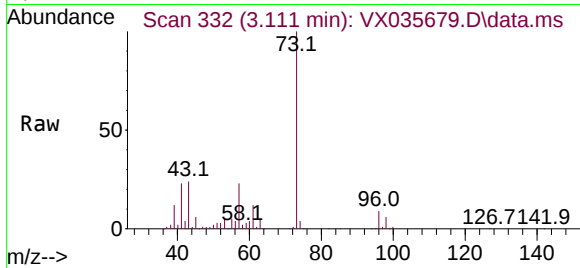
#19
Methyl tert-butyl Ether
Concen: 48.395 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 44903
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

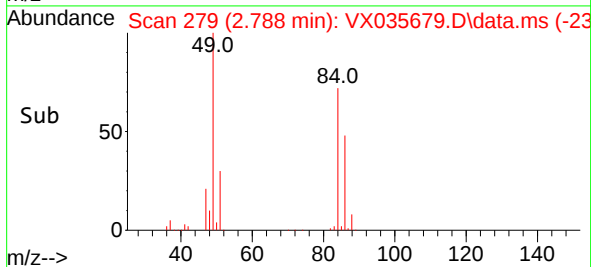
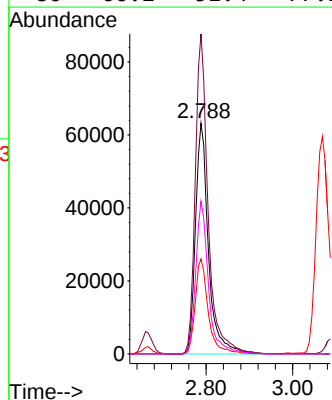
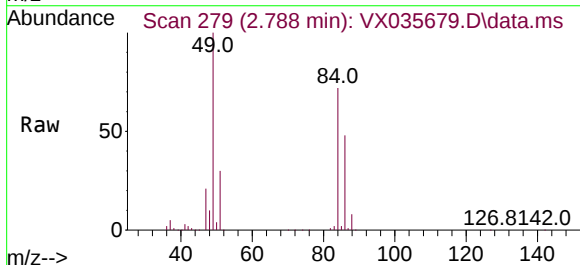
Manual Integrations
APPROVED

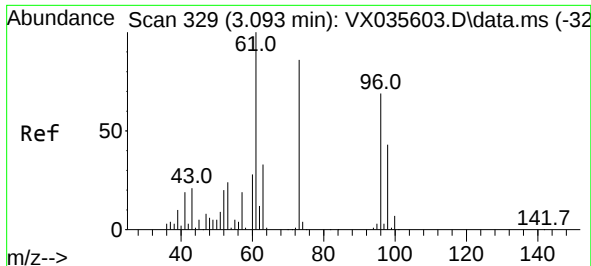
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#20
Methylene Chloride
Concen: 46.361 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

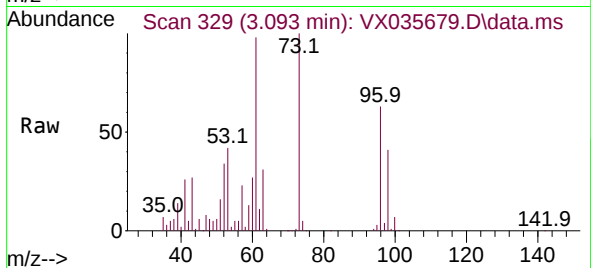
Tgt Ion: 84 Resp: 131908
Ion Ratio Lower Upper
84 100
49 138.7 103.8 155.8
51 41.2 31.8 47.8
86 66.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.265 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

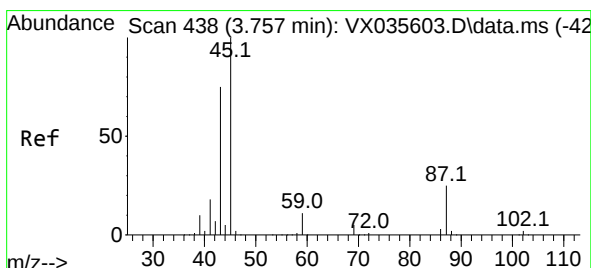
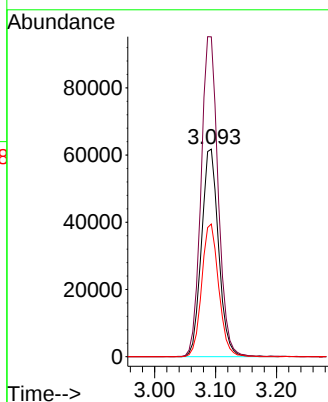
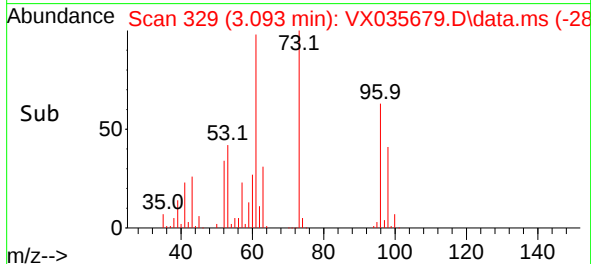
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12076
Ion Ratio Lower Upper
96 100
61 153.9 113.0 169.6
98 63.9 52.1 78.1

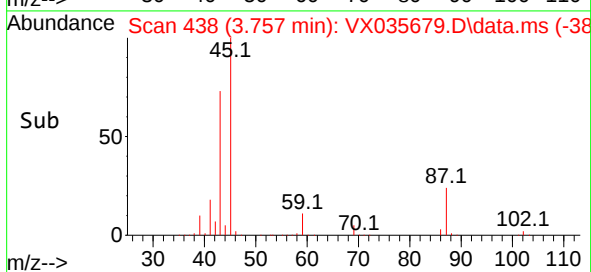
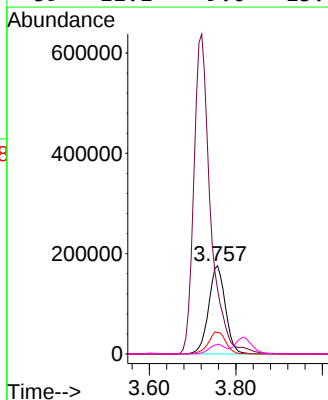
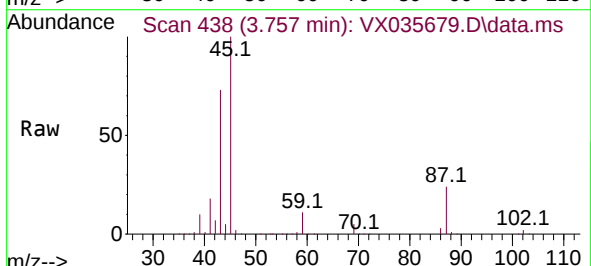
Manual Integrations
APPROVED

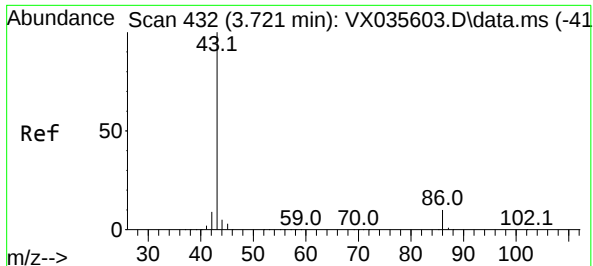
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 48.311 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

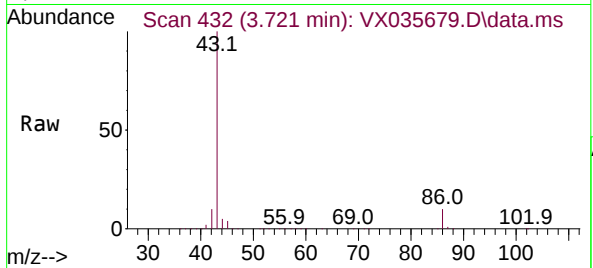
Tgt Ion: 45 Resp: 472501
Ion Ratio Lower Upper
45 100
43 73.1 65.4 98.2
87 24.4 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 247.405 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05

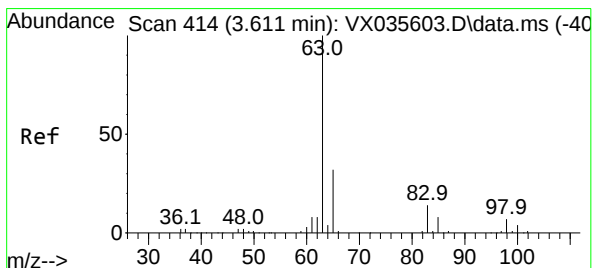
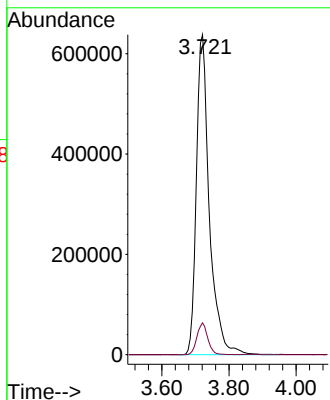
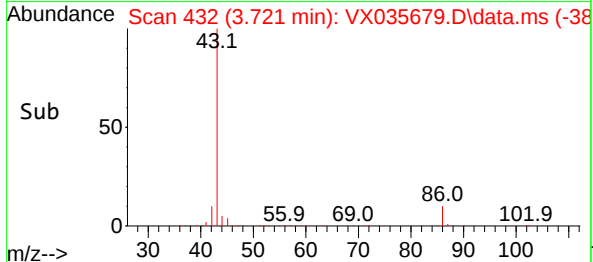
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



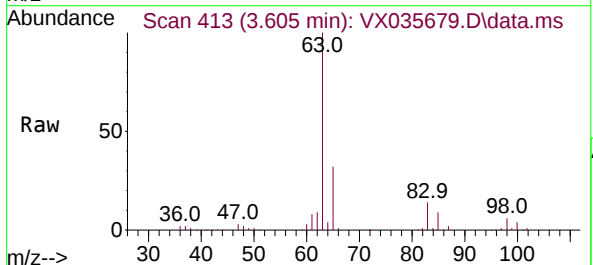
Tgt Ion: 43 Resp: 1712125
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations
 APPROVED

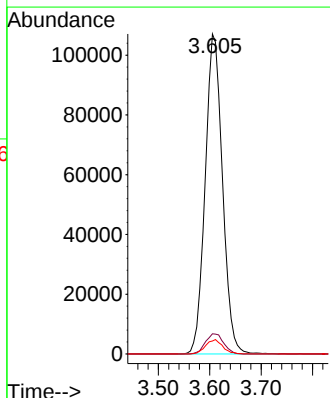
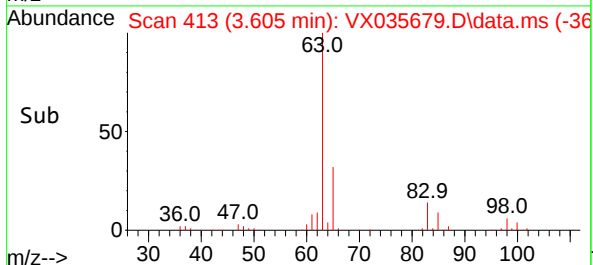
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

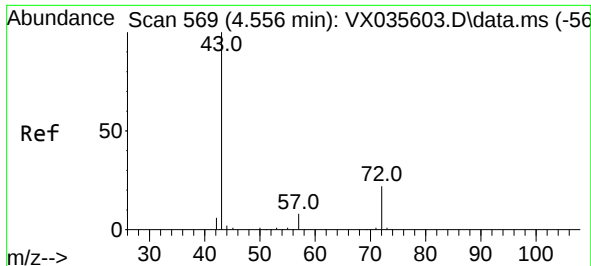


#24
 1,1-Dichloroethane
 Concen: 47.859 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05



Tgt Ion: 63 Resp: 250339
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.2
 100 4.1 2.4 7.1





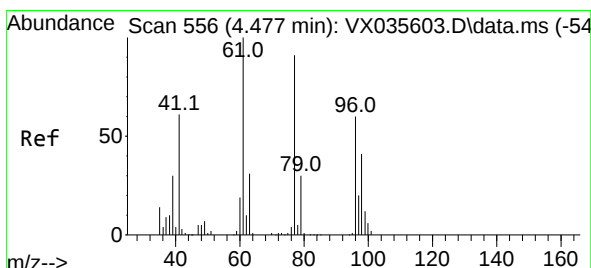
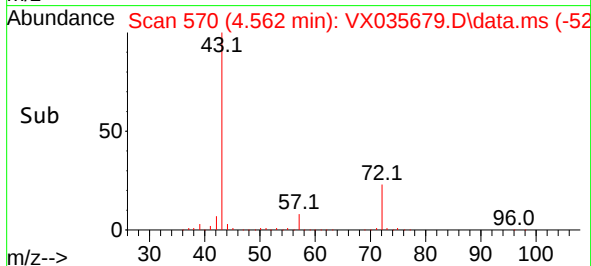
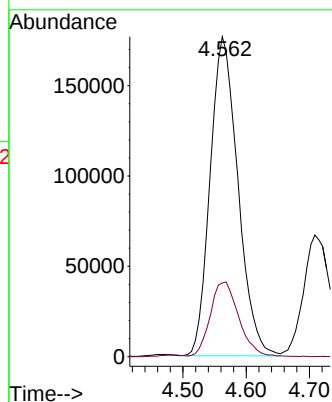
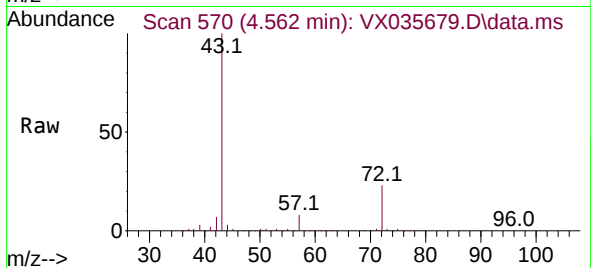
#25
2-Butanone
Concen: 248.529 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 54011
Ion Ratio Lower Upper
43 100
72 22.8 19.3 28.9

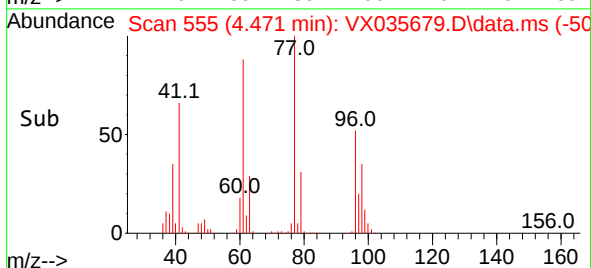
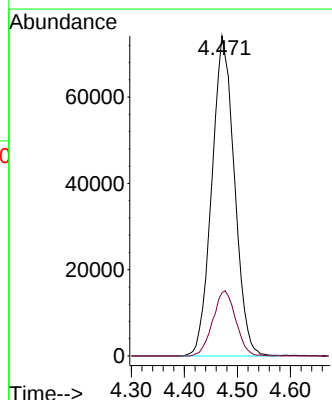
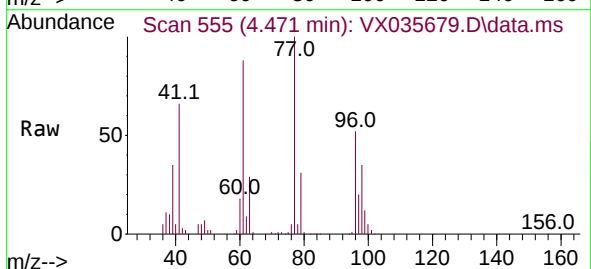
Manual Integrations
APPROVED

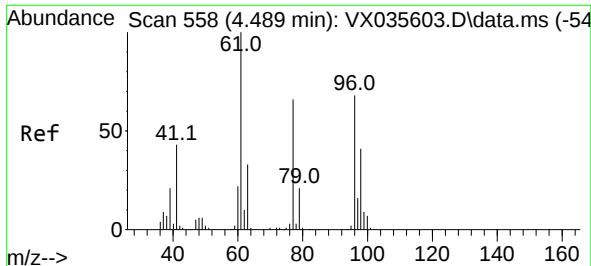
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
2,2-Dichloropropane
Concen: 49.647 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 77 Resp: 219916
Ion Ratio Lower Upper
77 100
97 20.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.834 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 146918

Ion Ratio Lower Upper

96 100

61 161.8 0.0 300.4

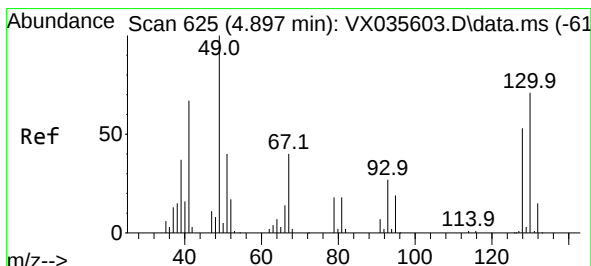
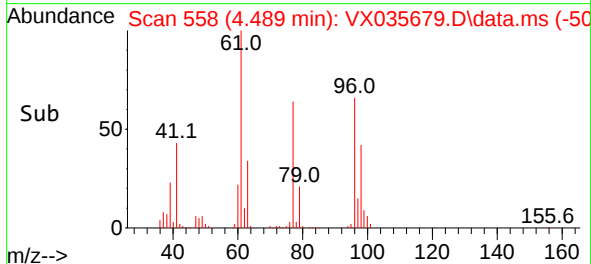
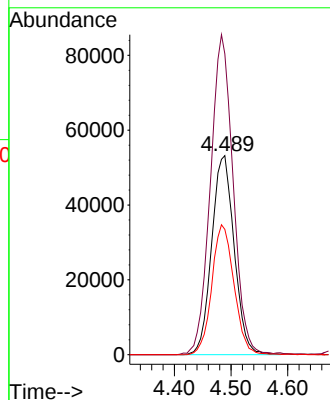
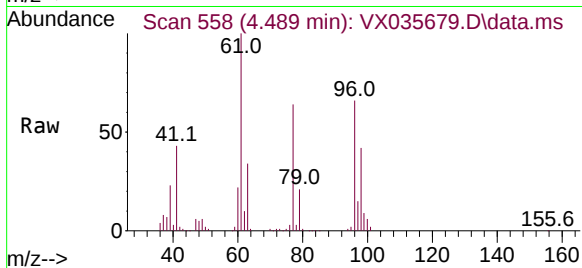
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#28

Bromochloromethane

Concen: 51.699 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

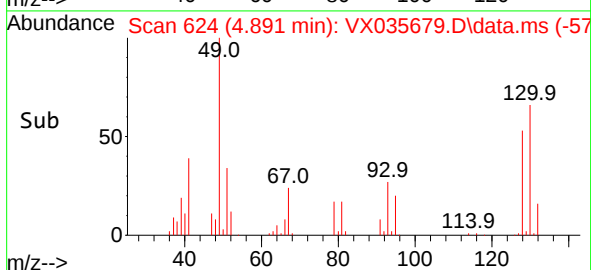
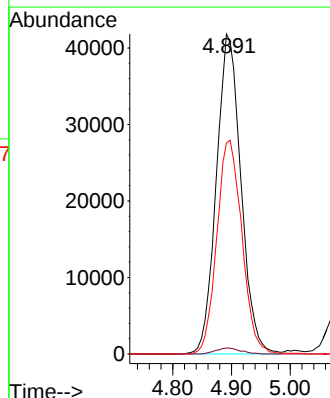
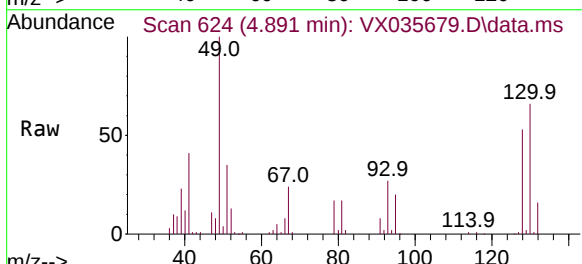
Tgt Ion: 49 Resp: 121637

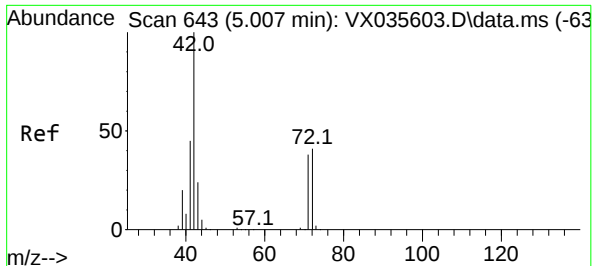
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 68.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 237.899 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 324960

