

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035652.D
 Acq On : 15 May 2023 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 04:50:53 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	212233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	378931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186155	50.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.560%			
35) Dibromofluoromethane	5.379	113	127516	49.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.647	98	445302	47.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.340%			
62) 4-Bromofluorobenzene	11.079	95	188300	49.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122160	44.166	ug/l	100
3) Chloromethane	1.294	50	132731	39.543	ug/l	100
4) Vinyl Chloride	1.374	62	123368	43.308	ug/l	97
5) Bromomethane	1.618	94	76593	49.646	ug/l	96
6) Chloroethane	1.691	64	77427	44.804	ug/l	100
7) Trichlorofluoromethane	1.886	101	184975	44.162	ug/l	98
8) Diethyl Ether	2.130	74	77540	48.081	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	111890	44.993	ug/l	97
10) Methyl Iodide	2.453	142	117219	52.703	ug/l	90
11) Tert butyl alcohol	3.026	59	156508	239.596	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	105491	44.634	ug/l	91
13) Acrolein	2.239	56	179932	232.084	ug/l	99
14) Allyl chloride	2.666	41	234429	46.299	ug/l	94
15) Acrylonitrile	3.068	53	358501	249.236	ug/l	99
16) Acetone	2.398	43	473263	297.403	ug/l	95
17) Carbon Disulfide	2.514	76	254705	44.653	ug/l	100
18) Methyl Acetate	2.703	43	291589	49.685	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	458860	48.788	ug/l	99
20) Methylene Chloride	2.788	84	133811	46.397	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	118476	45.747	ug/l	91
22) Diisopropyl ether	3.751	45	473266	47.738	ug/l	93
23) Vinyl Acetate	3.721	43	1746408	248.964	ug/l	98
24) 1,1-Dichloroethane	3.605	63	249661	47.087	ug/l	98
25) 2-Butanone	4.562	43	577482	262.149	ug/l	100
26) 2,2-Dichloropropane	4.471	77	212688	47.370	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	147857	47.492	ug/l	94
28) Bromochloromethane	4.891	49	125091	52.452	ug/l	97
29) Tetrahydrofuran	5.007	42	331351	239.314	ug/l	99
30) Chloroform	5.093	83	259095	47.688	ug/l	100
31) Cyclohexane	5.471	56	202783	43.350	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	218443	46.209	ug/l	98
36) 1,1-Dichloropropene	5.690	75	177597	44.028	ug/l	97
37) Ethyl Acetate	4.708	43	205507	48.845	ug/l	100
38) Carbon Tetrachloride	5.672	117	177600	46.478	ug/l	98
39) Methylcyclohexane	7.379	83	209641	44.151	ug/l	93
40) Benzene	6.037	78	517021	45.817	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	120147	48.096	ug/l	97
42) 1,2-Dichloroethane	6.080	62	233895	48.184	ug/l	97
43) Isopropyl Acetate	6.336	43	356771	48.629	ug/l	100
44) Trichloroethene	7.123	130	129642	45.309	ug/l	93
45) 1,2-Dichloropropane	7.427	63	142425	47.655	ug/l	99
46) Dibromomethane	7.580	93	99865	48.816	ug/l	94
47) Bromodichloromethane	7.818	83	198953	50.315	ug/l	98
48) Methyl methacrylate	7.690	41	178151	49.203	ug/l	96
49) 1,4-Dioxane	7.726	88	65749	887.909	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	1042464	246.638	ug/l	98
52) Toluene	8.714	92	325383	45.679	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	226461	52.715	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	235639	51.195	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	138242	49.412	ug/l	99
56) Ethyl methacrylate	9.116	69	222723	49.158	ug/l	95
57) 1,3-Dichloropropane	9.305	76	244098	48.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	594566	257.963	ug/l	99
59) 2-Hexanone	9.427	43	822327	258.341	ug/l	98
60) Dibromochloromethane	9.519	129	141418	53.028	ug/l	100
61) 1,2-Dibromoethane	9.604	107	144089	48.882	ug/l	100
64) Tetrachloroethene	9.275	164	102643	45.148	ug/l	96
65) Chlorobenzene	10.079	112	345835	46.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	129469	49.672	ug/l	99
67) Ethyl Benzene	10.189	91	632514	45.624	ug/l	97
68) m/p-Xylenes	10.299	106	472673	92.238	ug/l	95
69) o-Xylene	10.640	106	233869	45.991	ug/l	94
70) Styrene	10.653	104	395333	48.238	ug/l	98
71) Bromoform	10.799	173	92143	53.729	ug/l #	100
73) Isopropylbenzene	10.963	105	610881	44.704	ug/l	98
74) N-amyl acetate	10.842	43	302632	47.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	210689	47.529	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183279m	46.205	ug/l	
77) Bromobenzene	11.195	156	142617	45.982	ug/l	92
78) n-propylbenzene	11.305	91	730820	45.496	ug/l	98
79) 2-Chlorotoluene	11.366	91	449254	44.671	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	531079	45.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64613	52.498	ug/l	91
82) 4-Chlorotoluene	11.451	91	532140	45.945	ug/l	97
83) tert-Butylbenzene	11.713	119	510633	45.231	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	537247	46.069	ug/l	97
85) sec-Butylbenzene	11.890	105	638121	45.018	ug/l	98
86) p-Isopropyltoluene	12.006	119	537735	46.144	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	273541	46.426	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	275589	46.320	ug/l	98
89) n-Butylbenzene	12.329	91	495301	46.723	ug/l	98
90) Hexachloroethane	12.536	117	86988	49.250	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	267794	46.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50678	51.340	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	168356	48.461	ug/l	97
94) Hexachlorobutadiene	13.725	225	65074	47.192	ug/l	97
95) Naphthalene	13.774	128	582917	48.996	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	162029	47.422	ug/l	99

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MSVOA_X
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VSTDCCC050

Manual Integrations
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Quant Time: May 16 04:50:53 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

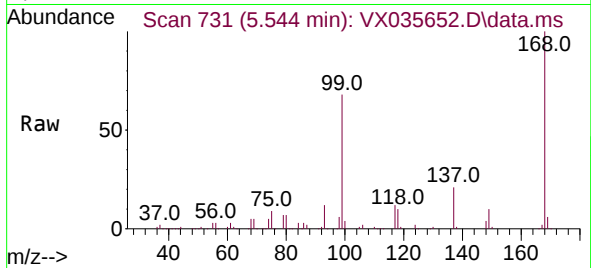
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

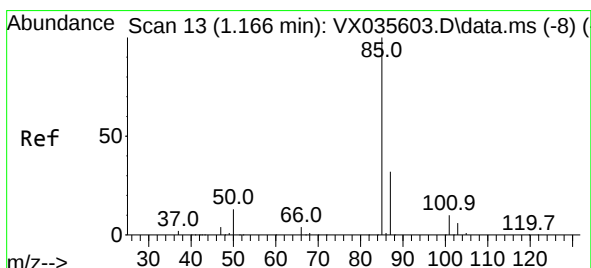
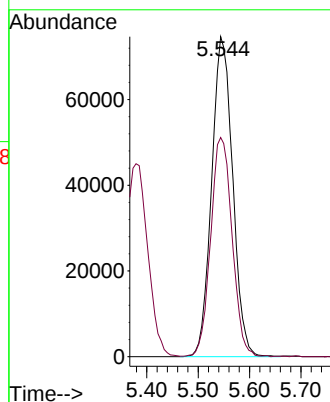
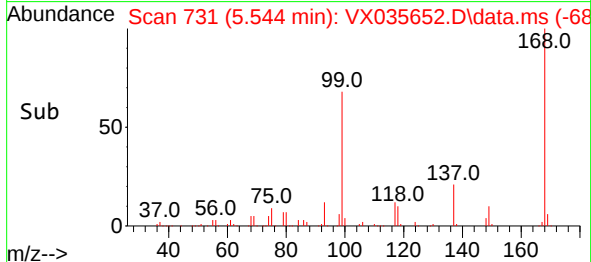
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21223
Ion Ratio Lower Upper
168 100
99 68.4 45.7 68.5

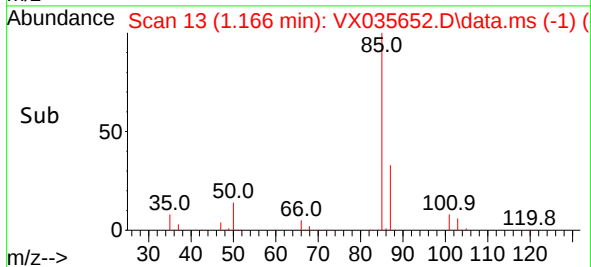
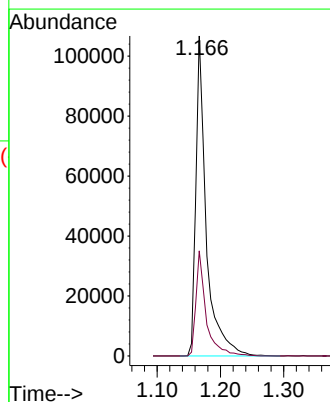
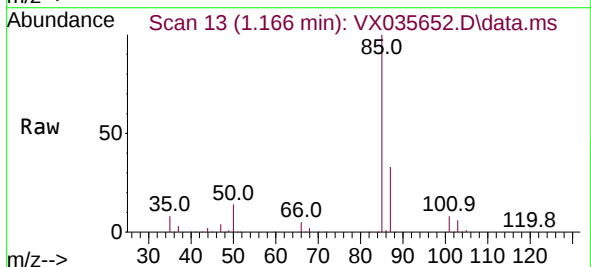
Manual Integrations
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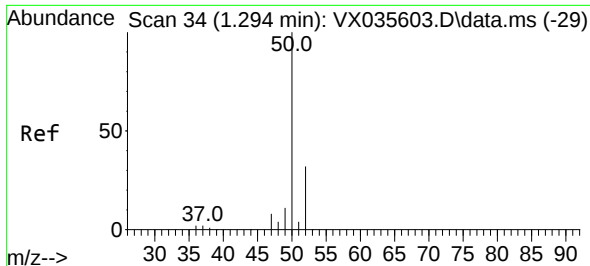
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#2
Dichlorodifluoromethane
Concen: 44.166 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

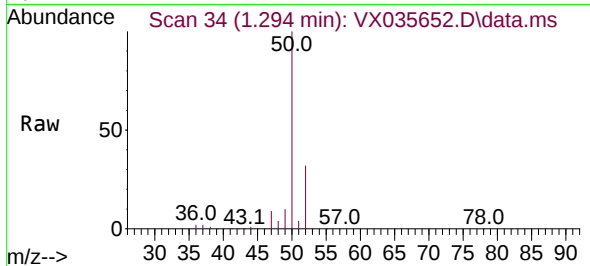
Tgt Ion: 85 Resp: 122160
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





#3
Chloromethane
Concen: 39.543 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

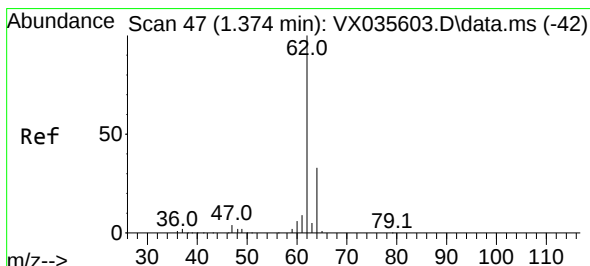
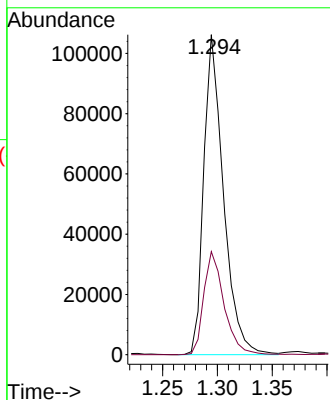
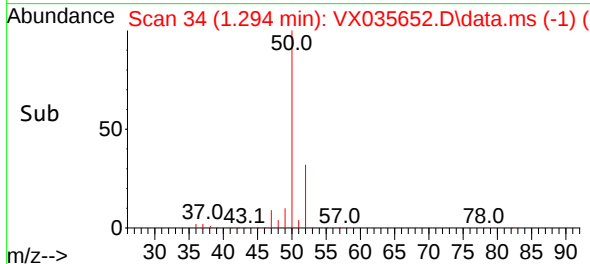
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 13273
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

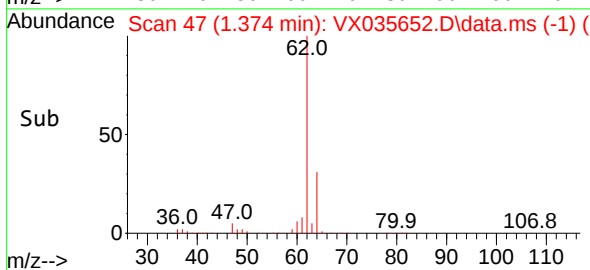
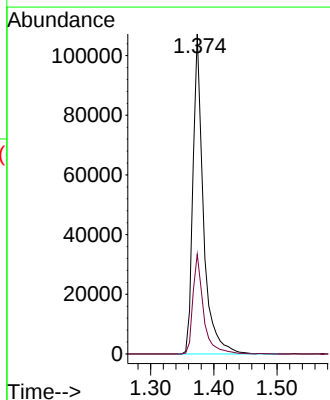
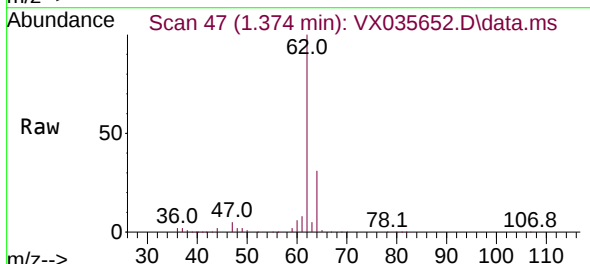
Manual Integrations
APPROVED

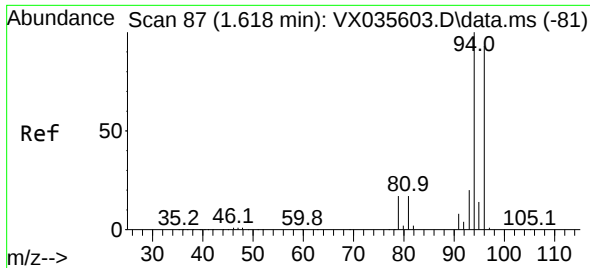
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Vinyl Chloride
Concen: 43.308 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

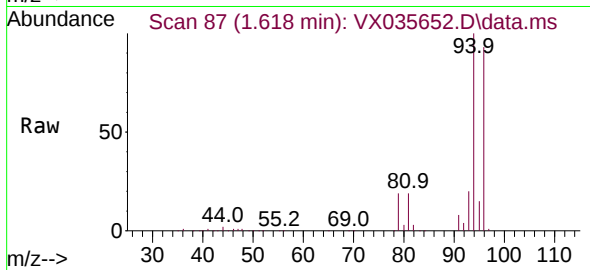
Tgt Ion: 62 Resp: 123368
Ion Ratio Lower Upper
62 100
64 31.2 26.4 39.6





#5
Bromomethane
Concen: 49.646 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

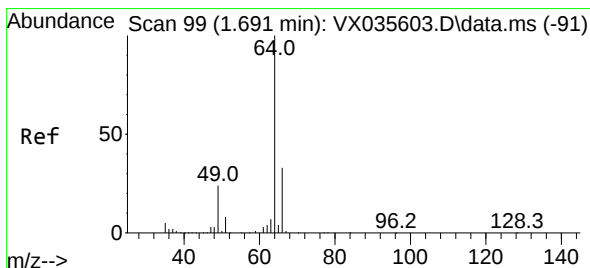
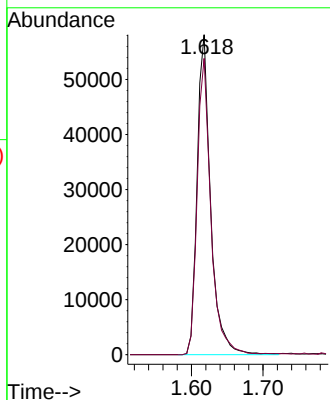
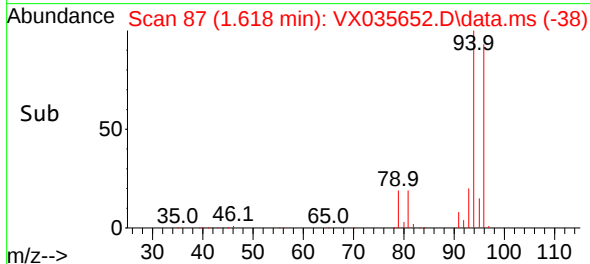
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 76593
Ion Ratio Lower Upper
94 100
96 92.6 77.0 115.6

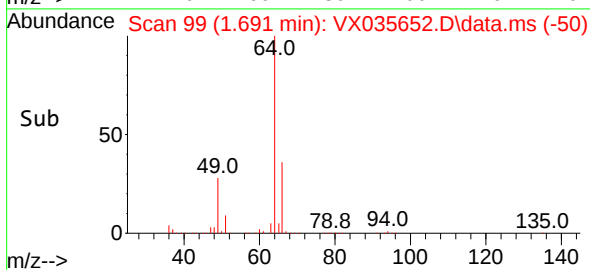
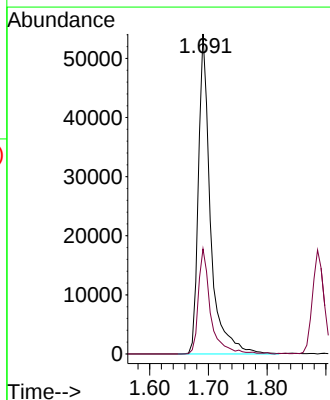
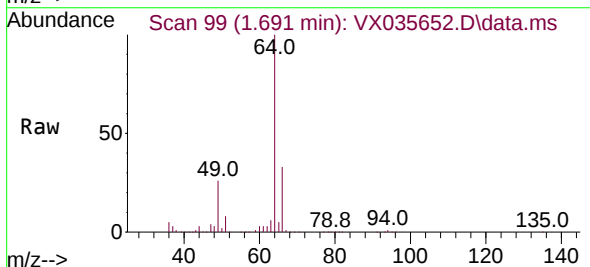
Manual Integrations
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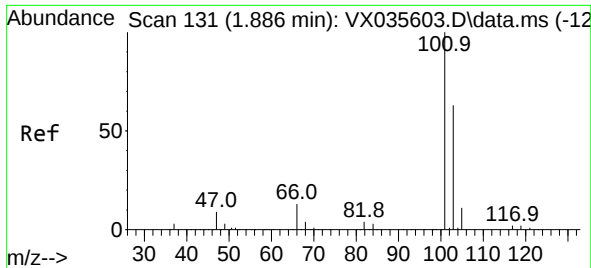
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#6
Chloroethane
Concen: 44.804 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

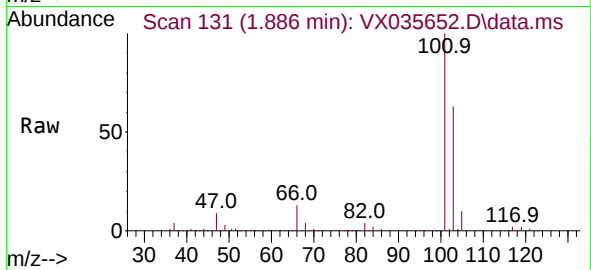
Tgt Ion: 64 Resp: 77427
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.162 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

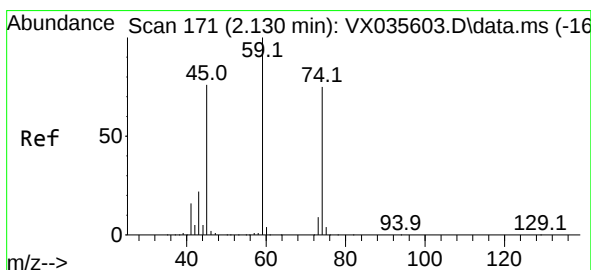
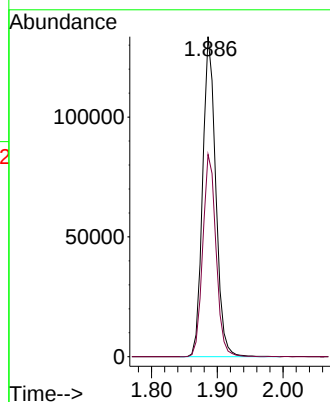
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 184975
Ion Ratio Lower Upper
101 100
103 63.2 52.0 78.0

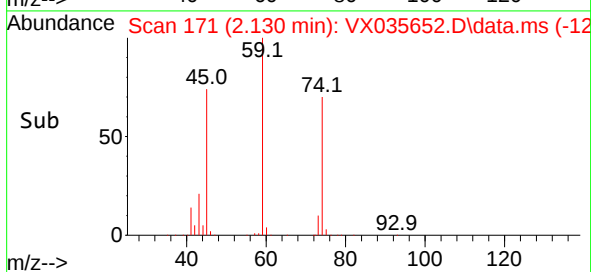
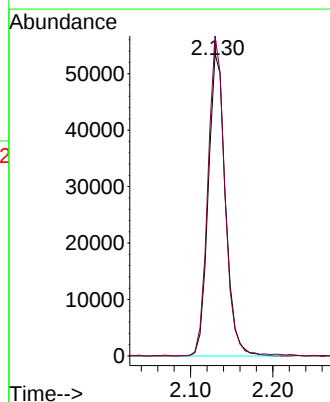
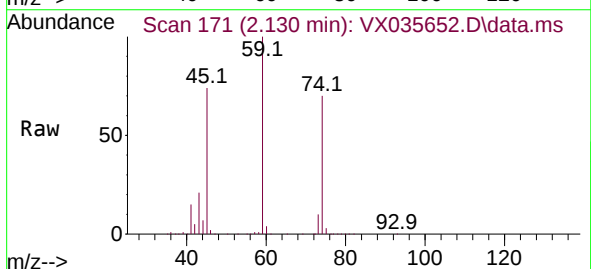
Manual Integrations
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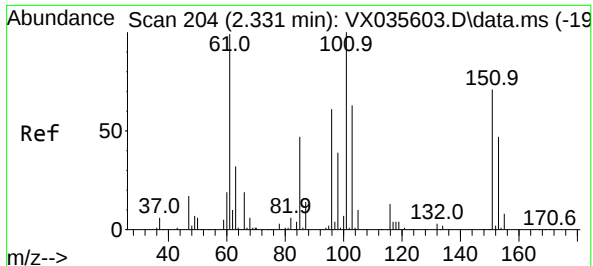
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#8
Diethyl Ether
Concen: 48.081 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

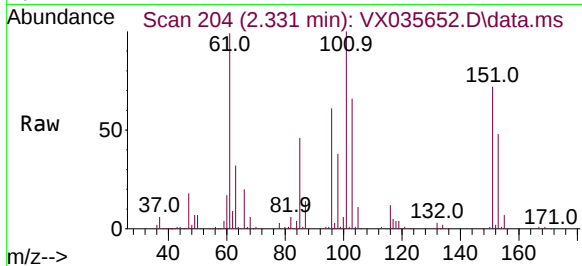
Tgt Ion: 74 Resp: 77540
Ion Ratio Lower Upper
74 100
45 105.1 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.993 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

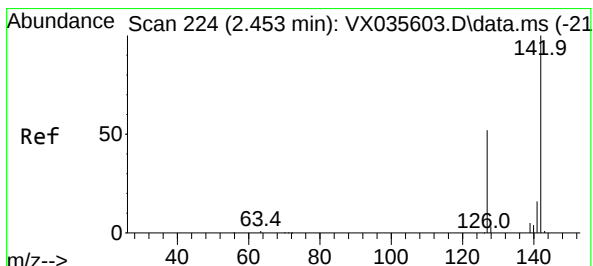
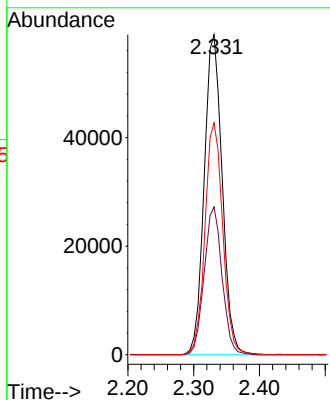
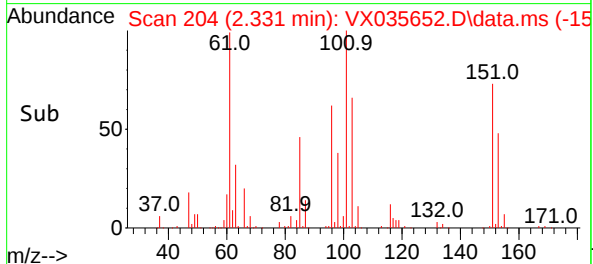
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 111890
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 71.8 60.2 90.4

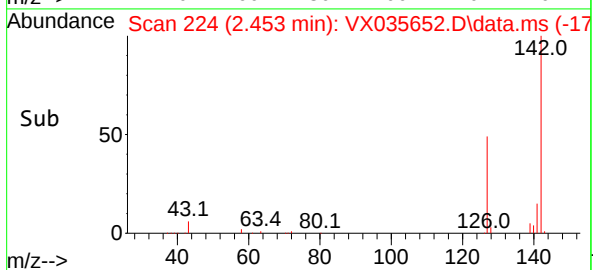
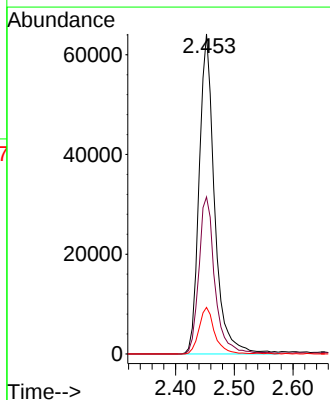
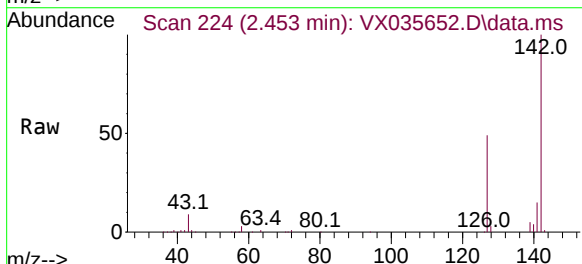
Manual Integrations
APPROVED

