

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025148.D
 Acq On : 24 Mar 2022 13:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Mar 25 02:48:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	184253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	172409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81299	5.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.800%
7) Chloroethane-d5	1.568	69	63144	5.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.600%
11) 1,1-Dichloroethene-d2	2.111	63	129973	5.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	3.892	46	116170	66.081	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.160%#
24) Chloroform-d	4.346	84	139184	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.031	65	57492	5.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.047	84	292502	5.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
36) 1,2-Dichloropropane-d6	6.066	67	81642	5.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.313	98	269804	5.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
43) trans-1,3-Dichloroprop...	7.619	79	28021	5.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.085	63	101981	59.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50776	6.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	86296	5.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	73914	4.540	ug/L	99
3) Chloromethane	1.243	50	66881	4.356	ug/L	98
5) Vinyl chloride	1.310	62	76314	4.711	ug/L	99
6) Bromomethane	1.523	94	47397	4.527	ug/L	100
8) Chloroethane	1.587	64	48630	4.951	ug/L	98
9) Trichlorofluoromethane	1.754	101	111643	5.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63877	5.347	ug/L	96
12) 1,1-Dichloroethene	2.121	96	61744	5.260	ug/L	95
13) Acetone	2.188	43	71780	61.051	ug/L	79
14) Carbon disulfide	2.294	76	183440	4.368	ug/L	99
15) Methyl Acetate	2.439	43	19333	6.002	ug/L	96
16) Methylene chloride	2.507	84	74679	5.251	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	135325	5.293	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	71012	5.027	ug/L	100
19) 1,1-Dichloroethane	3.188	63	121643	5.060	ug/L	97
21) 2-Butanone	3.979	43	113148	60.974	ug/L	78
22) cis-1,2-Dichloroethene	3.908	96	76706	5.379	ug/L	98
23) Bromochloromethane	4.246	128	31185	5.546	ug/L	95
25) Chloroform	4.371	83	130076	5.196	ug/L	98

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Mar 25 02:48:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

