

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034071.D
 Acq On : 07 Feb 2023 19:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 00:07:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61475	48.349	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.700%		
35) Dibromofluoromethane	5.385	113	55208	47.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.647	98	195974	46.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.900%		
62) 4-Bromofluorobenzene	11.079	95	74581	50.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56637	52.826	ug/l	99
3) Chloromethane	1.294	50	50814	50.223	ug/l	98
4) Vinyl Chloride	1.374	62	50460	47.623	ug/l	99
5) Bromomethane	1.599	94	27982	51.284	ug/l	99
6) Chloroethane	1.685	64	30001	51.203	ug/l	100
7) Trichlorofluoromethane	1.886	101	84482	50.112	ug/l	98
8) Diethyl Ether	2.130	74	27802	47.946	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	54420	48.349	ug/l	92
10) Methyl Iodide	2.453	142	76198	47.785	ug/l	94
11) Tert butyl alcohol	2.947	59	47479	266.531	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	52032	48.183	ug/l	90
13) Acrolein	2.233	56	54133	226.566	ug/l	99
14) Allyl chloride	2.666	41	85198	48.389	ug/l	91
15) Acrylonitrile	3.056	53	139603	244.308	ug/l	99
16) Acetone	2.374	43	122211	227.572	ug/l	97
17) Carbon Disulfide	2.514	76	128680	46.967	ug/l	98
18) Methyl Acetate	2.697	43	82618	49.457	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	168708	50.663	ug/l	99
20) Methylene Chloride	2.788	84	58448	47.573	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	57359	48.768	ug/l	97
22) Diisopropyl ether	3.757	45	168862	48.600	ug/l	92
23) Vinyl Acetate	3.721	43	656419	248.095	ug/l	96
24) 1,1-Dichloroethane	3.611	63	98972	49.418	ug/l	99
25) 2-Butanone	4.550	43	184890	236.442	ug/l	96
26) 2,2-Dichloropropane	4.477	77	72942	49.929	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66858	49.418	ug/l	96
28) Bromochloromethane	4.897	49	42463	48.225	ug/l	86
29) Tetrahydrofuran	5.001	42	119378	240.033	ug/l	93
30) Chloroform	5.093	83	105406	50.500	ug/l	98
31) Cyclohexane	5.471	56	87873	47.457	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	92166	51.273	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78088	49.158	ug/l	99
37) Ethyl Acetate	4.708	43	73566	49.713	ug/l	99
38) Carbon Tetrachloride	5.678	117	85850	50.672	ug/l	98
39) Methylcyclohexane	7.379	83	95130	47.575	ug/l	95
40) Benzene	6.038	78	225928	49.155	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42865	51.472	ug/l	97
42) 1,2-Dichloroethane	6.086	62	81247	52.021	ug/l	100
43) Isopropyl Acetate	6.336	43	115916	50.228	ug/l	97
44) Trichloroethene	7.123	130	69462	49.173	ug/l	96
45) 1,2-Dichloropropane	7.428	63	56403	49.703	ug/l	99
46) Dibromomethane	7.580	93	42208	51.916	ug/l	95
47) Bromodichloromethane	7.818	83	80548	52.285	ug/l	96
48) Methyl methacrylate	7.690	41	61429	51.554	ug/l	95
49) 1,4-Dioxane	7.659	88	25023	1091.003	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	371103	256.362	ug/l	97
52) Toluene	8.720	92	149211	50.093	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82489	53.264	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90817	51.543	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61325	51.544	ug/l	96
56) Ethyl methacrylate	9.116	69	89043	53.585	ug/l	95
57) 1,3-Dichloropropane	9.305	76	98673	50.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	200174	258.906	ug/l	97
59) 2-Hexanone	9.427	43	274252	258.887	ug/l	97
60) Dibromochloromethane	9.519	129	70086	53.151	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66237	51.774	ug/l	98
64) Tetrachloroethene	9.275	164	64795	47.681	ug/l	98
65) Chlorobenzene	10.079	112	169546	50.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66909	52.678	ug/l	97
67) Ethyl Benzene	10.195	91	291444	51.229	ug/l	99
68) m/p-Xylenes	10.299	106	231297	101.712	ug/l	98
69) o-Xylene	10.640	106	113768	52.091	ug/l	99
70) Styrene	10.653	104	191018	53.104	ug/l	99
71) Bromoform	10.799	173	57883	55.869	ug/l #	99
73) Isopropylbenzene	10.963	105	299152	49.193	ug/l	99
74) N-amyl acetate	10.842	43	102086	50.957	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88664	48.457	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72362m	46.314	ug/l	
77) Bromobenzene	11.195	156	83361	49.435	ug/l	97
78) n-propylbenzene	11.305	91	334623	49.767	ug/l	99
79) 2-Chlorotoluene	11.366	91	199702	49.052	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	252940	49.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25095	49.465	ug/l	99
82) 4-Chlorotoluene	11.451	91	229234	49.783	ug/l	99
83) tert-Butylbenzene	11.713	119	262931	50.278	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	255602	50.544	ug/l	99
85) sec-Butylbenzene	11.890	105	313572	50.116	ug/l	99
86) p-Isopropyltoluene	12.006	119	275365	50.178	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	152248	49.204	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	150770	47.994	ug/l	99
89) n-Butylbenzene	12.329	91	219147	50.935	ug/l	99
90) Hexachloroethane	12.536	117	44209	51.173	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	147556	48.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18489	51.387	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	107266	50.308	ug/l	99
94) Hexachlorobutadiene	13.725	225	49712	47.103	ug/l	100
95) Naphthalene	13.774	128	298119	50.889	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104047	48.580	ug/l	98

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Response via : Initial Calibration

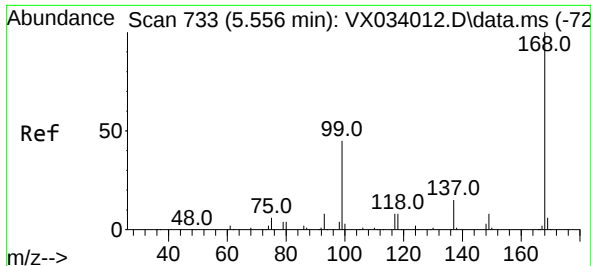
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

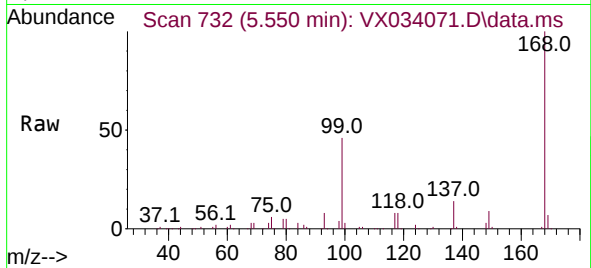
Quant Time: Feb 08 00:07:30 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034071.D
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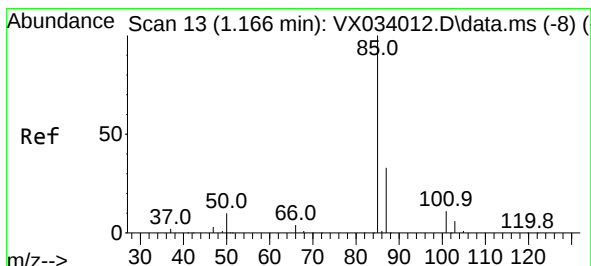
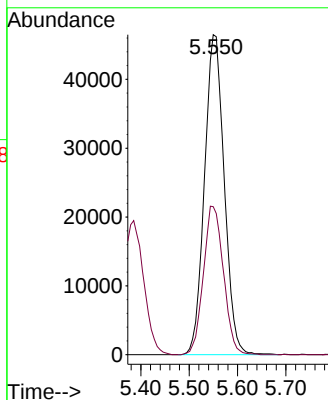
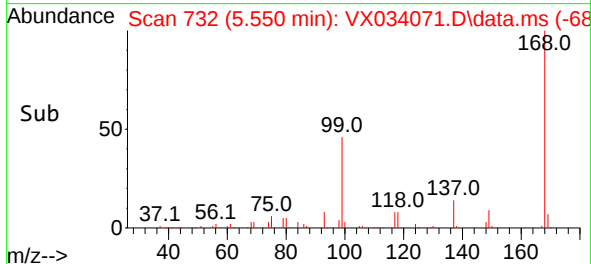
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 131889
Ion Ratio Lower Upper
168 100
99 46.2 39.6 59.4

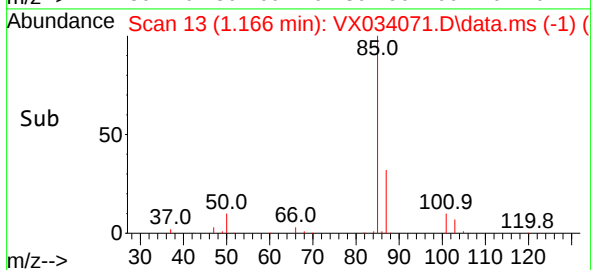
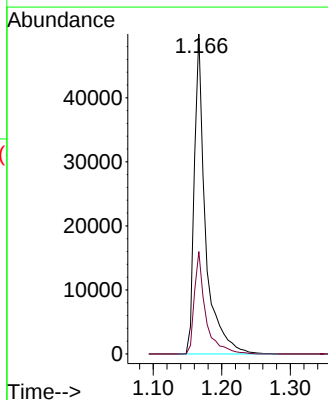
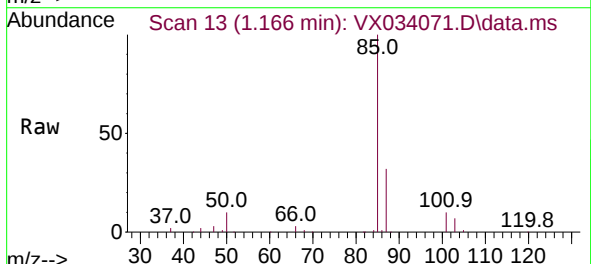
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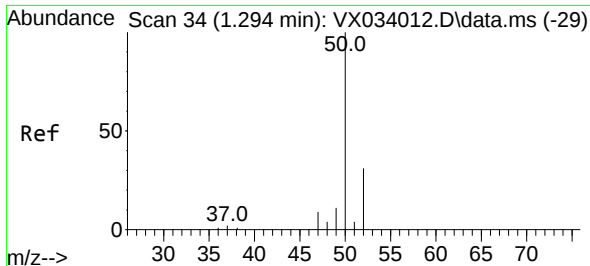
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 52.826 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 85 Resp: 56637
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





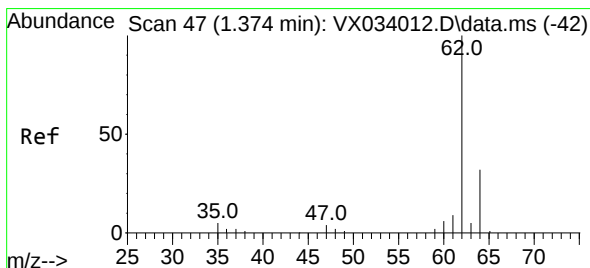
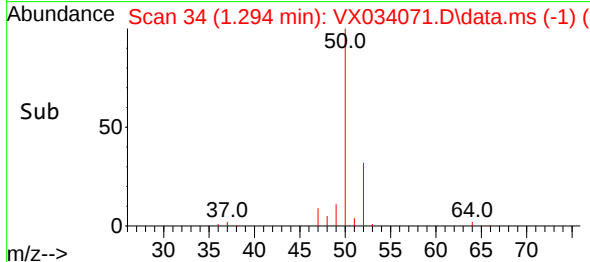
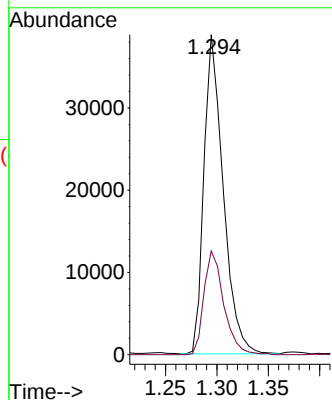
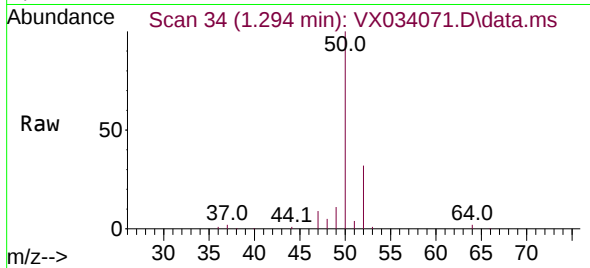
#3
Chloromethane
Concen: 50.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
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Tgt Ion: 50 Resp: 50814
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8

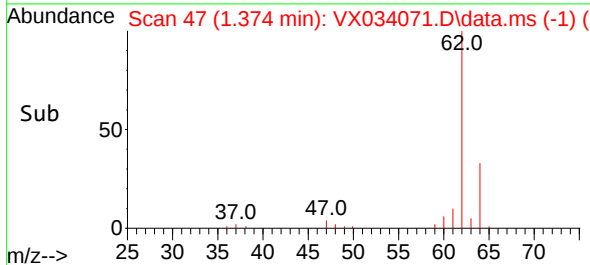
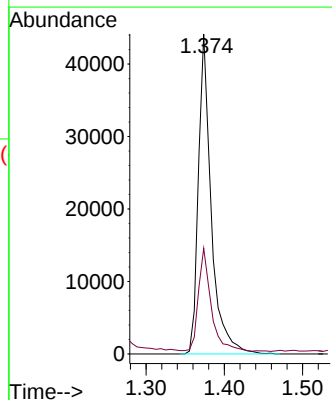
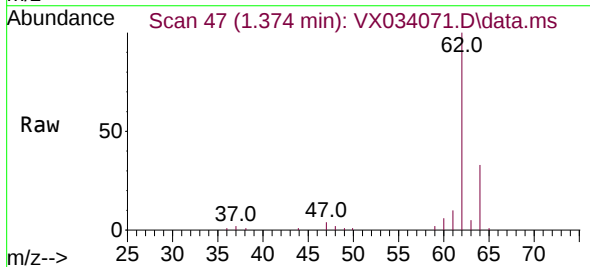
Manual Integrations
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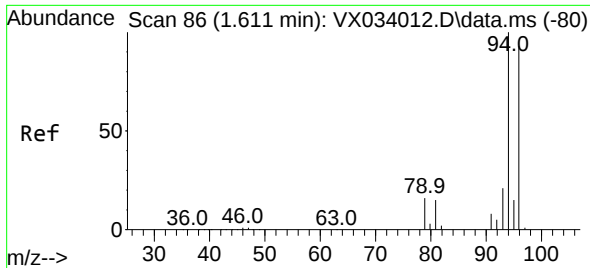
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Vinyl Chloride
Concen: 47.623 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

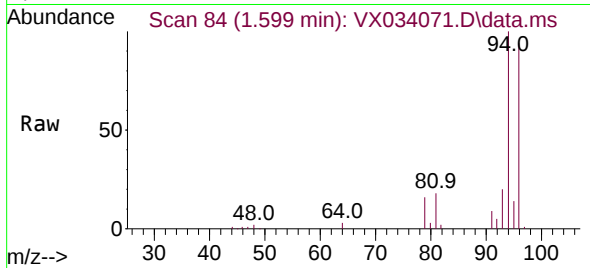
Tgt Ion: 62 Resp: 50460
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5
Bromomethane
Concen: 51.284 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX034071.D
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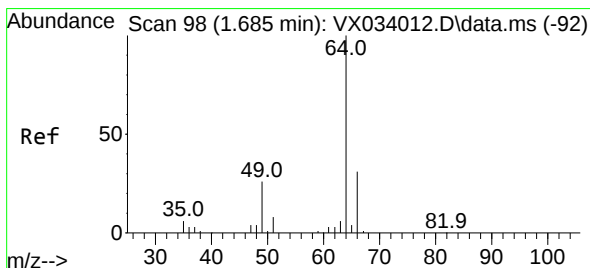
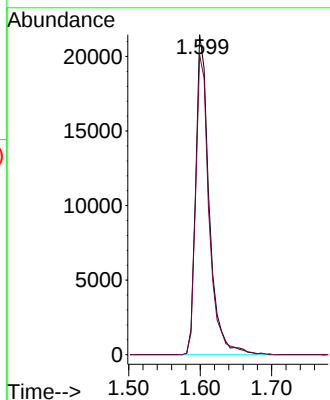
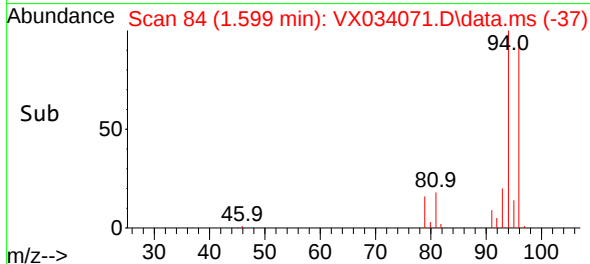
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Tgt Ion: 94 Resp: 2798
Ion Ratio Lower Upper
94 100
96 93.6 74.3 111.5

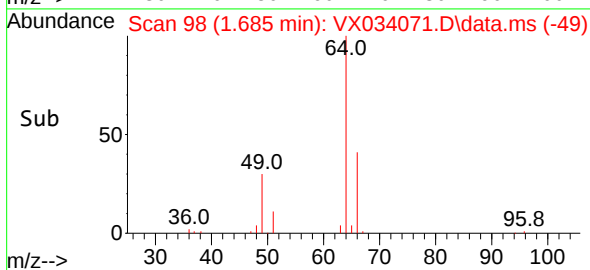
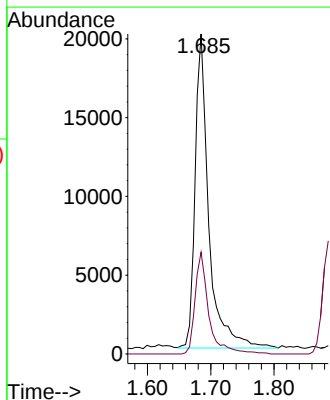
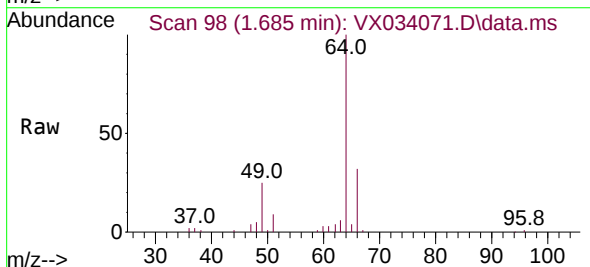
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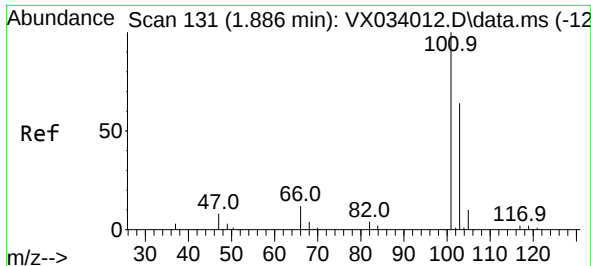
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#6
Chloroethane
Concen: 51.203 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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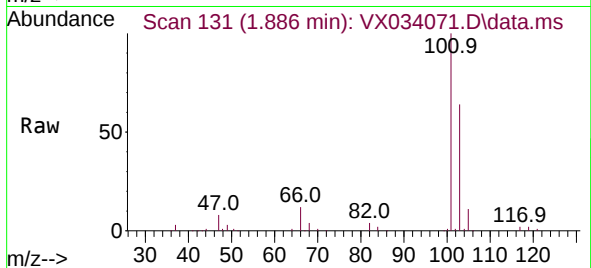
Tgt Ion: 64 Resp: 30001
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.112 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034071.D
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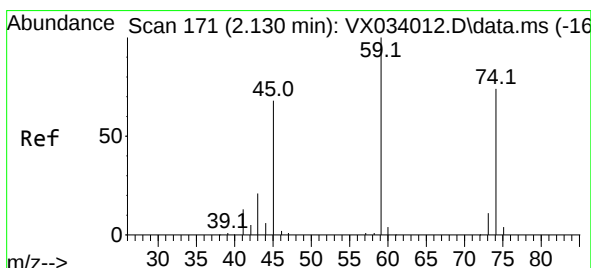
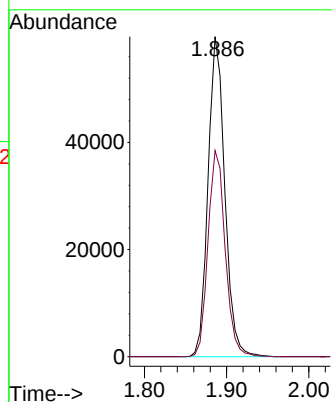
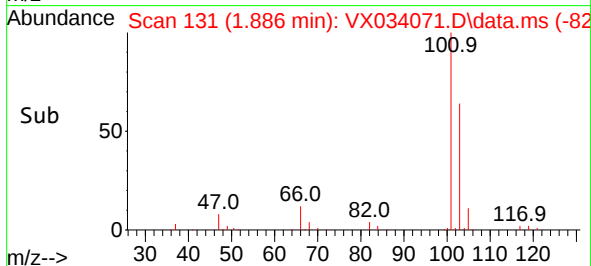
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 8448
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8

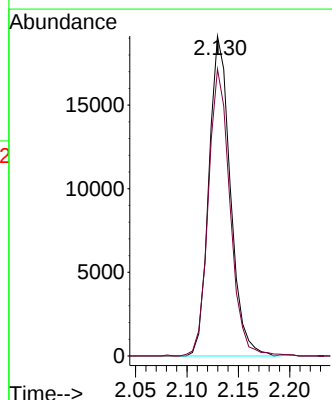
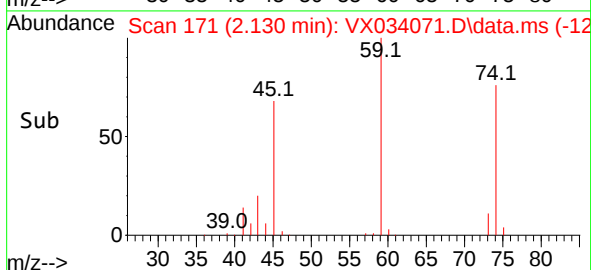
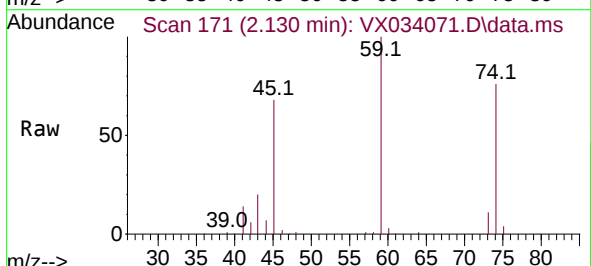
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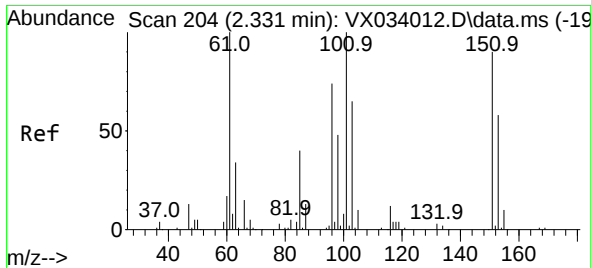
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#8
Diethyl Ether
Concen: 47.946 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 74 Resp: 27802
Ion Ratio Lower Upper
74 100
45 90.4 51.5 154.5





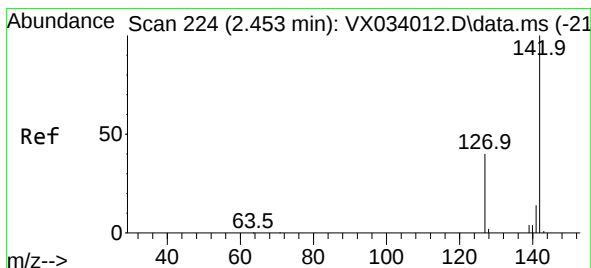
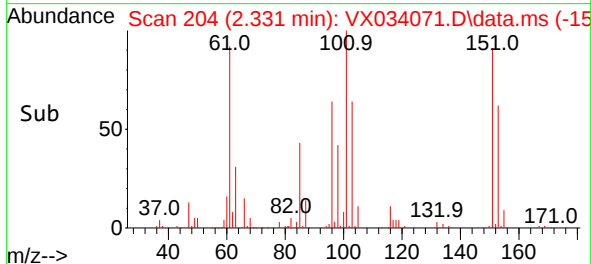
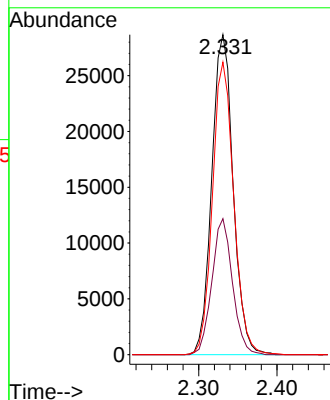
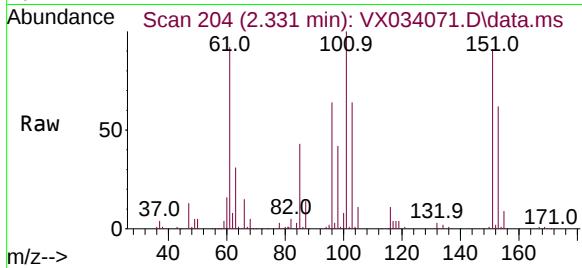
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.349 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 54420
Ion Ratio Lower Upper
101 100
85 41.0 36.7 55.1
151 91.0 66.5 99.7

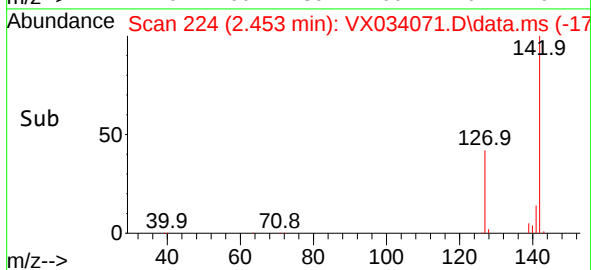
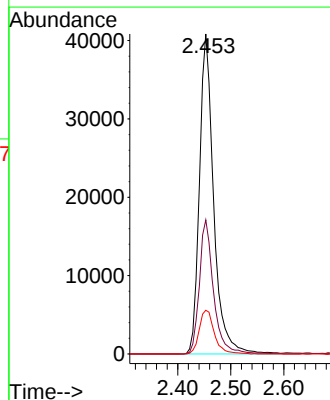
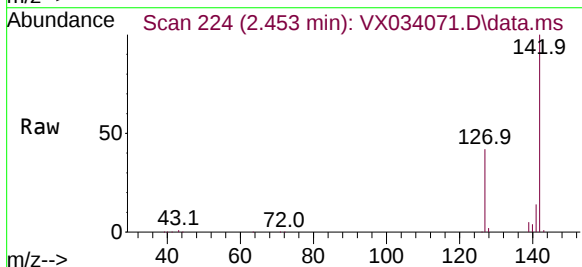
Manual Integrations
APPROVED

