

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026043.D
 Acq On : 09 Jun 2022 00:13
 Operator : SY/MD
 Sample : N3188-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B00MSD

Quant Time: Jun 09 05:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	185720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52701	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.580	69	55328	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.121	63	118651	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.915	46	91324	53.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.740%
24) Chloroform-d	4.362	84	130166	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.043	65	47477	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.059	84	220719	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.075	67	69221	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	192441	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.625	79	18816	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.091	63	86945	48.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46362	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	66932	4.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	78379	4.041	ug/L	97
3) Chloromethane	1.252	50	106622	4.909	ug/L	99
5) Vinyl chloride	1.323	62	107411	4.736	ug/L	97
6) Bromomethane	1.535	94	60296	4.586	ug/L	97
8) Chloroethane	1.596	64	66120	4.740	ug/L	98
9) Trichlorofluoromethane	1.764	101	127645	4.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	63010	3.825	ug/L	99
12) 1,1-Dichloroethene	2.130	96	72652	4.582	ug/L	95
13) Acetone	2.204	43	61351	44.955	ug/L	76
14) Carbon disulfide	2.304	76	207895	4.596	ug/L	99
15) Methyl Acetate	2.455	43	14731	3.303	ug/L #	79
16) Methylene chloride	2.519	84	70147	4.441	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	121789	4.732	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	68980	4.614	ug/L	100
19) 1,1-Dichloroethane	3.201	63	129178	4.750	ug/L	98
21) 2-Butanone	3.998	43	97691	54.954	ug/L	96
22) cis-1,2-Dichloroethene	3.924	96	69385	4.708	ug/L	92
23) Bromochloromethane	4.262	128	29671	4.790	ug/L	96
25) Chloroform	4.384	83	399318	14.304	ug/L	100

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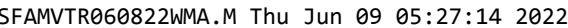
Instrument :
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 ClientSampleId :
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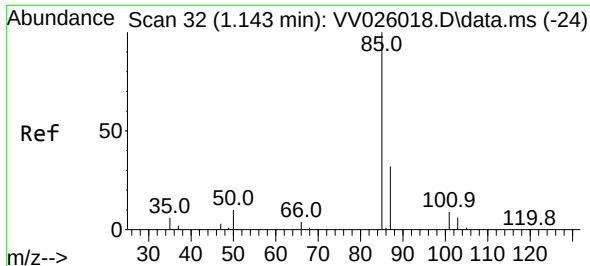
Quant Time: Jun 09 05:27:06 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	62971	4.562	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	114109	4.682	ug/L	100
30) Cyclohexane	4.686	56	90497	4.269	ug/L	99
31) Carbon tetrachloride	4.837	117	92321	4.613	ug/L	98
33) Benzene	5.108	78	296257	5.076	ug/L	100
34) Trichloroethene	5.921	95	71159	4.667	ug/L	99
35) Methylcyclohexane	6.136	83	84679	3.603	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68678	4.855	ug/L	99
38) Bromodichloromethane	6.516	83	84881	4.967	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	78238	4.489	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	294235	50.922	ug/L	98
42) Toluene	7.390	91	311517	5.108	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	61846	4.529	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	44802	4.878	ug/L	98
47) Tetrachloroethene	7.976	164	55447	4.698	ug/L	97
48) 2-Hexanone	8.143	43	204383	49.831	ug/L	99
49) Dibromochloromethane	8.246	129	48368	4.824	ug/L	97
50) 1,2-Dibromoethane	8.355	107	39614	4.847	ug/L #	98
51) Chlorobenzene	8.882	112	180639	4.551	ug/L	98
52) Ethylbenzene	9.011	91	289149	4.524	ug/L	100
53) m,p-Xylene	9.140	106	115667	4.682	ug/L	96
54) o-Xylene	9.545	106	109096	4.645	ug/L	98
55) Styrene	9.561	104	187028	4.754	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	44931	4.569	ug/L	98
59) Bromoform	9.731	173	21883	5.003	ug/L	99
60) Isopropylbenzene	9.931	105	277629	4.481	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34205	4.700	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	209626	4.272	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	217870	4.459	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	129902	4.413	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128126	4.274	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117935	4.530	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6312	4.881	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	80971	3.798	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	62564	3.937	ug/L	99
71) Naphthalene	13.503	128	104351	4.622	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55565	4.131	ug/L	96

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

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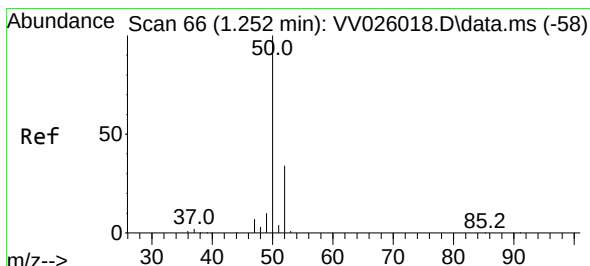
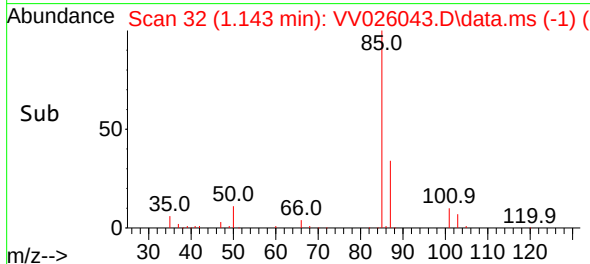
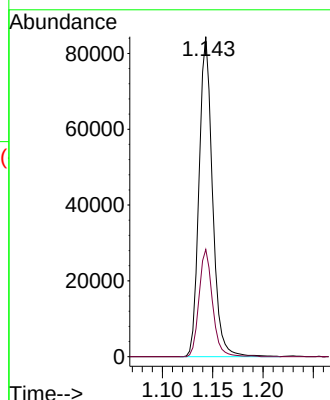
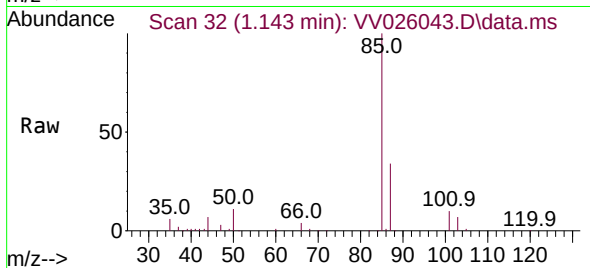




#2
 Dichlorodifluoromethane
 Concen: 4.041 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

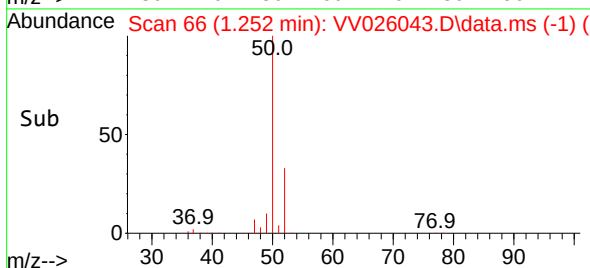
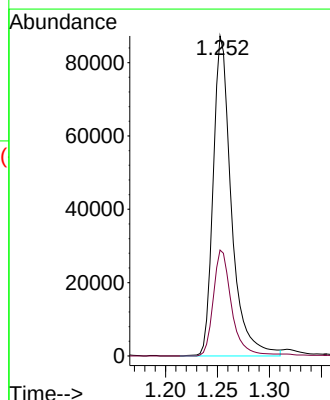
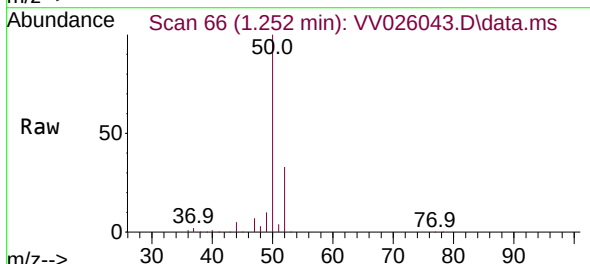
Instrument :
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 ClientSampleId :
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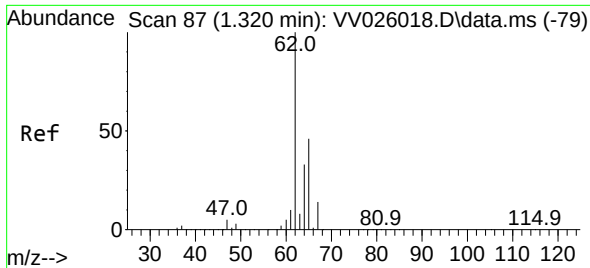
Tgt Ion: 85 Resp: 78379
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.3 37.9



#3
 Chloromethane
 Concen: 4.909 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

Tgt Ion: 50 Resp: 106622
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6

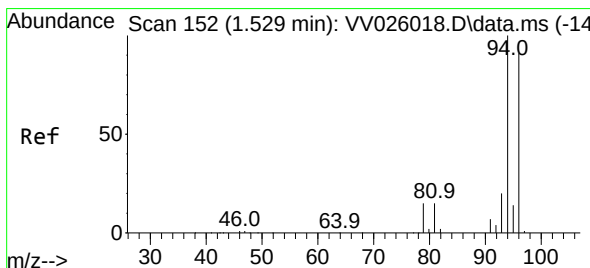
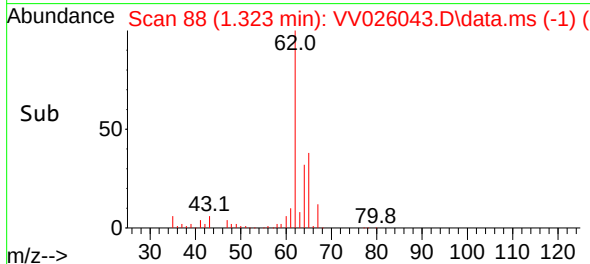
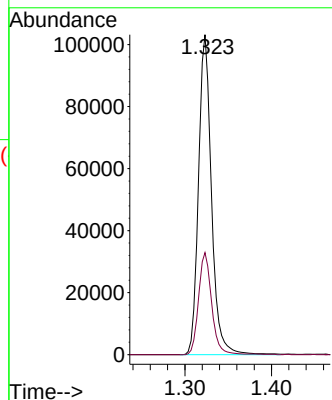
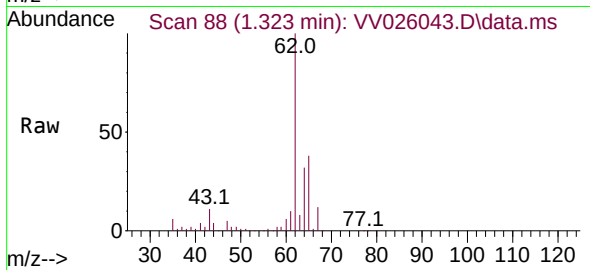




#5
 Vinyl chloride
 Concen: 4.736 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

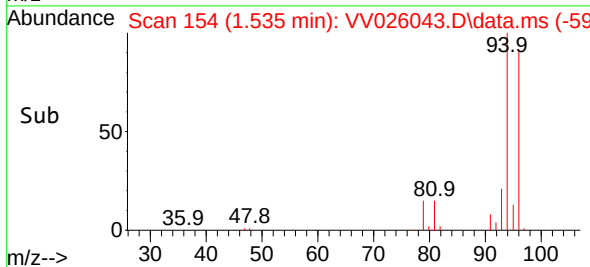
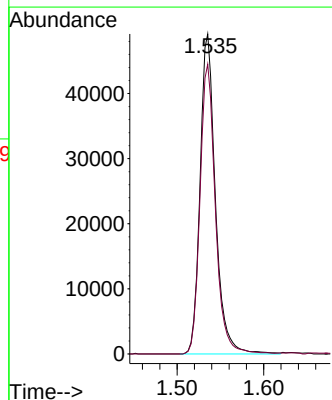
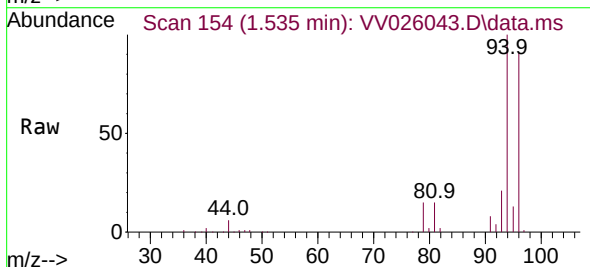
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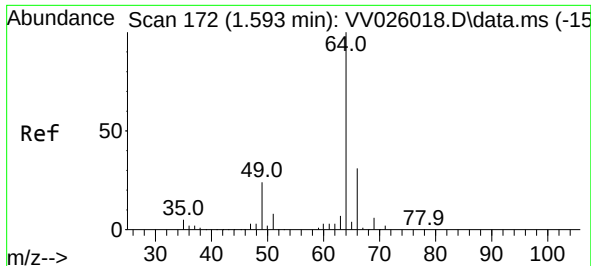
Tgt Ion: 62 Resp: 107411
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.4 43.4



#6
 Bromomethane
 Concen: 4.586 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.006 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

Tgt Ion: 94 Resp: 60296
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.5 121.6

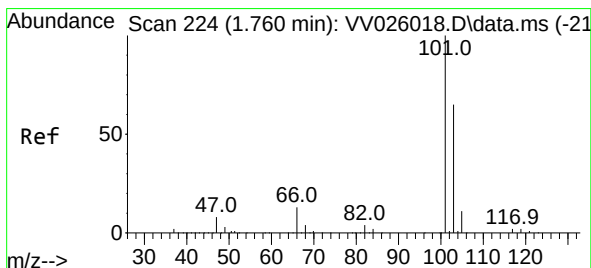
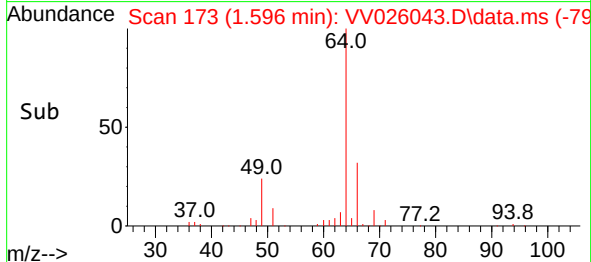
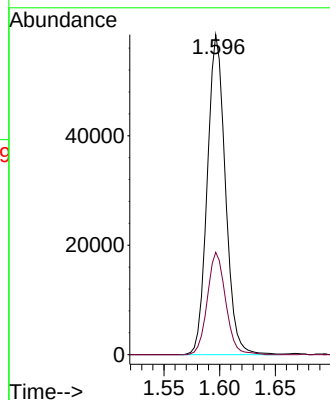
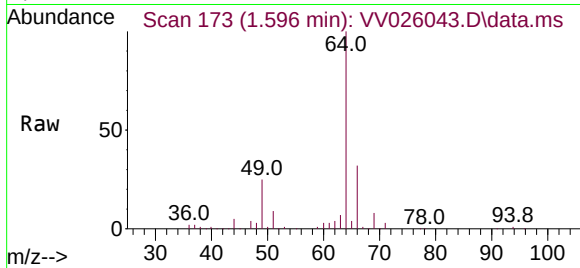




#8
Chloroethane
Concen: 4.740 ug/L
RT: 1.596 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