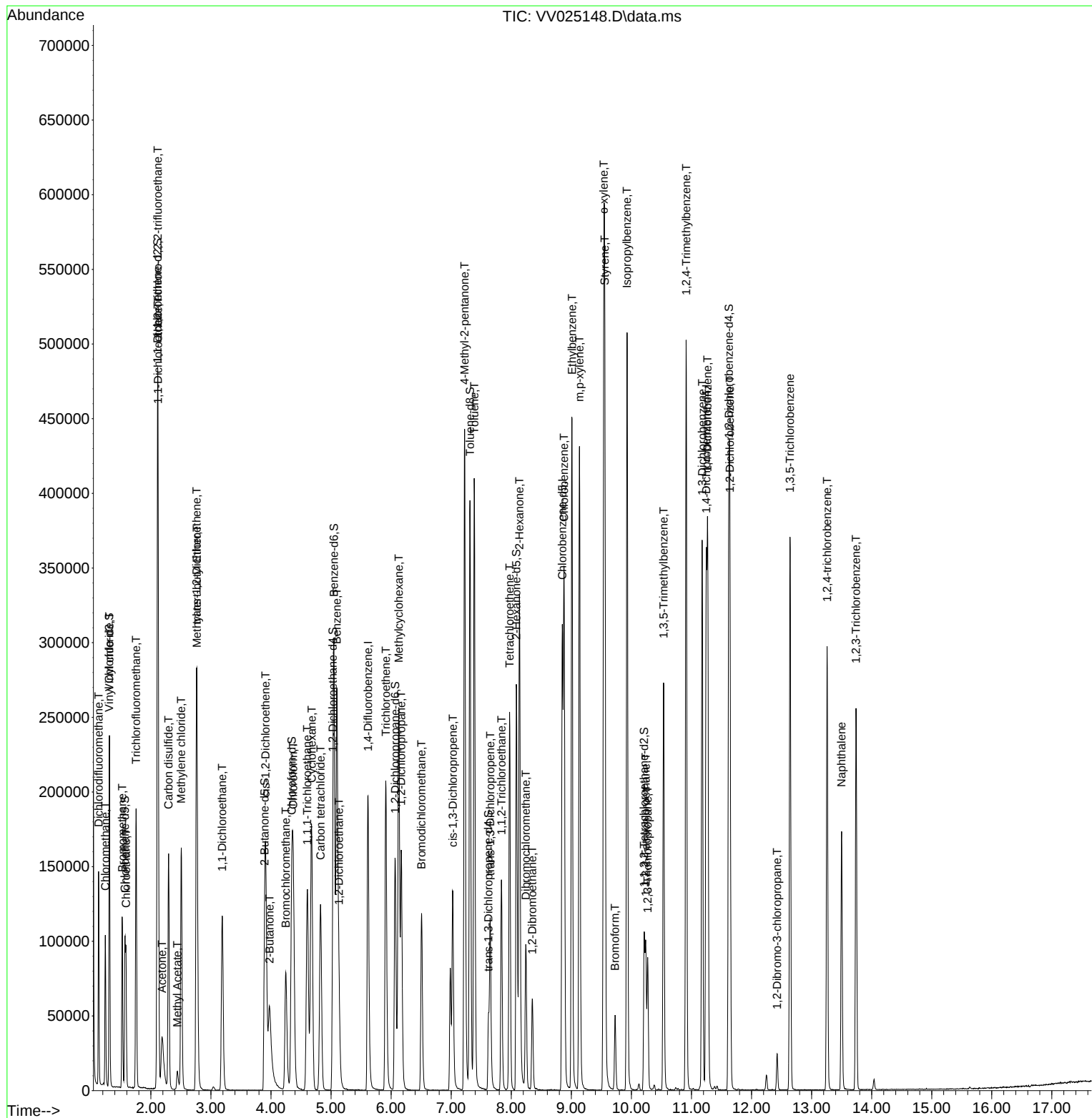
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	64514	5.183	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	113186	5.148	ug/L	98
30) Cyclohexane	4.677	56	100477	4.697	ug/L	97
31) Carbon tetrachloride	4.825	117	97803	5.185	ug/L	99
33) Benzene	5.095	78	285507	5.091	ug/L	100
34) Trichloroethene	5.912	95	76396	5.117	ug/L	97
35) Methylcyclohexane	6.127	83	117360	4.965	ug/L	99
37) 1,2-Dichloropropane	6.169	63	66821	5.185	ug/L	100
38) Bromodichloromethane	6.506	83	85899	5.271	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	90715	5.070	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	275074	51.874	ug/L	97
42) Toluene	7.384	91	311171	5.302	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	70576	5.013	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	46935	5.453	ug/L	98
47) Tetrachloroethene	7.973	164	55060	5.242	ug/L	97
48) 2-Hexanone	8.137	43	196602	52.297	ug/L	95
49) Dibromochloromethane	8.243	129	52144	5.412	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42754	5.428	ug/L	98
51) Chlorobenzene	8.879	112	196053	5.335	ug/L	99
52) Ethylbenzene	9.011	91	331425	5.338	ug/L	99
53) m,p-xylene	9.136	106	129843	5.431	ug/L	95
54) o-xylene	9.542	106	124912	5.464	ug/L	99
55) Styrene	9.558	104	211850	5.690	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48746	5.777	ug/L	94
59) Bromoform	9.728	173	22630	4.863	ug/L	99
60) Isopropylbenzene	9.927	105	335031	5.142	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36020	4.957	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	151133	5.112	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	277246	5.295	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	150876	5.338	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150660	5.288	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	134184	5.358	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	6049	4.856	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	112210	5.620	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	87483	5.624	ug/L	99
71) Naphthalene	13.500	128	139933	5.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73675	5.590	ug/L	97