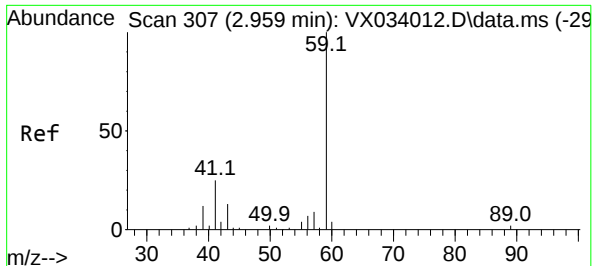
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 47.785 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion:142 Resp: 76198
Ion Ratio Lower Upper
142 100
127 41.8 37.3 55.9
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 266.531 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 47479

Ion Ratio Lower Upper

59 100

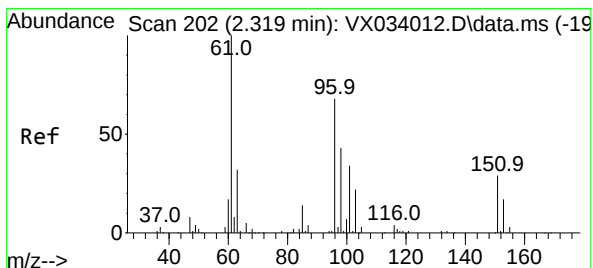
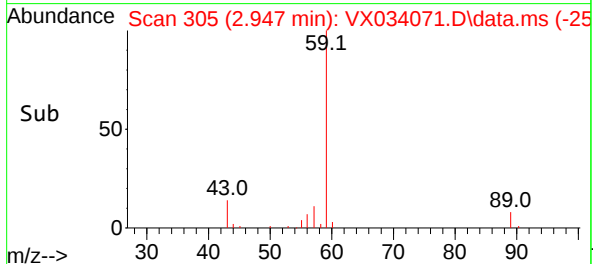
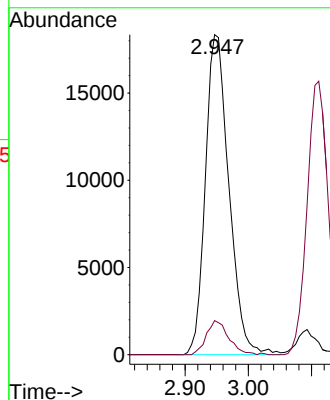
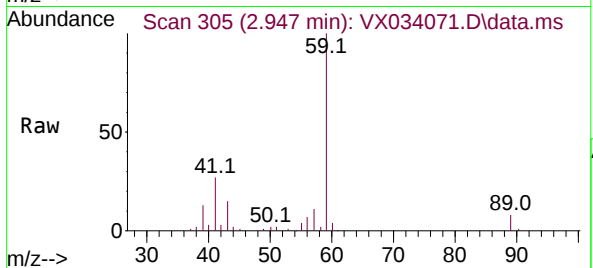
57 10.0 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#12

1,1-Dichloroethene

Concen: 48.183 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

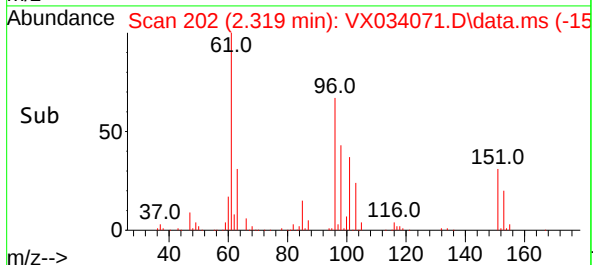
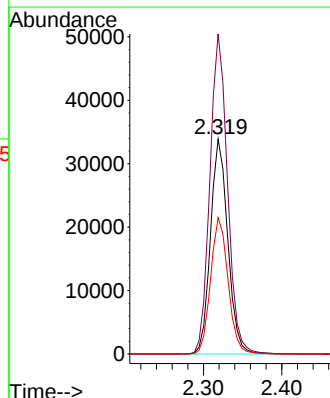
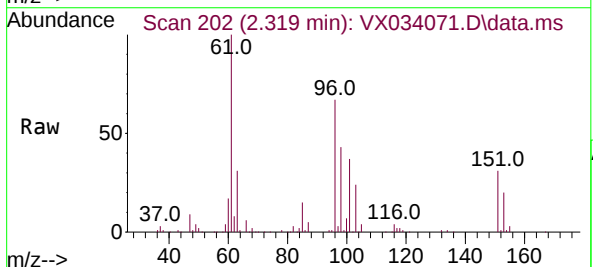
Tgt Ion: 96 Resp: 52032

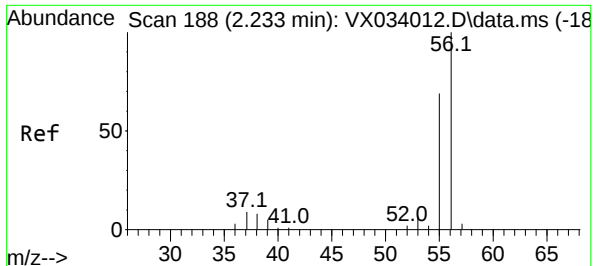
Ion Ratio Lower Upper

96 100

61 148.9 134.2 201.4

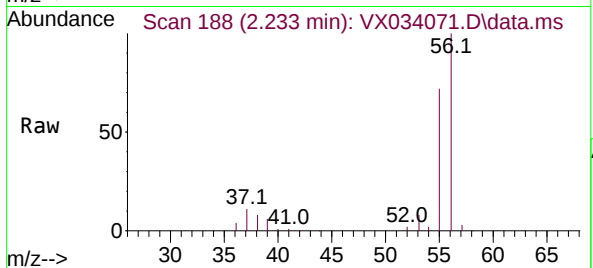
98 63.4 50.2 75.2





#13
Acrolein
Concen: 226.566 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

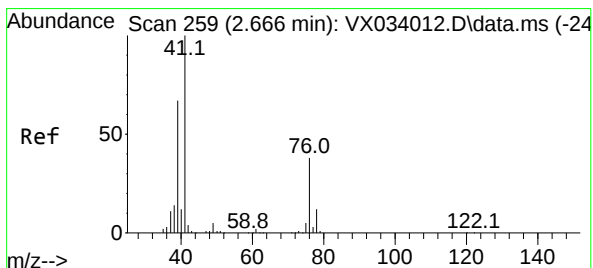
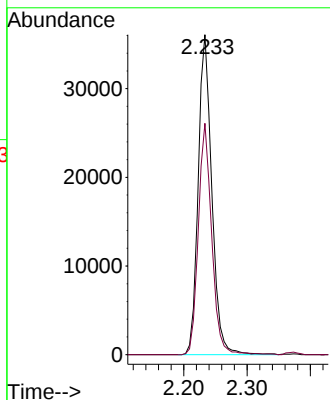
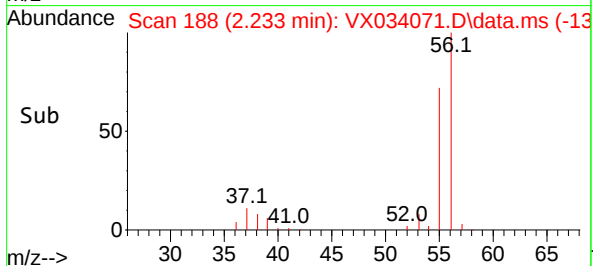
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5413
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

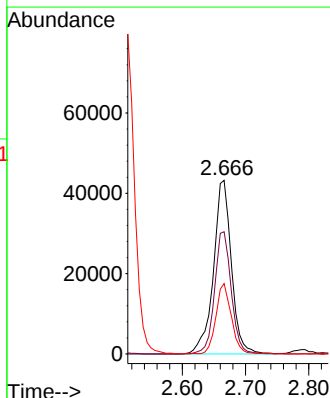
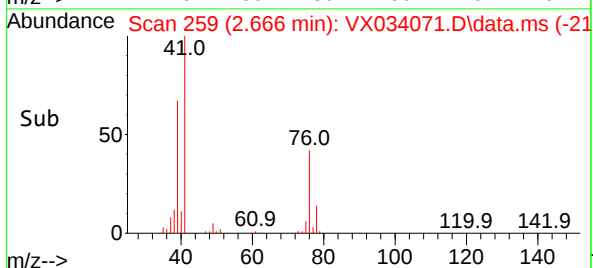
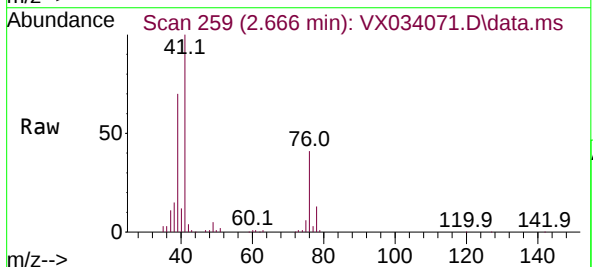
Manual Integrations
APPROVED

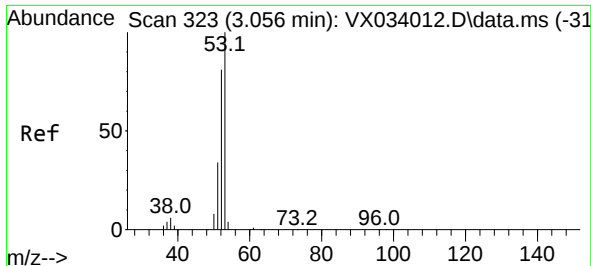
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 48.389 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

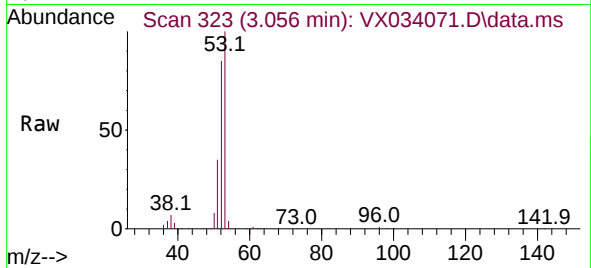
Tgt Ion: 41 Resp: 85198
Ion Ratio Lower Upper
41 100
39 65.2 59.0 88.4
76 34.6 24.6 37.0





#15
Acrylonitrile
Concen: 244.308 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

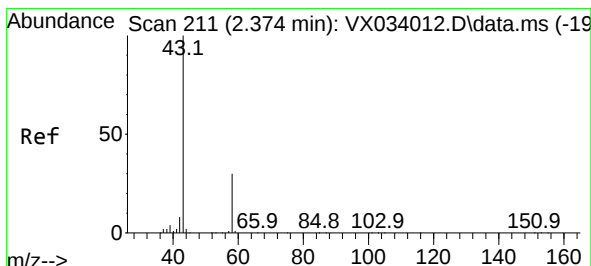
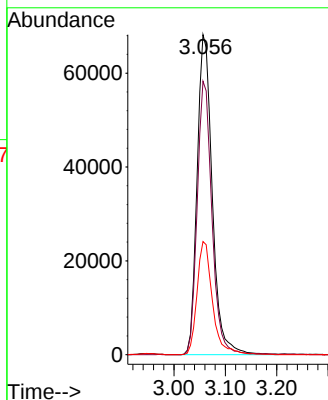
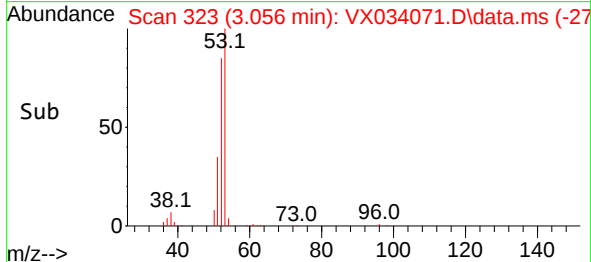
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



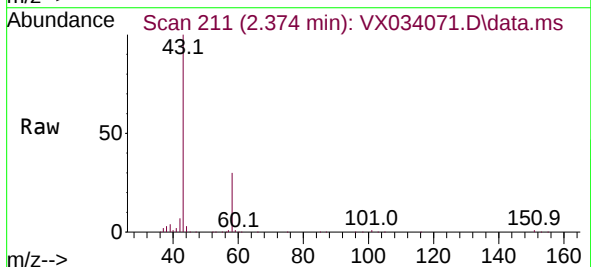
Tgt Ion: 53 Resp: 13960
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.1 29.0 43.4

Manual Integrations
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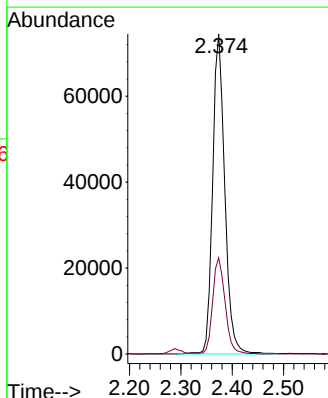
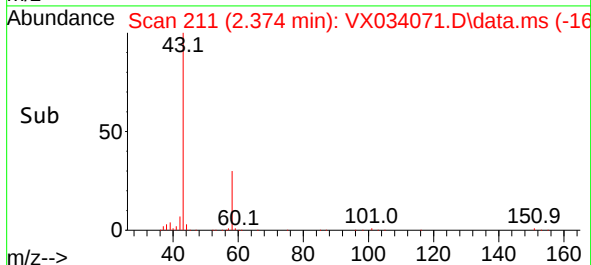
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

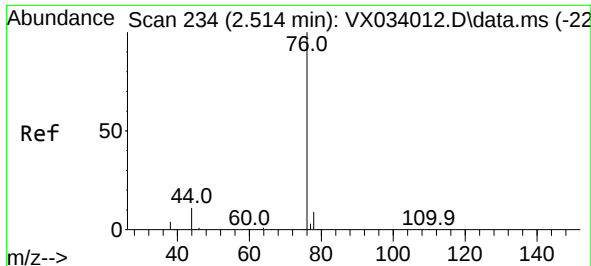


#16
Acetone
Concen: 227.572 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



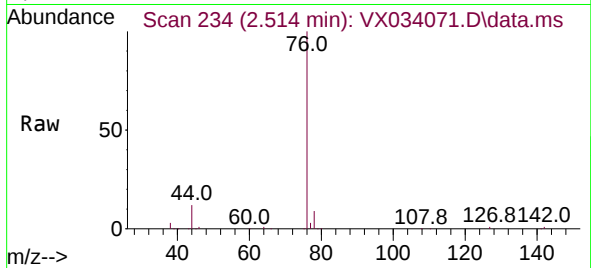
Tgt Ion: 43 Resp: 122211
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8





#17
Carbon Disulfide
Concen: 46.967 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

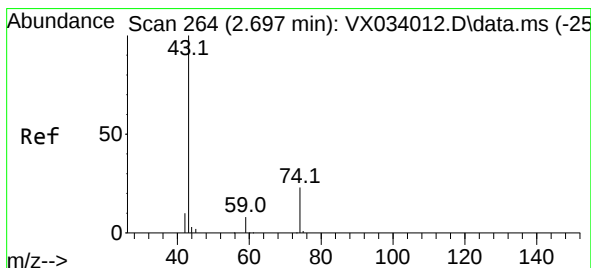
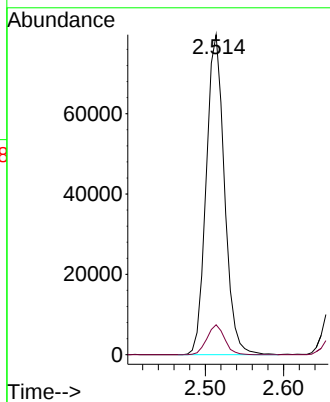
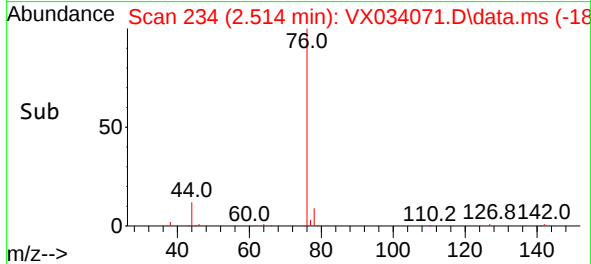
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 128680
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

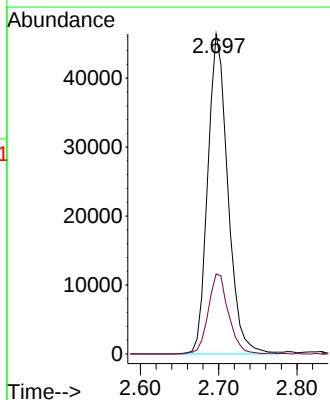
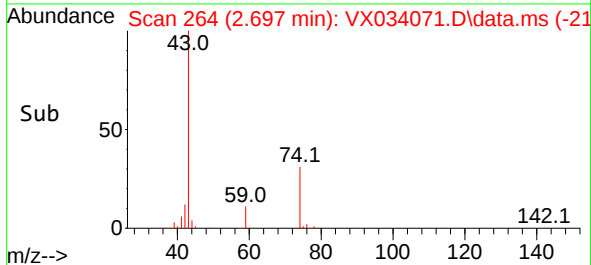
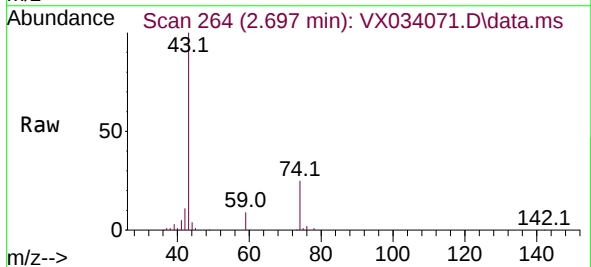
Manual Integrations
APPROVED

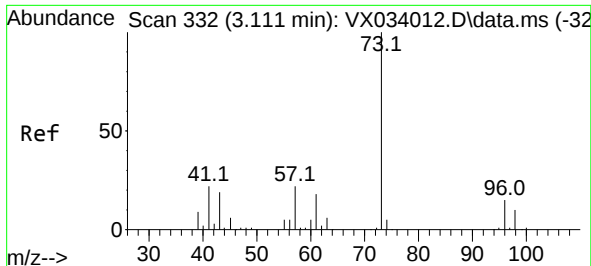
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 49.457 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

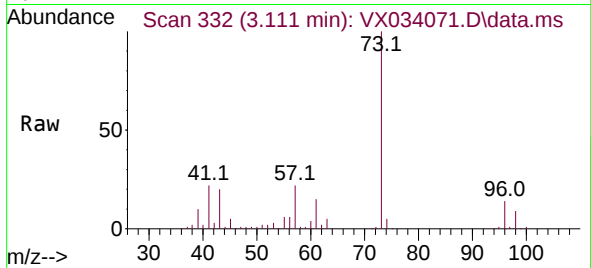
Tgt Ion: 43 Resp: 82618
Ion Ratio Lower Upper
43 100
74 25.3 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 50.663 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

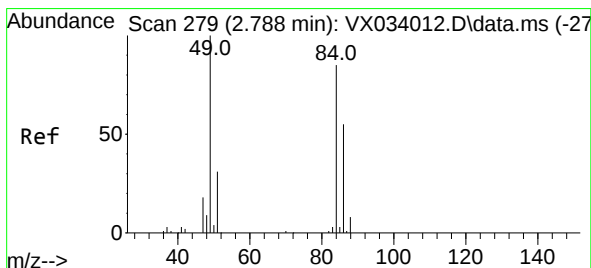
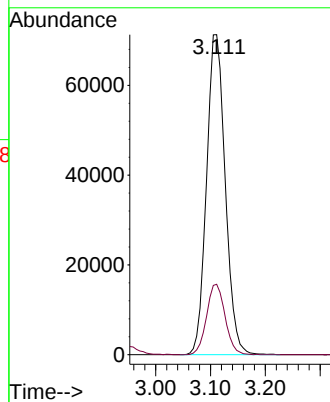
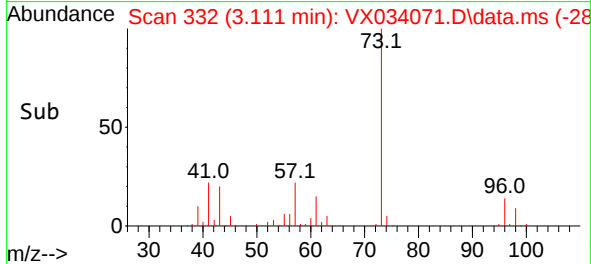
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 168708
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

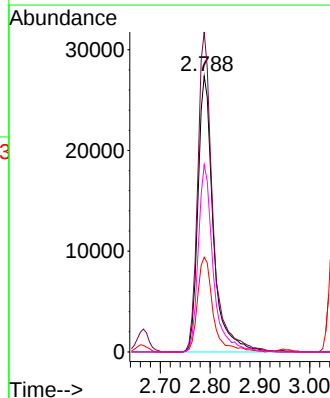
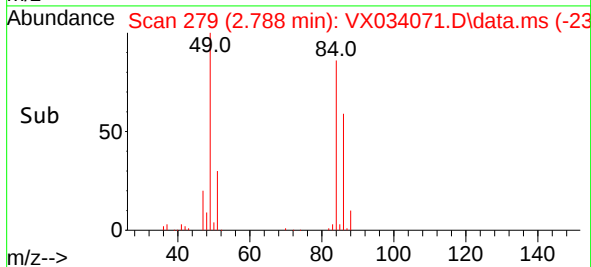
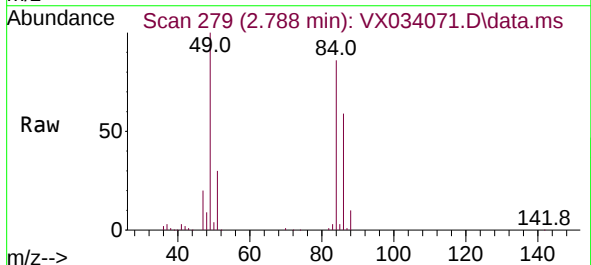
Manual Integrations
APPROVED

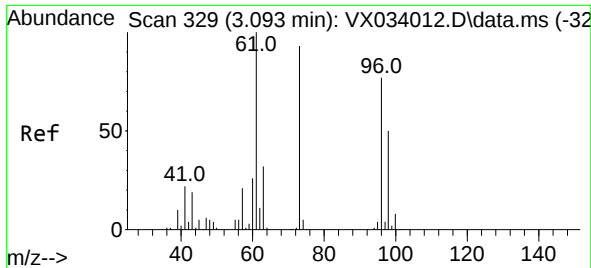
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 47.573 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

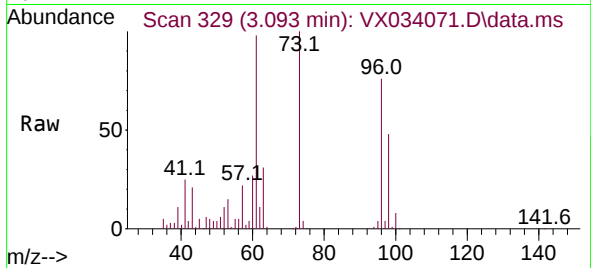
Tgt Ion: 84 Resp: 58448
Ion Ratio Lower Upper
84 100
49 116.0 101.1 151.7
51 34.4 31.0 46.6
86 67.9 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 48.768 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

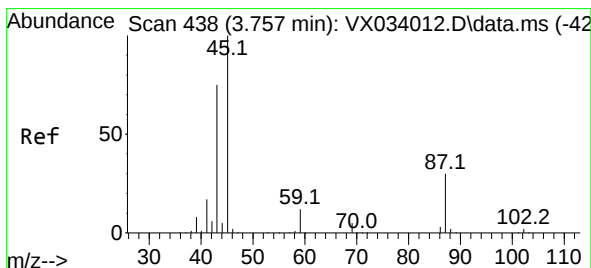
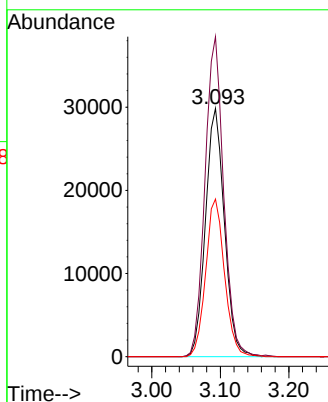
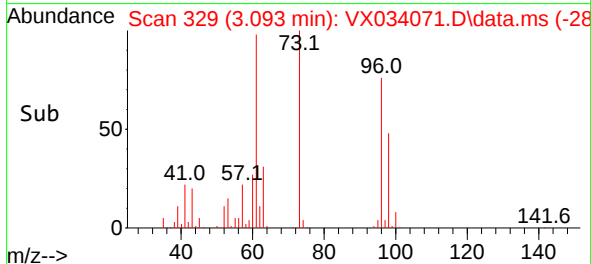
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 57359
Ion Ratio Lower Upper
96 100
61 128.9 106.7 160.1
98 63.5 50.0 75.0

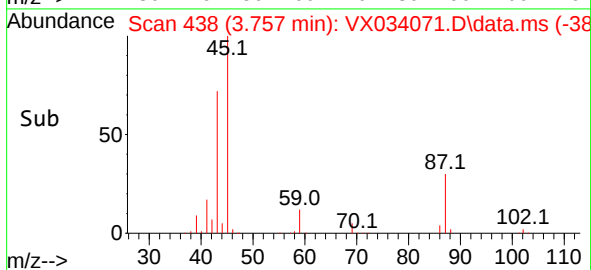
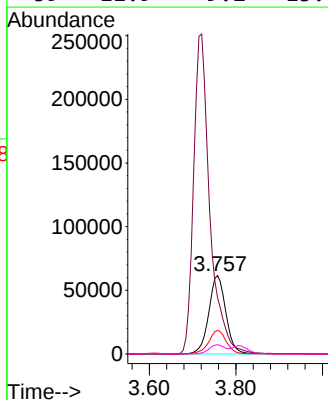
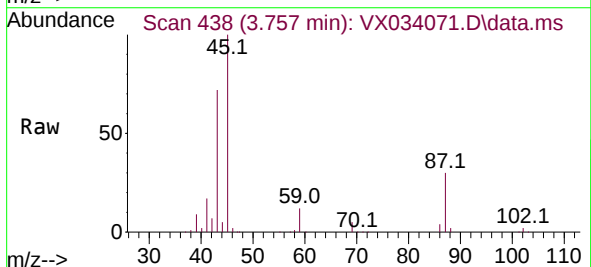
Manual Integrations
APPROVED