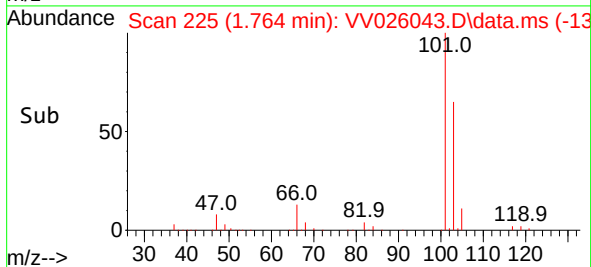
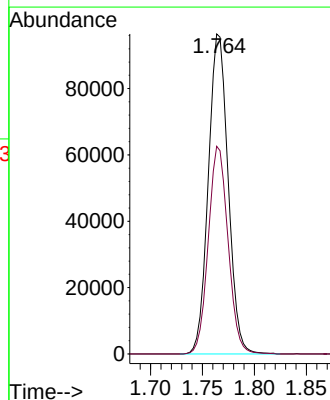
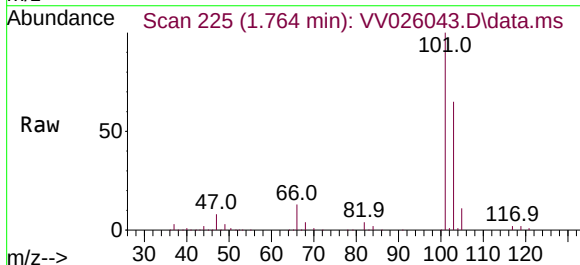
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ClientSampleId :
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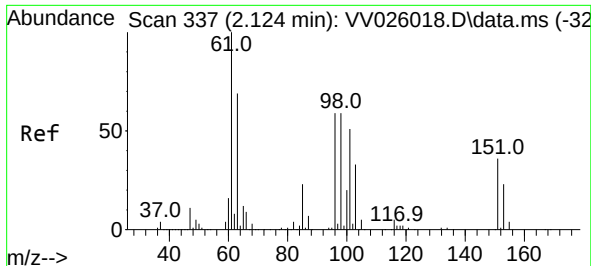
Tgt Ion: 64 Resp: 66120
Ion Ratio Lower Upper
64 100
66 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.415 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:101 Resp: 127645
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8

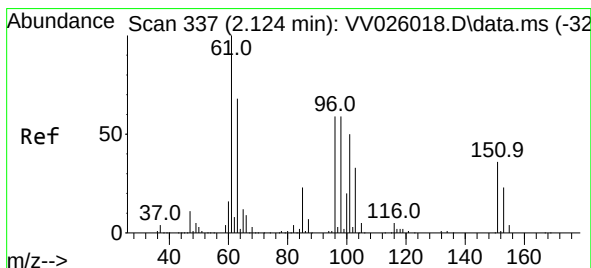
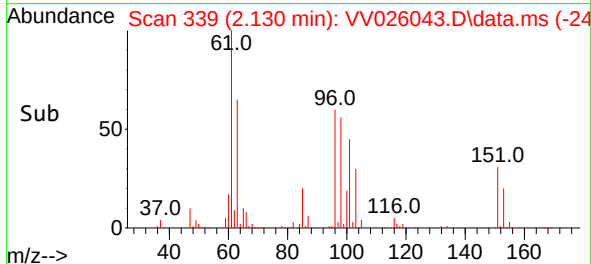
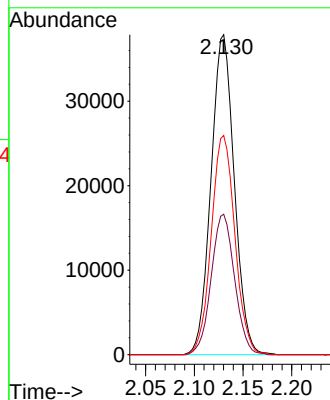
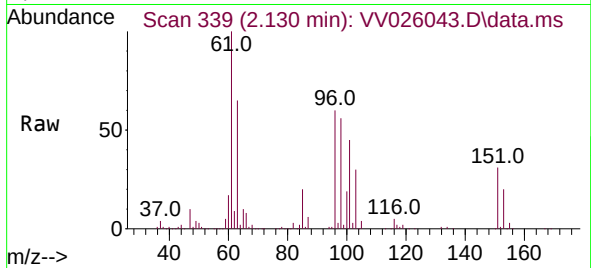




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.825 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.006 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

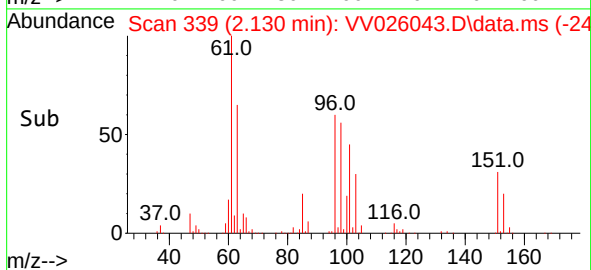
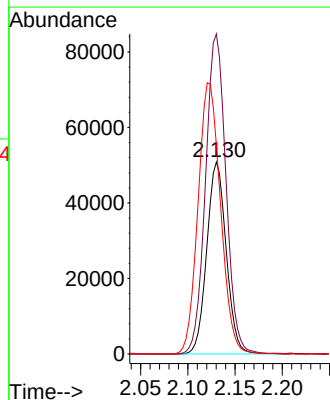
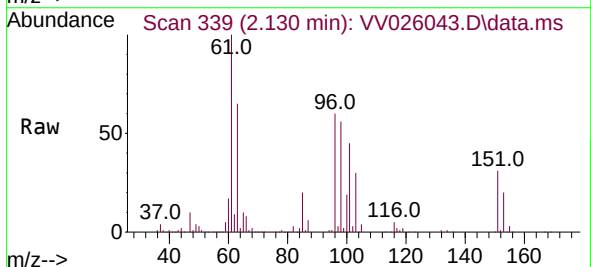
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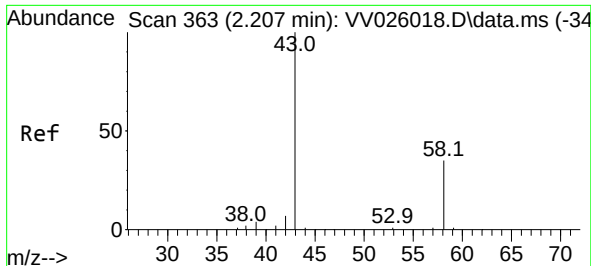
Tgt Ion:101 Resp: 63010
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 69.4 56.4 84.6



#12
1,1-Dichloroethene
Concen: 4.582 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.006 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 96 Resp: 72652
Ion Ratio Lower Upper
96 100
61 166.7 122.6 227.6
63 109.1 78.5 145.9

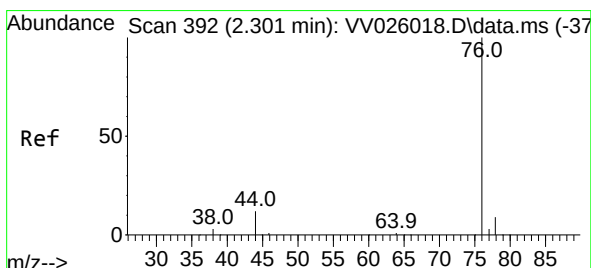
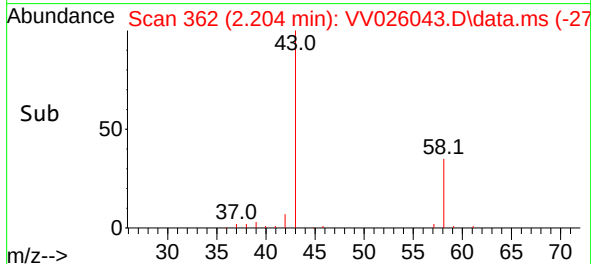
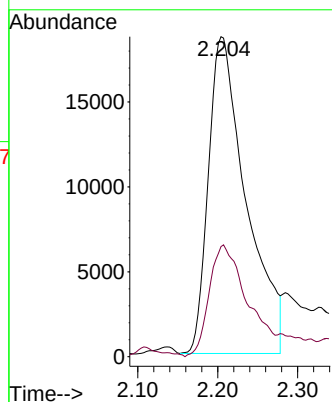
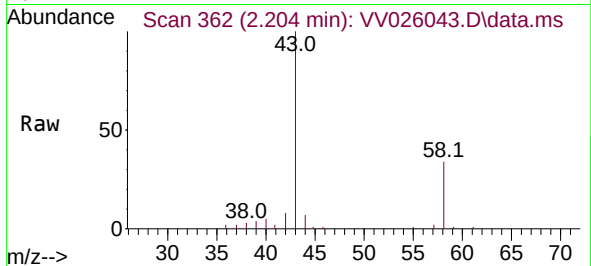




#13
Acetone
Concen: 44.955 ug/L
RT: 2.204 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

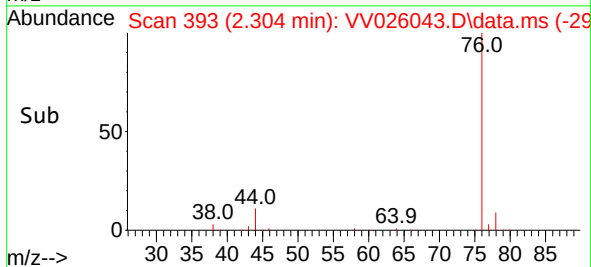
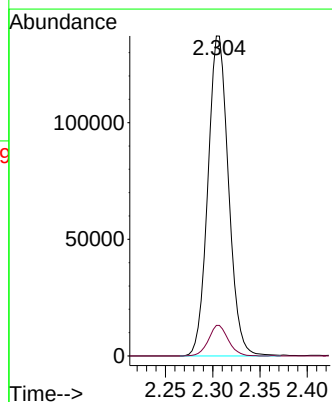
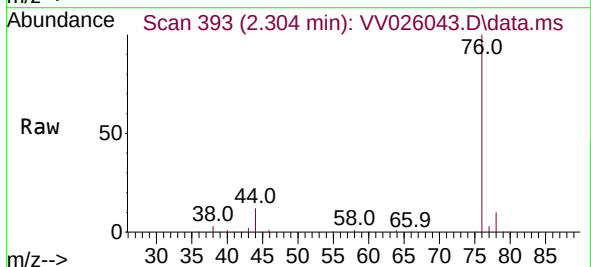
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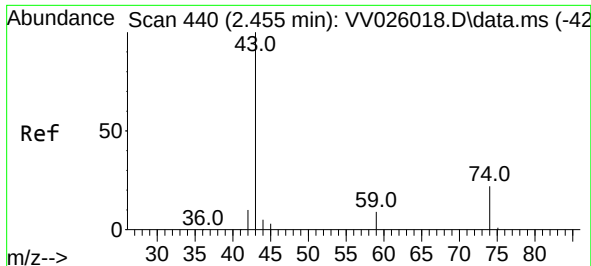
Tgt Ion: 43 Resp: 61351
Ion Ratio Lower Upper
43 100
58 35.6 0.0 47.6



#14
Carbon disulfide
Concen: 4.596 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 76 Resp: 207895
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

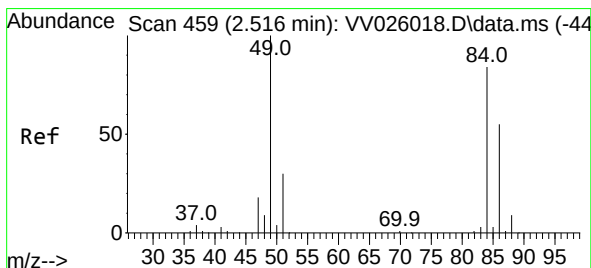
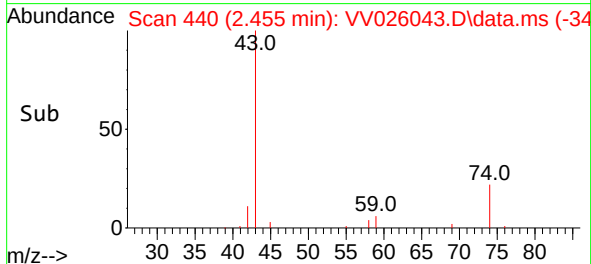
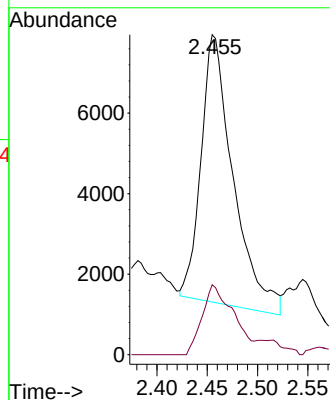
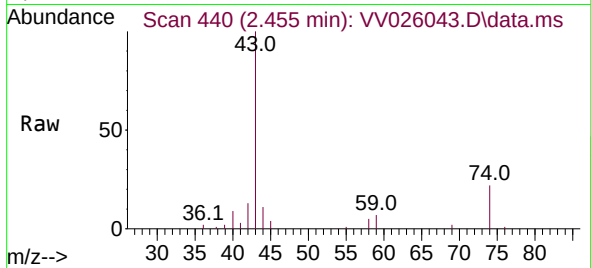




#15
Methyl Acetate
Concen: 3.303 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

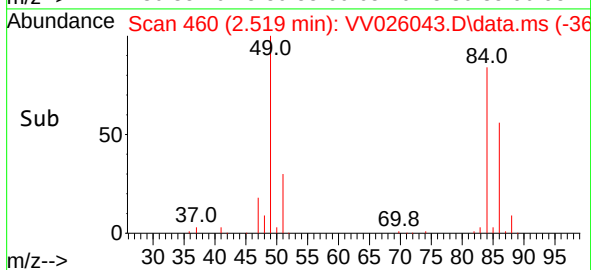
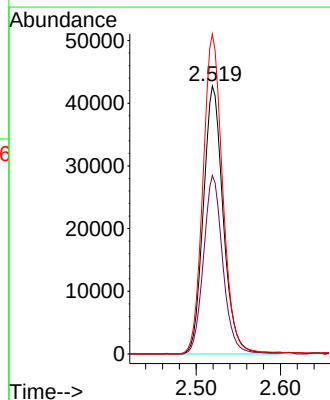
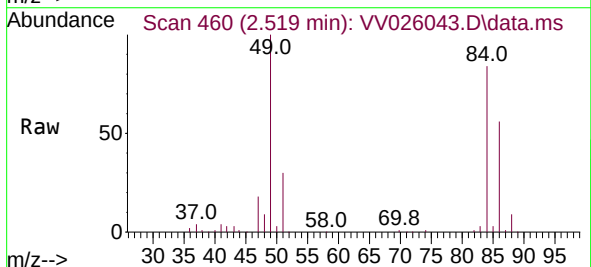
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

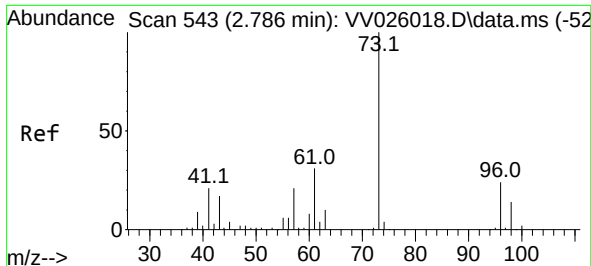
Tgt Ion: 43 Resp: 14731
Ion Ratio Lower Upper
43 100
74 25.7 13.3 19.9#



#16
Methylene chloride
Concen: 4.441 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 84 Resp: 70147
Ion Ratio Lower Upper
84 100
86 66.6 45.6 84.6
49 119.4 82.9 153.9

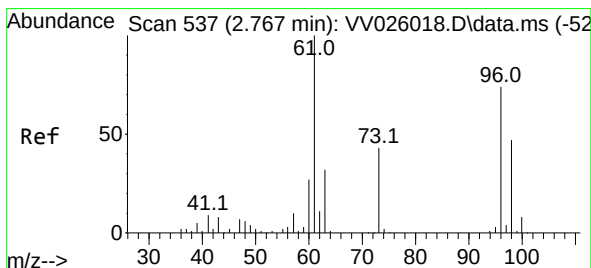
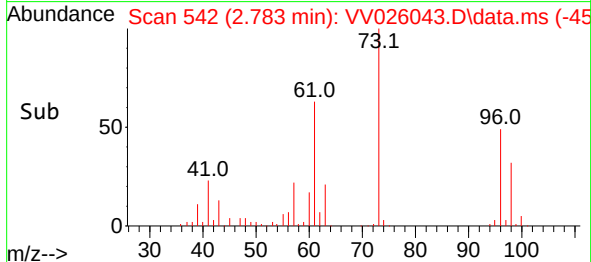
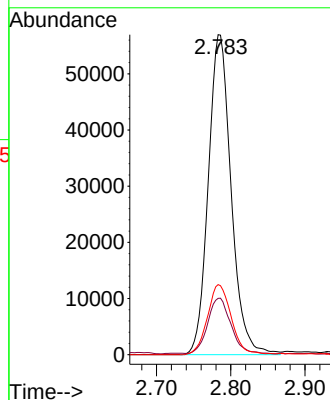
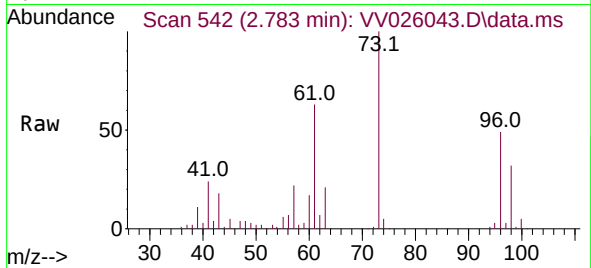




