

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030342.D
 Acq On : 29 Mar 2023 21:26
 Operator : SY/MD
 Sample : 02099-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MS

Quant Time: Mar 30 02:15:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.564	114	135310	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.799	117	135087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	76041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	39212	4.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	40023	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.060	63	102094	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.915	46	40081	17.304	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	34.600%#
24) Chloroform-d	4.259	84	109364	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.963	65	52647	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.966	84	182253	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.018	67	57792	4.849	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.262	98	171686	4.911	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.574	79	18951	4.223	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.056	63	94123	52.202	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.400%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	47452	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	62926	4.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	83698	4.866	ug/L	99
3) Chloromethane	1.211	50	108359	4.992	ug/L	99
5) Vinyl chloride	1.278	62	78028	4.931	ug/L	100
6) Bromomethane	1.487	94	23535	5.215	ug/L	100
8) Chloroethane	1.548	64	46696	5.152	ug/L	97
9) Trichlorofluoromethane	1.712	101	117090	5.076	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	61103	4.799	ug/L	98
12) 1,1-Dichloroethene	2.069	96	57509	5.087	ug/L	92
13) Acetone	2.188	43	3405	1.537	ug/L	91
14) Carbon disulfide	2.240	76	175689	4.718	ug/L	100
15) Methyl Acetate	2.423	43	34154	8.629	ug/L #	76
16) Methylene chloride	2.452	84	56645	4.236	ug/L	94
17) Methyl tert-butyl Ether	2.735	73	198193	8.277	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	60685	5.095	ug/L	99
19) 1,1-Dichloroethane	3.127	63	119925	5.194	ug/L	97
21) 2-Butanone	4.037	43	150679	54.048	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	65789	5.504	ug/L #	92
23) Bromochloromethane	4.153	128	28782	5.156	ug/L	97
25) Chloroform	4.285	83	121055	5.188	ug/L	97

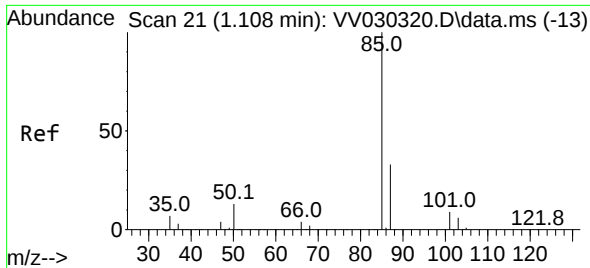
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	123436	8.749	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	111702	5.145	ug/L	99
30) Cyclohexane	4.577	56	92608	4.682	ug/L	97
31) Carbon tetrachloride	4.735	117	96650	4.906	ug/L	98
33) Benzene	5.018	78	253537	5.284	ug/L	100
34) Trichloroethene	5.860	95	62571	4.835	ug/L	98
35) Methylcyclohexane	6.072	83	91703	4.515	ug/L	100
37) 1,2-Dichloropropane	6.124	63	63308	5.140	ug/L	100
38) Bromodichloromethane	6.458	83	80252	4.975	ug/L	97
39) cis-1,3-Dichloropropene	6.976	75	76697	4.428	ug/L	99
40) 4-Methyl-2-pentanone	7.198	43	348353	53.669	ug/L	98
42) Toluene	7.333	91	278895	5.457	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	65157	4.421	ug/L	96
45) 1,1,2-Trichloroethane	7.789	97	42582	4.910	ug/L	98
47) Tetrachloroethene	7.918	164	56376	4.936	ug/L	97
48) 2-Hexanone	8.104	43	254649	52.385	ug/L	98
49) Dibromochloromethane	8.194	129	48862	4.733	ug/L	99
50) 1,2-Dibromoethane	8.301	107	39141	4.960	ug/L	94
51) Chlorobenzene	8.828	112	162329	4.961	ug/L	98
52) Ethylbenzene	8.960	91	274480	4.909	ug/L	99
53) m,p-Xylene	9.085	106	107710	5.032	ug/L	100
54) o-Xylene	9.490	106	99936	4.880	ug/L	99
55) Styrene	9.506	104	174739	5.023	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.191	83	50912	4.945	ug/L	98
59) Bromoform	9.677	173	26371	4.291	ug/L	99
60) Isopropylbenzene	9.876	105	271221	4.837	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	34103	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	209873	4.586	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	220366	4.725	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	134931	4.825	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	134134	4.761	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	121845	4.835	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.378	75	6648	3.931	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	95513	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	75099	4.517	ug/L	99
71) Naphthalene	13.448	128	106703	4.494	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	64410	4.472	ug/L	99

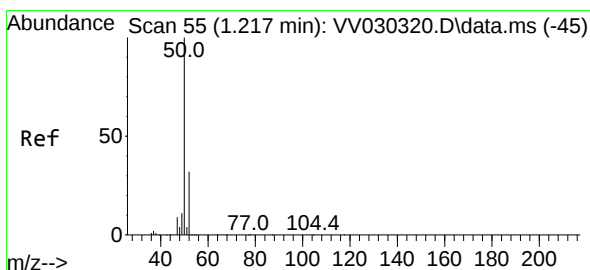
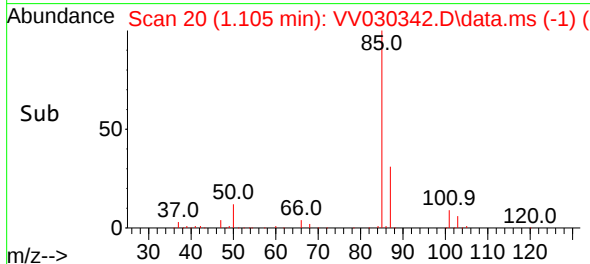
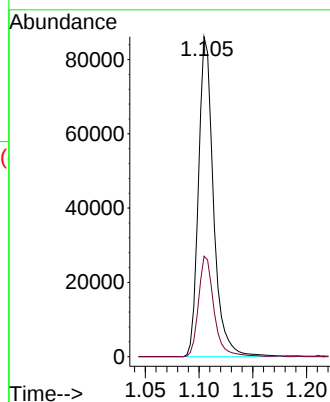
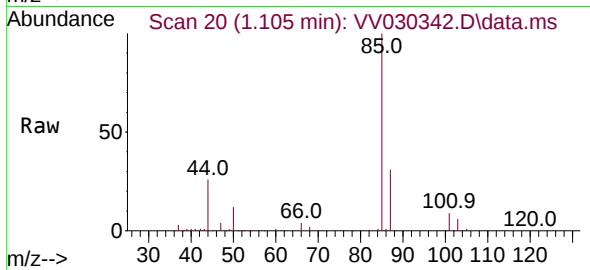
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.866 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

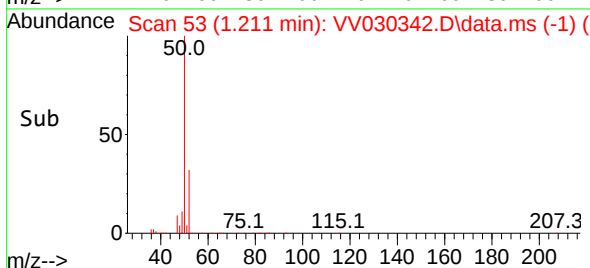
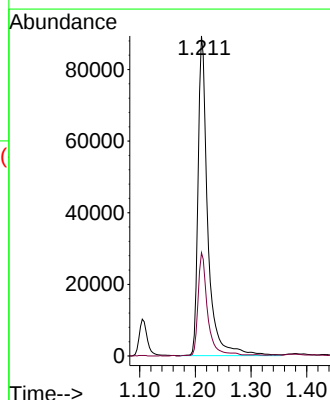
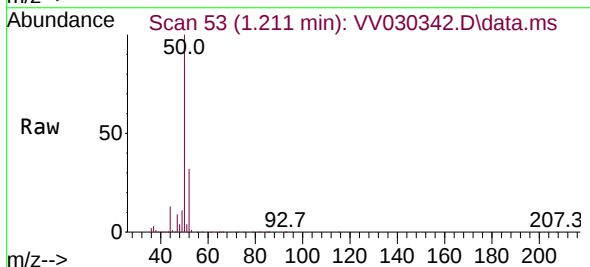
Instrument :
 MSVOA_V
 ClientSampleId :
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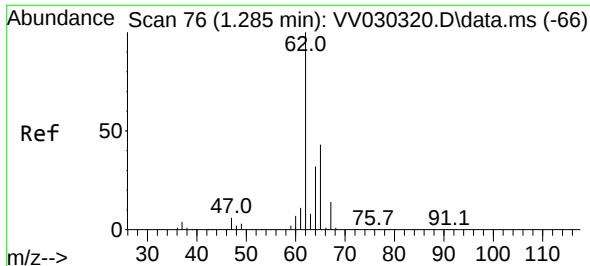
Tgt Ion: 85 Resp: 83698
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.6 38.4



#3
 Chloromethane
 Concen: 4.992 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

Tgt Ion: 50 Resp: 108359
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.3 41.5

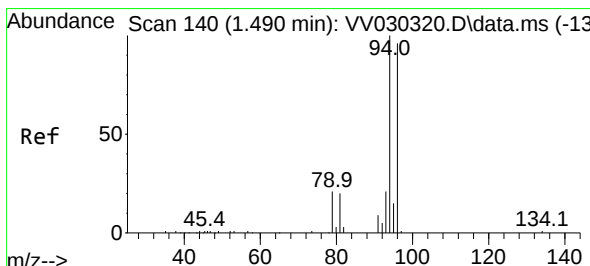
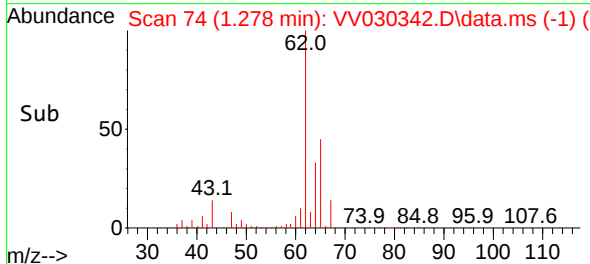
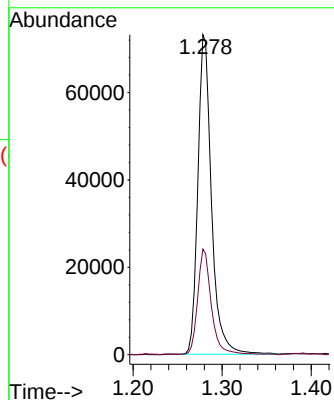
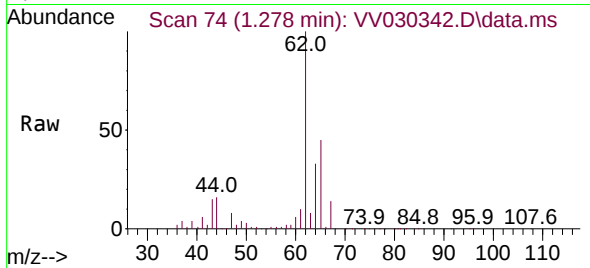




#5
 Vinyl chloride
 Concen: 4.931 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

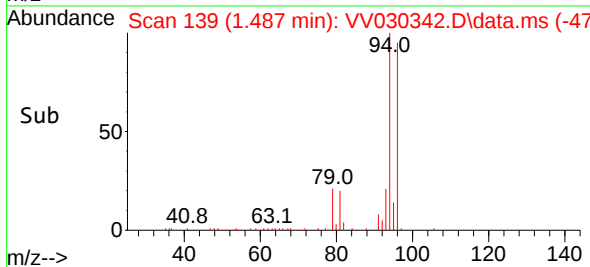
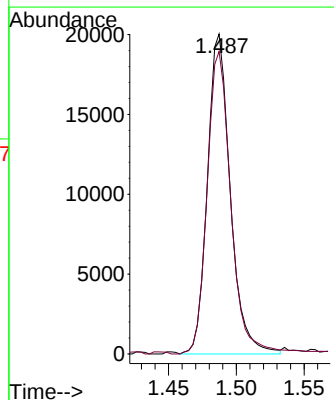
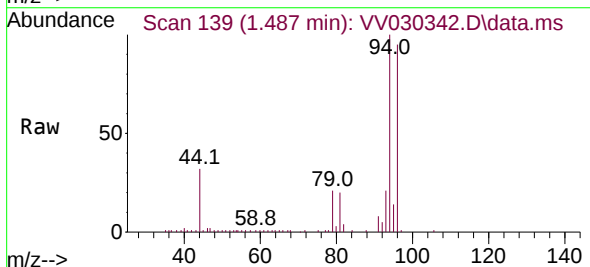
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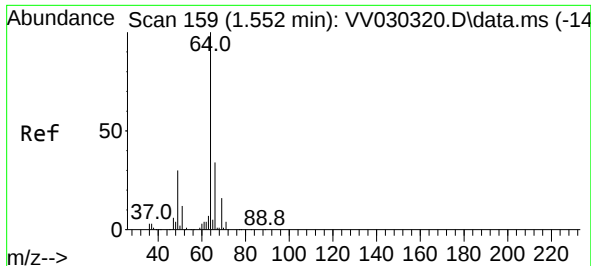
Tgt Ion: 62 Resp: 78028
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 5.215 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

Tgt Ion: 94 Resp: 23535
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.1 122.7

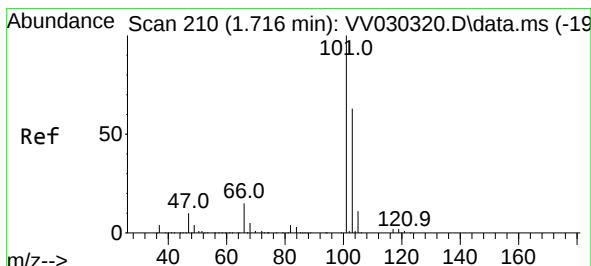
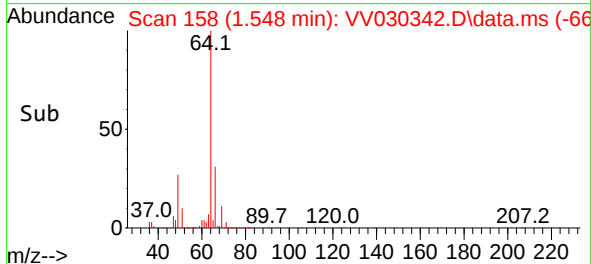
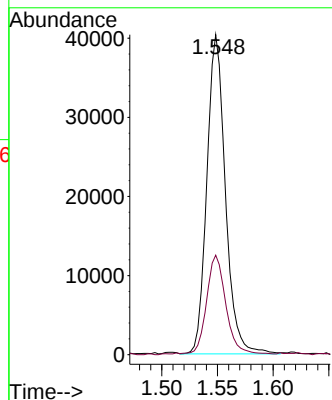
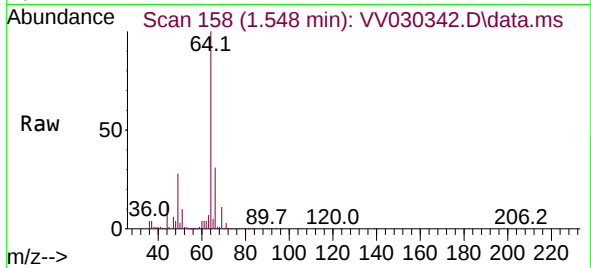




#8
Chloroethane
Concen: 5.152 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