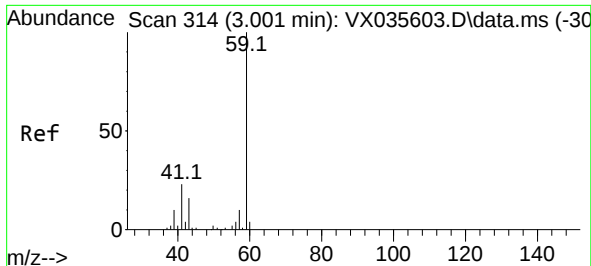
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Methyl Iodide
Concen: 52.703 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

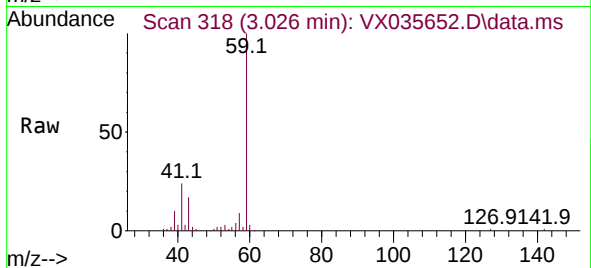
Tgt Ion:142 Resp: 117219
Ion Ratio Lower Upper
142 100
127 50.7 34.0 51.0
141 14.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 239.596 ug/l
RT: 3.026 min Scan# 314
Delta R.T. 0.025 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

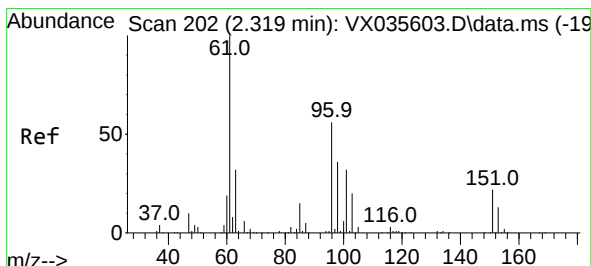
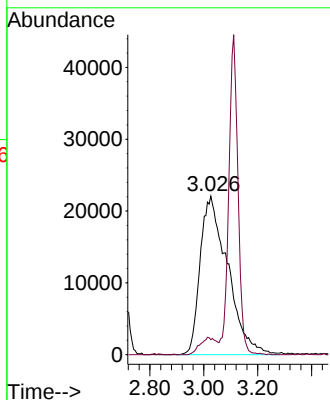
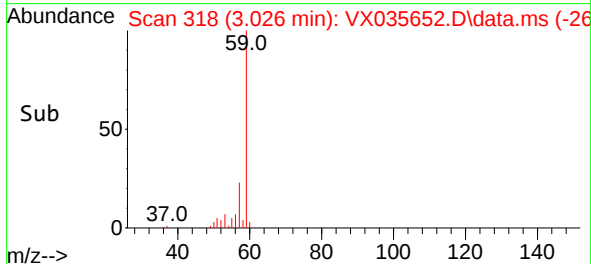
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 156508
Ion Ratio Lower Upper
59 100
57 6.6 8.1 12.1

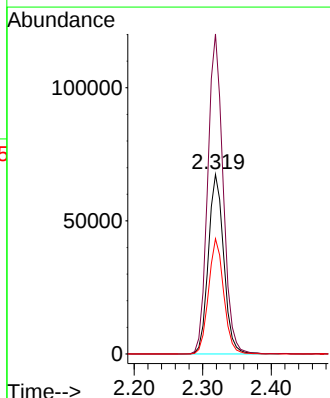
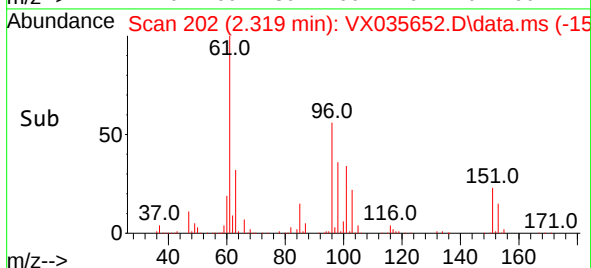
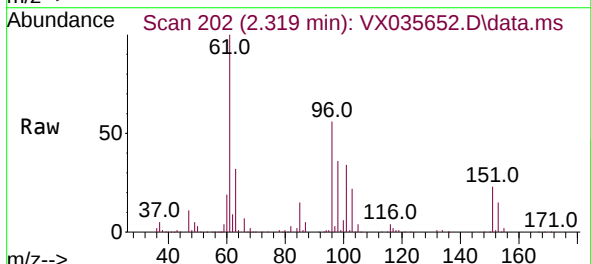
Manual Integrations
APPROVED

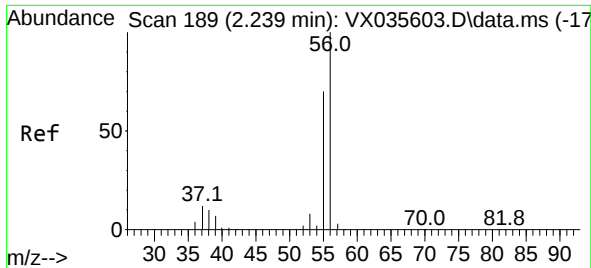
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#12
1,1-Dichloroethene
Concen: 44.634 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion: 96 Resp: 105491
Ion Ratio Lower Upper
96 100
61 178.2 128.8 193.2
98 64.2 51.4 77.0





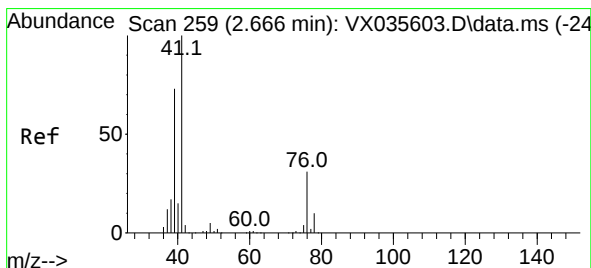
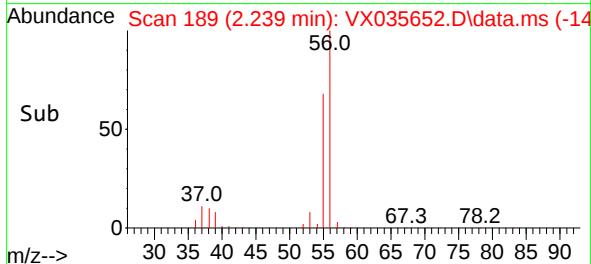
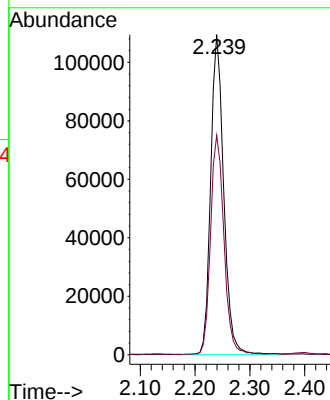
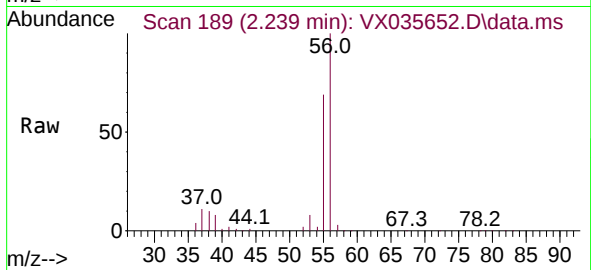
#13
Acrolein
Concen: 232.084 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 179932
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

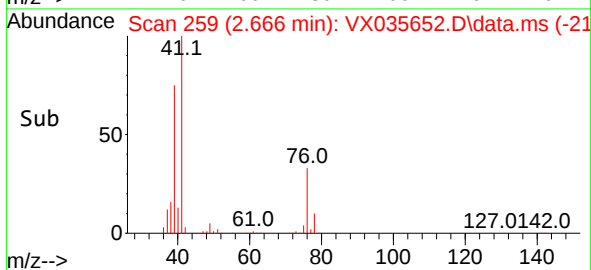
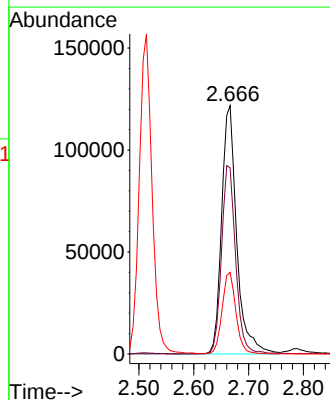
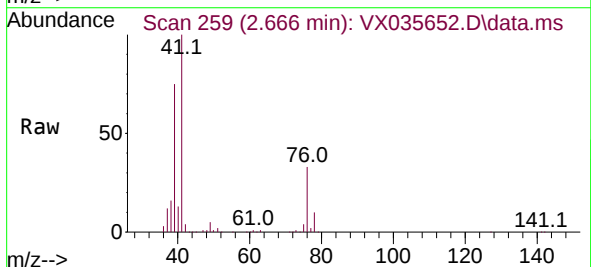
Manual Integrations
APPROVED

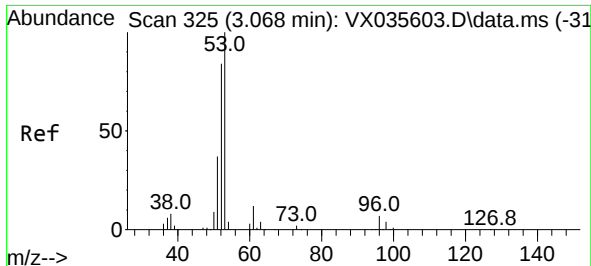
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#14
Allyl chloride
Concen: 46.299 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

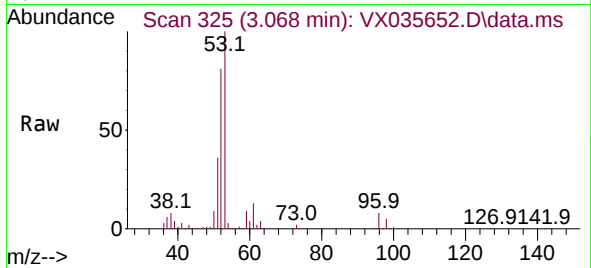
Tgt Ion: 41 Resp: 234429
Ion Ratio Lower Upper
41 100
39 71.0 52.4 78.6
76 30.0 26.0 39.0





#15
Acrylonitrile
Concen: 249.236 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

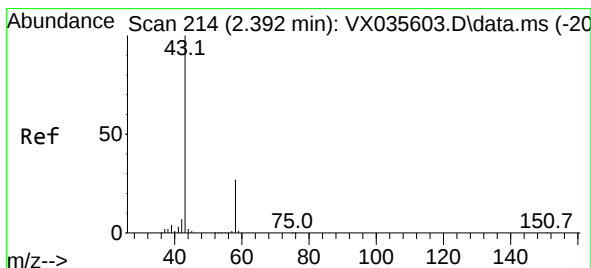
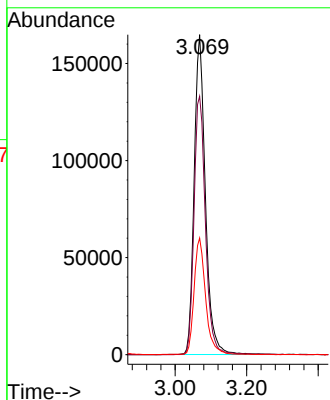
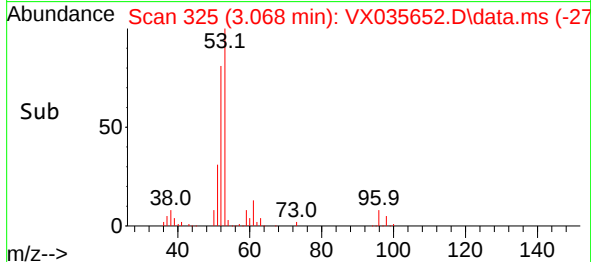
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



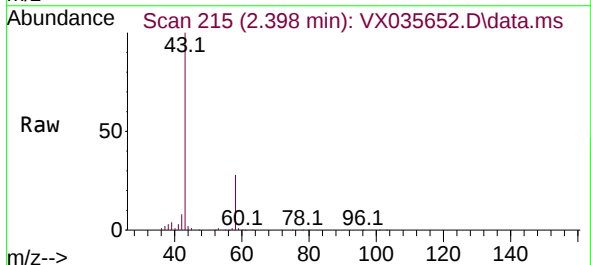
Tgt Ion: 53 Resp: 35850
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 37.5 28.3 42.5

Manual Integrations
APPROVED

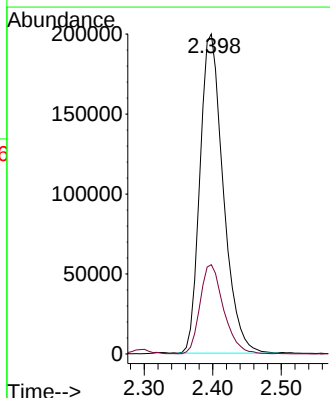
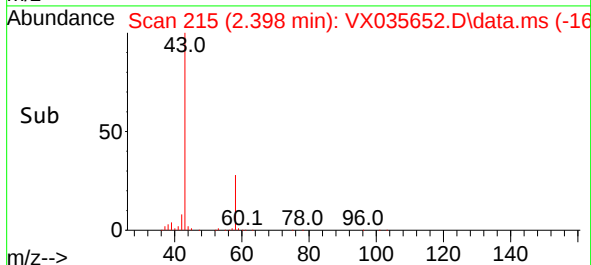
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

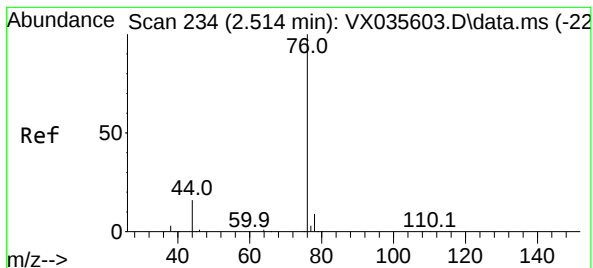


#16
Acetone
Concen: 297.403 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion: 43 Resp: 473263
Ion Ratio Lower Upper
43 100
58 27.9 24.7 37.1





#17

Carbon Disulfide

Concen: 44.653 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25470

Ion Ratio Lower Upper

76 100

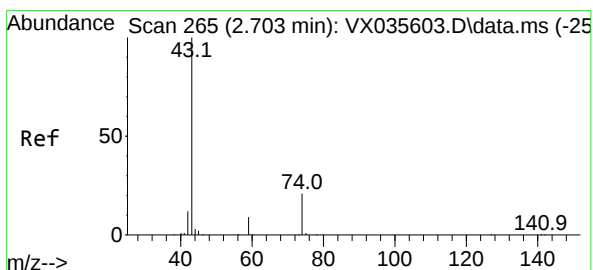
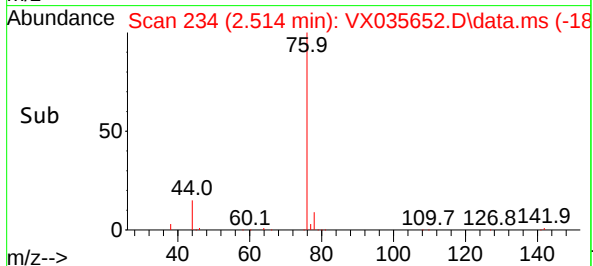
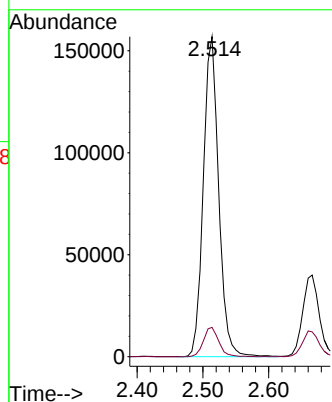
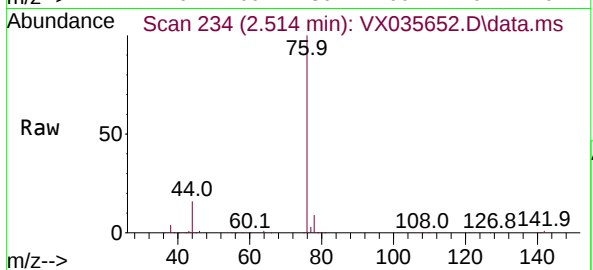
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#18

Methyl Acetate

Concen: 49.685 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035652.D

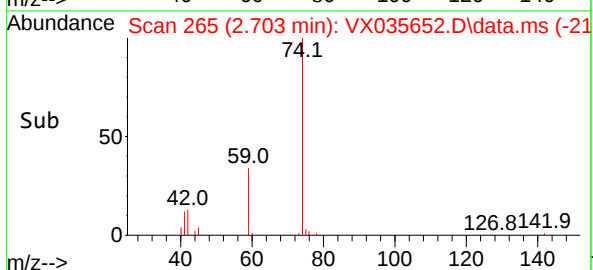
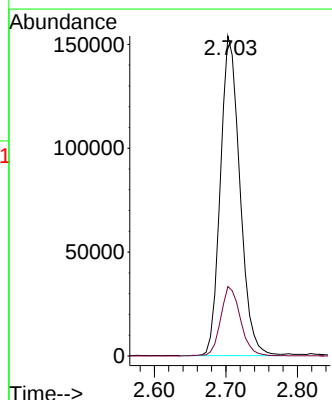
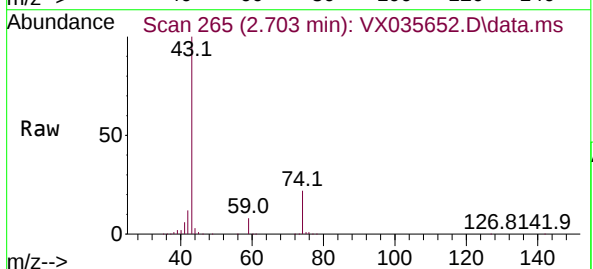
Acq: 15 May 2023 09:51

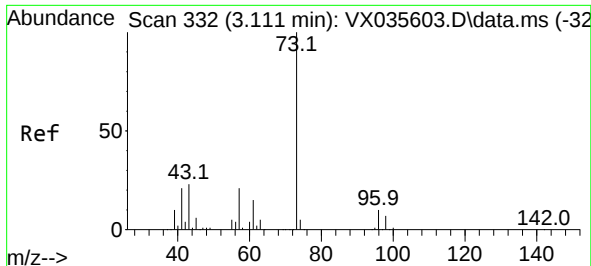
Tgt Ion: 43 Resp: 291589

Ion Ratio Lower Upper

43 100

74 22.1 18.3 27.5





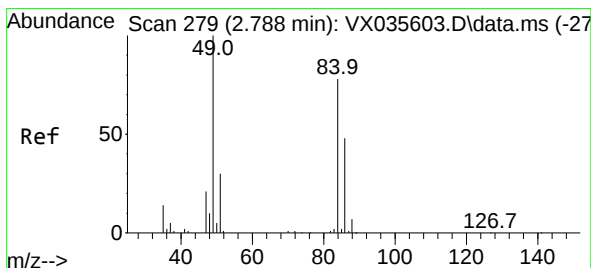
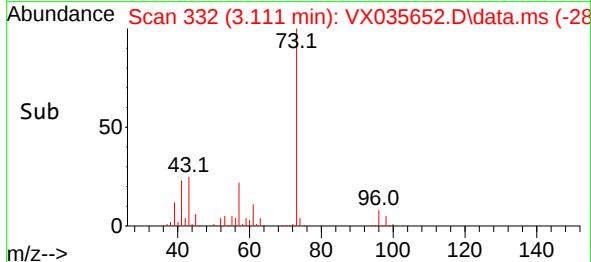
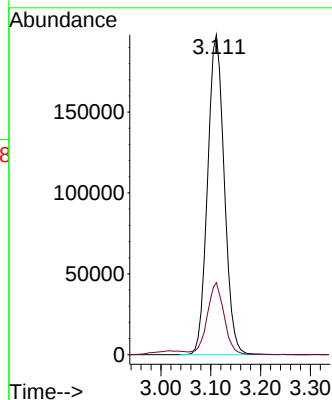
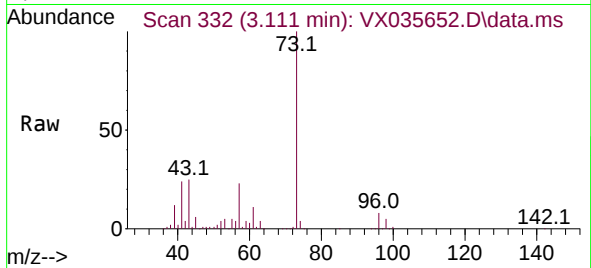
#19
Methyl tert-butyl Ether
Concen: 48.788 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 458860
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

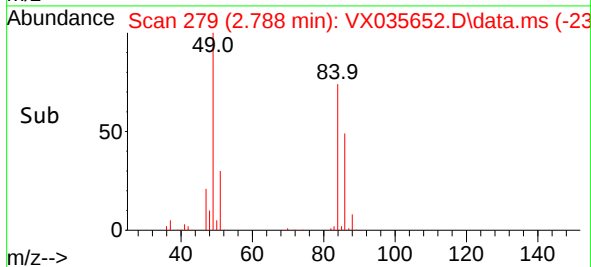
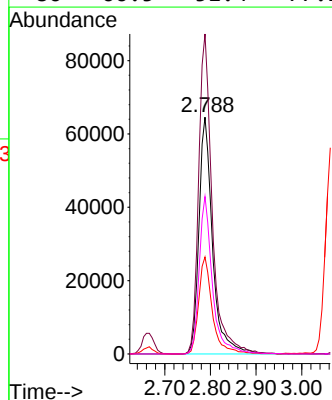
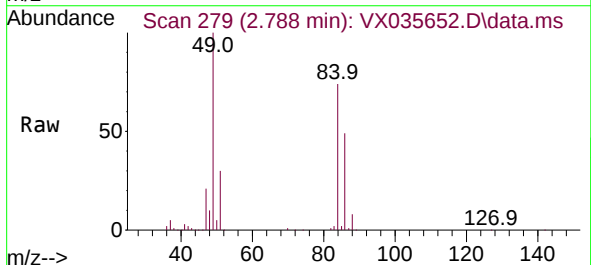
Manual Integrations
APPROVED

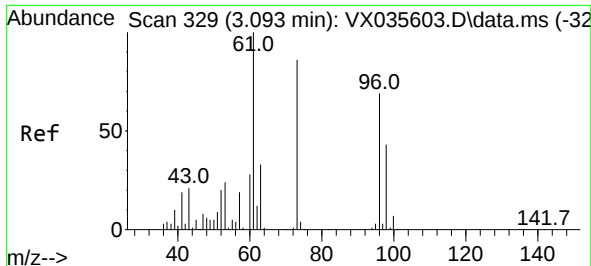
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 46.397 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

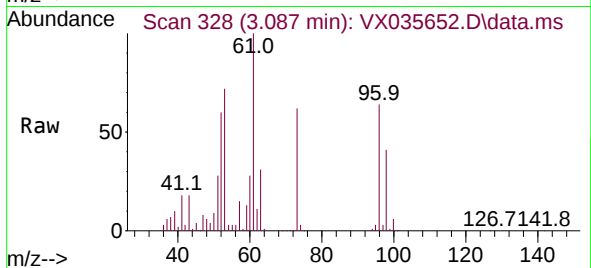
Tgt Ion: 84 Resp: 133811
Ion Ratio Lower Upper
84 100
49 135.1 103.8 155.8
51 40.9 31.8 47.8
86 66.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.747 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

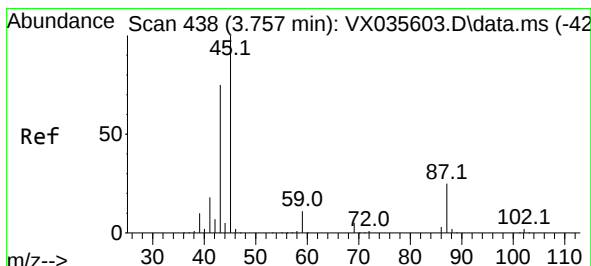
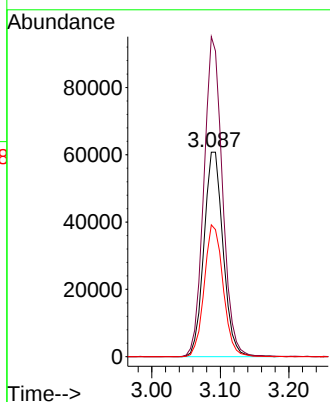
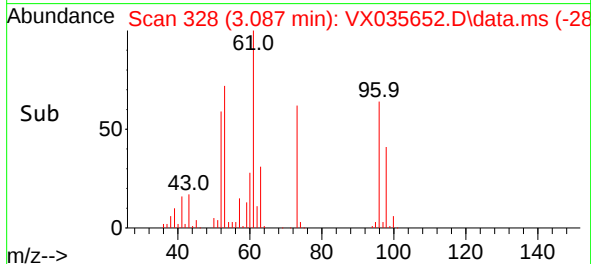
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 118470
Ion Ratio Lower Upper
96 100
61 156.4 113.0 169.6
98 64.5 52.1 78.1

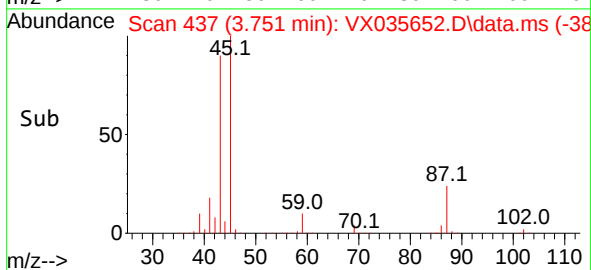
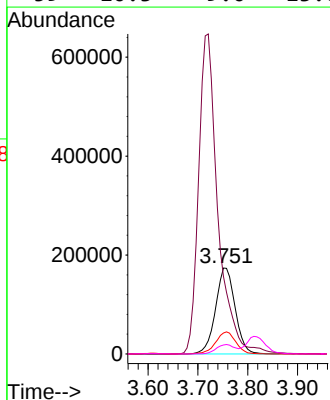
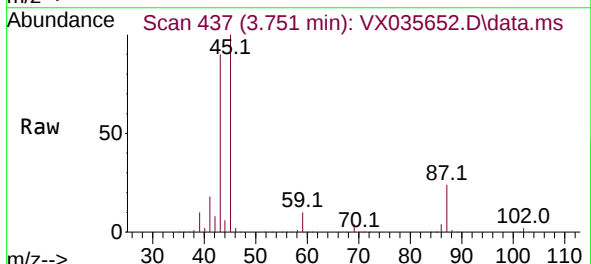
Manual Integrations
APPROVED