#17
Methyl tert-butyl Ether
Concen: 4.732 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

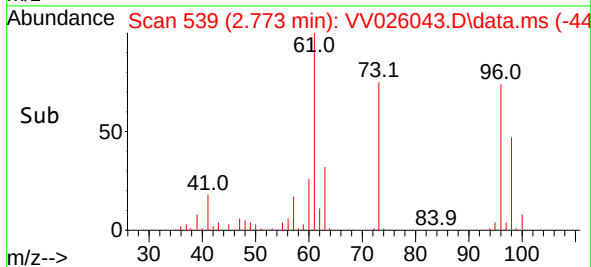
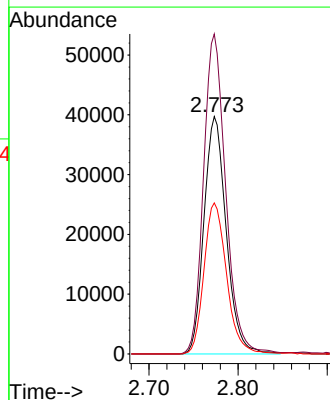
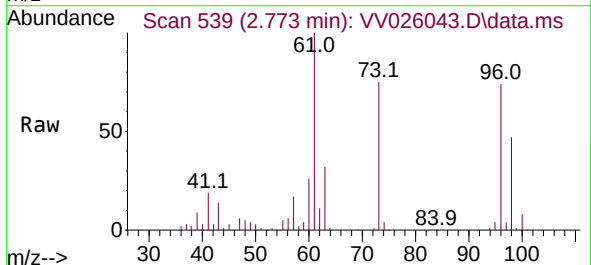
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

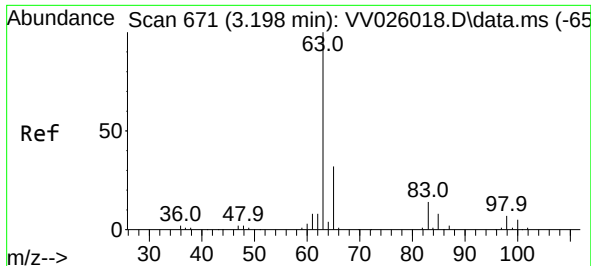
Tgt Ion: 73 Resp: 121789
Ion Ratio Lower Upper
73 100
43 17.6 13.7 20.5
57 22.7 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.614 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 96 Resp: 68980
Ion Ratio Lower Upper
96 100
61 134.7 94.3 175.1
98 63.6 44.4 82.5

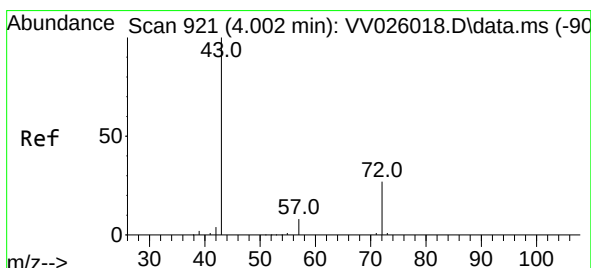
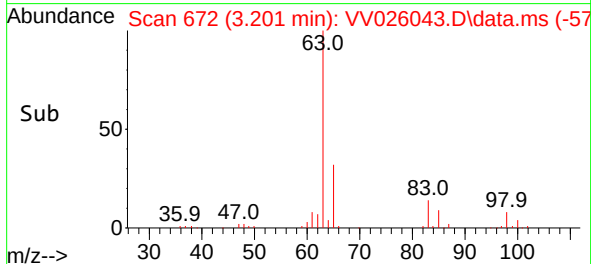
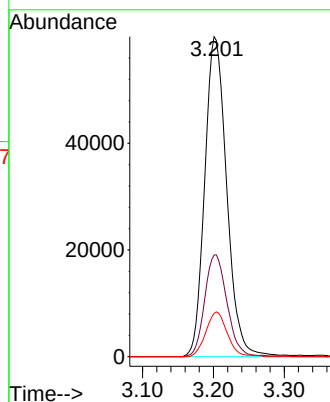
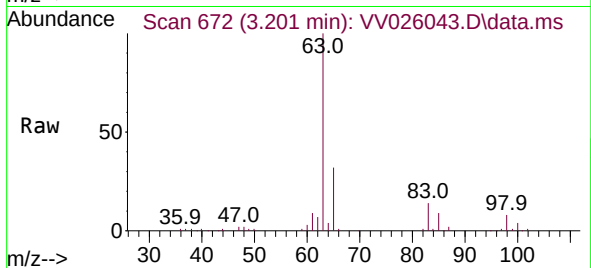




#19
1,1-Dichloroethane
Concen: 4.750 ug/L
RT: 3.201 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

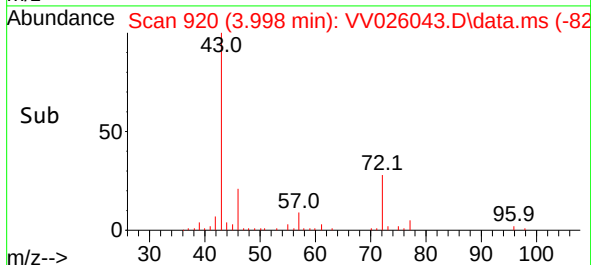
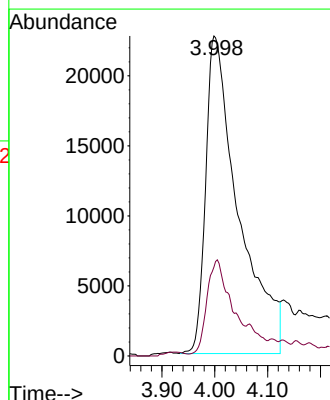
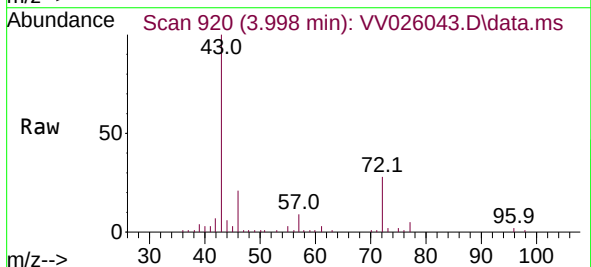
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

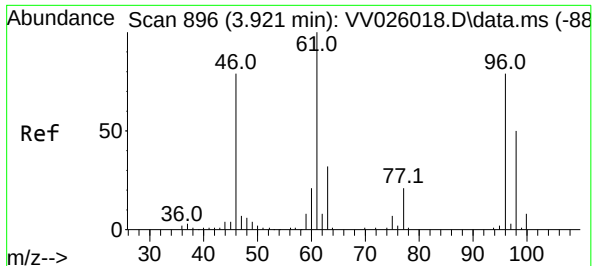
Tgt Ion: 63 Resp: 129178
Ion Ratio Lower Upper
63 100
65 31.8 23.1 42.9
83 13.6 9.7 18.1



#21
2-Butanone
Concen: 54.954 ug/L
RT: 3.998 min Scan# 920
Delta R.T. -0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 43 Resp: 97691
Ion Ratio Lower Upper
43 100
72 21.8 11.9 35.7

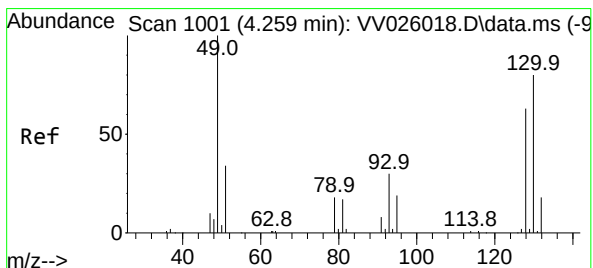
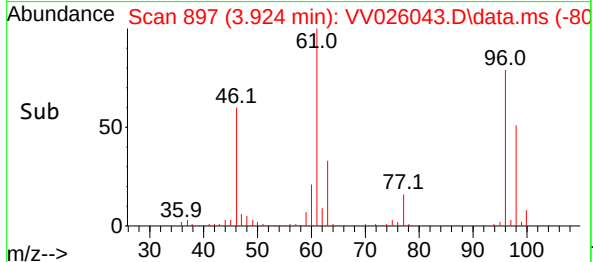
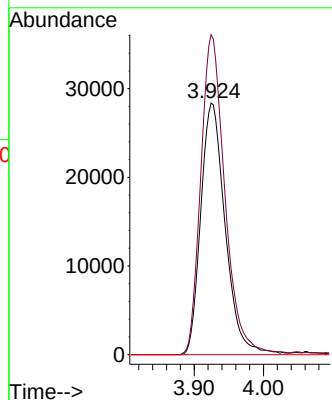
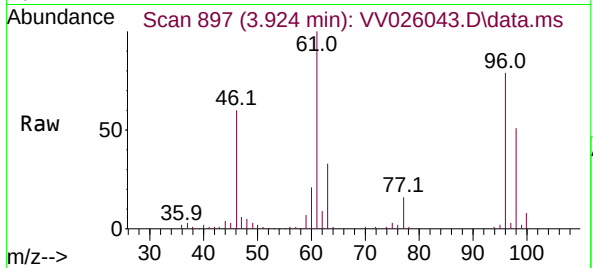




#22
 cis-1,2-Dichloroethene
 Concen: 4.708 ug/L
 RT: 3.924 min Scan# 896
 Delta R.T. 0.003 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

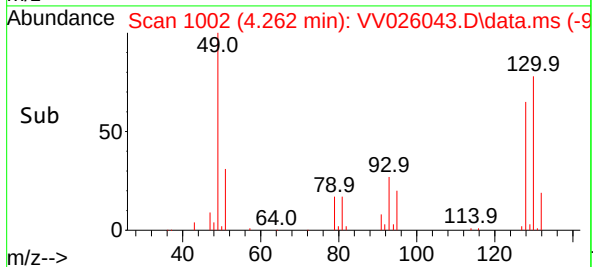
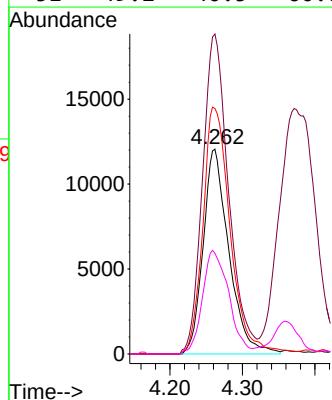
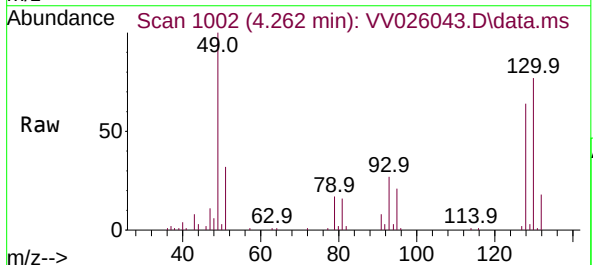
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B00MSD

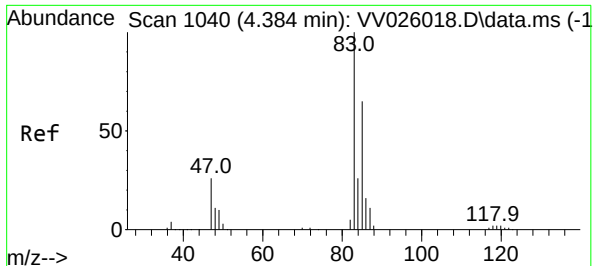
Tgt Ion: 96 Resp: 69385
 Ion Ratio Lower Upper
 96 100
 61 127.2 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.790 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.003 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

Tgt Ion: 128 Resp: 29671
 Ion Ratio Lower Upper
 128 100
 49 156.2 112.8 209.4
 130 119.8 87.4 162.4
 51 49.2 40.5 60.7





#25

Chloroform

Concen: 14.304 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

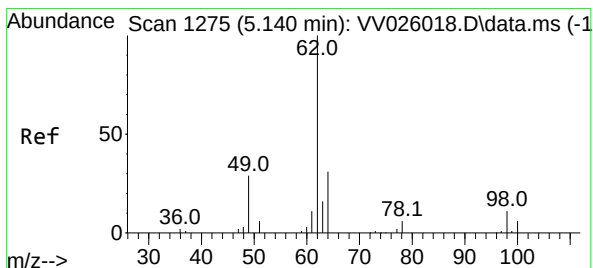
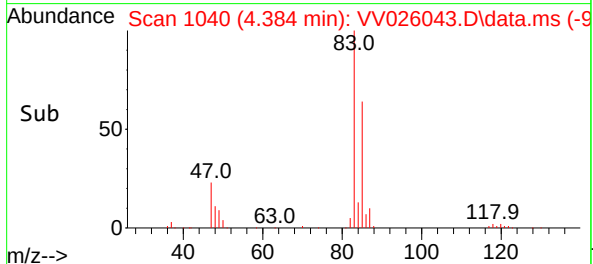
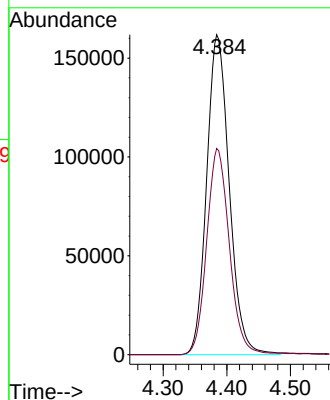
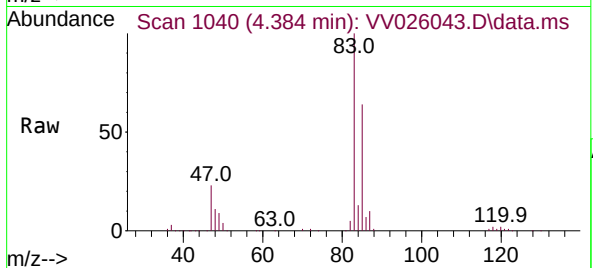
H0B00MSD

Tgt Ion: 83 Resp: 399318

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.562 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VV026043.D

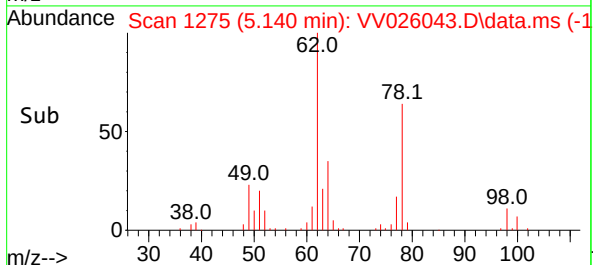
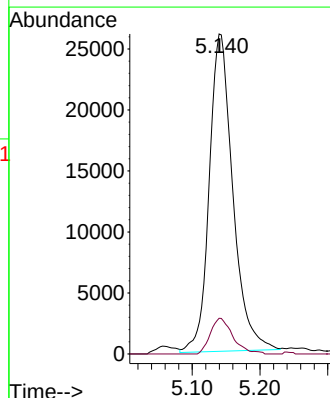
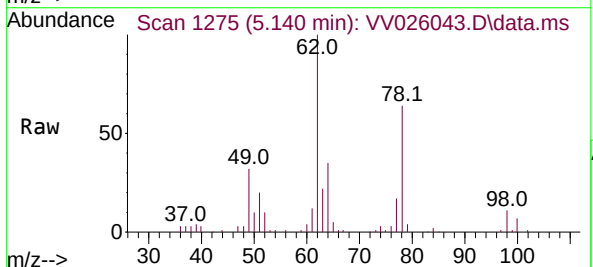
Acq: 09 Jun 2022 00:13