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

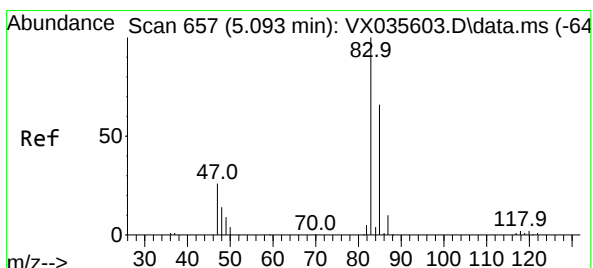
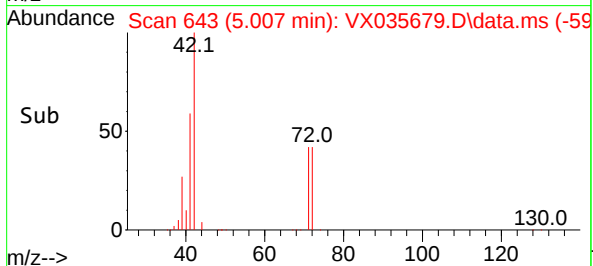
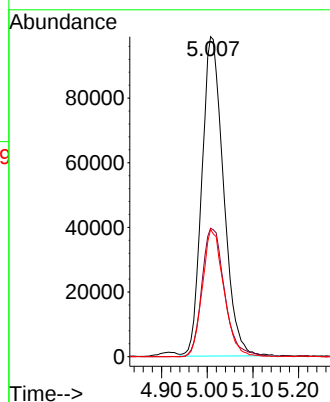
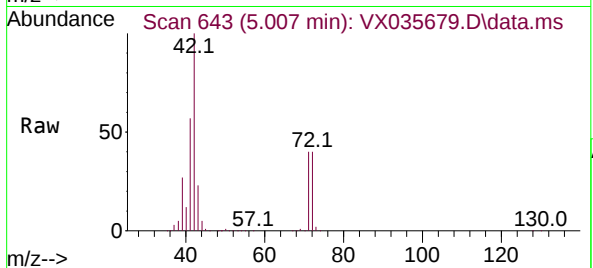
71 39.5 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 48.935 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035679.D

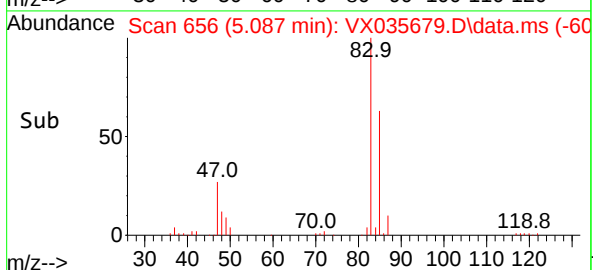
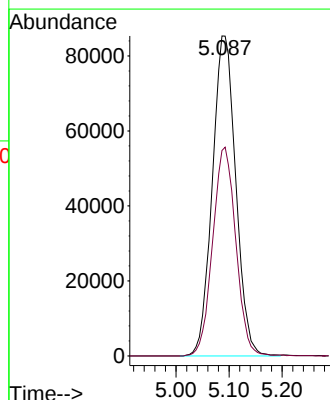
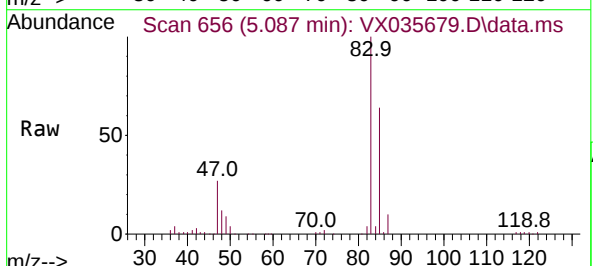
Acq: 16 May 2023 10:05

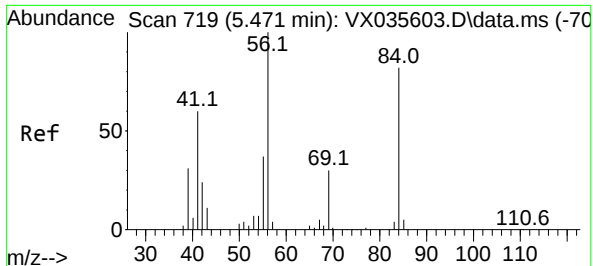
Tgt Ion: 83 Resp: 262295

Ion Ratio Lower Upper

83 100

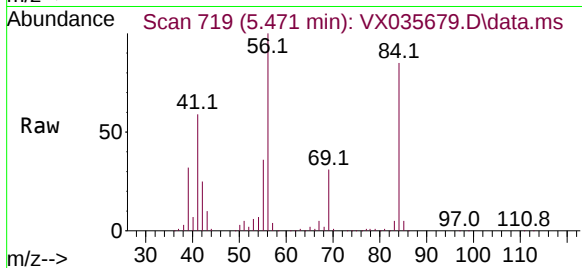
85 64.2 50.6 76.0





#31
Cyclohexane
Concen: 46.646 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

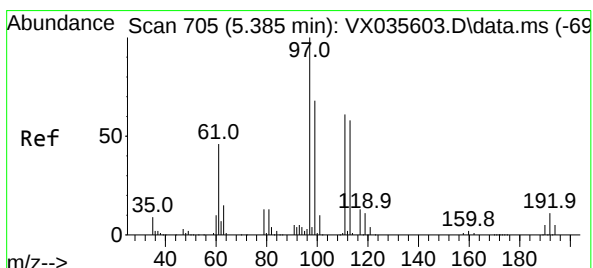
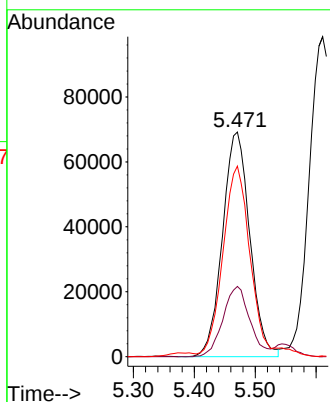
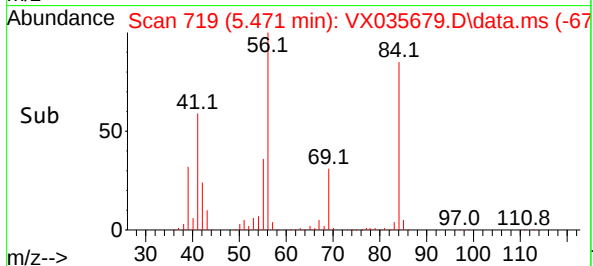
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



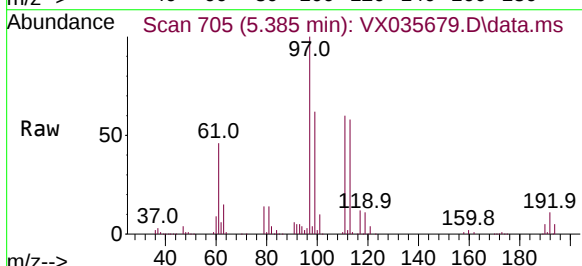
Tgt Ion: 56 Resp: 21526
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 83.2 68.5 102.7

Manual Integrations
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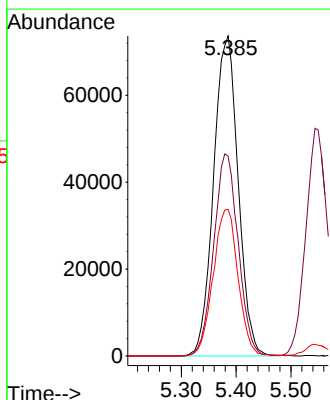
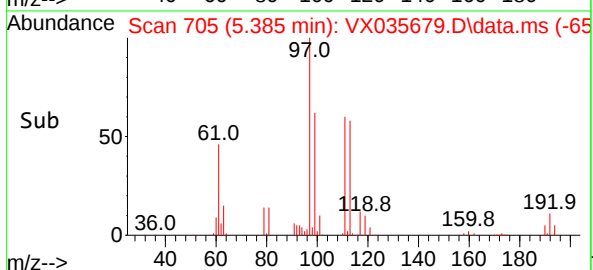
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

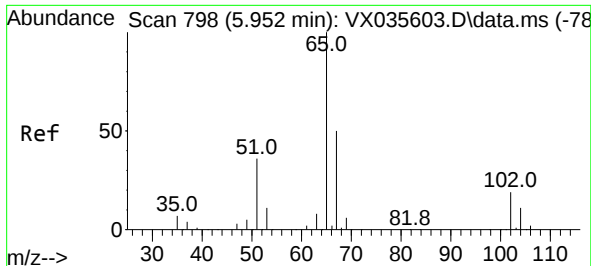


#32
1,1,1-Trichloroethane
Concen: 49.159 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion: 97 Resp: 229259
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 46.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.629 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 188584

Ion Ratio Lower Upper

65 100

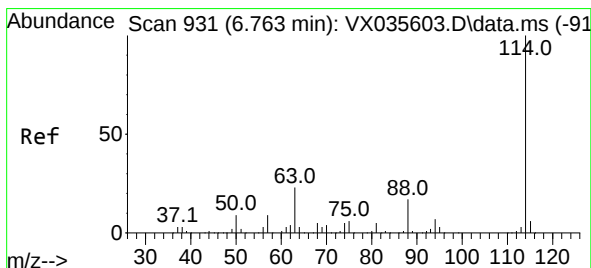
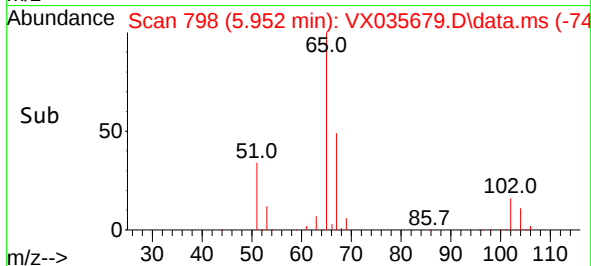
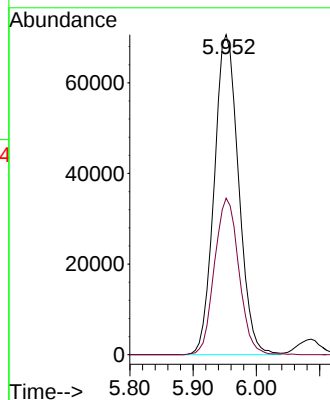
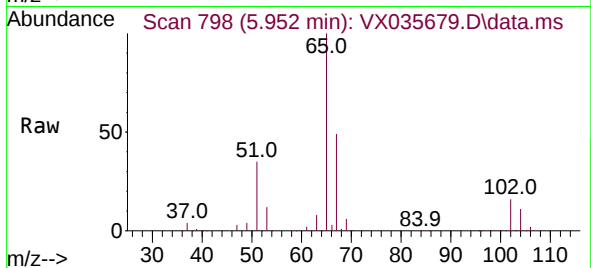
67 49.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

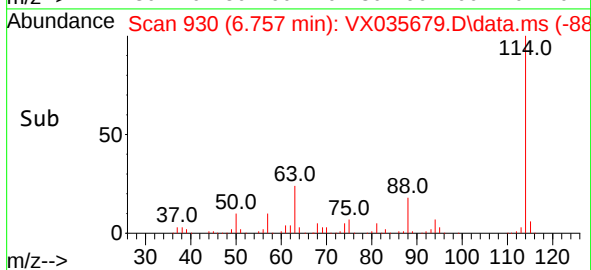
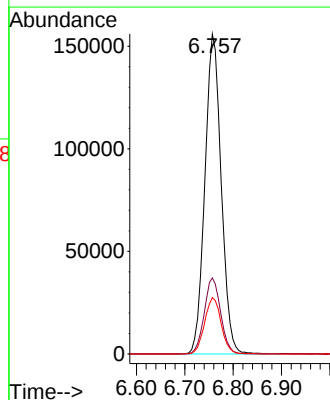
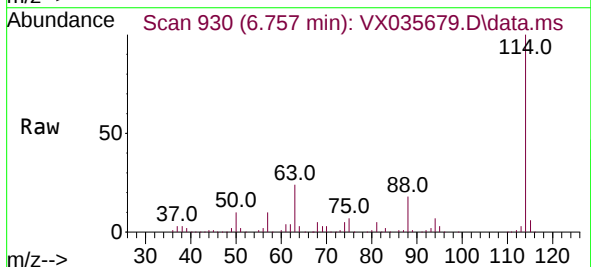
Tgt Ion:114 Resp: 366011

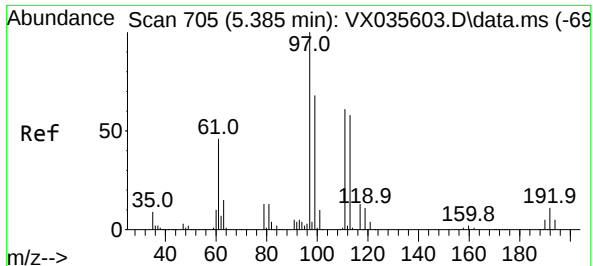
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

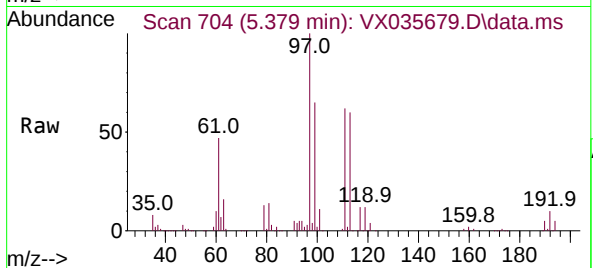
88 17.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.449 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

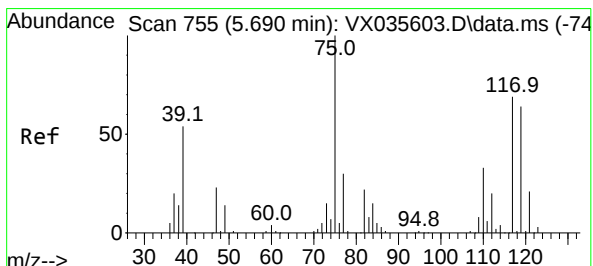
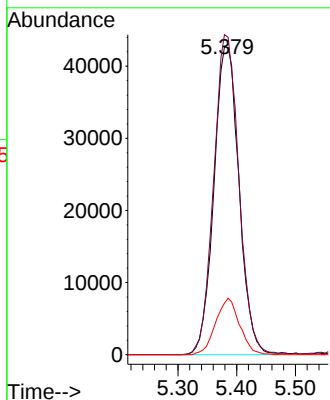
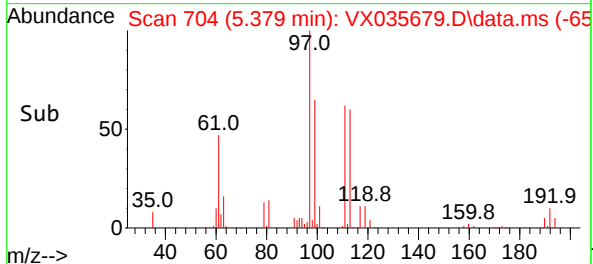
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 126994
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 17.5 15.4 23.2

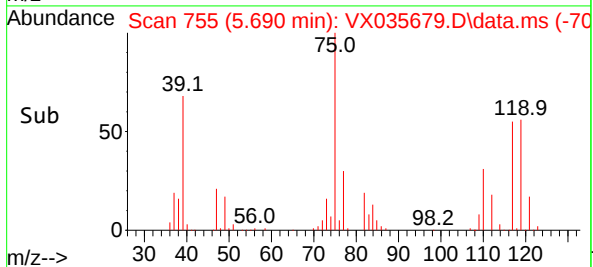
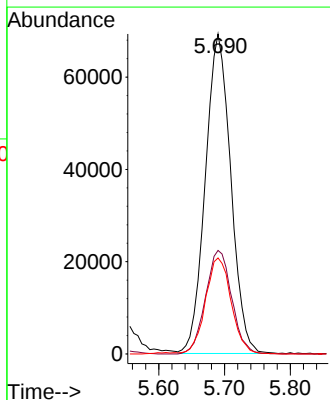
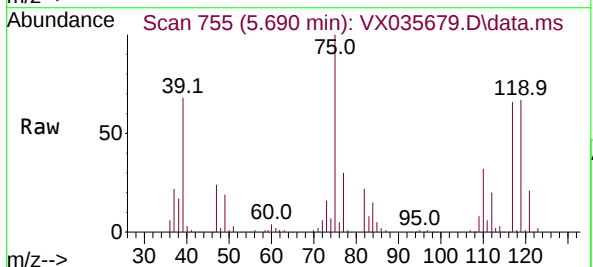
Manual Integrations
APPROVED

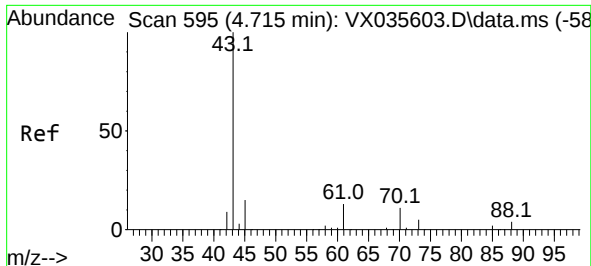
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#36
1,1-Dichloropropene
Concen: 47.858 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 75 Resp: 186466
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 49.519 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035679.D

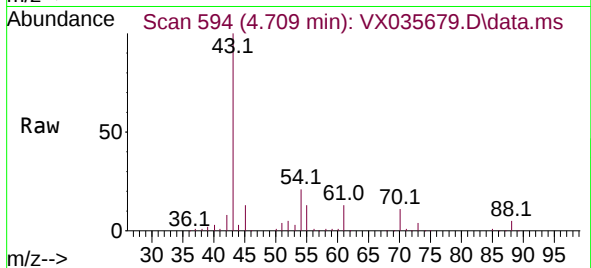
Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



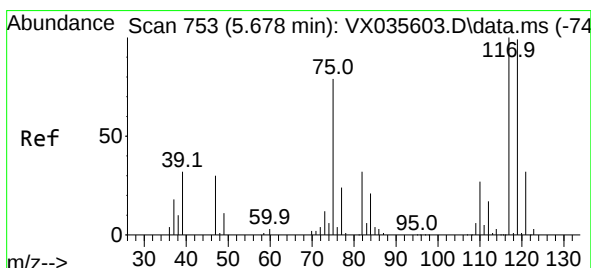
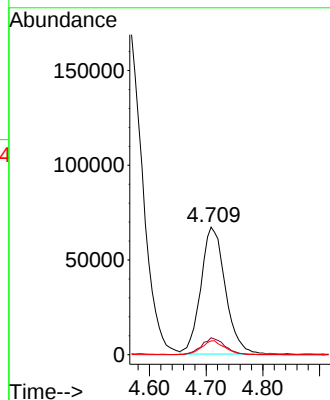
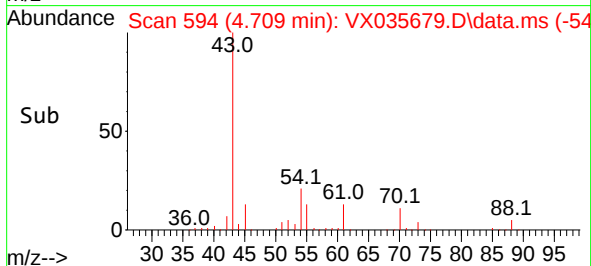
Tgt Ion:	43	Resp:	201240
Ion Ratio	100	Lower	Upper
43	100		
61	12.3	10.2	15.4
70	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#38

Carbon Tetrachloride

Concen: 50.068 ug/l

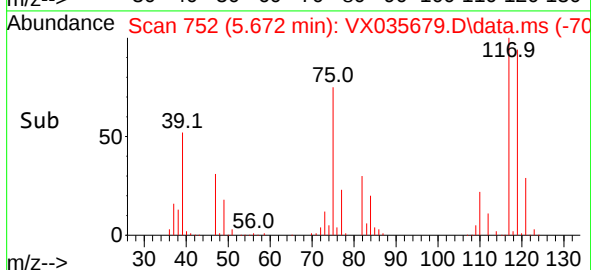
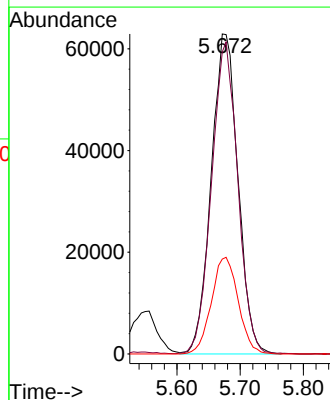
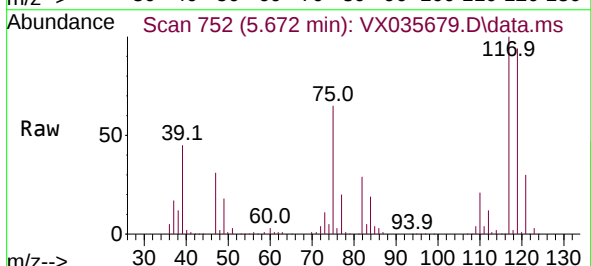
RT: 5.672 min Scan# 752

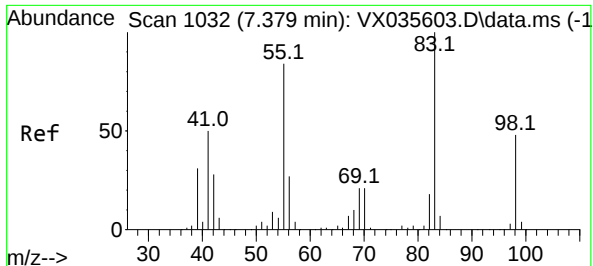
Delta R.T. -0.006 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