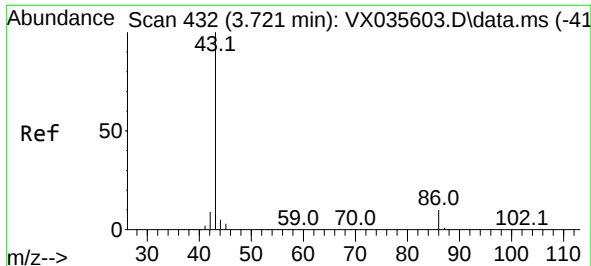
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 47.738 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

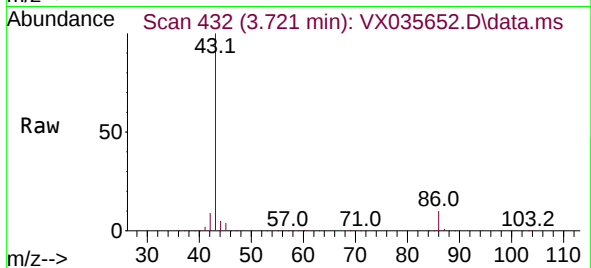
Tgt Ion: 45 Resp: 473266
Ion Ratio Lower Upper
45 100
43 89.9 65.4 98.2
87 24.5 20.6 31.0
59 10.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 248.964 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035652.D
 Acq: 15 May 2023 09:51

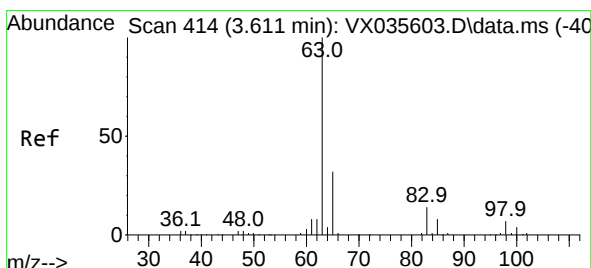
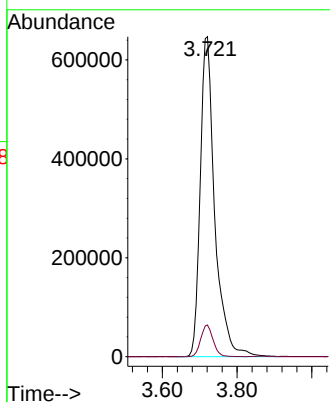
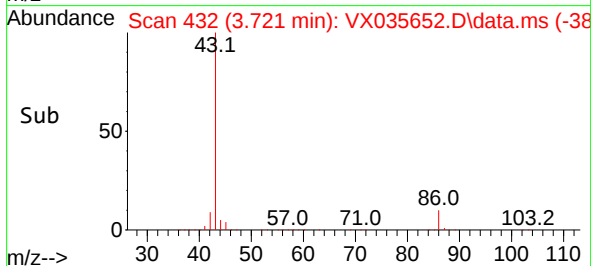
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



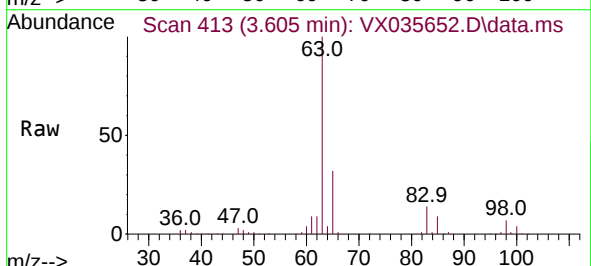
Tgt Ion: 43 Resp: 1746408
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

Manual Integrations
 APPROVED

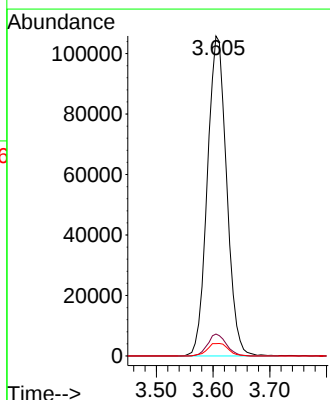
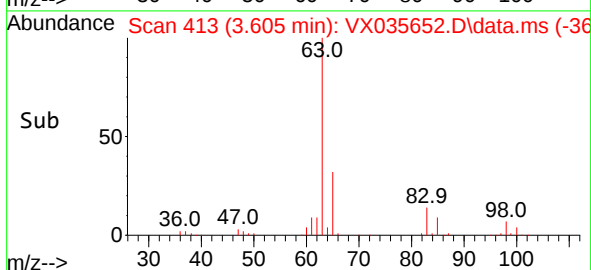
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

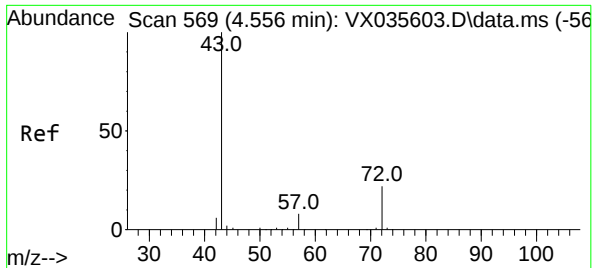


#24
 1,1-Dichloroethane
 Concen: 47.087 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035652.D
 Acq: 15 May 2023 09:51



Tgt Ion: 63 Resp: 249661
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 3.9 2.4 7.1





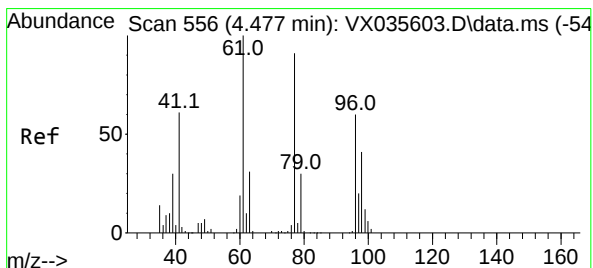
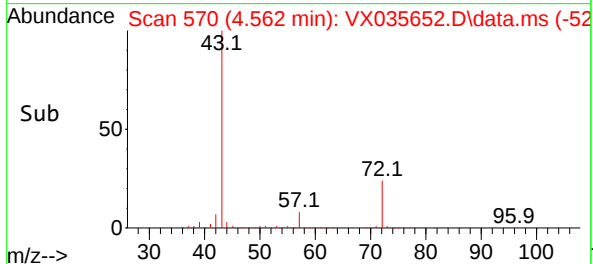
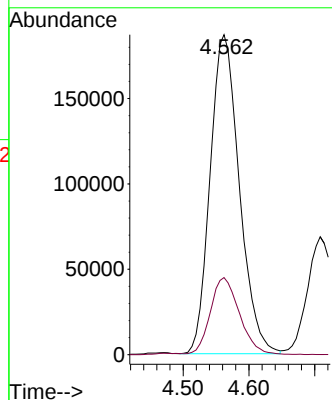
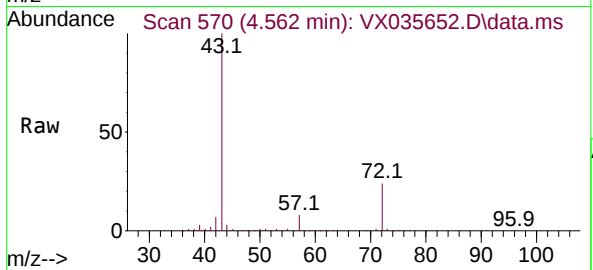
#25
2-Butanone
Concen: 262.149 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57748
Ion Ratio Lower Upper
43 100
72 23.9 19.3 28.9

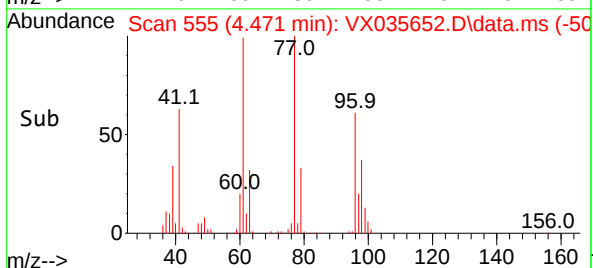
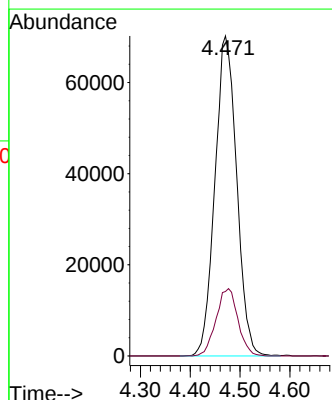
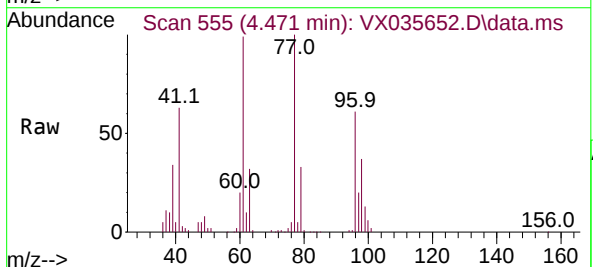
Manual Integrations
APPROVED

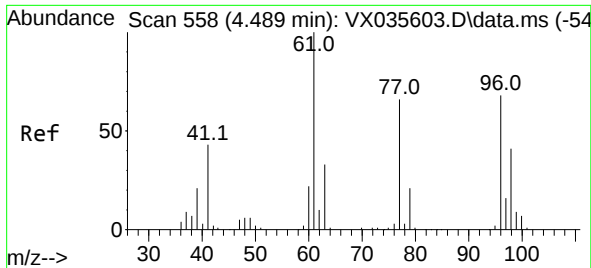
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
2,2-Dichloropropane
Concen: 47.370 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

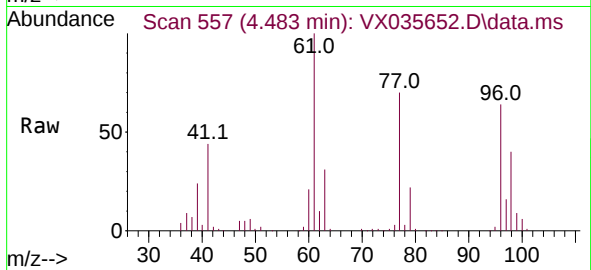
Tgt Ion: 77 Resp: 212688
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 47.492 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

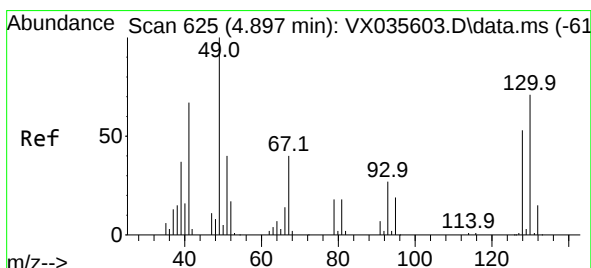
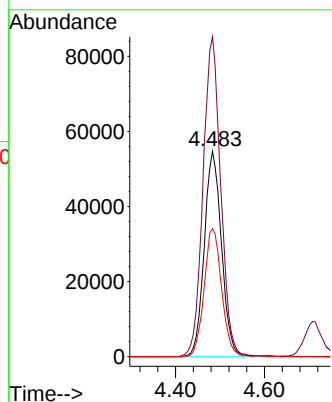
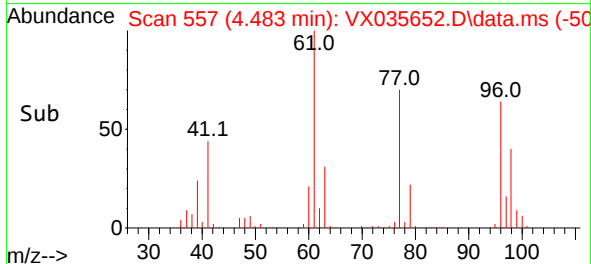
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 14785
Ion Ratio Lower Upper
96 100
61 159.7 0.0 300.4
98 63.2 0.0 129.0

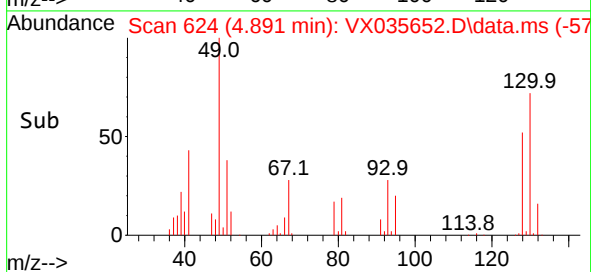
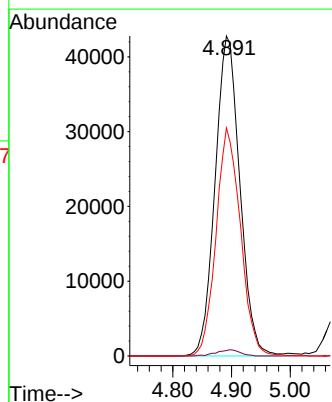
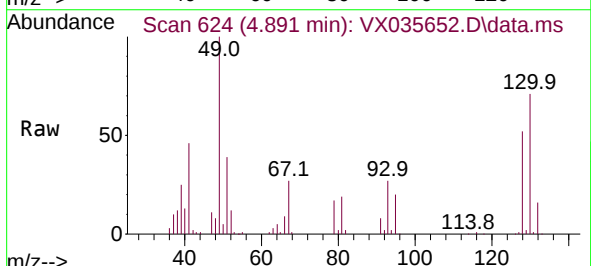
Manual Integrations
APPROVED

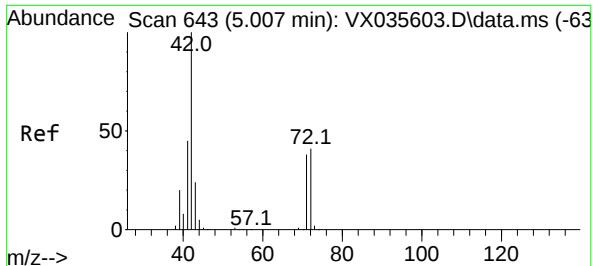
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#28
Bromochloromethane
Concen: 52.452 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion: 49 Resp: 125091
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 70.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 239.314 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

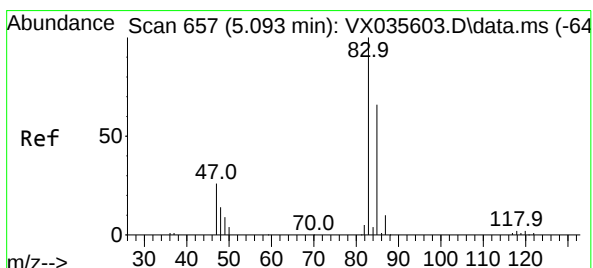
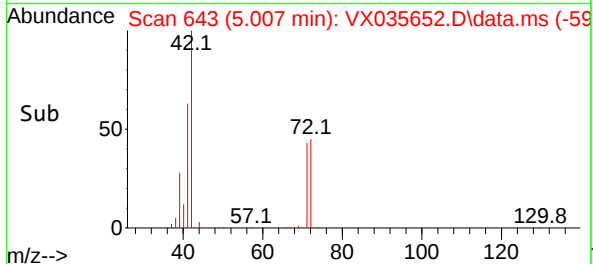
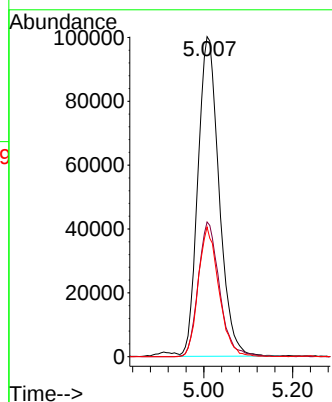
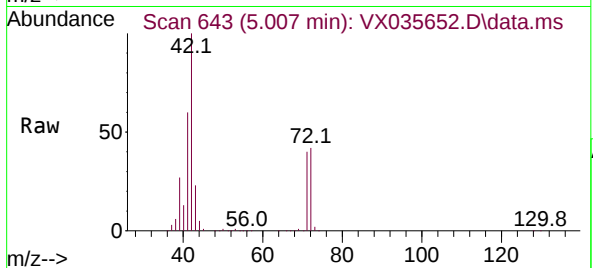
Tgt Ion:	42	Resp:	33135
Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.5	51.7
71	39.6	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 47.688 ug/l

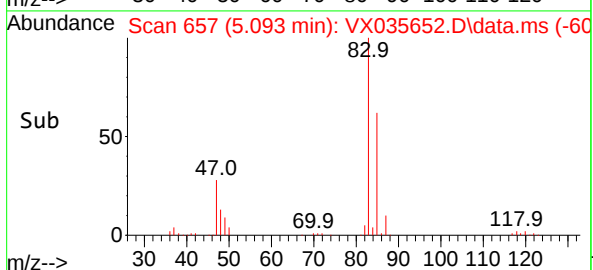
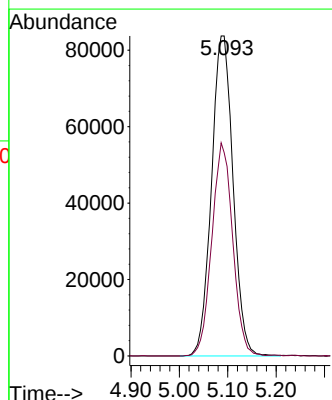
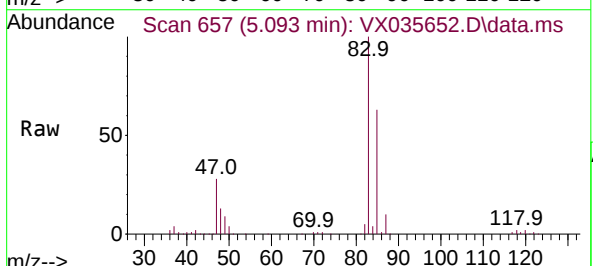
RT: 5.093 min Scan# 657

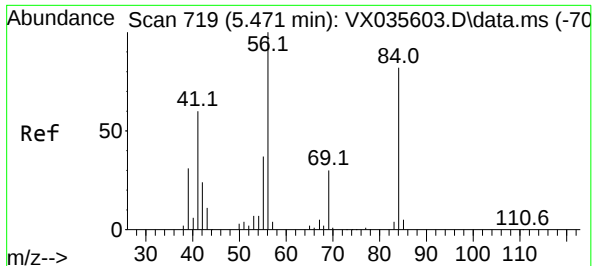
Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

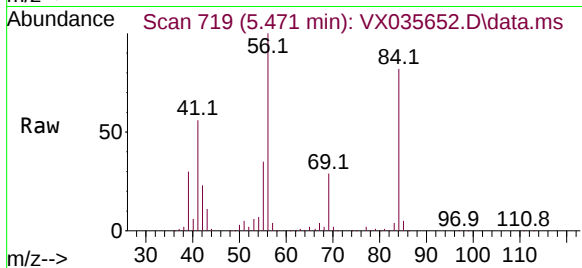
Tgt Ion:	83	Resp:	259095
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	76.0





#31
Cyclohexane
Concen: 43.350 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

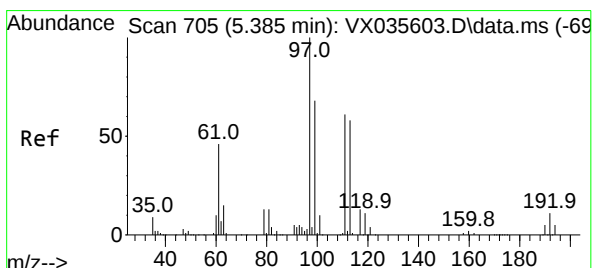
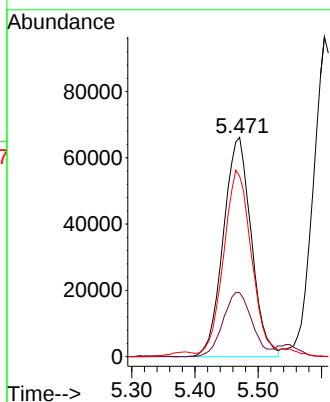
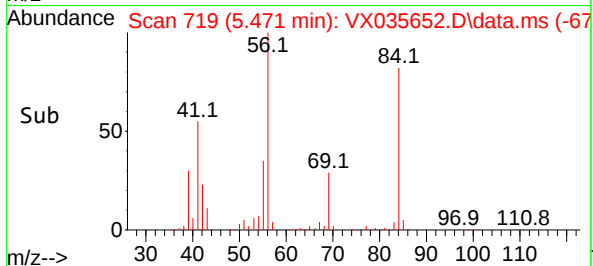
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



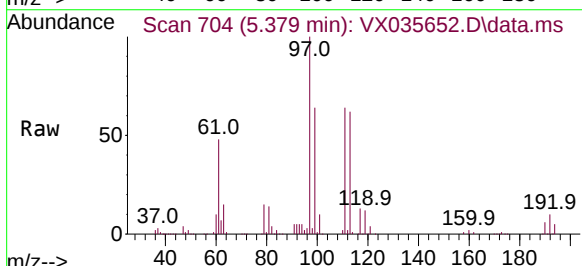
Tgt Ion: 56 Resp: 202783
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 80.5 68.5 102.7

Manual Integrations
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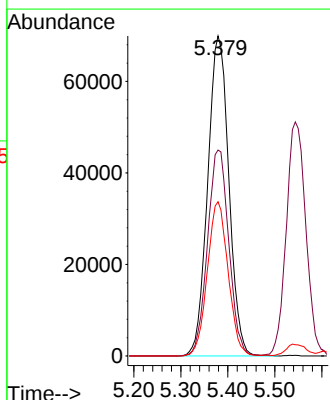
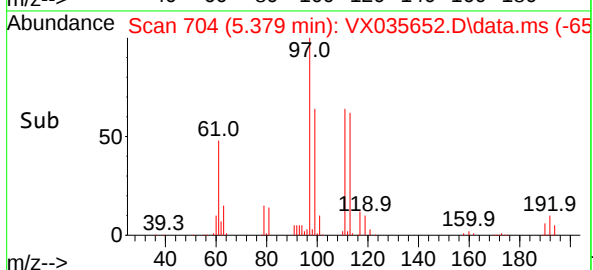
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

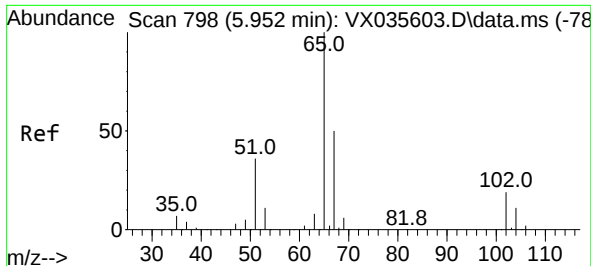


#32
1,1,1-Trichloroethane
Concen: 46.209 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion: 97 Resp: 218443
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.278 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18615

Ion Ratio Lower Upper

65 100

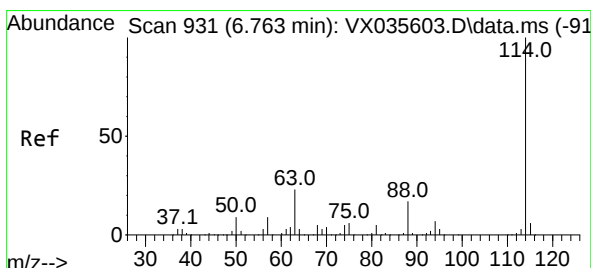
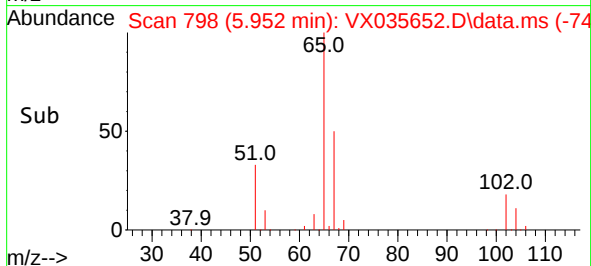
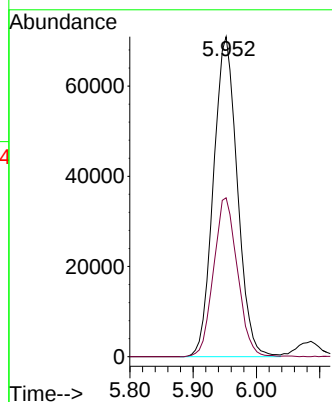
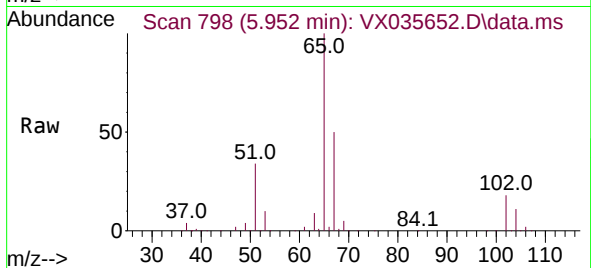
67 49.5 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

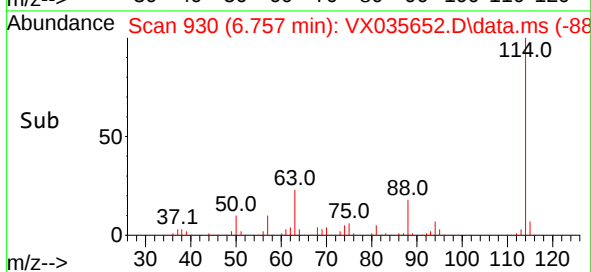
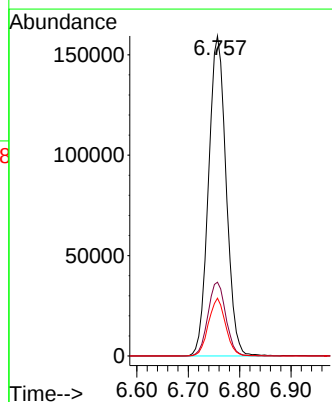
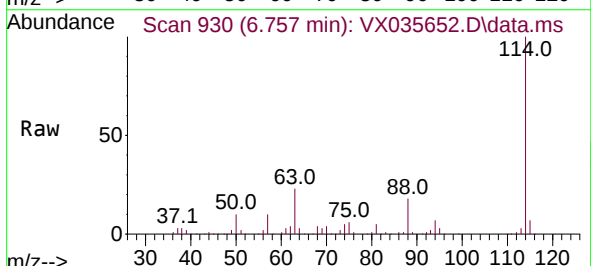
Tgt Ion:114 Resp: 378931