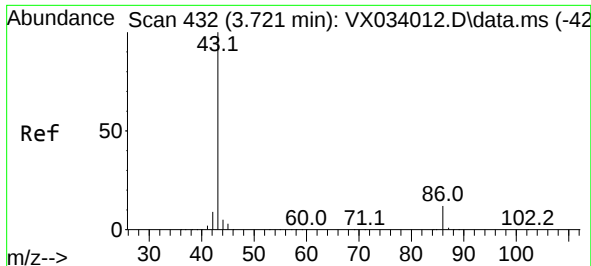
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#22
Diisopropyl ether
Concen: 48.600 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

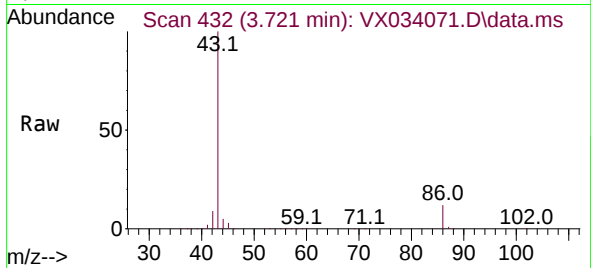
Tgt Ion: 45 Resp: 168862
Ion Ratio Lower Upper
45 100
43 71.6 64.6 97.0
87 30.0 21.9 32.9
59 11.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 248.095 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX034071.D
 Acq: 07 Feb 2023 19:11

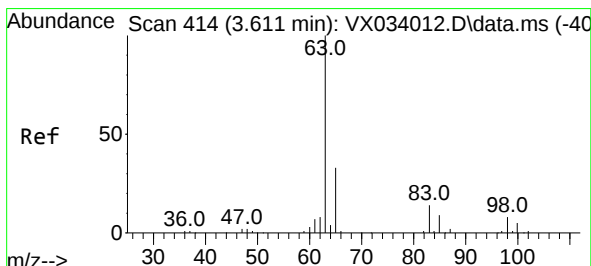
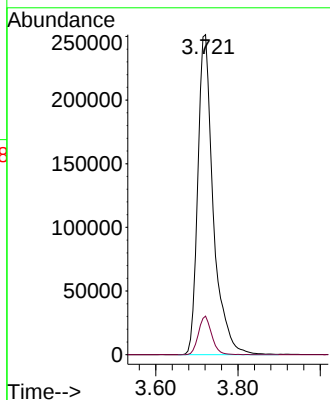
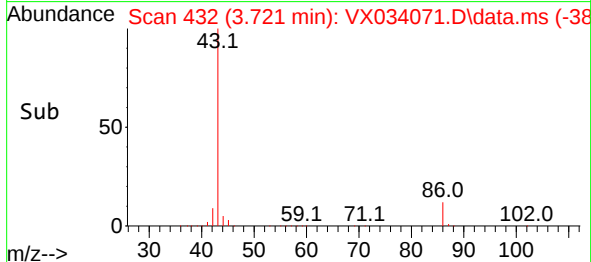
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



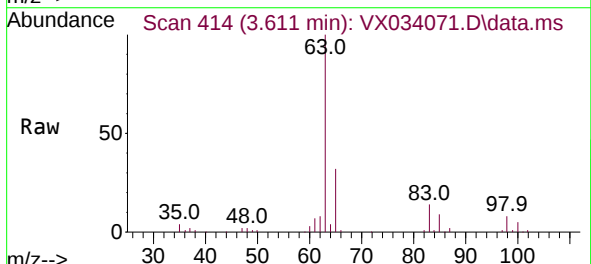
Tgt Ion: 43 Resp: 656419
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.4 12.6

Manual Integrations
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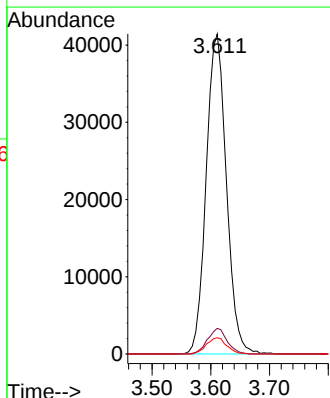
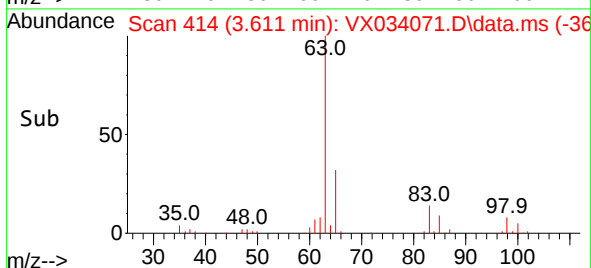
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

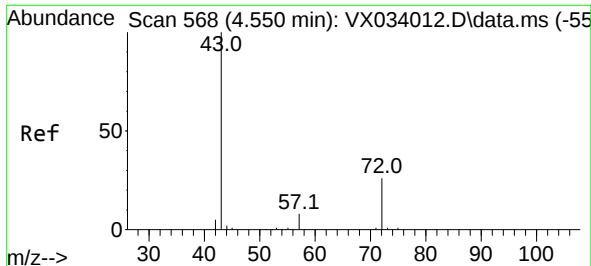


#24
 1,1-Dichloroethane
 Concen: 49.418 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX034071.D
 Acq: 07 Feb 2023 19:11



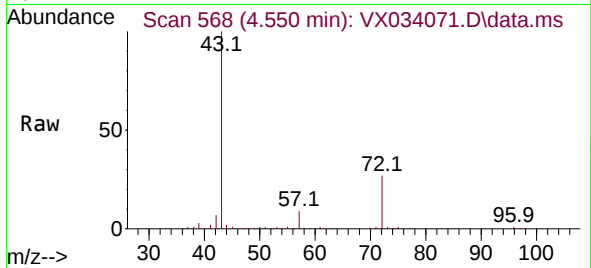
Tgt Ion: 63 Resp: 98972
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 236.442 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

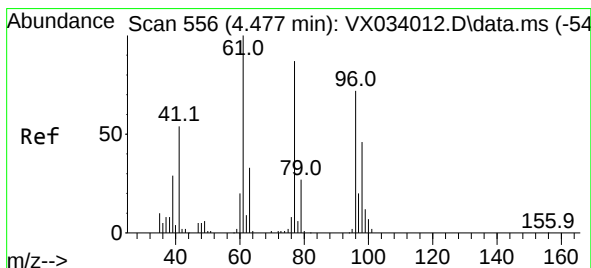
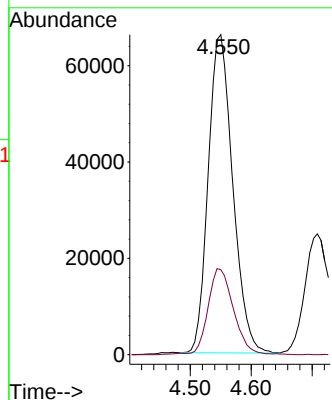
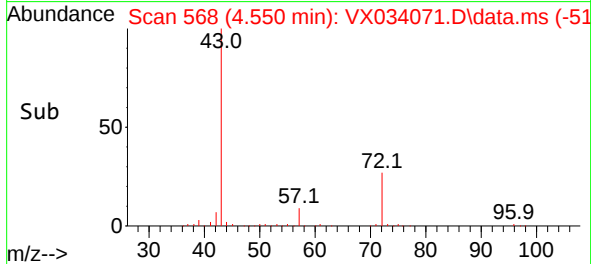
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 184890
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

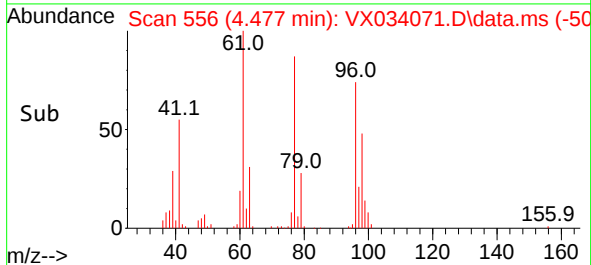
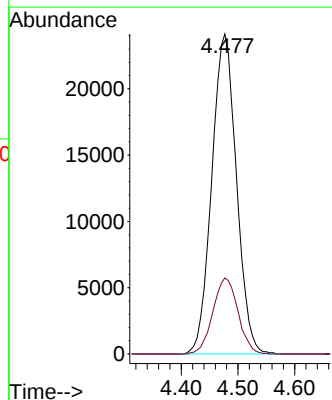
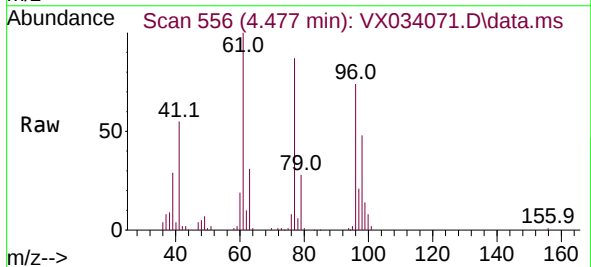
Manual Integrations
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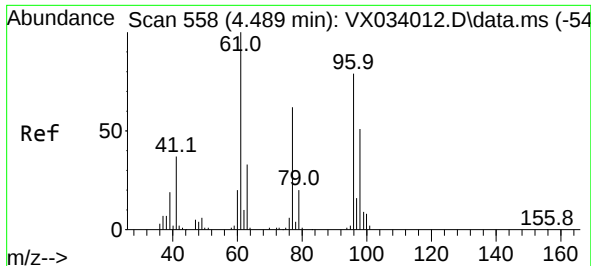
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#26
2,2-Dichloropropane
Concen: 49.929 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 77 Resp: 72942
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.418 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6685

Ion Ratio Lower Upper

96 100

61 132.1 0.0 277.6

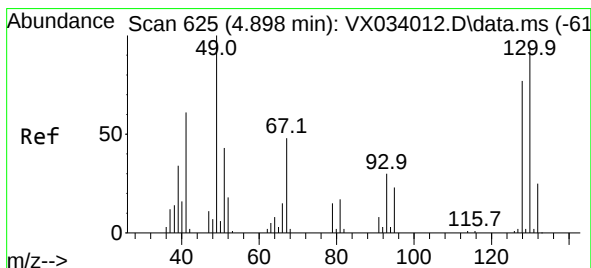
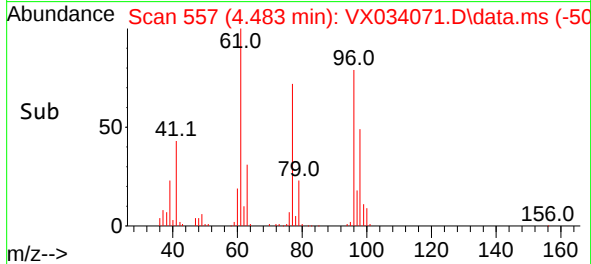
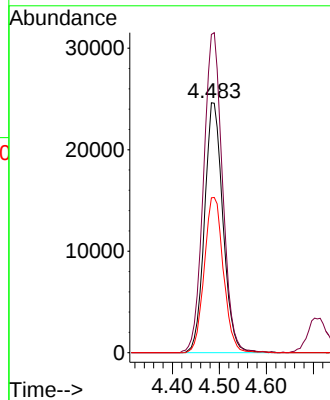
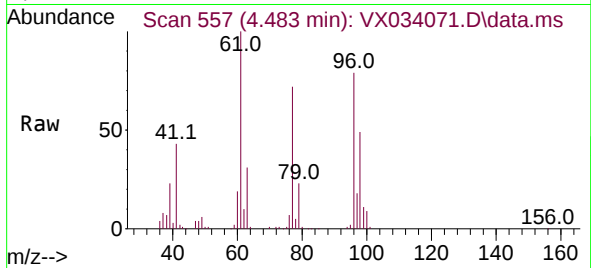
98 64.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#28

Bromochloromethane

Concen: 48.225 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

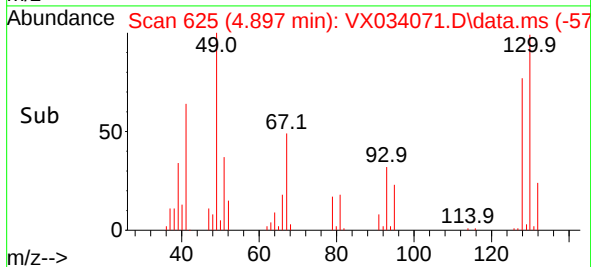
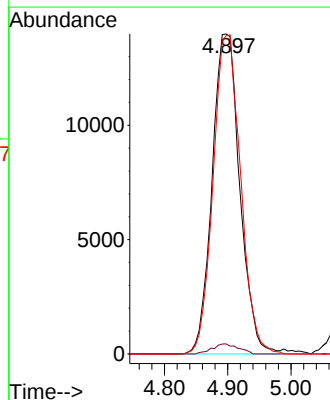
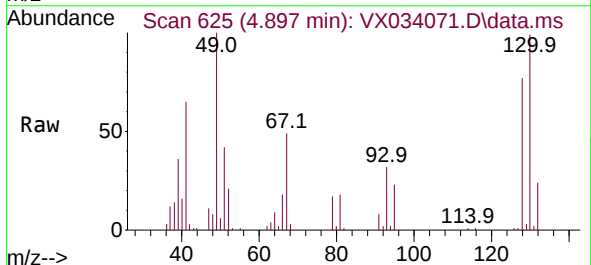
Tgt Ion: 49 Resp: 42463

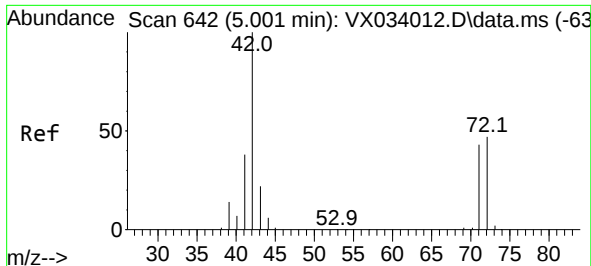
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 99.0 68.5 102.7





#29

Tetrahydrofuran

Concen: 240.033 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 119378

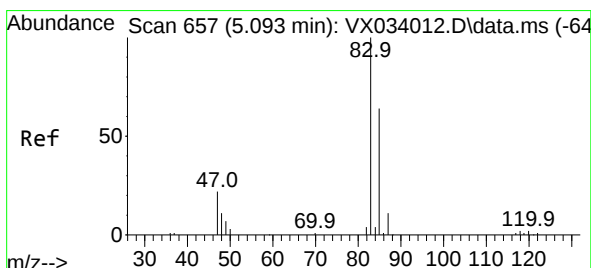
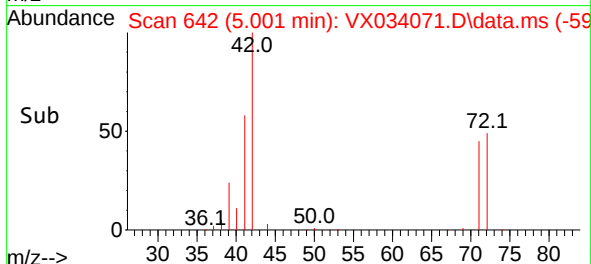
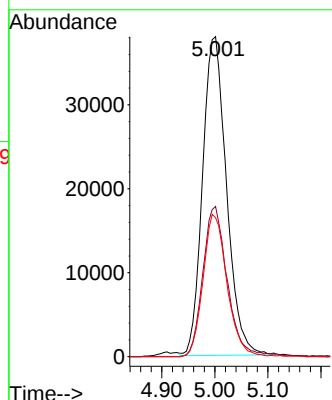
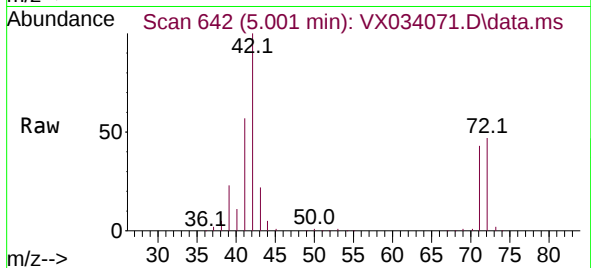
Ion	Ratio	Lower	Upper
42	100		
72	48.1	34.8	52.2
71	44.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 50.500 ug/l

RT: 5.093 min Scan# 657

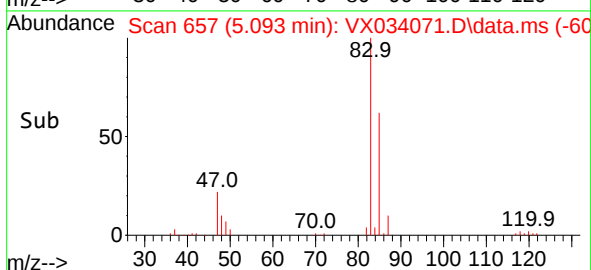
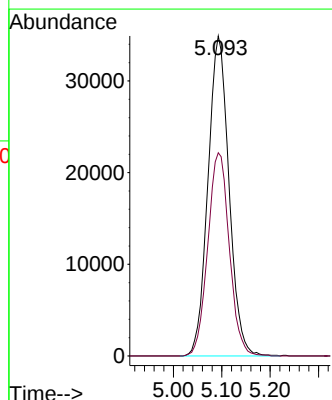
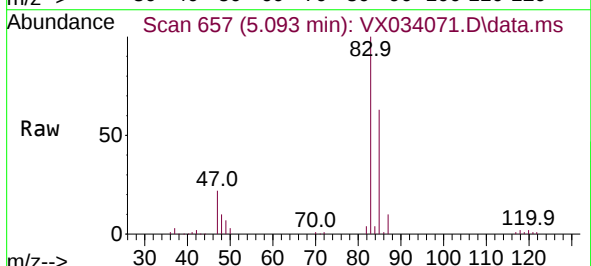
Delta R.T. -0.000 min

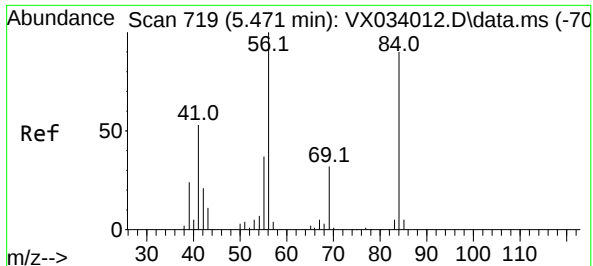
Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion: 83 Resp: 105406

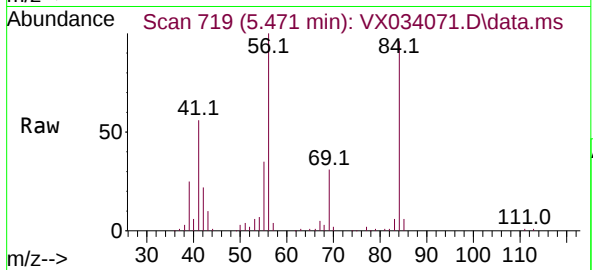
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.1	78.1





#31
Cyclohexane
Concen: 47.457 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

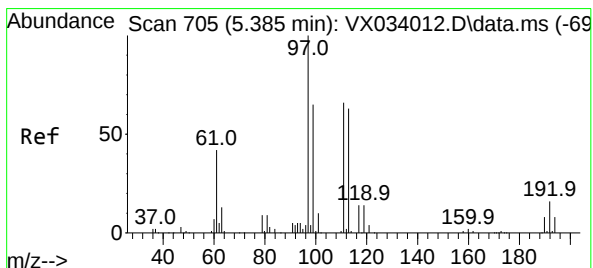
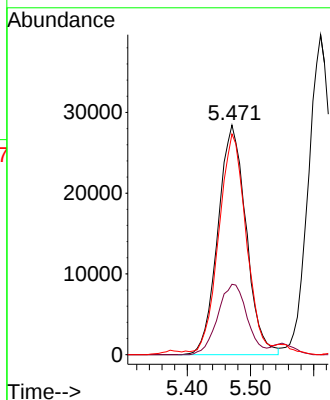
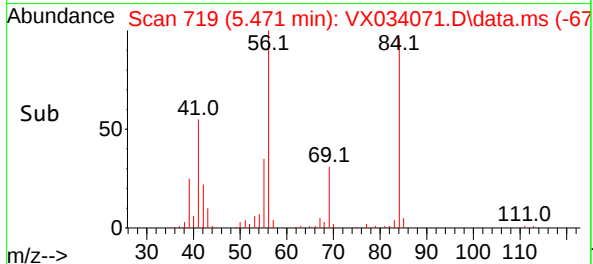
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



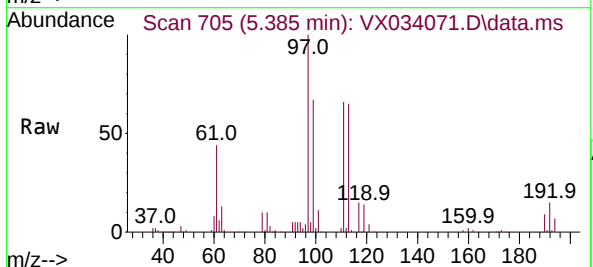
Tgt Ion: 56 Resp: 8787
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 94.6 71.0 106.6

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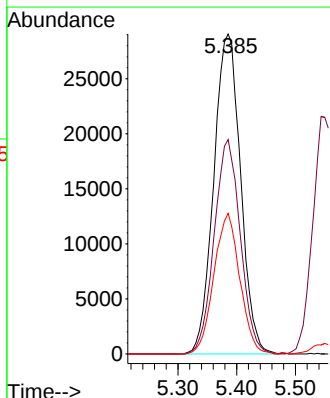
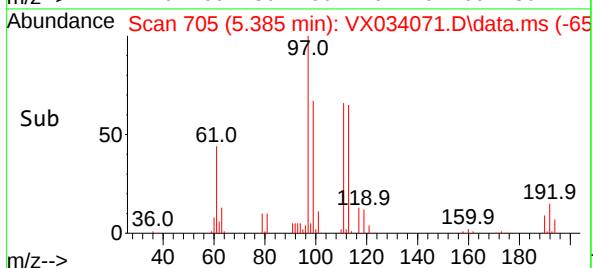
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

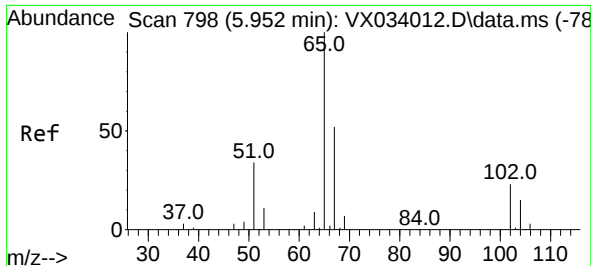


#32
1,1,1-Trichloroethane
Concen: 51.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



Tgt Ion: 97 Resp: 92166
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 42.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.349 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61479

Ion Ratio Lower Upper

65 100

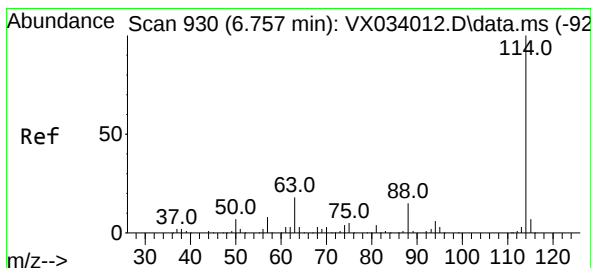
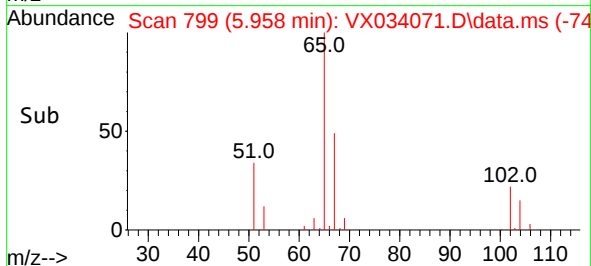
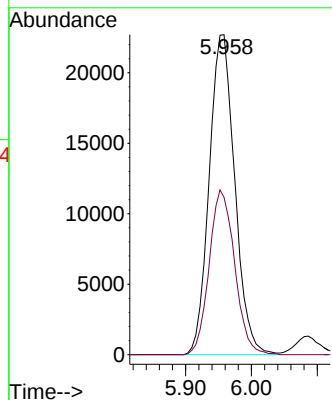
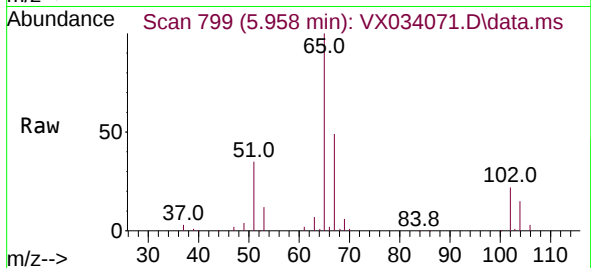
67 51.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

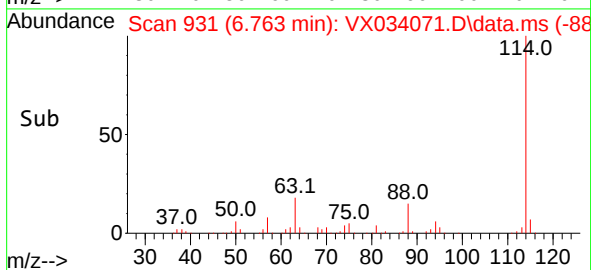
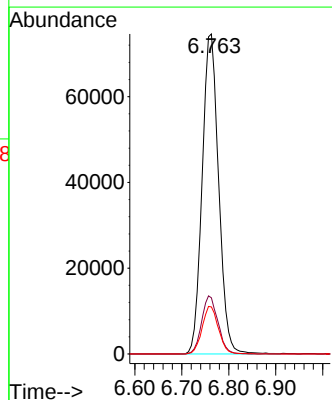
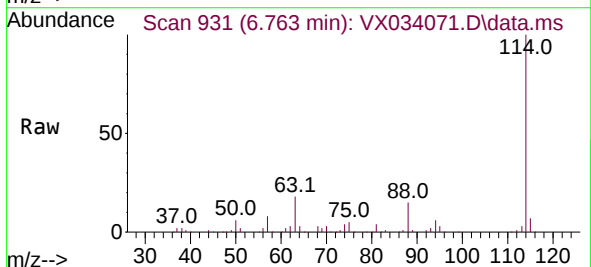
Tgt Ion:114 Resp: 182047

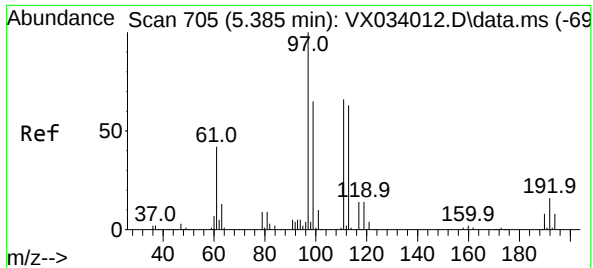
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.650 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 55208