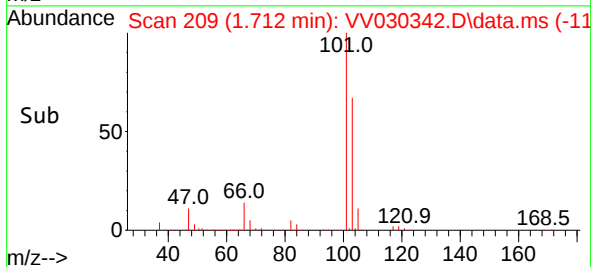
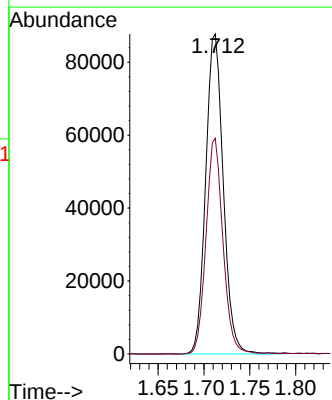
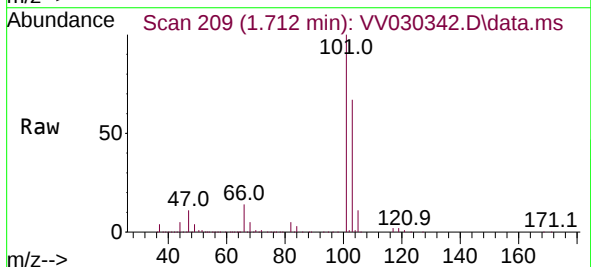
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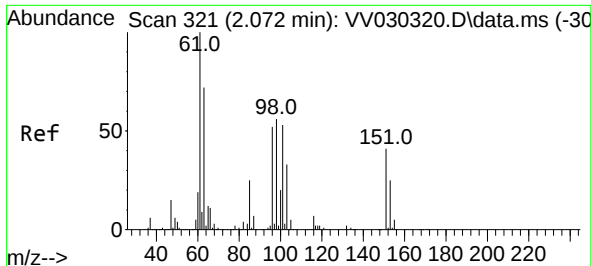
Tgt Ion: 64 Resp: 46696
Ion Ratio Lower Upper
64 100
66 31.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.076 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion:101 Resp: 117090
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6

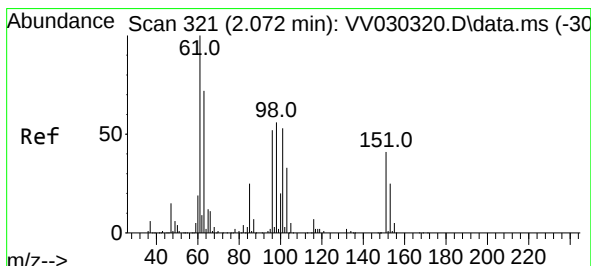
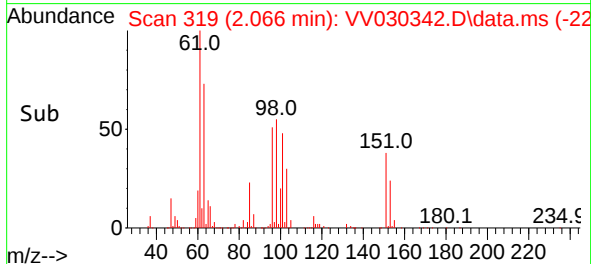
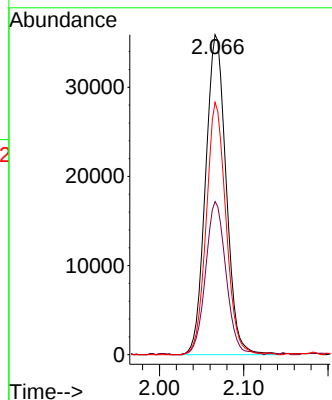
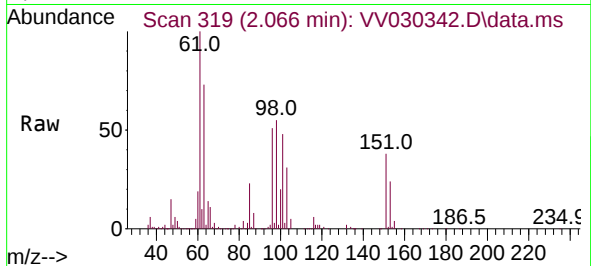




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.799 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

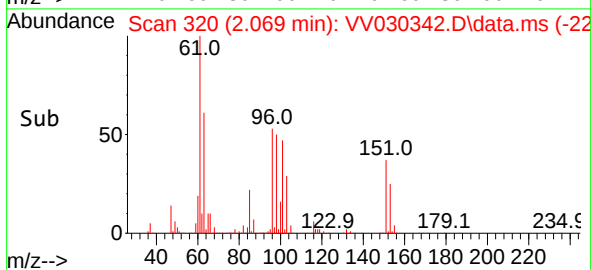
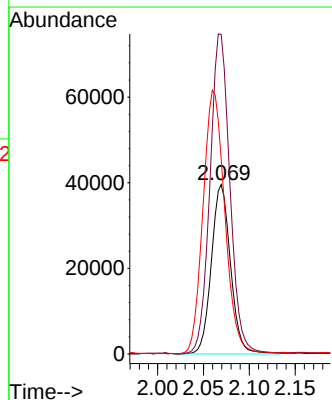
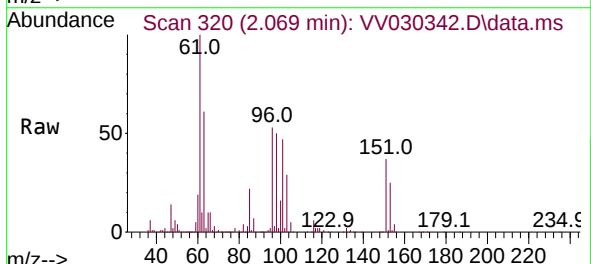
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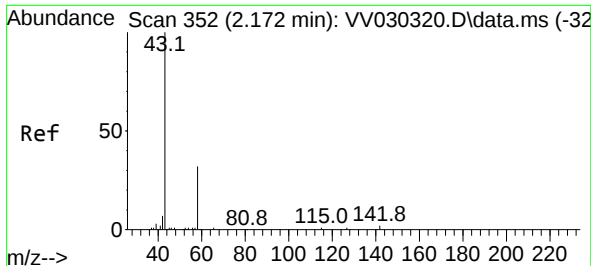
Tgt Ion:101 Resp: 61103
 Ion Ratio Lower Upper
 101 100
 85 47.6 38.1 57.1
 151 75.3 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.087 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

Tgt Ion: 96 Resp: 57509
 Ion Ratio Lower Upper
 96 100
 61 188.7 136.3 253.1
 63 115.4 92.1 171.1





#13

Acetone

Concen: 1.537 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.016 min

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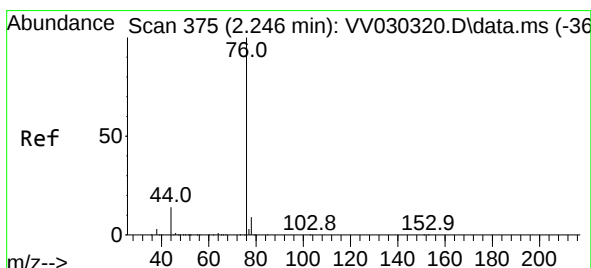
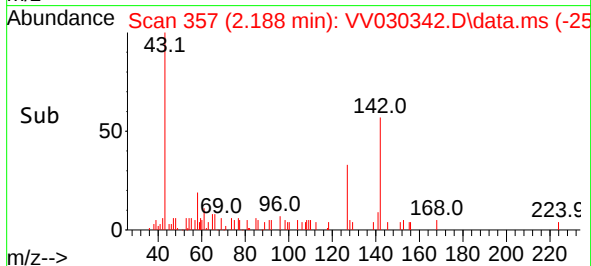
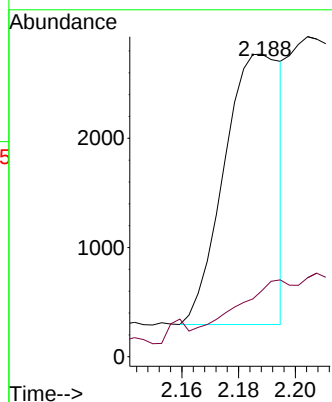
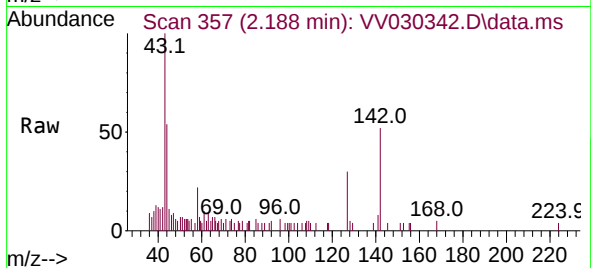
H0AB0MS

Tgt Ion: 43 Resp: 3405

Ion Ratio Lower Upper

43 100

58 16.3 0.0 40.8



#14

Carbon disulfide

Concen: 4.718 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.006 min

Lab File: VV030342.D

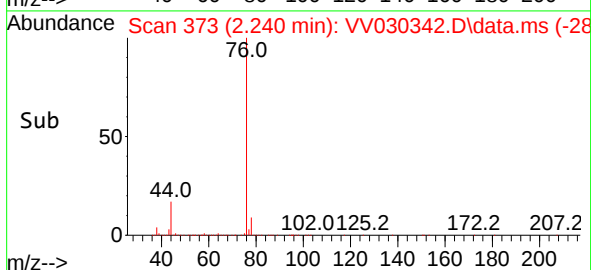
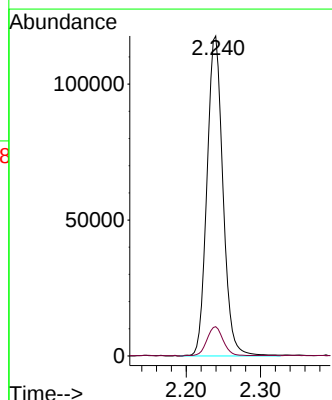
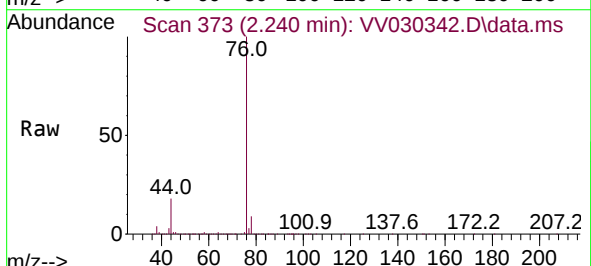
Acq: 29 Mar 2023 21:26

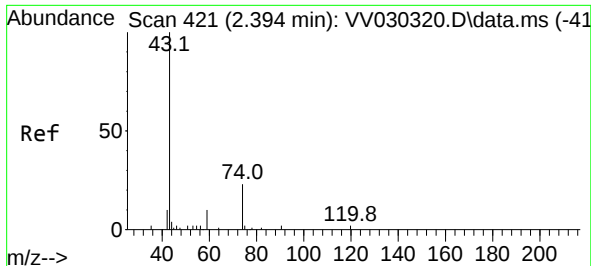
Tgt Ion: 76 Resp: 175689

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

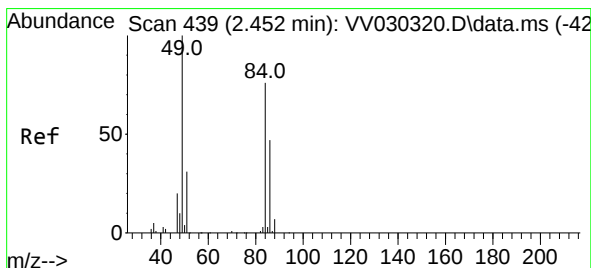
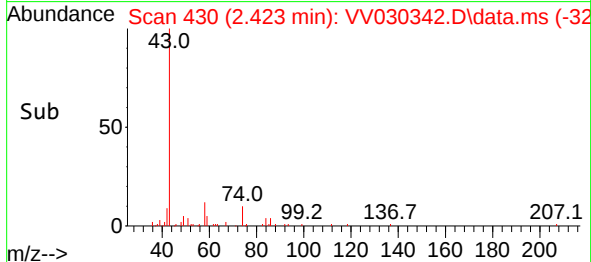
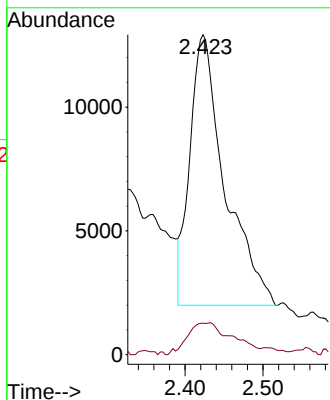
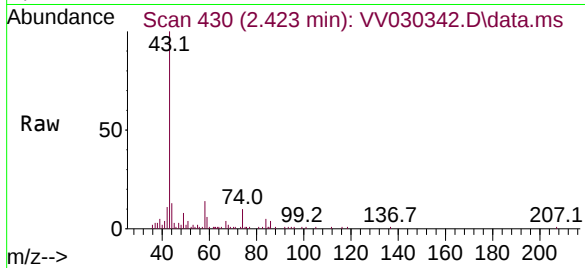




#15
Methyl Acetate
Concen: 8.629 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.029 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

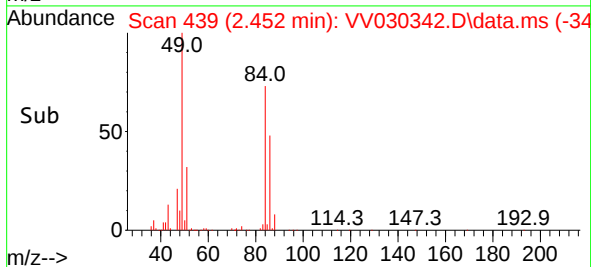
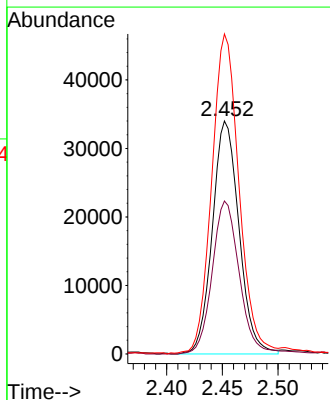
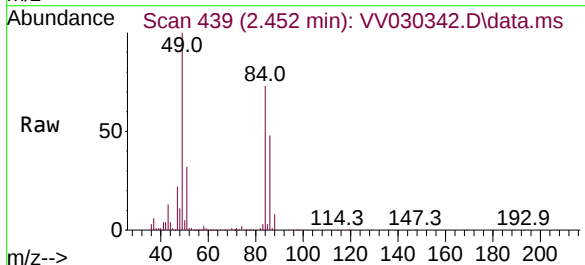
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

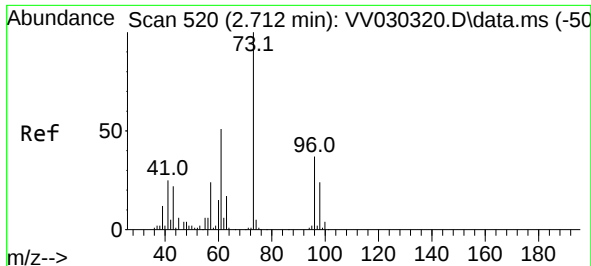
Tgt Ion: 43 Resp: 34154
Ion Ratio Lower Upper
43 100
74 15.1 22.1 33.1#



#16
Methylene chloride
Concen: 4.236 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 84 Resp: 56645
Ion Ratio Lower Upper
84 100
86 65.7 44.0 81.6
49 137.4 90.6 168.3

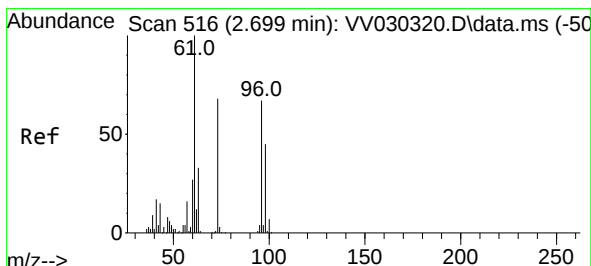
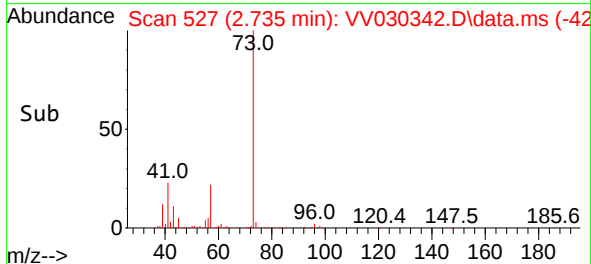
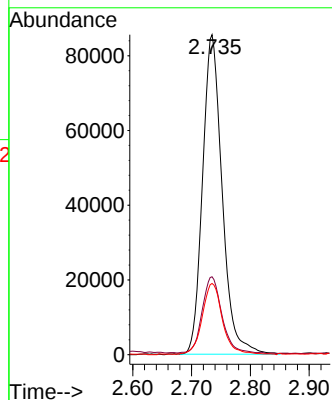
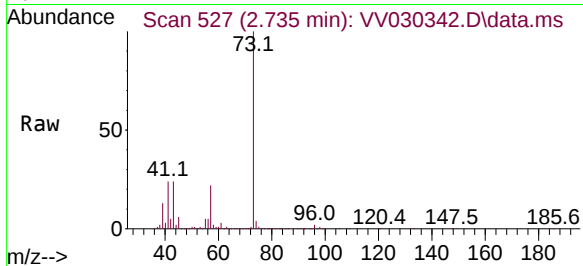