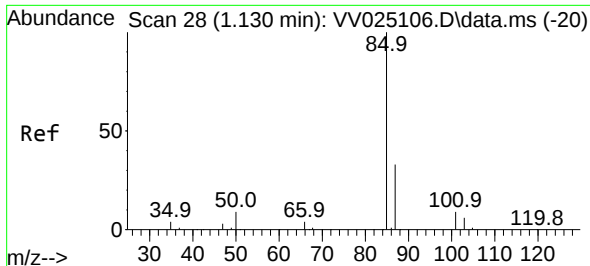
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
 Data File : VV025148.D
 Acq On : 24 Mar 2022 13:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Mar 25 02:48:32 2022
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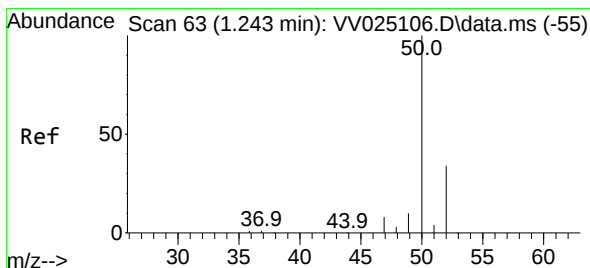
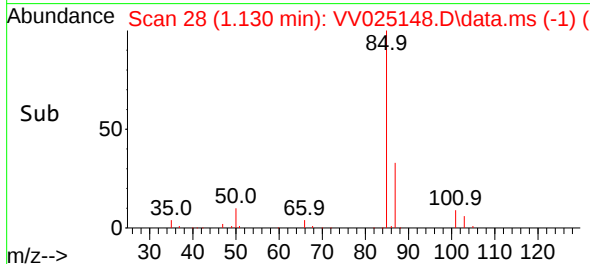
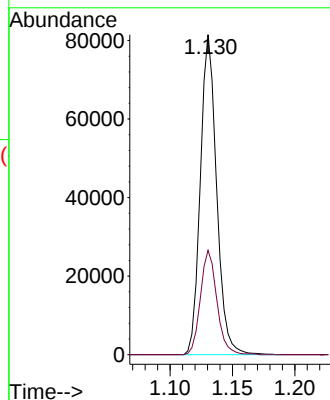
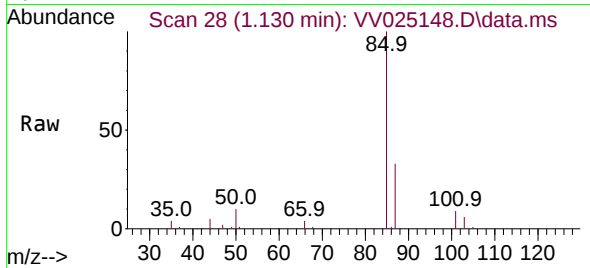




#2
 Dichlorodifluoromethane
 Concen: 4.540 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

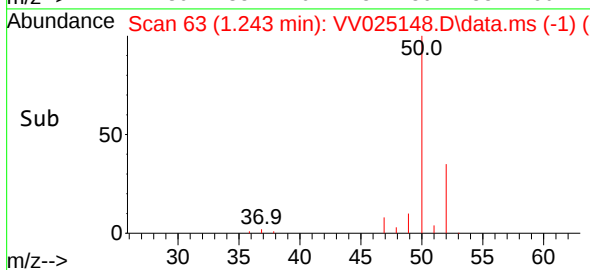
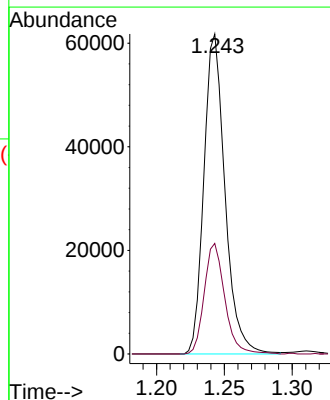
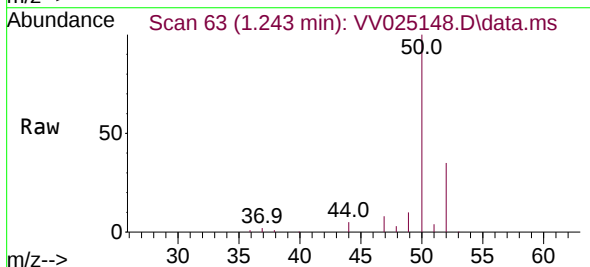
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 ClientSampleId :
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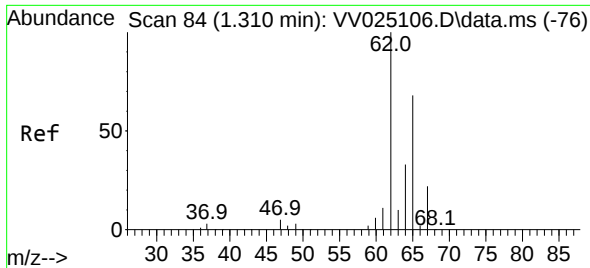
Tgt Ion: 85 Resp: 73914
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.7 40.1



#3
 Chloromethane
 Concen: 4.356 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

Tgt Ion: 50 Resp: 66881
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.2 43.2