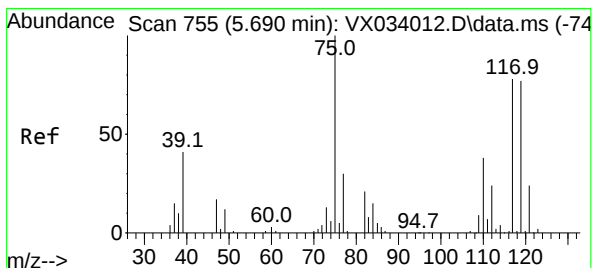
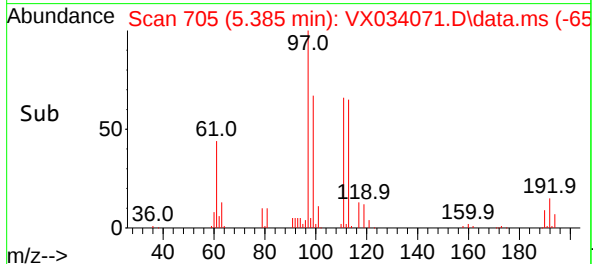
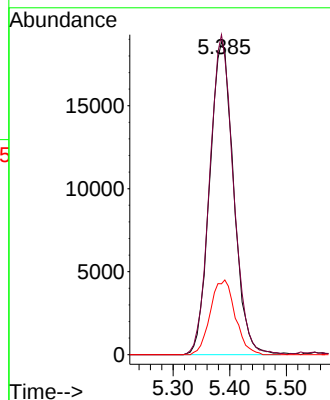
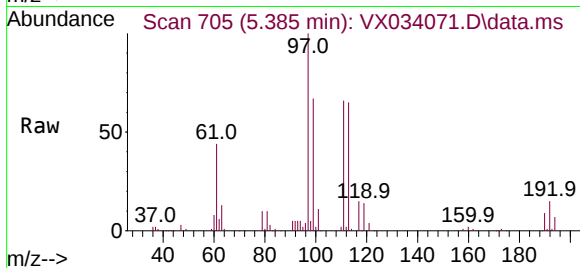
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	24.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 49.158 ug/l

RT: 5.690 min Scan# 755

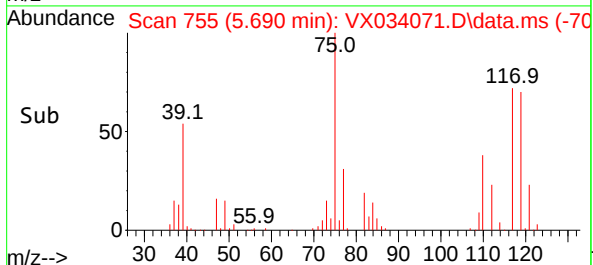
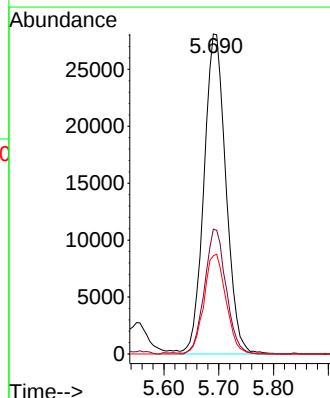
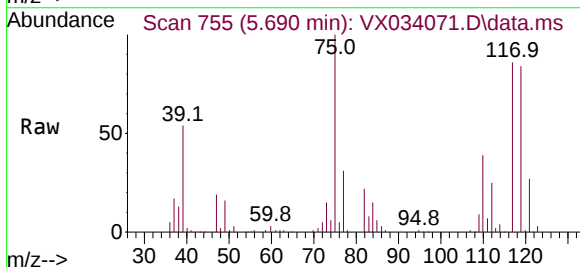
Delta R.T. -0.000 min

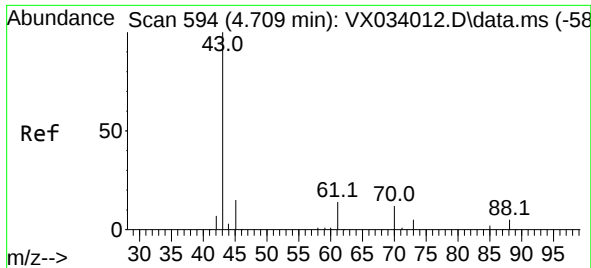
Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion: 75 Resp: 78088

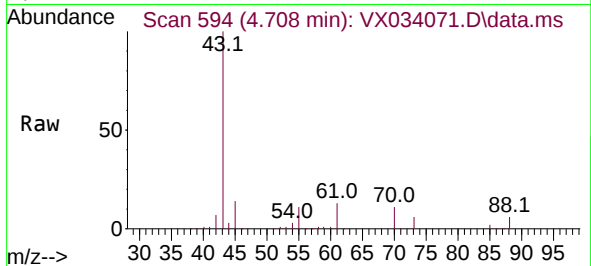
Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.8	56.4
77	31.2	25.1	37.7





#37
Ethyl Acetate
Concen: 49.713 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

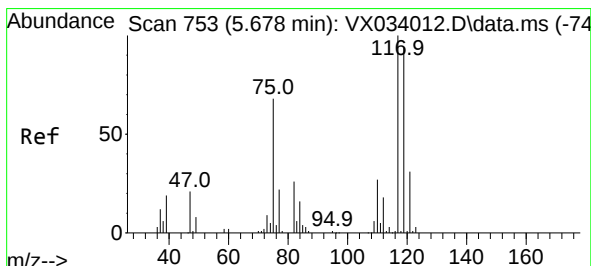
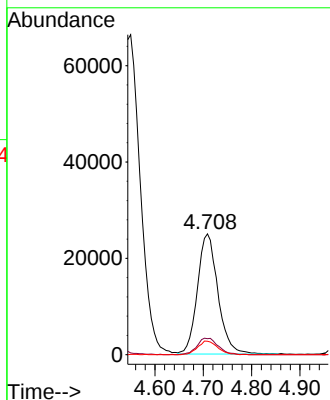
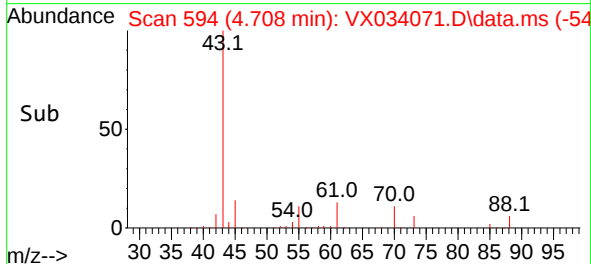
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7356
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 11.0 8.5 12.7

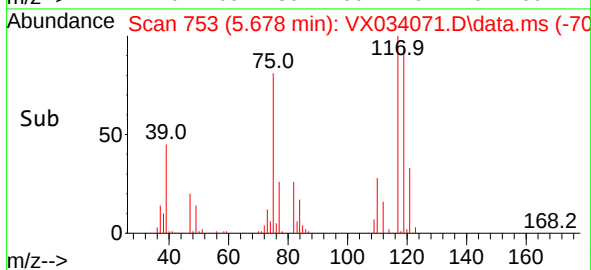
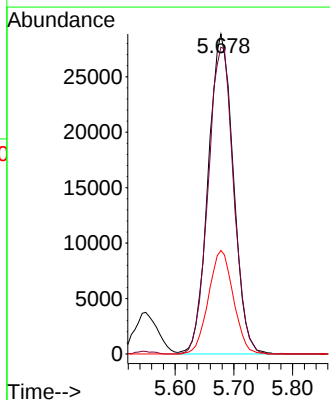
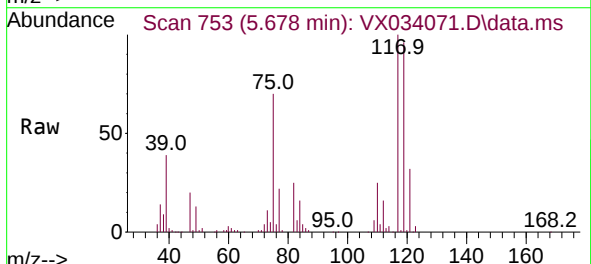
Manual Integrations
APPROVED

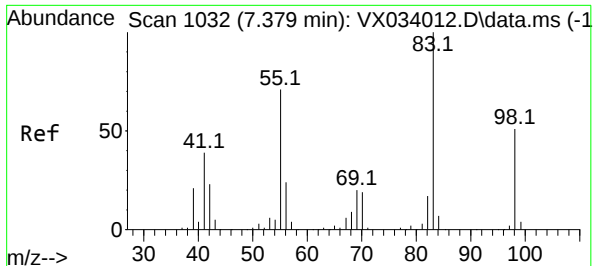
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 50.672 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion:117 Resp: 85850
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
121 32.4 24.4 36.6





#39

Methylcyclohexane

Concen: 47.575 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 95130

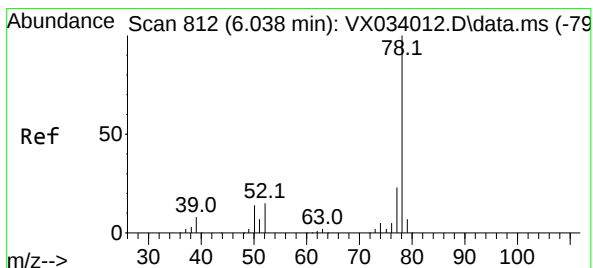
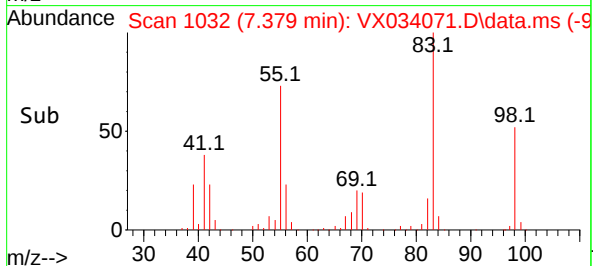
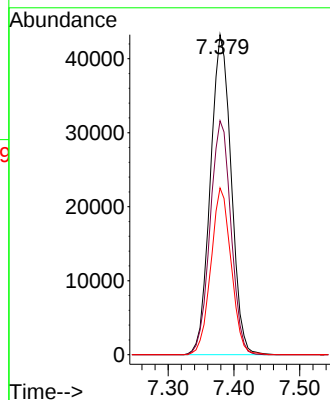
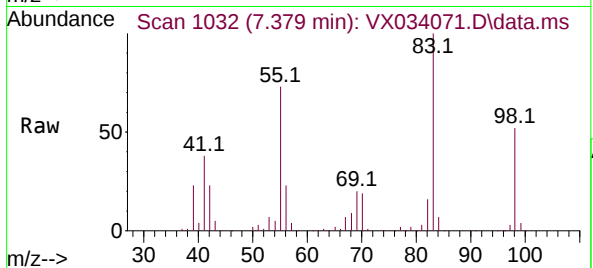
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.8	92.6
98	52.1	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 49.155 ug/l

RT: 6.038 min Scan# 812

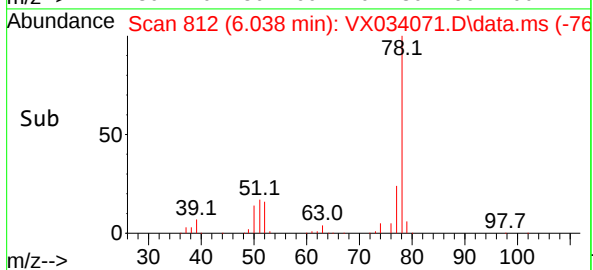
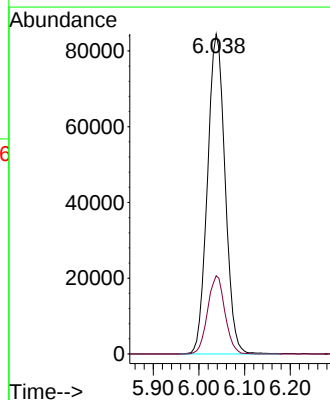
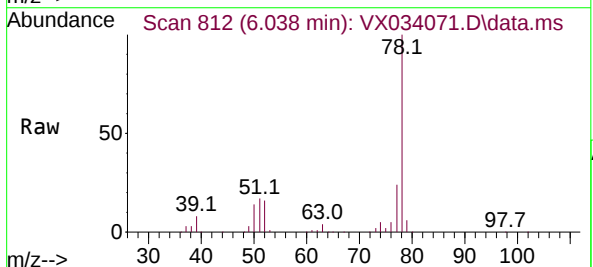
Delta R.T. -0.000 min

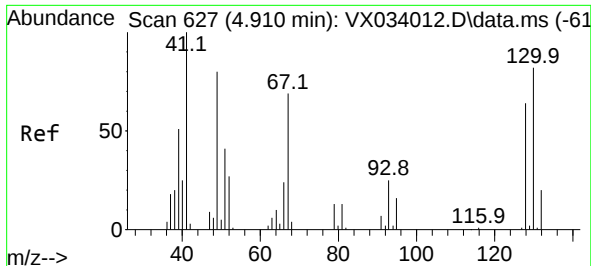
Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion: 78 Resp: 225928

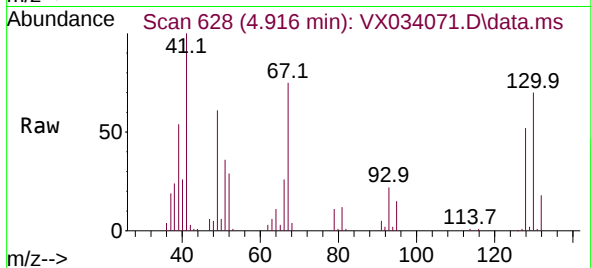
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





#41
Methacrylonitrile
Concen: 51.472 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

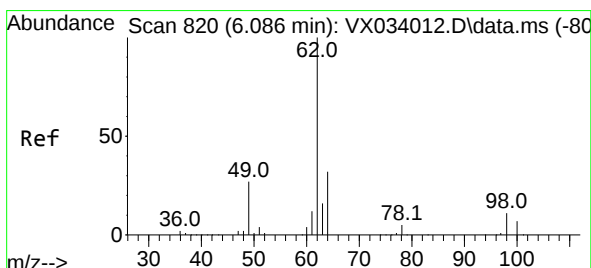
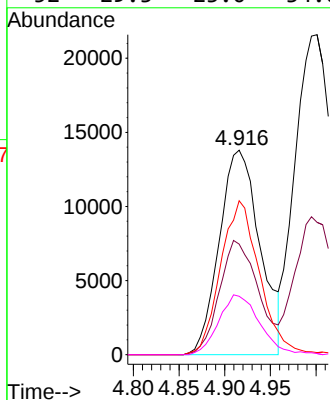
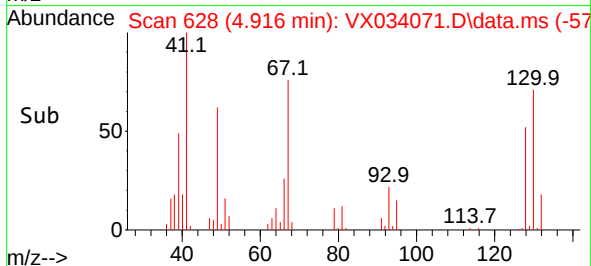
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4286
Ion Ratio Lower Upper
41 100
39 53.7 43.8 65.6
67 72.2 54.8 82.2
52 29.3 23.0 34.6

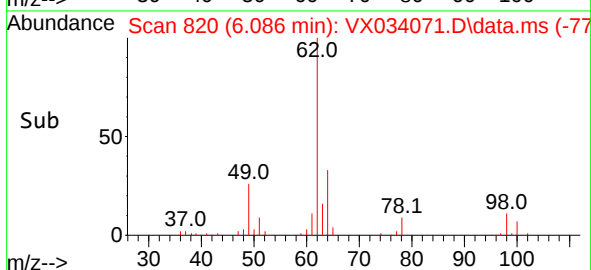
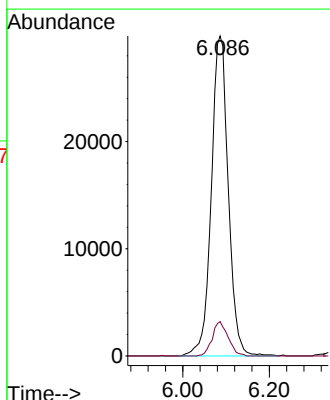
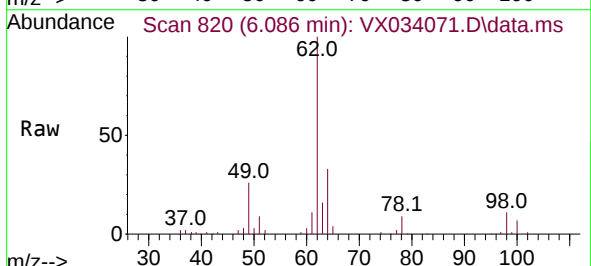
Manual Integrations
APPROVED

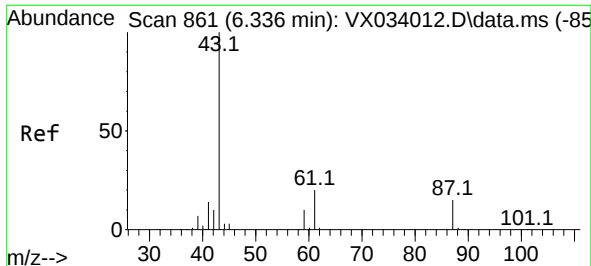
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#42
1,2-Dichloroethane
Concen: 52.021 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

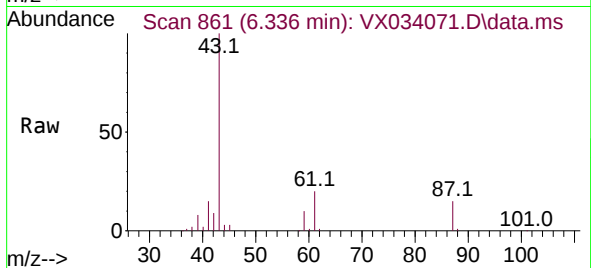
Tgt Ion: 62 Resp: 81247
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 50.228 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

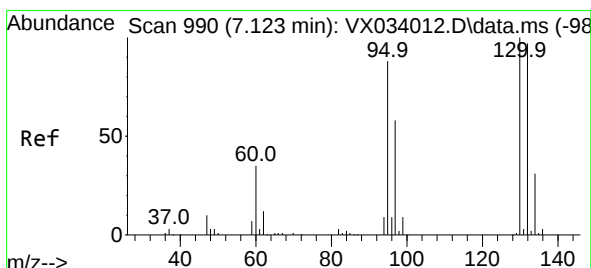
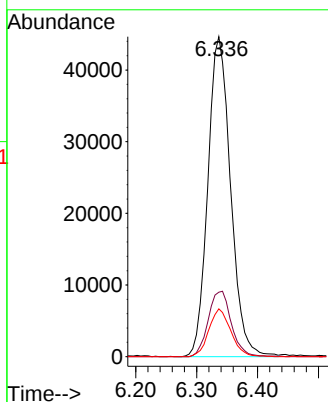
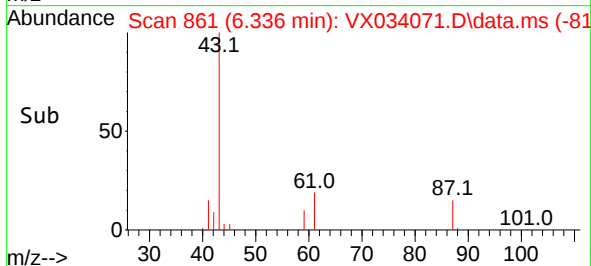
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 115910
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 14.4 10.6 15.8

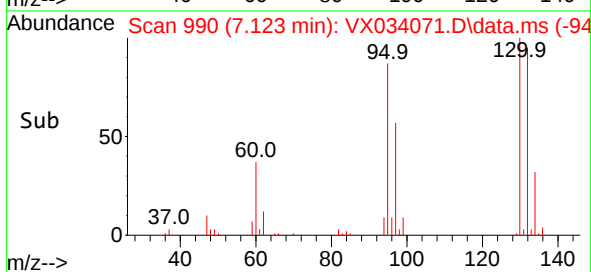
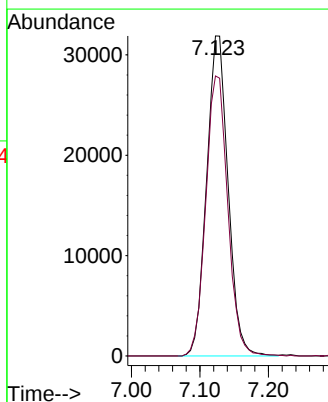
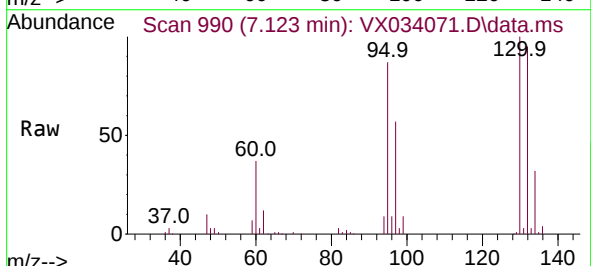
Manual Integrations
APPROVED

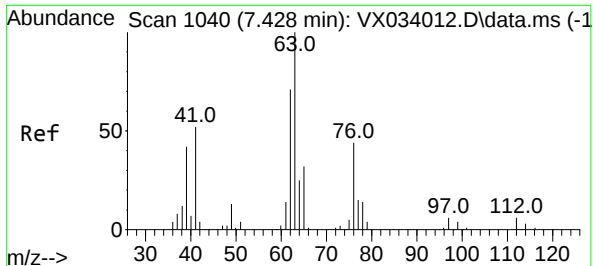
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
Trichloroethene
Concen: 49.173 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion:130 Resp: 69462
Ion Ratio Lower Upper
130 100
95 87.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.703 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5640

Ion Ratio Lower Upper

63 100

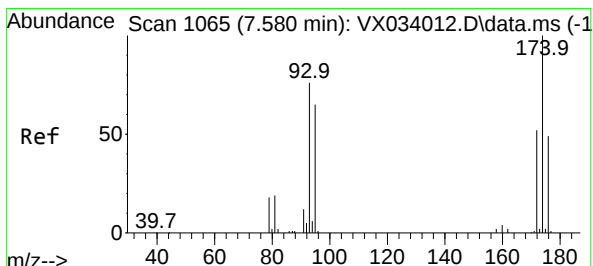
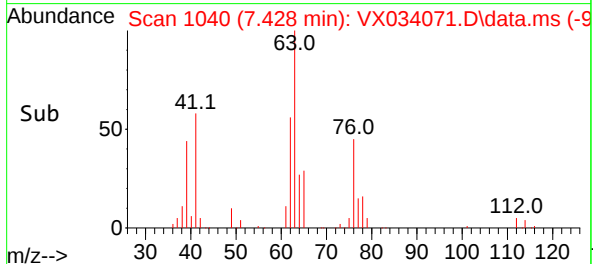
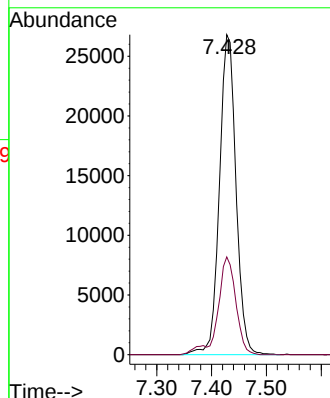
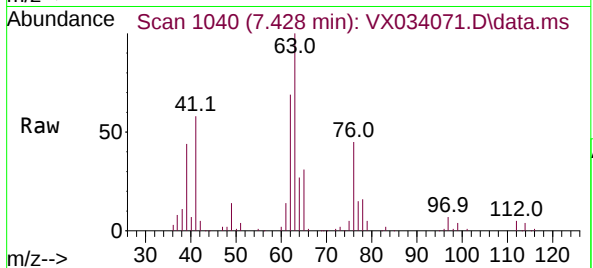
65 30.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 51.916 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

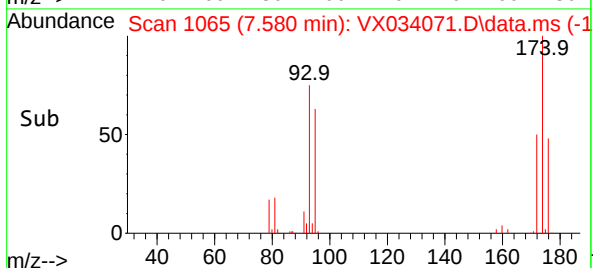
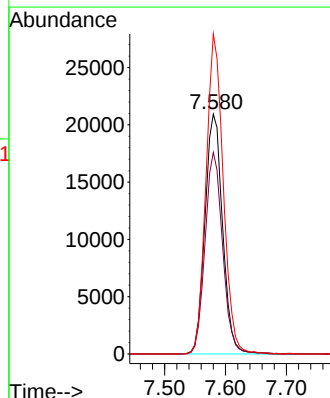
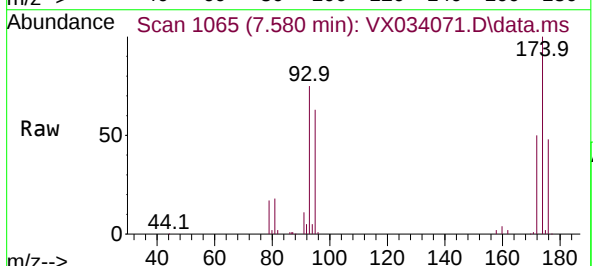
Tgt Ion: 93 Resp: 42208

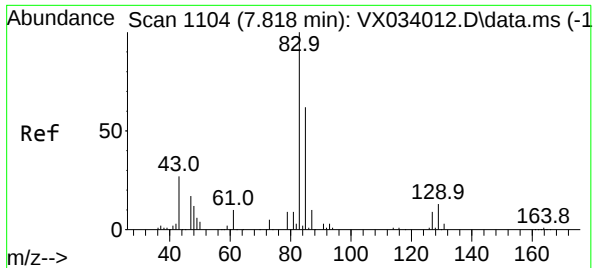
Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 130.1 97.4 146.0