#17
Methyl tert-butyl Ether
Concen: 8.277 ug/L
RT: 2.735 min Scan# 517
Delta R.T. 0.023 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

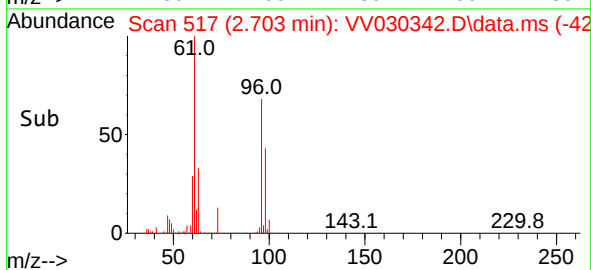
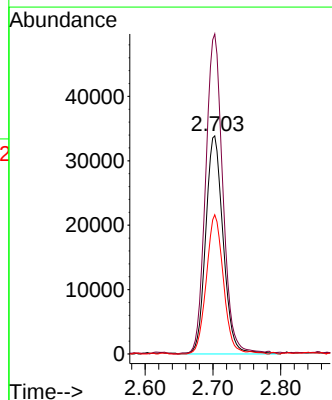
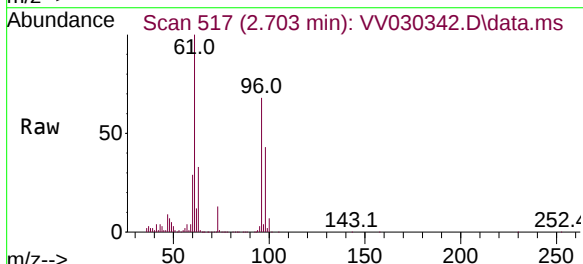
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

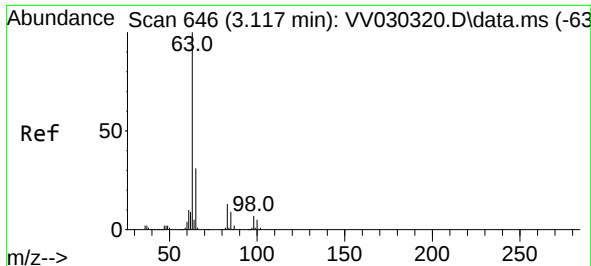
Tgt Ion: 73 Resp: 198193
Ion Ratio Lower Upper
73 100
43 23.7 17.4 26.2
57 22.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.095 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 96 Resp: 60685
Ion Ratio Lower Upper
96 100
61 146.7 101.7 188.9
98 63.8 45.8 85.2





#19

1,1-Dichloroethane

Concen: 5.194 ug/L

RT: 3.127 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MS

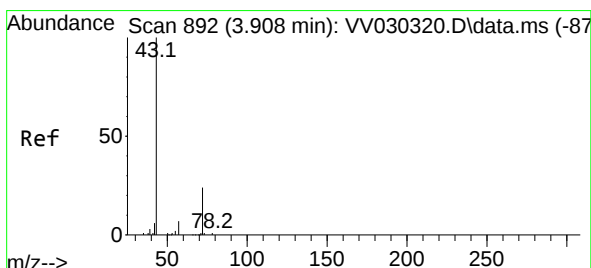
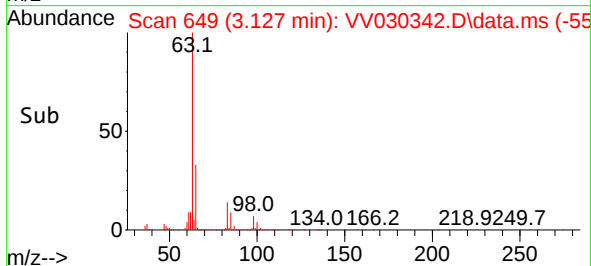
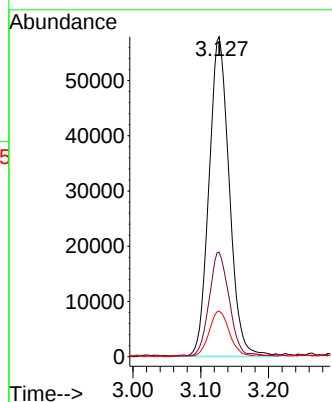
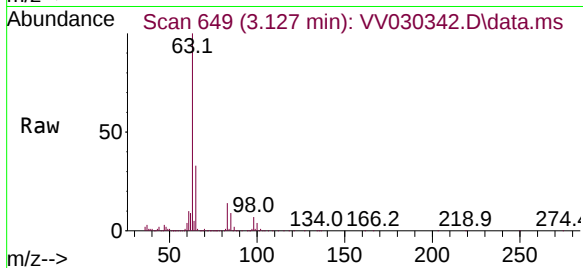
Tgt Ion: 63 Resp: 119925

Ion Ratio Lower Upper

63 100

65 32.7 21.7 40.3

83 14.3 9.1 16.9



#21

2-Butanone

Concen: 54.048 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.129 min

Lab File: VV030342.D

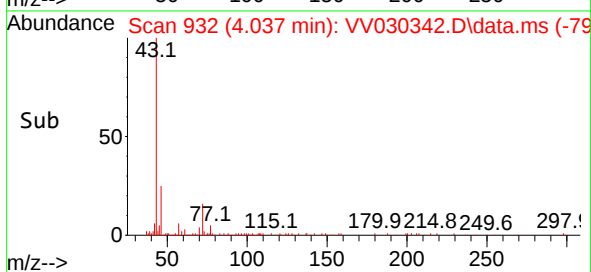
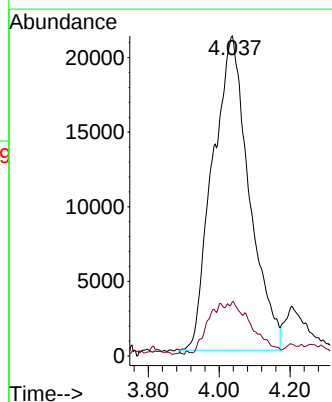
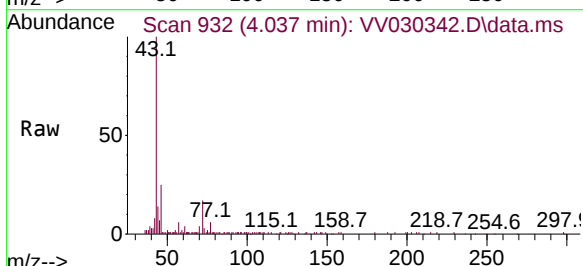
Acq: 29 Mar 2023 21:26

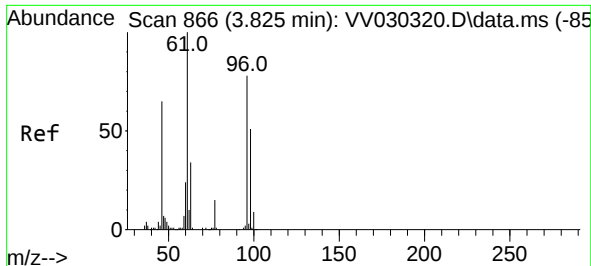
Tgt Ion: 43 Resp: 150679

Ion Ratio Lower Upper

43 100

72 0.5 11.2 33.5#

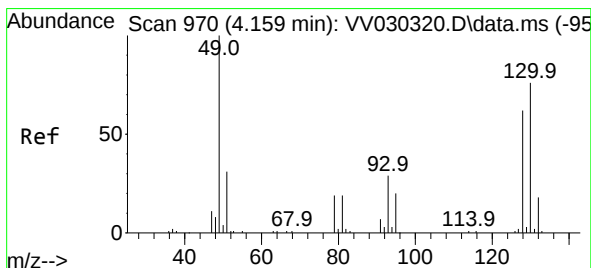
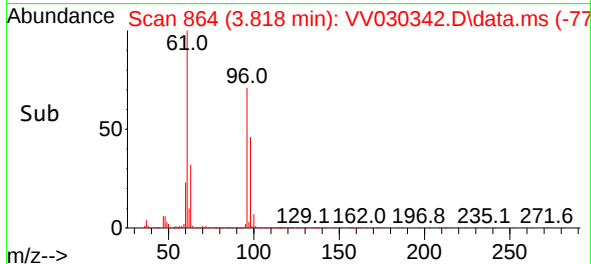
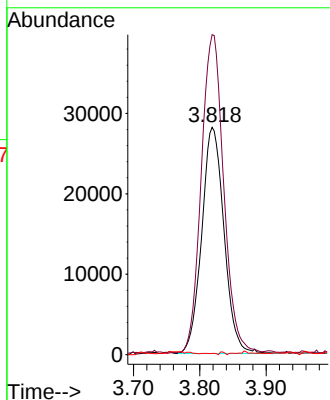
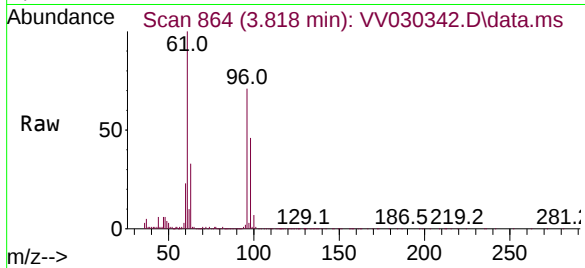




#22
 cis-1,2-Dichloroethene
 Concen: 5.504 ug/L
 RT: 3.818 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

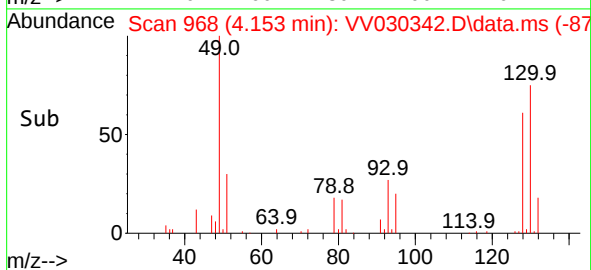
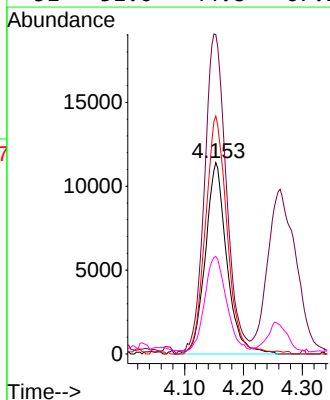
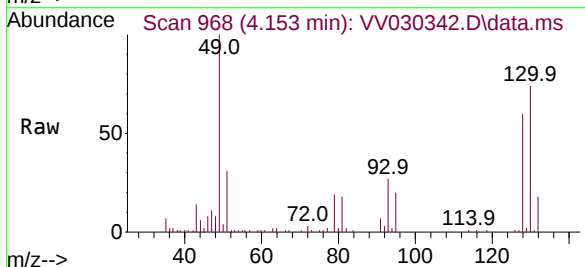
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MS

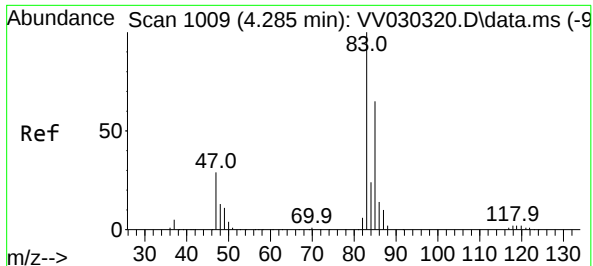
Tgt Ion: 96 Resp: 65789
 Ion Ratio Lower Upper
 96 100
 61 140.7 92.0 170.8
 68 0.5 0.0 0.0#



#23
 Bromochloromethane
 Concen: 5.156 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

Tgt Ion: 128 Resp: 28782
 Ion Ratio Lower Upper
 128 100
 49 167.1 119.4 221.8
 130 124.3 89.2 165.8
 51 51.0 44.8 67.2

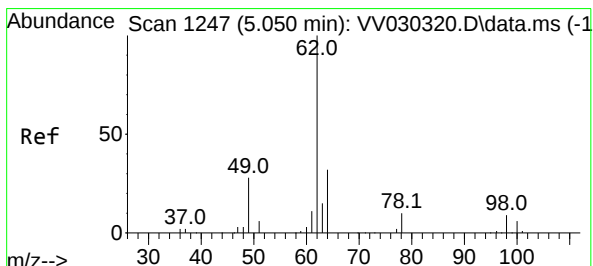
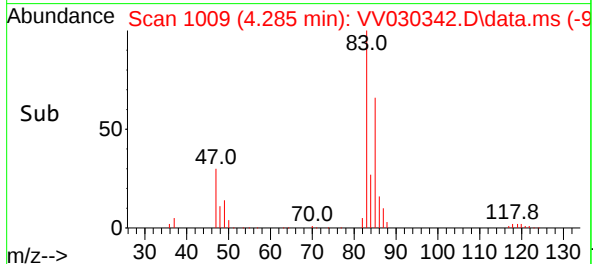
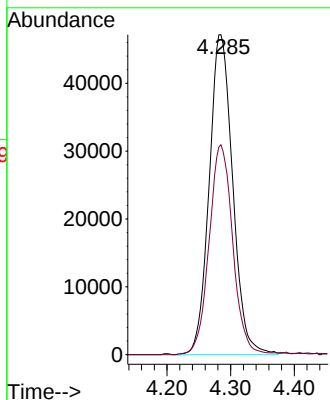
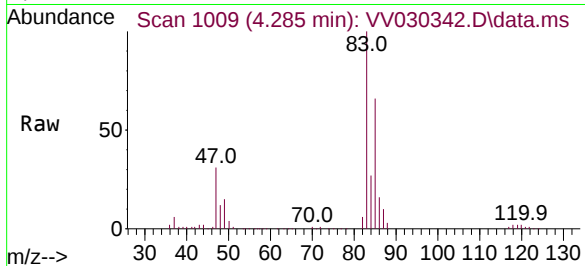




#25
Chloroform
Concen: 5.188 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

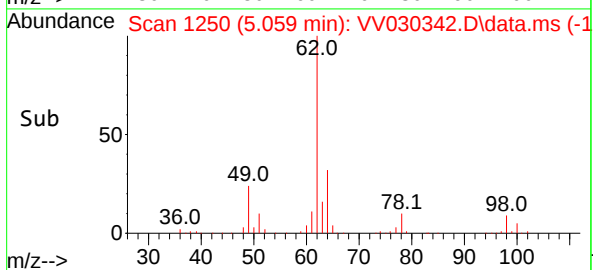
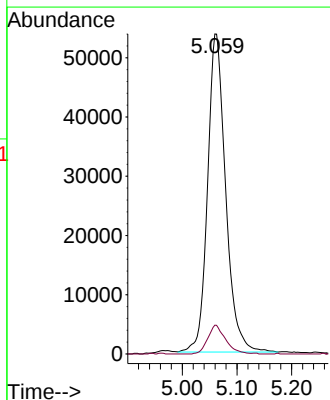
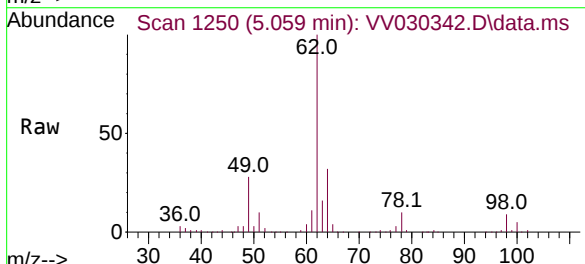
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