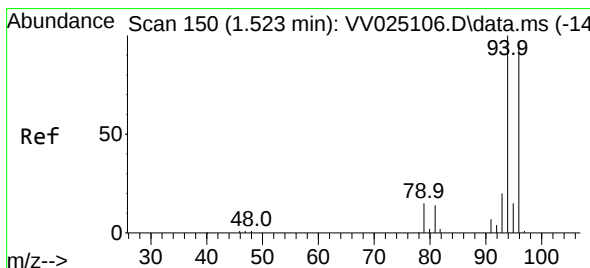
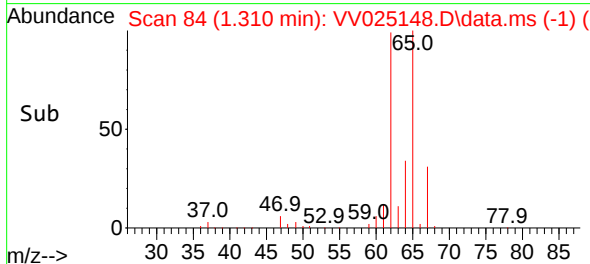
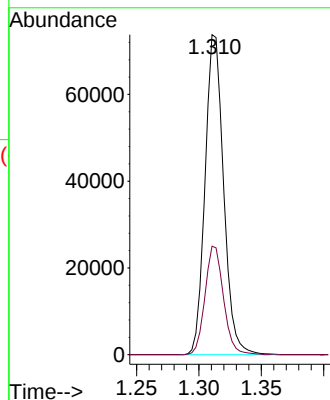
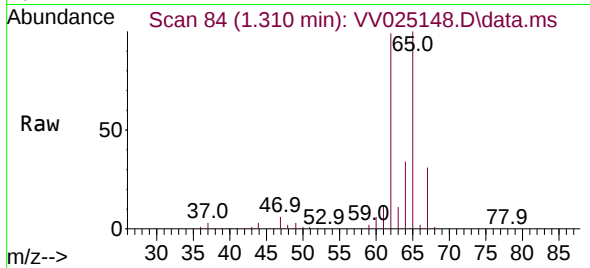




#5
 Vinyl chloride
 Concen: 4.711 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

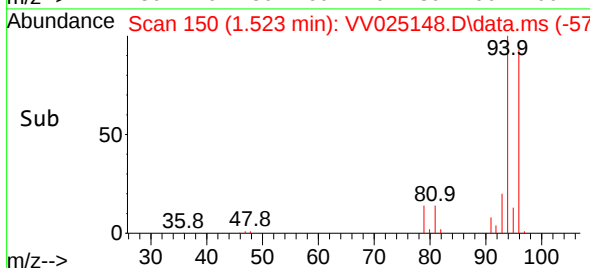
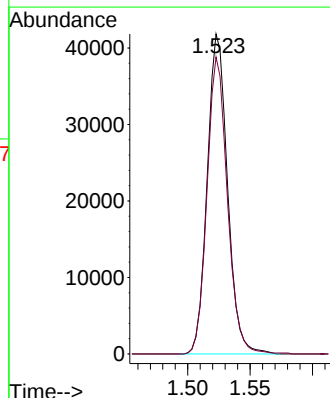
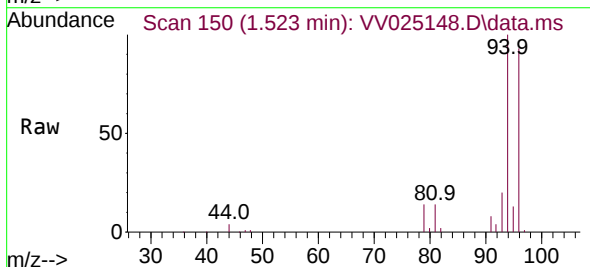
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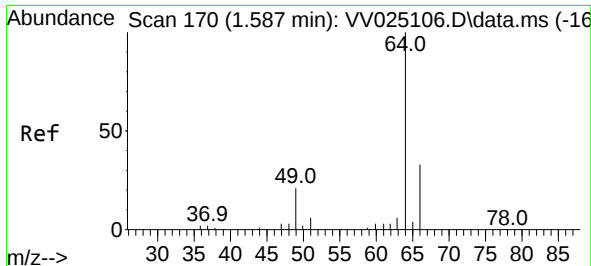
Tgt Ion: 62 Resp: 76314
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.4



#6
 Bromomethane
 Concen: 4.527 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

Tgt Ion: 94 Resp: 47397
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.9 120.5