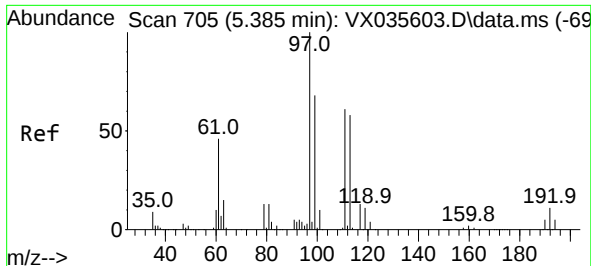
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 18.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.899 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035652.D

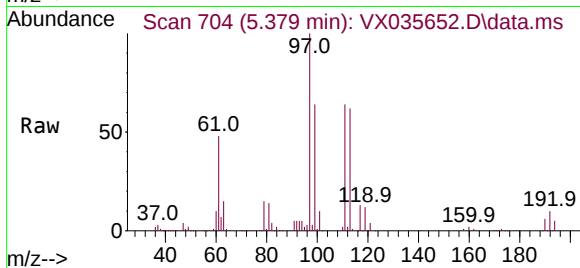
Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



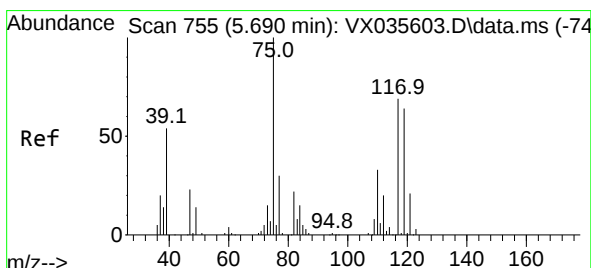
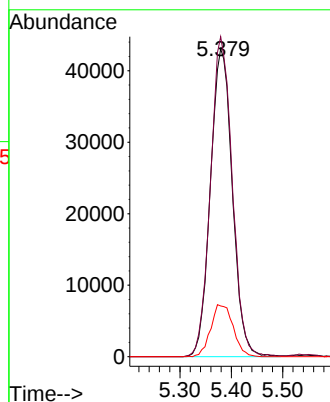
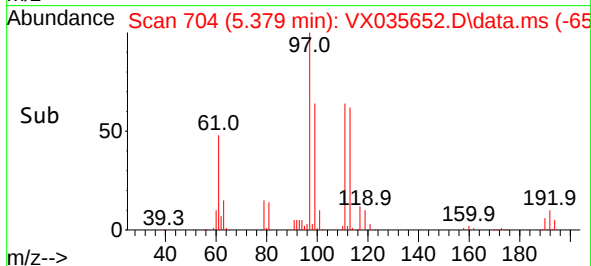
Tgt Ion:	113	Resp:	127510
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.7	125.5
192	17.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#36

1,1-Dichloropropene

Concen: 44.028 ug/l

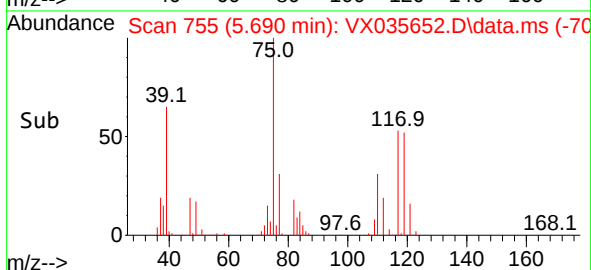
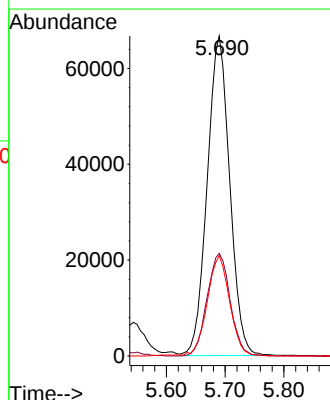
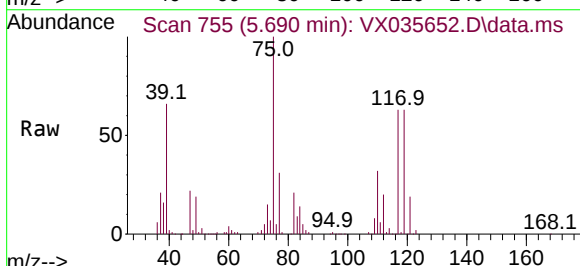
RT: 5.690 min Scan# 755

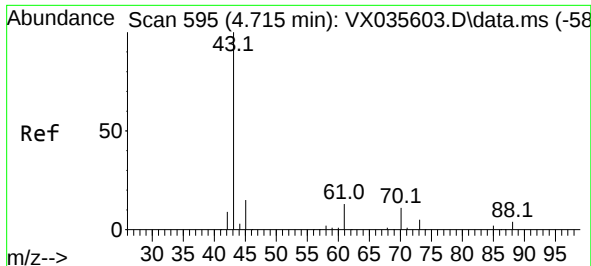
Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Tgt Ion:	75	Resp:	177597
Ion	Ratio	Lower	Upper
75	100		
110	32.9	17.5	52.5
77	31.6	24.3	36.5





#37

Ethyl Acetate

Concen: 48.845 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20550

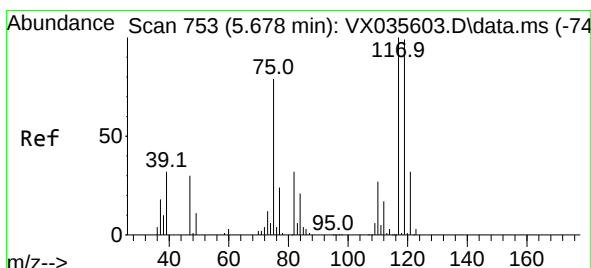
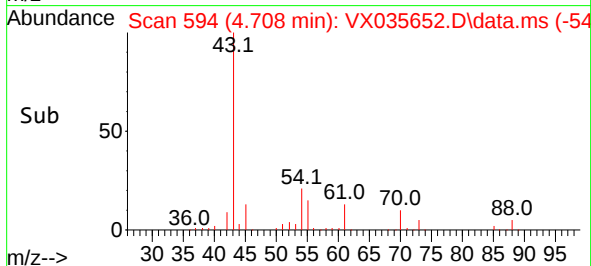
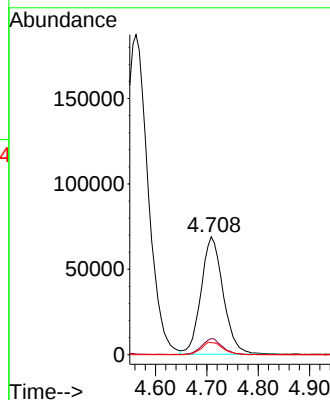
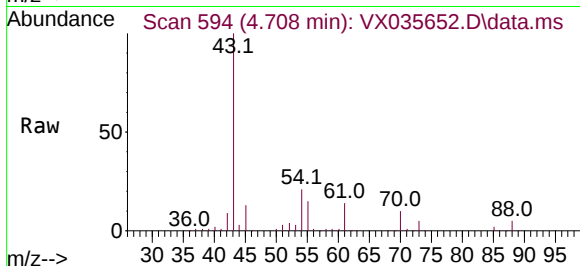
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.4
70	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#38

Carbon Tetrachloride

Concen: 46.478 ug/l

RT: 5.672 min Scan# 752

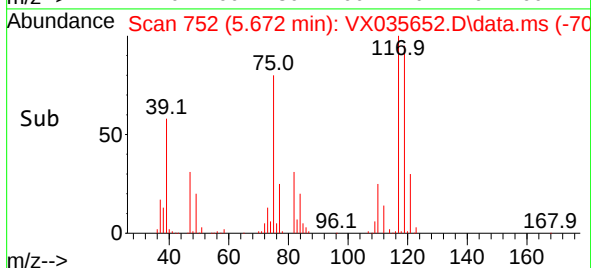
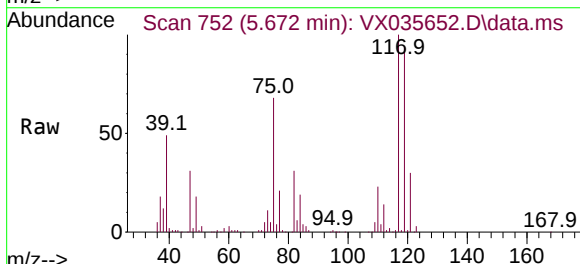
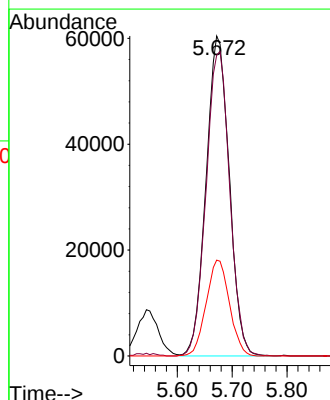
Delta R.T. -0.006 min

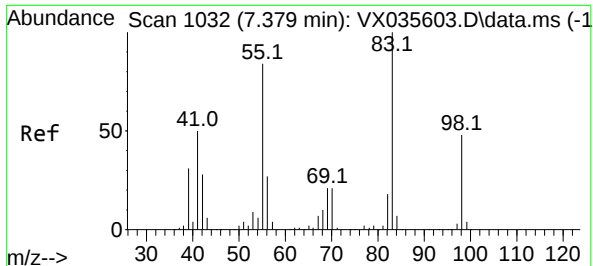
Lab File: VX035652.D

Acq: 15 May 2023 09:51

Tgt Ion:117 Resp: 177600

Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	114.8
121	30.0	23.8	35.6





#39

Methylcyclohexane

Concen: 44.151 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20964

Ion Ratio Lower Upper

83 100

55 84.7 60.5 90.7

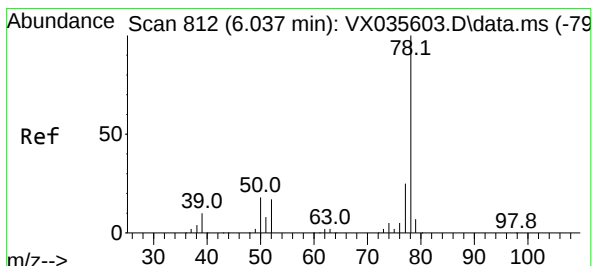
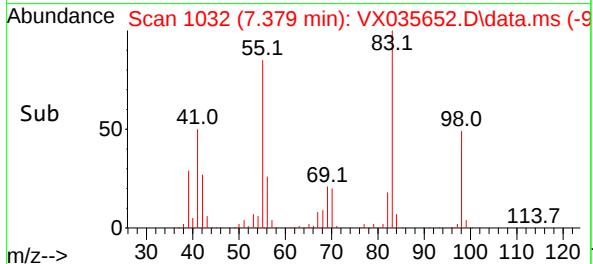
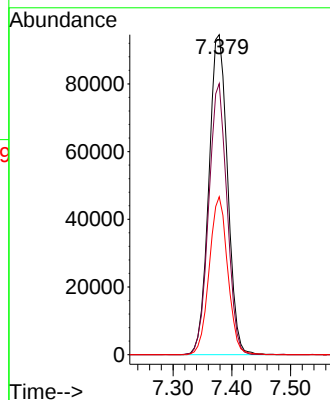
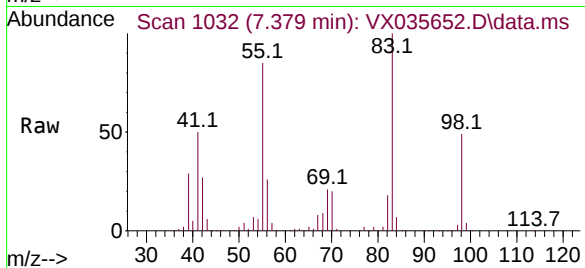
98 49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#40

Benzene

Concen: 45.817 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035652.D

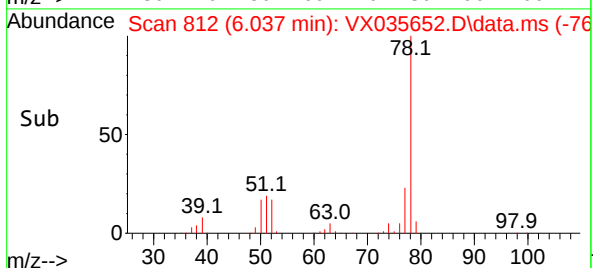
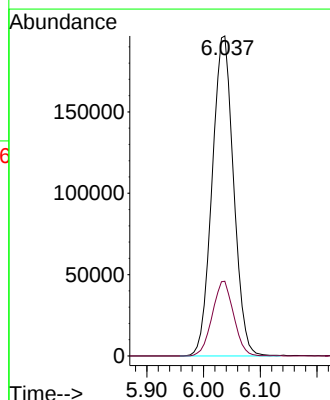
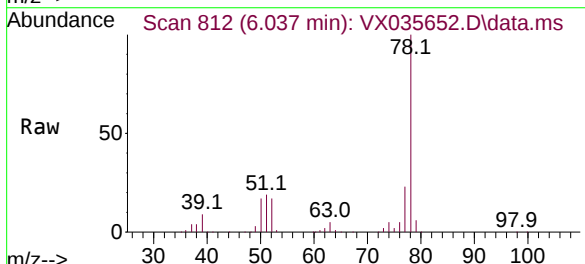
Acq: 15 May 2023 09:51

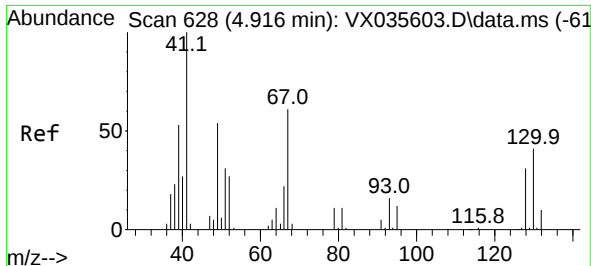
Tgt Ion: 78 Resp: 517021

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4





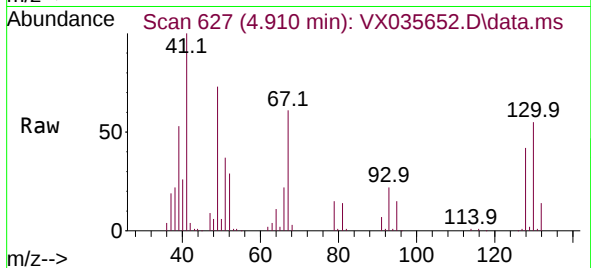
#41
Methacrylonitrile
Concen: 48.096 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



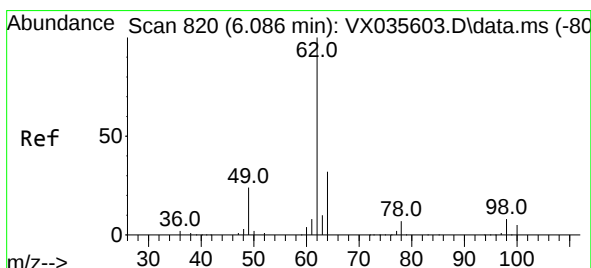
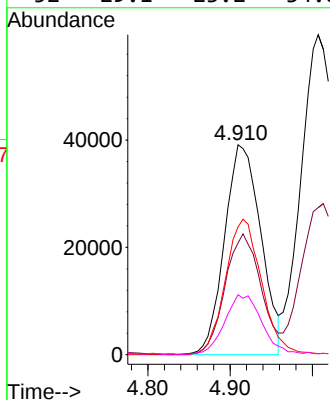
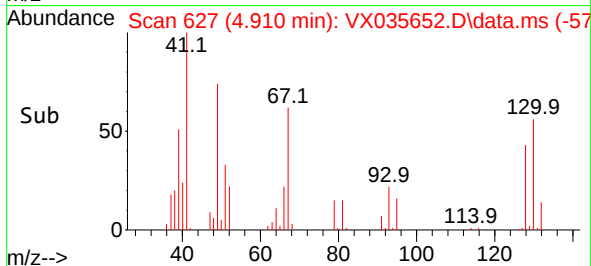
Tgt Ion: 41 Resp: 12014
Ion Ratio Lower Upper
41 100
39 56.7 45.0 67.6
67 64.6 55.6 83.4
52 29.1 23.2 34.8

Manual Integrations

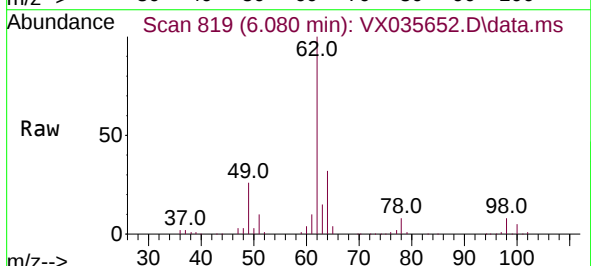
APPROVED

Reviewed By :John Carlone 05/16/2023

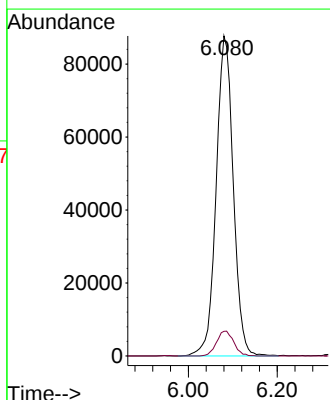
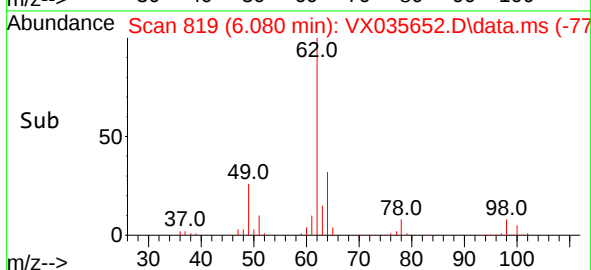
Supervised By :Mahesh Dadoda 05/16/2023

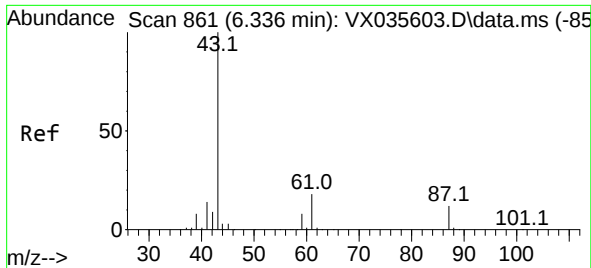


#42
1,2-Dichloroethane
Concen: 48.184 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



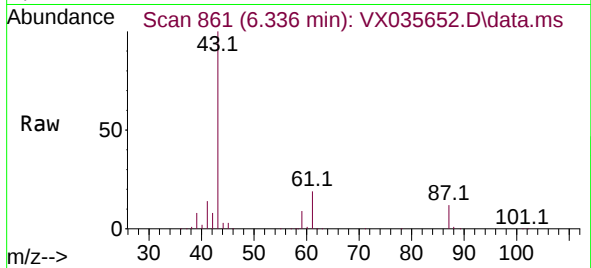
Tgt Ion: 62 Resp: 233895
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.629 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

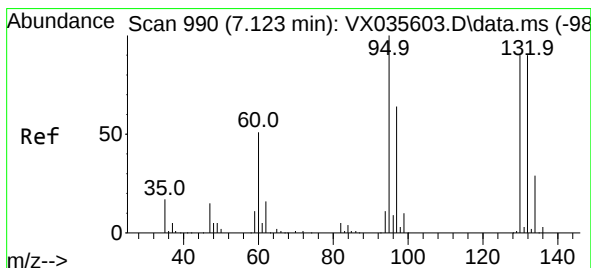
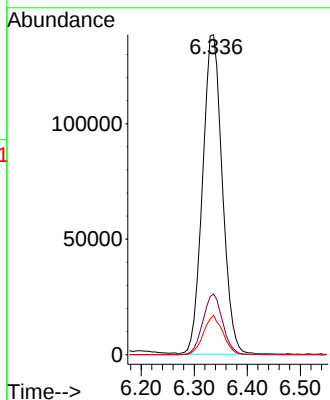
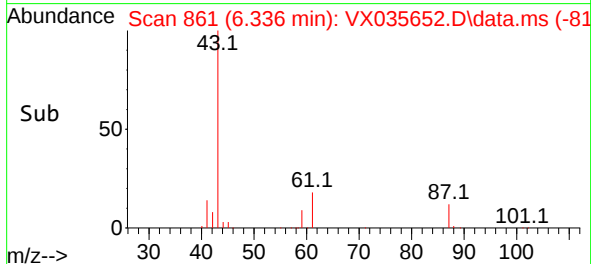
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 35677
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.0 9.8 14.8

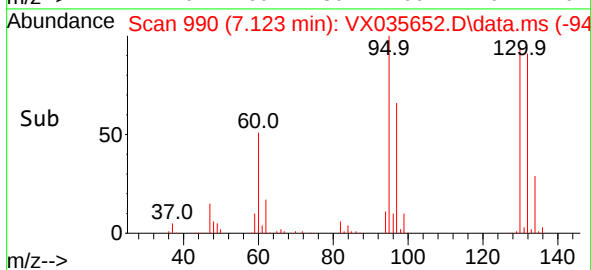
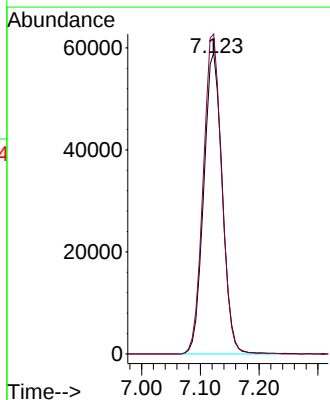
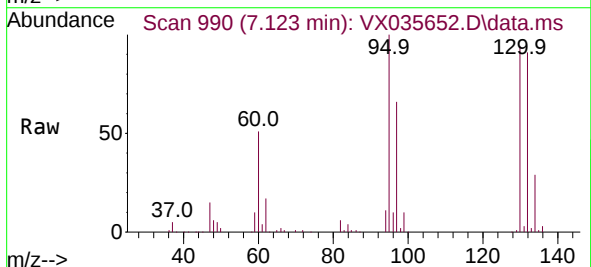
Manual Integrations
APPROVED

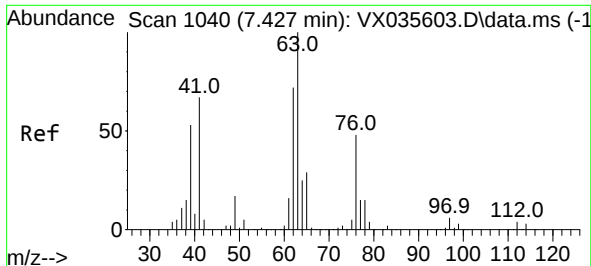
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#44
Trichloroethene
Concen: 45.309 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion:130 Resp: 129642
Ion Ratio Lower Upper
130 100
95 106.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.655 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 142425

Ion Ratio Lower Upper

63 100

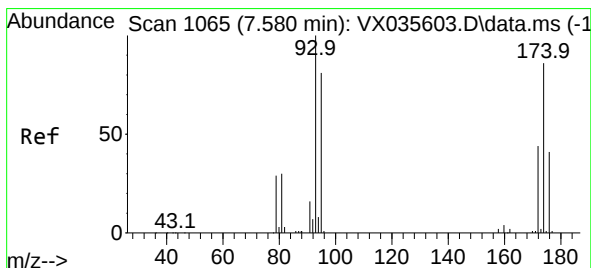
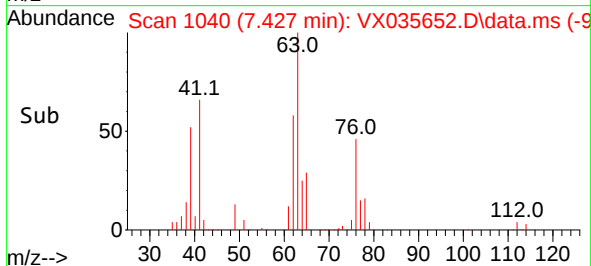
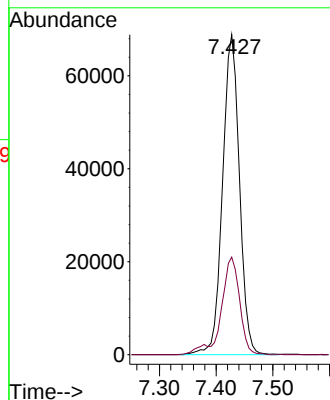
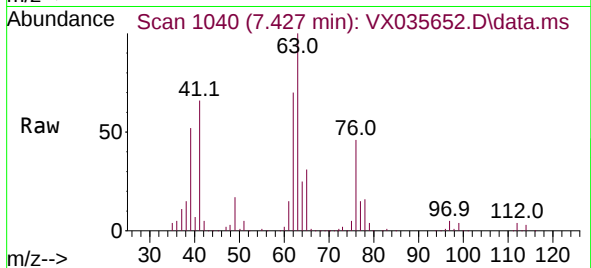
65 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 48.816 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

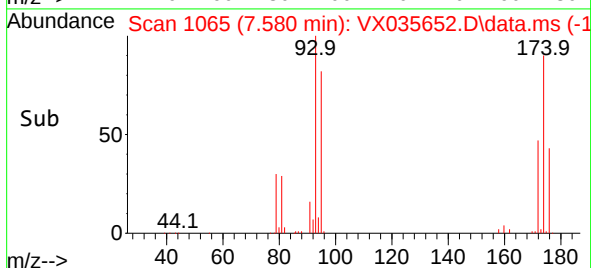
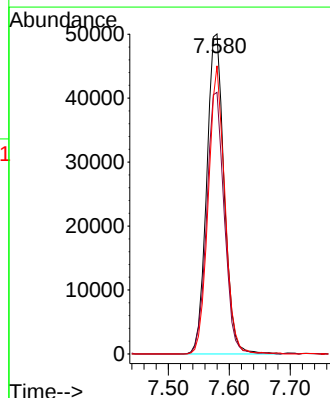
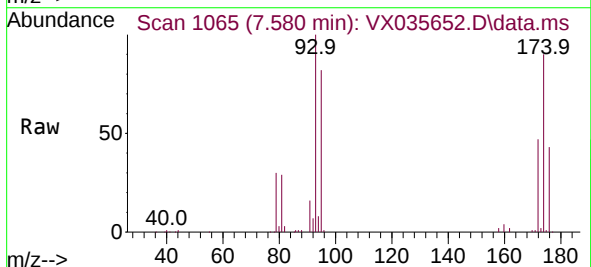
Tgt Ion: 93 Resp: 99865