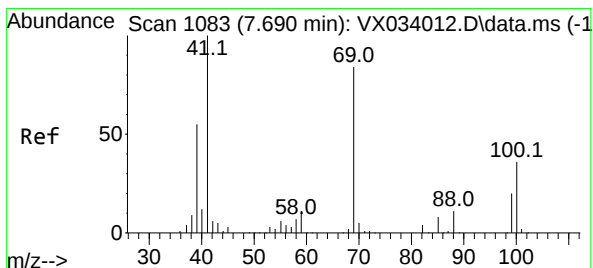
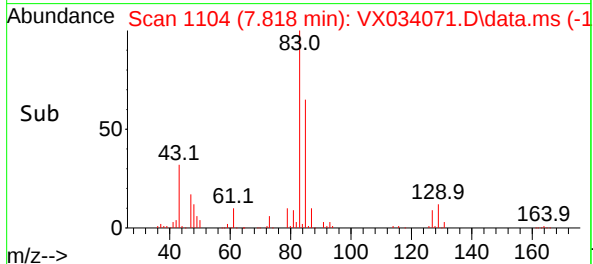
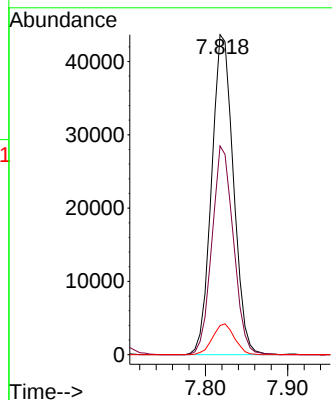
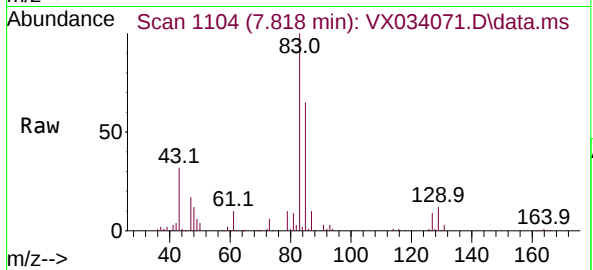
#47
Bromodichloromethane
Concen: 52.285 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80548
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 9.1 7.0 10.4

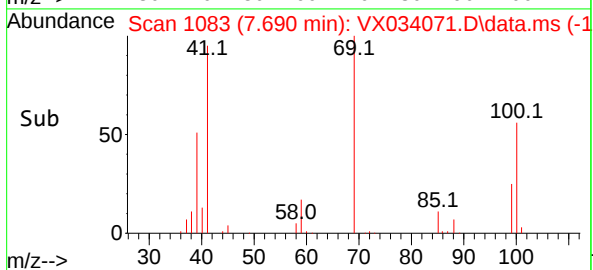
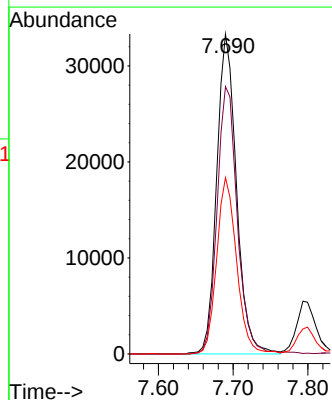
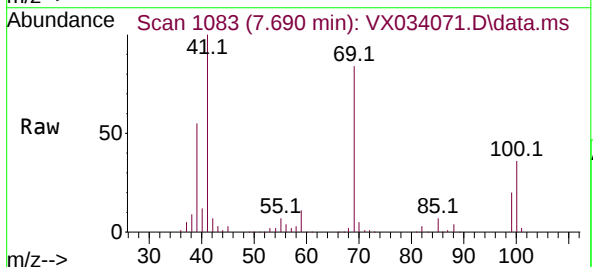
Manual Integrations
APPROVED

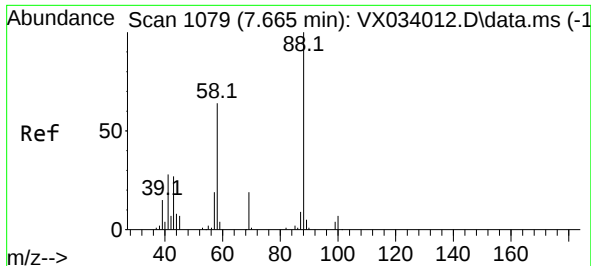
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 51.554 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 41 Resp: 61429
Ion Ratio Lower Upper
41 100
69 85.2 63.1 94.7
39 55.6 43.2 64.8





#49

1,4-Dioxane

Concen: 1091.003 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2502

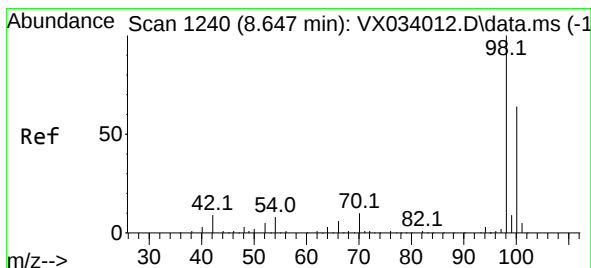
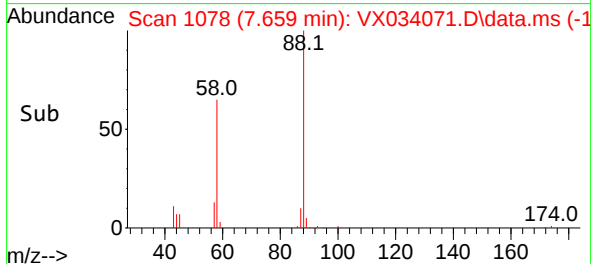
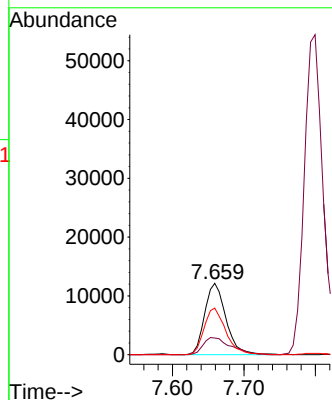
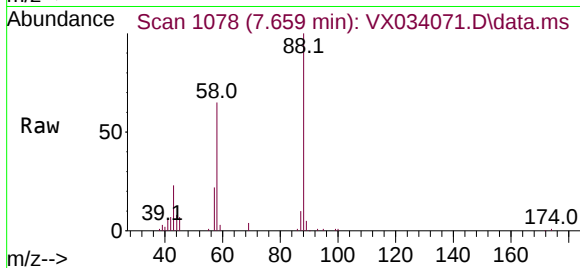
Ion	Ratio	Lower	Upper
88	100		
43	30.9	0.0	0.0
58	66.5	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 46.947 ug/l

RT: 8.647 min Scan# 1240

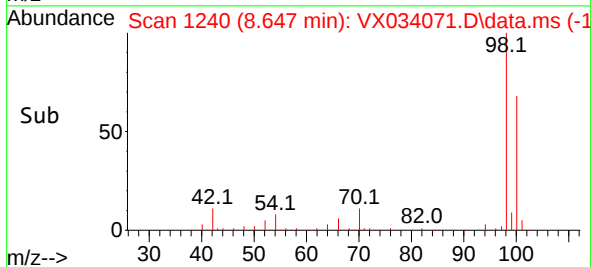
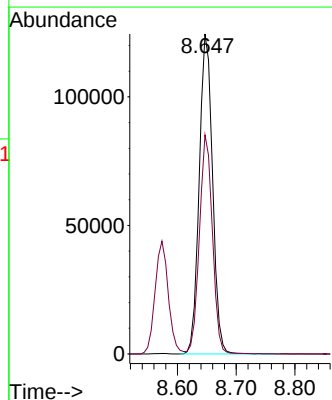
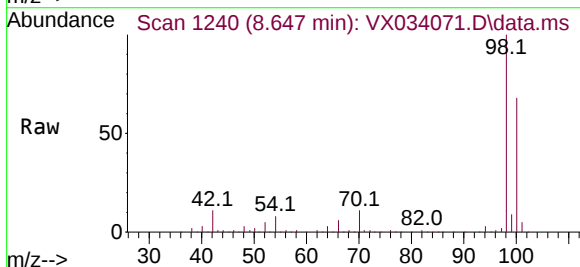
Delta R.T. -0.000 min

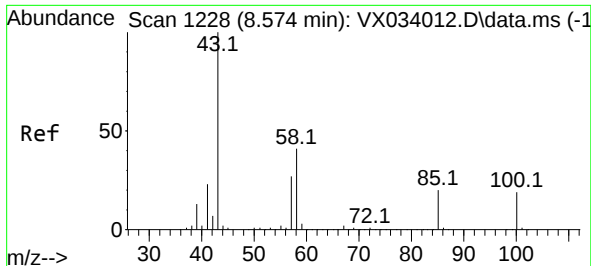
Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion: 98 Resp: 195974

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 256.362 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37110

Ion Ratio Lower Upper

43 100

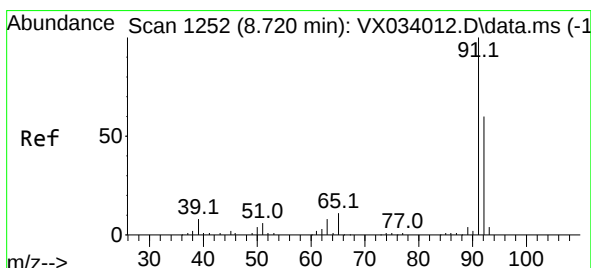
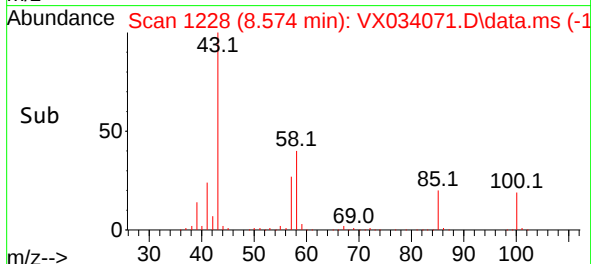
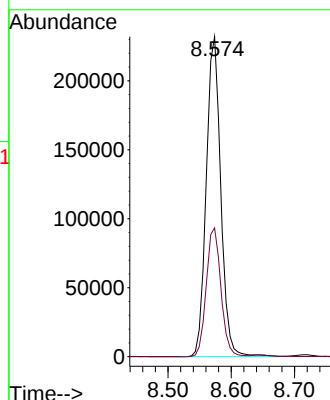
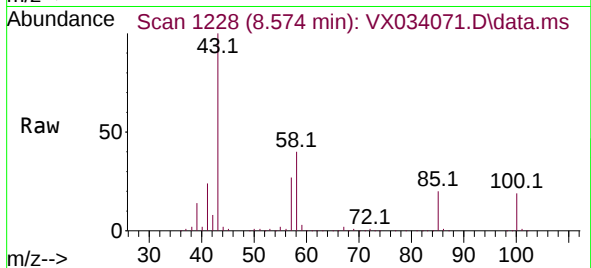
58 40.7 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#52

Toluene

Concen: 50.093 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034071.D

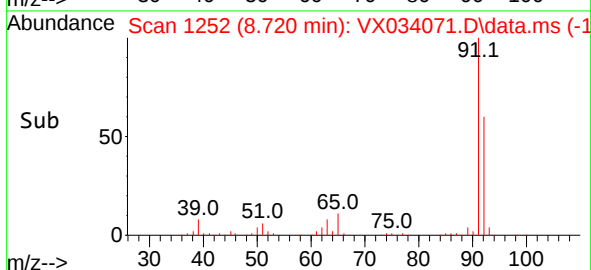
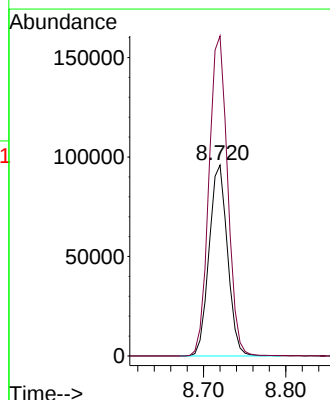
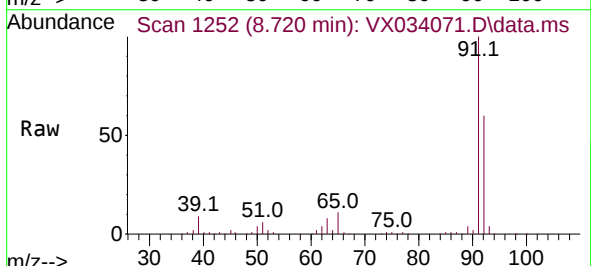
Acq: 07 Feb 2023 19:11

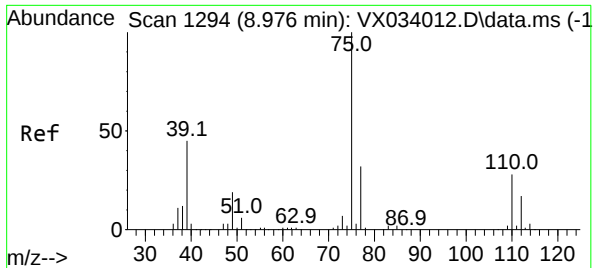
Tgt Ion: 92 Resp: 149211

Ion Ratio Lower Upper

92 100

91 169.8 135.5 203.3





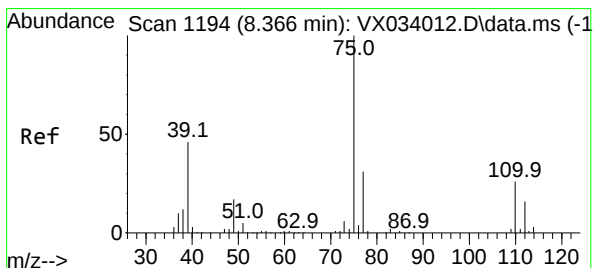
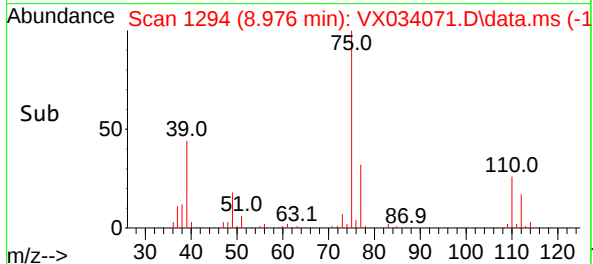
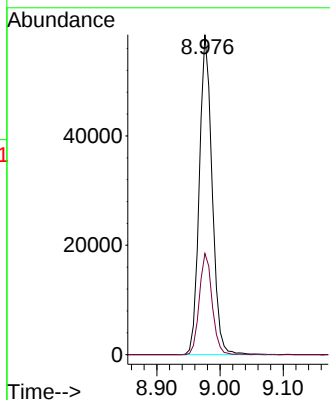
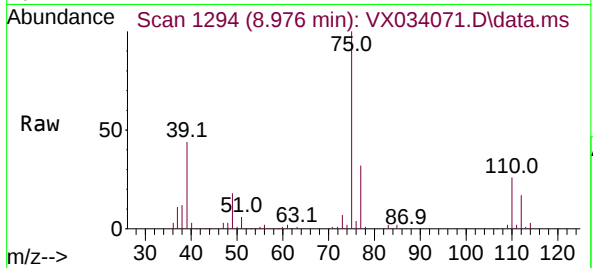
#53
t-1,3-Dichloropropene
Concen: 53.264 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 82489
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

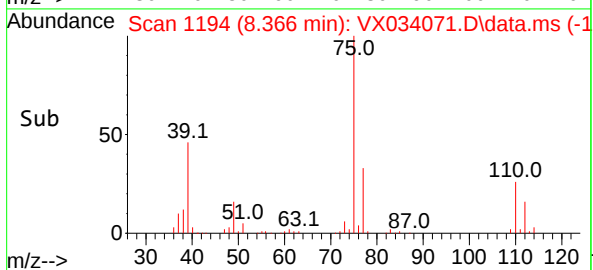
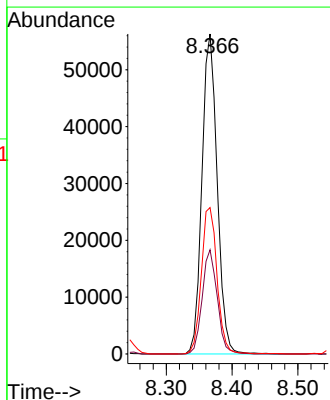
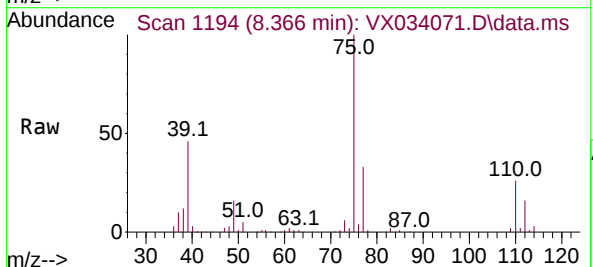
Manual Integrations
APPROVED

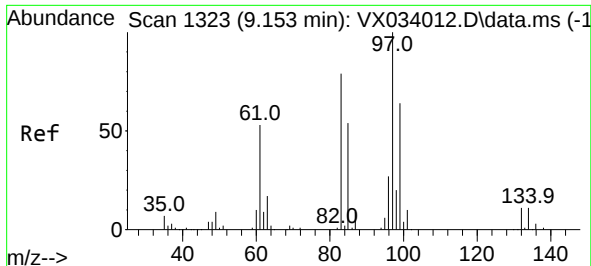
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 51.543 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 75 Resp: 90817
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 45.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 51.544 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 61325

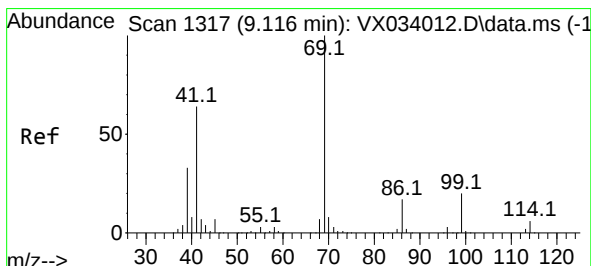
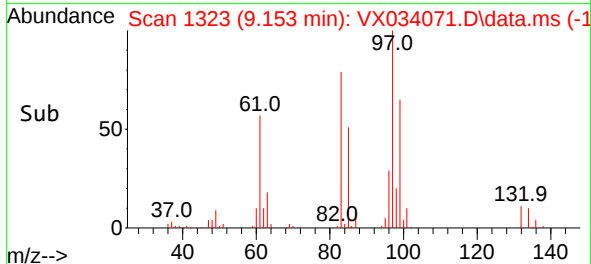
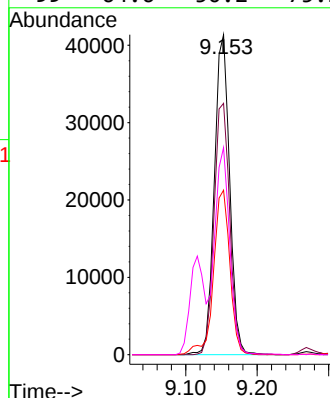
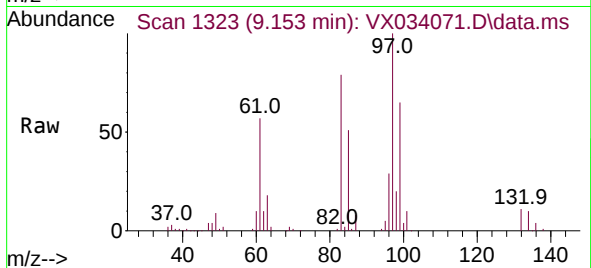
Ion	Ratio	Lower	Upper
97	100		
83	78.6	67.4	101.0
85	51.4	43.2	64.8
99	64.6	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#56

Ethyl methacrylate

Concen: 53.585 ug/l

RT: 9.116 min Scan# 1317

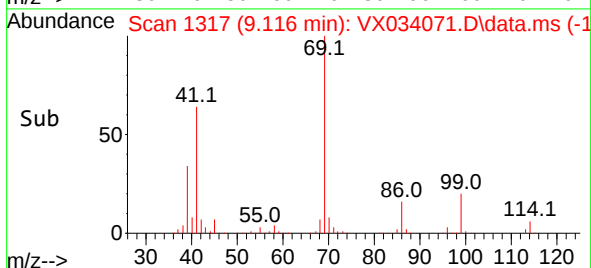
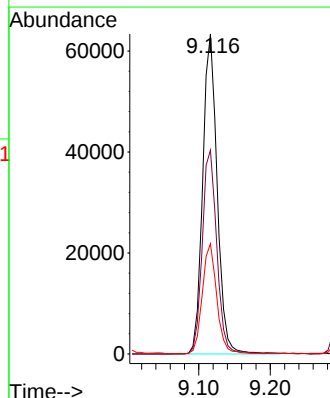
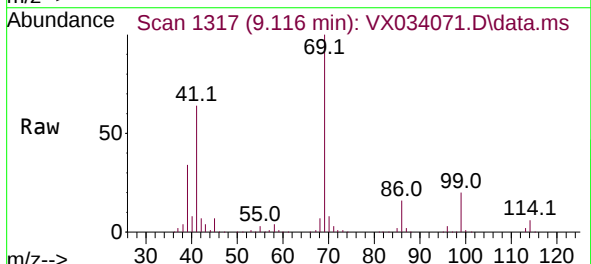
Delta R.T. -0.000 min

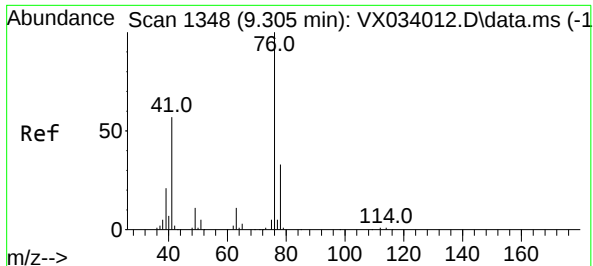
Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion: 69 Resp: 89043

Ion	Ratio	Lower	Upper
69	100		
41	64.2	55.1	82.7
39	34.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 50.769 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9867

Ion Ratio Lower Upper

76 100

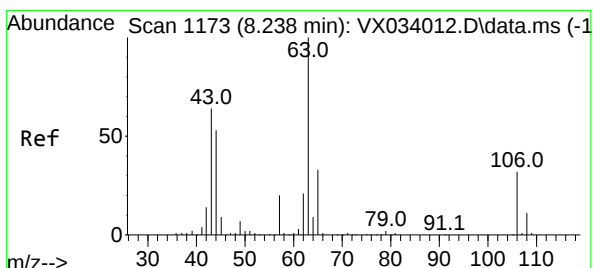
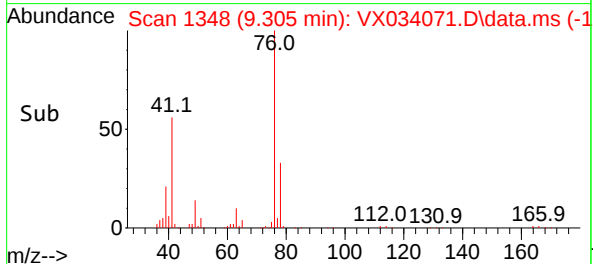
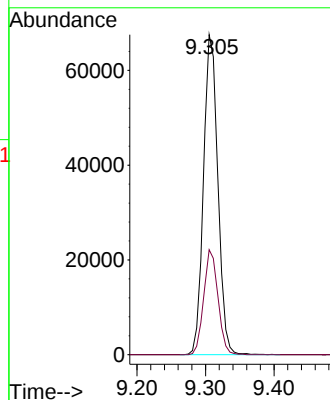
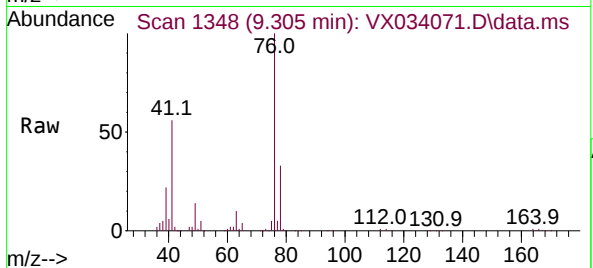
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.906 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034071.D

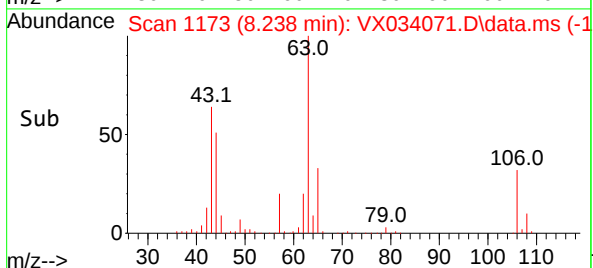
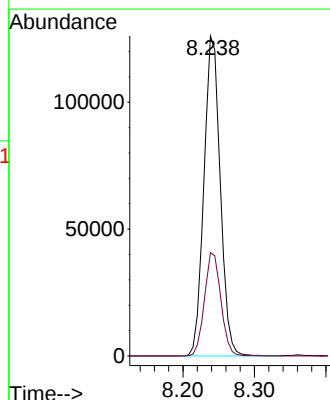
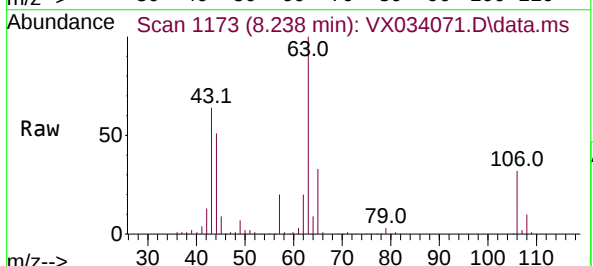
Acq: 07 Feb 2023 19:11

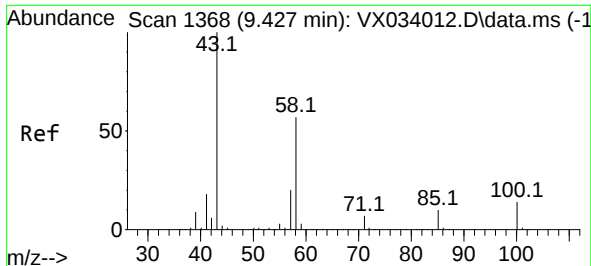
Tgt Ion: 63 Resp: 200174

Ion Ratio Lower Upper

63 100

106 32.4 24.5 36.7





#59

2-Hexanone

Concen: 258.887 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 27425

Ion Ratio Lower Upper

43 100

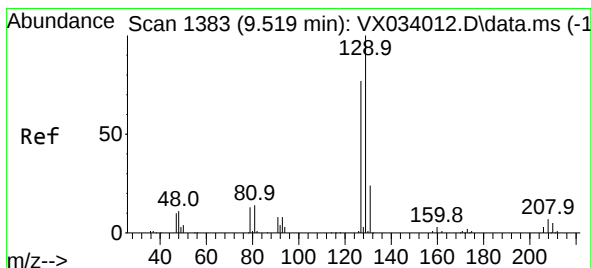
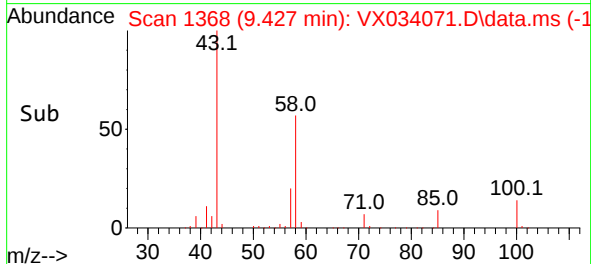
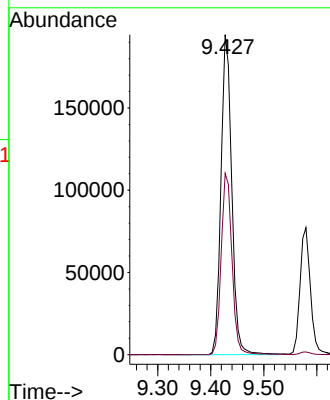
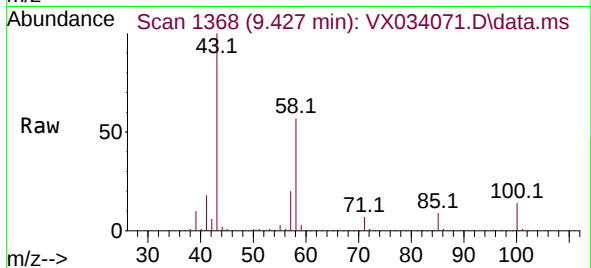
58 56.9 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#60