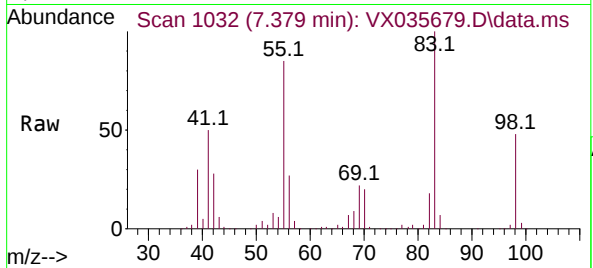
Tgt Ion:	117	Resp:	184794
Ion Ratio	100	Lower	Upper
117	100		
119	94.1	76.6	114.8
121	29.7	23.8	35.6





#39
Methylcyclohexane
Concen: 47.529 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

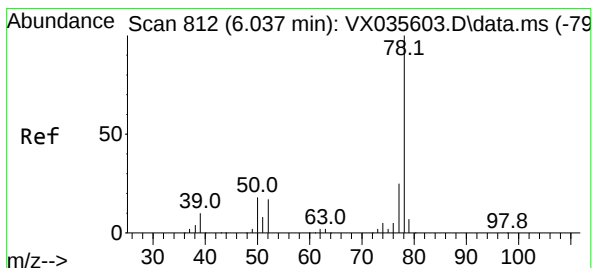
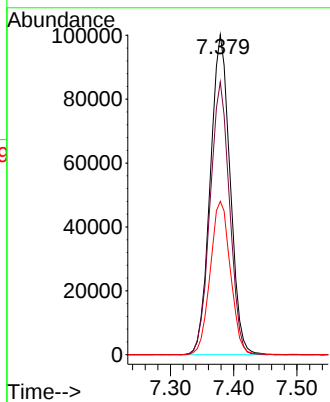
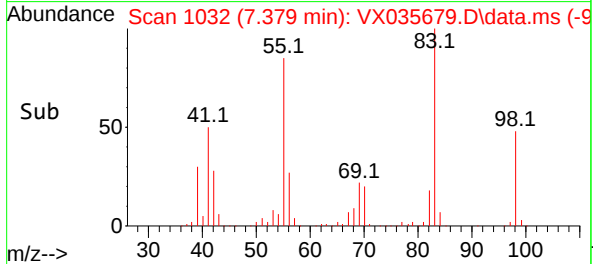
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 217984
Ion Ratio Lower Upper
83 100
55 85.2 60.5 90.7
98 47.9 40.4 60.6

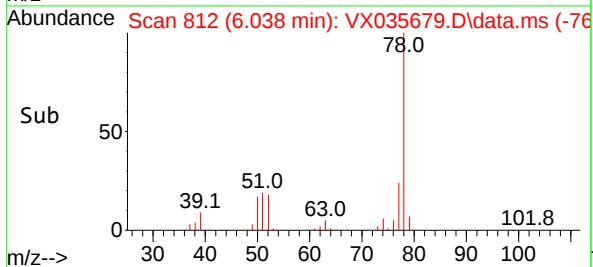
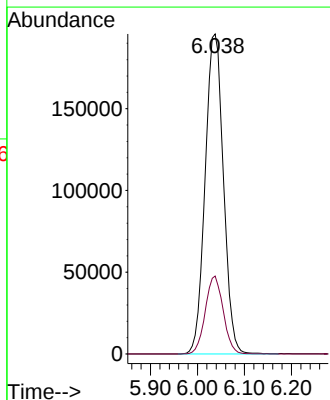
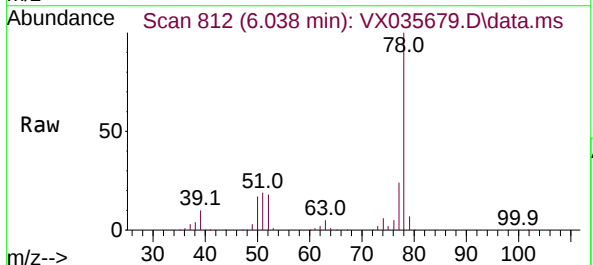
Manual Integrations
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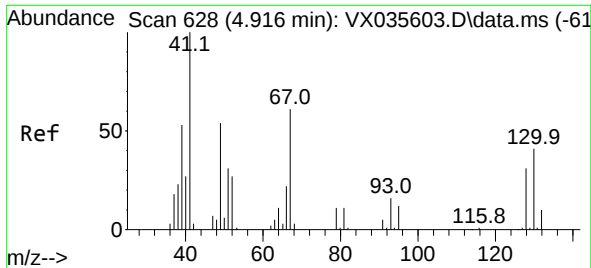
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#40
Benzene
Concen: 48.428 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 78 Resp: 527856
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





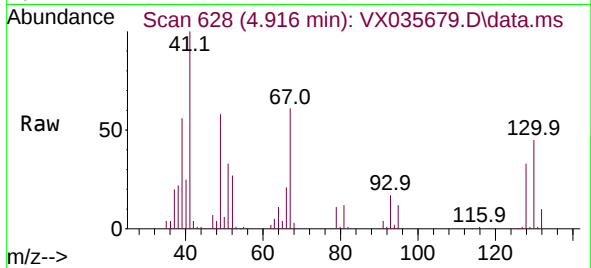
#41
Methacrylonitrile
Concen: 50.399 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



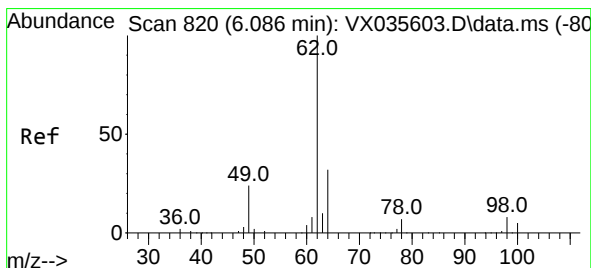
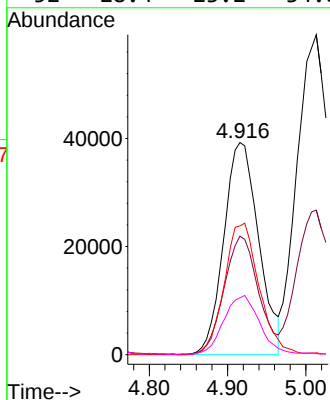
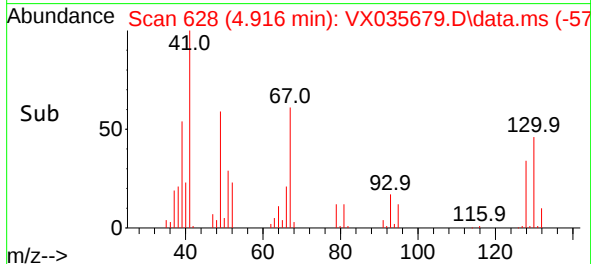
Tgt Ion: 41 Resp: 121600
Ion Ratio Lower Upper
41 100
39 55.3 45.0 67.6
67 61.8 55.6 83.4
52 28.4 23.2 34.8

Manual Integrations

APPROVED

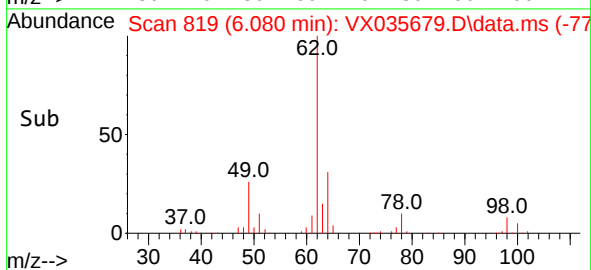
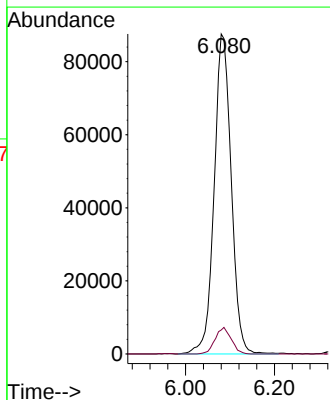
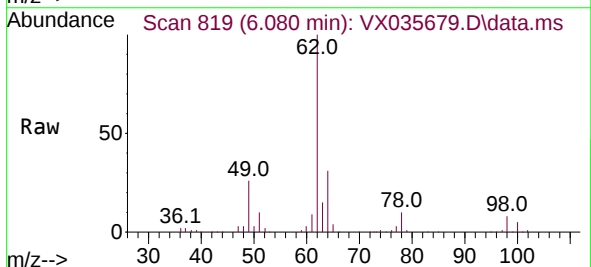
Reviewed By :John Carlone 05/17/2023

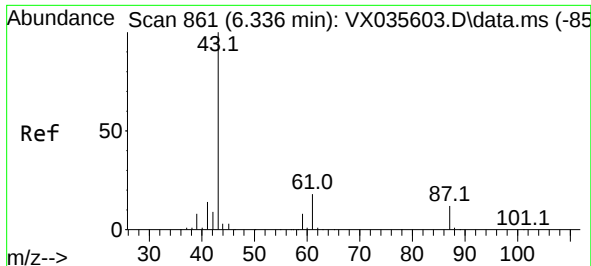
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 49.678 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 62 Resp: 232926
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.766 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 35266

Ion Ratio Lower Upper

43 100

61 18.3 15.2 22.8

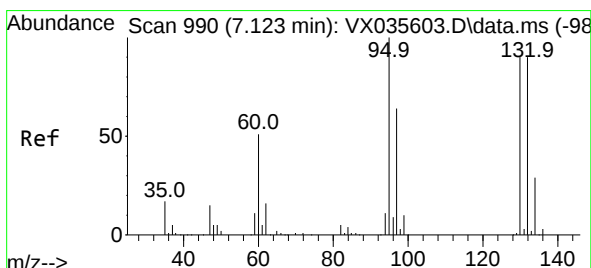
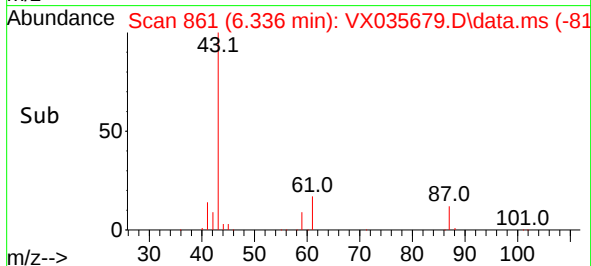
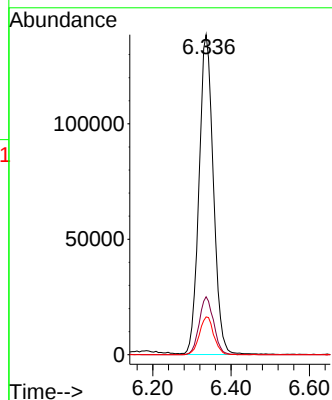
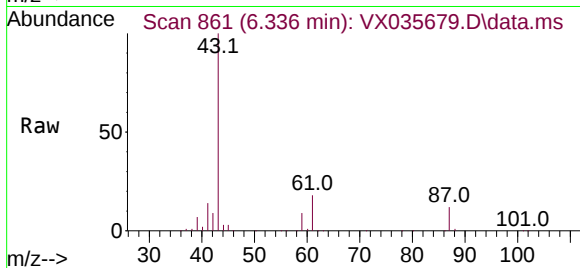
87 11.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#44

Trichloroethene

Concen: 48.054 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035679.D

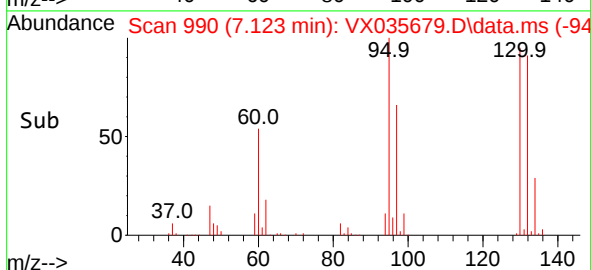
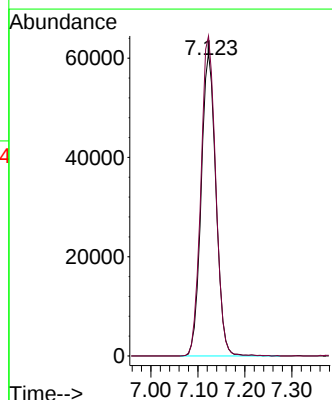
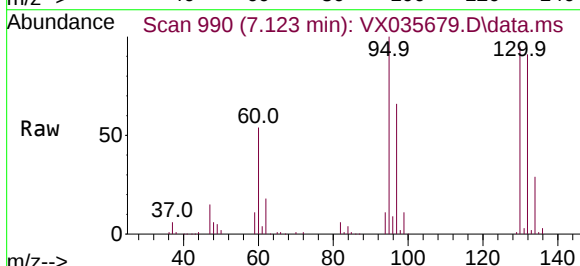
Acq: 16 May 2023 10:05

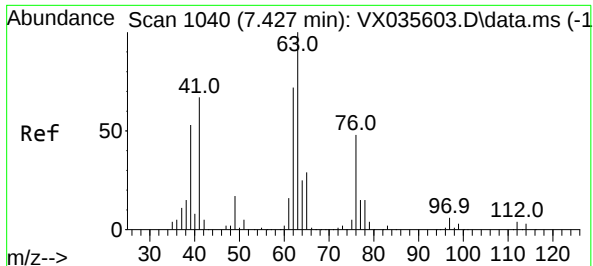
Tgt Ion:130 Resp: 132808

Ion Ratio Lower Upper

130 100

95 105.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 144464

Ion Ratio Lower Upper

63 100

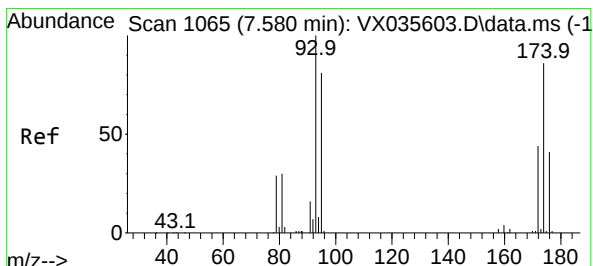
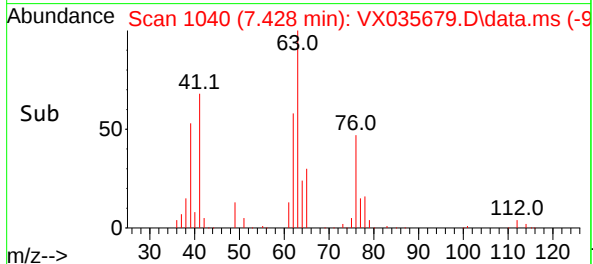
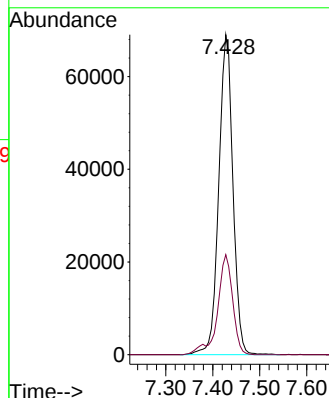
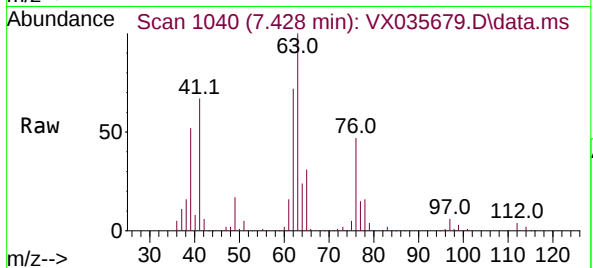
65 31.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 49.932 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

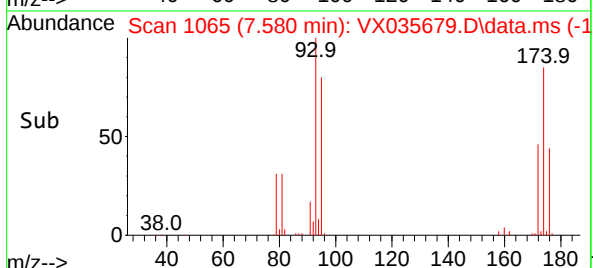
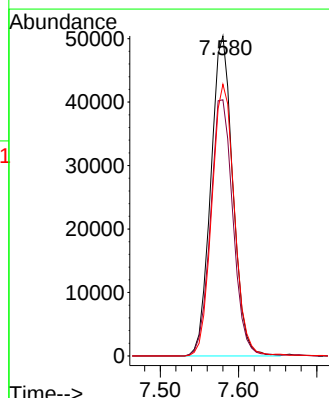
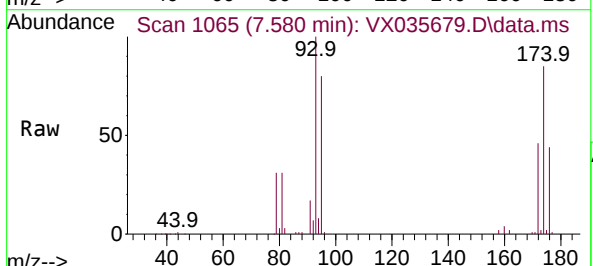
Tgt Ion: 93 Resp: 98667

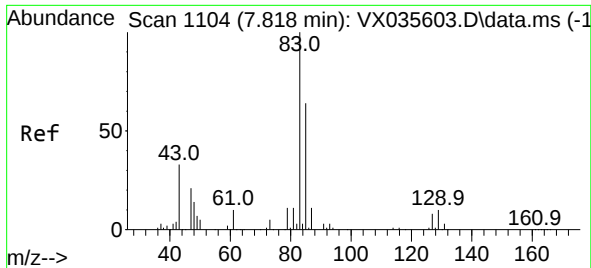
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

174 86.9 75.4 113.0





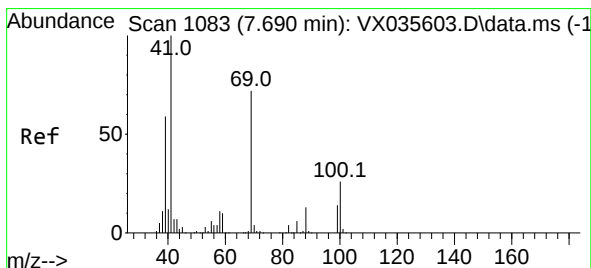
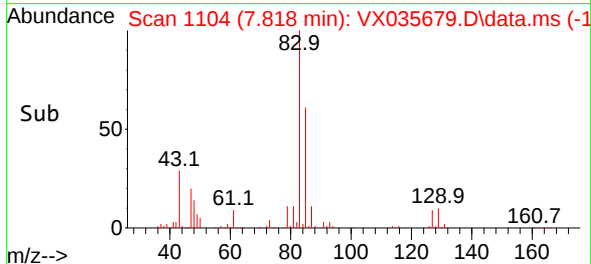
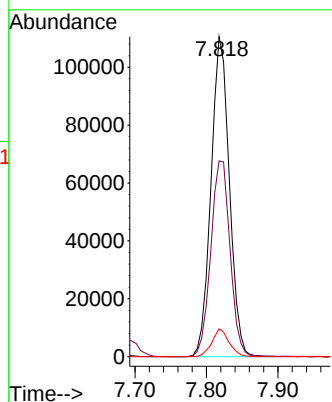
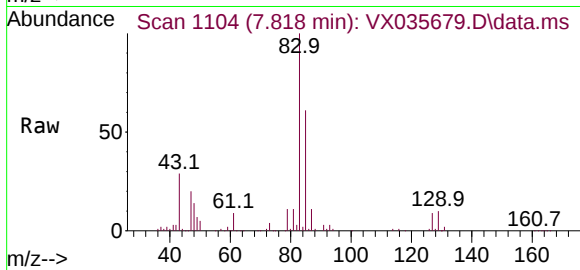
#47
Bromodichloromethane
Concen: 51.624 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19716
Ion Ratio Lower Upper
83 100
85 61.2 52.2 78.4
127 8.7 6.6 9.8