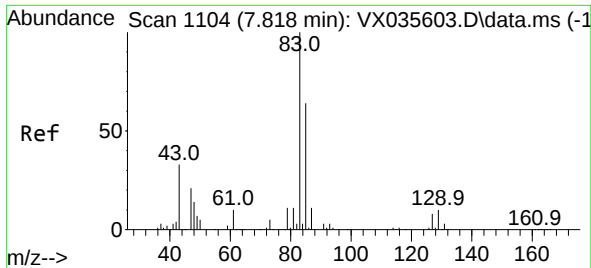
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

174 85.1 75.4 113.0





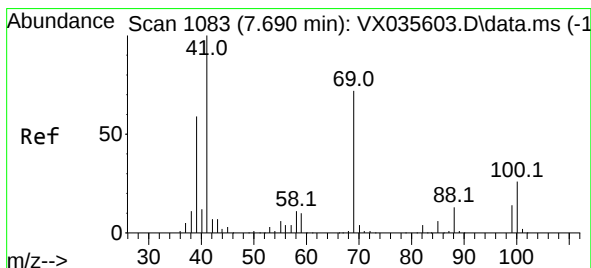
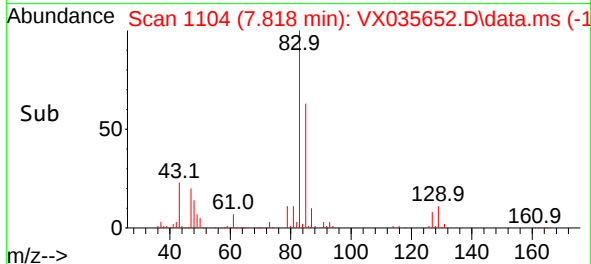
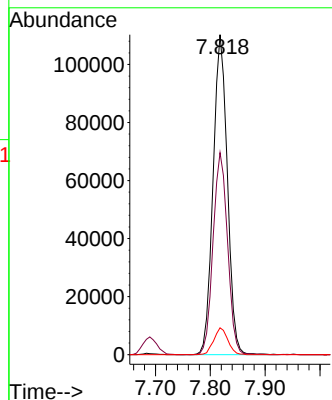
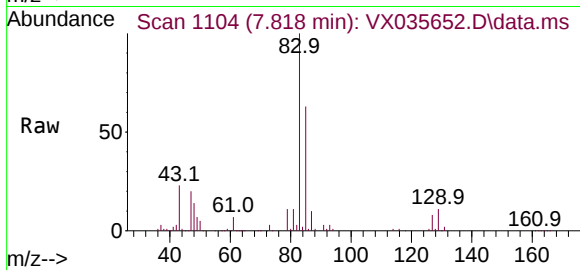
#47
Bromodichloromethane
Concen: 50.315 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19895
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 8.4 6.6 9.8

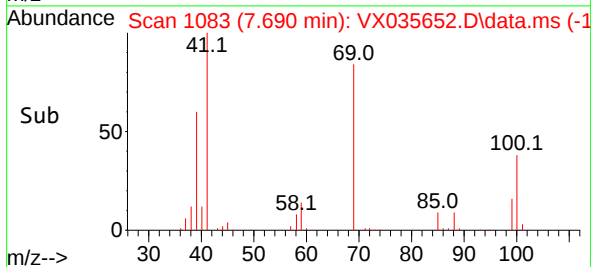
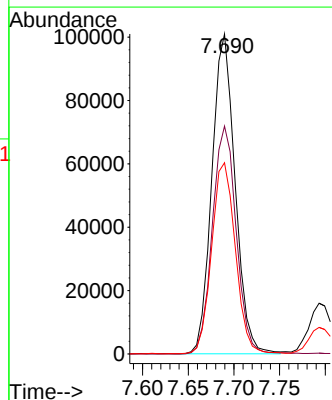
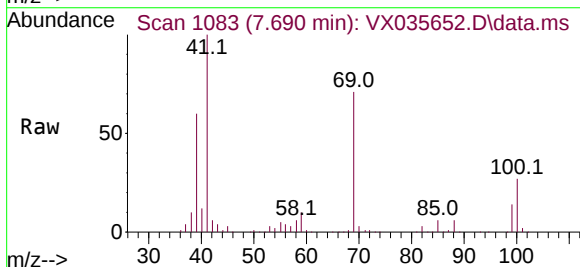
Manual Integrations
APPROVED

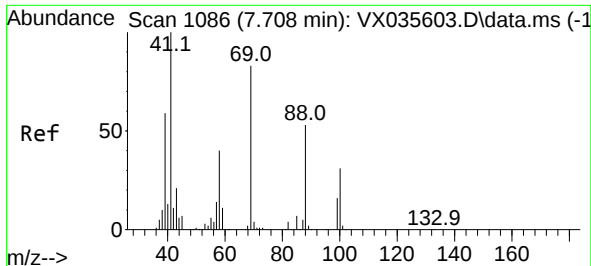
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#48
Methyl methacrylate
Concen: 49.203 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion: 41 Resp: 178151
Ion Ratio Lower Upper
41 100
69 73.2 62.2 93.4
39 61.3 47.7 71.5





#49

1,4-Dioxane

Concen: 887.909 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

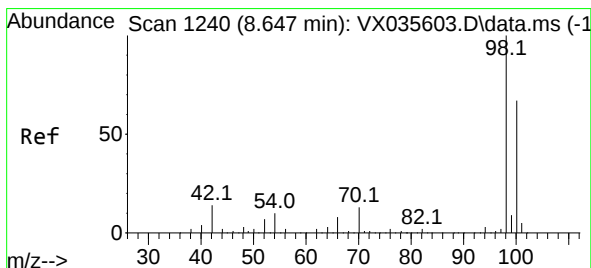
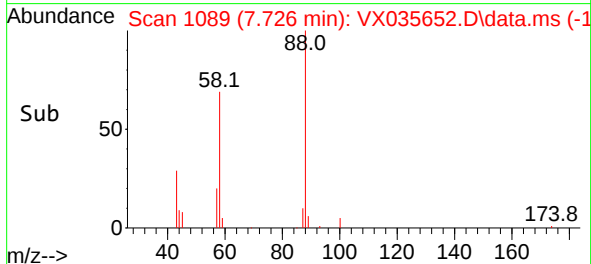
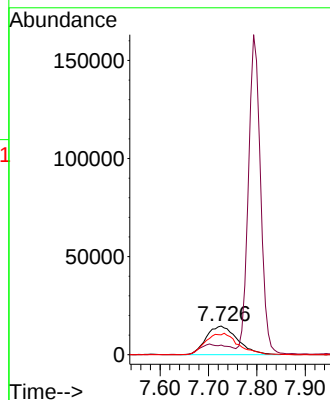
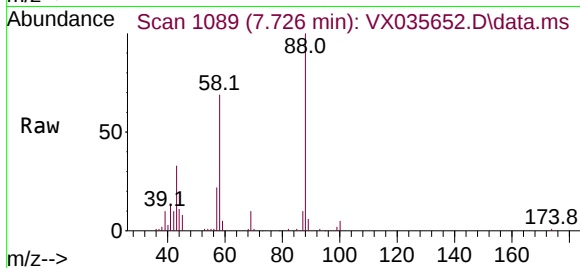
Tgt Ion: 88 Resp: 65749
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 77.1 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#50

Toluene-d8

Concen: 47.169 ug/l

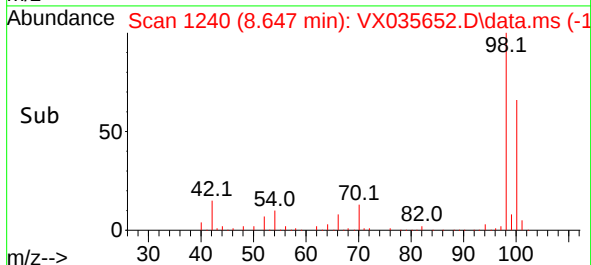
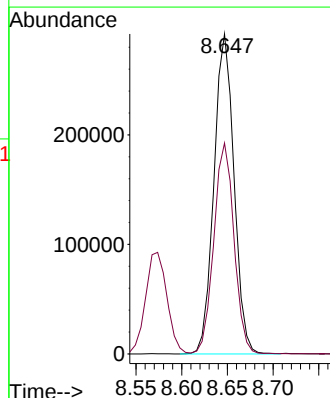
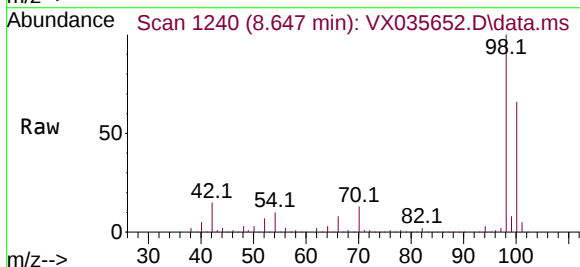
RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Tgt Ion: 98 Resp: 445302
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 246.638 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

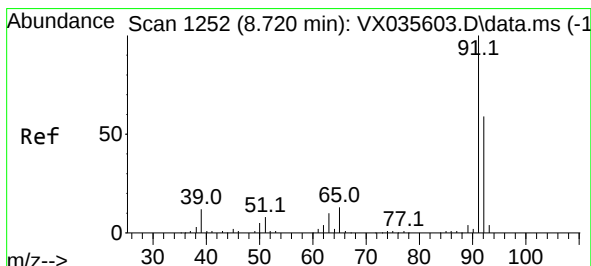
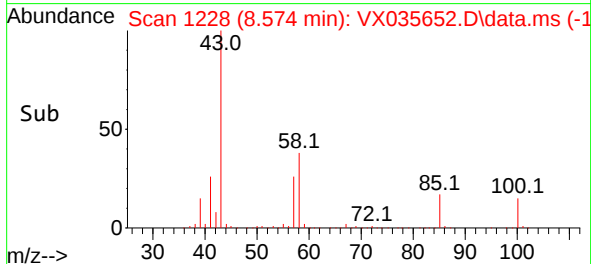
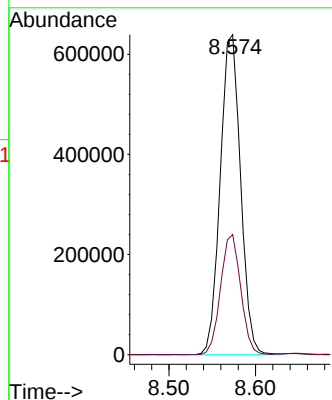
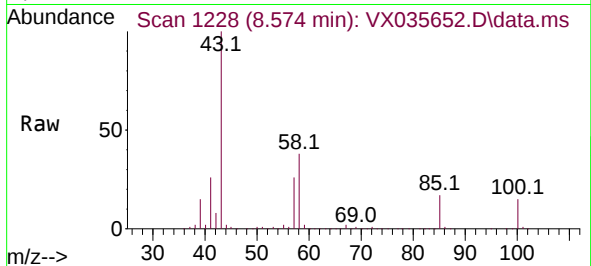
VSTDCCC050

Tgt Ion: 43 Resp: 104246
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

Manual Integrations

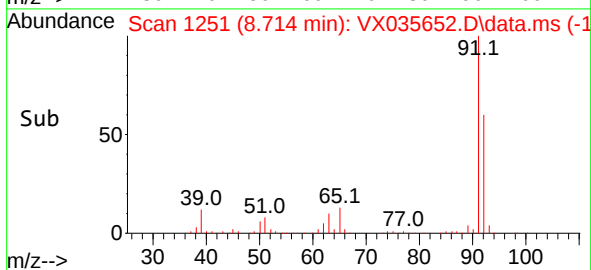
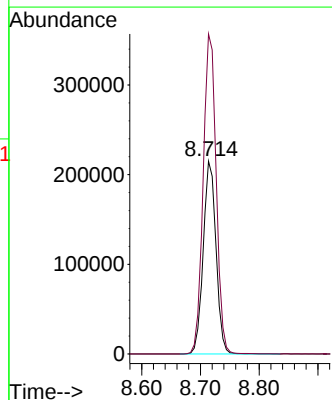
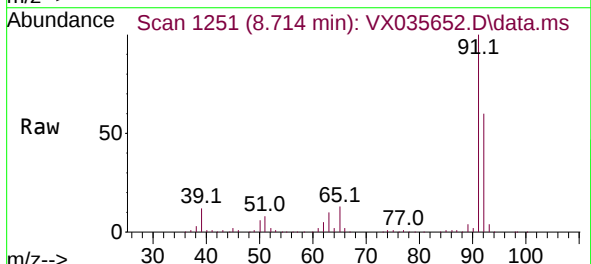
APPROVED

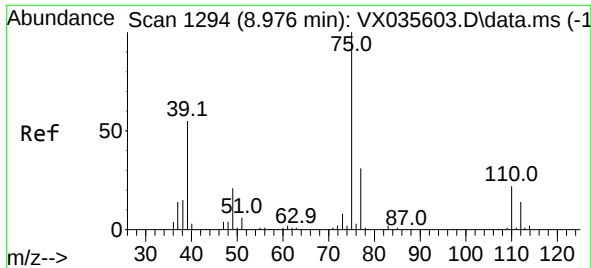
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 45.679 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion: 92 Resp: 325383
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 52.715 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 22646

Ion Ratio Lower Upper

75 100

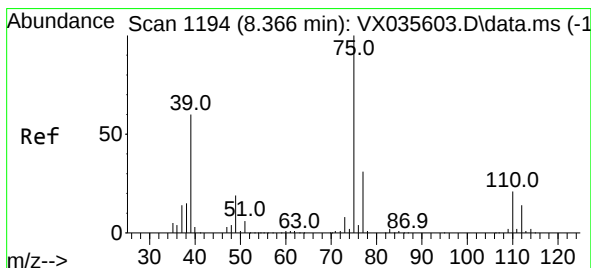
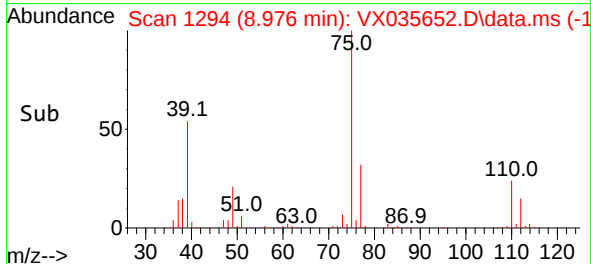
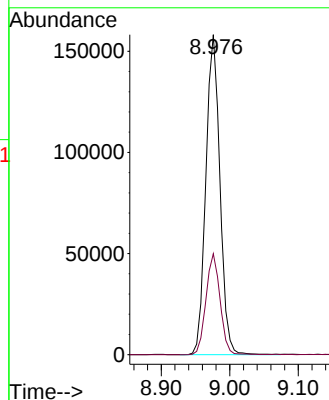
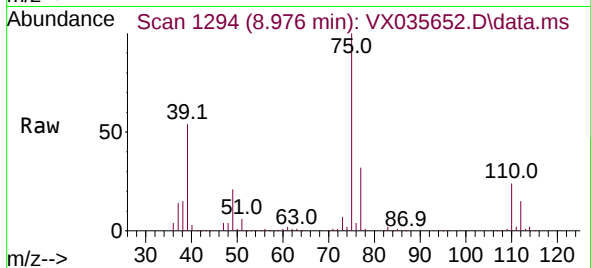
77 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#54

cis-1,3-Dichloropropene

Concen: 51.195 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

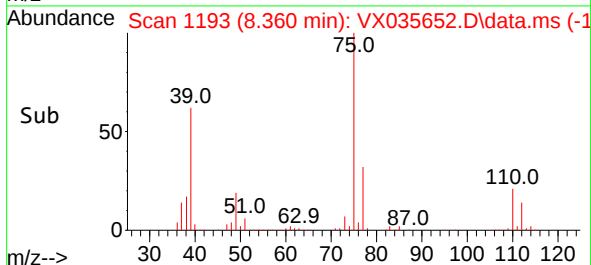
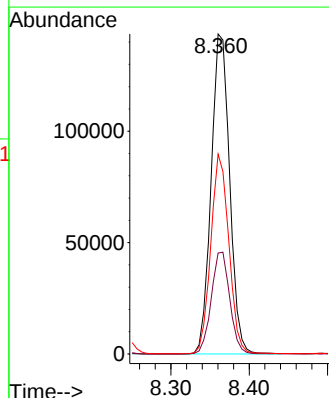
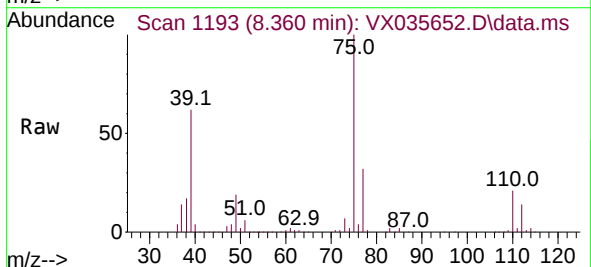
Tgt Ion: 75 Resp: 235639

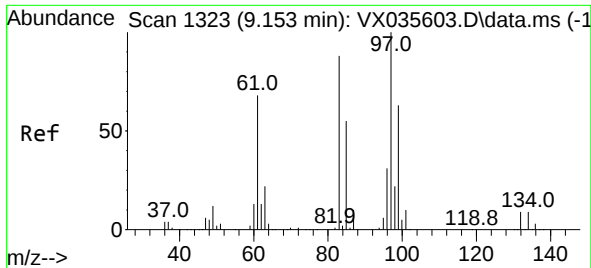
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

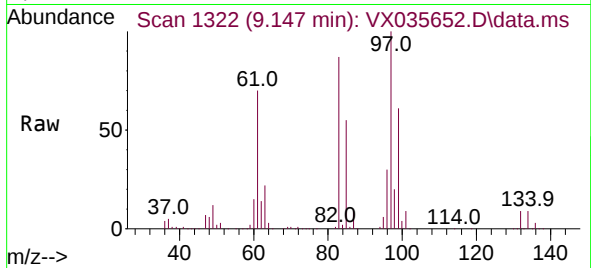
39 62.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.412 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

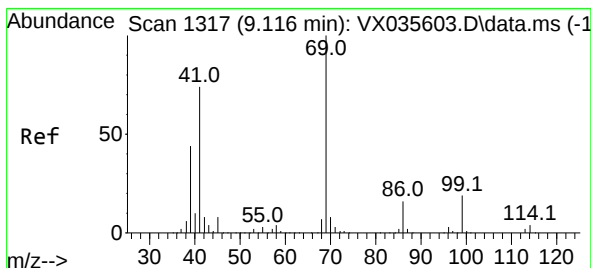
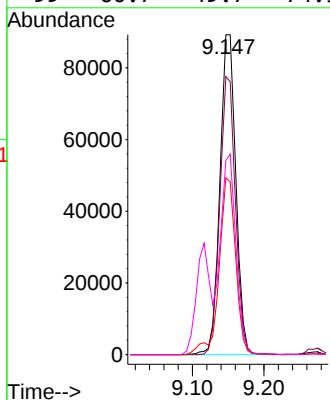
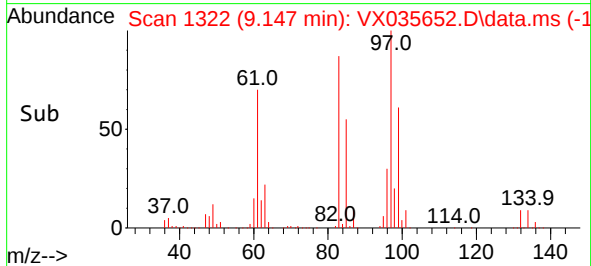
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



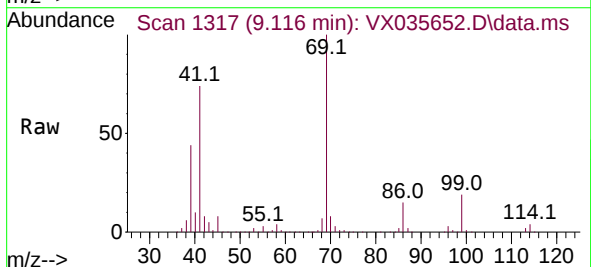
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.7	104.5
85	55.3	43.7	65.5
99	60.7	49.7	74.5

Manual Integrations
APPROVED

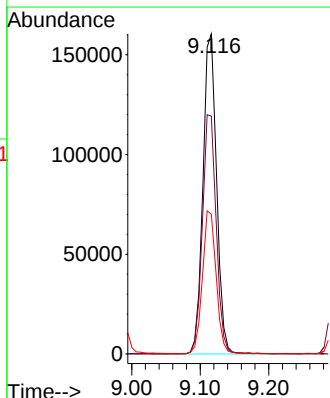
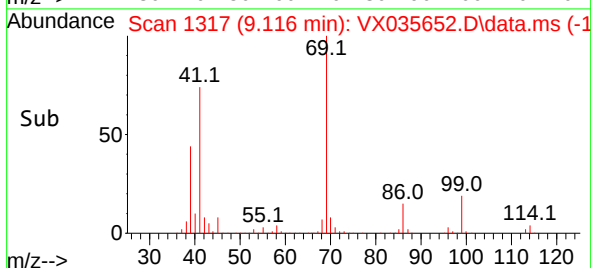
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

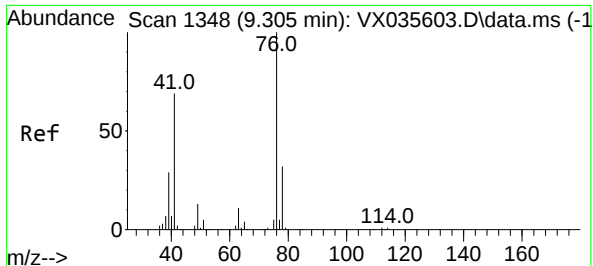


#56
Ethyl methacrylate
Concen: 49.158 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.6	57.4	86.0
39	44.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 48.128 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 244098

Ion Ratio Lower Upper

76 100

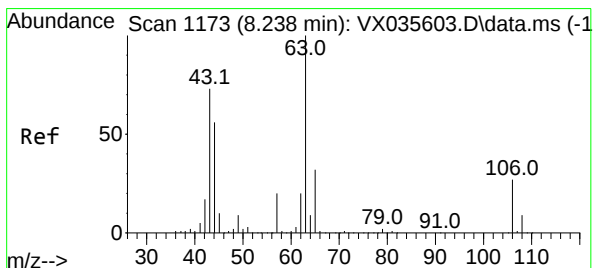
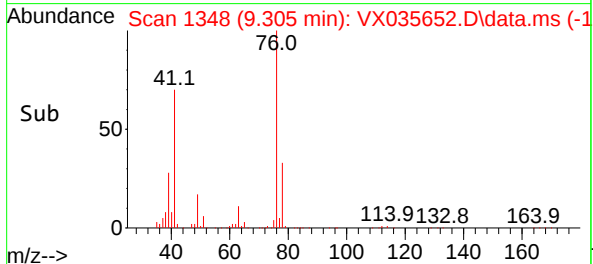
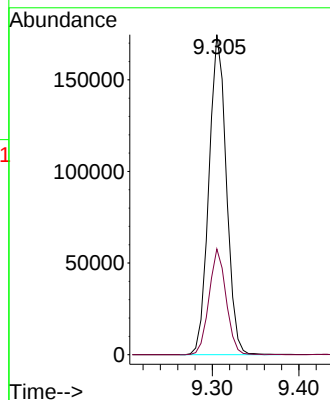
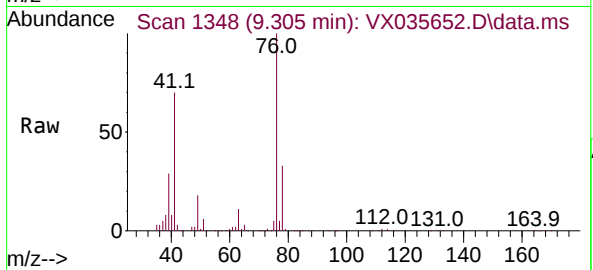
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 257.963 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035652.D

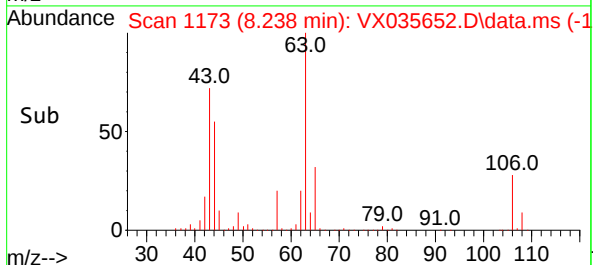
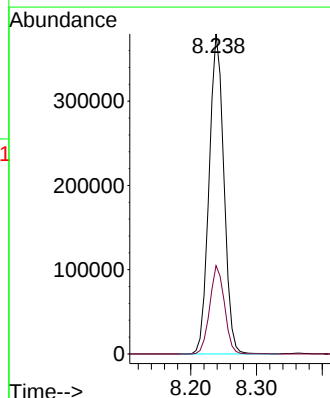
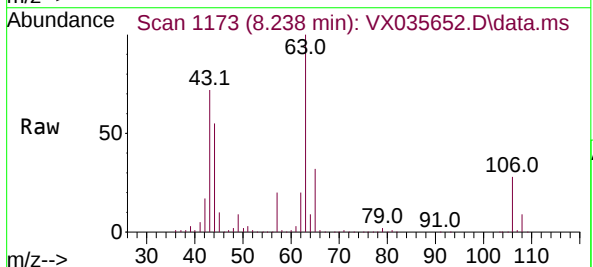
Acq: 15 May 2023 09:51