Dibromochloromethane

Concen: 53.151 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034071.D

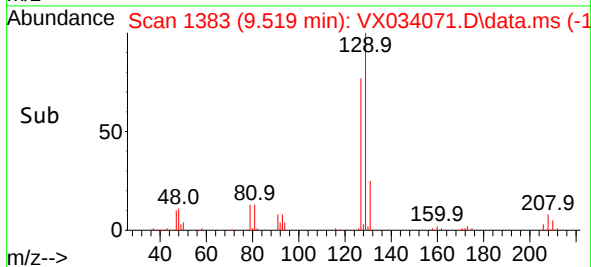
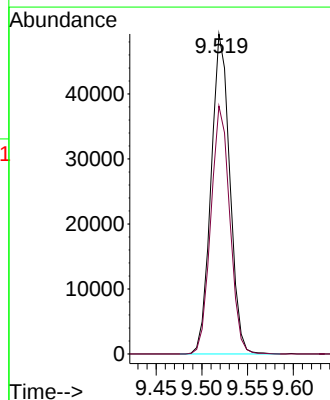
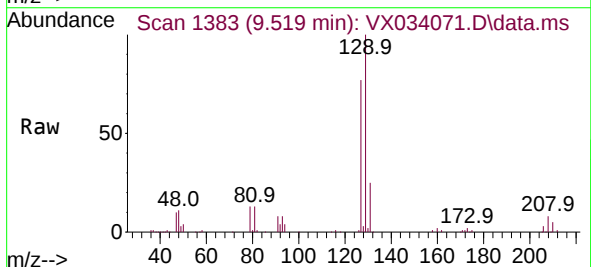
Acq: 07 Feb 2023 19:11

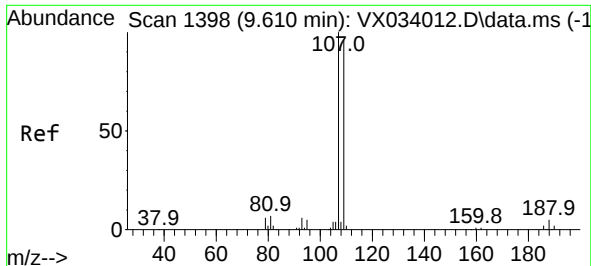
Tgt Ion:129 Resp: 70086

Ion Ratio Lower Upper

129 100

127 78.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.774 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

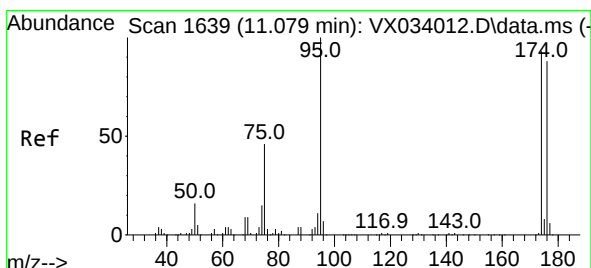
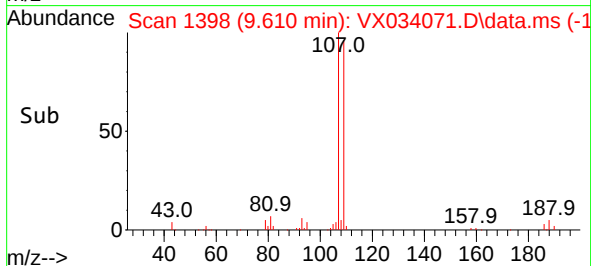
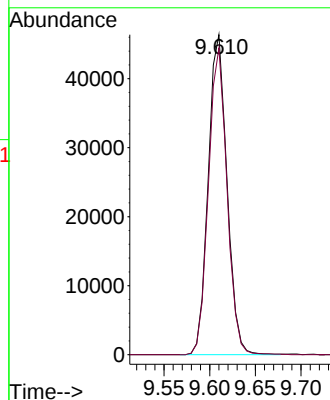
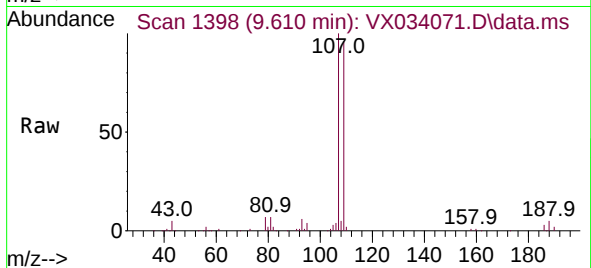
Tgt Ion:107 Resp: 6623
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.2

Manual Integrations

APPROVED

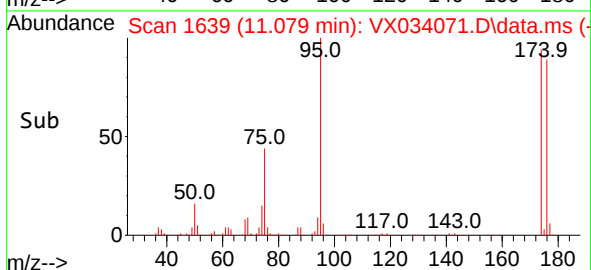
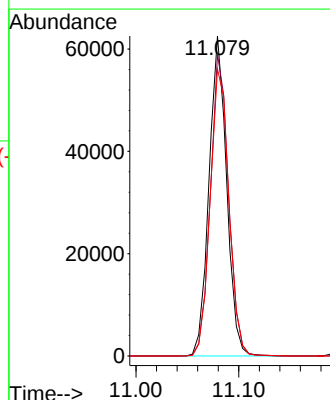
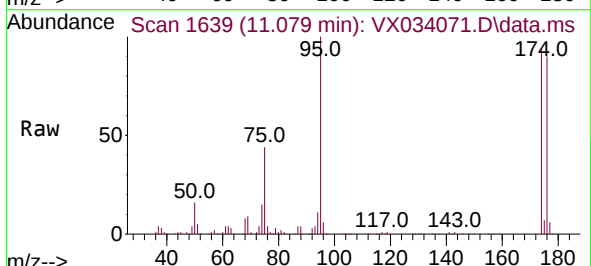
Reviewed By :John Carlone 02/08/2023

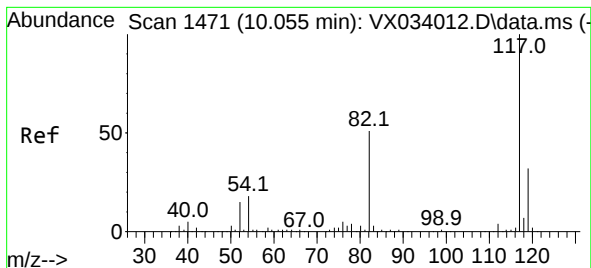
Supervised By :Mahesh Dadoda 02/08/2023



#62
4-Bromofluorobenzene
Concen: 50.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

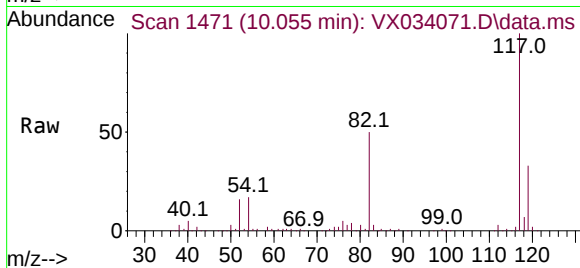
Tgt Ion: 95 Resp: 74581
Ion Ratio Lower Upper
95 100
174 97.1 0.0 184.4
176 95.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

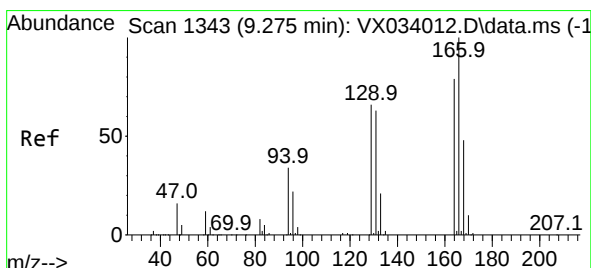
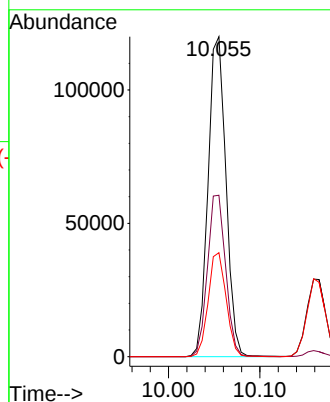
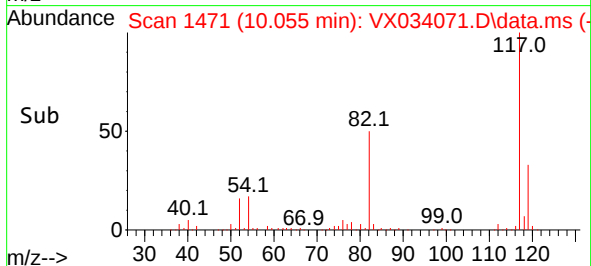
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 162740
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.5 25.6 38.4

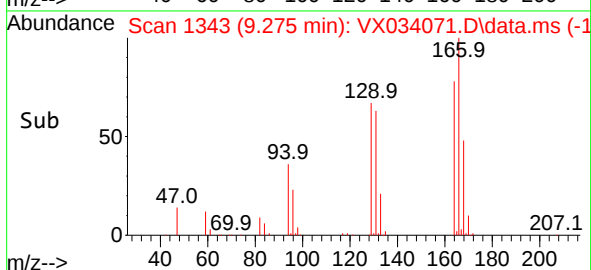
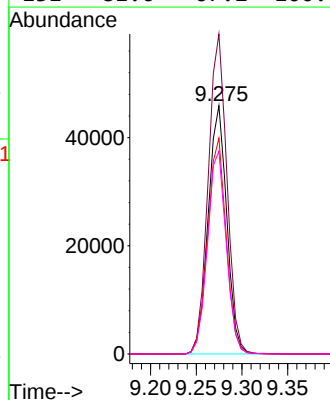
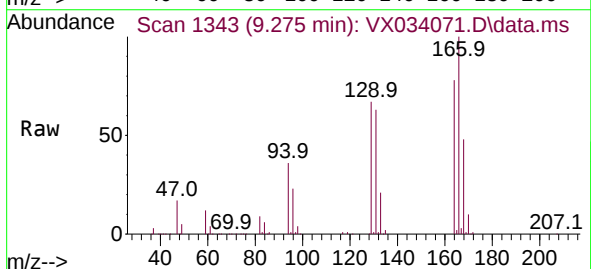
Manual Integrations
APPROVED

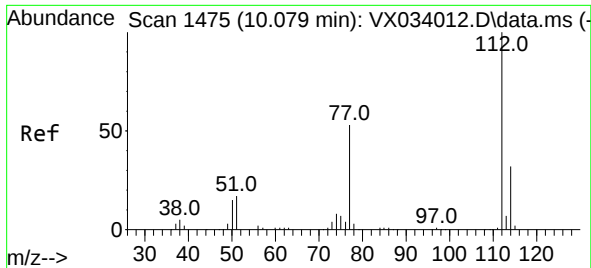
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 47.681 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

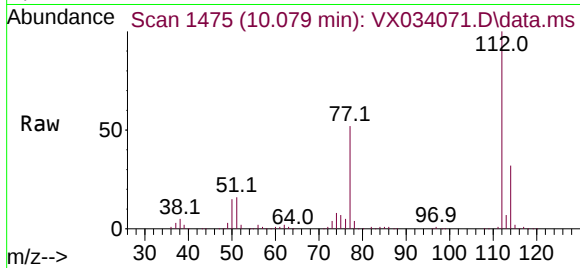
Tgt Ion:164 Resp: 64795
Ion Ratio Lower Upper
164 100
166 128.9 100.2 150.2
129 86.9 69.2 103.8
131 81.6 67.2 100.8





#65
Chlorobenzene
Concen: 50.442 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

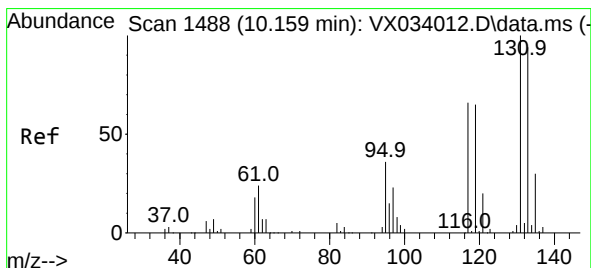
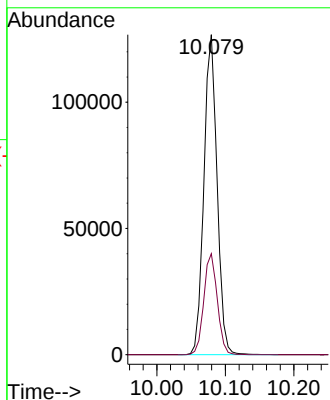
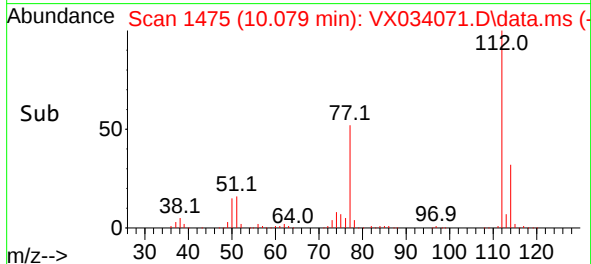
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 169540
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

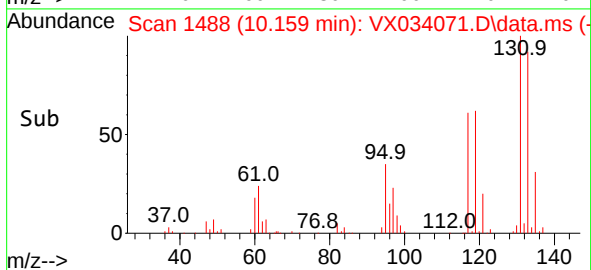
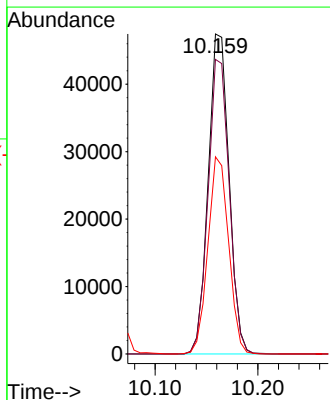
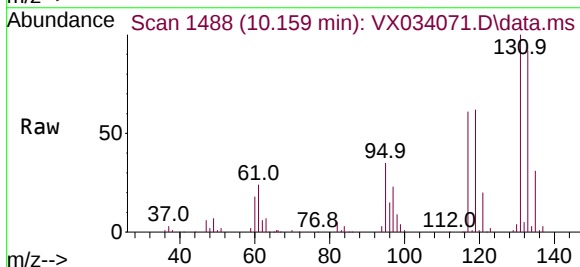
Manual Integrations
APPROVED

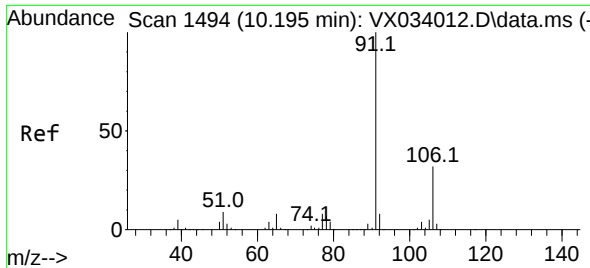
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.678 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

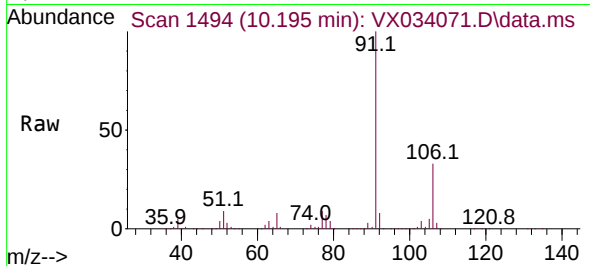
Tgt Ion:131 Resp: 66909
Ion Ratio Lower Upper
131 100
133 93.4 48.4 145.0
119 61.4 31.9 95.7





#67
Ethyl Benzene
Concen: 51.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

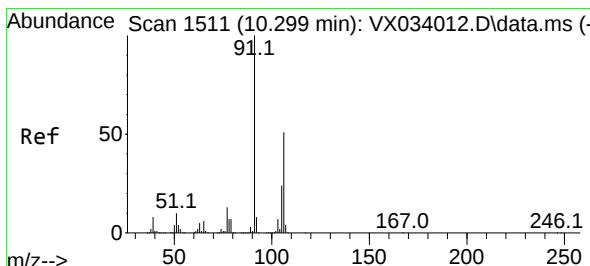
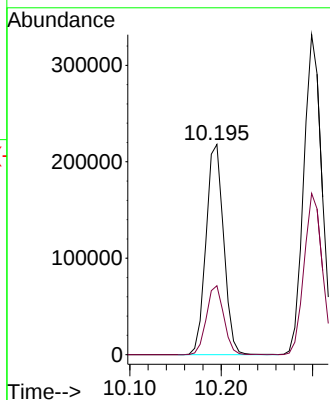
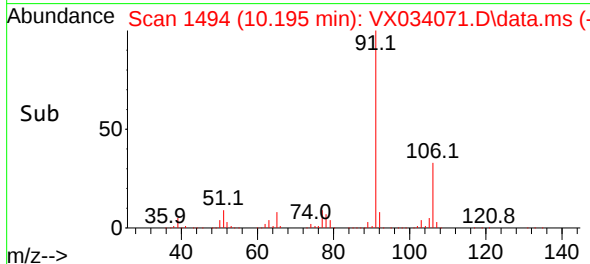
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



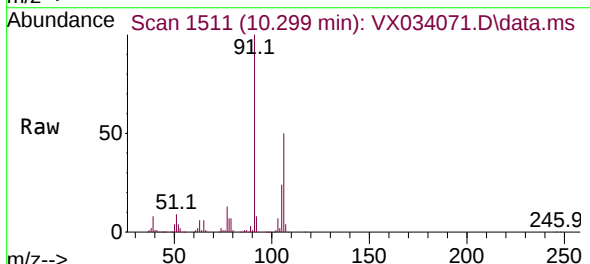
Tgt Ion: 91 Resp: 291444
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8

Manual Integrations
APPROVED

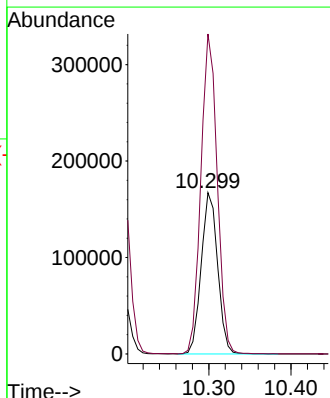
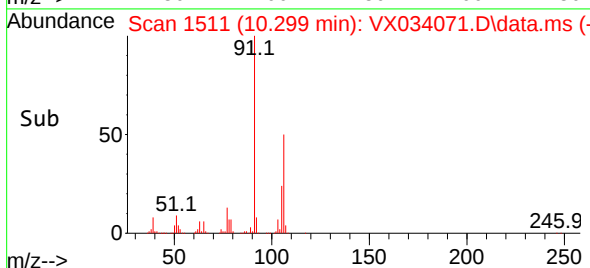
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

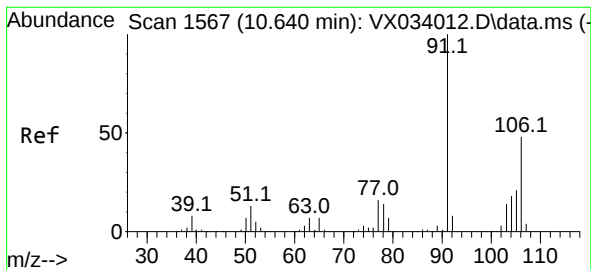


#68
m/p-Xylenes
Concen: 101.712 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



Tgt Ion:106 Resp: 231297
Ion Ratio Lower Upper
106 100
91 197.8 156.4 234.6





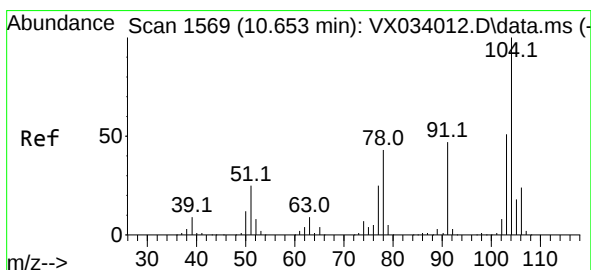
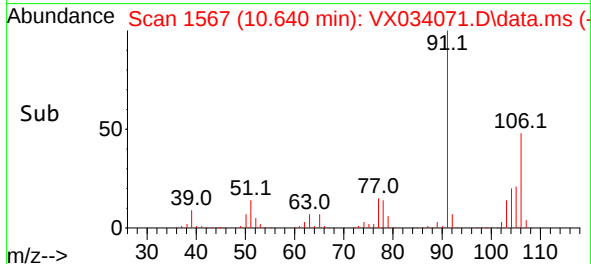
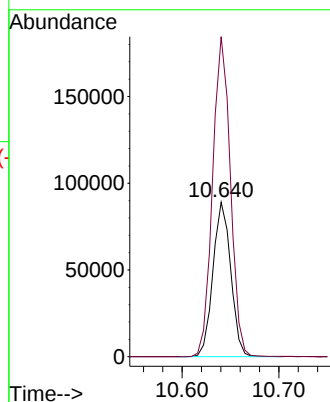
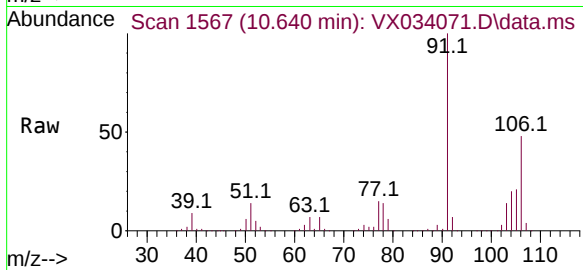
#69
o-Xylene
Concen: 52.091 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 113768
Ion Ratio Lower Upper
106 100
91 207.9 103.1 309.3

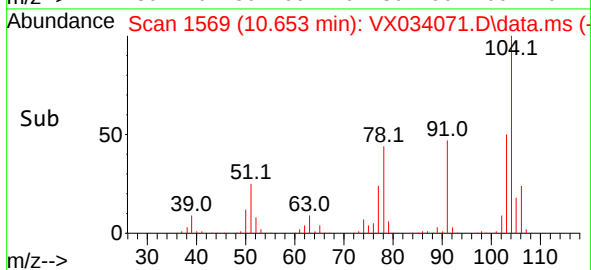
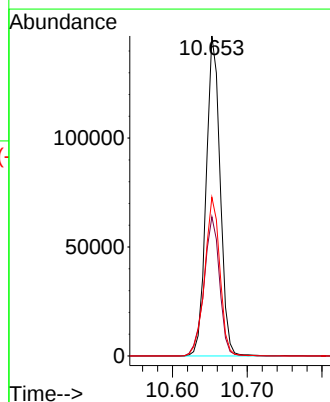
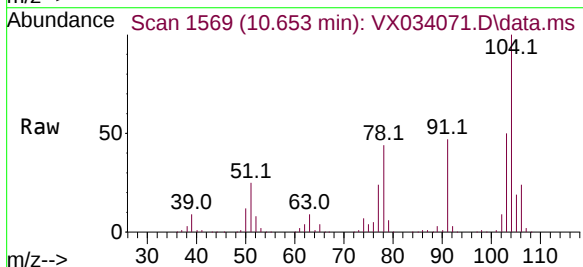
Manual Integrations
APPROVED

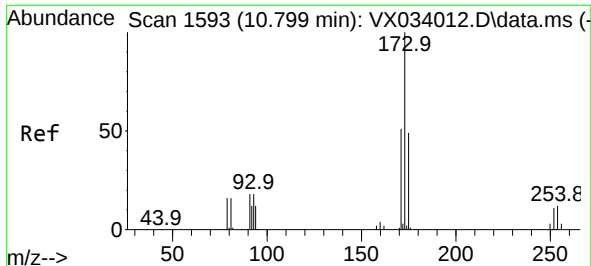
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 53.104 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

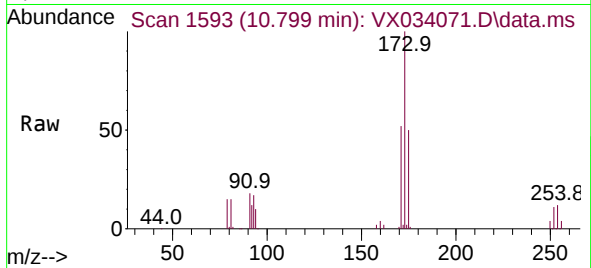
Tgt Ion:104 Resp: 191018
Ion Ratio Lower Upper
104 100
78 48.1 37.5 56.3
103 53.6 43.3 64.9





#71
Bromoform
Concen: 55.869 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

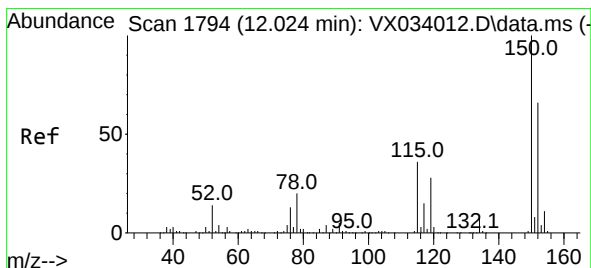
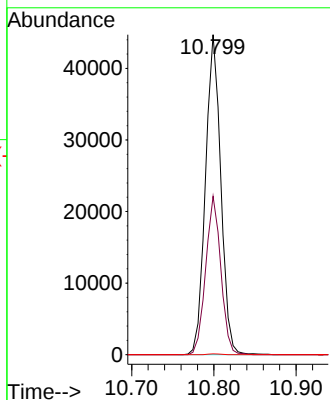
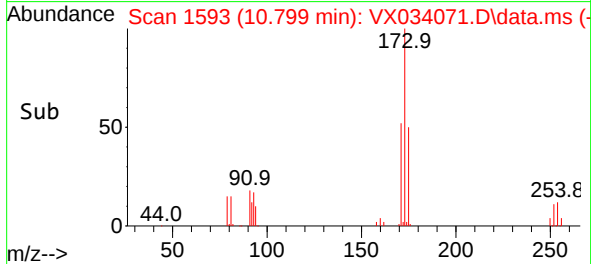
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5788
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.3
254 0.2 0.1 0.1