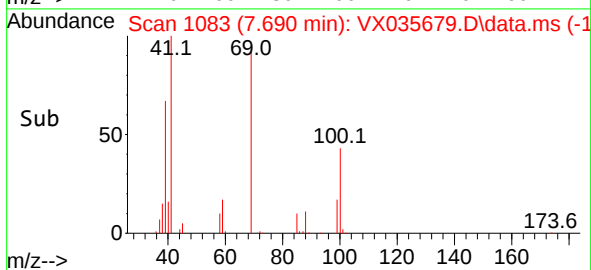
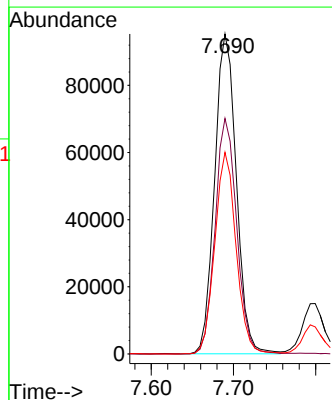
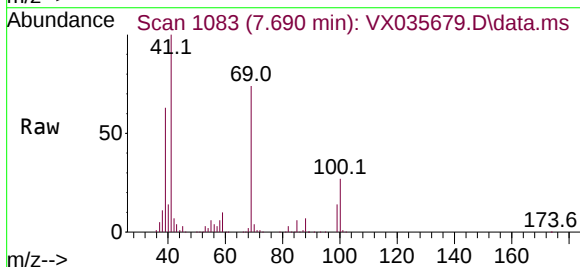
Manual Integrations
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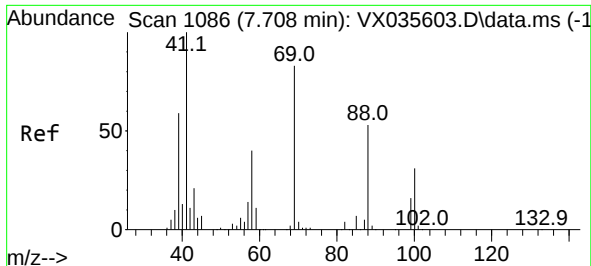
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 49.991 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 41 Resp: 174833
Ion Ratio Lower Upper
41 100
69 73.2 62.2 93.4
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 843.033 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

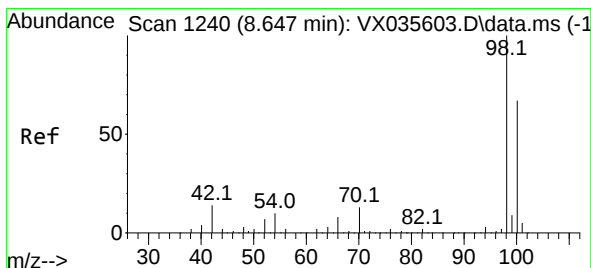
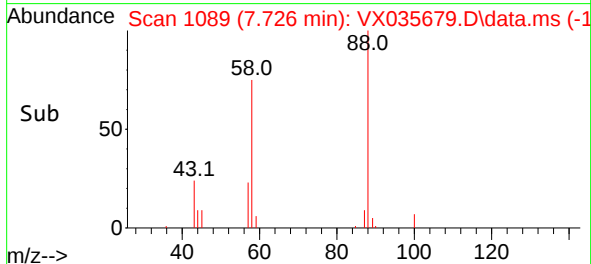
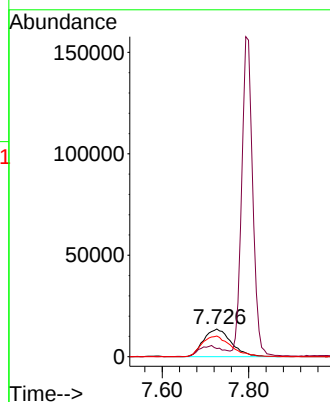
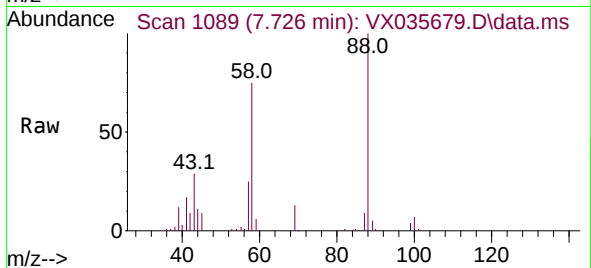
Tgt Ion: 88 Resp: 60544
 Ion Ratio Lower Upper
 88 100
 43 33.5 27.7 41.5
 58 78.4 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 51.565 ug/l

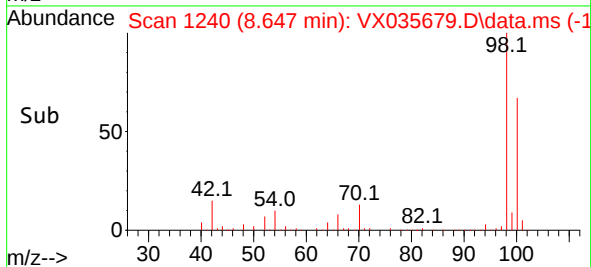
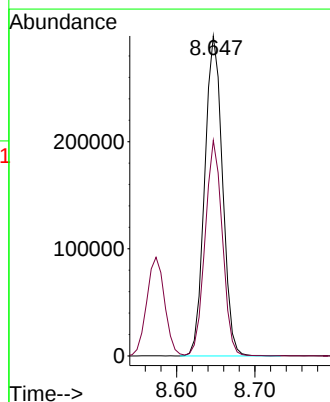
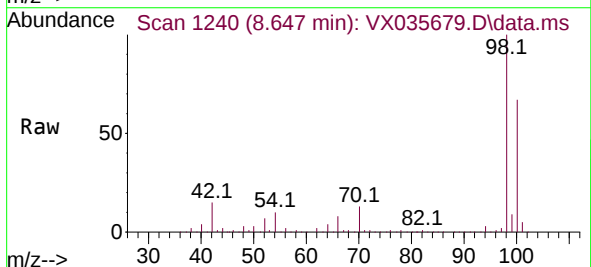
RT: 8.647 min Scan# 1240

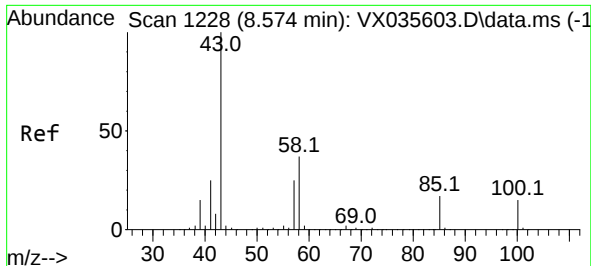
Delta R.T. -0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Tgt Ion: 98 Resp: 470209
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7





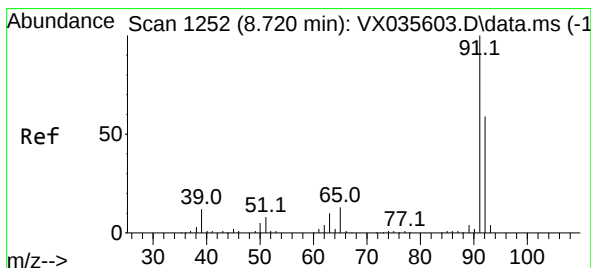
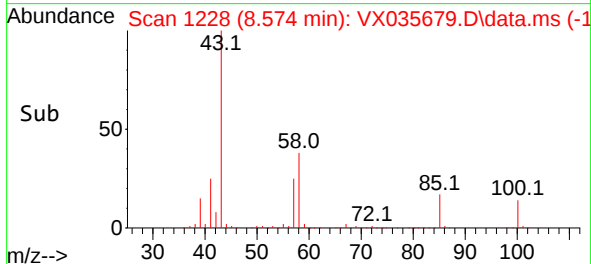
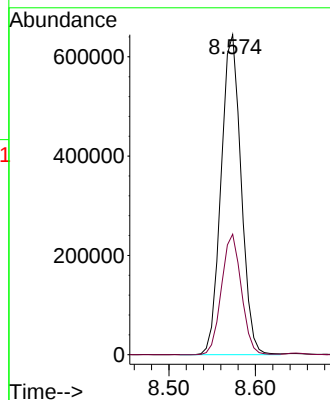
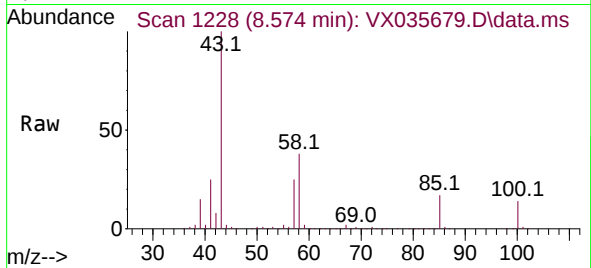
#51
4-Methyl-2-Pentanone
Concen: 253.375 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103442
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0

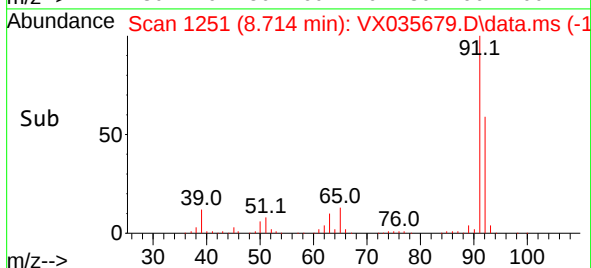
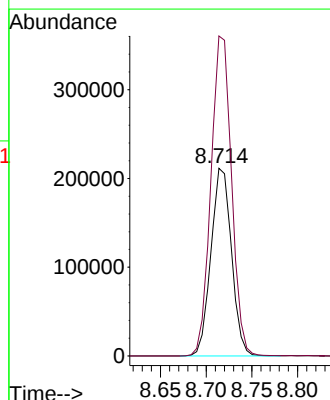
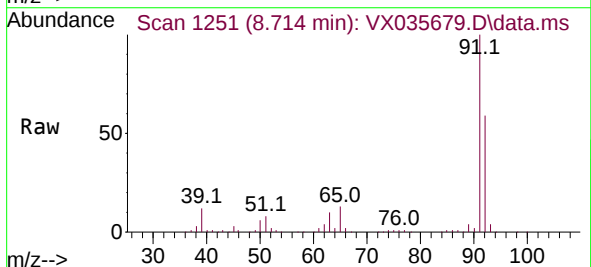
Manual Integrations
APPROVED

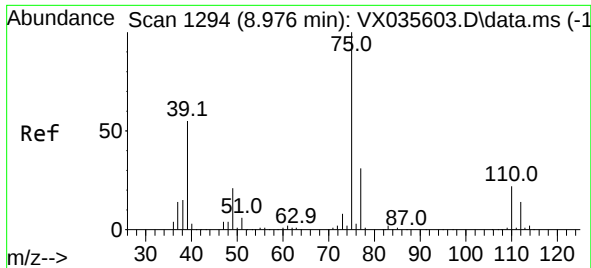
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 47.990 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 92 Resp: 330187
Ion Ratio Lower Upper
92 100
91 171.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 52.862 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 219350

Ion Ratio Lower Upper

75 100

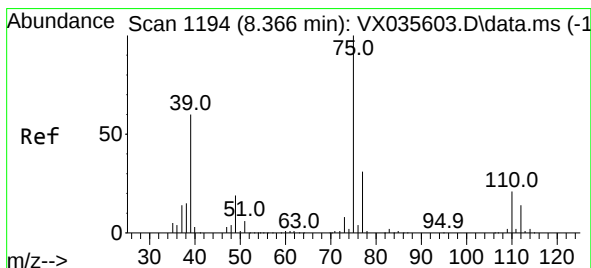
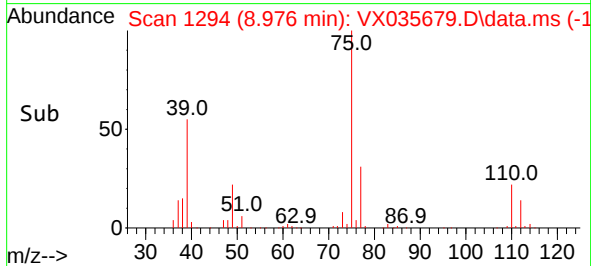
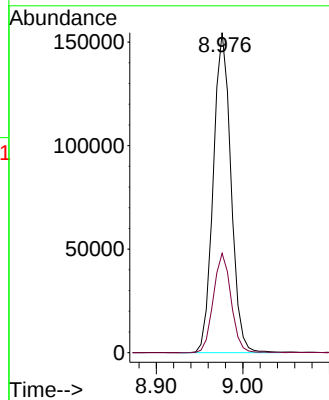
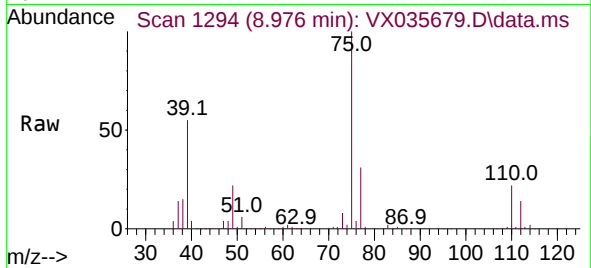
77 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#54

cis-1,3-Dichloropropene

Concen: 52.457 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

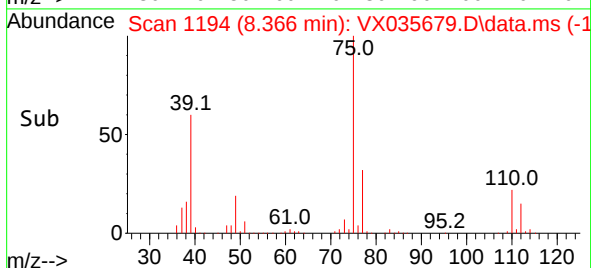
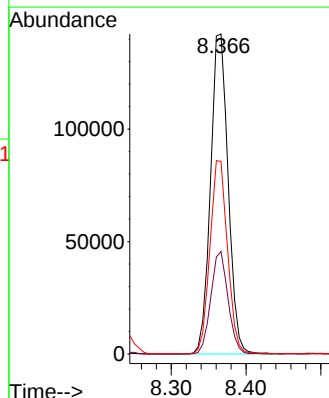
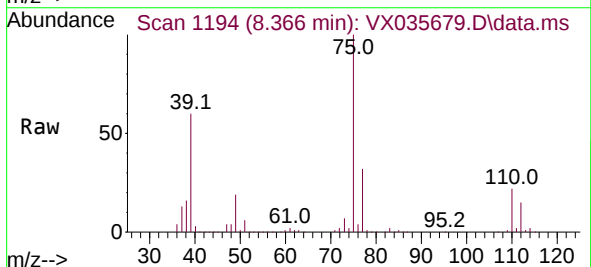
Tgt Ion: 75 Resp: 233212

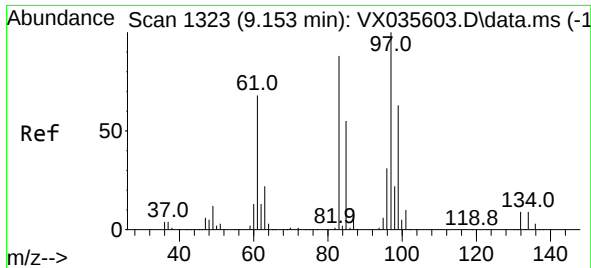
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

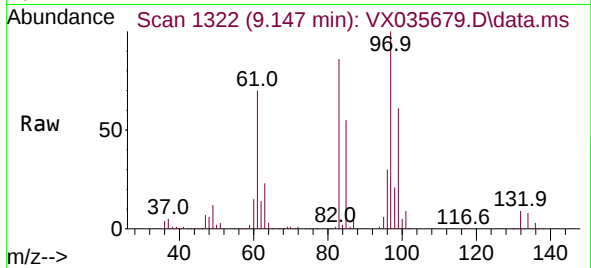
39 60.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.423 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

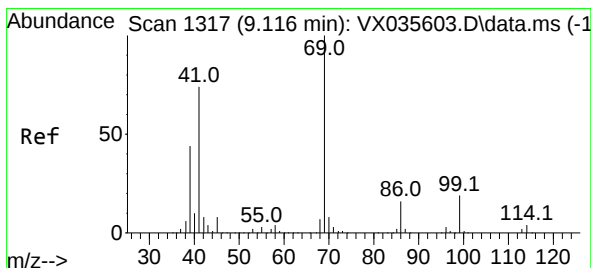
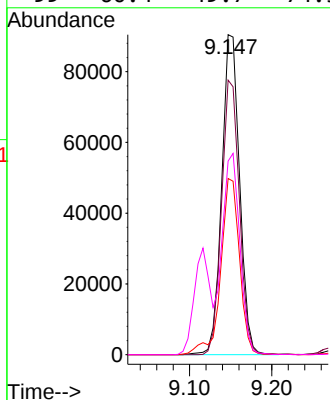
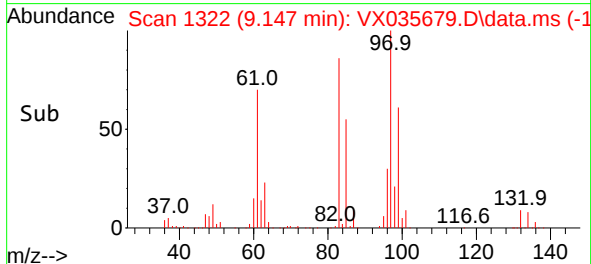


Tgt Ion: 97 Resp: 13626

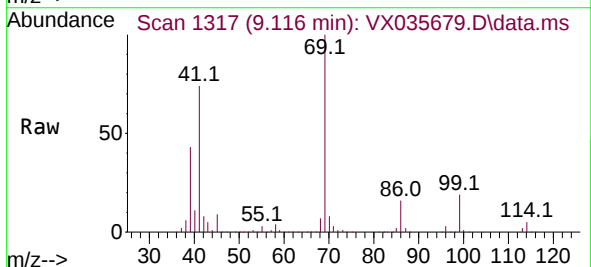
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	55.0	43.7	65.5
99	60.4	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

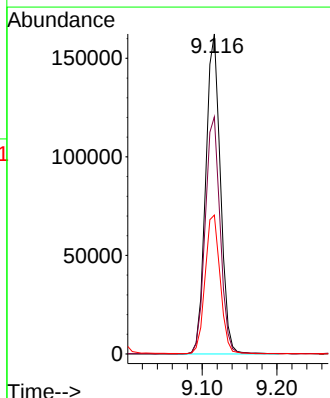
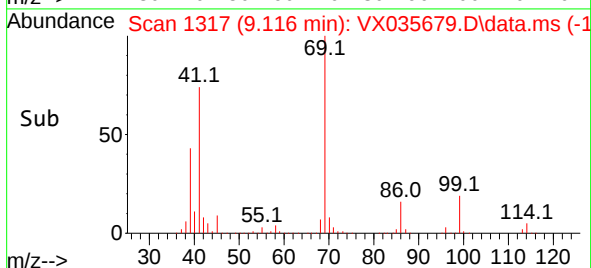


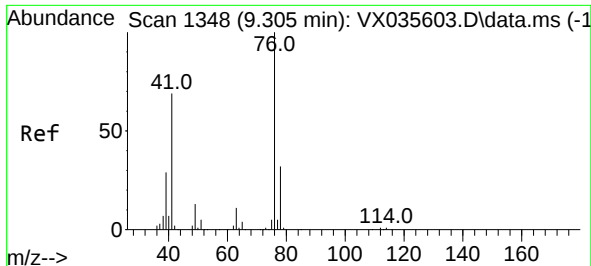
#56
Ethyl methacrylate
Concen: 50.742 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion: 69 Resp: 222059

Ion	Ratio	Lower	Upper
69	100		
41	75.0	57.4	86.0
39	44.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 49.198 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24101

Ion Ratio Lower Upper

76 100

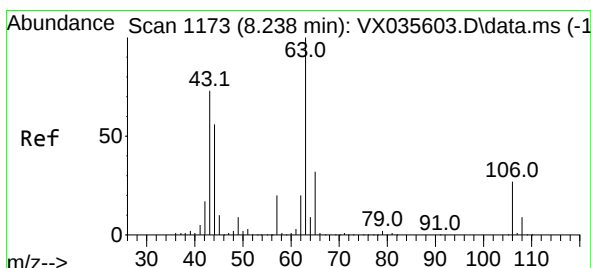
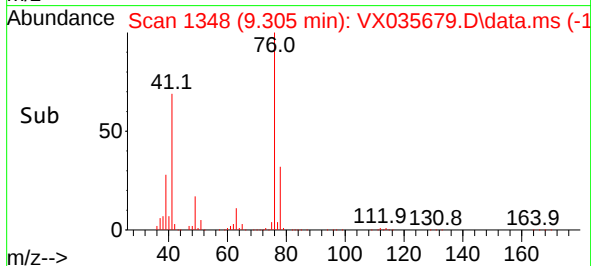
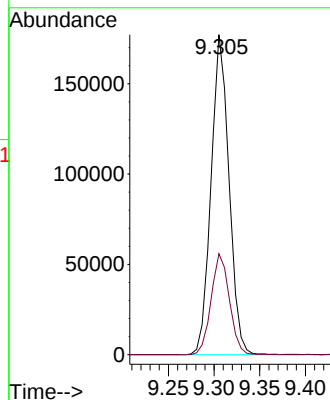
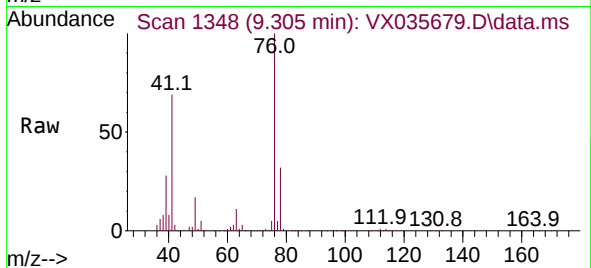
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.731 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035679.D