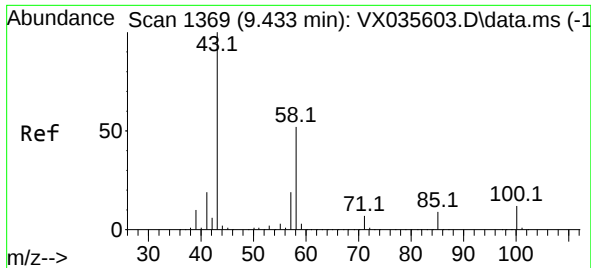
Tgt Ion: 63 Resp: 594566

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





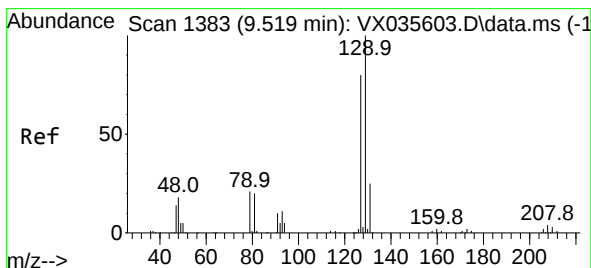
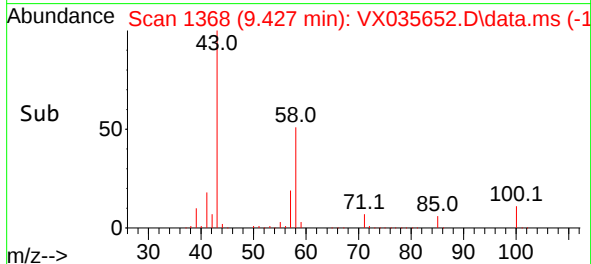
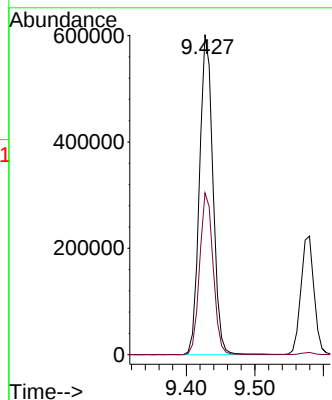
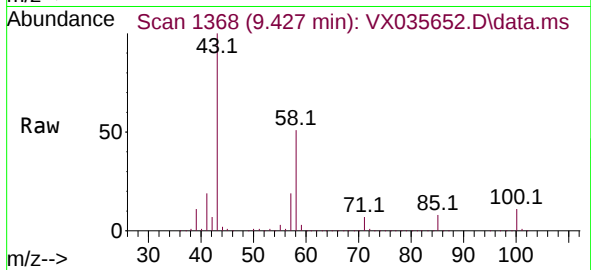
#59
2-Hexanone
Concen: 258.341 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 82232
Ion Ratio Lower Upper
43 100
58 50.9 26.3 78.9

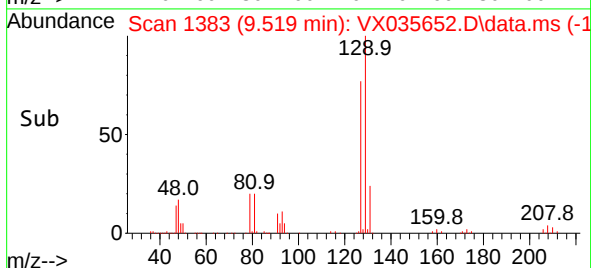
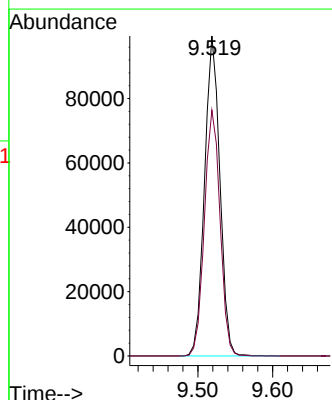
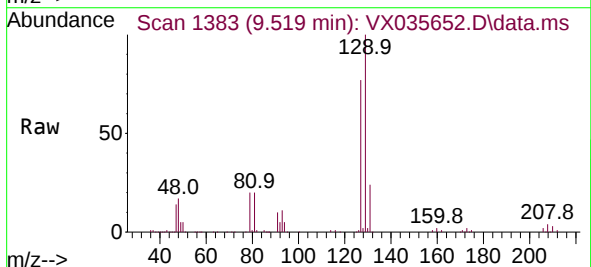
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
Dibromochloromethane
Concen: 53.028 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

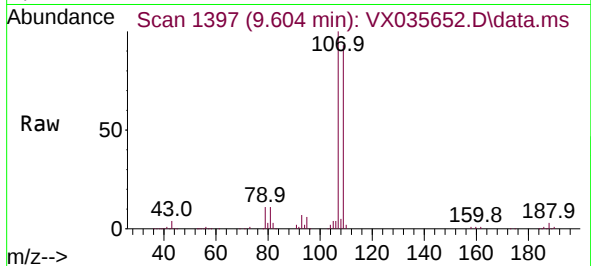
Tgt Ion:129 Resp: 141418
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 48.882 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

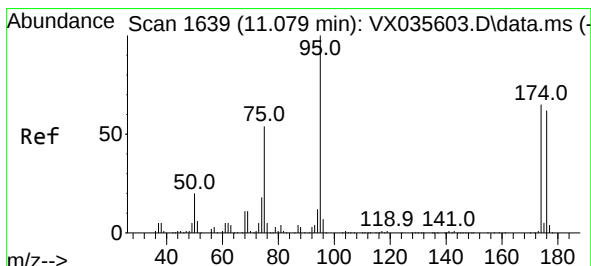
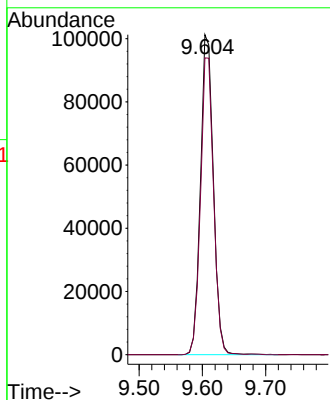
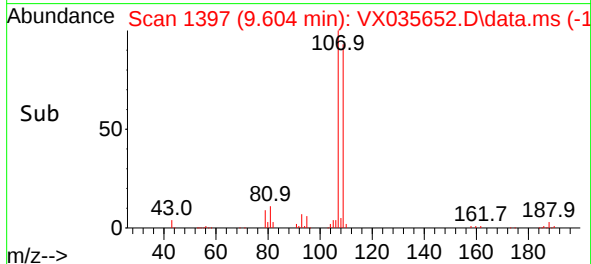
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



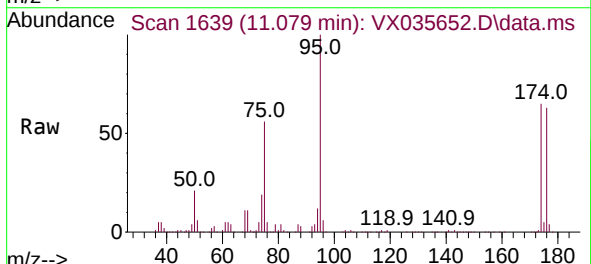
Tgt Ion:107 Resp: 144089
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

Manual Integrations
APPROVED

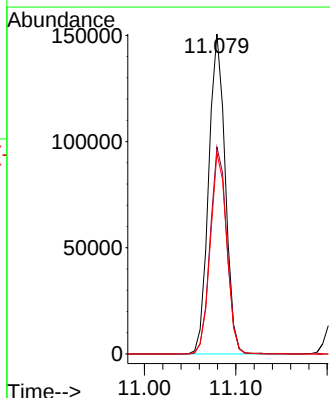
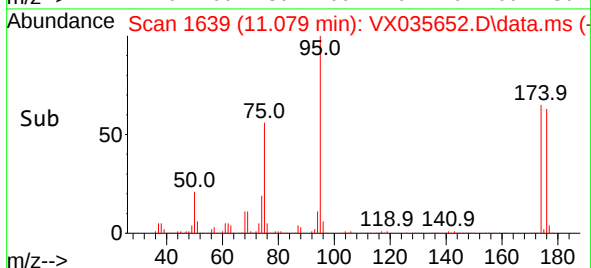
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

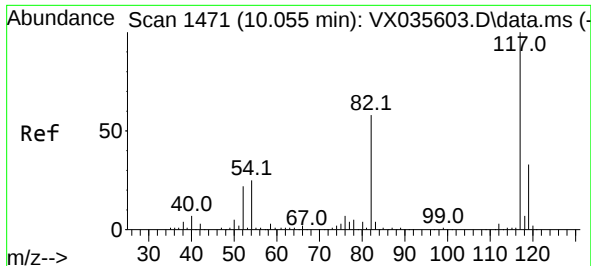


#62
4-Bromofluorobenzene
Concen: 49.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



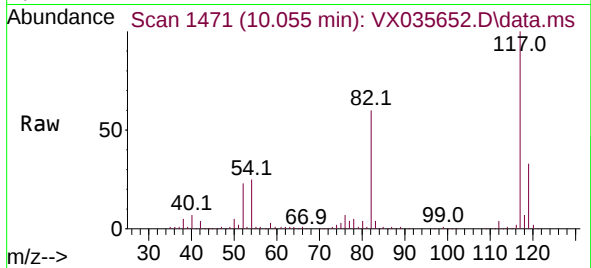
Tgt Ion: 95 Resp: 188300
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 62.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

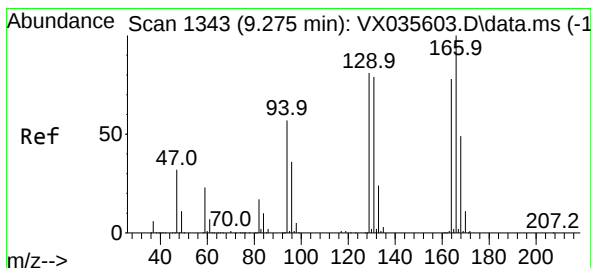
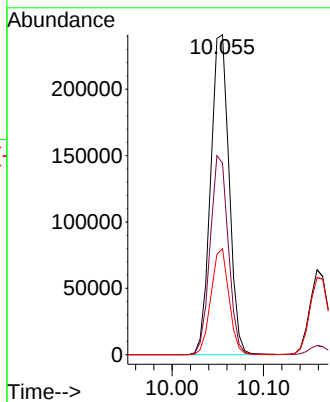
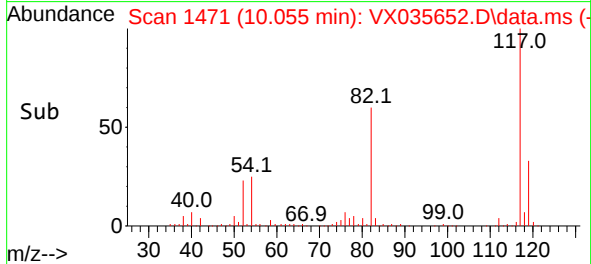
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 33769
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 33.1 26.0 39.0

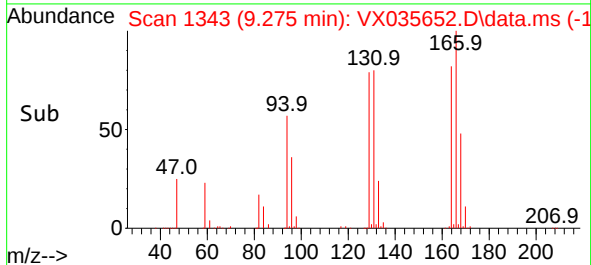
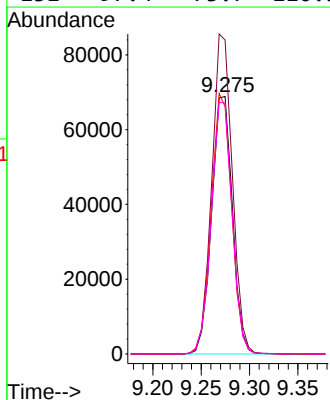
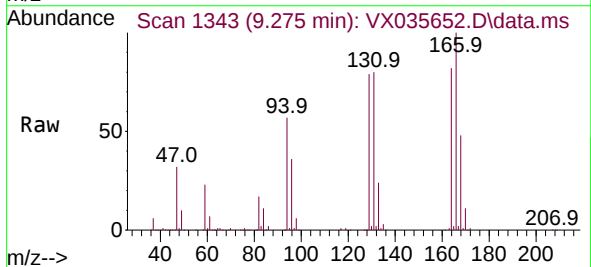
Manual Integrations
APPROVED

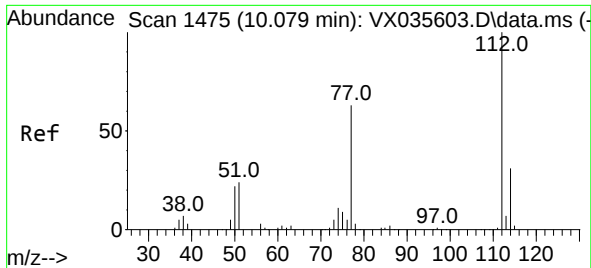
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#64
Tetrachloroethene
Concen: 45.148 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion:164 Resp: 102643
Ion Ratio Lower Upper
164 100
166 121.9 102.7 154.1
129 96.1 75.6 113.4
131 97.4 73.7 110.5





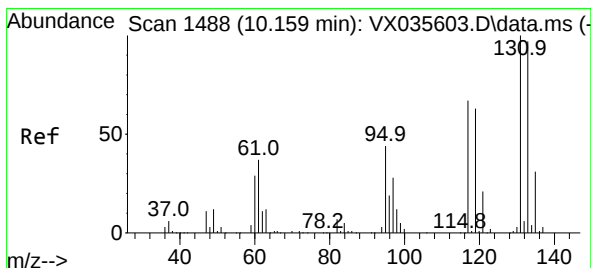
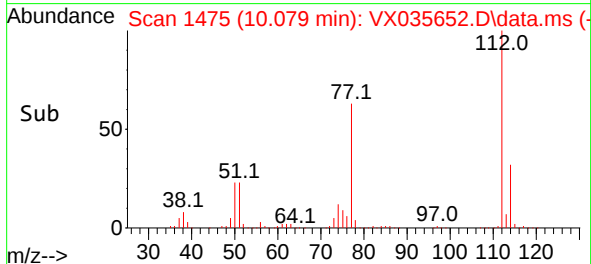
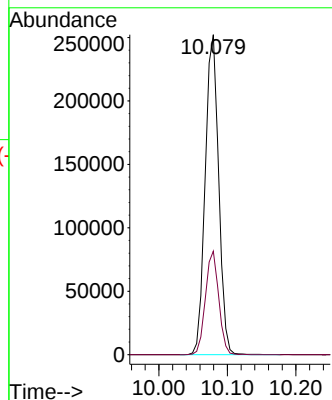
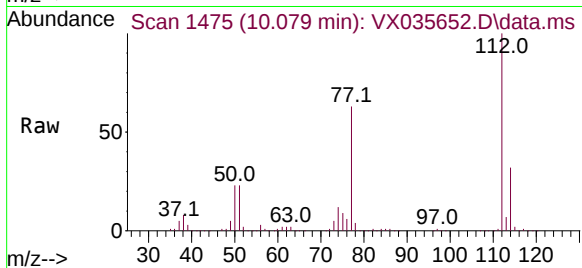
#65
Chlorobenzene
Concen: 46.916 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 34583
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

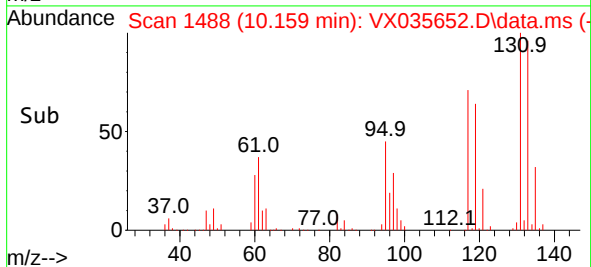
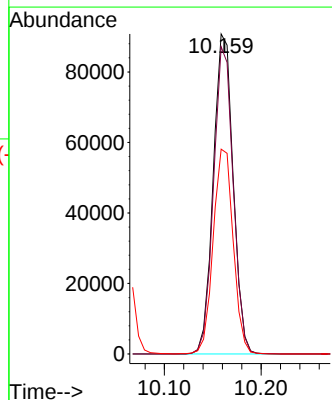
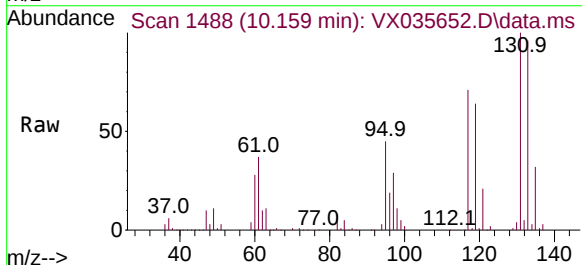
Manual Integrations
APPROVED

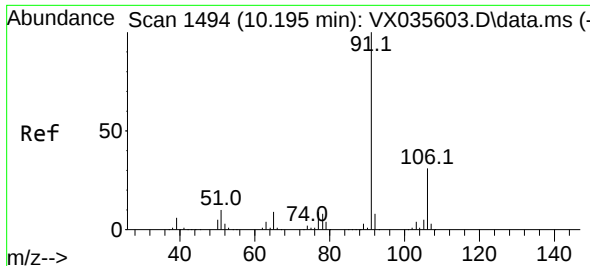
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.672 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion:131 Resp: 129469
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 64.5 32.6 98.0





#67

Ethyl Benzene

Concen: 45.624 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 632514

Ion Ratio Lower Upper

91 100

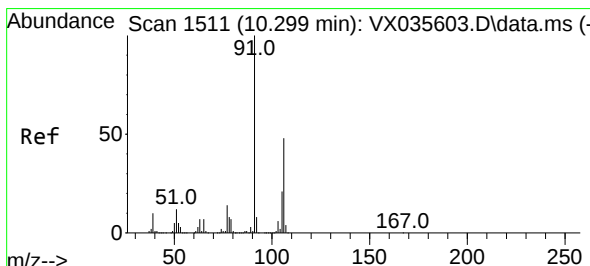
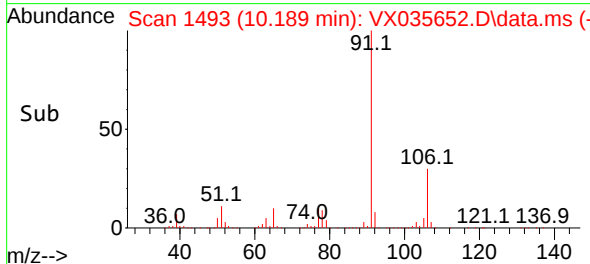
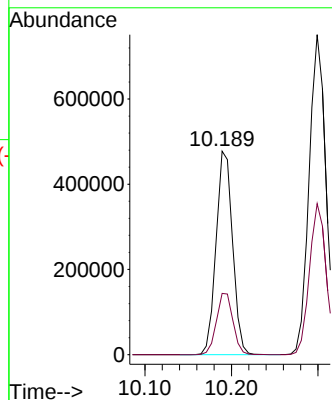
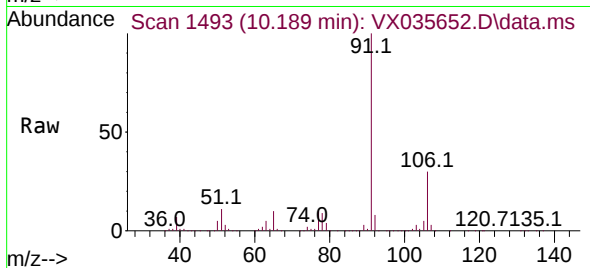
106 30.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#68

m/p-Xylenes

Concen: 92.238 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035652.D

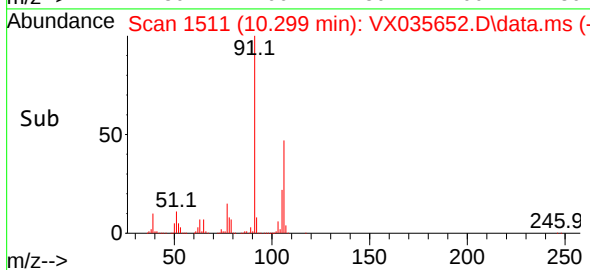
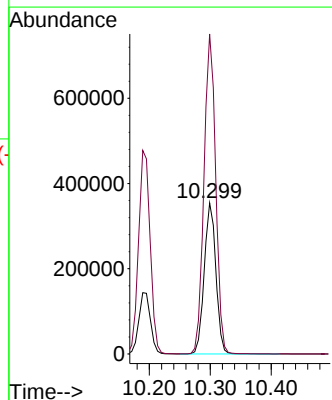
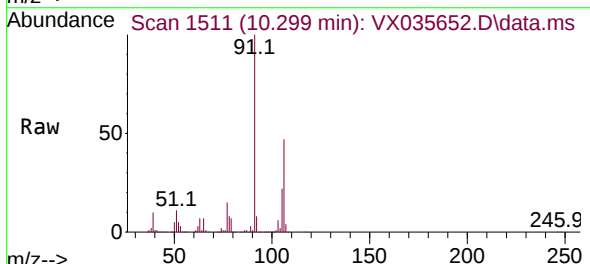
Acq: 15 May 2023 09:51

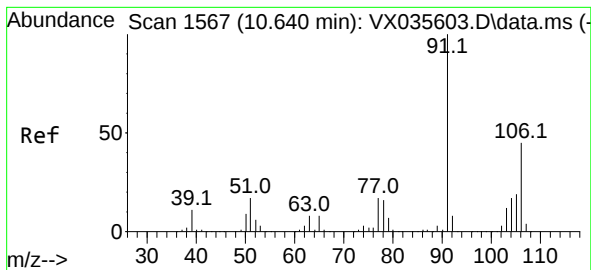
Tgt Ion:106 Resp: 472673

Ion Ratio Lower Upper

106 100

91 212.8 164.0 246.0





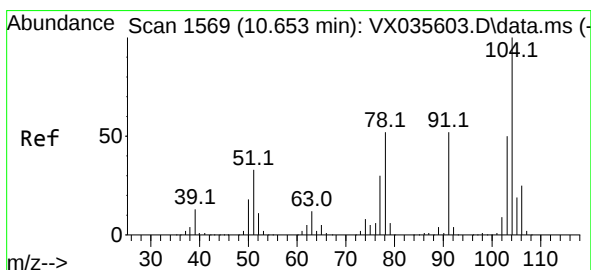
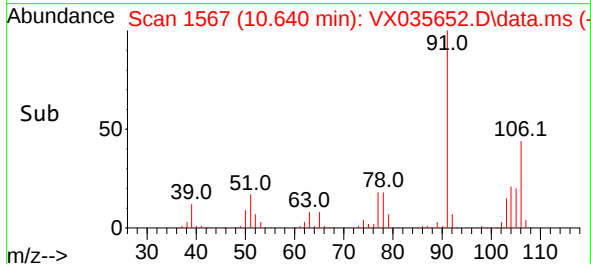
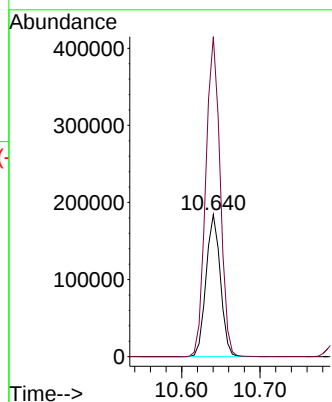
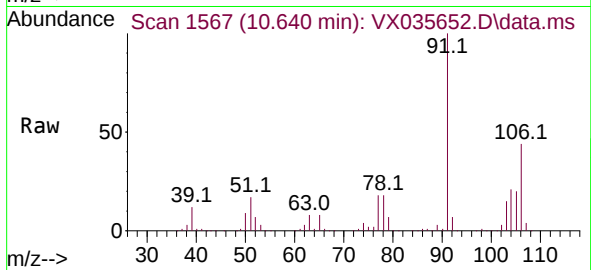
#69
o-Xylene
Concen: 45.991 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 233869
Ion Ratio Lower Upper
106 100
91 226.3 108.5 325.3

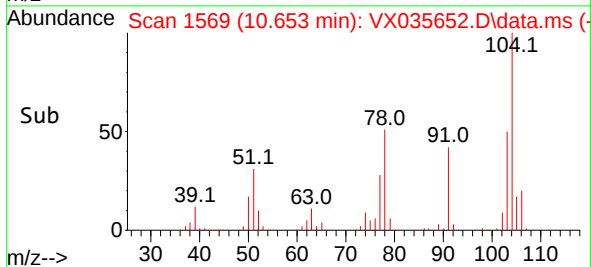
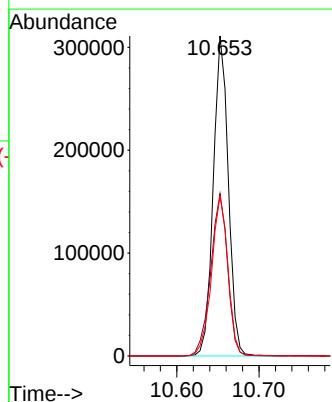
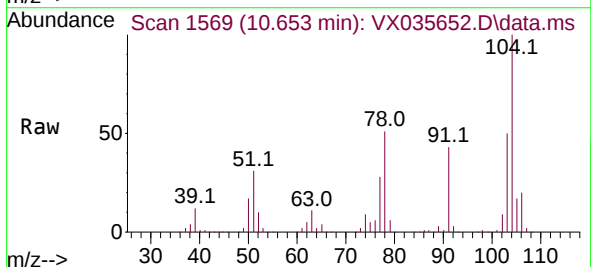
Manual Integrations
APPROVED

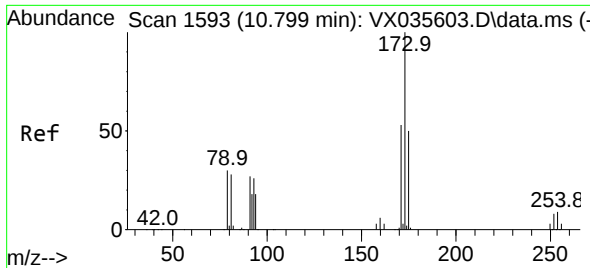
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
Styrene
Concen: 48.238 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

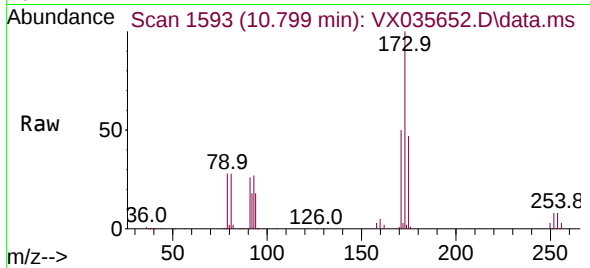
Tgt Ion:104 Resp: 395333
Ion Ratio Lower Upper
104 100
78 56.8 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 53.729 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

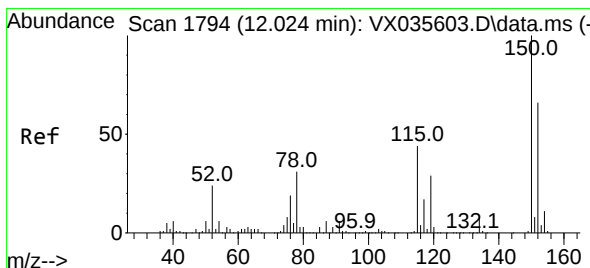
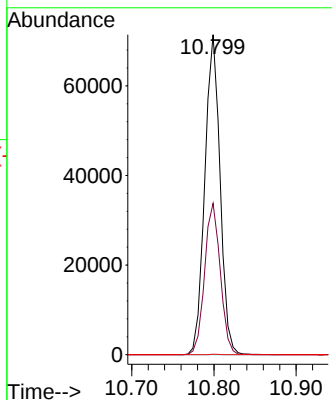
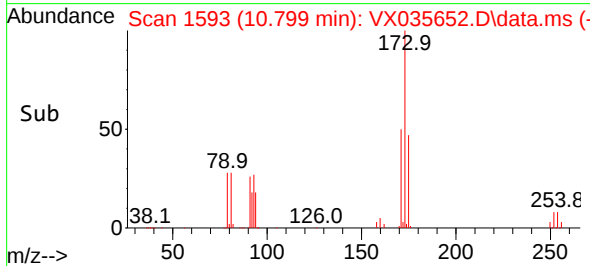
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