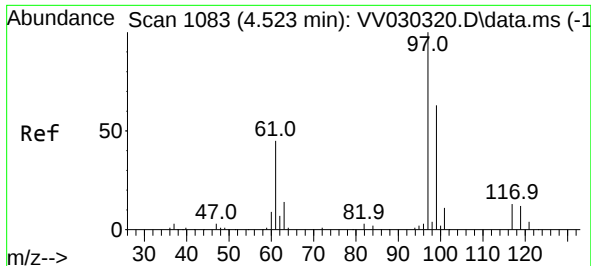
Tgt Ion: 83 Resp: 121055
Ion Ratio Lower Upper
83 100
85 65.6 47.6 88.4



#27
1,2-Dichloroethane
Concen: 8.749 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.010 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 62 Resp: 123436
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.145 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.010 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MS

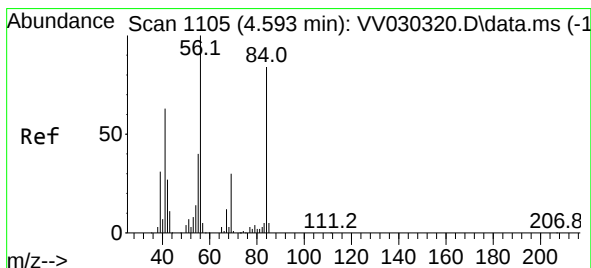
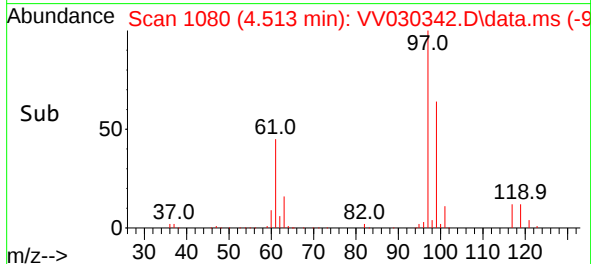
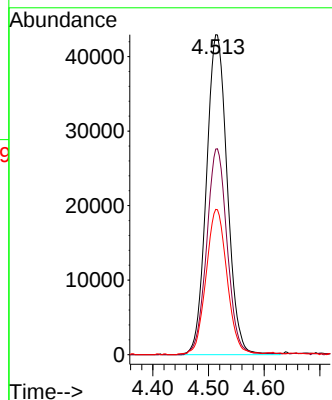
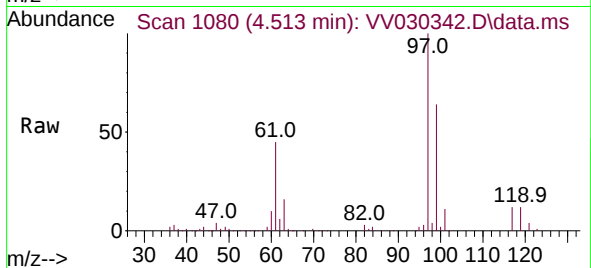
Tgt Ion: 97 Resp: 111702

Ion Ratio Lower Upper

97 100

99 63.3 50.9 76.3

61 45.9 35.9 53.9



#30

Cyclohexane

Concen: 4.682 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.016 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

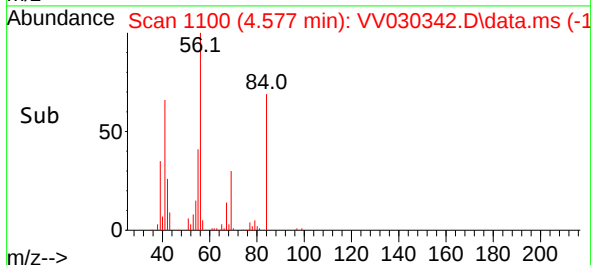
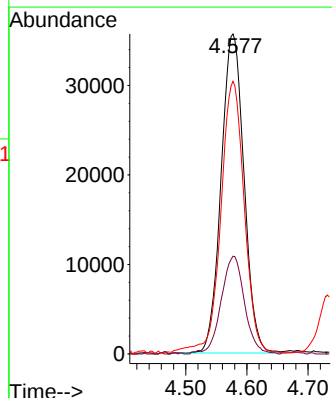
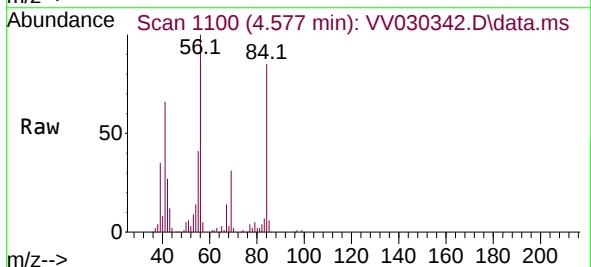
Tgt Ion: 56 Resp: 92608

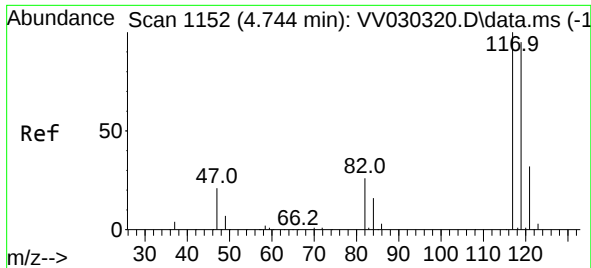
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 86.5 66.6 100.0

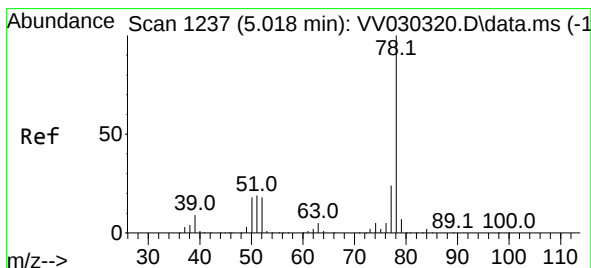
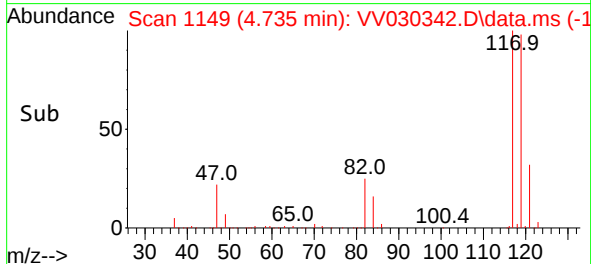
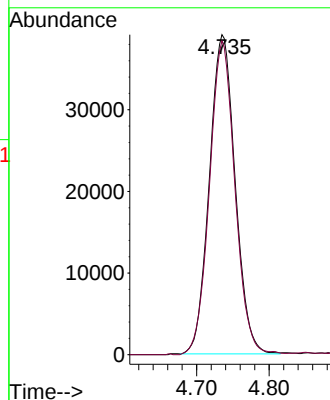
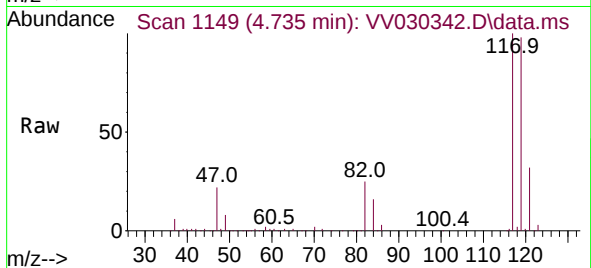




#31
Carbon tetrachloride
Concen: 4.906 ug/L
RT: 4.735 min Scan# 1152
Delta R.T. -0.010 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

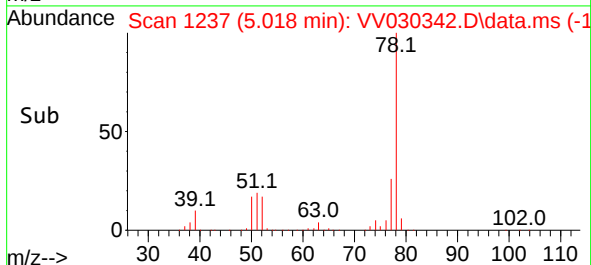
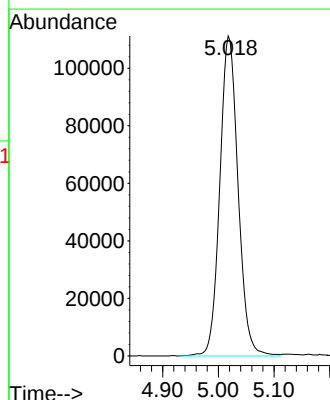
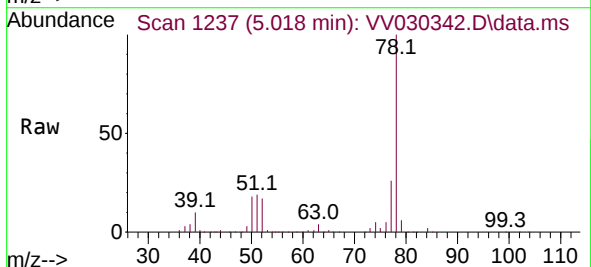
Instrument : MSVOA_V
ClientSampleId : H0AB0MS

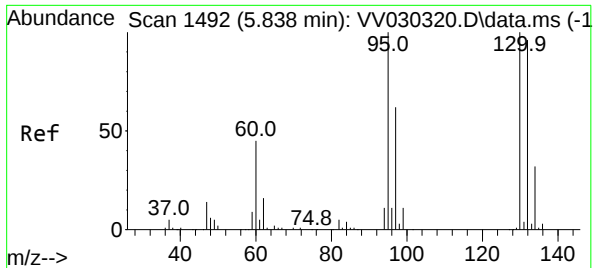
Tgt Ion:117 Resp: 96650
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 5.284 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 78 Resp: 253537



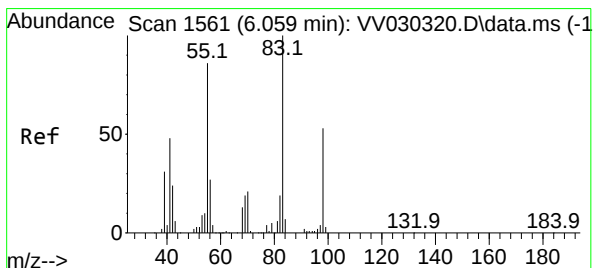
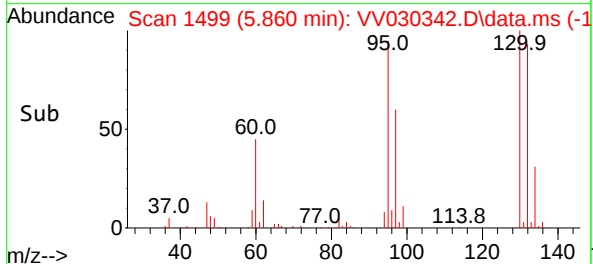
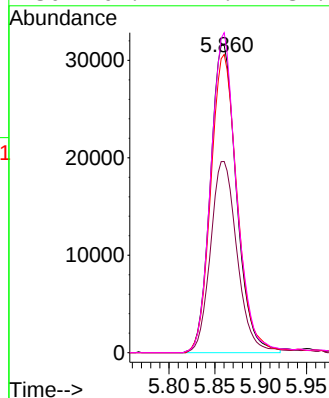
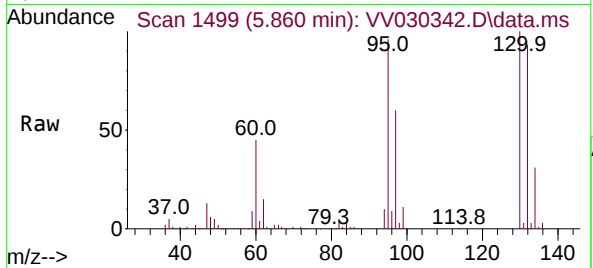


#34
Trichloroethene
Concen: 4.835 ug/L
RT: 5.860 min Scan# 1499
Delta R.T. 0.023 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 95 Resp: 62571

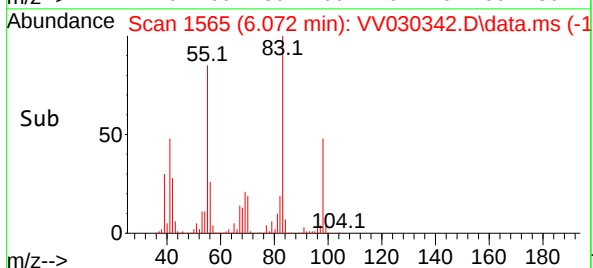
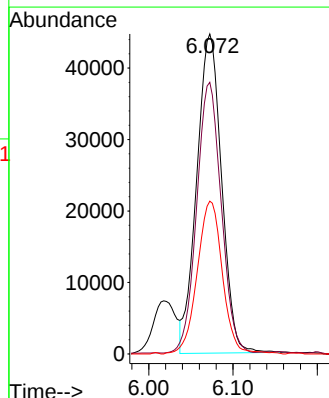
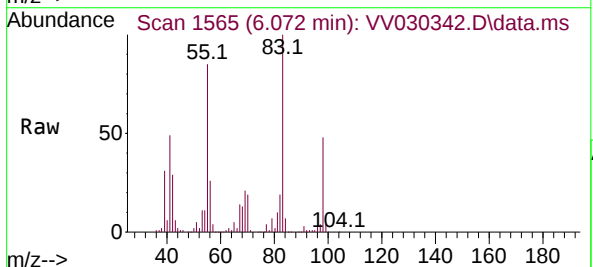
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.2	82.2
132	97.0	69.5	129.1
130	104.1	72.2	134.0

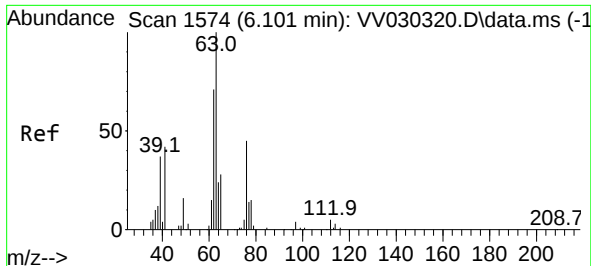


#35
Methylcyclohexane
Concen: 4.515 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. 0.013 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 83 Resp: 91703

Ion	Ratio	Lower	Upper
83	100		
55	83.7	66.6	100.0
98	48.6	38.6	58.0





#37

1,2-Dichloropropane

Concen: 5.140 ug/L

RT: 6.124 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

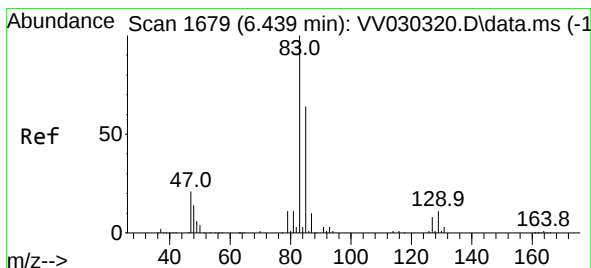
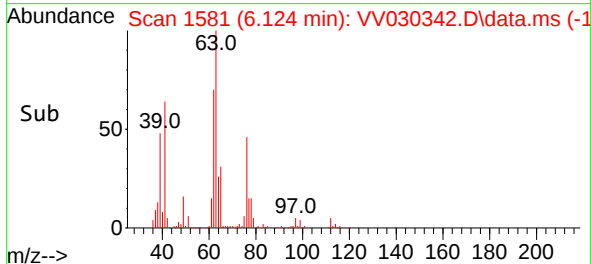
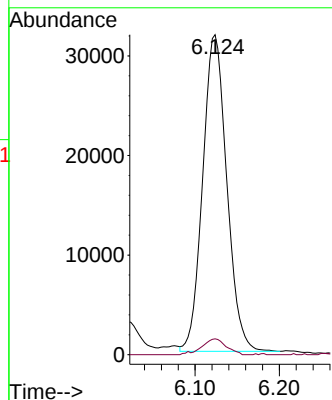
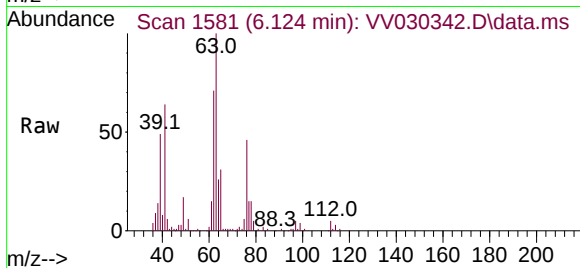
H0AB0MS