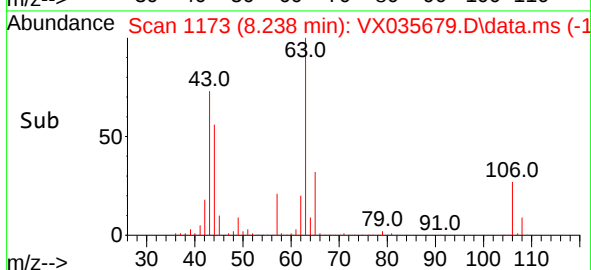
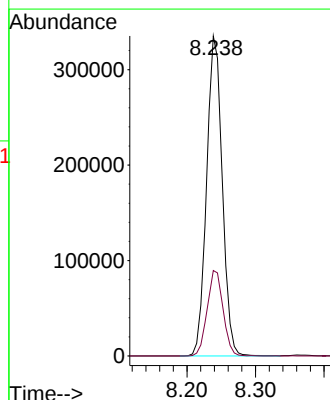
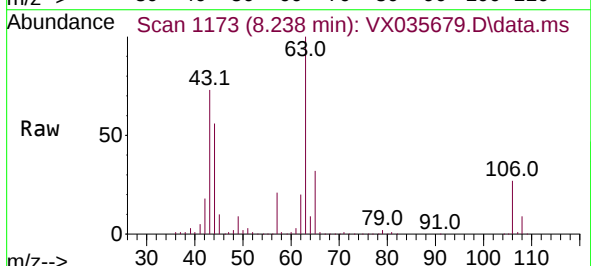
Acq: 16 May 2023 10:05

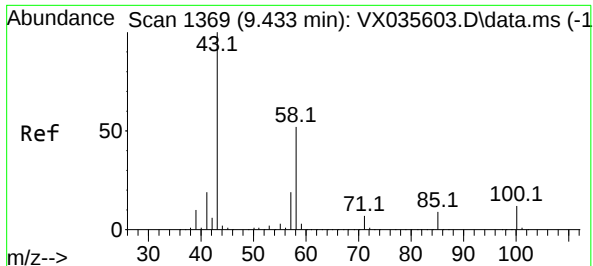
Tgt Ion: 63 Resp: 533706

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2





#59

2-Hexanone

Concen: 257.420 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 791458

Ion Ratio Lower Upper

43 100

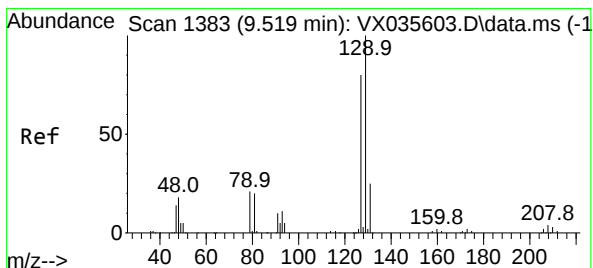
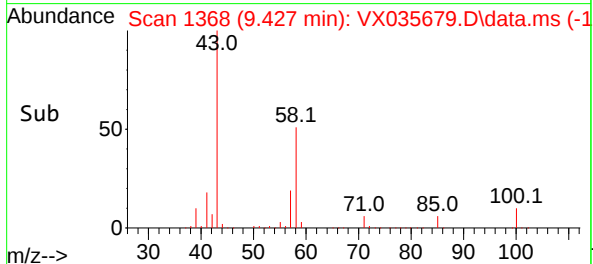
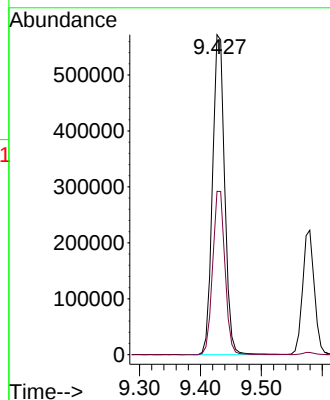
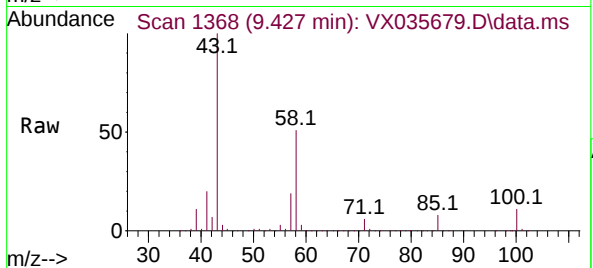
58 51.7 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#60

Dibromochloromethane

Concen: 53.311 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035679.D

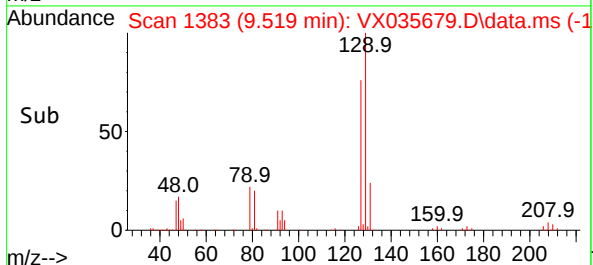
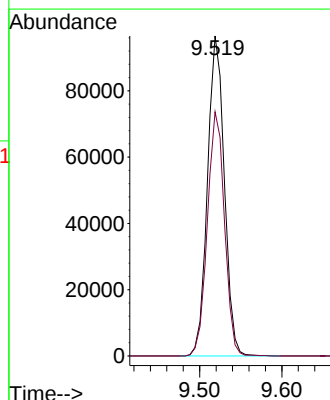
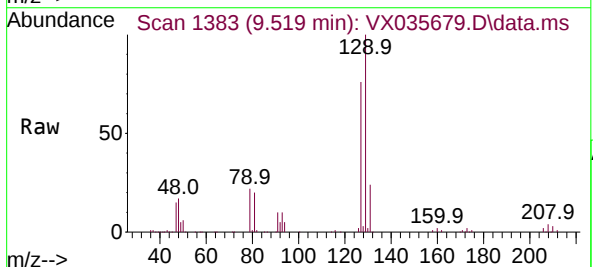
Acq: 16 May 2023 10:05

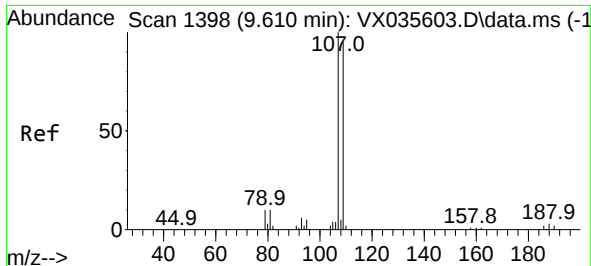
Tgt Ion:129 Resp: 137326

Ion Ratio Lower Upper

129 100

127 77.6 39.0 117.0





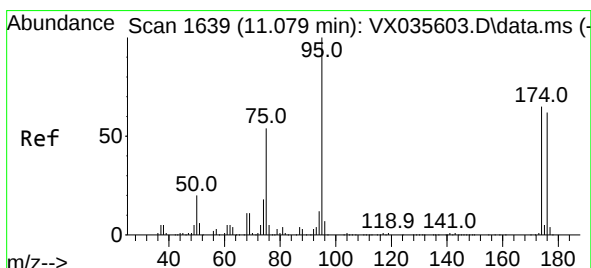
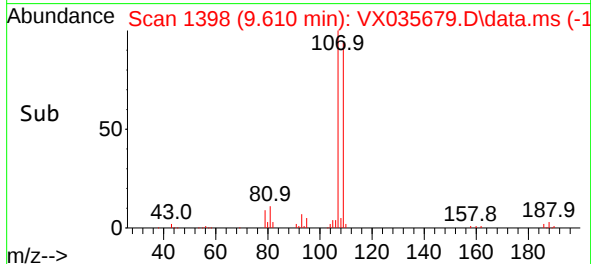
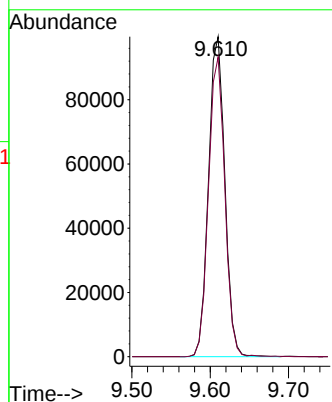
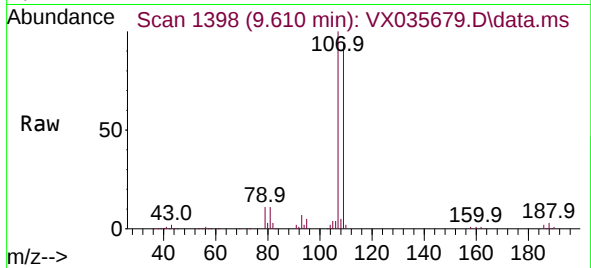
#61
1,2-Dibromoethane
Concen: 50.559 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 143950
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

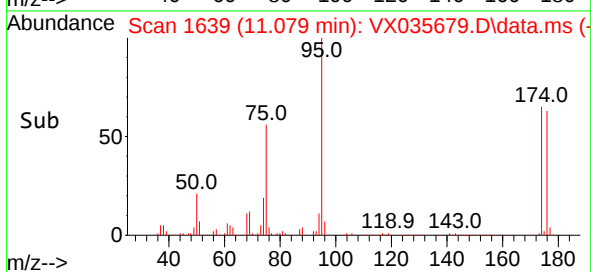
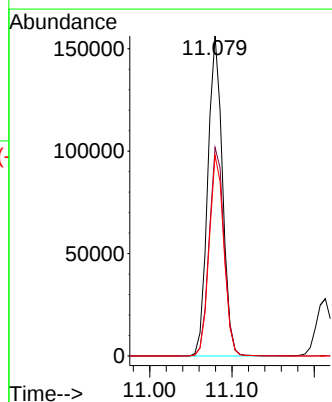
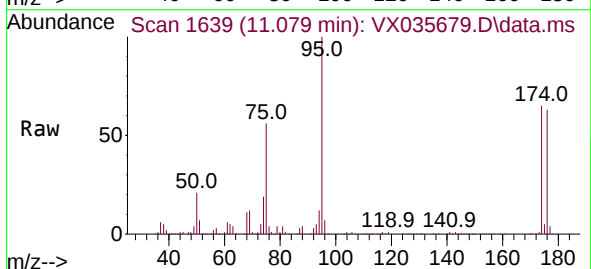
Manual Integrations
APPROVED

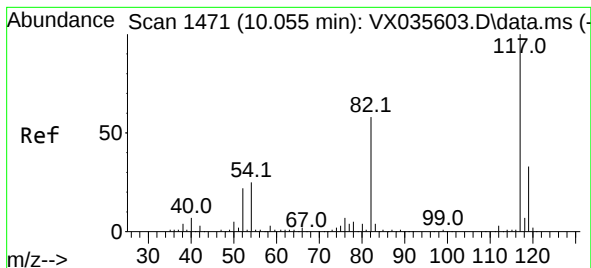
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 52.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

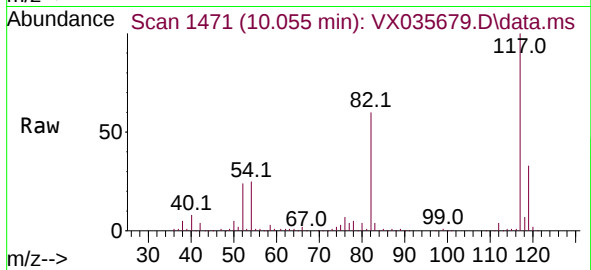
Tgt Ion: 95 Resp: 193944
Ion Ratio Lower Upper
95 100
174 66.4 0.0 147.4
176 62.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

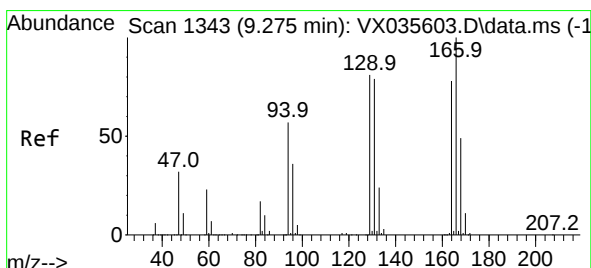
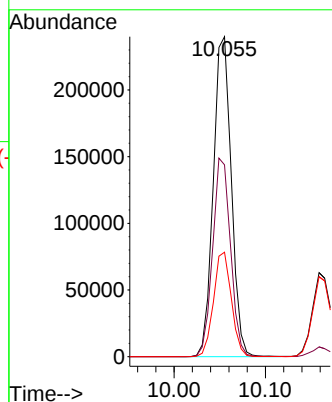
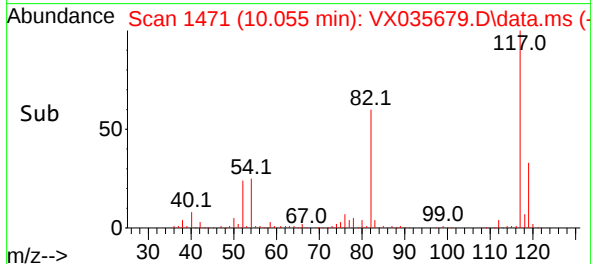
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 32916
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 32.7 26.0 39.0

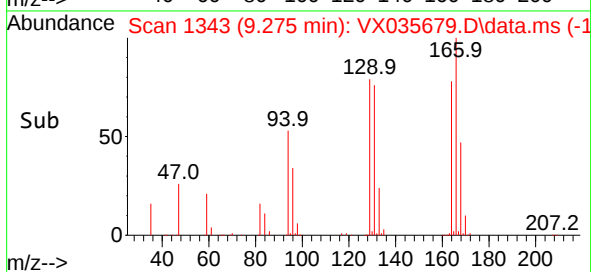
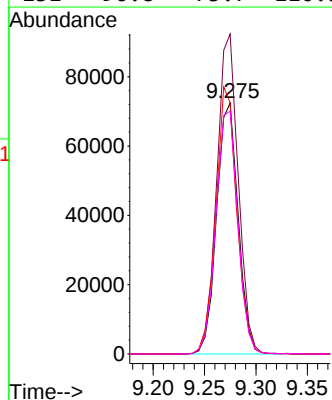
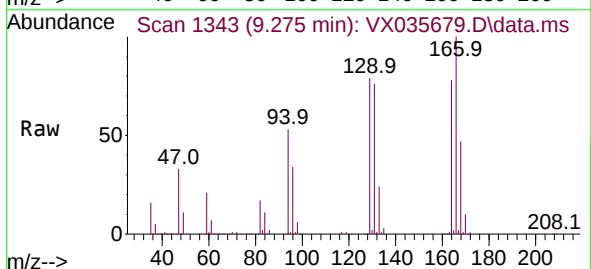
Manual Integrations
APPROVED

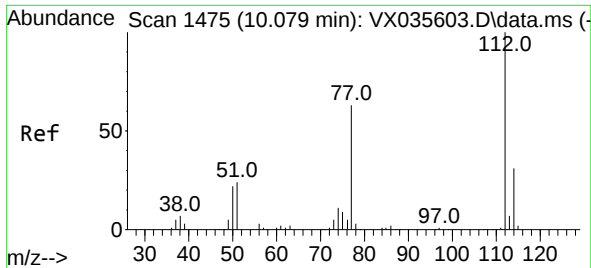
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 47.512 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion:164 Resp: 105289
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 100.1 75.6 113.4
131 96.8 73.7 110.5





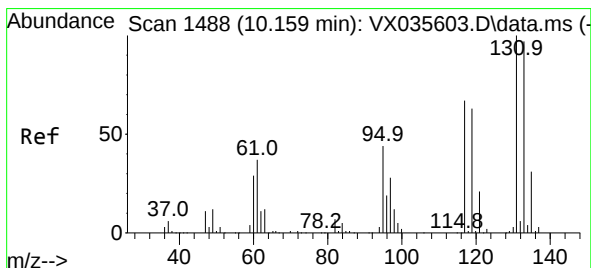
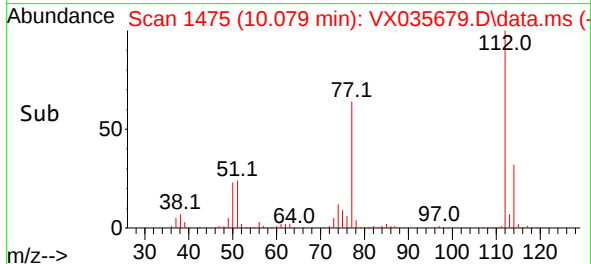
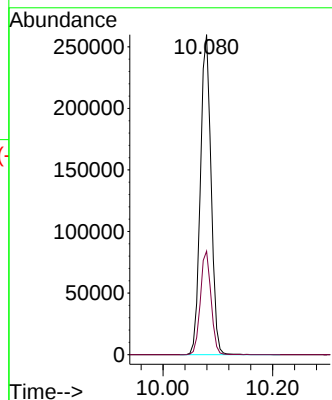
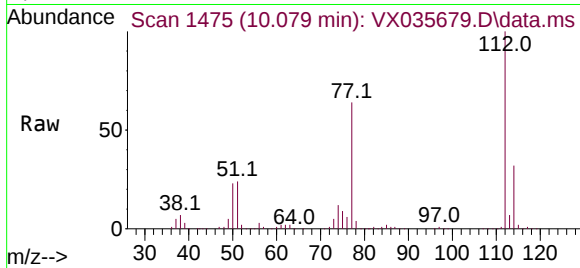
#65
Chlorobenzene
Concen: 48.921 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 351514
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

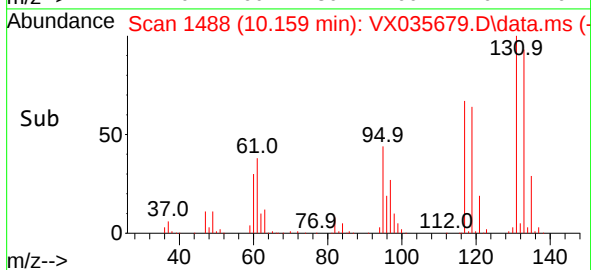
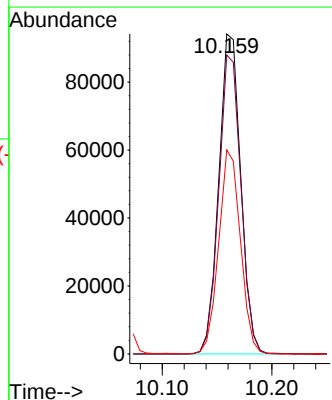
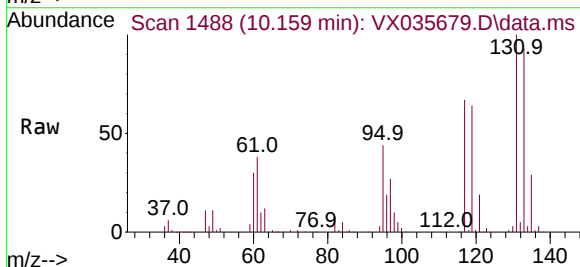
Manual Integrations
APPROVED

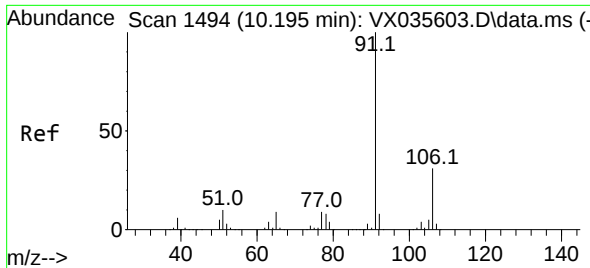
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.551 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

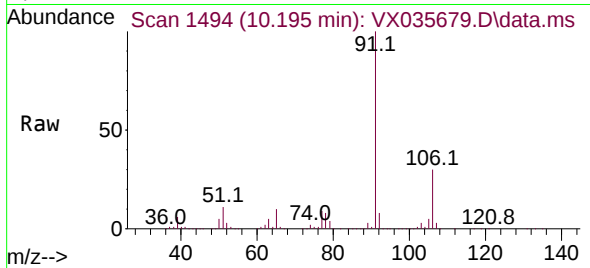
Tgt Ion:131 Resp: 130973
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 63.3 32.6 98.0





#67
Ethyl Benzene
Concen: 49.062 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