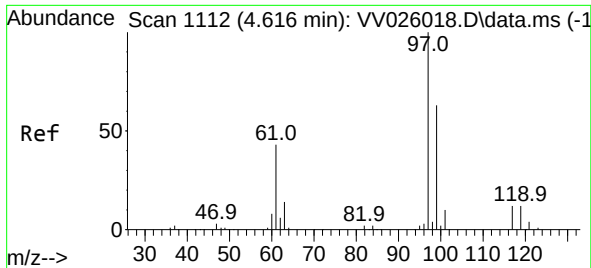
Tgt Ion: 62 Resp: 62971

Ion Ratio Lower Upper

62 100

98 11.1 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.682 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

H0B00MSD

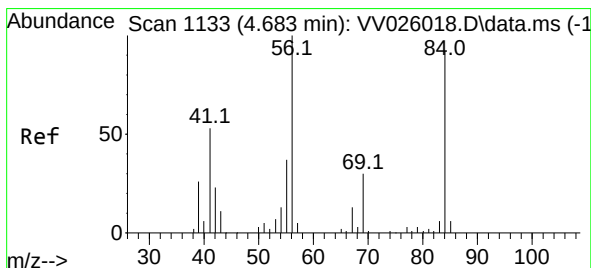
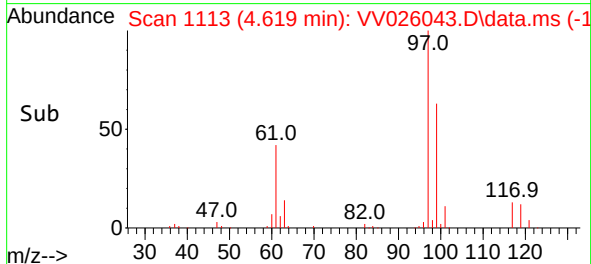
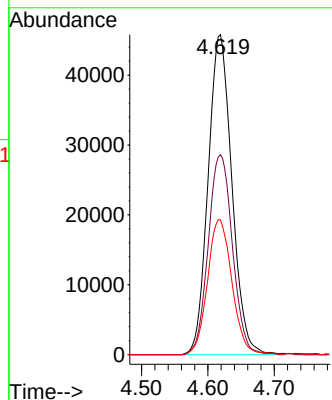
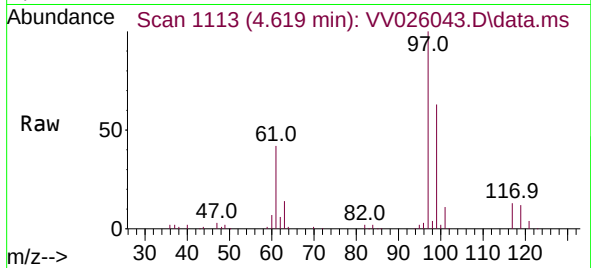
Tgt Ion: 97 Resp: 114109

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 43.5 34.9 52.3



#30

Cyclohexane

Concen: 4.269 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

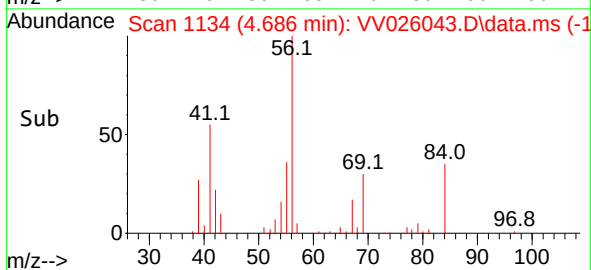
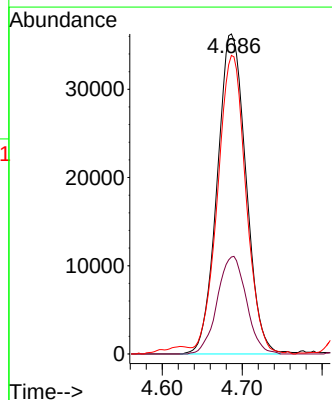
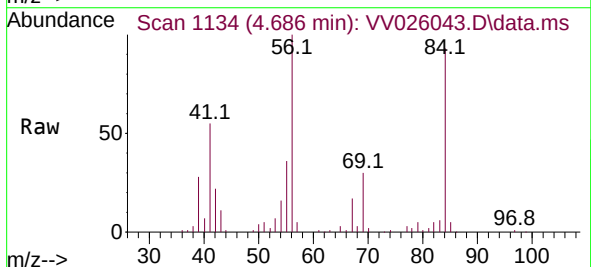
Tgt Ion: 56 Resp: 90497

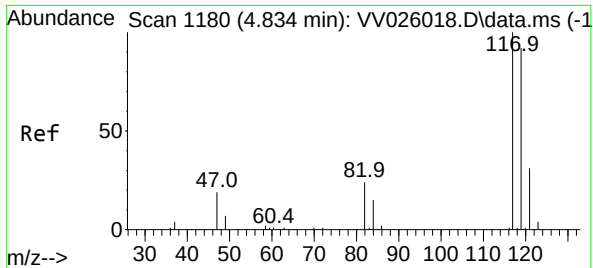
Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 91.6 72.2 108.4

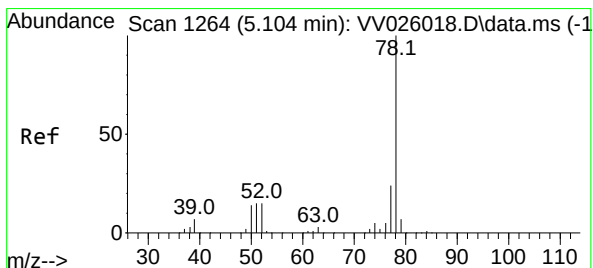
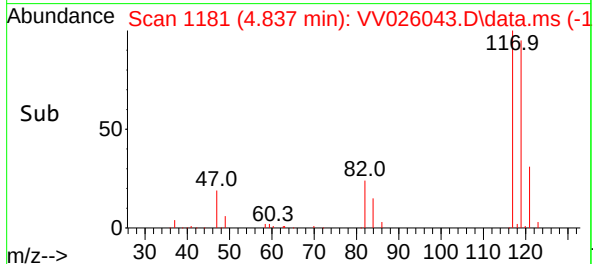
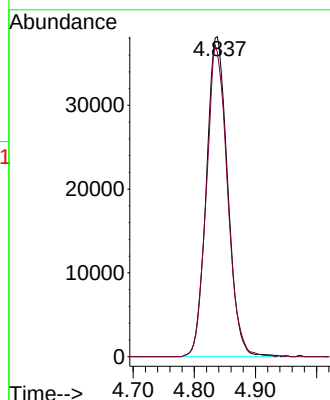
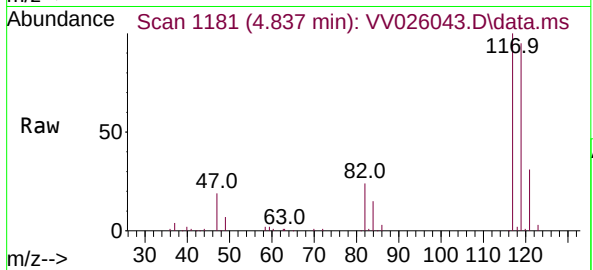




#31
Carbon tetrachloride
Concen: 4.613 ug/L
RT: 4.837 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

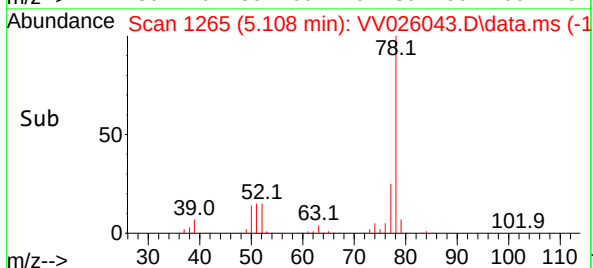
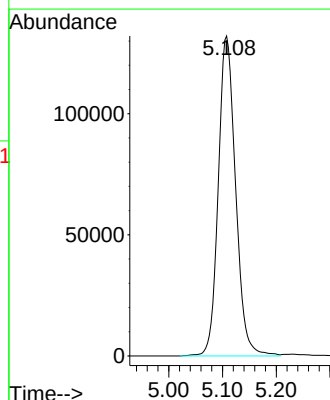
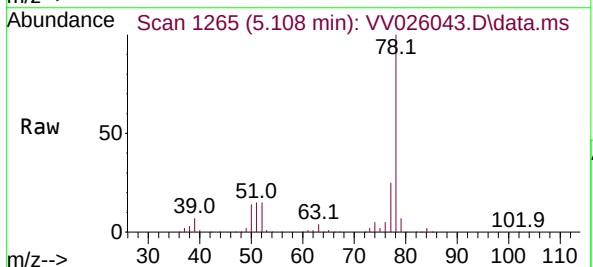
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

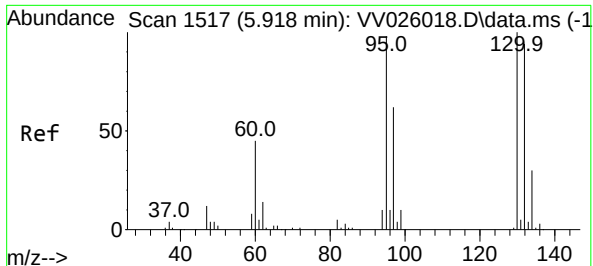
Tgt Ion:117 Resp: 92321
Ion Ratio Lower Upper
117 100
119 96.3 78.7 118.1



#33
Benzene
Concen: 5.076 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 78 Resp: 296257

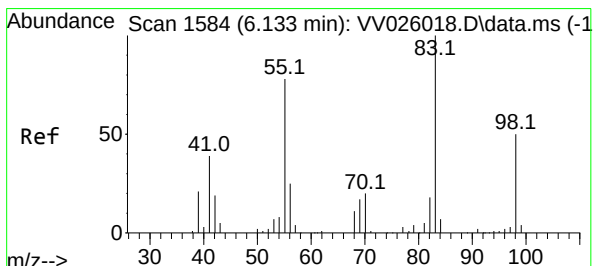
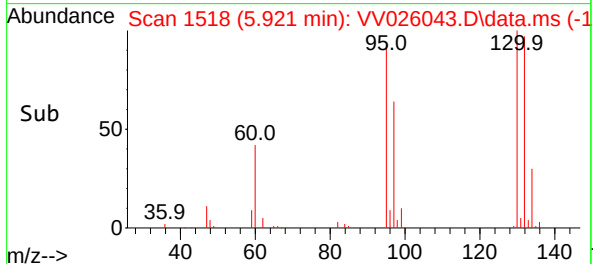
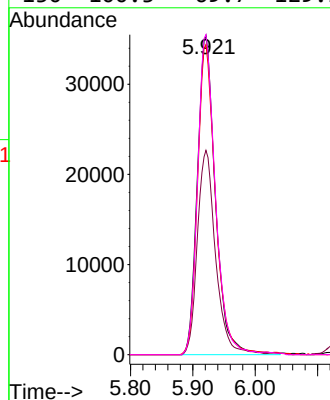
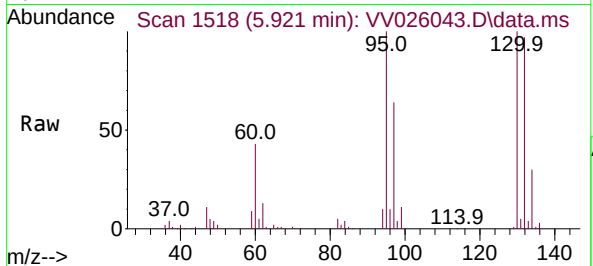




#34
Trichloroethene
Concen: 4.667 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

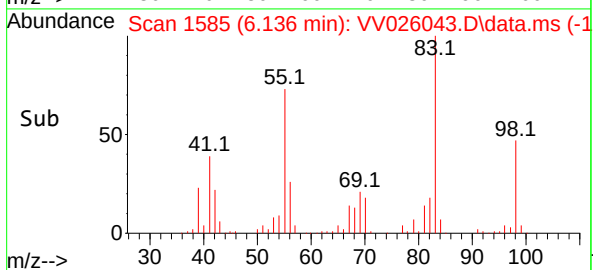
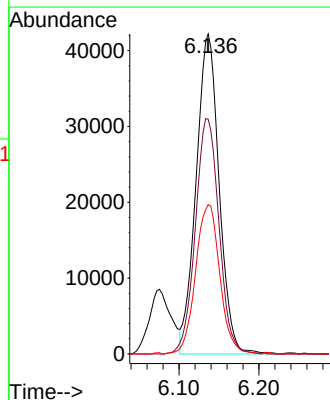
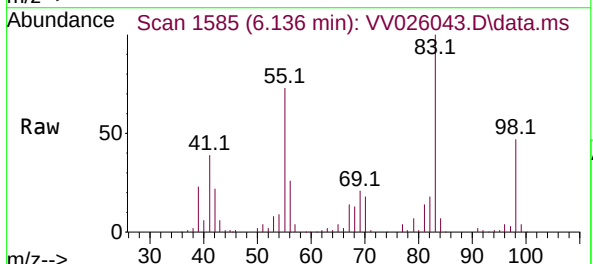
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

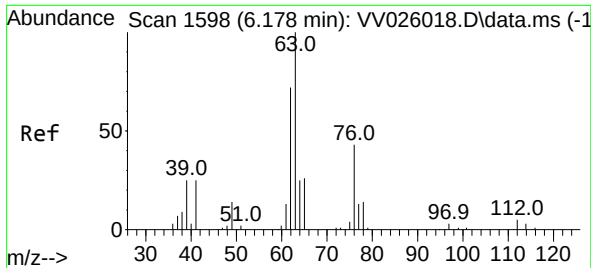
Tgt Ion: 95 Resp: 71159
Ion Ratio Lower Upper
95 100
97 64.0 44.0 81.6
132 97.2 67.5 125.4
130 100.3 69.7 129.5



#35
Methylcyclohexane
Concen: 3.603 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 83 Resp: 84679
Ion Ratio Lower Upper
83 100
55 75.6 59.4 89.0
98 49.0 38.9 58.3

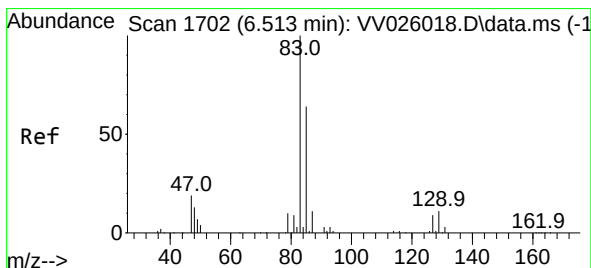
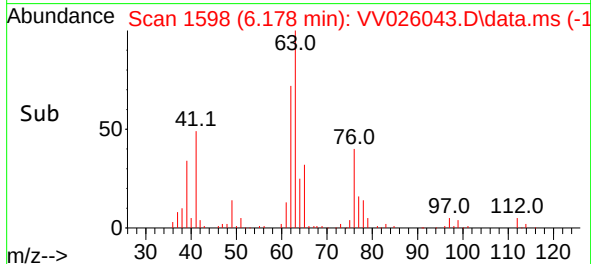
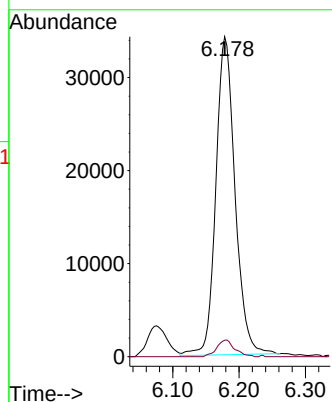
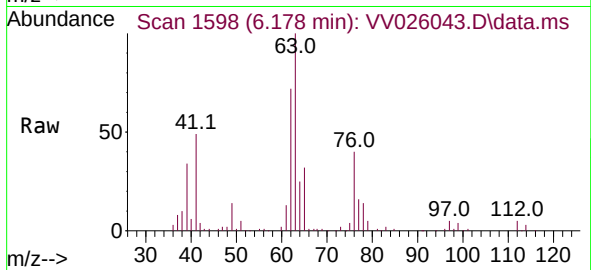