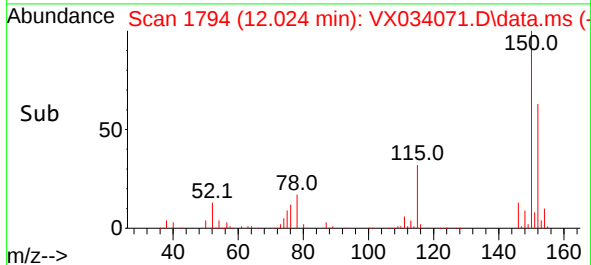
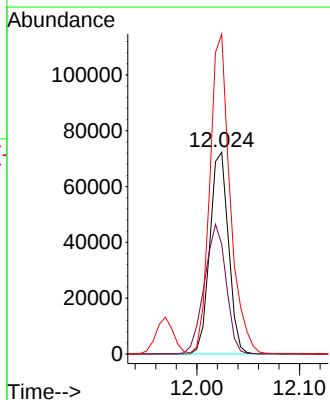
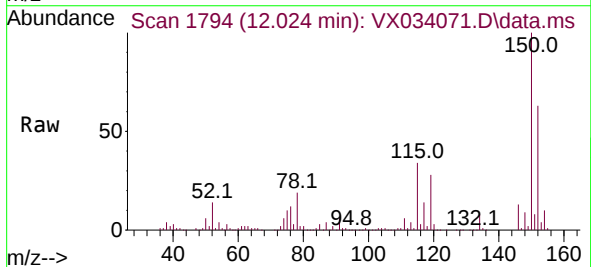
Manual Integrations
APPROVED

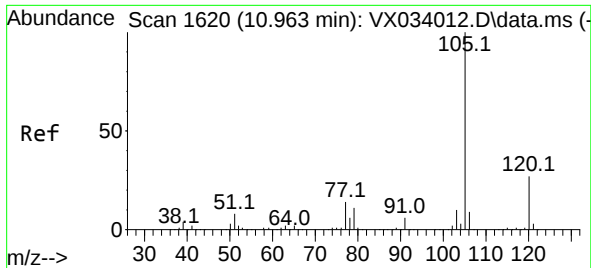
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

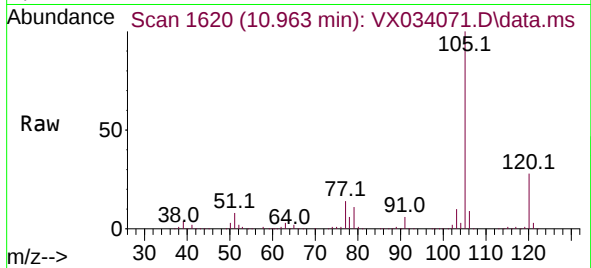
Tgt Ion:152 Resp: 90992
Ion Ratio Lower Upper
152 100
115 74.7 38.7 116.1
150 172.2 0.0 348.2





#73
Isopropylbenzene
Concen: 49.193 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

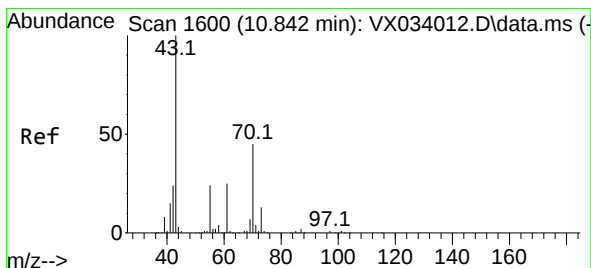
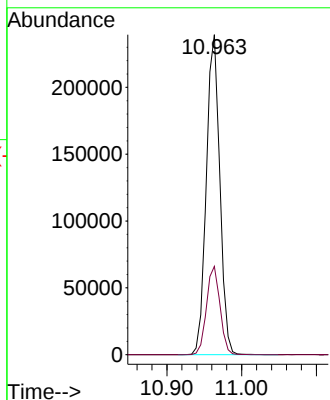
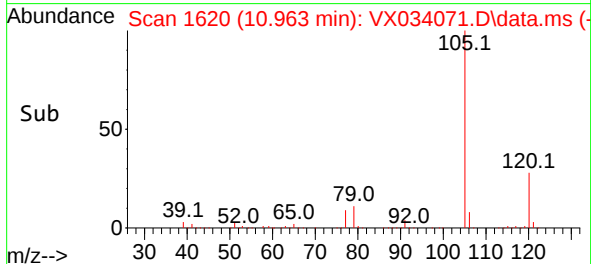
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



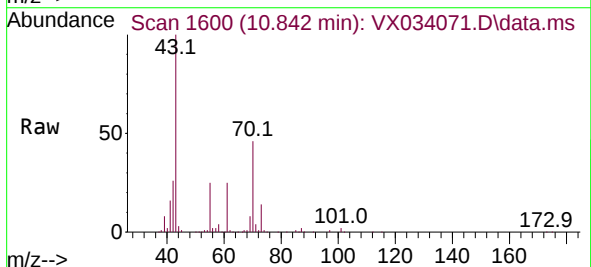
Tgt Ion:105 Resp: 299152
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

Manual Integrations
APPROVED

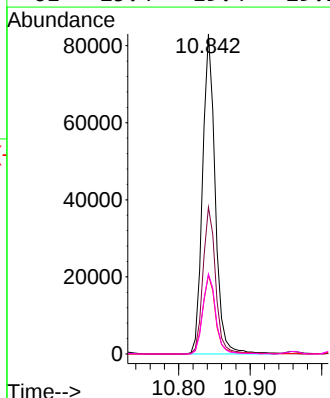
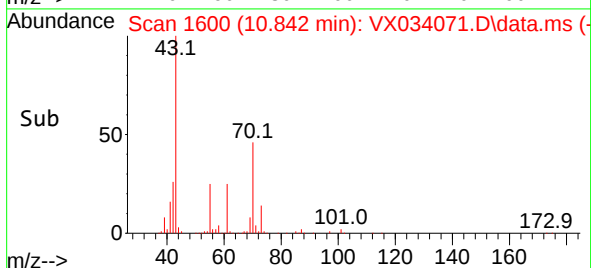
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

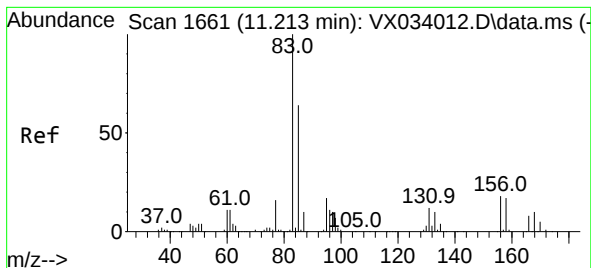


#74
N-ethyl acetate
Concen: 50.957 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



Tgt Ion: 43 Resp: 102086
Ion Ratio Lower Upper
43 100
70 46.0 34.8 52.2
55 25.4 19.4 29.0
61 25.4 19.4 29.2





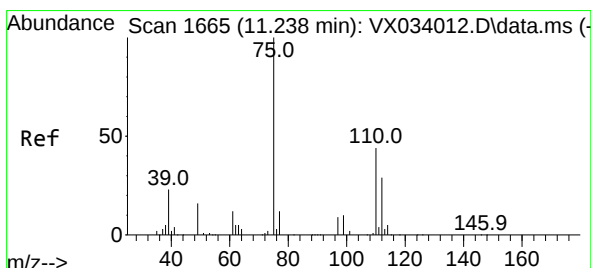
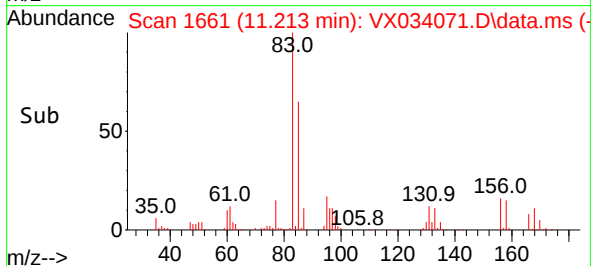
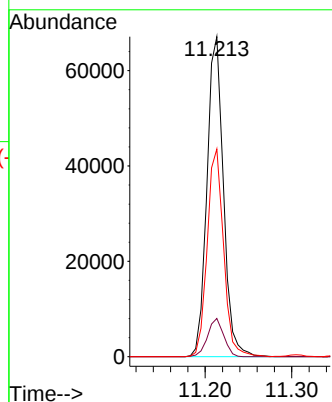
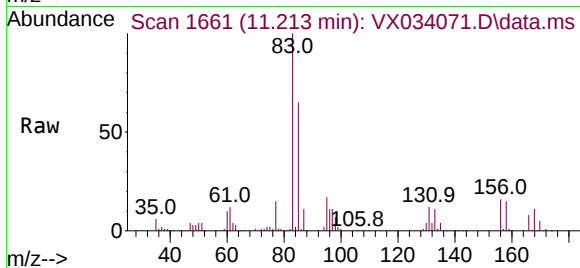
#75
1,1,2,2-Tetrachloroethane
Concen: 48.457 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 88664
Ion Ratio Lower Upper
83 100
131 11.8 5.5 16.7
85 64.5 32.3 96.9

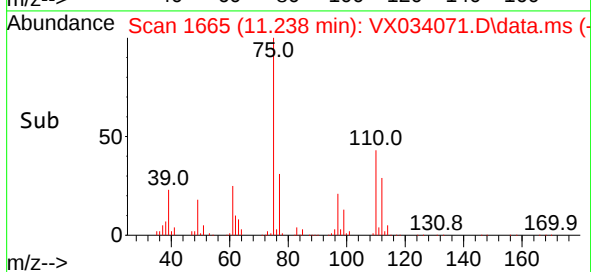
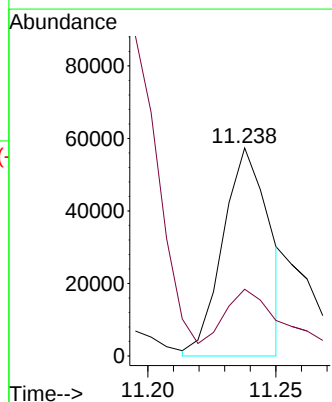
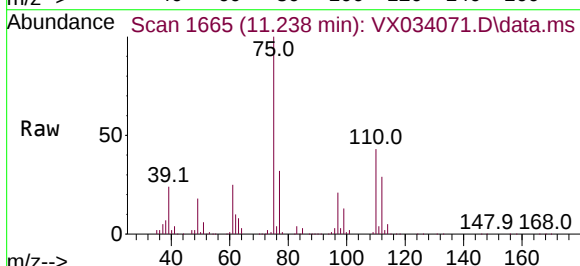
Manual Integrations
APPROVED

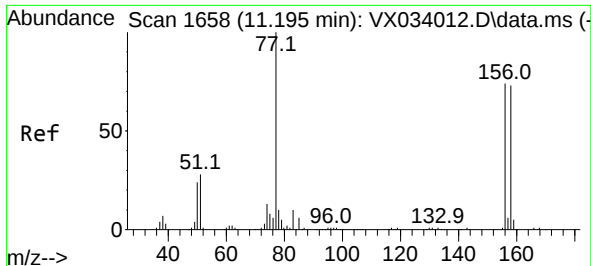
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#76
1,2,3-Trichloropropane
Concen: 46.314 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

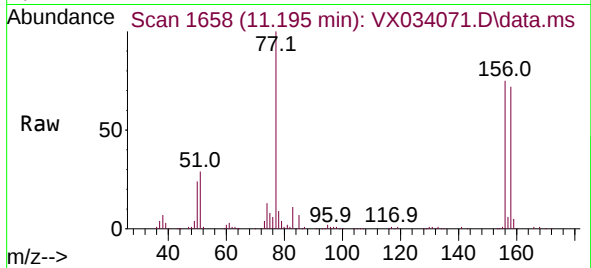
Tgt Ion: 75 Resp: 72362
Ion Ratio Lower Upper
75 100
77 42.9 21.8 65.4





#77
Bromobenzene
Concen: 49.435 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

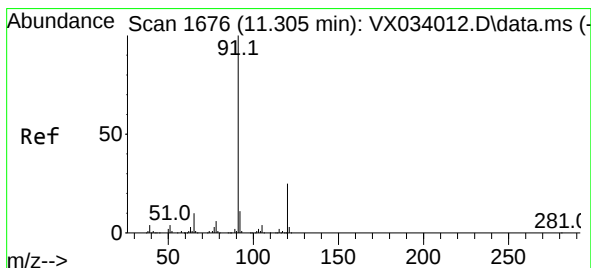
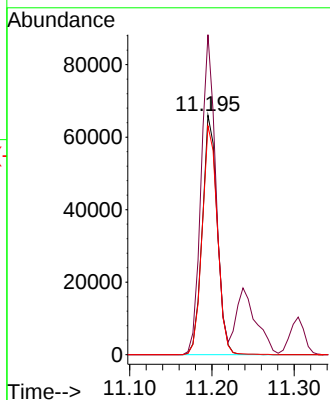
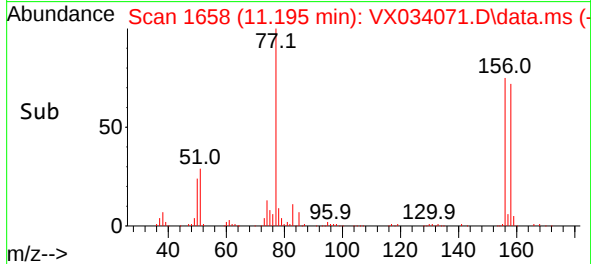
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



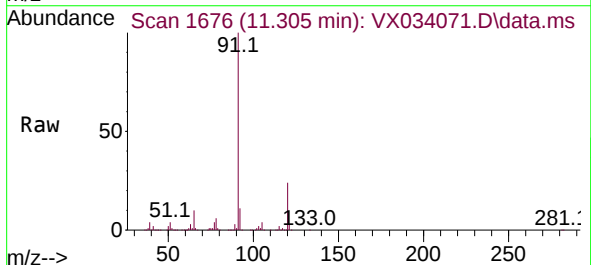
Tgt Ion:156 Resp: 8336
Ion Ratio Lower Upper
156 100
77 130.3 68.1 204.3
158 97.3 48.0 144.2

Manual Integrations
APPROVED

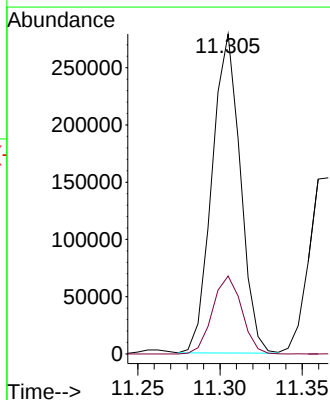
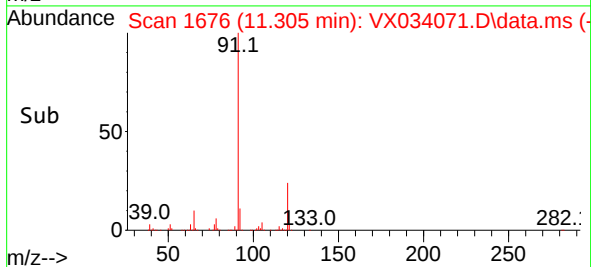
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

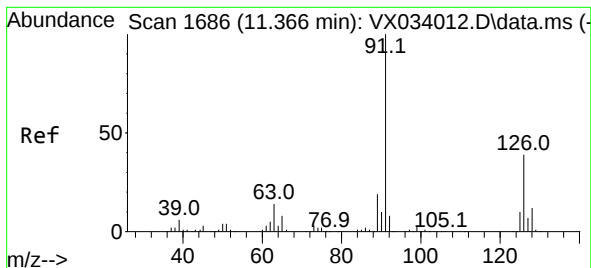


#78
n-propylbenzene
Concen: 49.767 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



Tgt Ion: 91 Resp: 334623
Ion Ratio Lower Upper
91 100
120 25.1 12.3 36.8





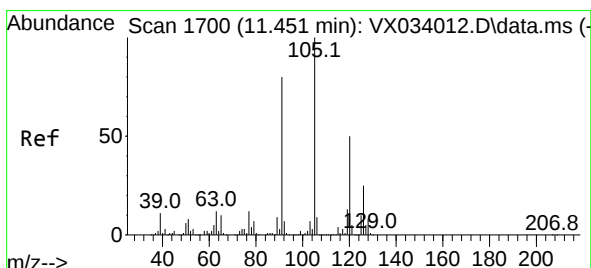
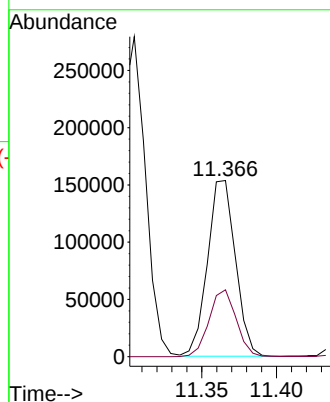
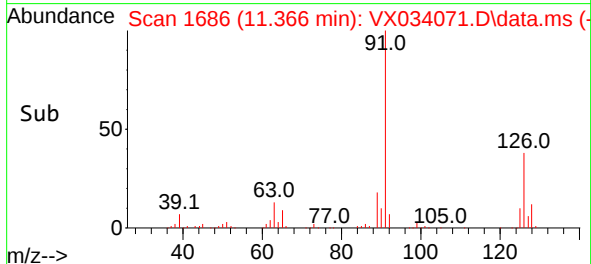
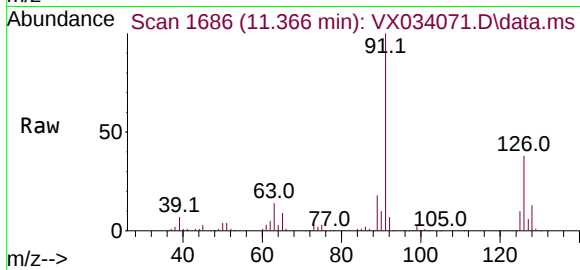
#79
2-Chlorotoluene
Concen: 49.052 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 199702
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1

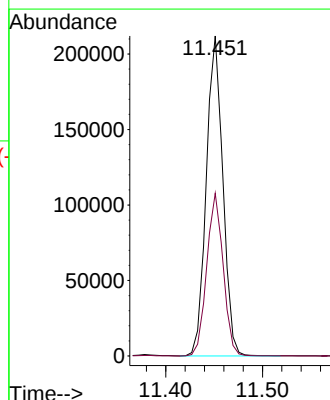
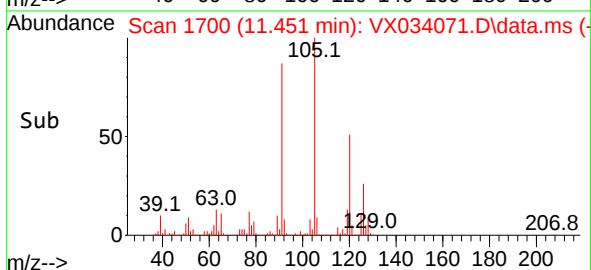
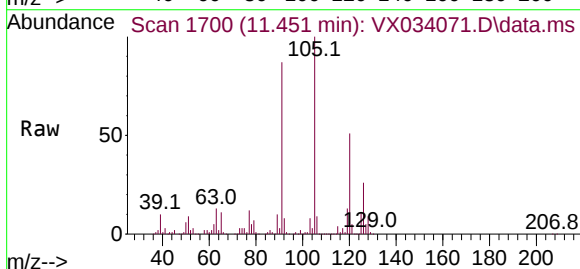
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.970 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion:105 Resp: 252940
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.8





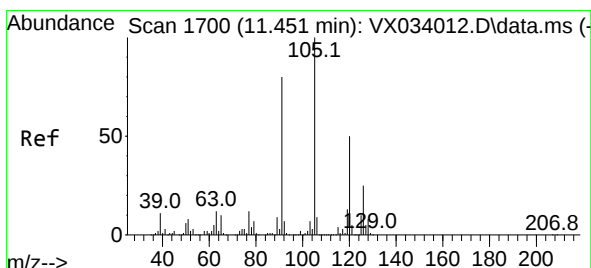
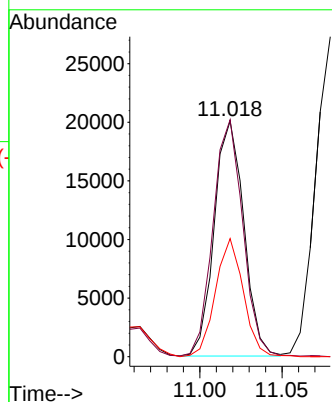
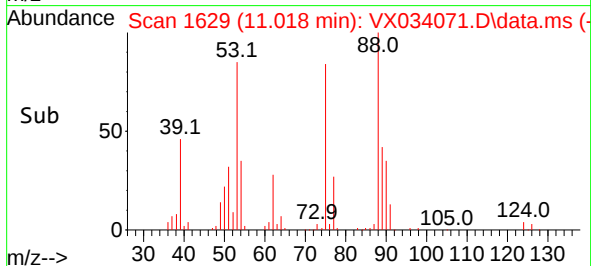
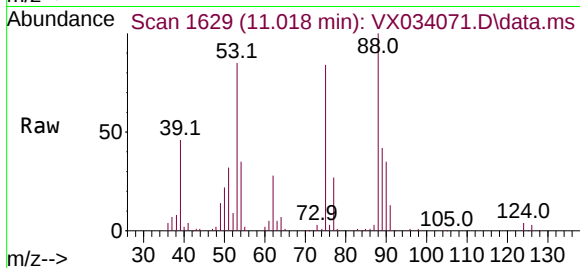
#81
trans-1,4-Dichloro-2-butene
Concen: 49.465 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 25098
Ion Ratio Lower Upper
75 100
53 102.1 83.0 124.6
89 47.3 37.7 56.5

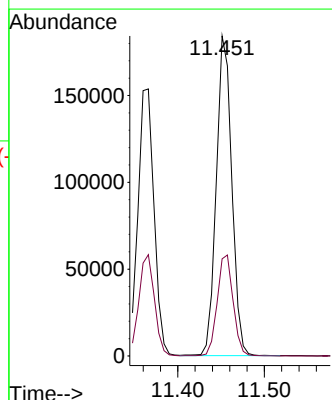
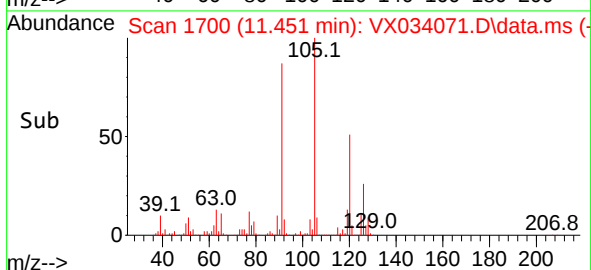
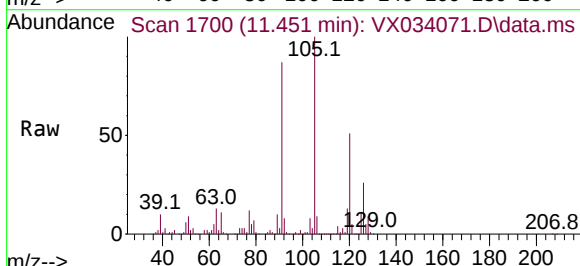
Manual Integrations
APPROVED

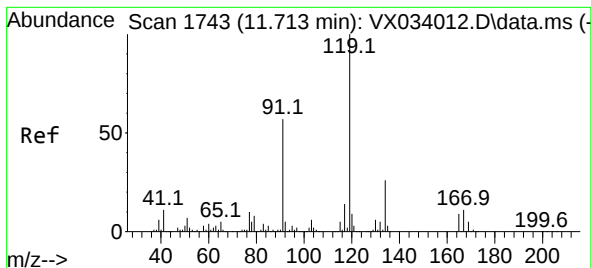
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 49.783 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 91 Resp: 229234
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.278 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

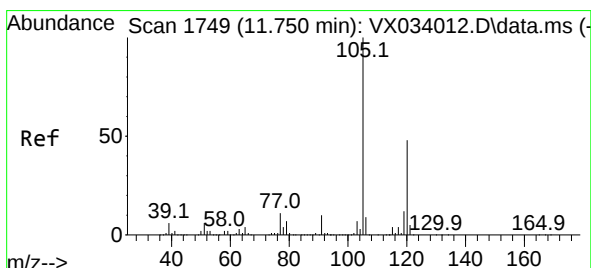
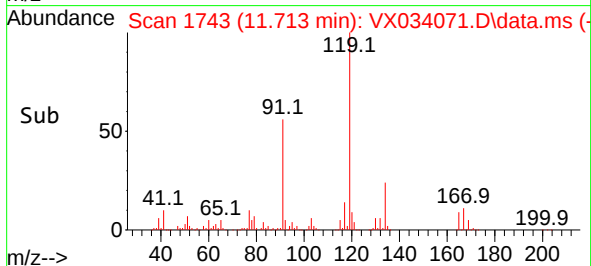
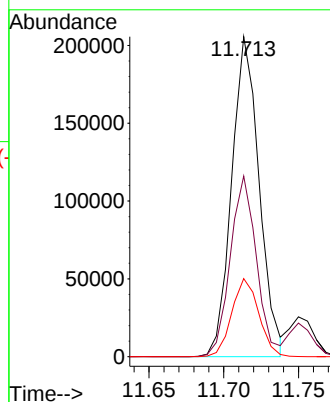
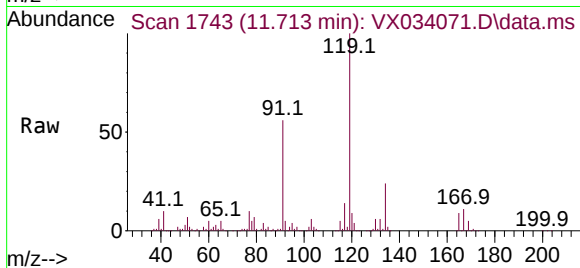
Tgt Ion:119 Resp: 26293
 Ion Ratio Lower Upper
 119 100
 91 53.9 26.9 80.7
 134 24.0 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.544 ug/l