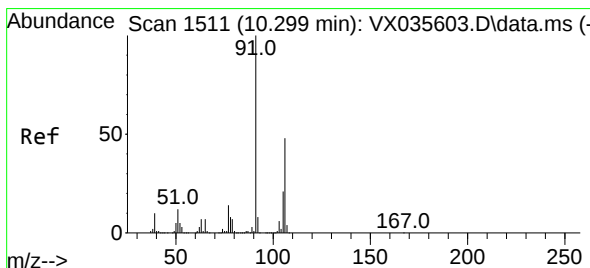
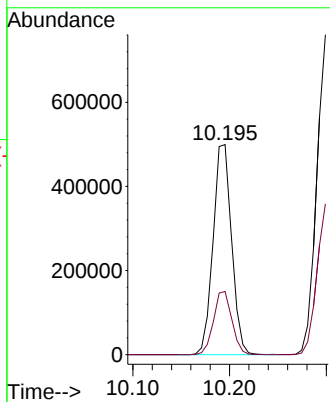
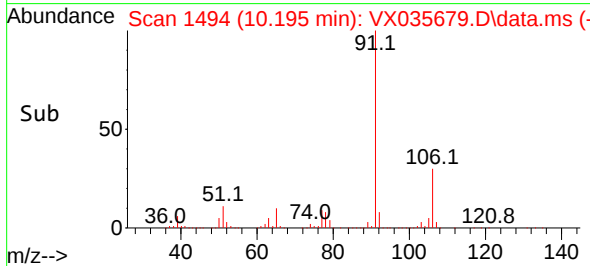
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



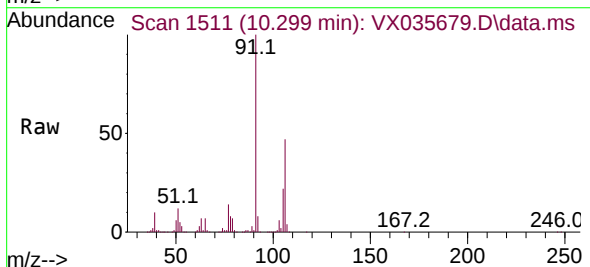
Tgt Ion: 91 Resp: 66300
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

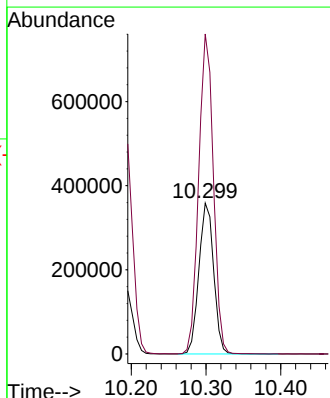
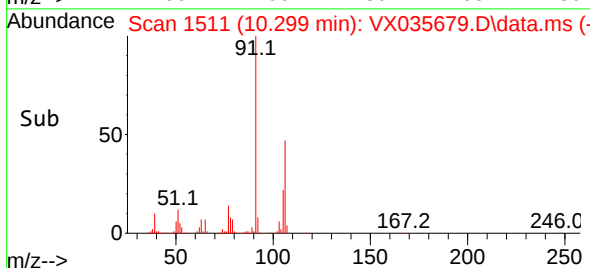
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

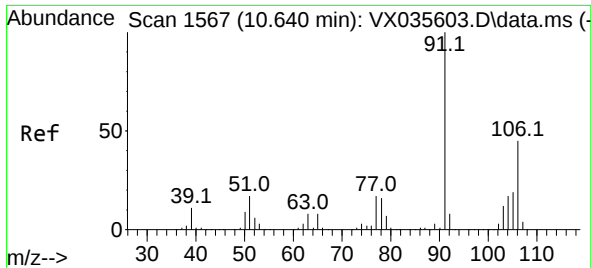


#68
m/p-Xylenes
Concen: 98.485 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion:106 Resp: 491942
Ion Ratio Lower Upper
106 100
91 210.9 164.0 246.0





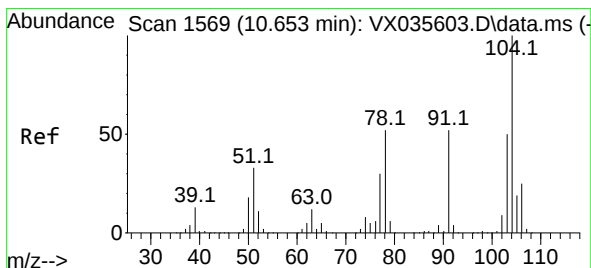
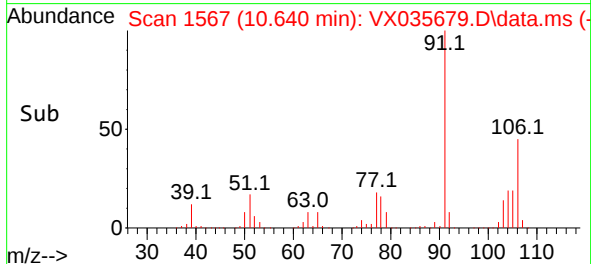
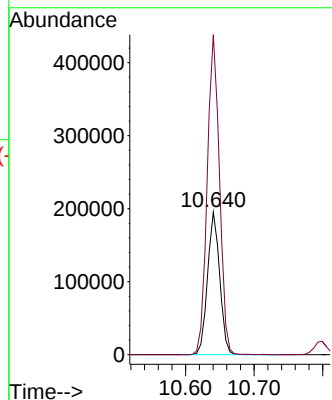
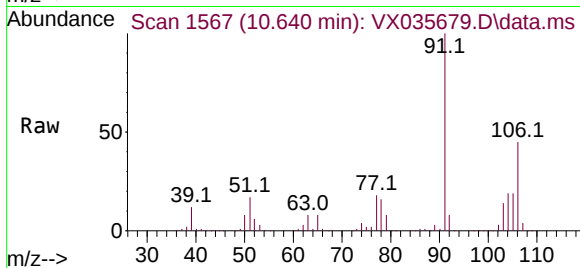
#69
o-Xylene
Concen: 48.703 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 241402
Ion Ratio Lower Upper
106 100
91 226.4 108.5 325.3

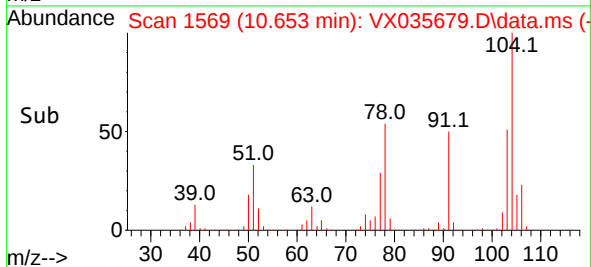
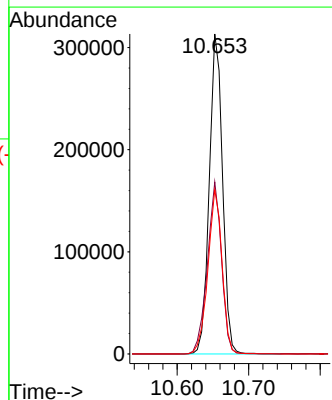
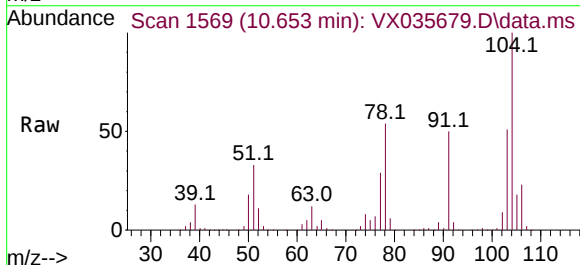
Manual Integrations
APPROVED

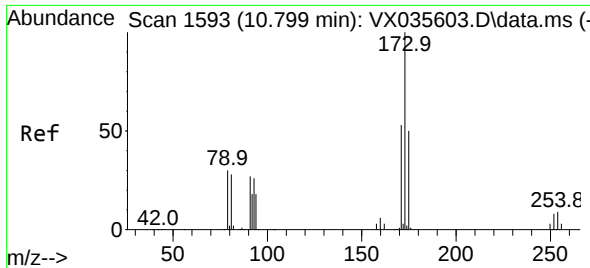
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 50.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

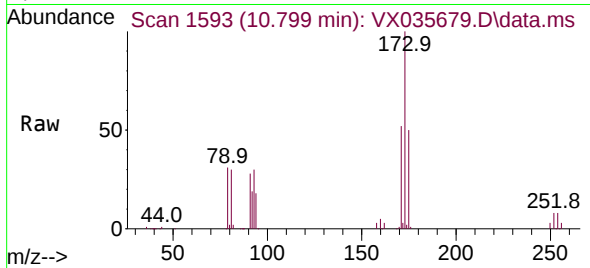
Tgt Ion:104 Resp: 404090
Ion Ratio Lower Upper
104 100
78 57.6 43.4 65.2
103 54.7 44.2 66.2





#71
Bromoform
Concen: 52.213 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

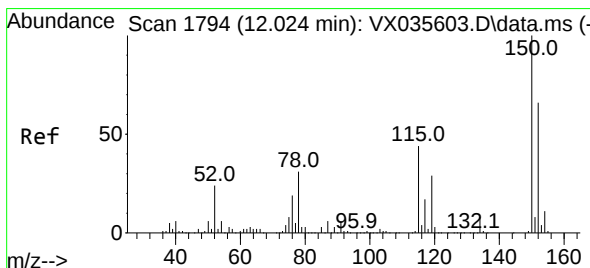
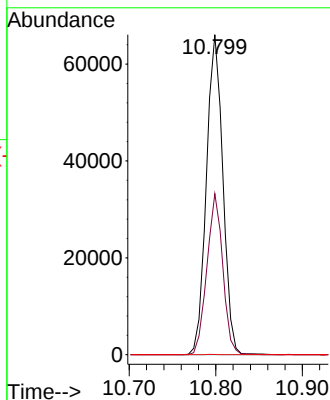
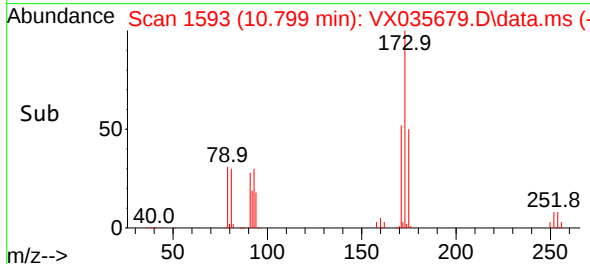
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



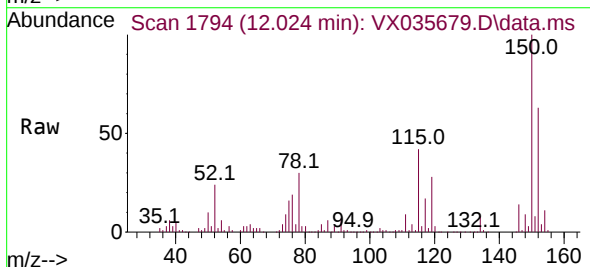
Tgt Ion:173 Resp: 8728
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

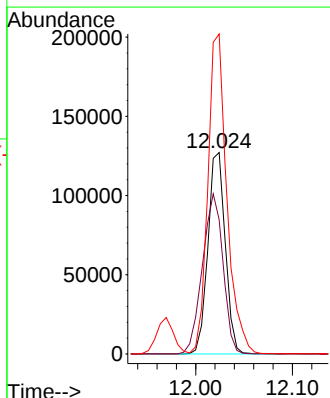
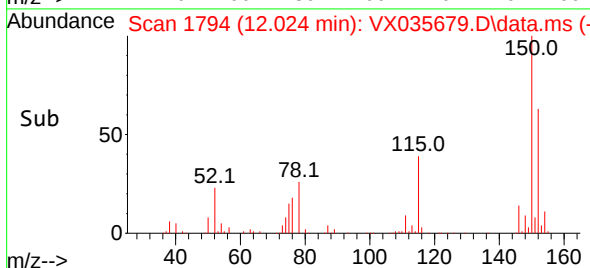
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

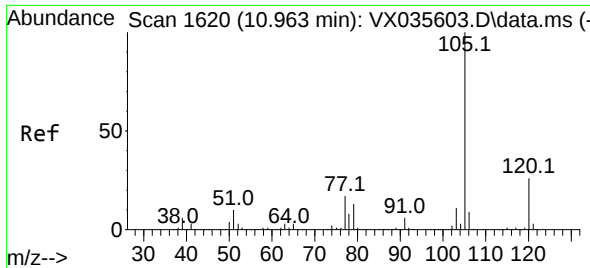


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion:152 Resp: 158938
Ion Ratio Lower Upper
152 100
115 94.2 45.0 135.0
150 173.8 0.0 352.4





#73
Isopropylbenzene
Concen: 48.156 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

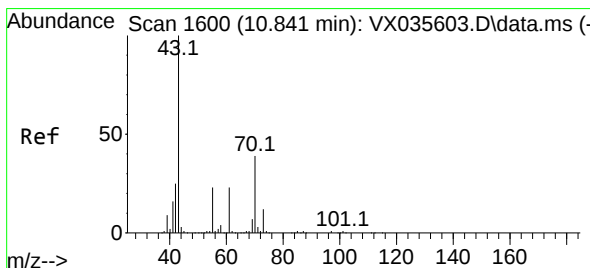
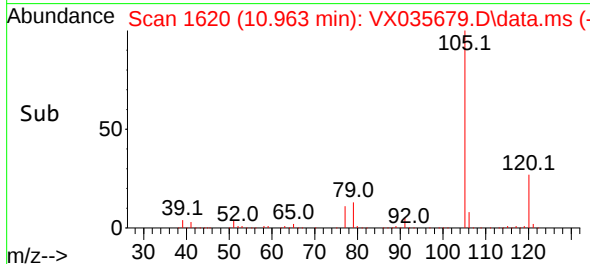
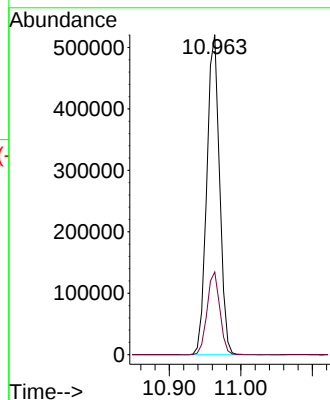
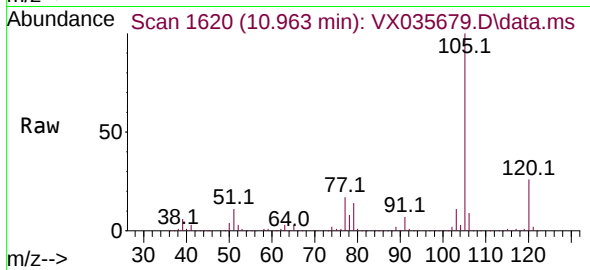
VSTDCCC050

Tgt Ion:105 Resp: 64495
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9

Manual Integrations

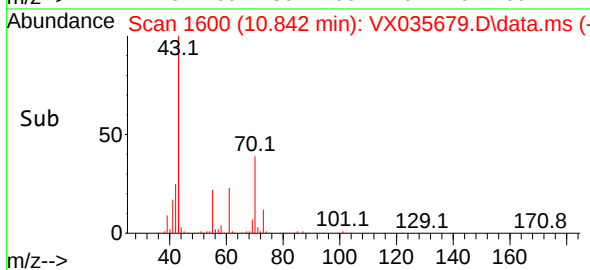
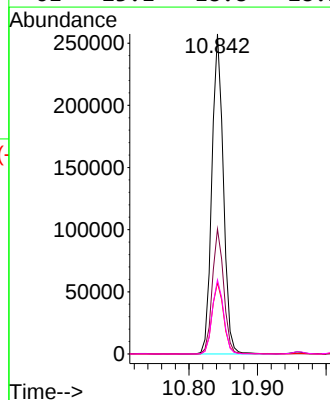
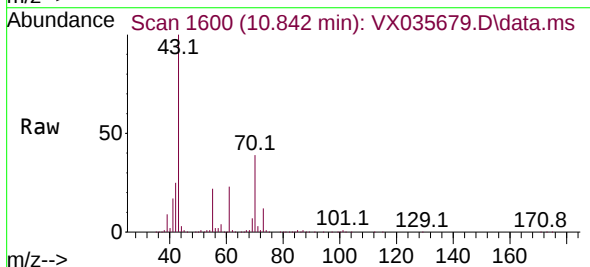
APPROVED

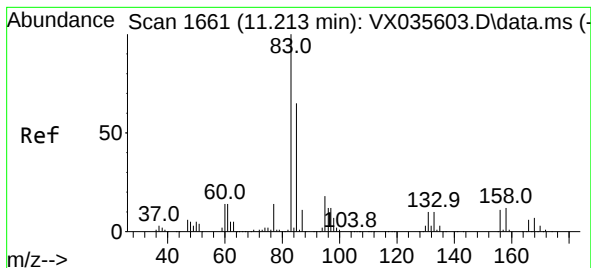
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#74
N-ethyl acetate
Concen: 47.982 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 43 Resp: 299623
Ion Ratio Lower Upper
43 100
70 38.9 32.1 48.1
55 22.7 18.3 27.5
61 23.1 18.8 28.2





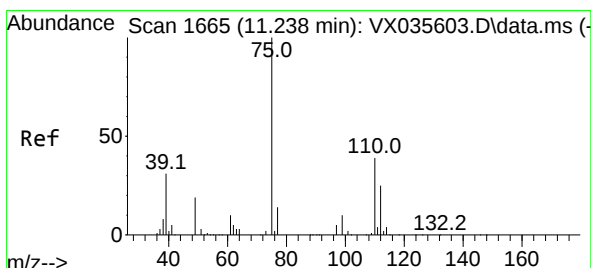
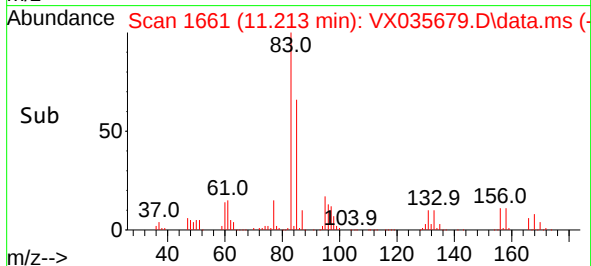
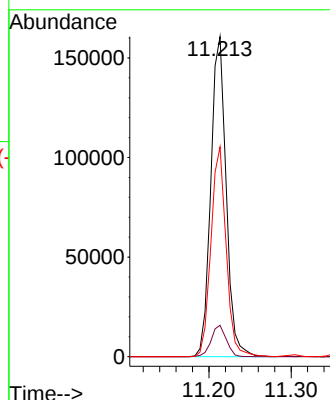
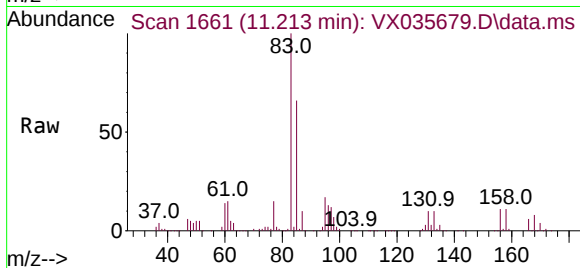
#75
1,1,2,2-Tetrachloroethane
Concen: 47.995 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 20851
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.9 32.0 96.0

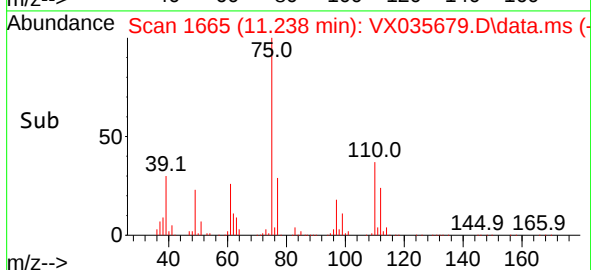
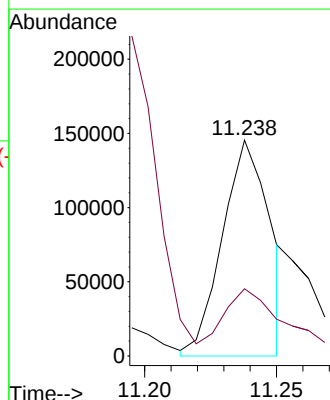
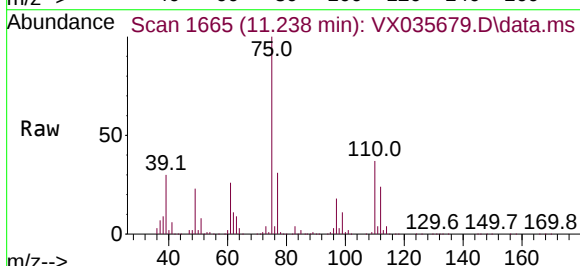
Manual Integrations
APPROVED

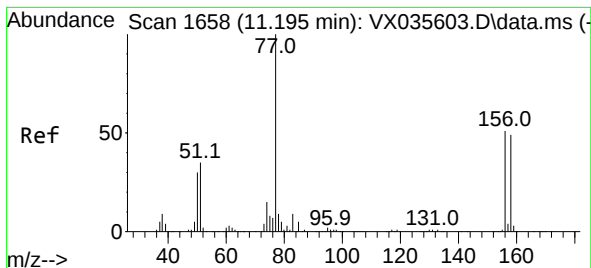
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 46.751 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 75 Resp: 181753
Ion Ratio Lower Upper
75 100
77 41.4 21.6 64.8