Tgt Ion: 63 Resp: 63308

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 4.975 ug/L

RT: 6.458 min Scan# 1685

Delta R.T. 0.019 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

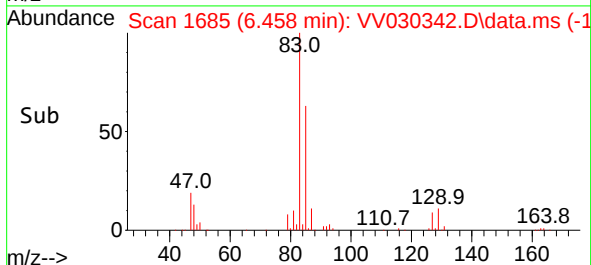
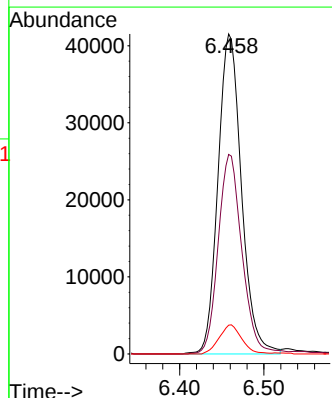
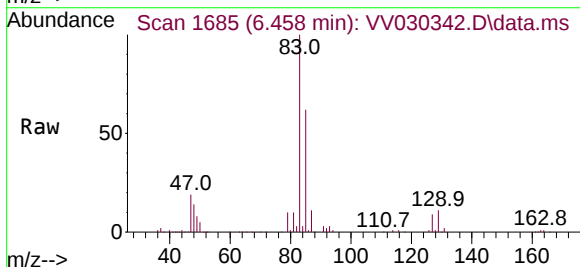
Tgt Ion: 83 Resp: 80252

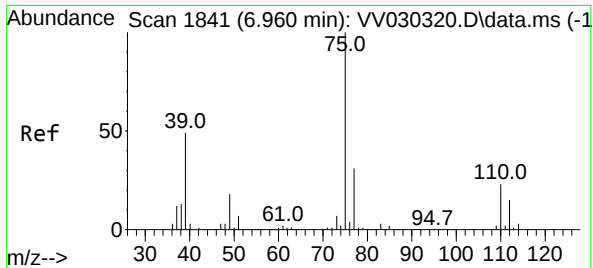
Ion Ratio Lower Upper

83 100

85 62.4 45.3 84.1

127 9.0 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.428 ug/L

RT: 6.976 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

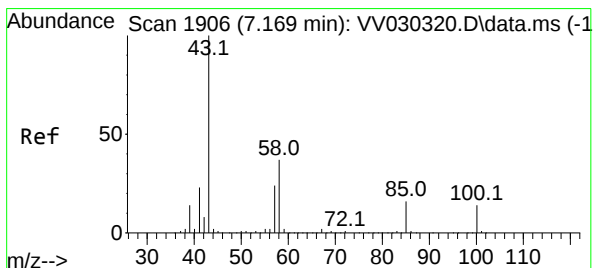
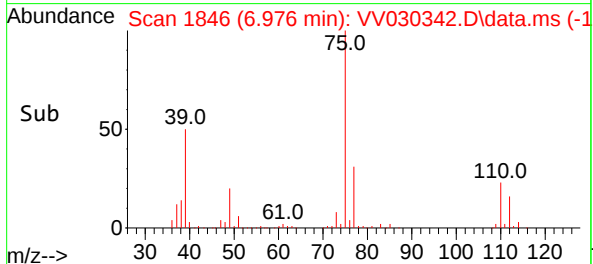
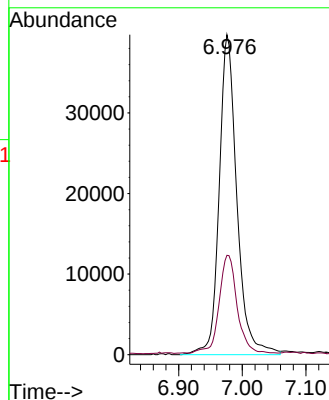
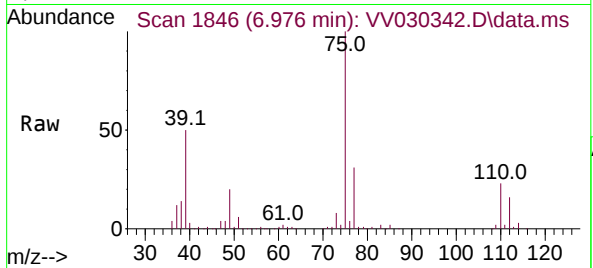
H0AB0MS

Tgt Ion: 75 Resp: 76697

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.669 ug/L

RT: 7.198 min Scan# 1915

Delta R.T. 0.029 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

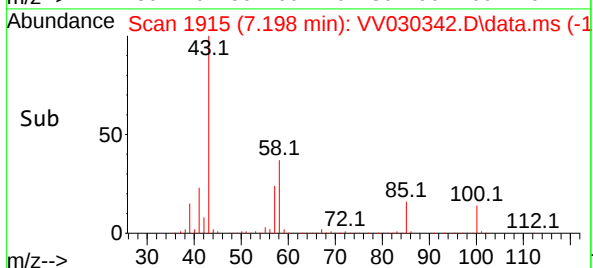
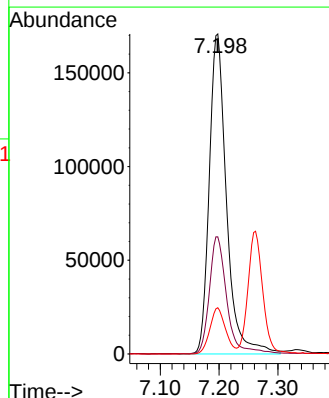
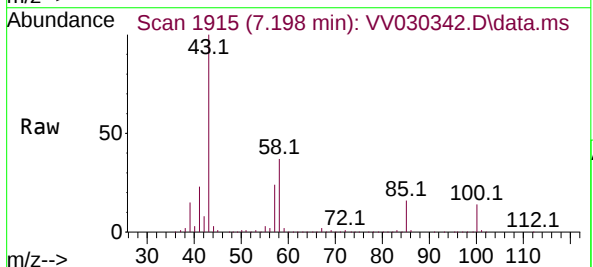
Tgt Ion: 43 Resp: 348353

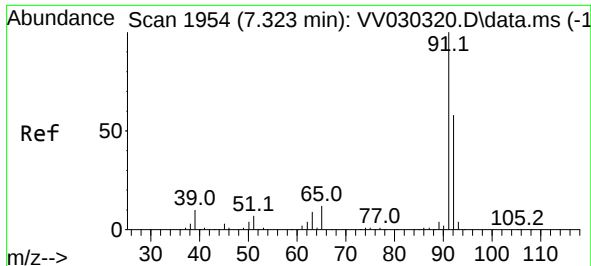
Ion Ratio Lower Upper

43 100

58 37.2 28.8 43.2

100 13.2 10.7 16.1





#42

Toluene

Concen: 5.457 ug/L

RT: 7.333 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

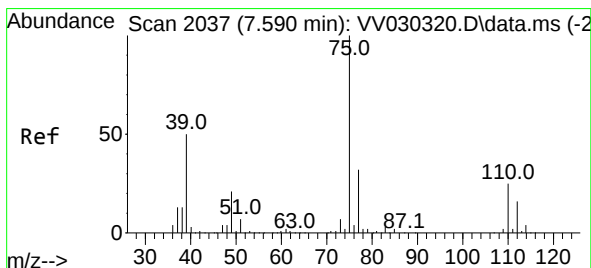
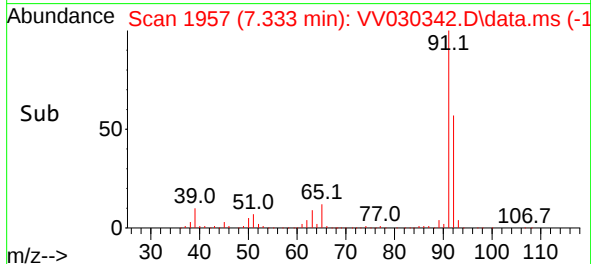
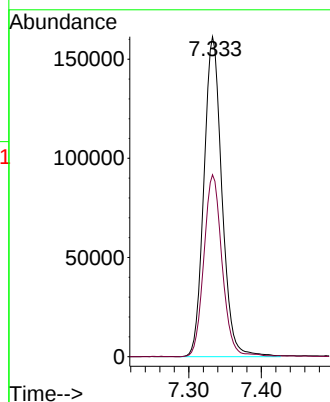
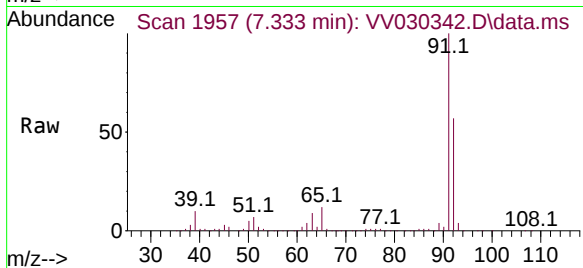
H0AB0MS

Tgt Ion: 91 Resp: 278895

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.421 ug/L

RT: 7.600 min Scan# 2040

Delta R.T. 0.010 min

Lab File: VV030342.D

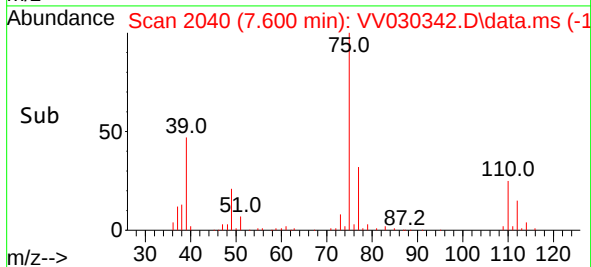
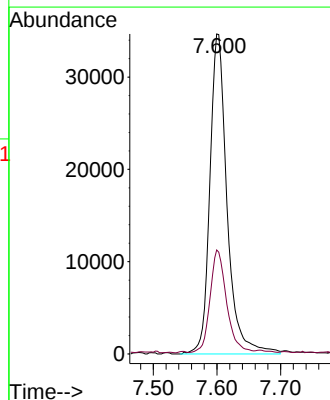
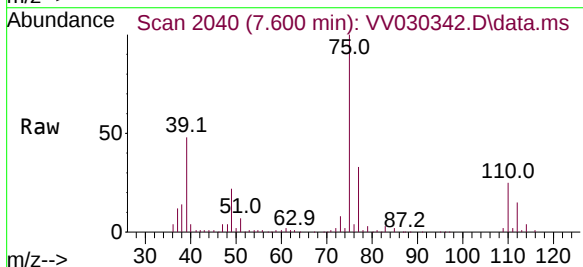
Acq: 29 Mar 2023 21:26

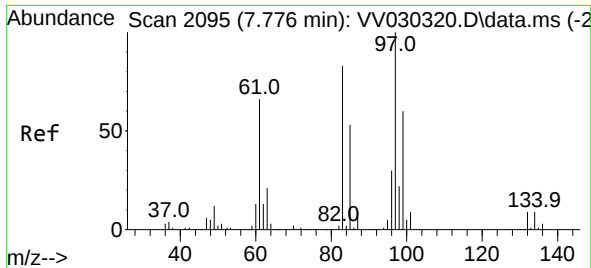
Tgt Ion: 75 Resp: 65157

Ion Ratio Lower Upper

75 100

77 32.5 21.2 39.4



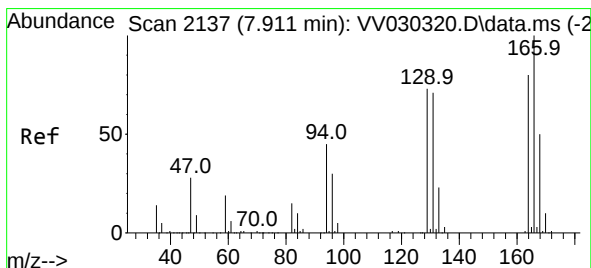
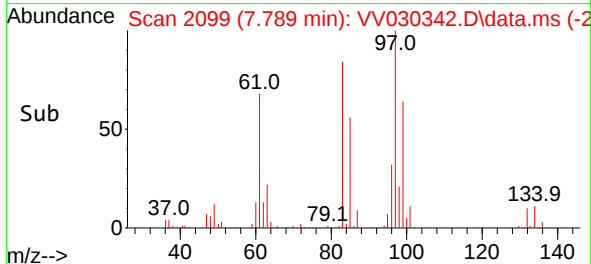
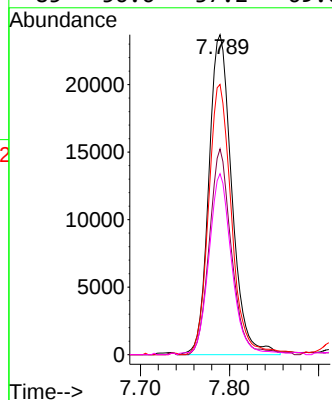
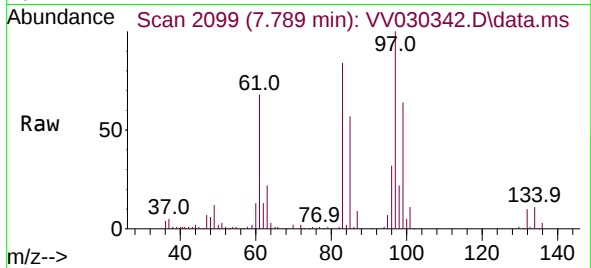


#45
1,1,2-Trichloroethane
Concen: 4.910 ug/L
RT: 7.789 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 97 Resp: 42582

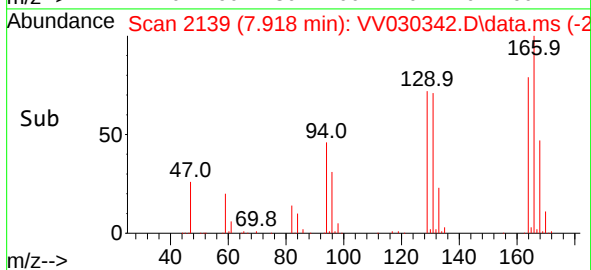
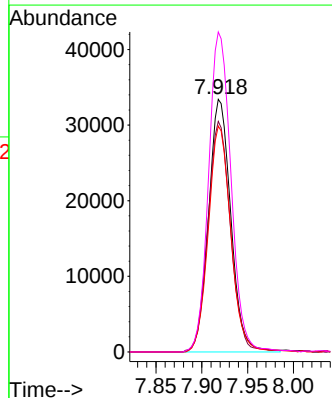
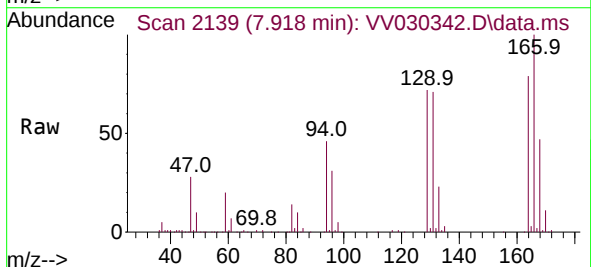
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.0	81.8
83	84.5	58.8	109.2
85	56.6	37.2	69.0

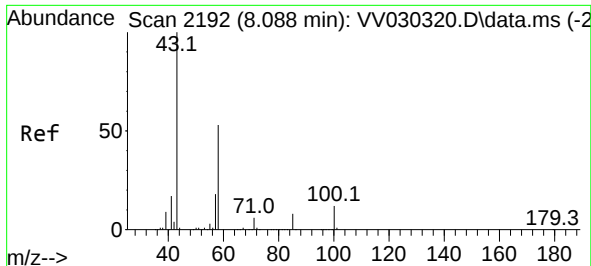


#47
Tetrachloroethene
Concen: 4.936 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 164 Resp: 56376