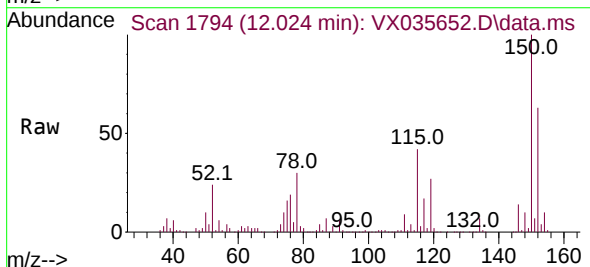
Tgt Ion:173 Resp: 9214
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

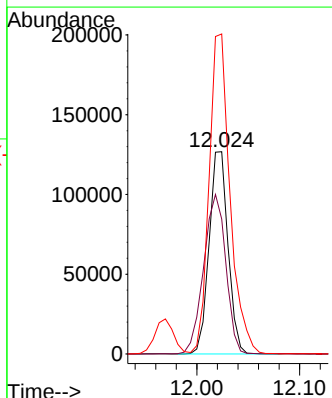
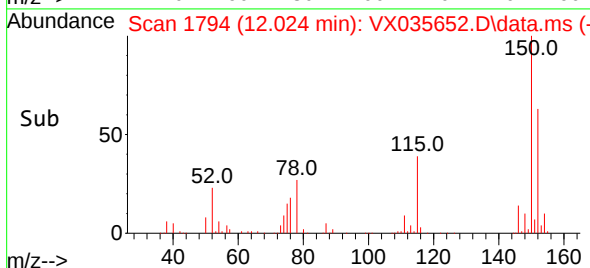
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

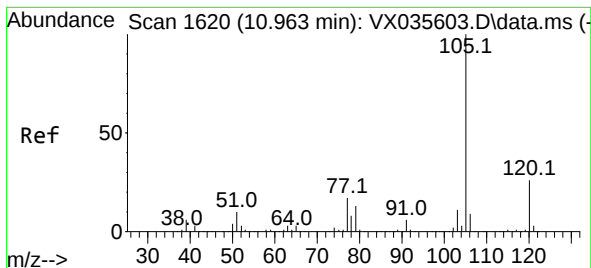


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion:152 Resp: 162166
Ion Ratio Lower Upper
152 100
115 92.6 45.0 135.0
150 174.8 0.0 352.4





#73

Isopropylbenzene

Concen: 44.704 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 61088

Ion Ratio Lower Upper

105 100

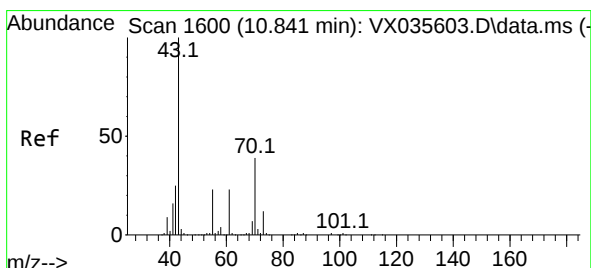
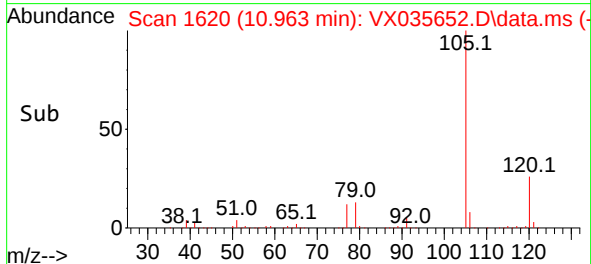
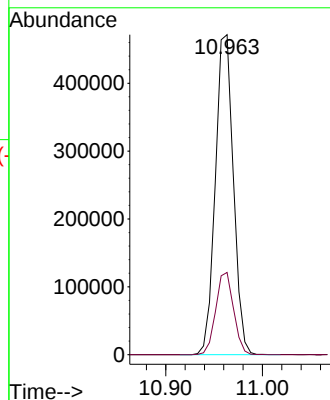
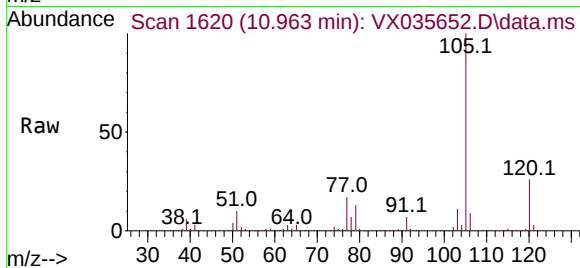
120 25.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#74

N-ethyl acetate

Concen: 47.499 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Tgt Ion: 43 Resp: 302632

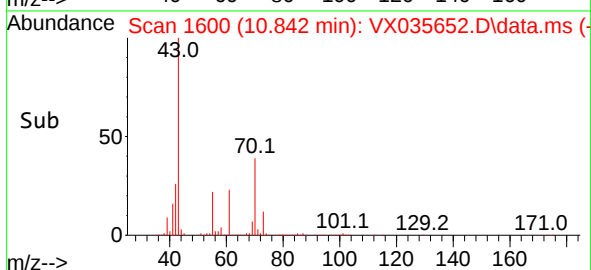
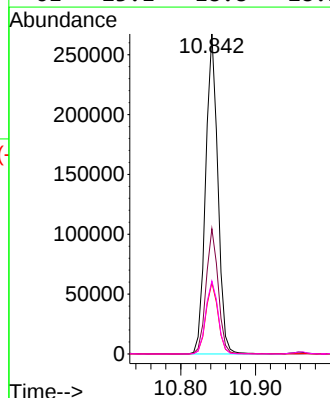
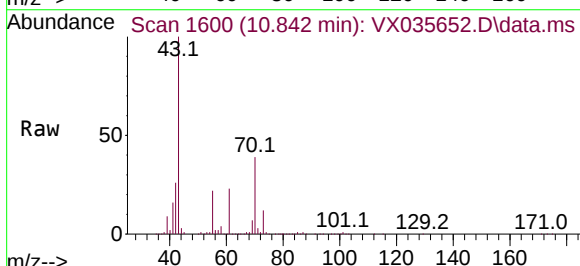
Ion Ratio Lower Upper

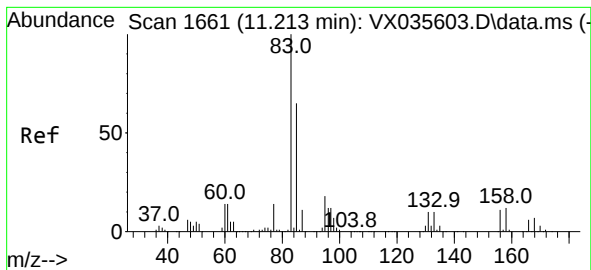
43 100

70 38.9 32.1 48.1

55 22.4 18.3 27.5

61 23.1 18.8 28.2





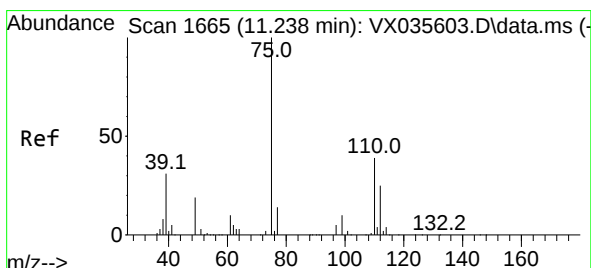
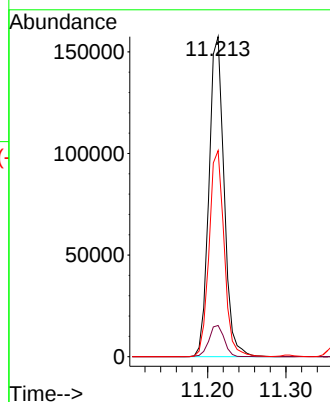
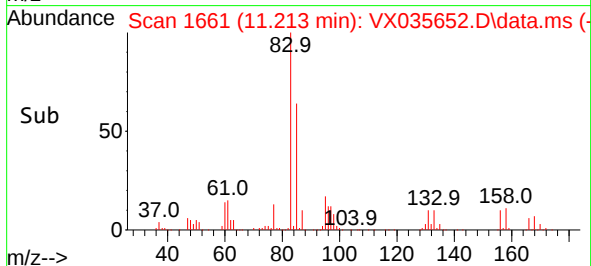
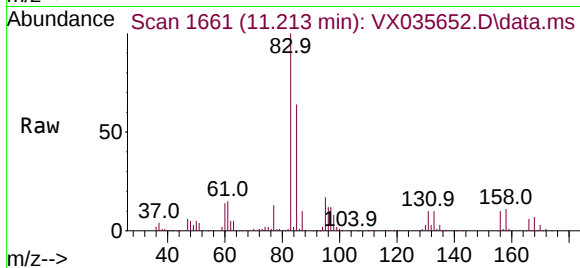
#75
1,1,2,2-Tetrachloroethane
Concen: 47.529 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 210689
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.3 32.0 96.0

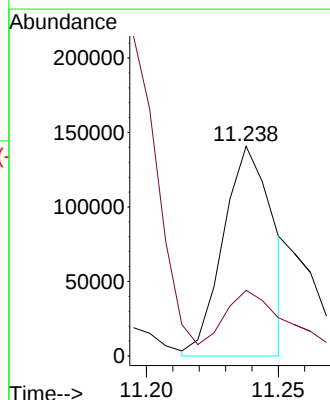
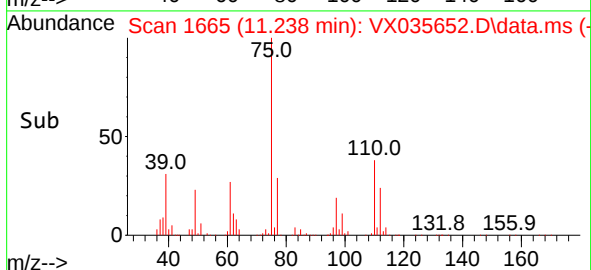
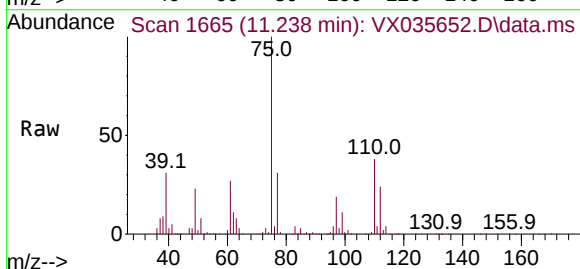
Manual Integrations
APPROVED

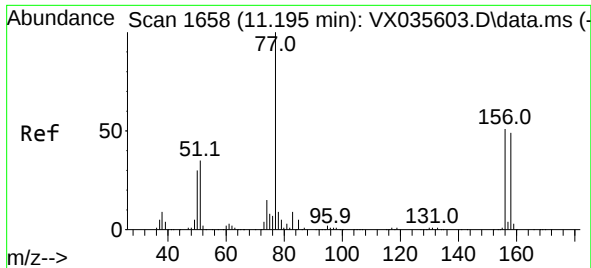
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#76
1,2,3-Trichloropropane
Concen: 46.205 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

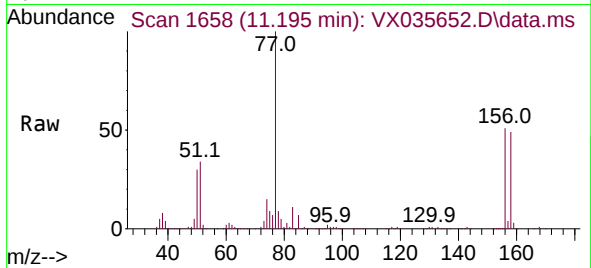
Tgt Ion: 75 Resp: 183279
Ion Ratio Lower Upper
75 100
77 41.0 21.6 64.8





#77
Bromobenzene
Concen: 45.982 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

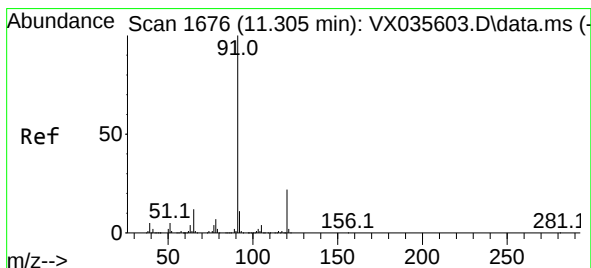
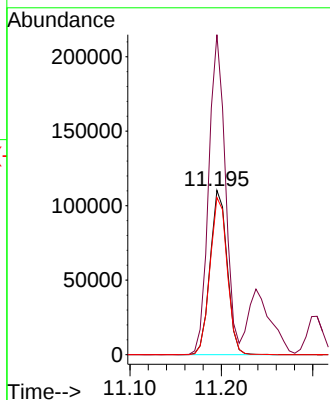
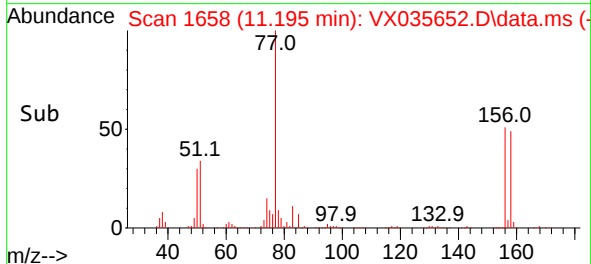
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



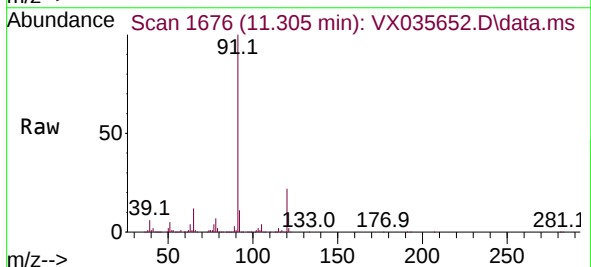
Tgt Ion:156 Resp: 142617
Ion Ratio Lower Upper
156 100
77 189.7 86.7 259.9
158 96.8 48.0 144.0

Manual Integrations
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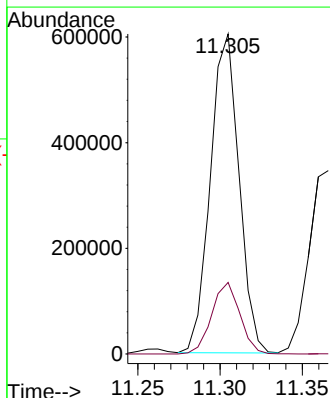
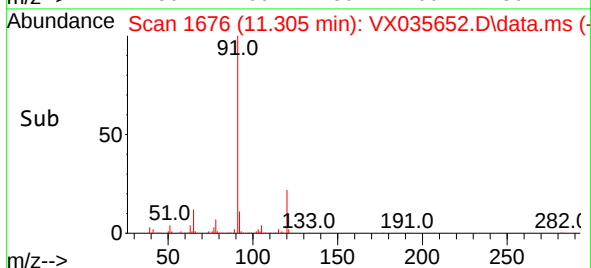
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

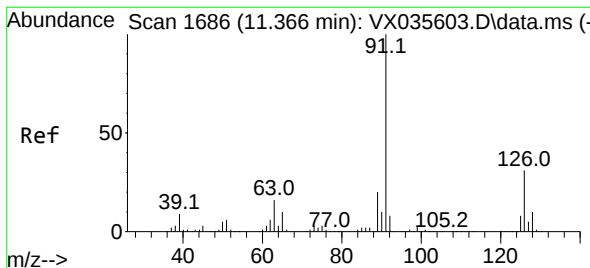


#78
n-propylbenzene
Concen: 45.496 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion: 91 Resp: 730820
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.5





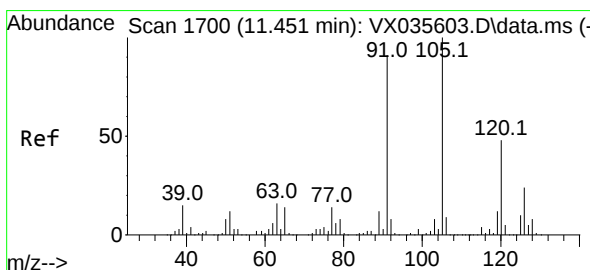
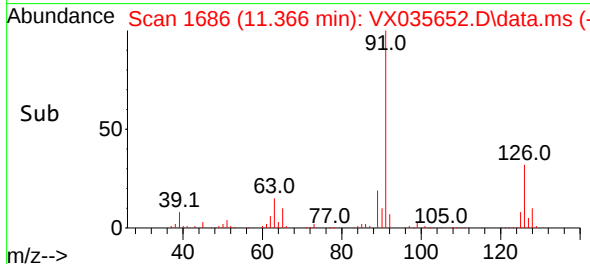
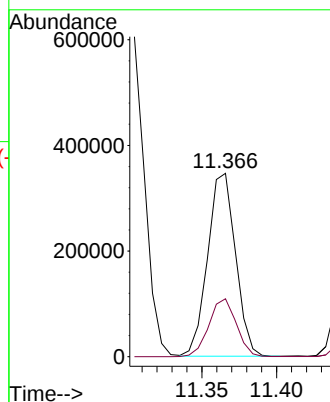
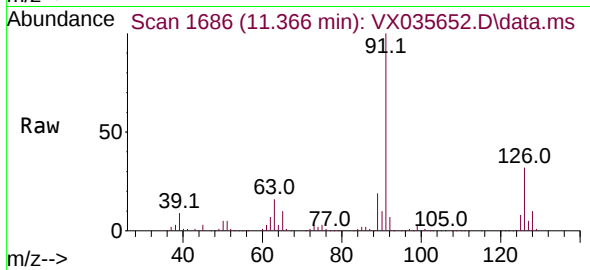
#79
2-Chlorotoluene
Concen: 44.671 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 449254
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.9

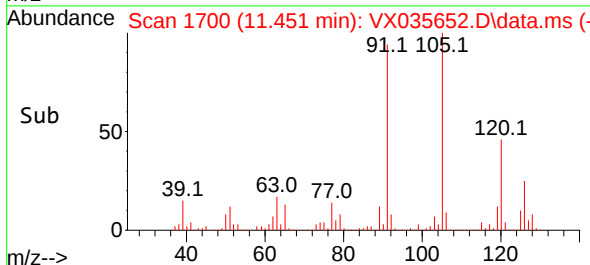
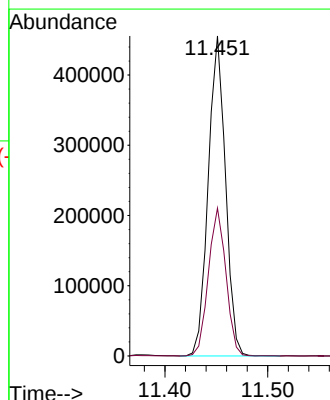
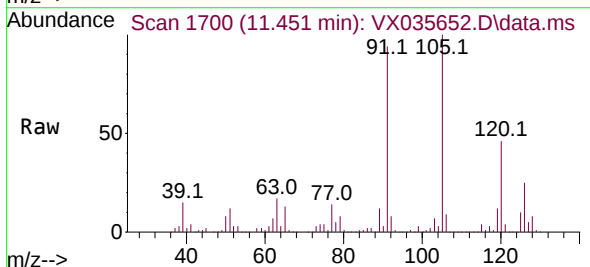
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.727 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion:105 Resp: 531079
Ion Ratio Lower Upper
105 100
120 46.9 23.7 71.1





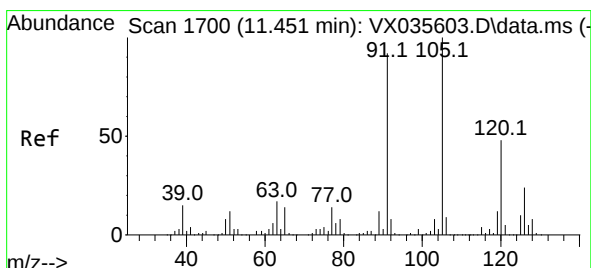
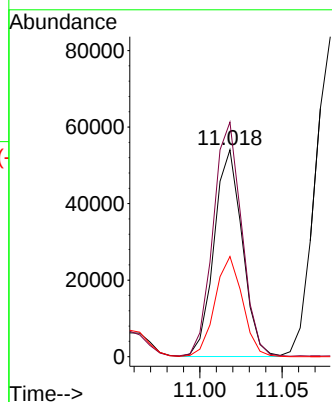
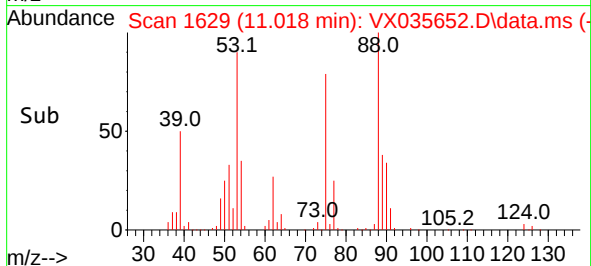
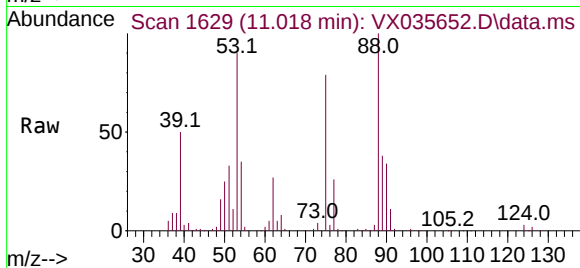
#81
trans-1,4-Dichloro-2-butene
Concen: 52.498 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6461
Ion Ratio Lower Upper
75 100
53 116.0 82.6 124.0
89 47.2 36.9 55.3

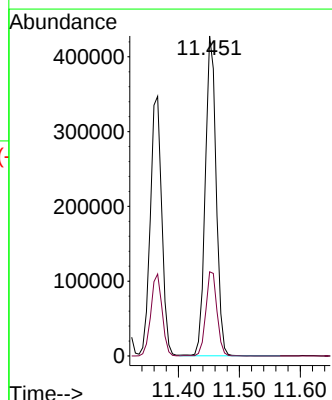
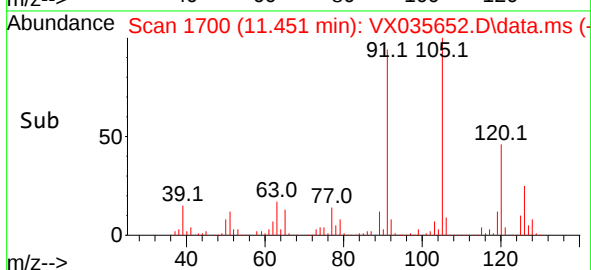
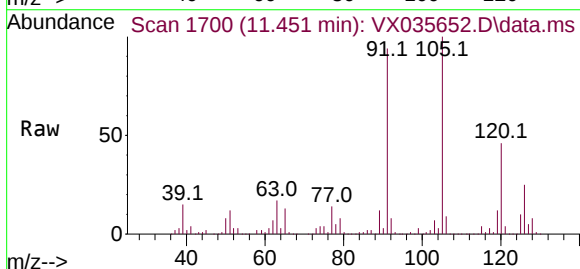
Manual Integrations
APPROVED

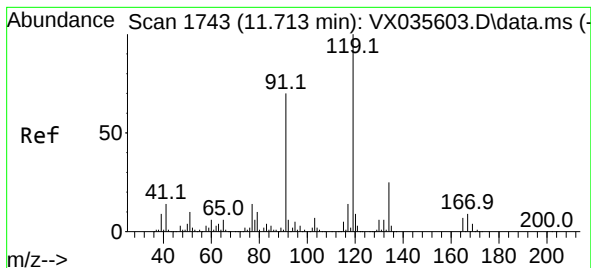
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 45.945 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

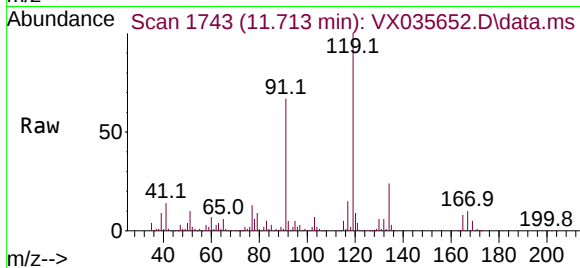
Tgt Ion: 91 Resp: 532140
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.231 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

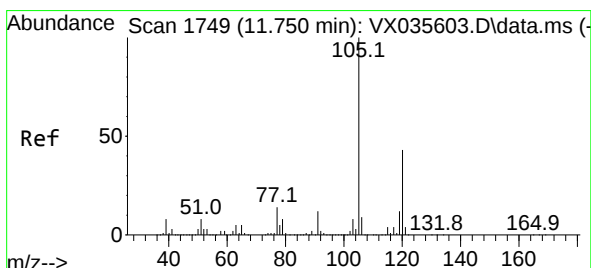
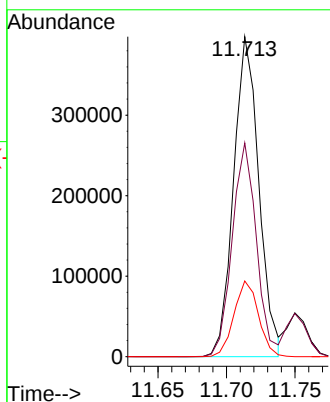
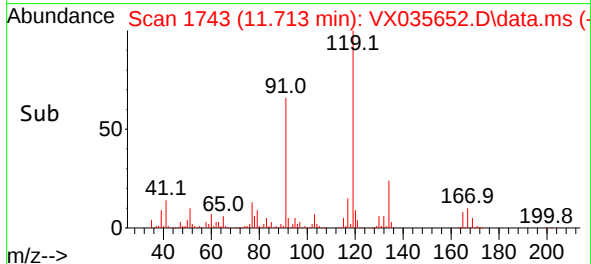
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