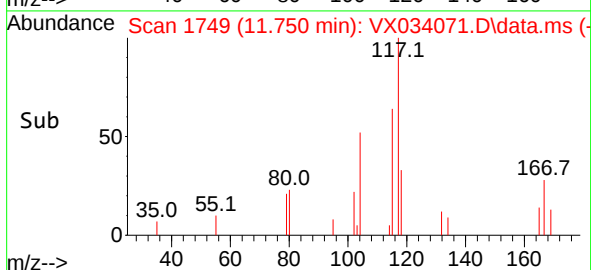
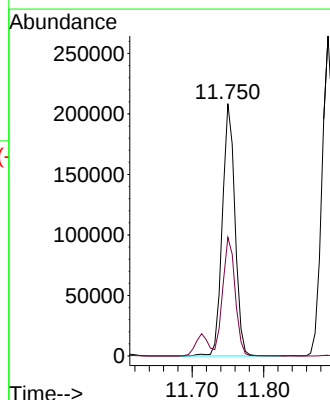
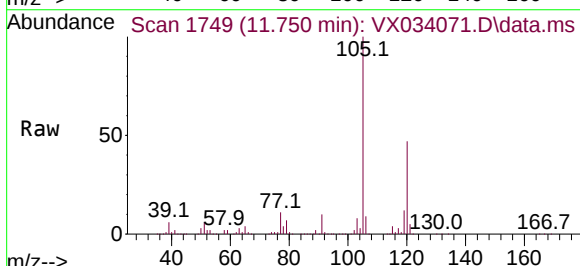
RT: 11.750 min Scan# 1749

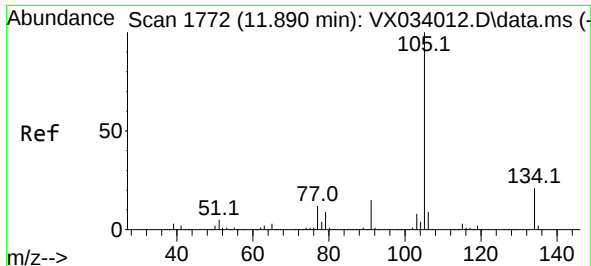
Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Tgt Ion:105 Resp: 255602
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2





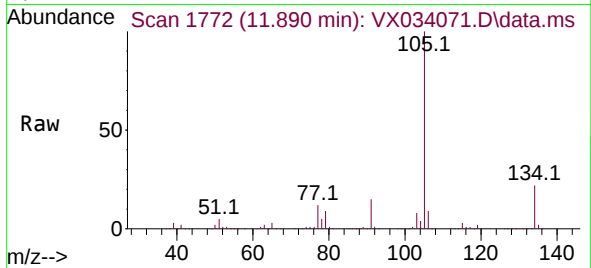
#85
 sec-Butylbenzene
 Concen: 50.116 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034071.D
 Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



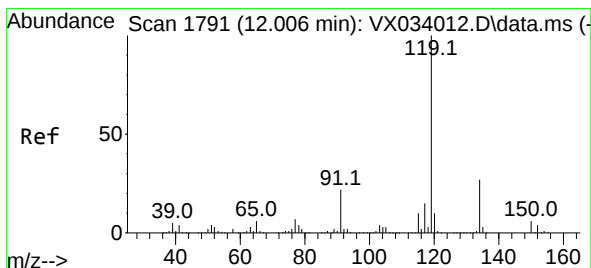
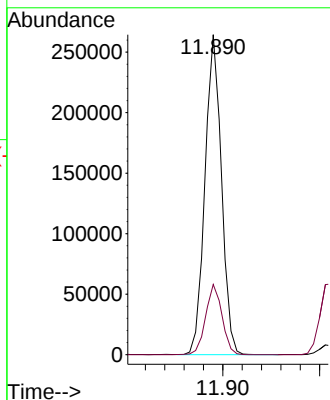
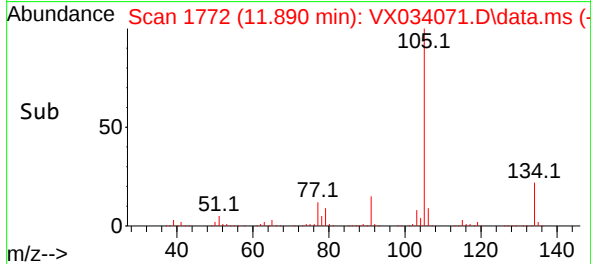
Tgt Ion:105 Resp: 313572
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations

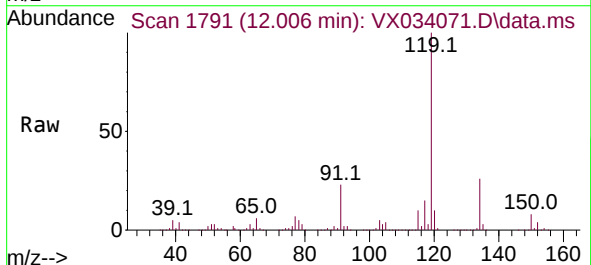
APPROVED

Reviewed By :John Carlone 02/08/2023

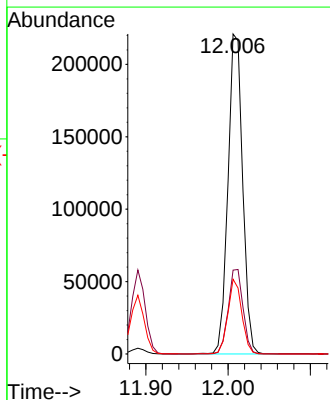
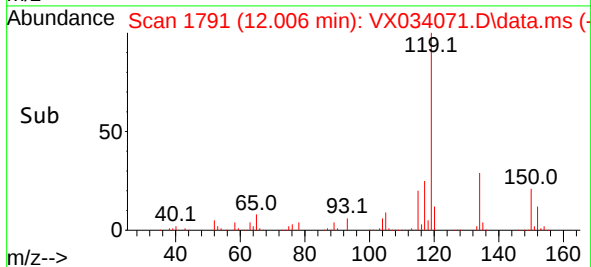
Supervised By :Mahesh Dadoda 02/08/2023

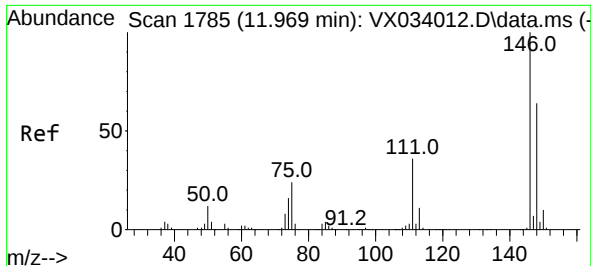


#86
 p-Isopropyltoluene
 Concen: 50.178 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034071.D
 Acq: 07 Feb 2023 19:11



Tgt Ion:119 Resp: 275365
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.204 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 152248

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.6

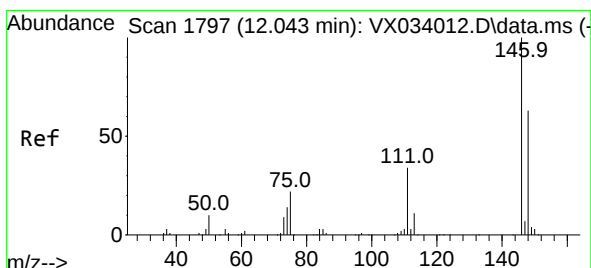
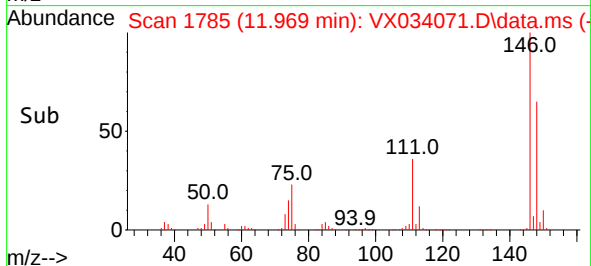
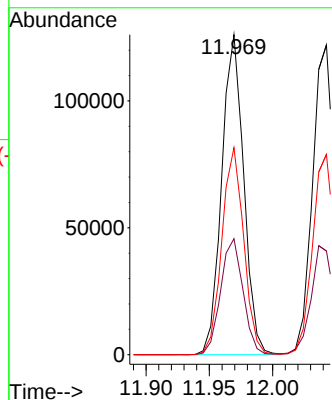
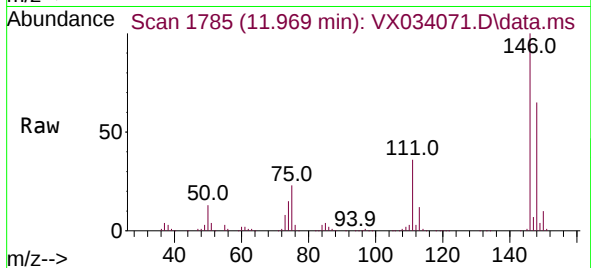
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#88

1,4-Dichlorobenzene

Concen: 47.994 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

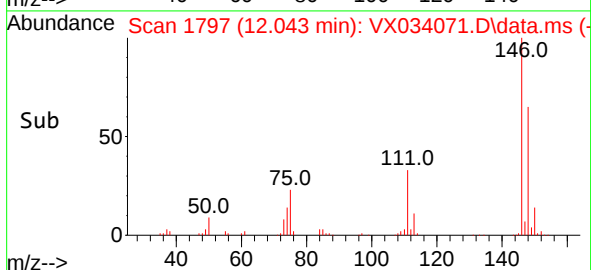
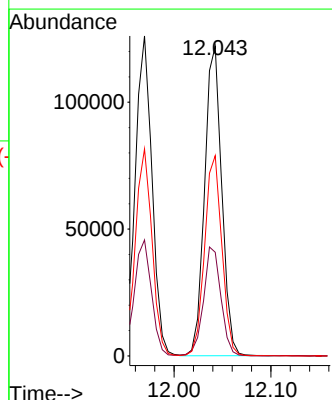
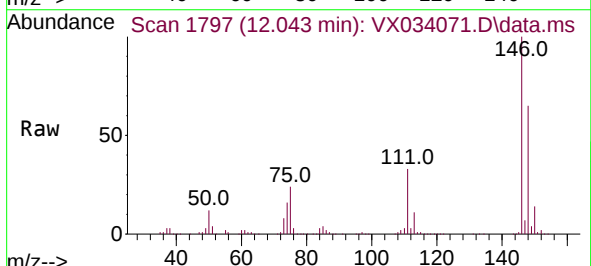
Tgt Ion:146 Resp: 150770

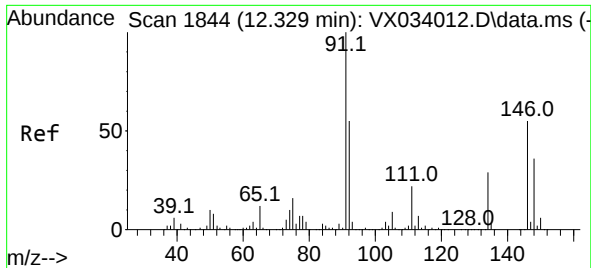
Ion Ratio Lower Upper

146 100

111 35.9 17.8 53.4

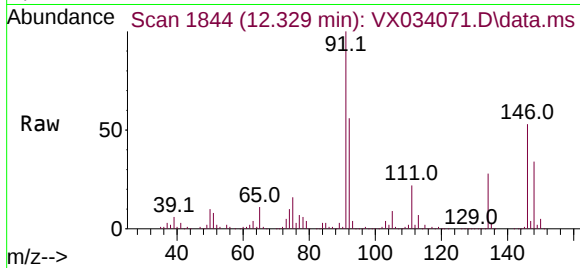
148 65.3 32.1 96.3





#89
n-Butylbenzene
Concen: 50.935 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

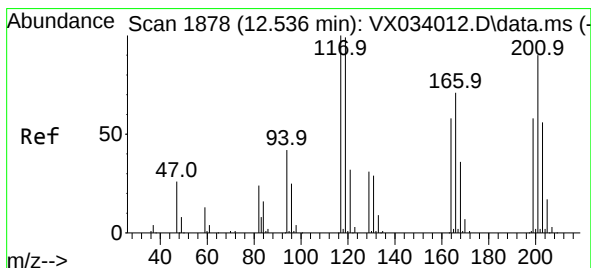
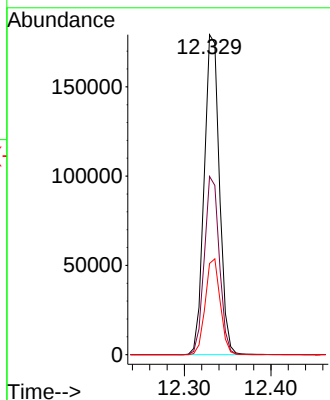
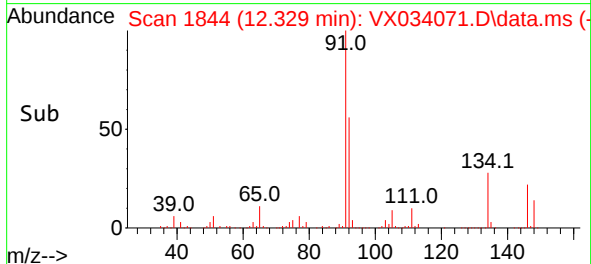
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 21914
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.4 14.3 42.9

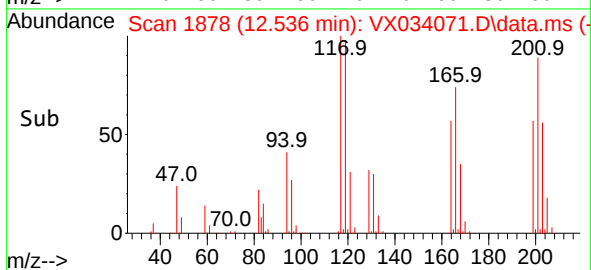
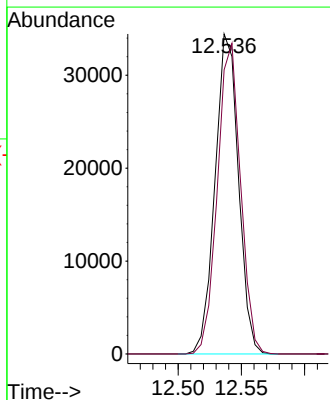
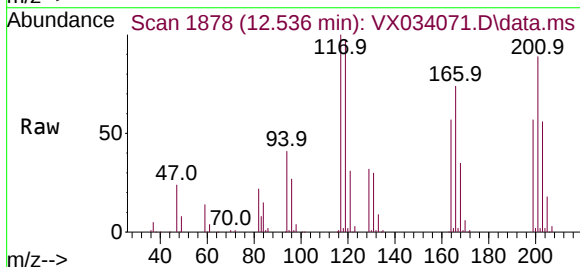
Manual Integrations
APPROVED

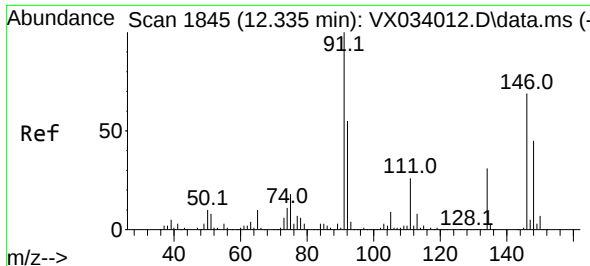
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 51.173 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

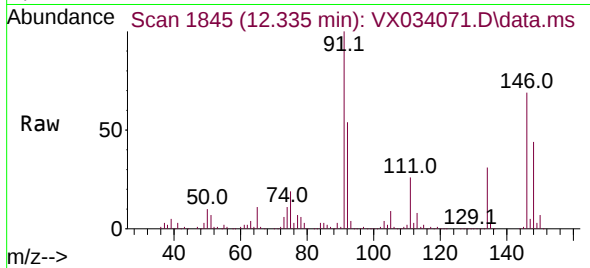
Tgt Ion:117 Resp: 44209
Ion Ratio Lower Upper
117 100
201 96.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 48.897 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

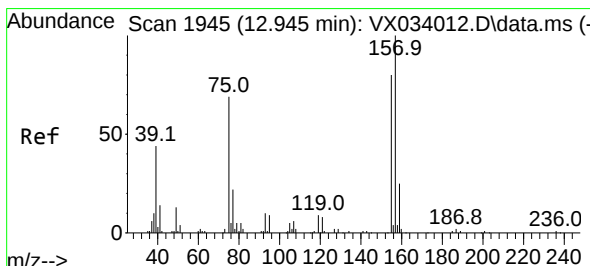
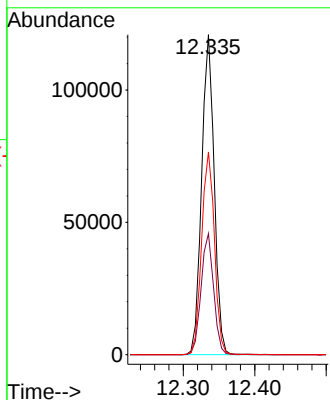
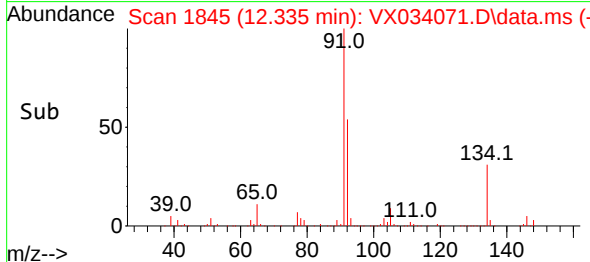
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 147550
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 64.7 32.3 96.9

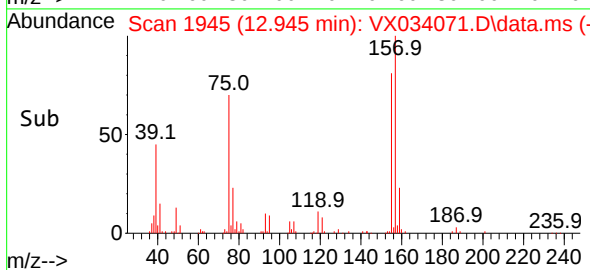
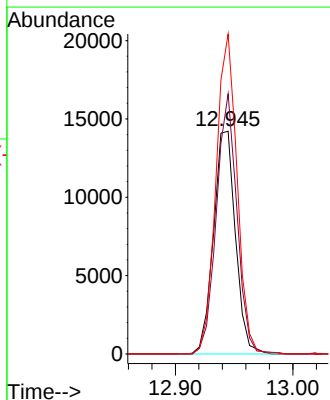
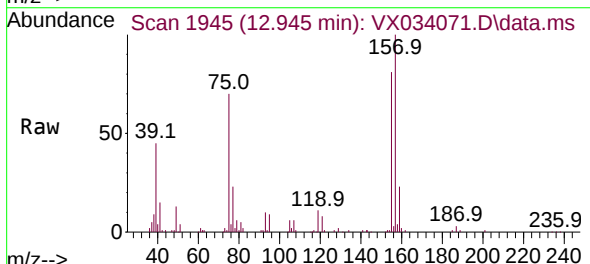
Manual Integrations
APPROVED

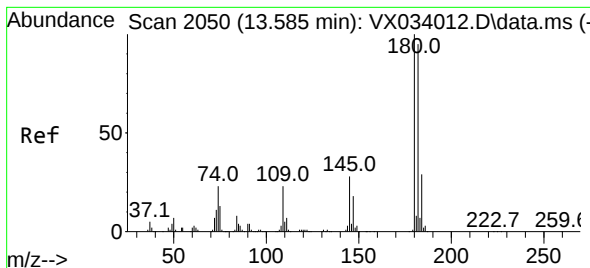
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.387 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

Tgt Ion: 75 Resp: 18489
Ion Ratio Lower Upper
75 100
155 109.1 51.7 155.1
157 137.6 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 50.308 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

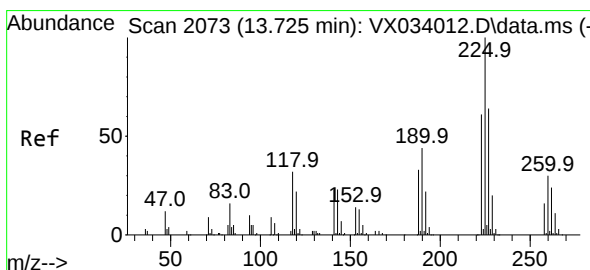
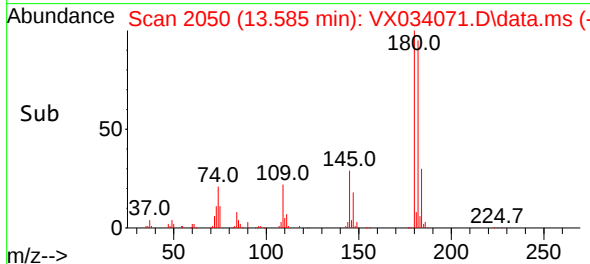
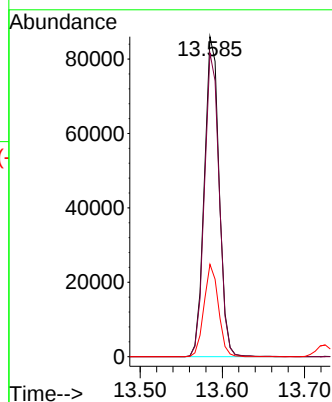
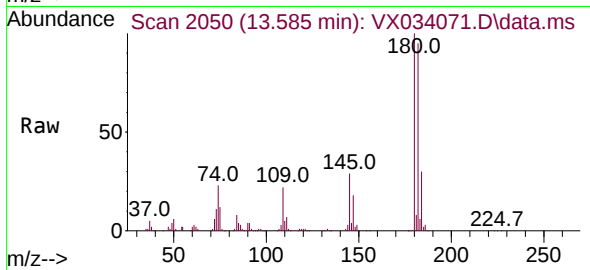
Tgt Ion:180	Resp:	107260
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.9 143.6
145	28.1	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#94

Hexachlorobutadiene

Concen: 47.103 ug/l

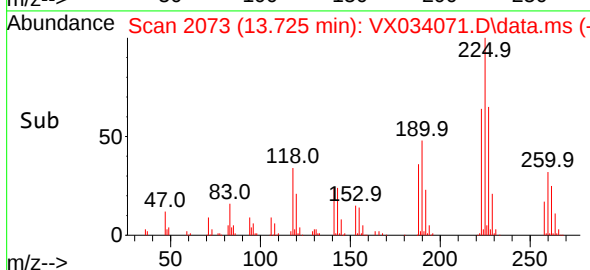
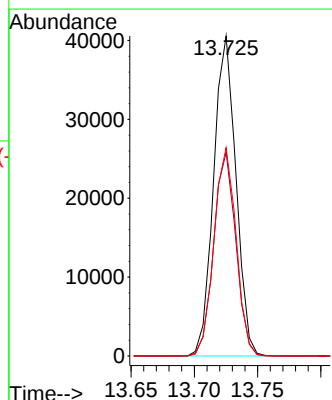
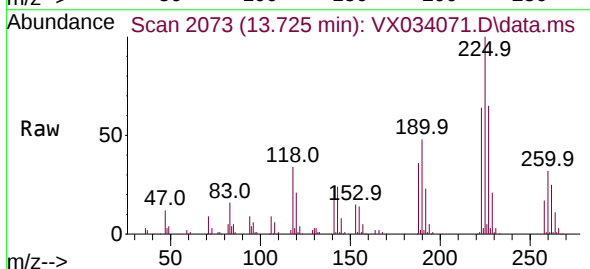
RT: 13.725 min Scan# 2073

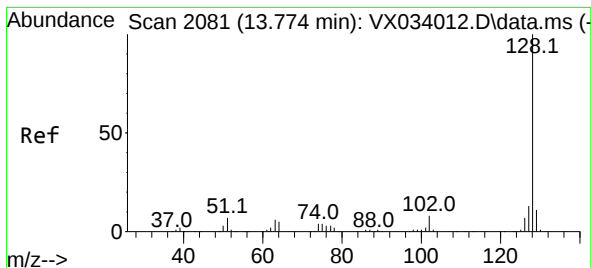
Delta R.T. -0.000 min

Lab File: VX034071.D

Acq: 07 Feb 2023 19:11

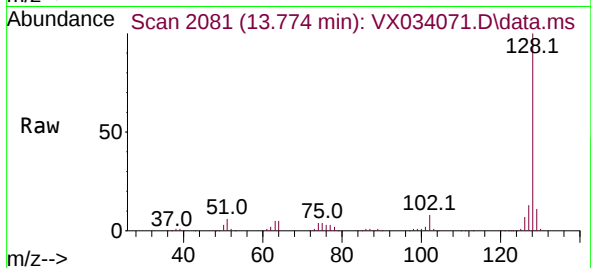
Tgt Ion:225	Resp:	49712
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.3 93.9
227	64.4	32.3 96.9





#95
Naphthalene
Concen: 50.889 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11

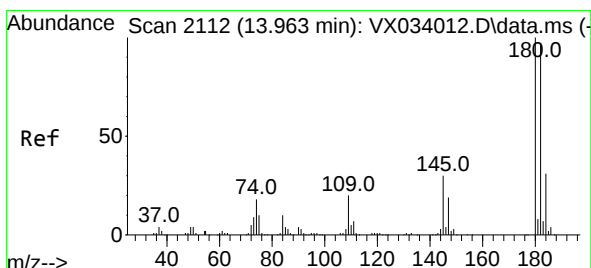
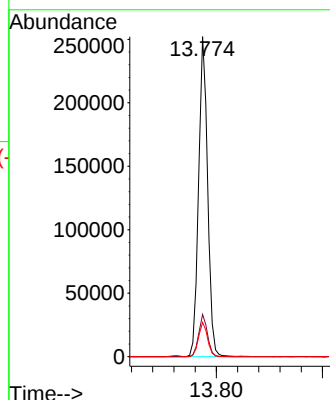
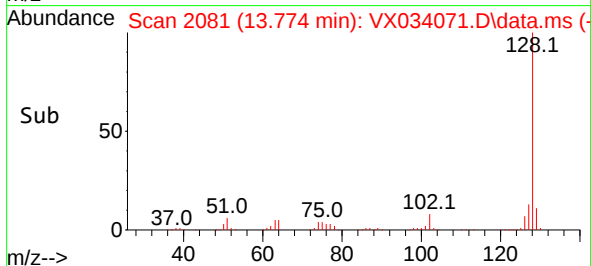
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



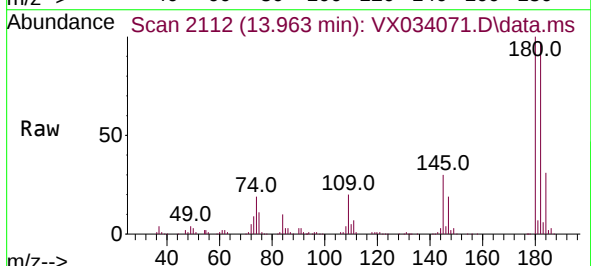
Tgt Ion:128 Resp: 298119
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.580 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034071.D
Acq: 07 Feb 2023 19:11



Tgt Ion:180 Resp: 104047
Ion Ratio Lower Upper
180 100
182 97.3 47.6 142.9
145 30.5 15.1 45.3