Ion	Ratio	Lower	Upper
164	100		
129	91.2	60.8	112.8
131	89.4	61.7	114.7
166	126.6	85.6	159.0

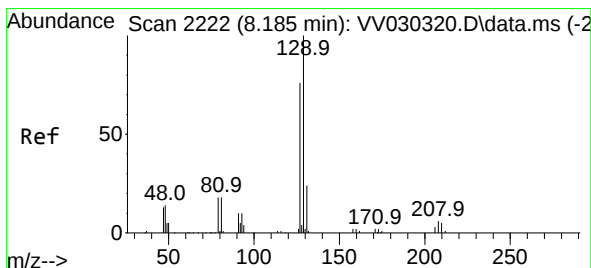
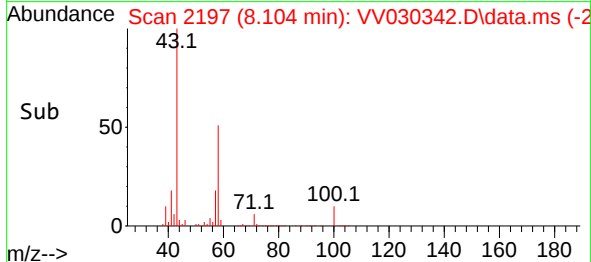
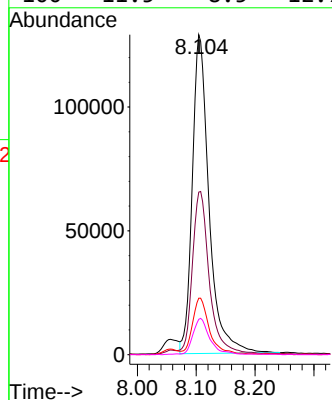
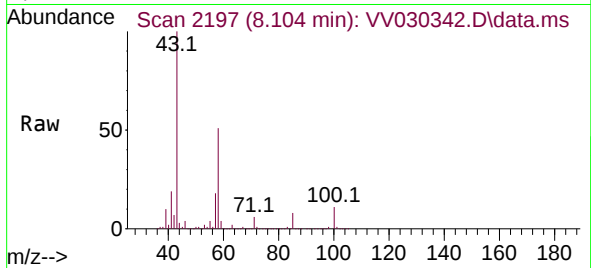




#48
2-Hexanone
Concen: 52.385 ug/L
RT: 8.104 min Scan# 2197
Delta R.T. 0.016 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

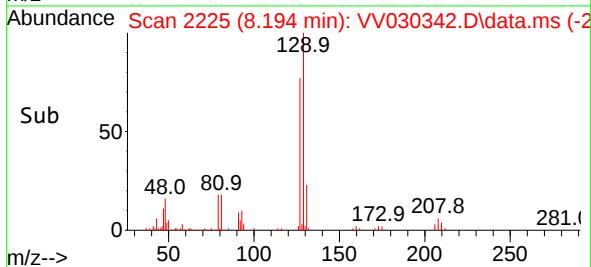
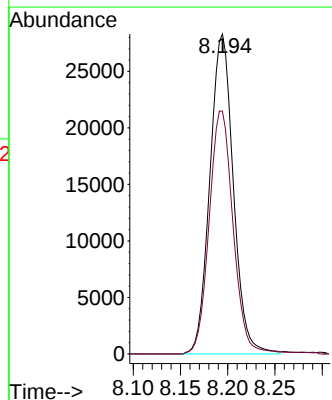
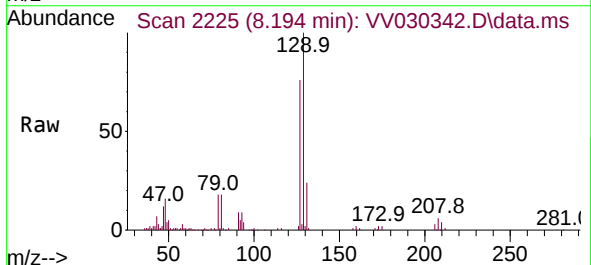
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

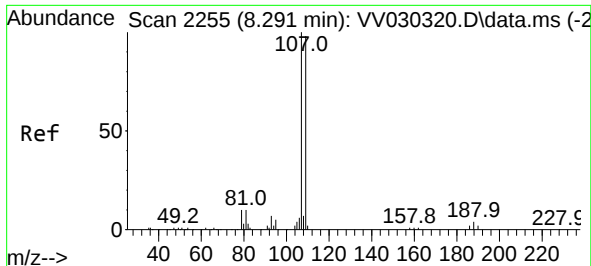
Tgt Ion: 43 Resp: 254649
Ion Ratio Lower Upper
43 100
58 51.1 40.3 60.5
57 17.0 14.6 22.0
100 11.5 8.5 12.7



#49
Dibromochloromethane
Concen: 4.733 ug/L
RT: 8.194 min Scan# 2225
Delta R.T. 0.010 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 129 Resp: 48862
Ion Ratio Lower Upper
129 100
127 75.9 52.7 97.9





#50

1,2-Dibromoethane

Concen: 4.960 ug/L

RT: 8.301 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MS

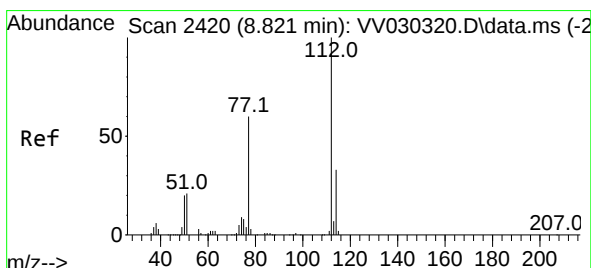
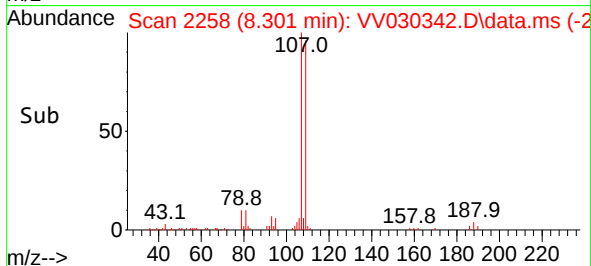
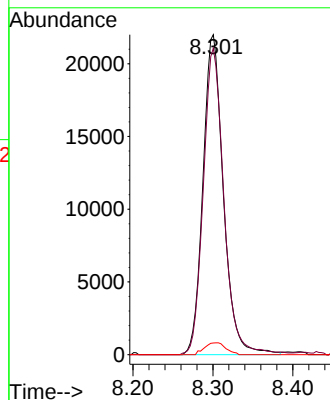
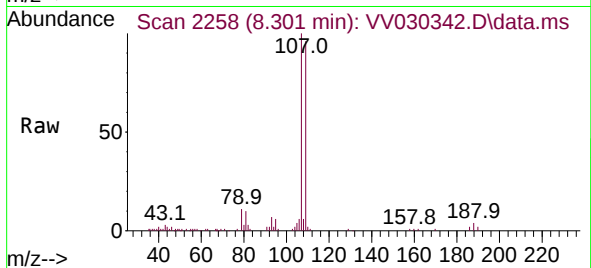
Tgt Ion:107 Resp: 39141

Ion Ratio Lower Upper

107 100

109 95.7 62.9 116.9

188 3.7 3.0 4.6



#51

Chlorobenzene

Concen: 4.961 ug/L

RT: 8.828 min Scan# 2422

Delta R.T. 0.006 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

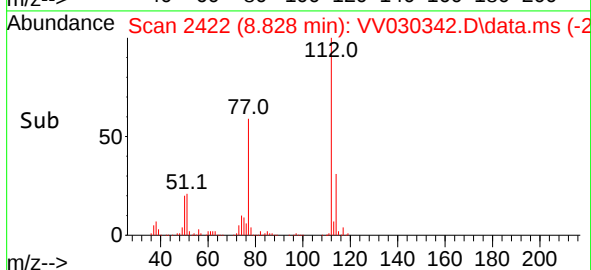
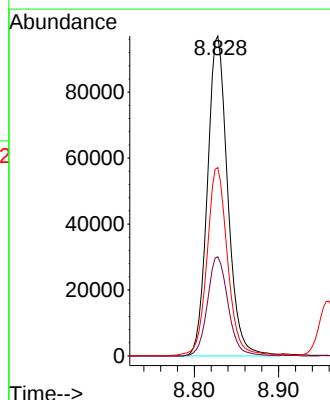
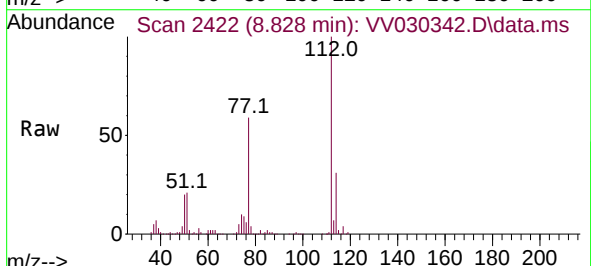
Tgt Ion:112 Resp: 162329

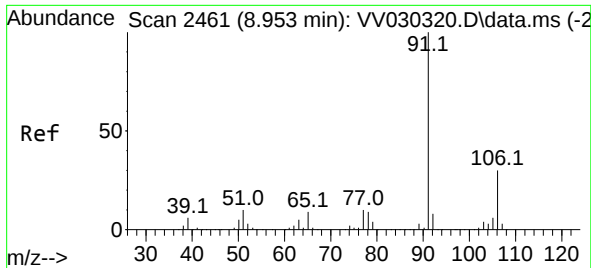
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 58.8 45.9 68.9





#52

Ethylbenzene

Concen: 4.909 ug/L

RT: 8.960 min Scan# 24

Delta R.T. 0.006 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

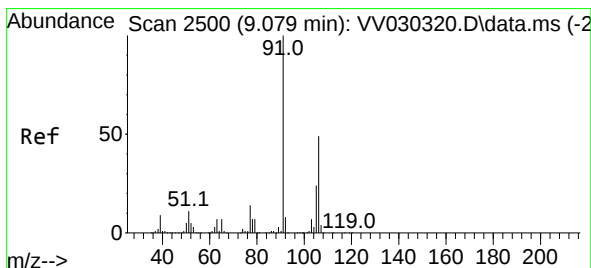
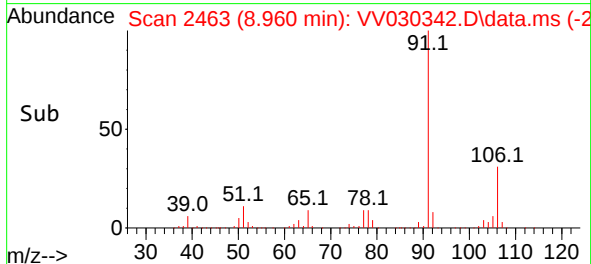
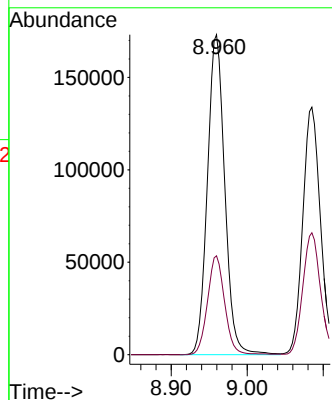
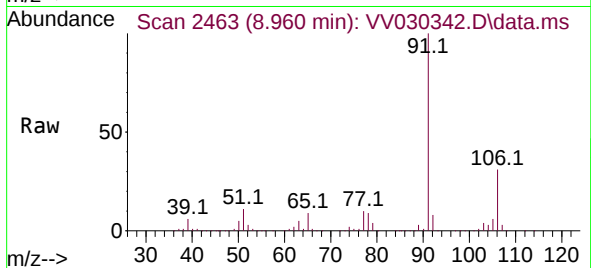
H0AB0MS

Tgt Ion: 91 Resp: 274480

Ion Ratio Lower Upper

91 100

106 30.9 22.2 41.2



#53

m,p-Xylene

Concen: 5.032 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.006 min

Lab File: VV030342.D

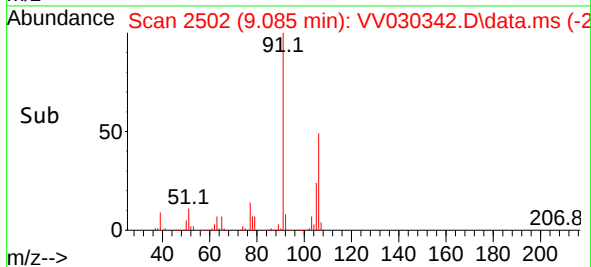
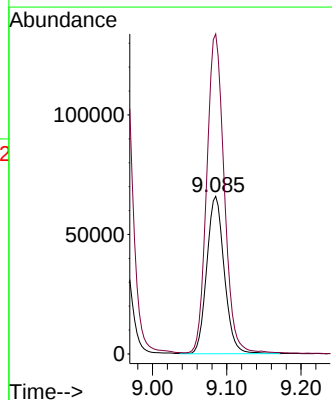
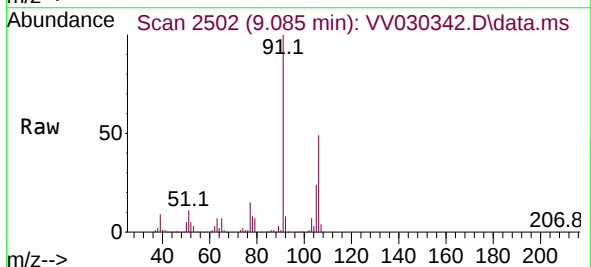
Acq: 29 Mar 2023 21:26

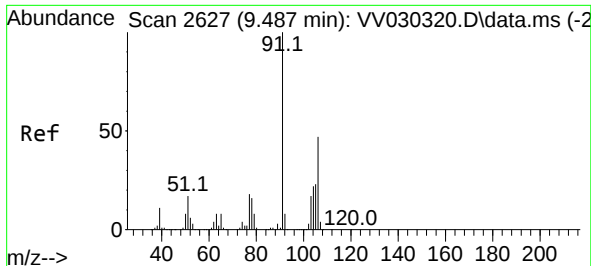
Tgt Ion:106 Resp: 107710

Ion Ratio Lower Upper

106 100

91 203.1 142.4 264.4

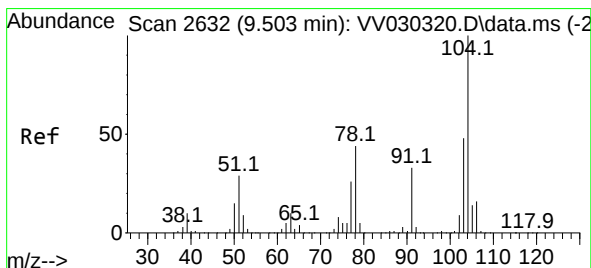
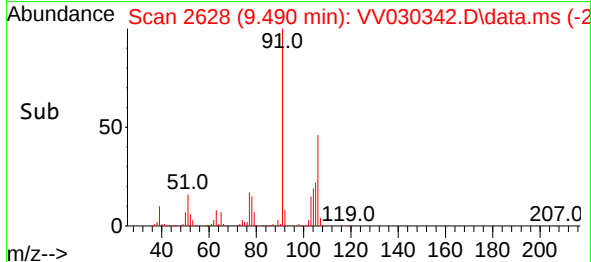
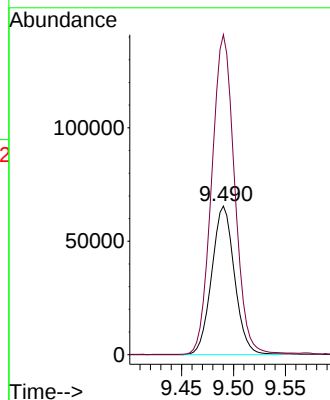
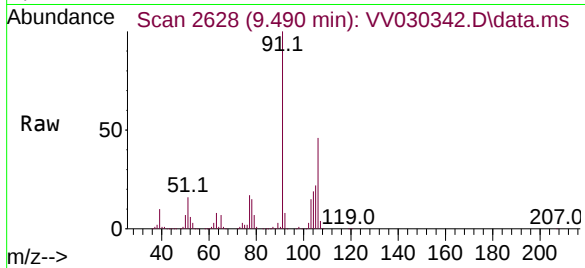