#77

Bromobenzene

Concen: 46.493 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 141330

Ion Ratio Lower Upper

156 100

77 194.0 86.7 259.9

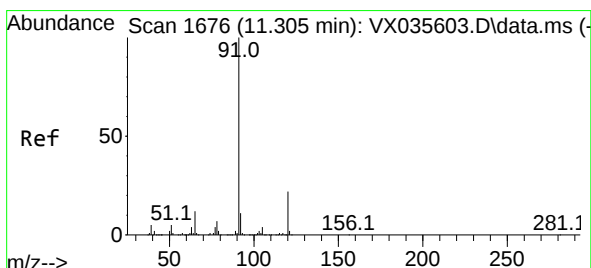
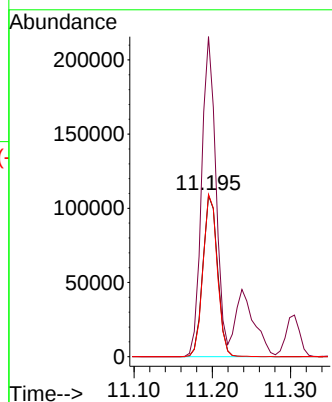
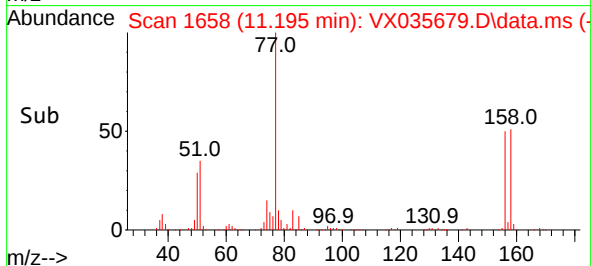
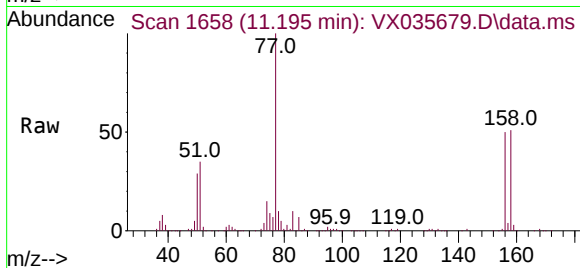
158 98.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#78

n-propylbenzene

Concen: 49.111 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035679.D

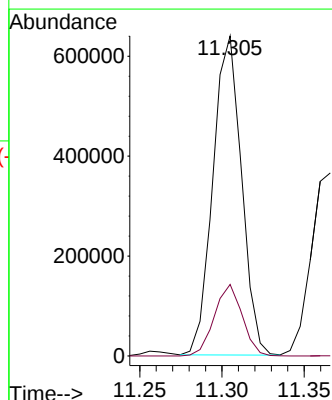
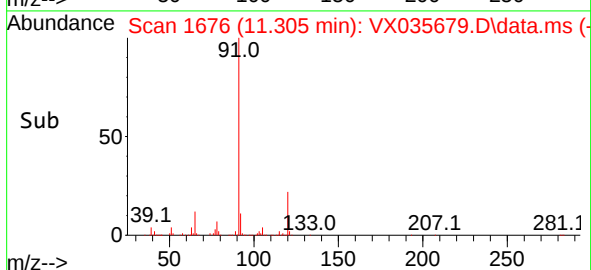
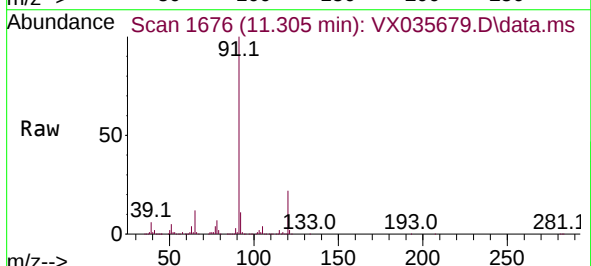
Acq: 16 May 2023 10:05

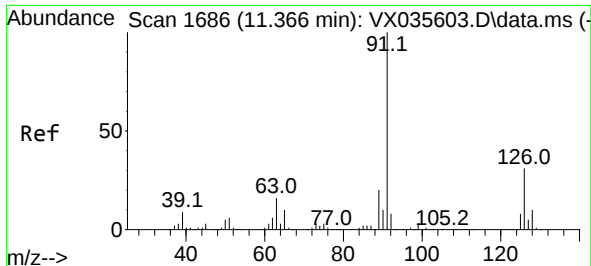
Tgt Ion: 91 Resp: 773182

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.5





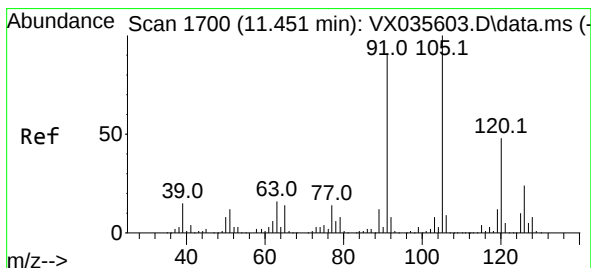
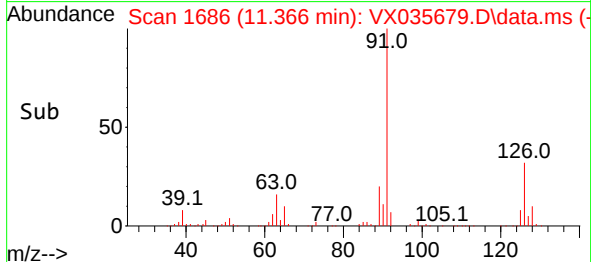
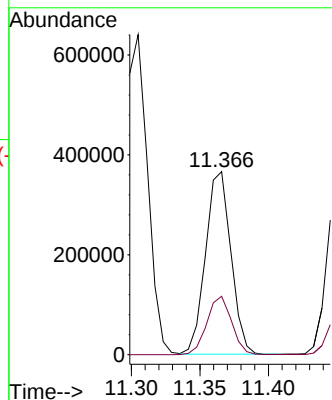
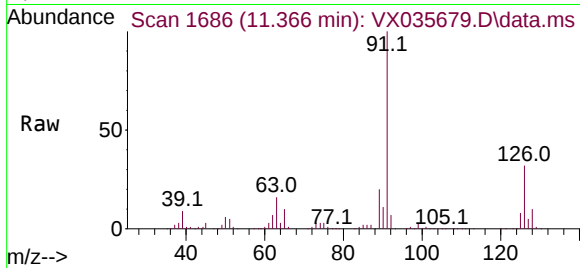
#79
2-Chlorotoluene
Concen: 47.770 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 470850
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.9

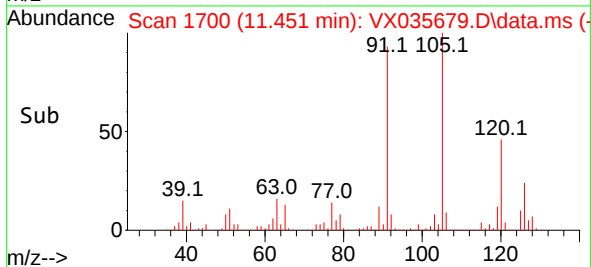
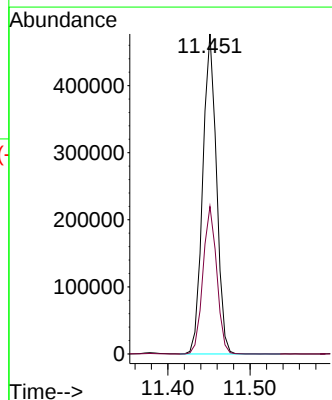
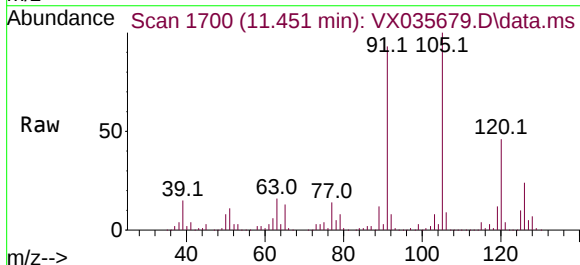
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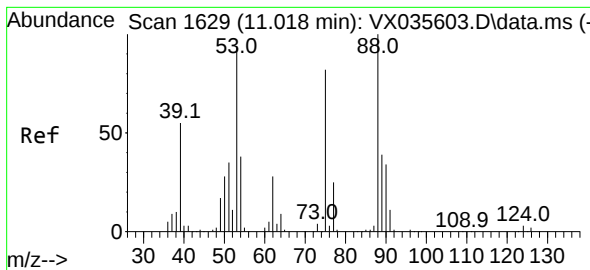
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.599 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion:105 Resp: 553205
Ion Ratio Lower Upper
105 100
120 46.2 23.7 71.1





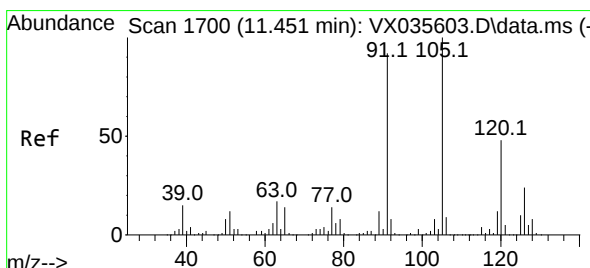
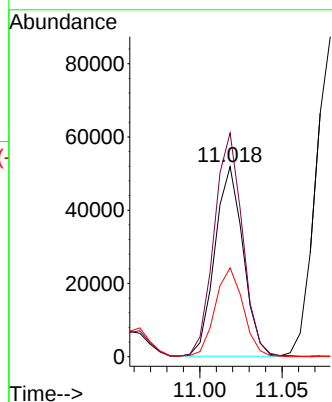
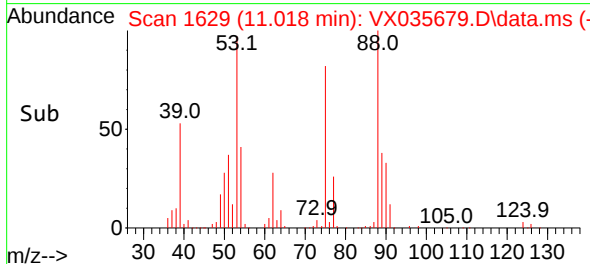
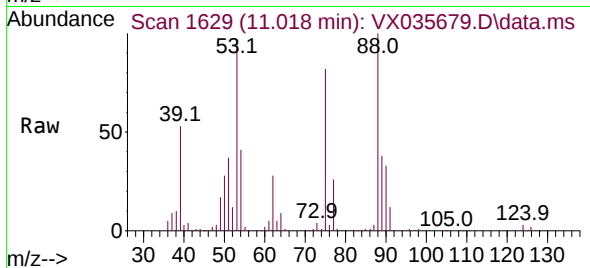
#81
trans-1,4-Dichloro-2-butene
Concen: 51.391 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 61992
Ion Ratio Lower Upper
75 100
53 118.0 82.6 124.0
89 46.6 36.9 55.3

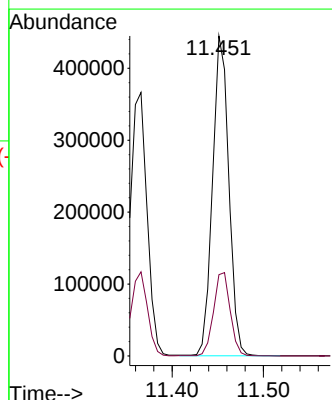
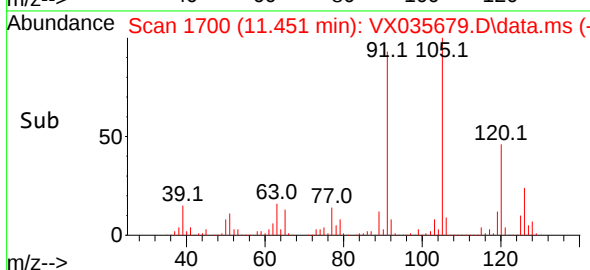
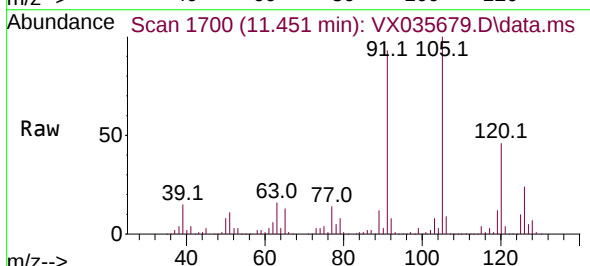
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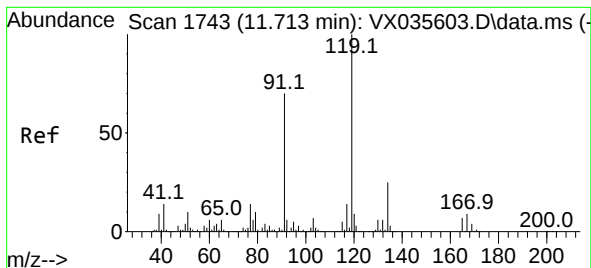
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 48.429 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion: 91 Resp: 549745
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.248 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 53384

Ion Ratio Lower Upper

119 100

91 65.6 30.6 92.0

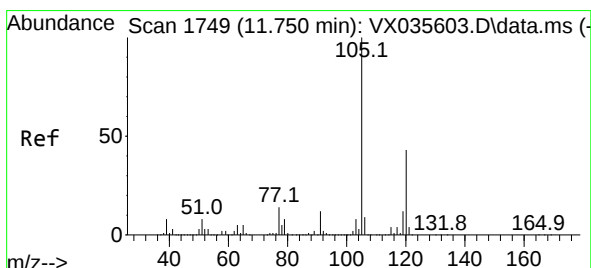
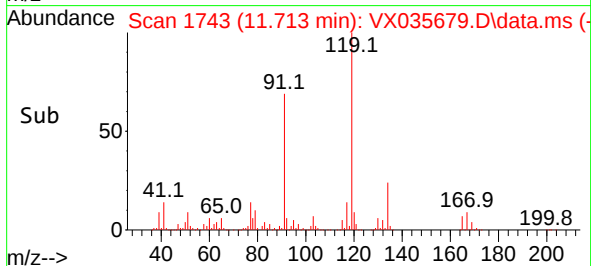
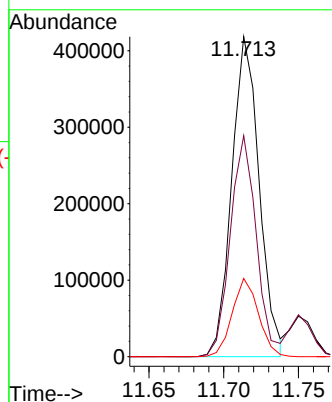
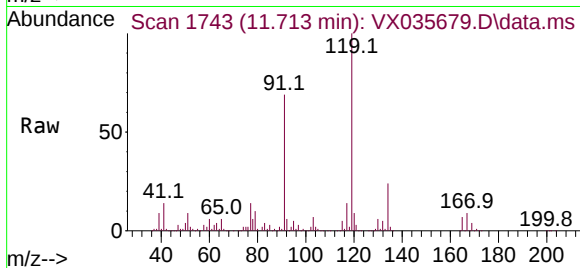
134 23.4 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 48.449 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035679.D

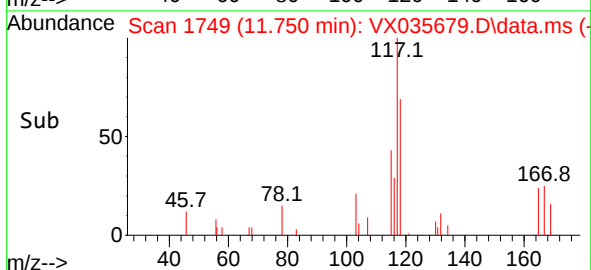
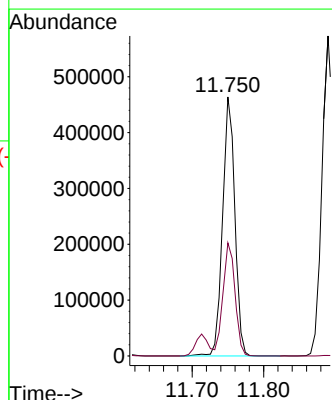
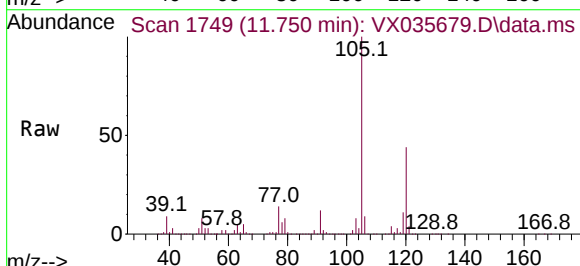
Acq: 16 May 2023 10:05

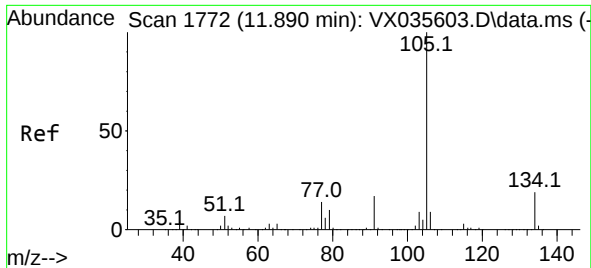
Tgt Ion:105 Resp: 553752

Ion Ratio Lower Upper

105 100

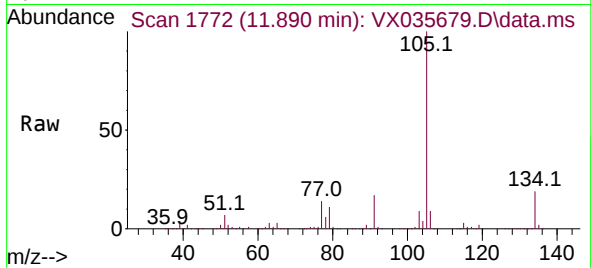
120 42.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 48.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05

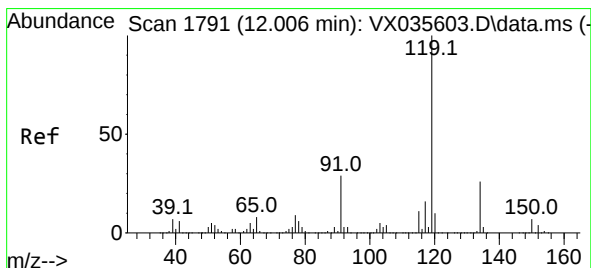
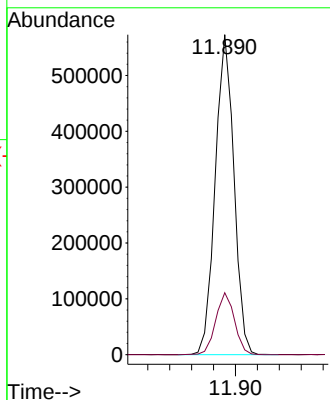
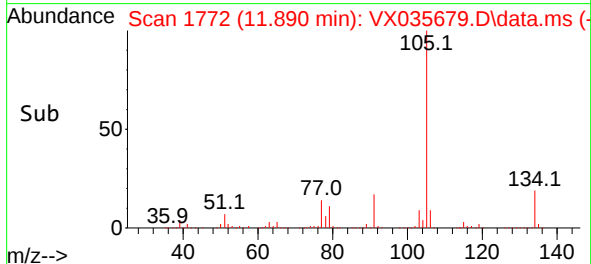
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



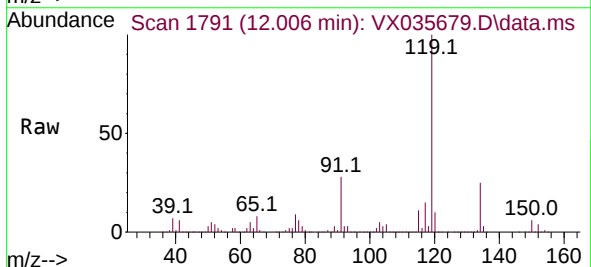
Tgt Ion:105 Resp: 67845
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

Manual Integrations
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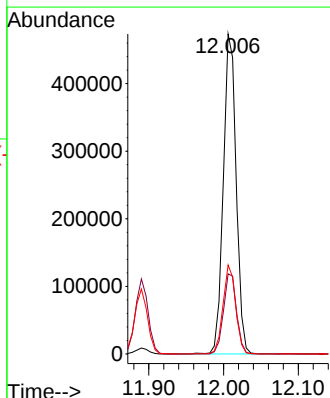
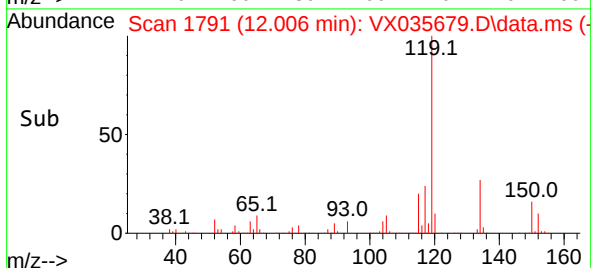
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