#37
1,2-Dichloropropane
Concen: 4.855 ug/L
RT: 6.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

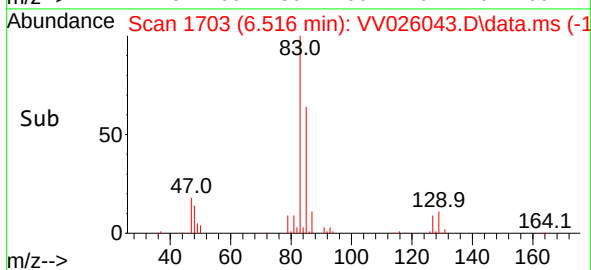
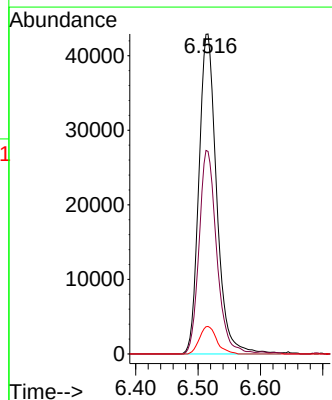
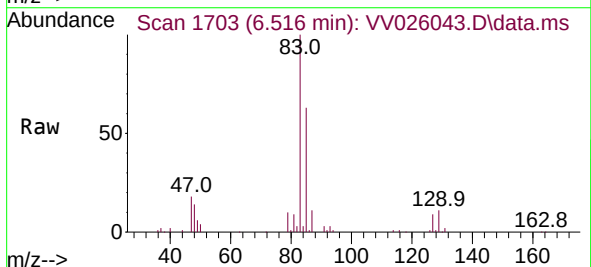
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

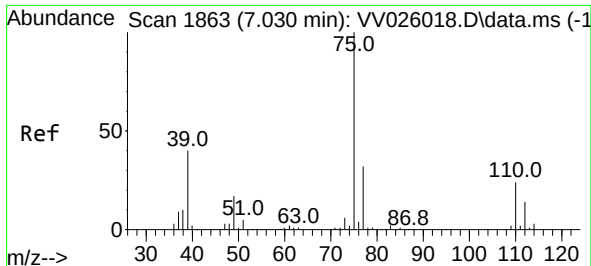
Tgt Ion: 63 Resp: 68678
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 4.967 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 83 Resp: 84881
Ion Ratio Lower Upper
83 100
85 63.3 44.8 83.2
127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.489 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

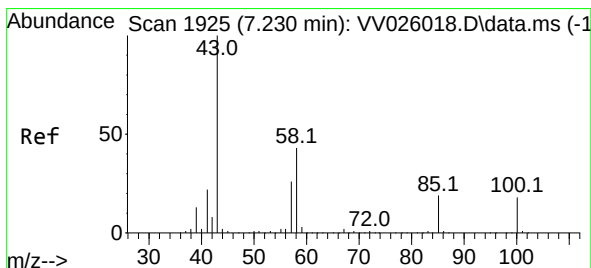
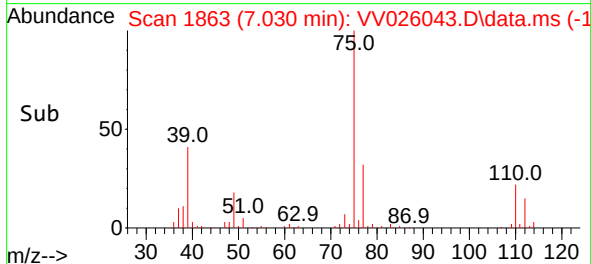
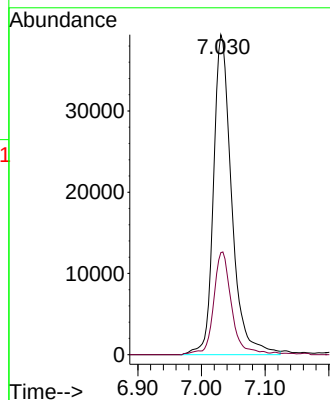
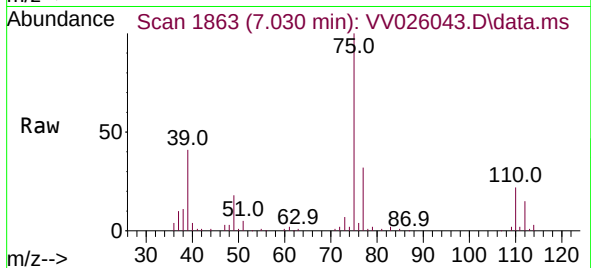
H0B00MSD

Tgt Ion: 75 Resp: 78238

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.922 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

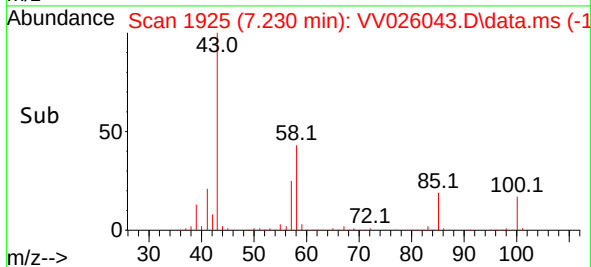
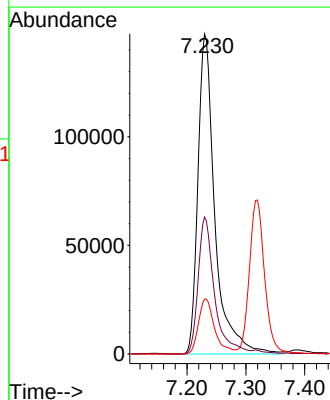
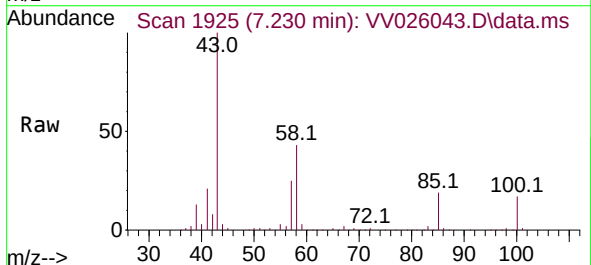
Tgt Ion: 43 Resp: 294235

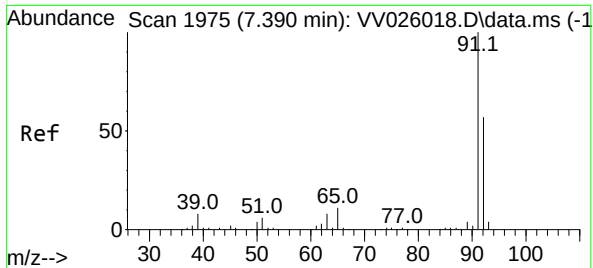
Ion Ratio Lower Upper

43 100

58 41.2 34.2 51.2

100 16.4 12.6 19.0





#42

Toluene

Concen: 5.108 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

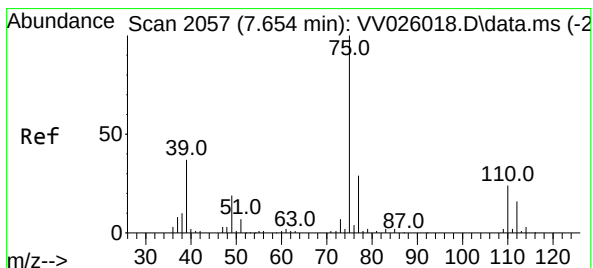
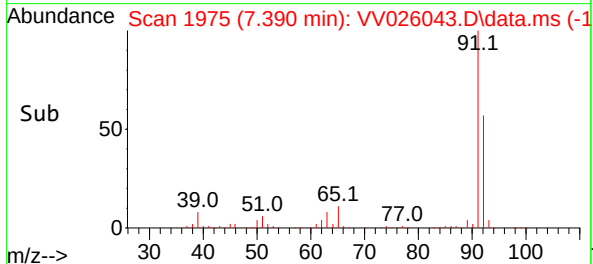
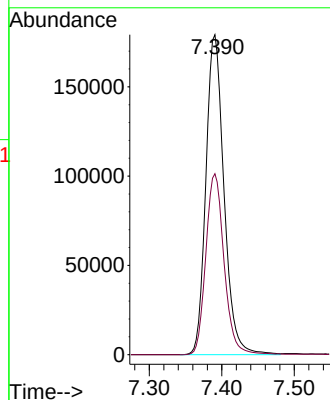
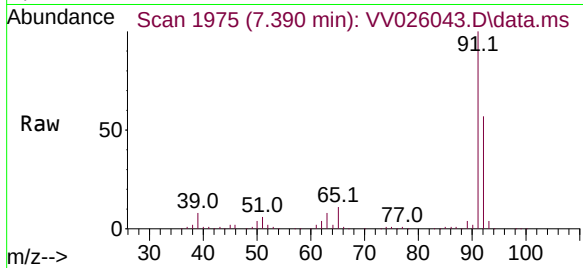
H0B00MSD

Tgt Ion: 91 Resp: 311517

Ion Ratio Lower Upper

91 100

92 56.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.529 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026043.D

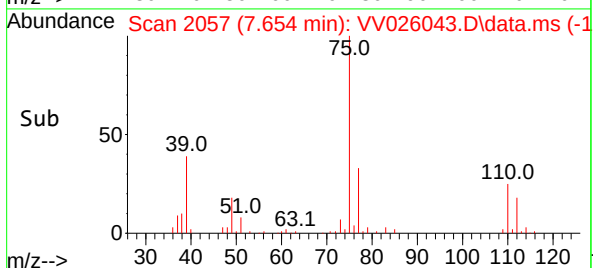
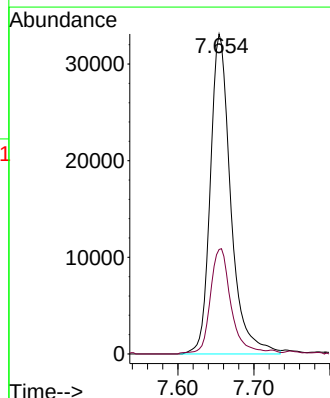
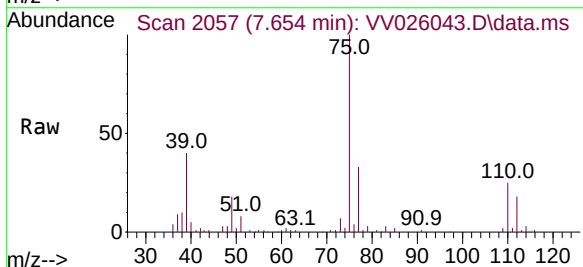
Acq: 09 Jun 2022 00:13

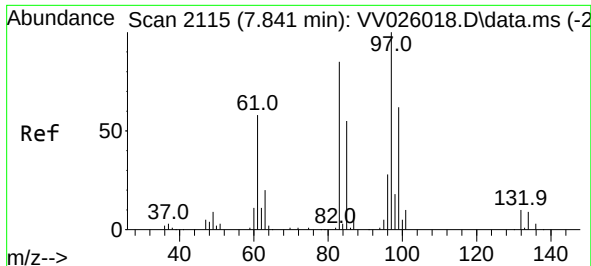
Tgt Ion: 75 Resp: 61846

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.878 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

H0B00MSD

Tgt Ion: 97 Resp: 44802

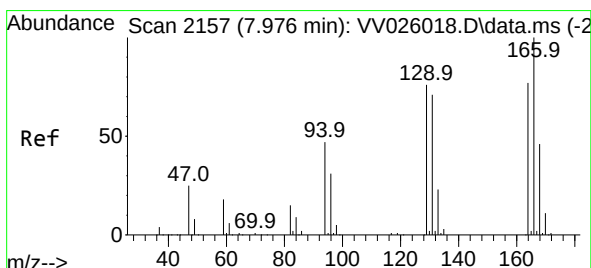
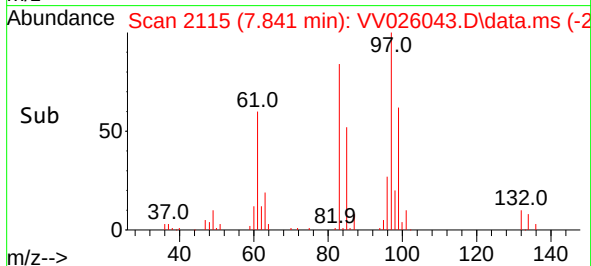
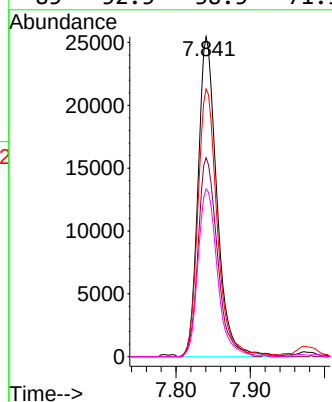
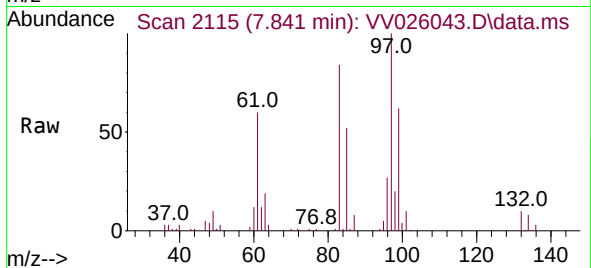
Ion Ratio Lower Upper

97 100

99 62.1 43.5 80.7

83 83.6 59.6 110.8

85 52.5 38.5 71.5



#47

Tetrachloroethene

Concen: 4.698 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Tgt Ion: 164 Resp: 55447

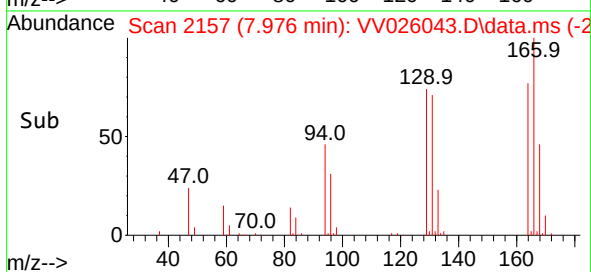
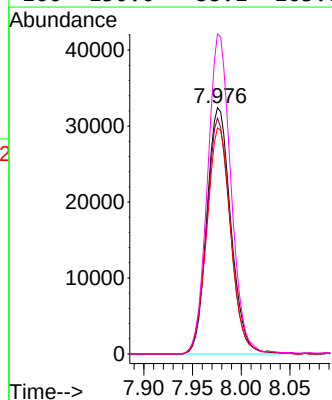
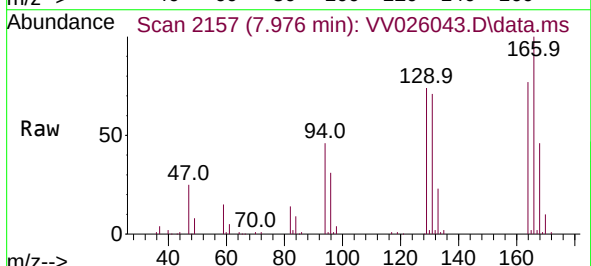
Ion Ratio Lower Upper