#54
o-Xylene
Concen: 4.880 ug/L
RT: 9.490 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

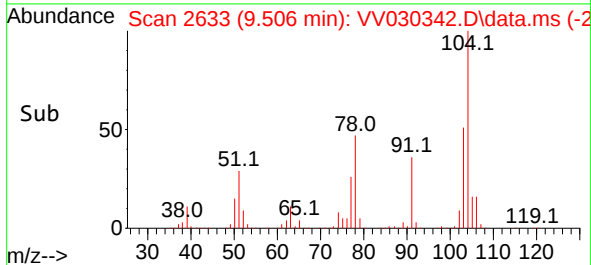
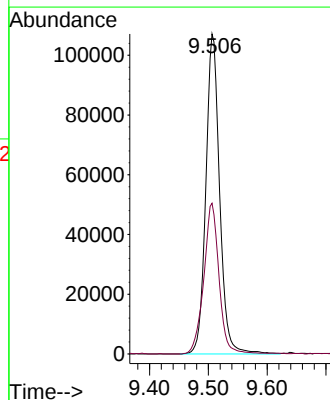
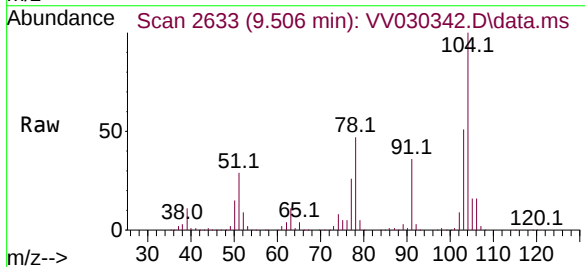
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

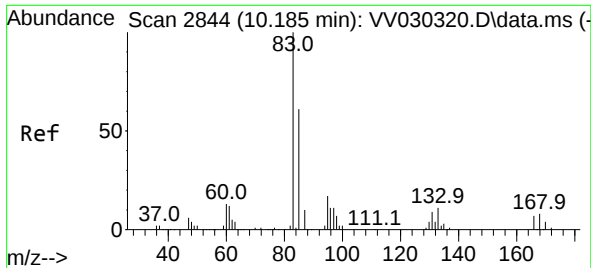
Tgt Ion:106 Resp: 99936
Ion Ratio Lower Upper
106 100
91 215.2 149.8 278.2



#55
Styrene
Concen: 5.023 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion:104 Resp: 174739
Ion Ratio Lower Upper
104 100
78 47.1 31.9 59.2

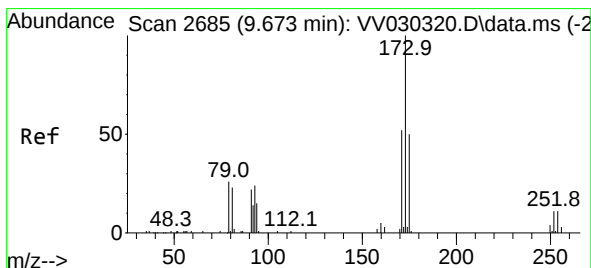
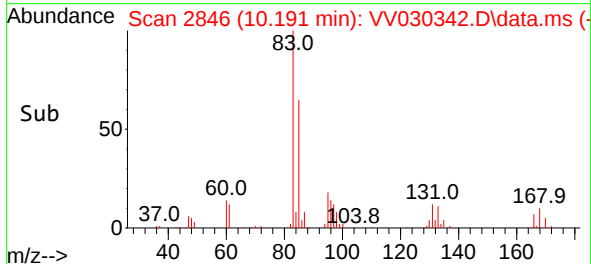
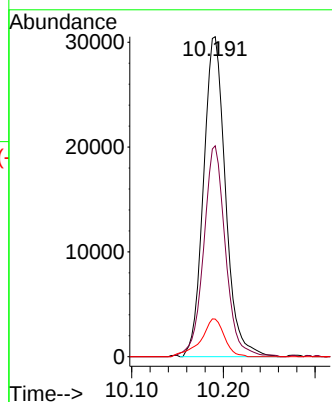
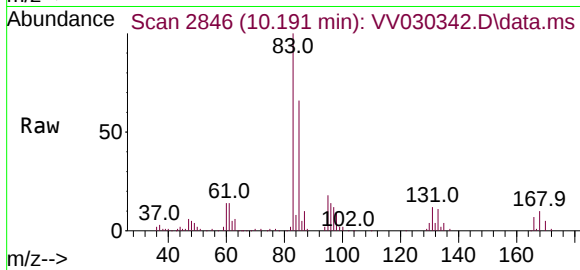




#57
 1,1,2-Tetrachloroethane
 Concen: 4.945 ug/L
 RT: 10.191 min Scan# 2846
 Delta R.T. 0.006 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

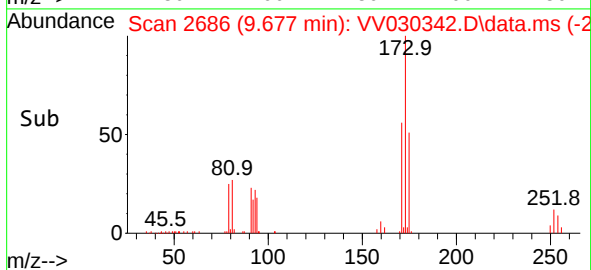
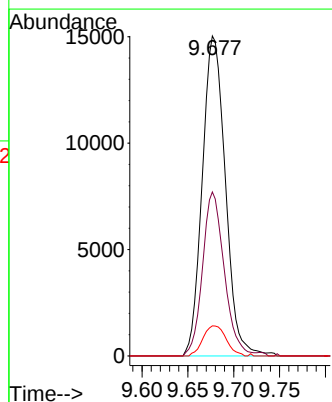
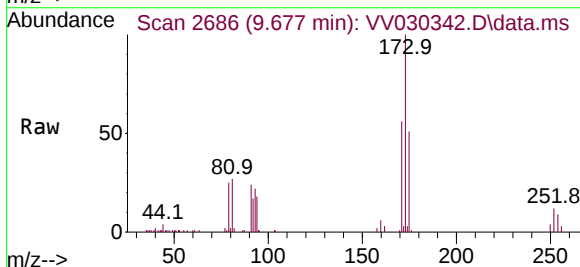
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MS

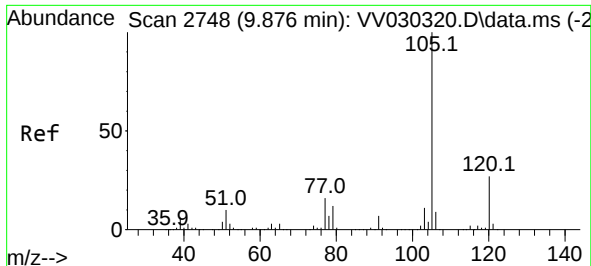
Tgt Ion: 83 Resp: 50912
 Ion Ratio Lower Upper
 83 100
 85 65.9 45.3 84.1
 131 11.7 8.2 12.4



#59
 Bromoform
 Concen: 4.291 ug/L
 RT: 9.677 min Scan# 2686
 Delta R.T. 0.003 min
 Lab File: VV030342.D
 Acq: 29 Mar 2023 21:26

Tgt Ion: 173 Resp: 26371
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.0 58.4
 254 9.4 8.2 12.4

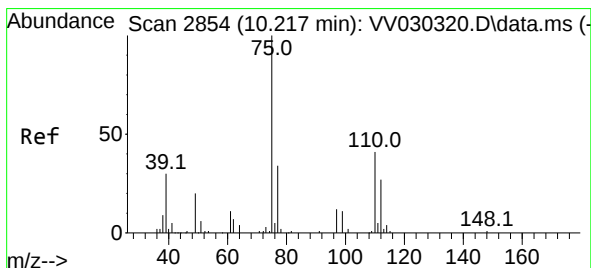
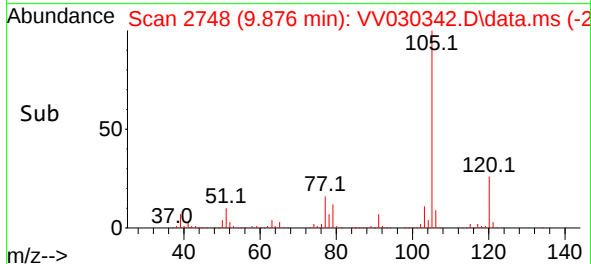
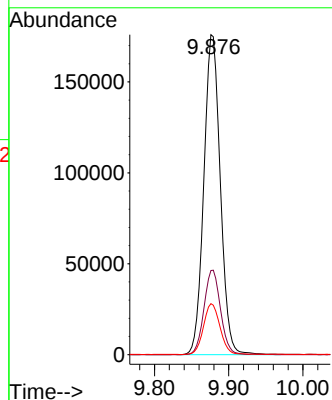
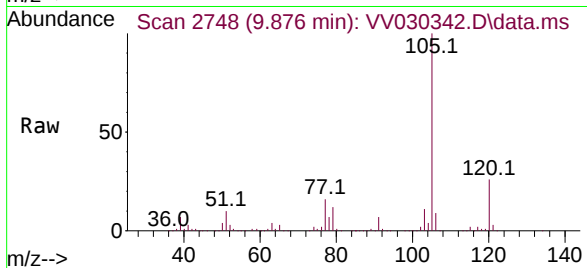




#60
Isopropylbenzene
Concen: 4.837 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

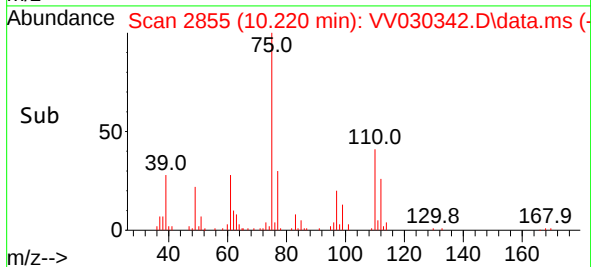
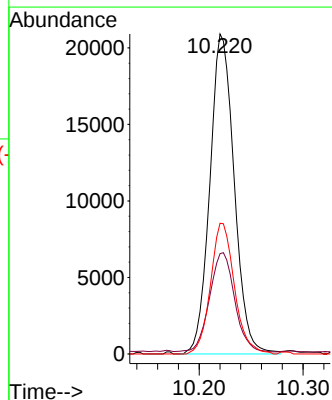
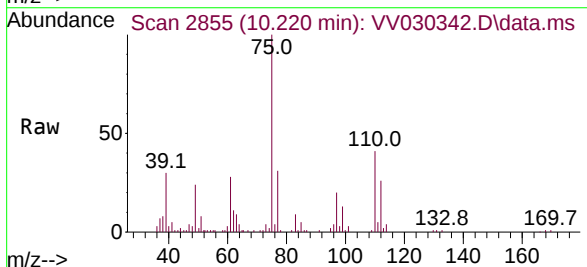
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

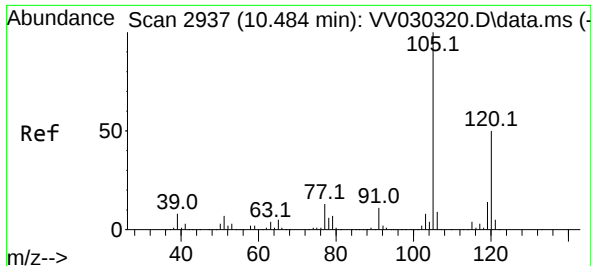
Tgt Ion:105 Resp: 271221
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.9 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 5.016 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 75 Resp: 34103
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 40.1 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.586 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

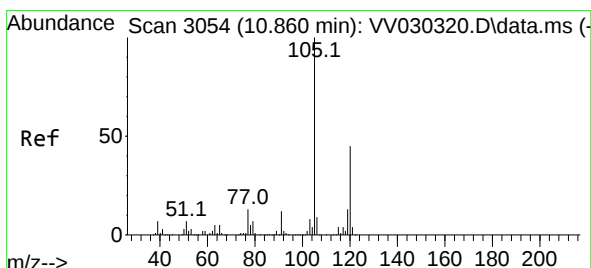
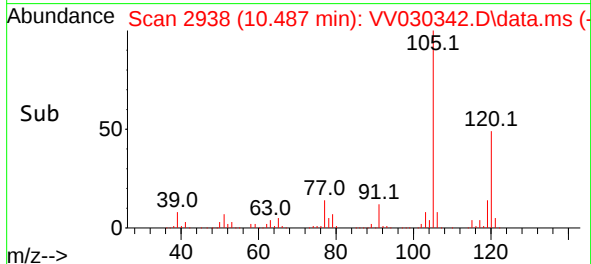
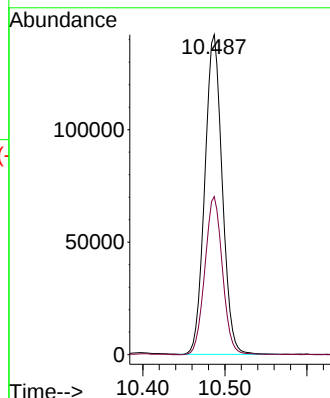
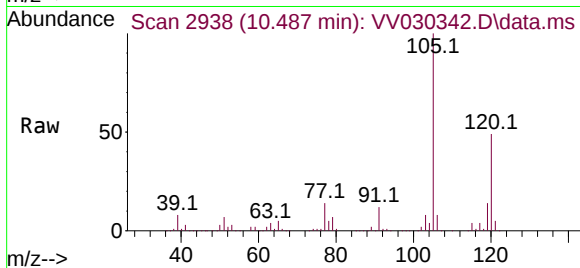
H0AB0MS

Tgt Ion:105 Resp: 209873

Ion Ratio Lower Upper

105 100

120 50.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.725 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030342.D

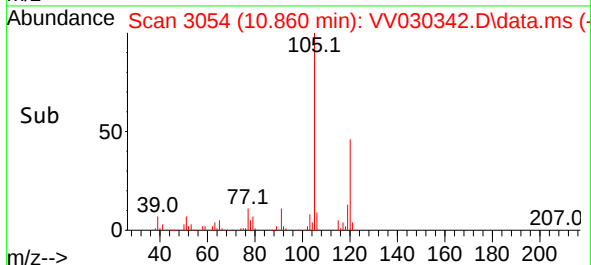
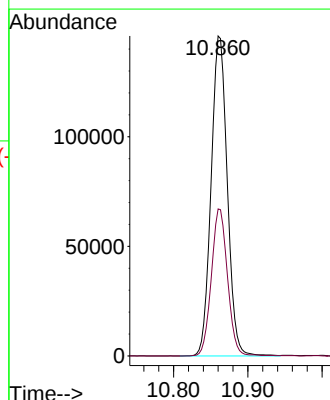
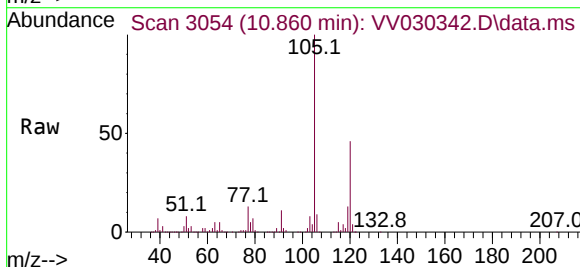
Acq: 29 Mar 2023 21:26