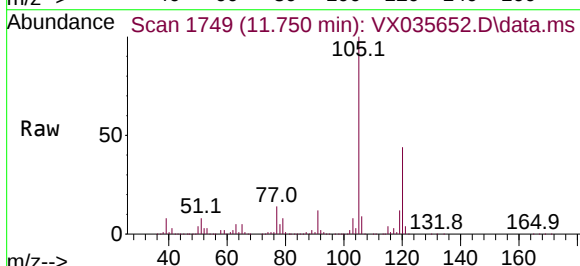
Tgt Ion:119 Resp: 51063
Ion Ratio Lower Upper
119 100
91 64.0 30.6 92.0
134 23.0 11.8 35.4

Manual Integrations
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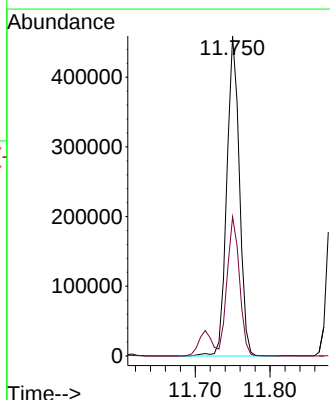
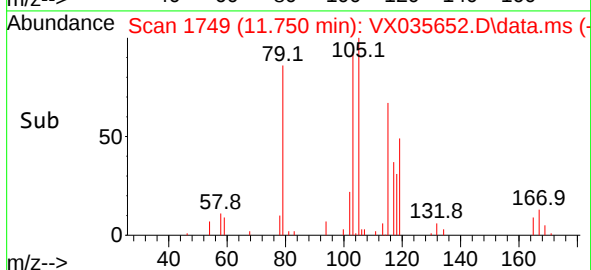
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.069 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



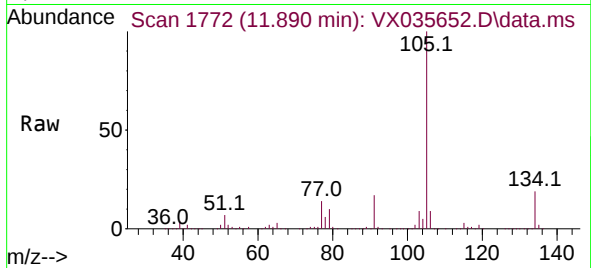
Tgt Ion:105 Resp: 537247
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 45.018 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035652.D
 Acq: 15 May 2023 09:51

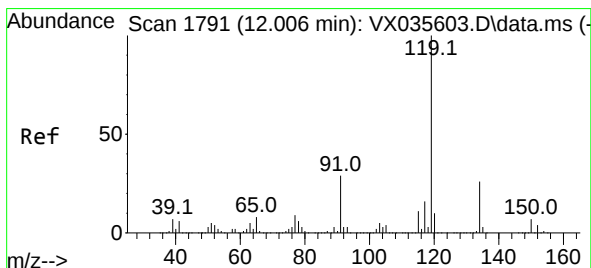
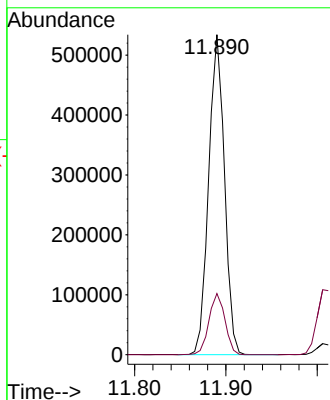
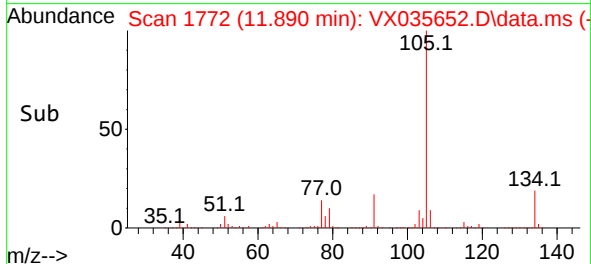
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



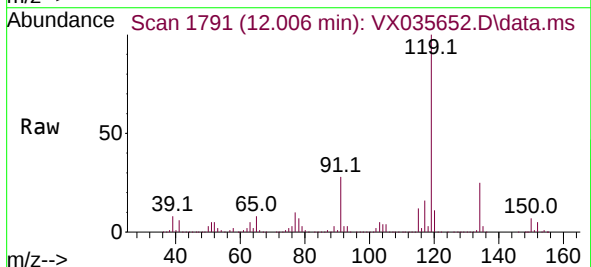
Tgt Ion:105 Resp: 63812
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

Manual Integrations
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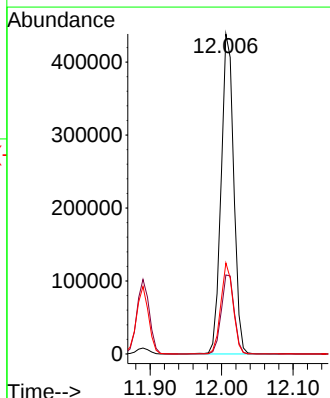
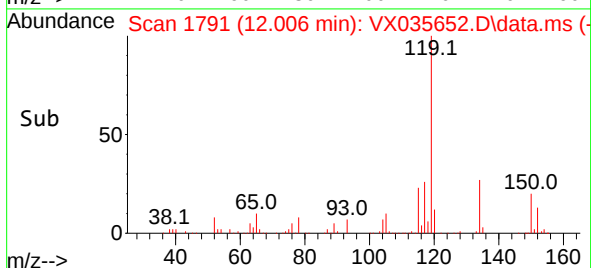
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

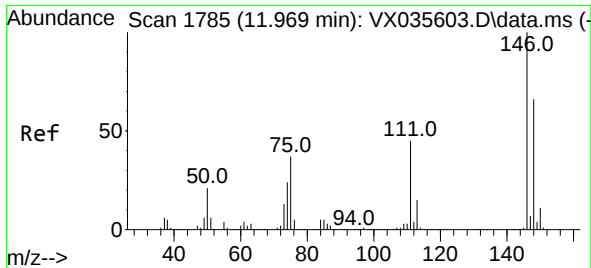


#86
 p-Isopropyltoluene
 Concen: 46.144 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035652.D
 Acq: 15 May 2023 09:51



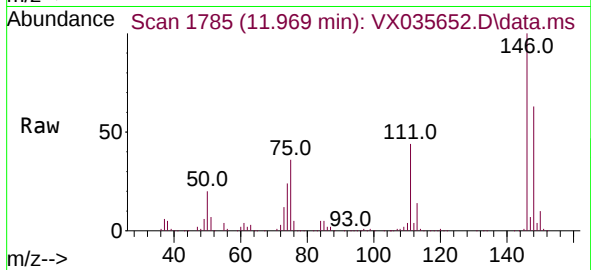
Tgt Ion:119 Resp: 537735
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 27.5 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 46.426 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

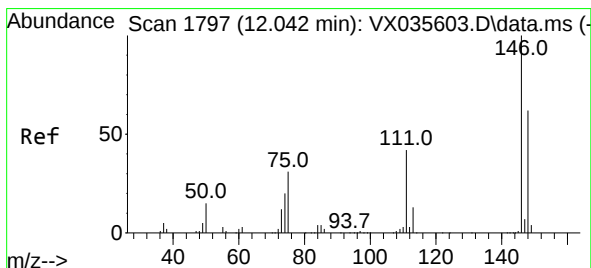
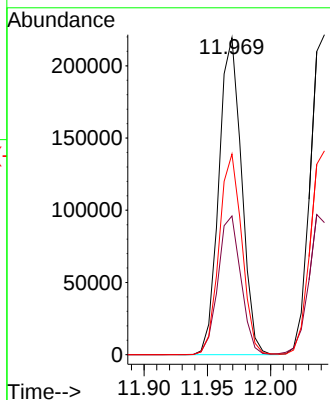
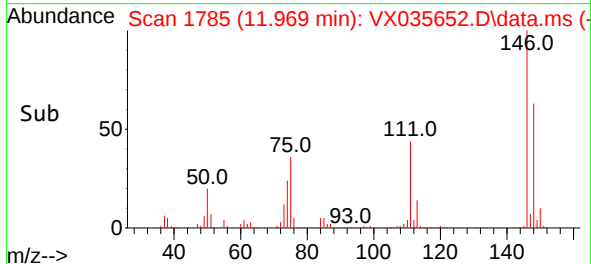
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



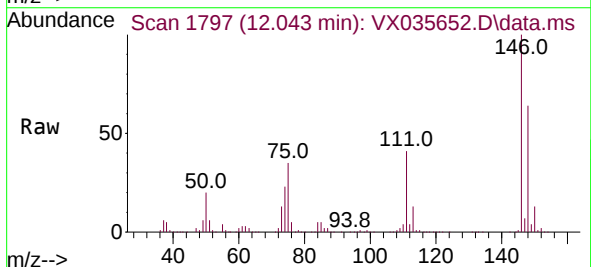
Tgt Ion:146 Resp: 27354
Ion Ratio Lower Upper
146 100
111 44.3 20.9 62.8
148 63.3 31.6 95.0

Manual Integrations
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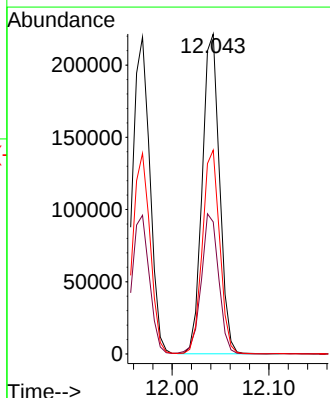
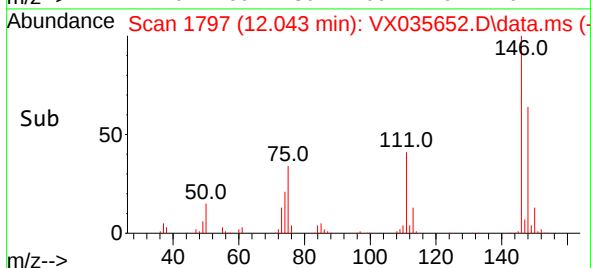
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

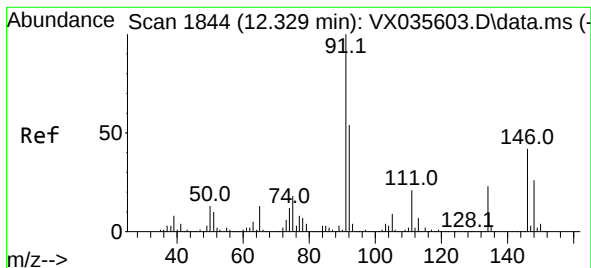


#88
1,4-Dichlorobenzene
Concen: 46.320 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



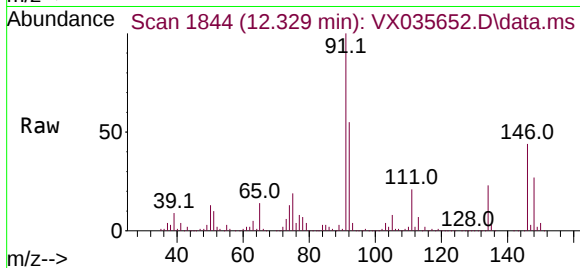
Tgt Ion:146 Resp: 275589
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 46.723 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

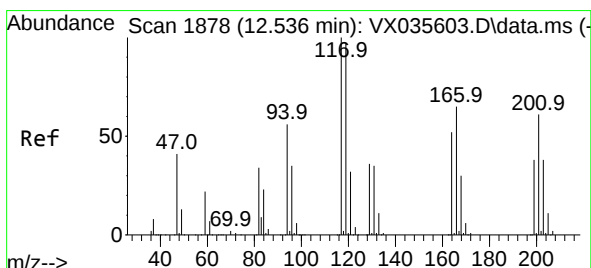
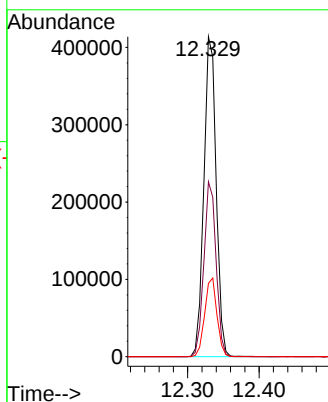
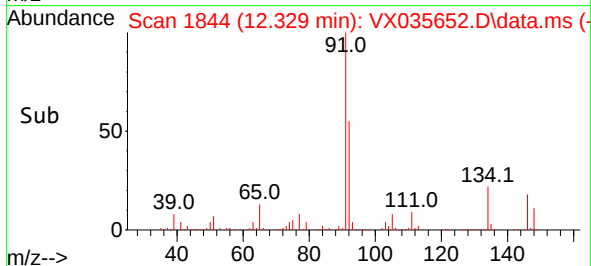
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 49530
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 24.5 13.0 38.9

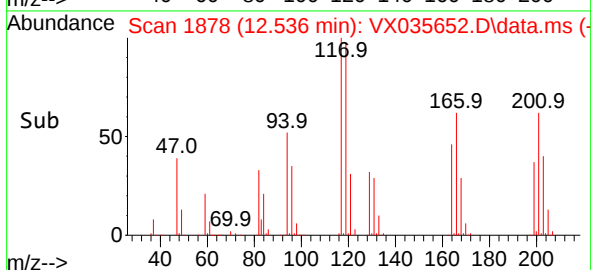
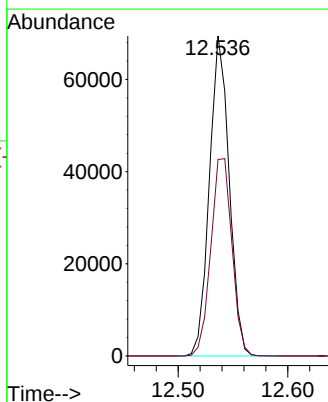
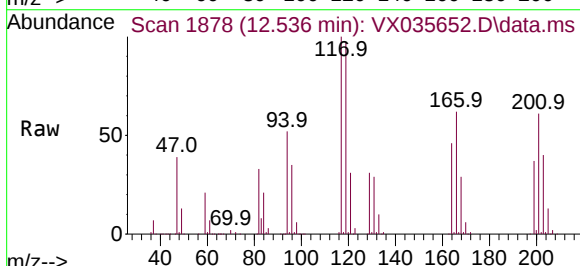
Manual Integrations
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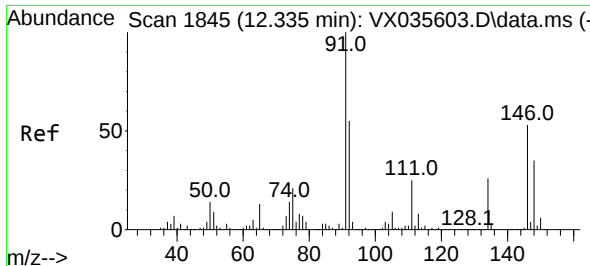
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 49.250 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion:117 Resp: 86988
Ion Ratio Lower Upper
117 100
201 66.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 46.414 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

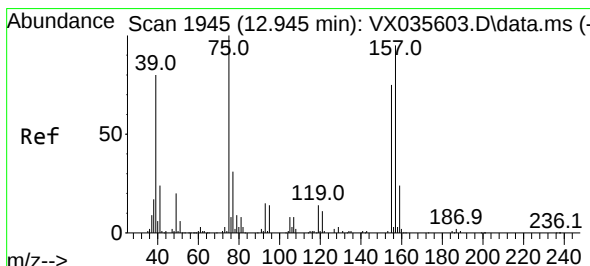
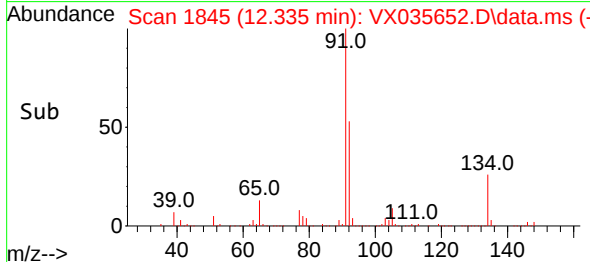
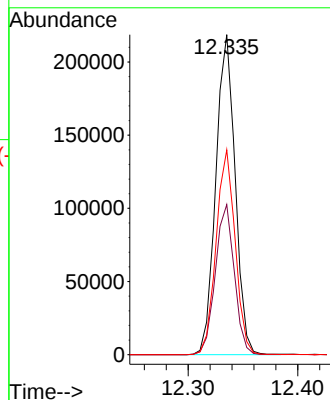
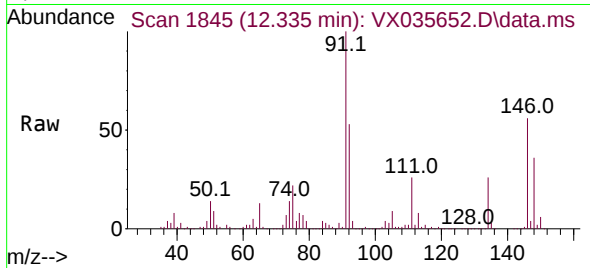
Tgt Ion:146 Resp: 267794
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.2 32.0 96.0

Manual Integrations

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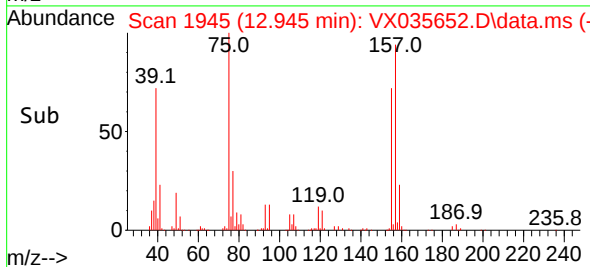
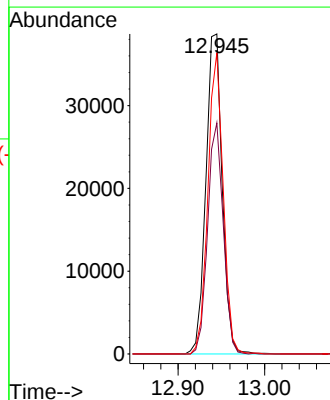
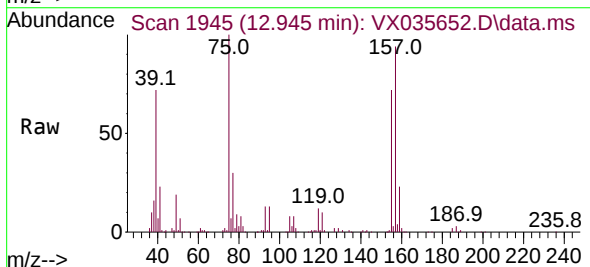
Reviewed By :John Carlone 05/16/2023

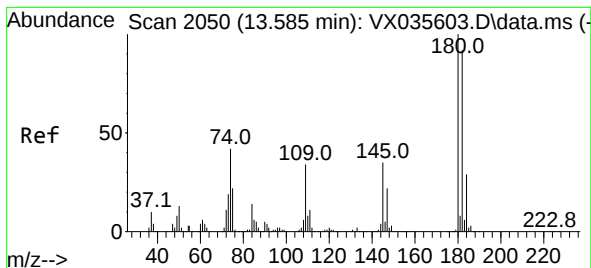
Supervised By :Mahesh Dadoda 05/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.340 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

Tgt Ion: 75 Resp: 50678
Ion Ratio Lower Upper
75 100
155 68.8 38.4 115.1
157 87.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.461 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

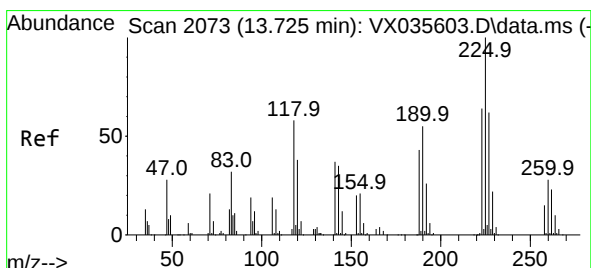
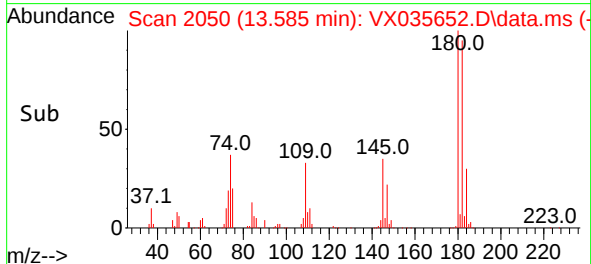
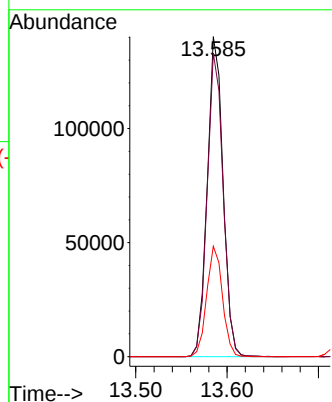
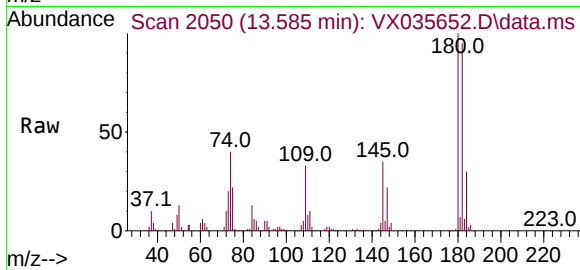
Tgt Ion:180	Resp: 168350
Ion Ratio	Lower Upper
180	100
182	95.7 47.0 141.0
145	34.5 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#94

Hexachlorobutadiene

Concen: 47.192 ug/l

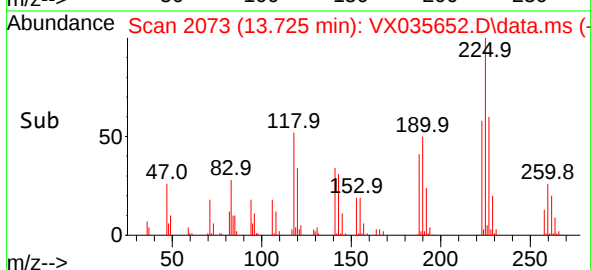
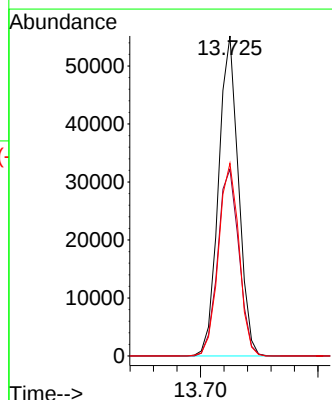
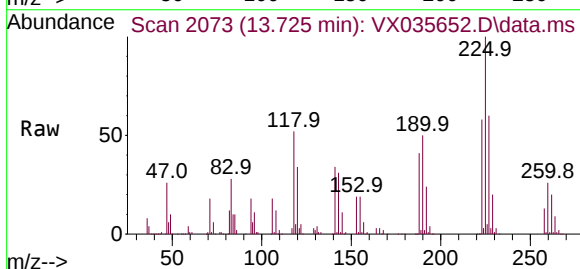
RT: 13.725 min Scan# 2073

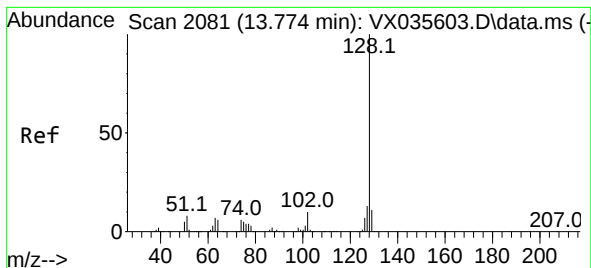
Delta R.T. 0.000 min

Lab File: VX035652.D

Acq: 15 May 2023 09:51

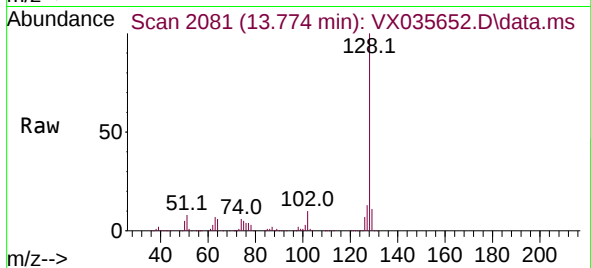
Tgt Ion:225	Resp: 65074
Ion Ratio	Lower Upper
225	100
223	61.8 32.1 96.5
227	61.7 31.8 95.4





#95
Naphthalene
Concen: 48.996 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51

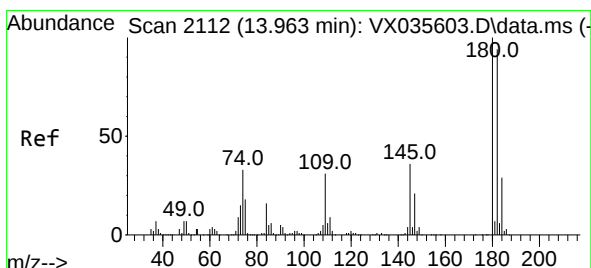
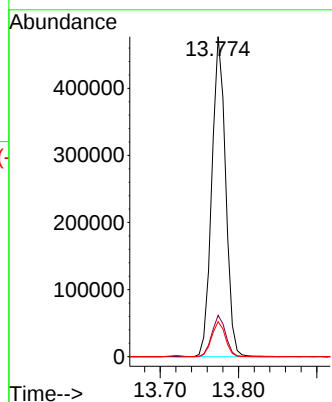
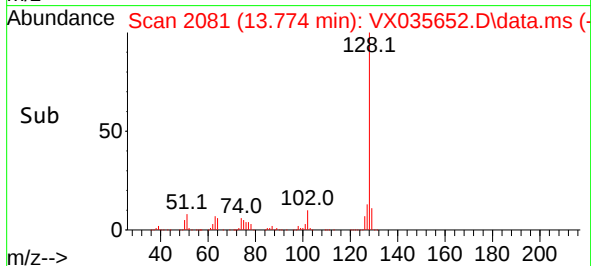
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



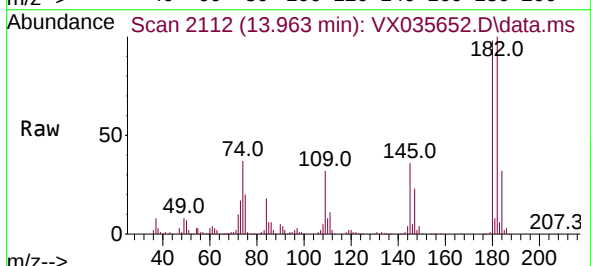
Tgt Ion:128 Resp: 582917
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 47.422 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035652.D
Acq: 15 May 2023 09:51



Tgt Ion:180 Resp: 162029
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 36.7 17.7 53.1