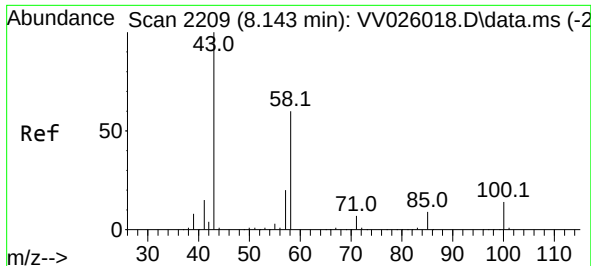
164 100

129 95.8 68.3 126.9

131 91.9 66.5 123.5

166 130.0 88.1 163.7



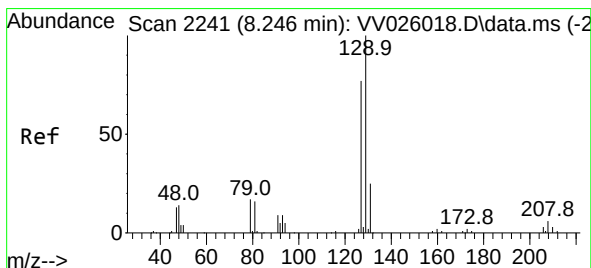
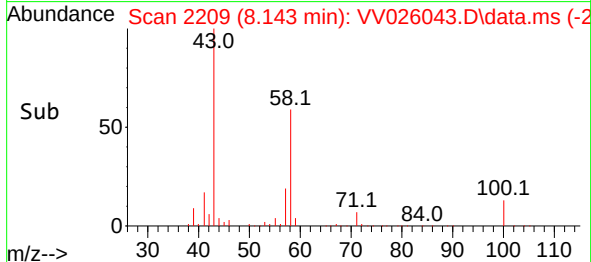
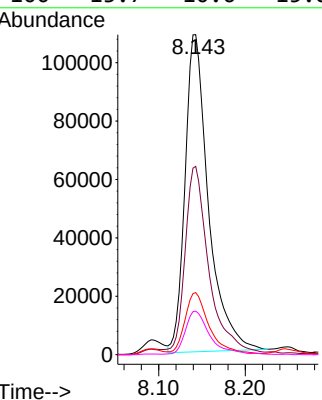
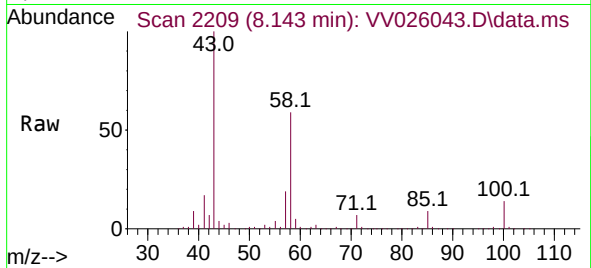


#48
2-Hexanone
Concen: 49.831 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

Tgt Ion: 43 Resp: 204383

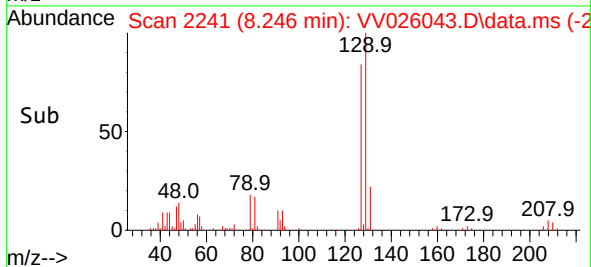
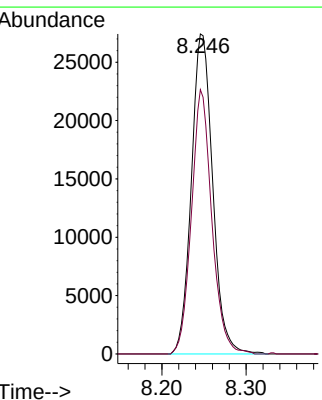
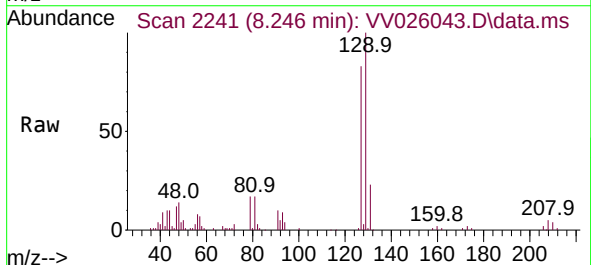
Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.4	71.2
57	20.4	15.5	23.3
100	13.7	10.6	15.8

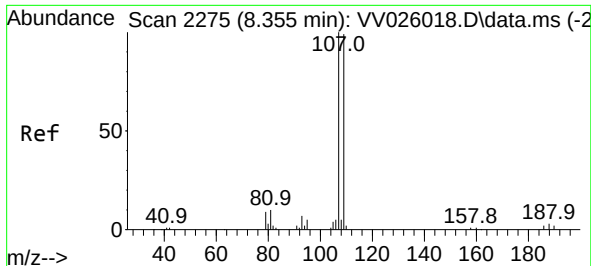


#49
Dibromochloromethane
Concen: 4.824 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 129 Resp: 48368

Ion	Ratio	Lower	Upper
129	100		
127	82.6	55.9	103.7





#50

1,2-Dibromoethane

Concen: 4.847 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

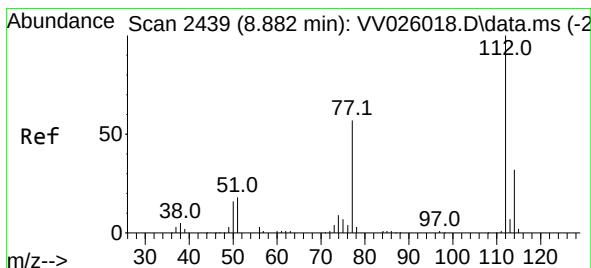
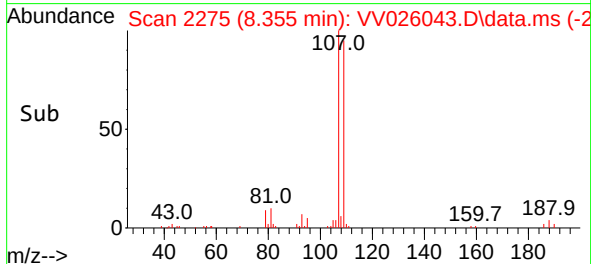
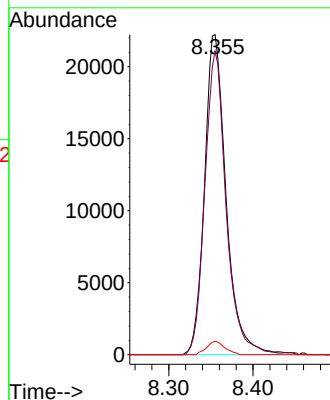
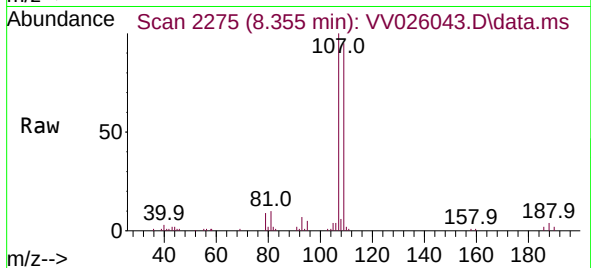
Instrument :

MSVOA_V

ClientSampleId :

H0B00MSD

Tgt Ion:	107	Resp:	39614
Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.8	120.3
188	4.1	2.7	4.1



#51

Chlorobenzene

Concen: 4.551 ug/L

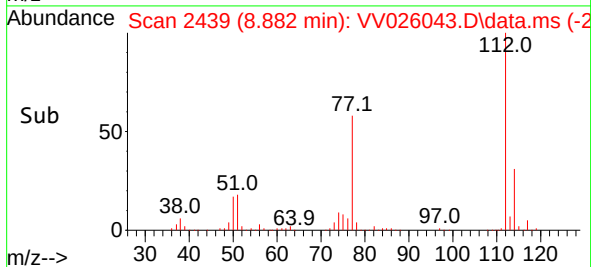
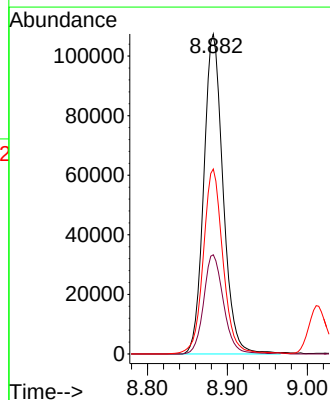
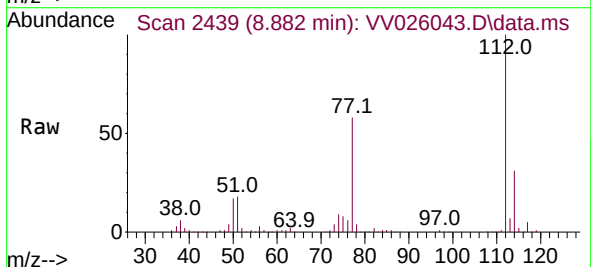
RT: 8.882 min Scan# 2439

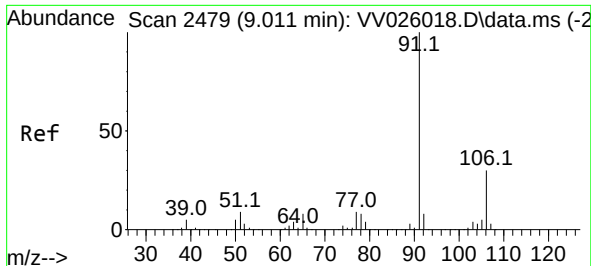
Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Tgt Ion:	112	Resp:	180639
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.3	41.5
77	57.8	44.6	66.8





#52

Ethylbenzene

Concen: 4.524 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV026043.D

Acq: 09 Jun 2022 00:13

Instrument :

MSVOA_V

ClientSampleId :

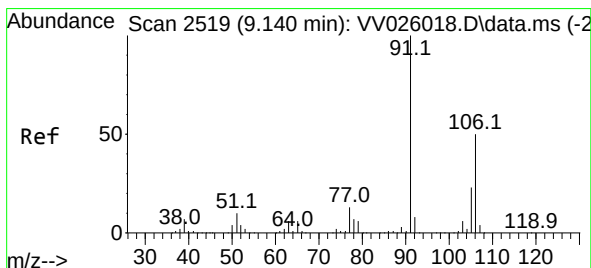
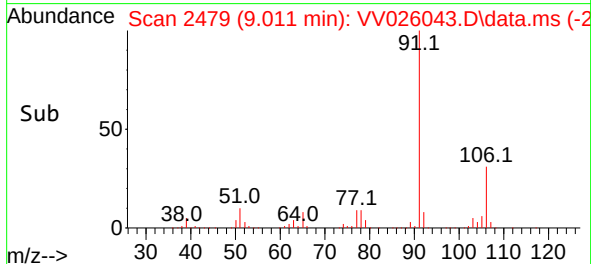
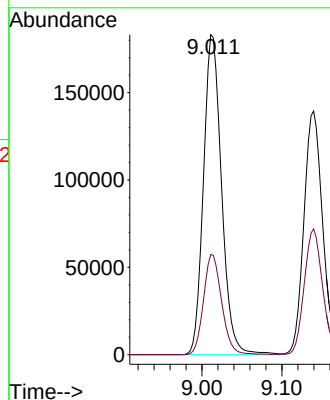
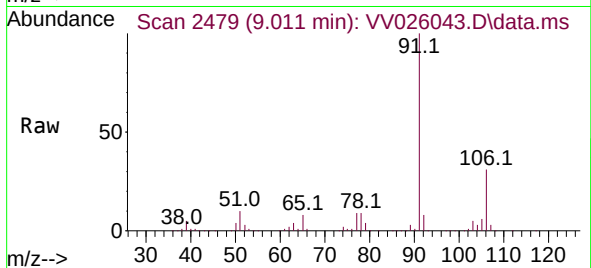
H0B00MSD

Tgt Ion: 91 Resp: 289149

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 4.682 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV026043.D

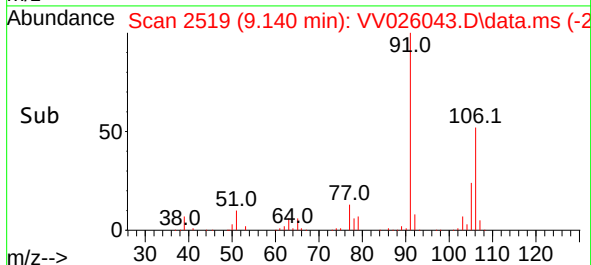
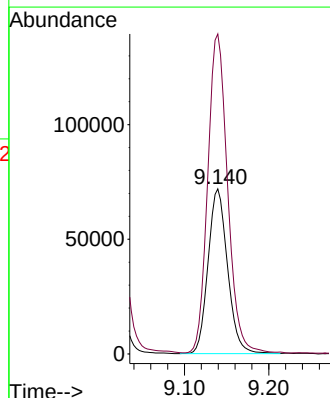
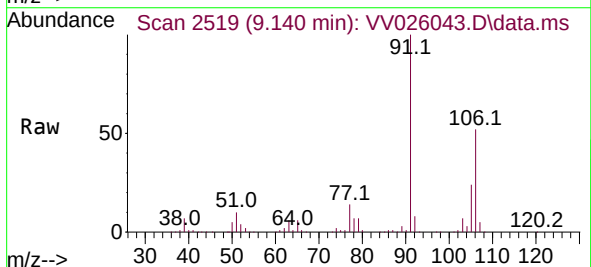
Acq: 09 Jun 2022 00:13

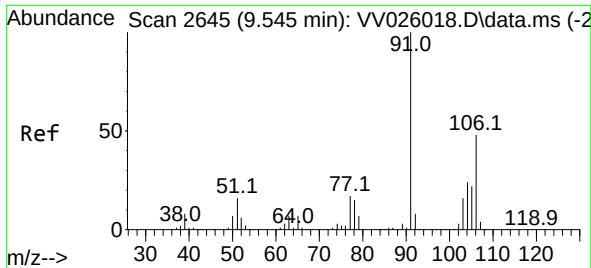
Tgt Ion: 106 Resp: 115667

Ion Ratio Lower Upper

106 100

91 193.8 140.4 260.8

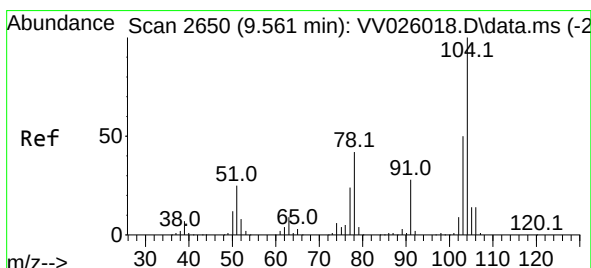
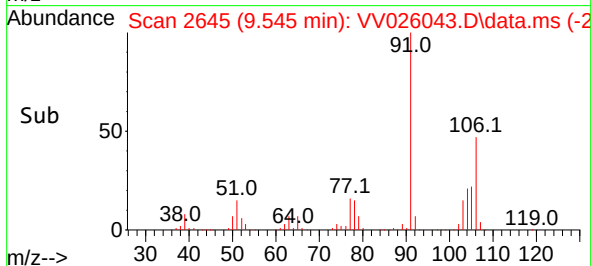
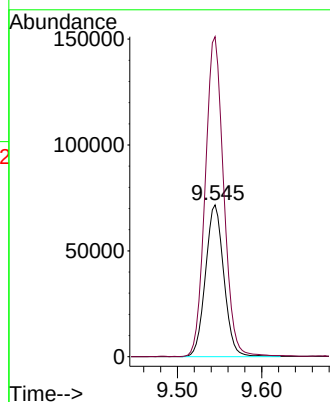
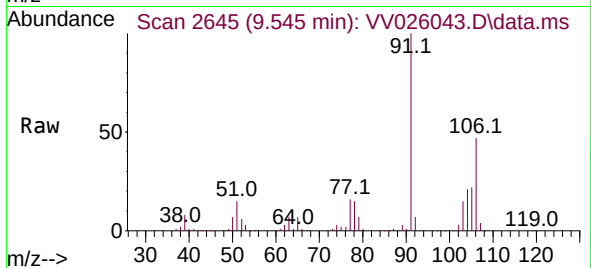