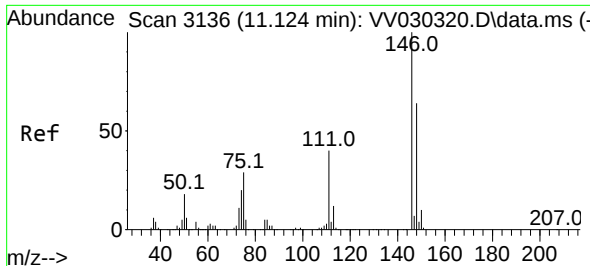
Tgt Ion:105 Resp: 220366

Ion Ratio Lower Upper

105 100

120 45.9 36.8 55.2

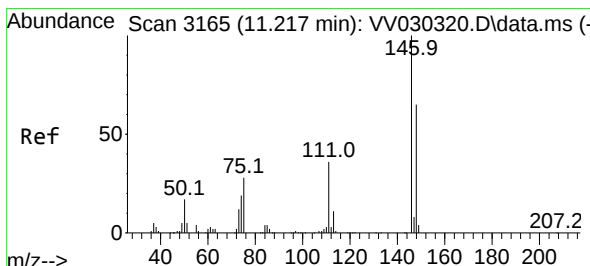
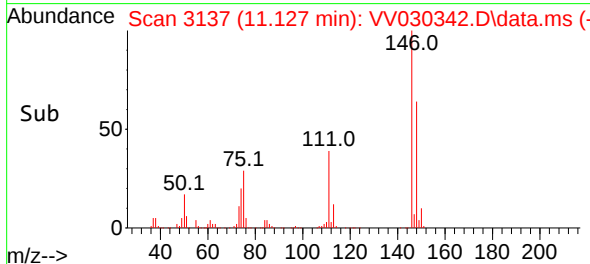
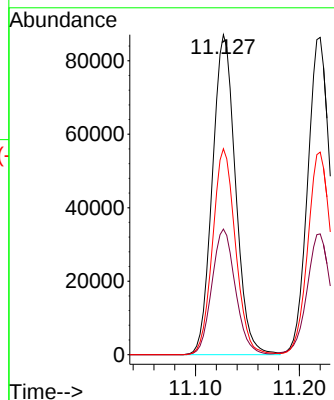
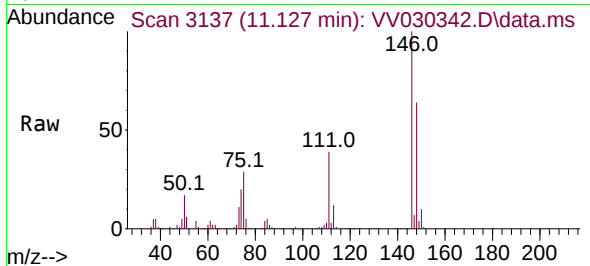




#64
1,3-Dichlorobenzene
Concen: 4.825 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

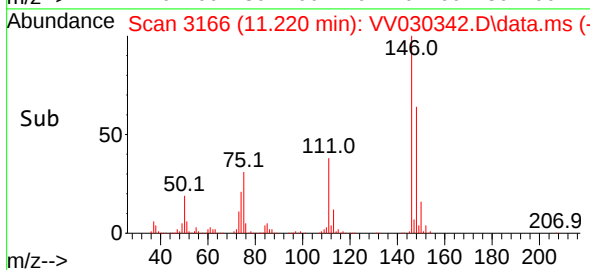
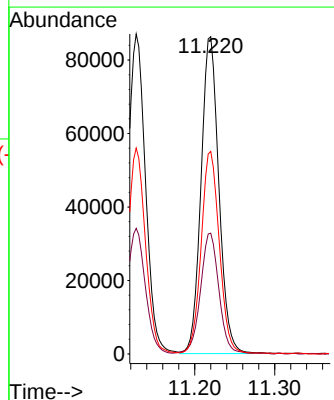
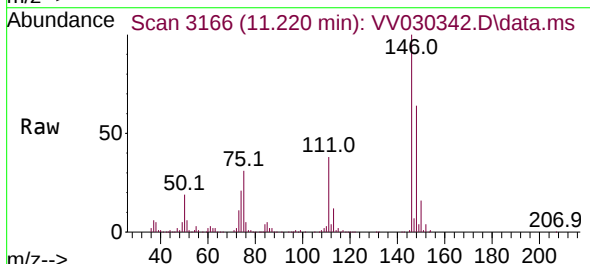
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

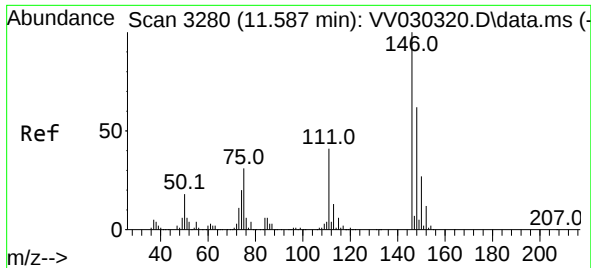
Tgt Ion:146 Resp: 134931
Ion Ratio Lower Upper
146 100
111 39.3 27.0 50.2
148 64.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.761 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion:146 Resp: 134134
Ion Ratio Lower Upper
146 100
111 38.1 26.0 48.4
148 63.8 45.2 84.0

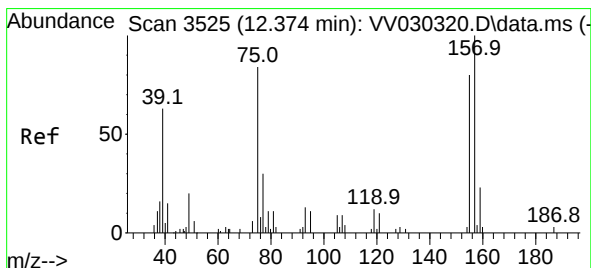
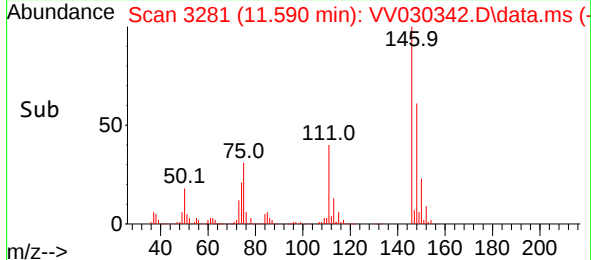
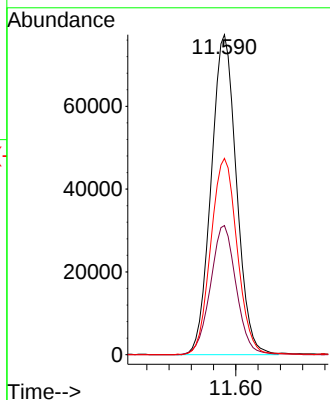
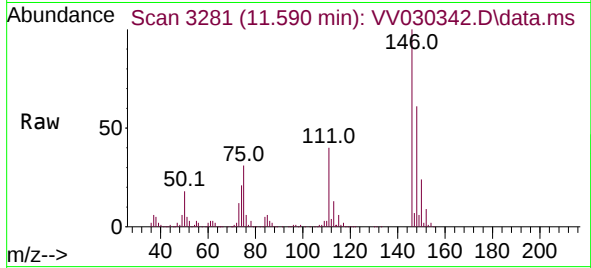




#67
1,2-Dichlorobenzene
Concen: 4.835 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

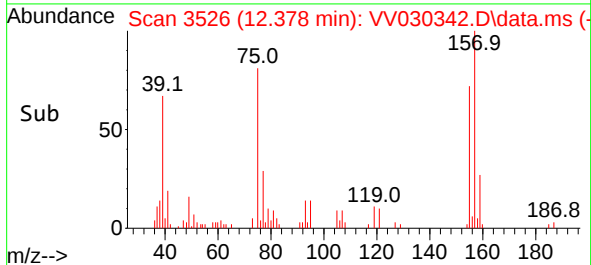
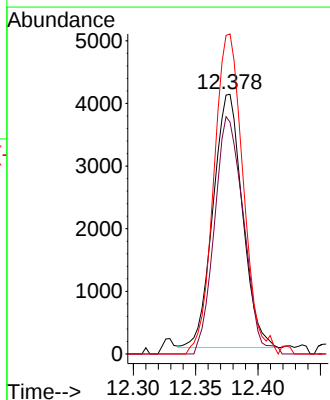
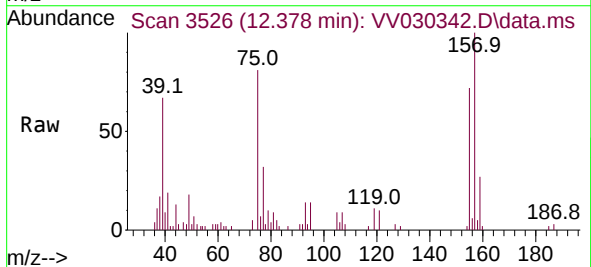
Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

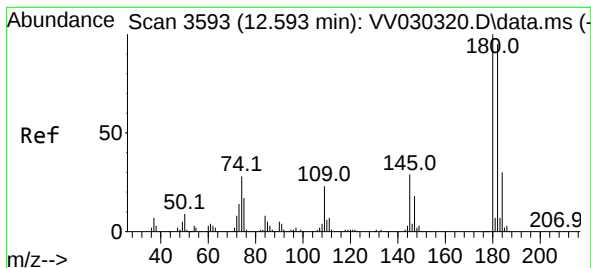
Tgt Ion:146 Resp: 121845
Ion Ratio Lower Upper
146 100
111 40.4 33.1 49.7
148 61.4 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.931 ug/L
RT: 12.378 min Scan# 3526
Delta R.T. 0.003 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion: 75 Resp: 6648
Ion Ratio Lower Upper
75 100
155 89.3 64.6 96.8
157 123.2 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 4.436 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.000 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

Instrument :

MSVOA_V

ClientSampleId :

H0AB0MS

Tgt Ion:180 Resp: 95513

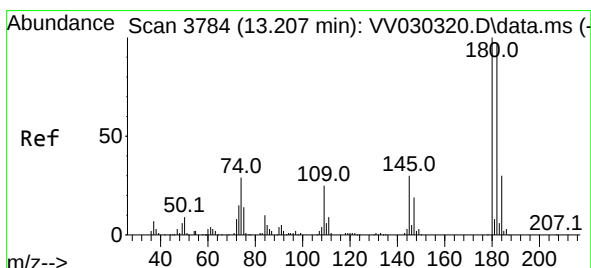
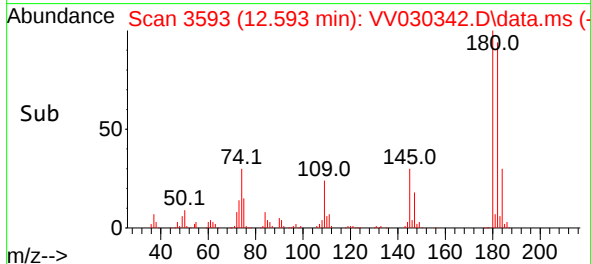
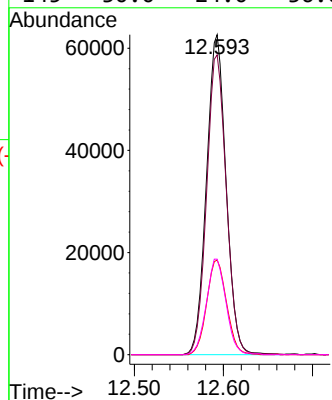
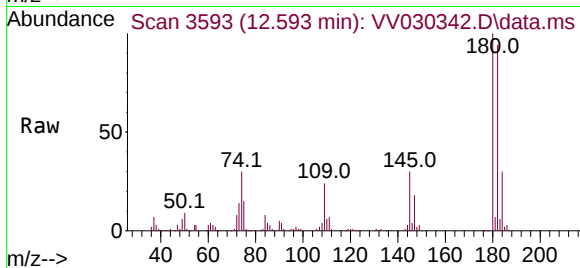
Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

184 30.0 24.0 36.0

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.517 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030342.D

Acq: 29 Mar 2023 21:26

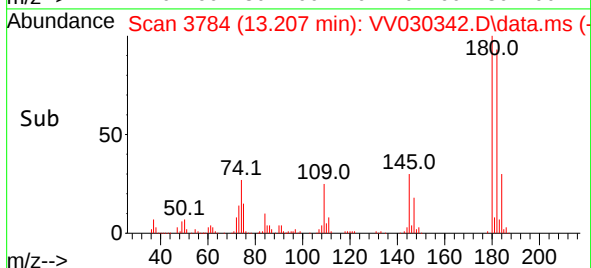
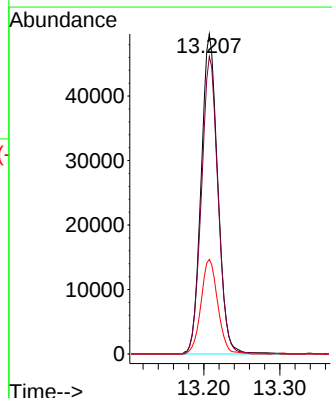
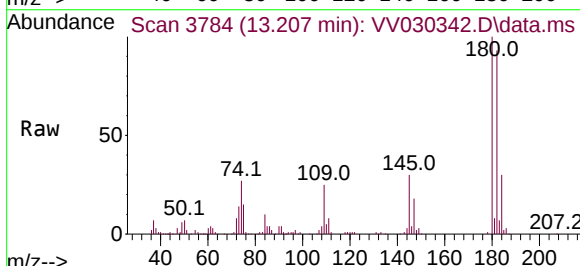
Tgt Ion:180 Resp: 75099

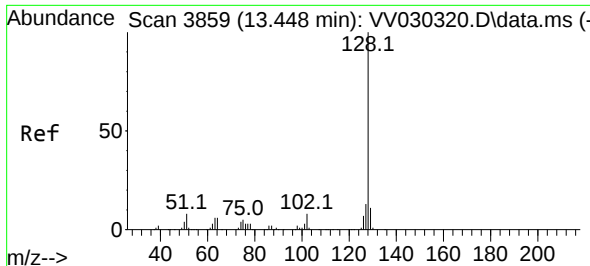
Ion Ratio Lower Upper

180 100

182 93.1 75.3 112.9

145 29.8 23.8 35.6

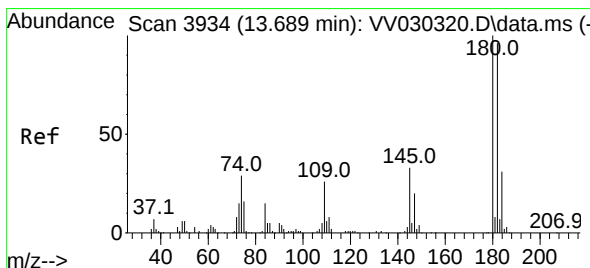
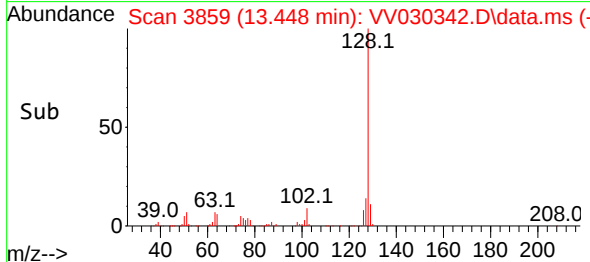
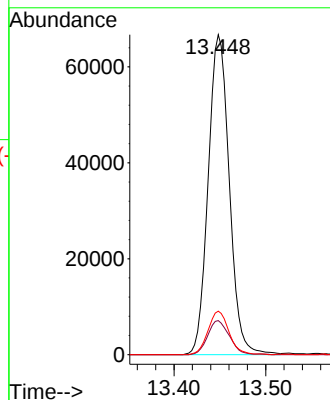
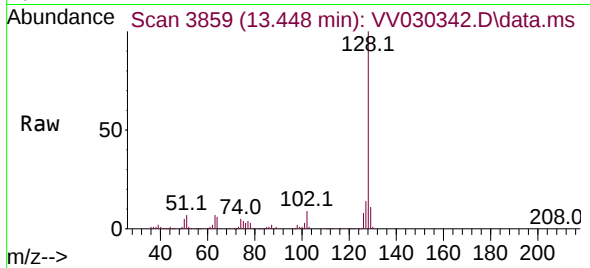




#71
Naphthalene
Concen: 4.494 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion:	128	Resp:	106703
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	13.5	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.472 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030342.D
Acq: 29 Mar 2023 21:26

Tgt Ion:	180	Resp:	64410
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	115.0
145	32.9	25.0	37.4