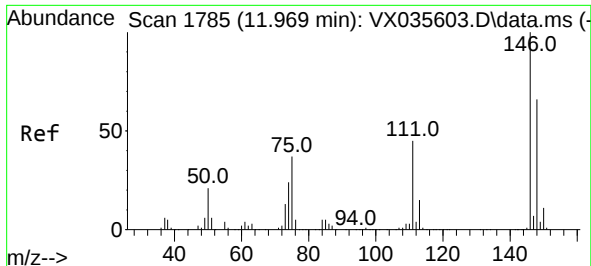


#86
 p-Isopropyltoluene
 Concen: 49.702 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035679.D
 Acq: 16 May 2023 10:05



Tgt Ion:119 Resp: 567661
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 27.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.020 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 277300

Ion Ratio Lower Upper

146 100

111 45.1 20.9 62.8

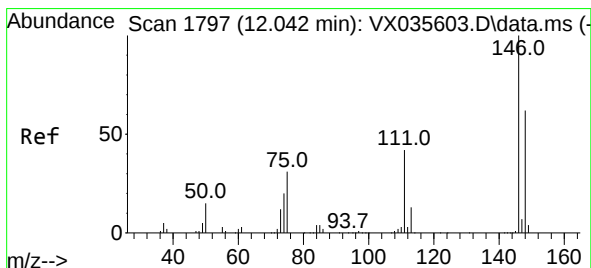
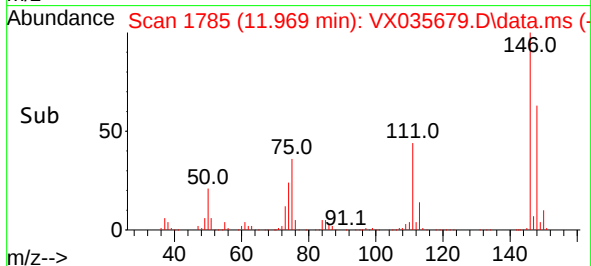
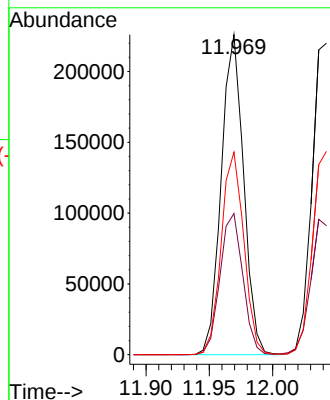
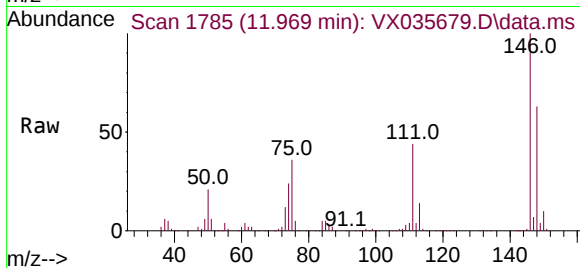
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#88

1,4-Dichlorobenzene

Concen: 48.283 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

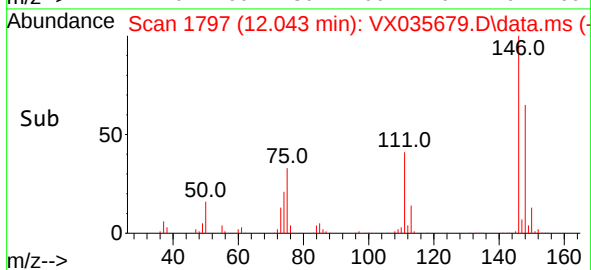
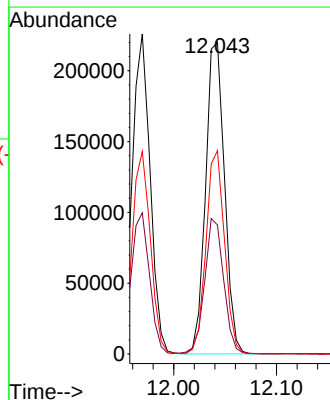
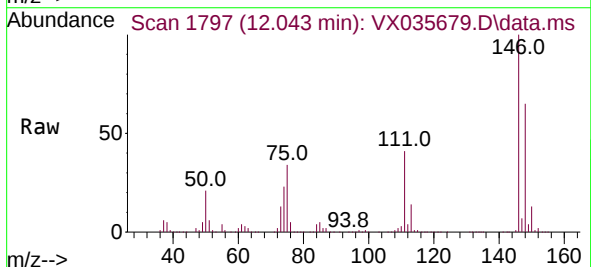
Tgt Ion:146 Resp: 281548

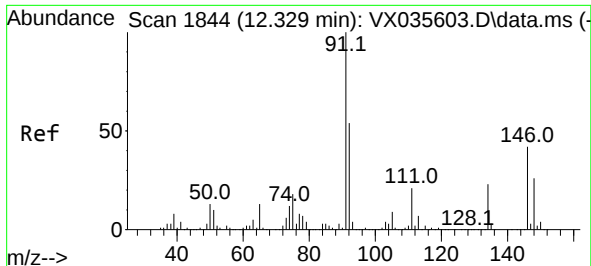
Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 50.449 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 52415

Ion Ratio Lower Upper

91 100

92 53.8 27.7 83.0

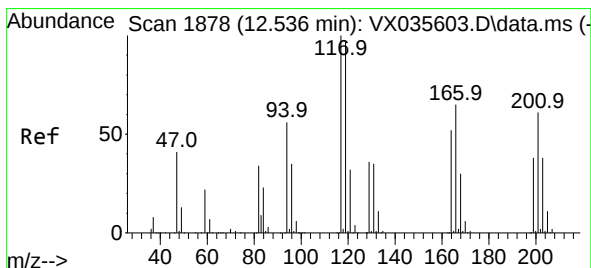
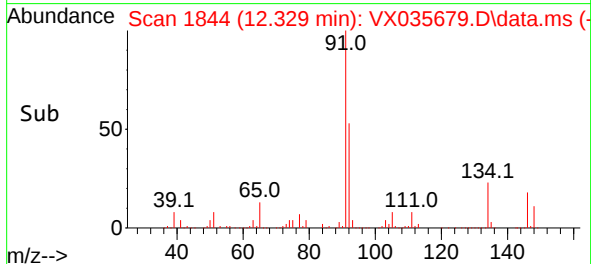
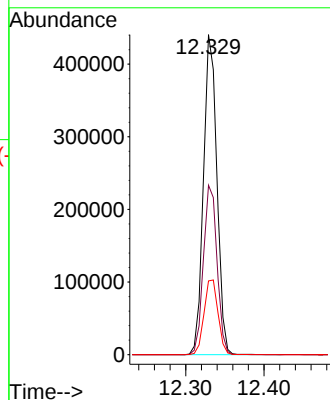
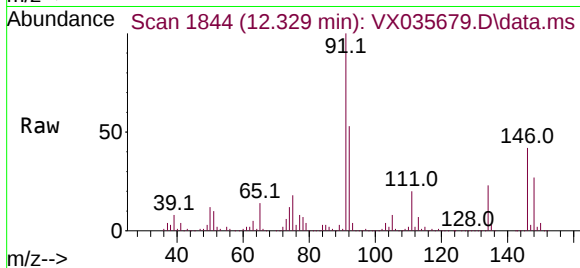
134 24.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#90

Hexachloroethane

Concen: 50.971 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035679.D

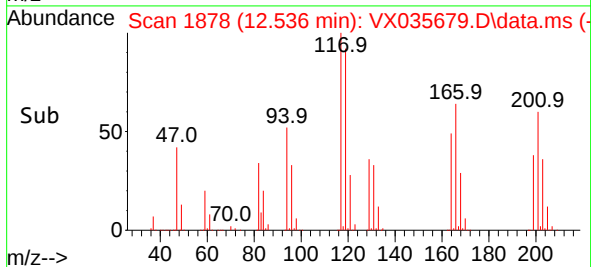
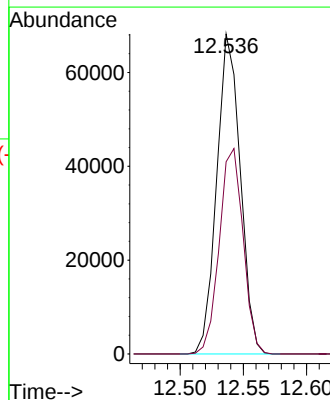
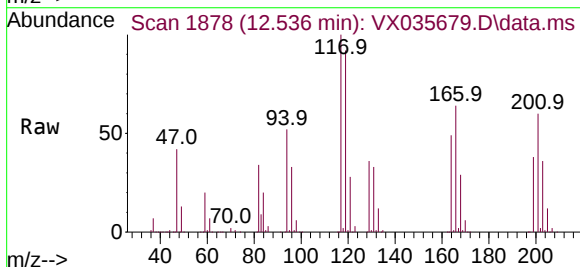
Acq: 16 May 2023 10:05

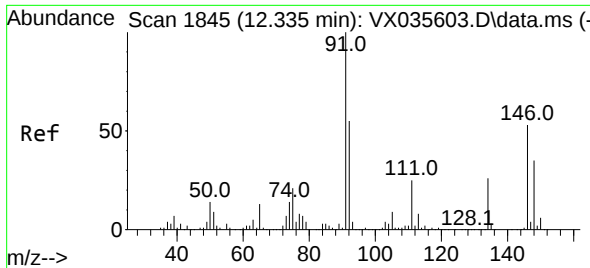
Tgt Ion:117 Resp: 88237

Ion Ratio Lower Upper

117 100

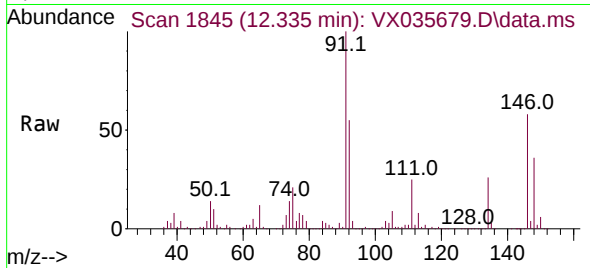
201 65.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 48.617 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

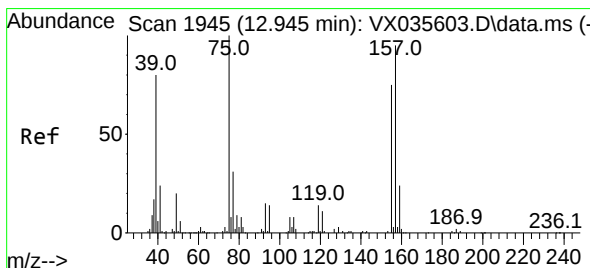
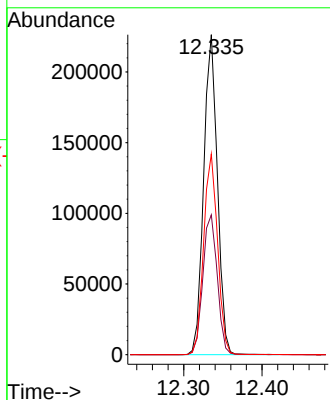
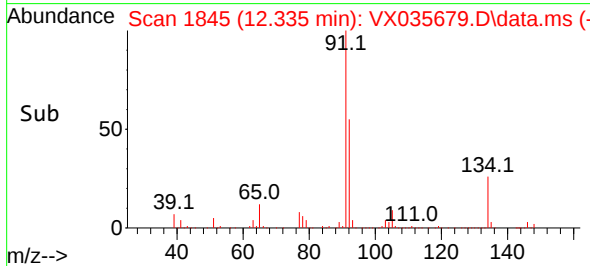
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



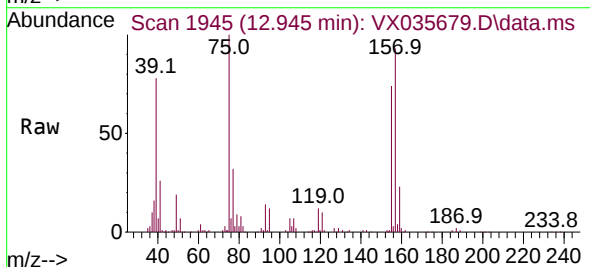
Tgt Ion:146 Resp: 27492
Ion Ratio Lower Upper
146 100
111 45.8 22.0 66.0
148 63.7 32.0 96.0

Manual Integrations
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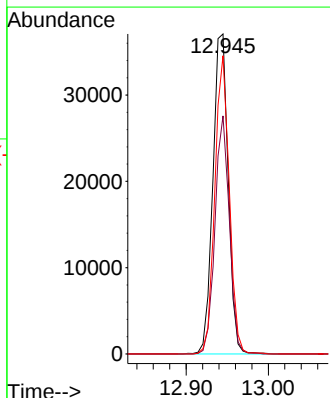
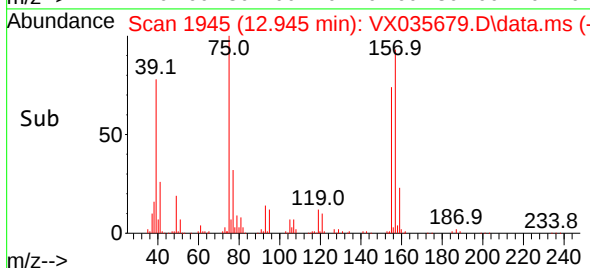
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

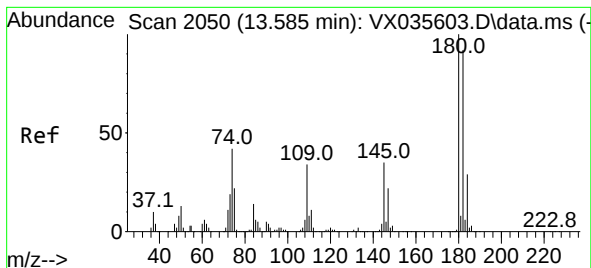


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.789 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05



Tgt Ion: 75 Resp: 48168
Ion Ratio Lower Upper
75 100
155 69.7 38.4 115.1
157 87.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 50.936 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

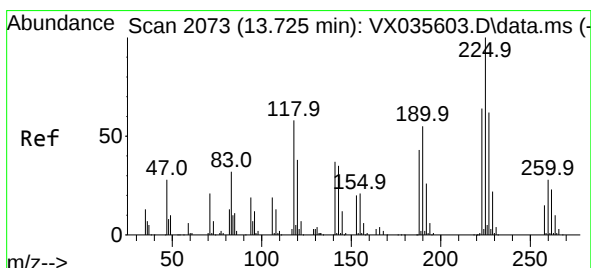
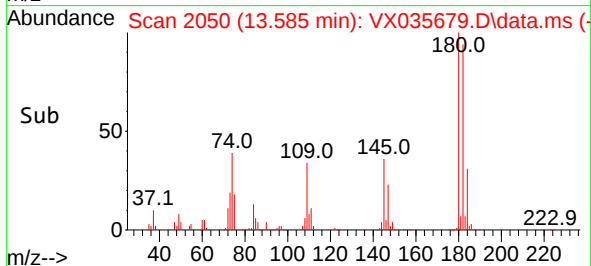
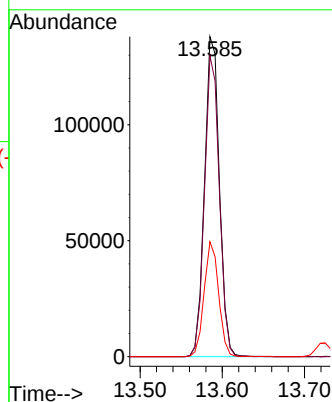
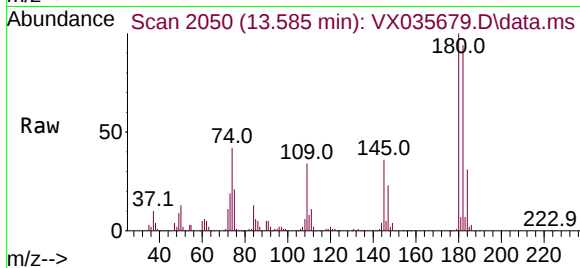
Tgt Ion:180	Resp: 17343
Ion Ratio	Lower Upper
180	100
182	93.7 47.0 141.0
145	35.2 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#94

Hexachlorobutadiene

Concen: 49.884 ug/l

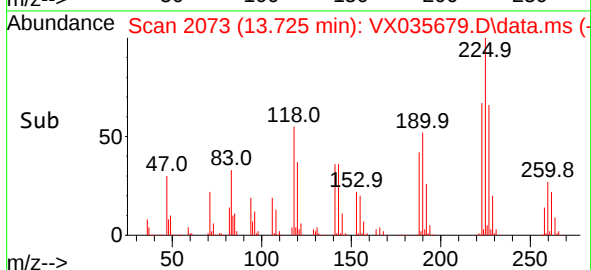
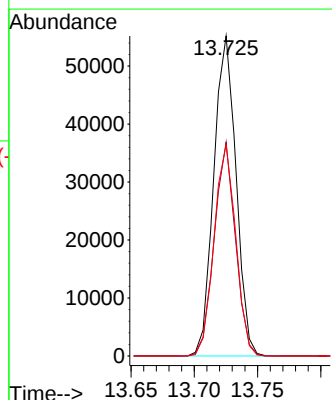
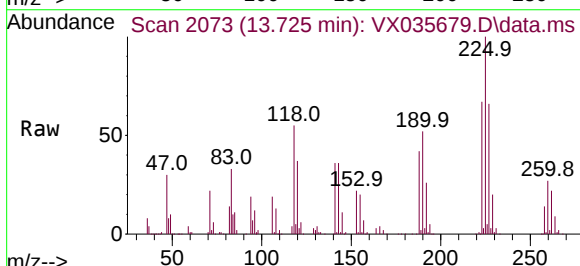
RT: 13.725 min Scan# 2073

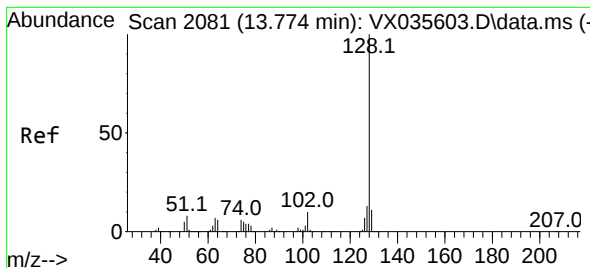
Delta R.T. 0.000 min

Lab File: VX035679.D

Acq: 16 May 2023 10:05

Tgt Ion:225	Resp: 67417
Ion Ratio	Lower Upper
225	100
223	63.6 32.1 96.5
227	64.3 31.8 95.4





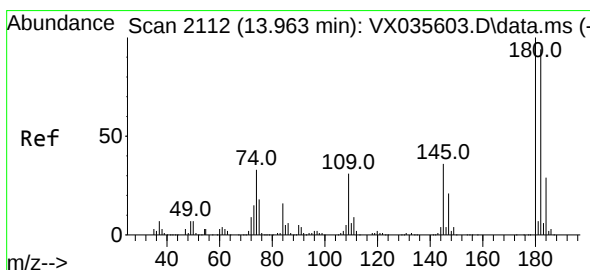
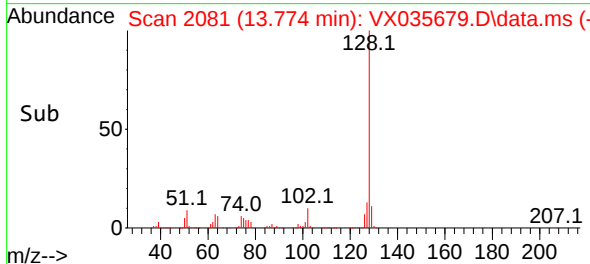
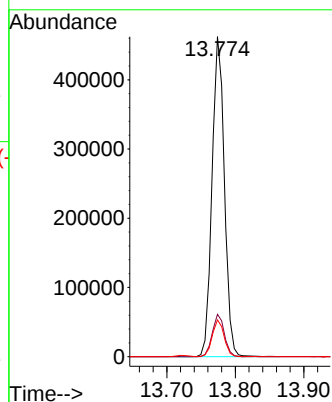
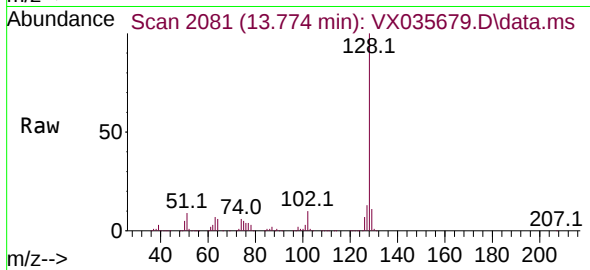
#95
Naphthalene
Concen: 49.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 578808
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.119 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035679.D
Acq: 16 May 2023 10:05

Tgt Ion:180 Resp: 167833
Ion Ratio Lower Upper
180 100
182 92.4 48.0 144.2
145 37.1 17.7 53.1