#54
o-Xylene
Concen: 4.645 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

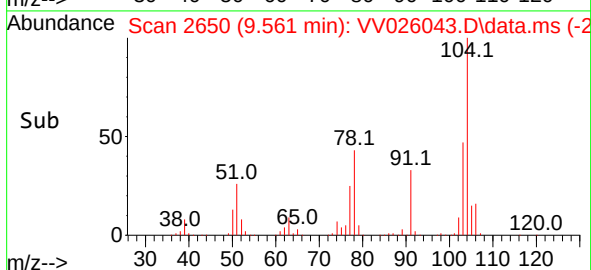
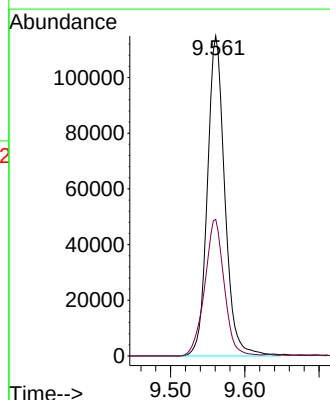
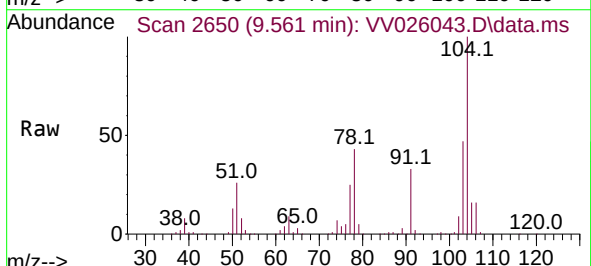
Instrument : MSVOA_V
ClientSampleId : H0B00MSD

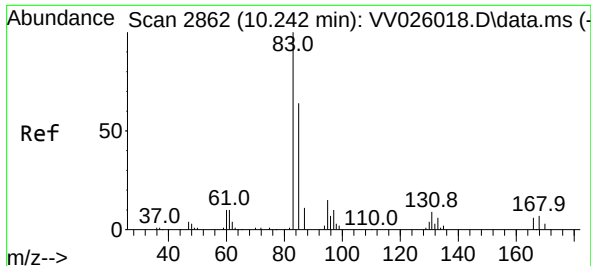
Tgt Ion:106 Resp: 109096
Ion Ratio Lower Upper
106 100
91 210.7 145.4 270.0



#55
Styrene
Concen: 4.754 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:104 Resp: 187028
Ion Ratio Lower Upper
104 100
78 42.7 29.1 54.1

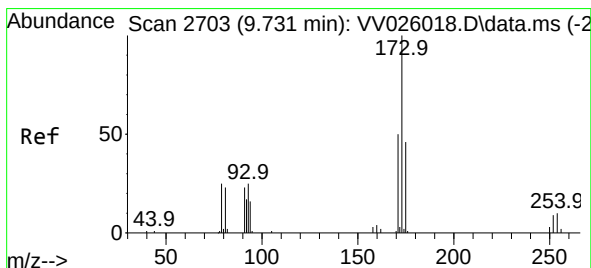
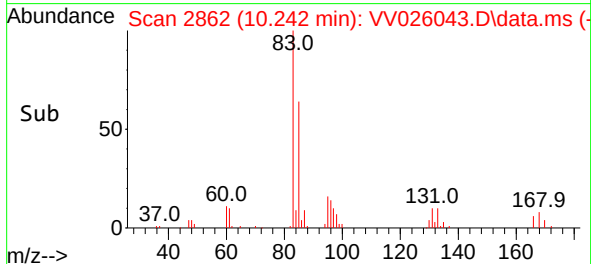
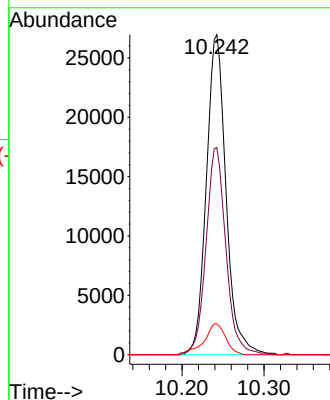
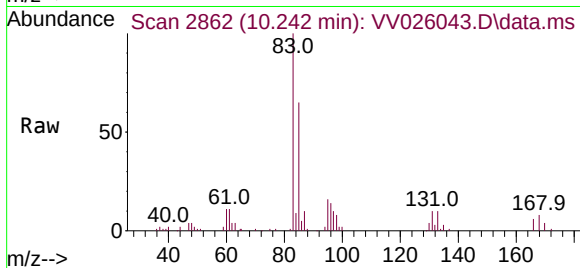




#57
1,1,2,2-Tetrachloroethane
Concen: 4.569 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

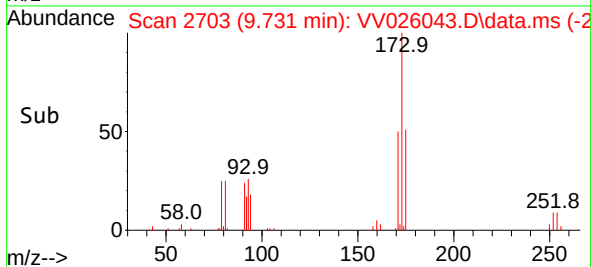
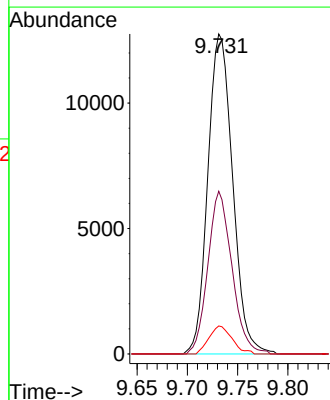
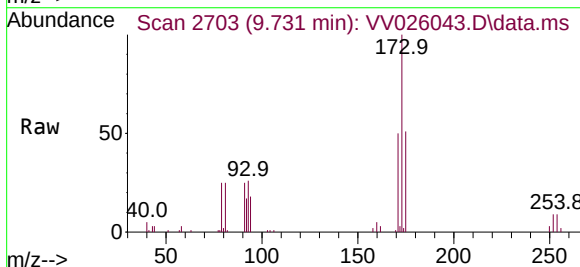
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

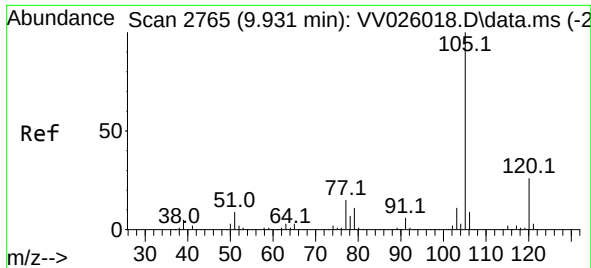
Tgt Ion:	83	Resp:	44931
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.4	86.2
131	9.6	7.1	10.7



#59
Bromoform
Concen: 5.003 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:	173	Resp:	21883
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.8	58.2
254	8.1	6.9	10.3

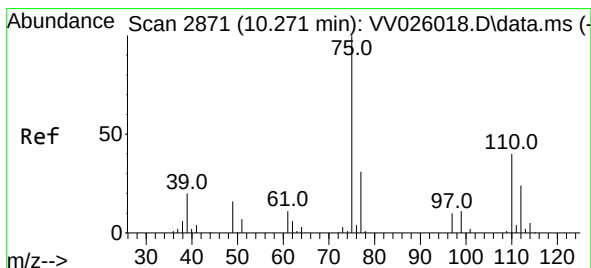
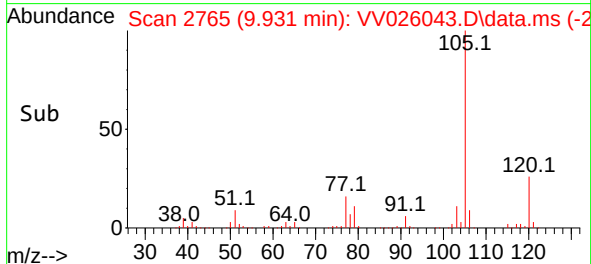
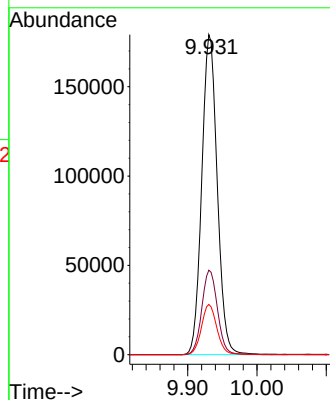
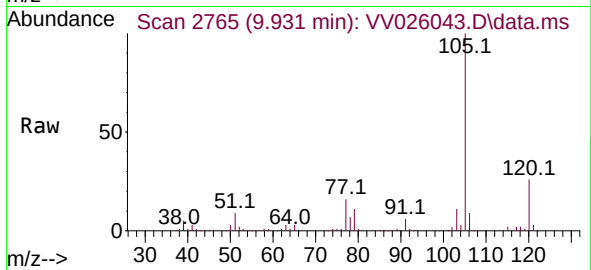




#60
Isopropylbenzene
Concen: 4.481 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

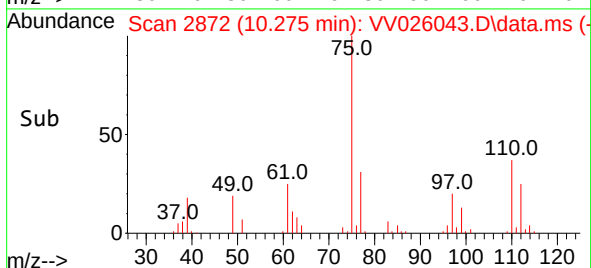
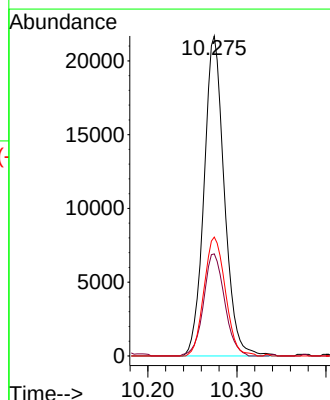
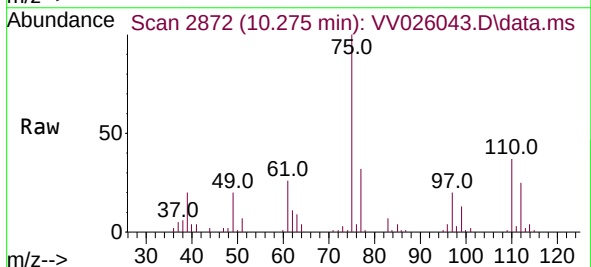
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

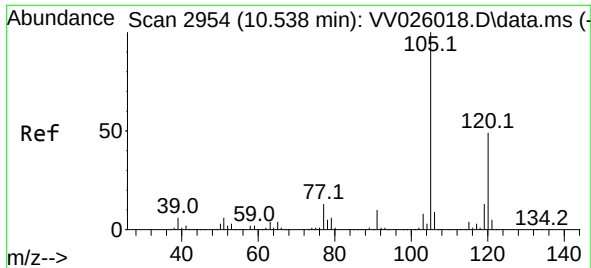
Tgt Ion:105 Resp: 277629
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.700 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 75 Resp: 34205
Ion Ratio Lower Upper
75 100
77 33.1 26.6 40.0
110 39.2 32.0 48.0

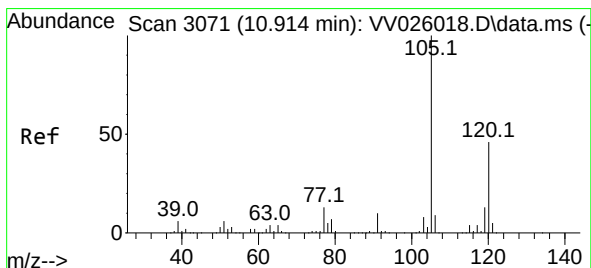
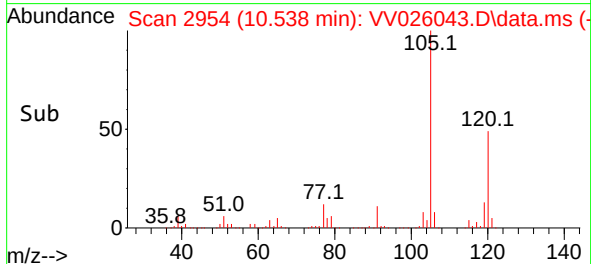
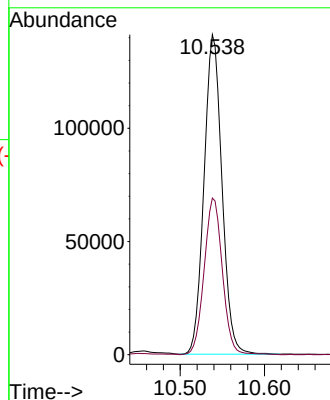
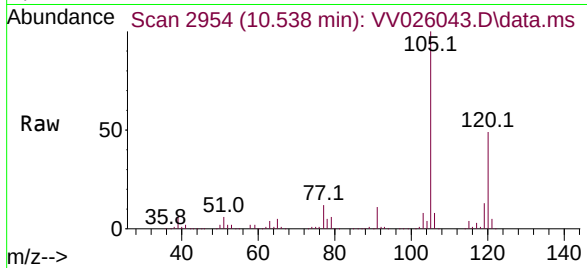




#62
 1,3,5-Trimethylbenzene
 Concen: 4.272 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

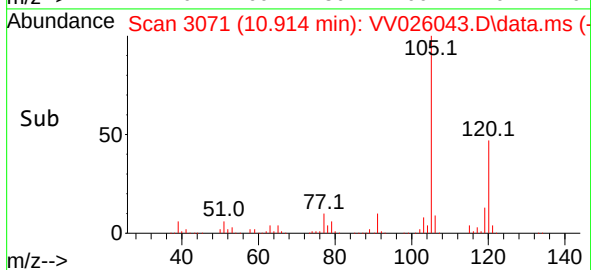
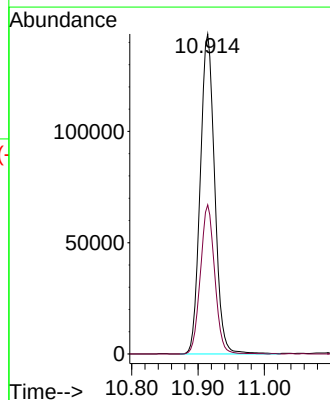
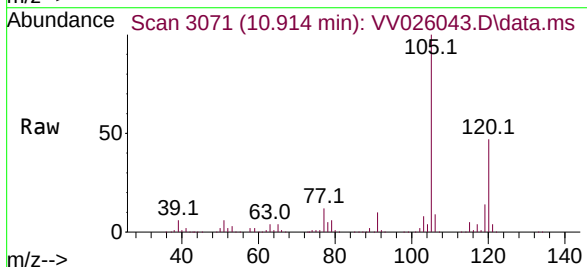
Instrument :
 MSVOA_V
 ClientSampleId :
 H0B00MSD

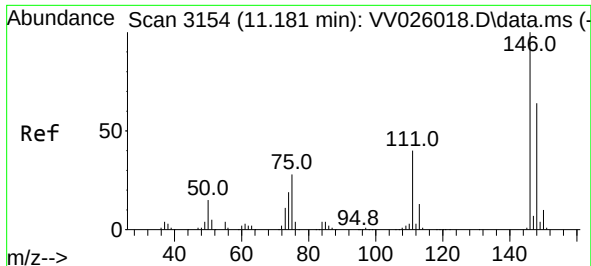
Tgt Ion:105 Resp: 209626
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.459 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026043.D
 Acq: 09 Jun 2022 00:13

Tgt Ion:105 Resp: 217870
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.7 55.1

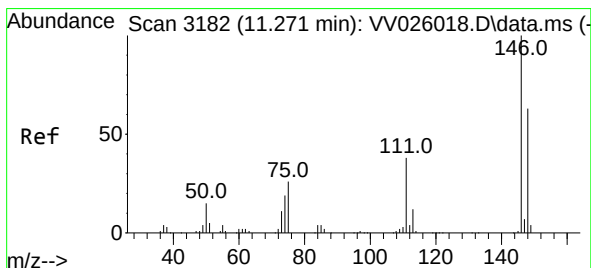
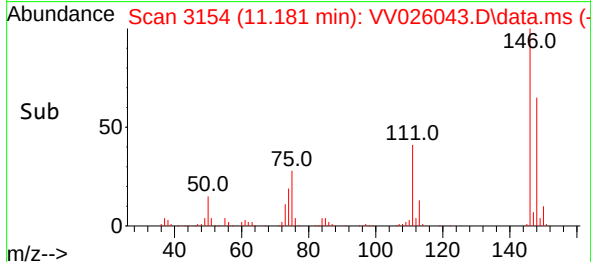
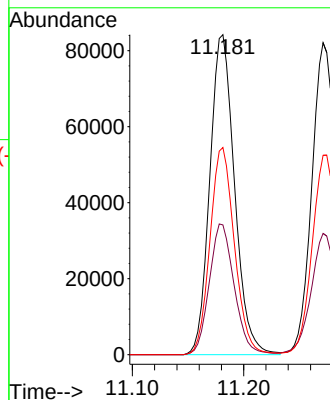
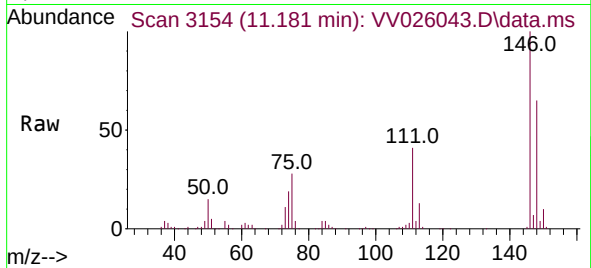




#64
1,3-Dichlorobenzene
Concen: 4.413 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

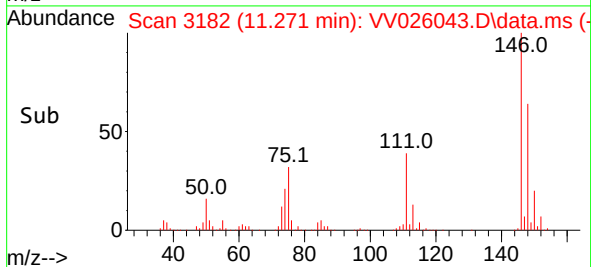
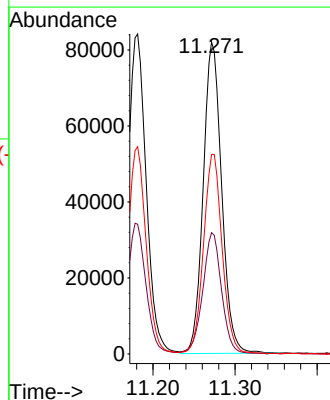
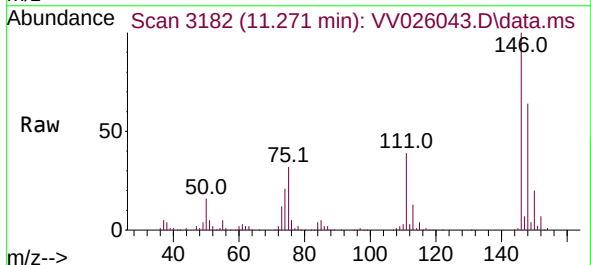
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

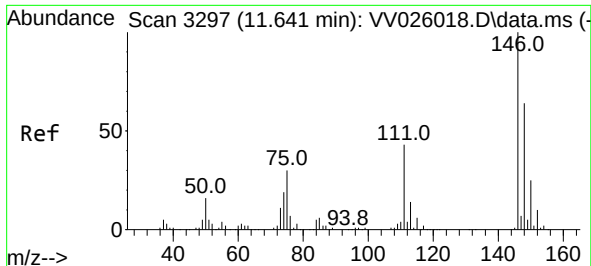
Tgt Ion:146 Resp: 129902
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 64.8 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.274 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:146 Resp: 128126
Ion Ratio Lower Upper
146 100
111 38.9 27.1 50.3
148 63.9 43.8 81.4

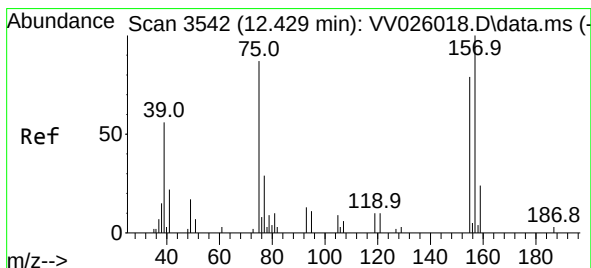
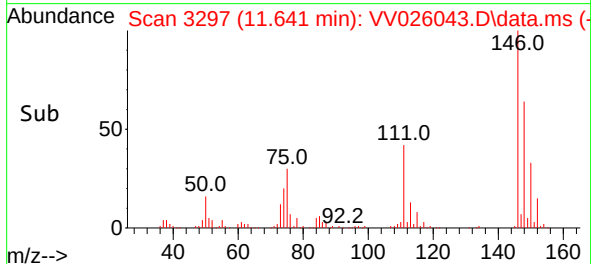
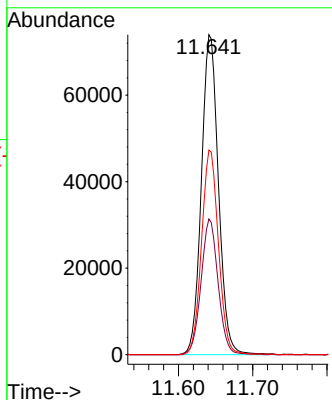
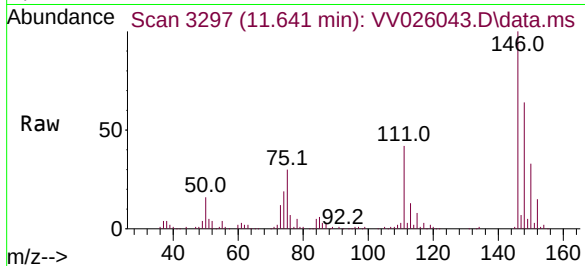




#67
1,2-Dichlorobenzene
Concen: 4.530 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

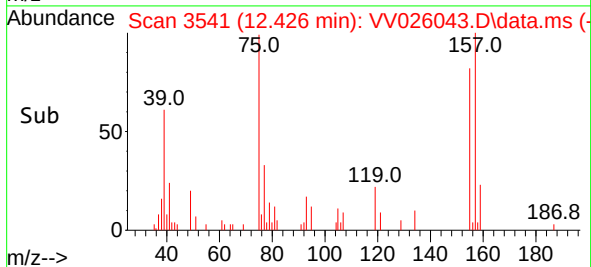
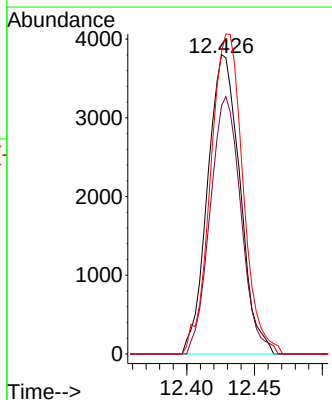
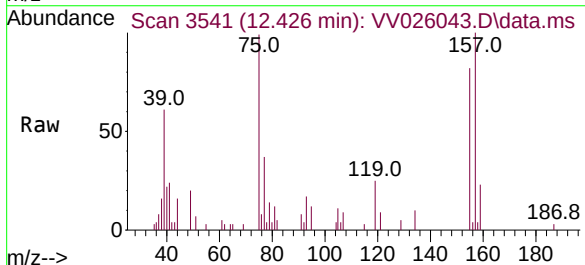
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

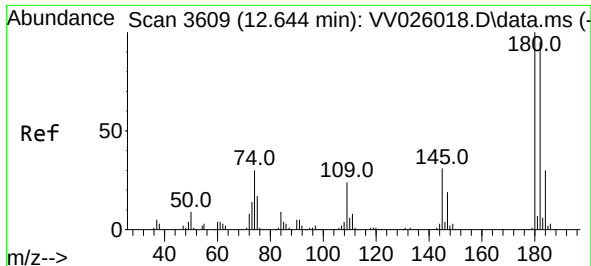
Tgt Ion:146 Resp: 117935
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 64.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.881 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion: 75 Resp: 6312
Ion Ratio Lower Upper
75 100
155 83.0 68.0 102.0
157 100.9 89.7 134.5

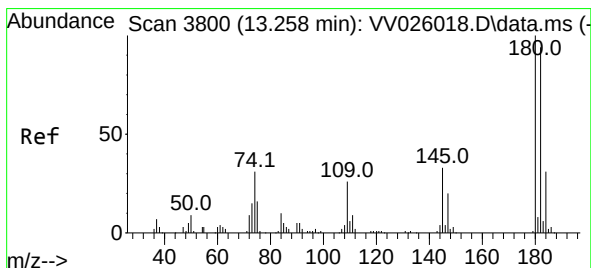
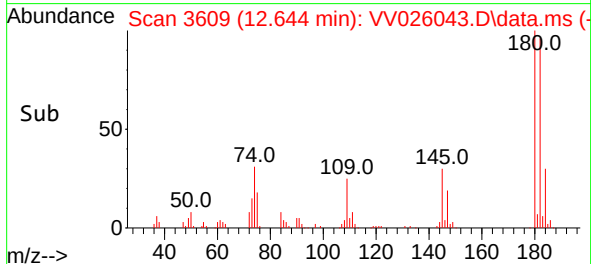
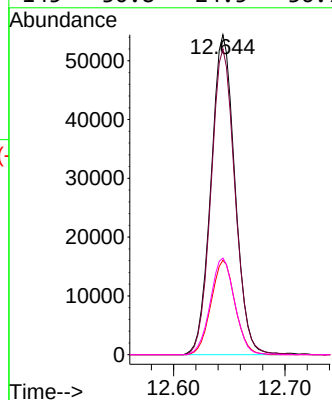
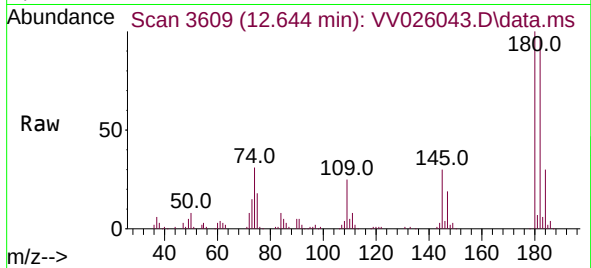




#69
1,3,5-Trichlorobenzene
Concen: 3.798 ug/L
RT: 12.644 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

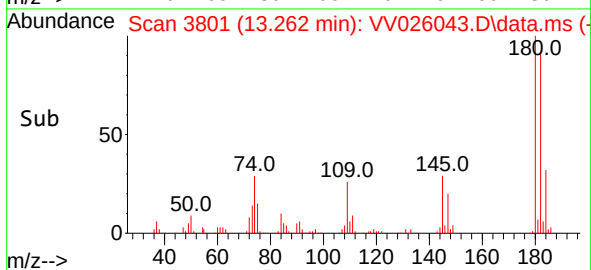
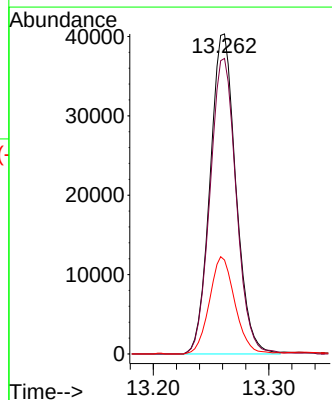
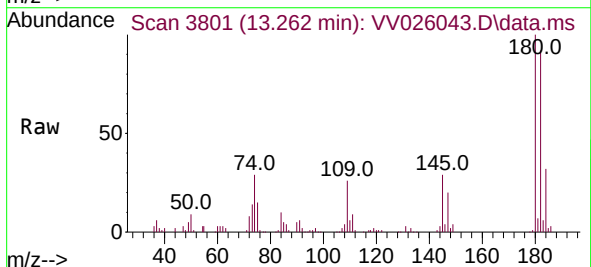
Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

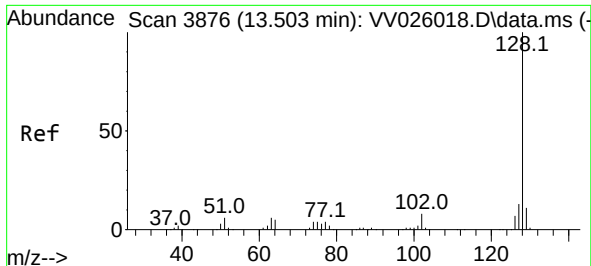
Tgt Ion:180	Resp:	80971
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.3 114.5
184	29.5	24.0 36.0
145	30.8	24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 3.937 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:180	Resp:	62564
Ion Ratio	Lower	Upper
180	100	
182	93.8	74.2 111.4
145	30.1	24.1 36.1

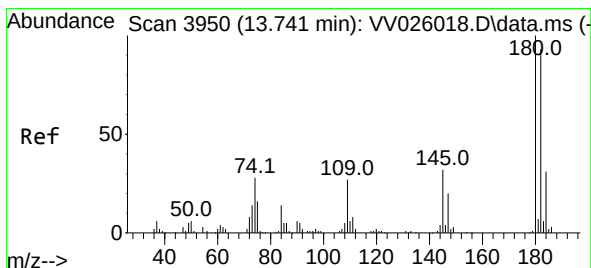
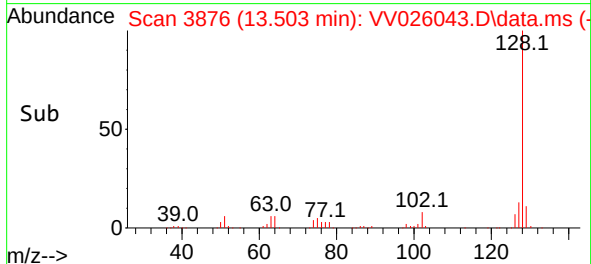
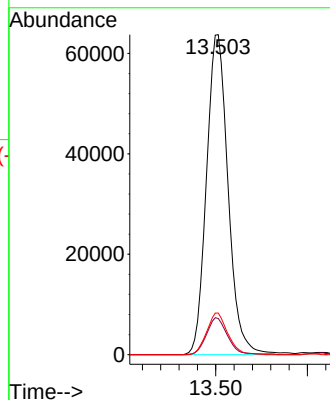
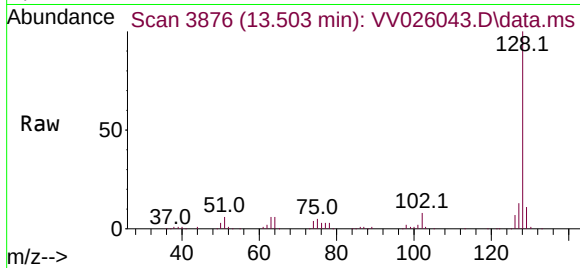




#71
Naphthalene
Concen: 4.622 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Instrument :
MSVOA_V
ClientSampleId :
H0B00MSD

Tgt Ion:128 Resp: 104351
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.131 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026043.D
Acq: 09 Jun 2022 00:13

Tgt Ion:180 Resp: 55565
Ion Ratio Lower Upper
180 100
182 96.0 74.0 111.0
145 35.1 25.5 38.3