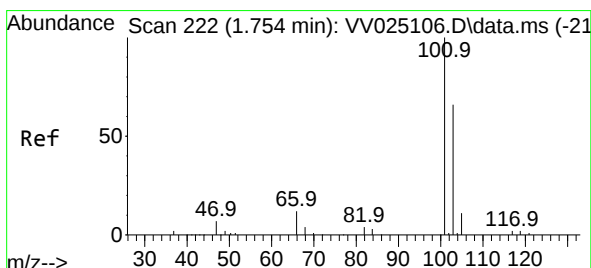
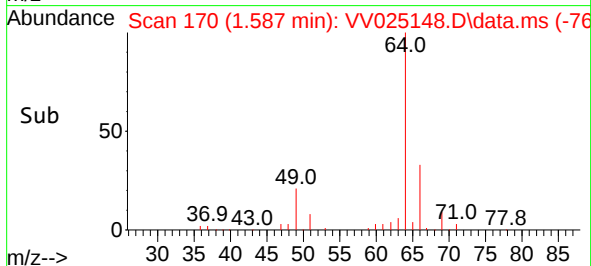
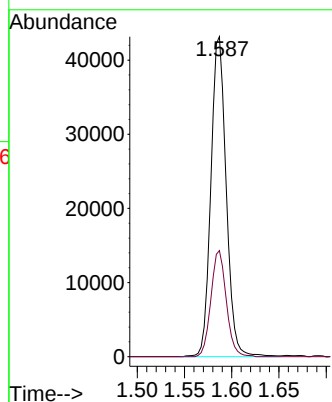
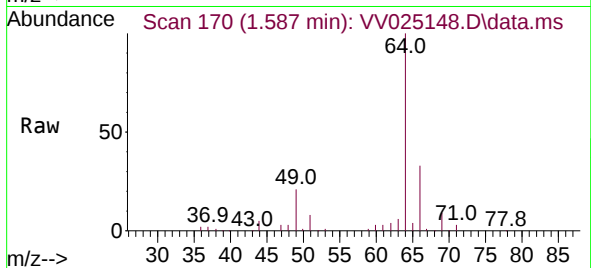




#8
Chloroethane
Concen: 4.951 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

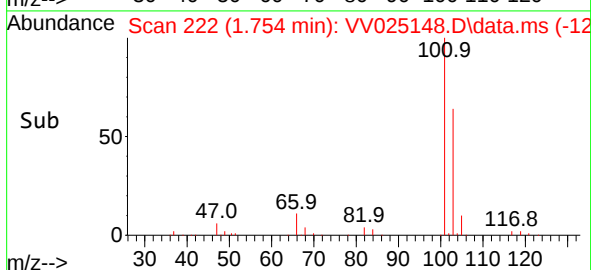
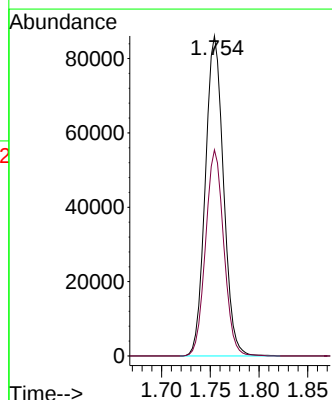
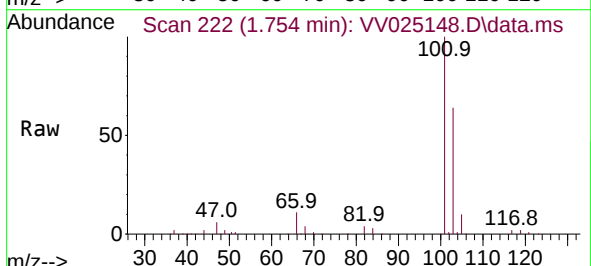
Instrument :
MSVOA_V
ClientSampleId :
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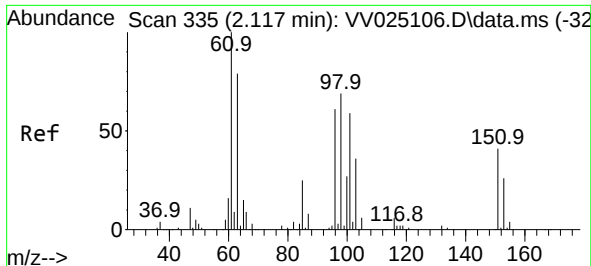
Tgt Ion: 64 Resp: 48630
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.067 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 101 Resp: 111643
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

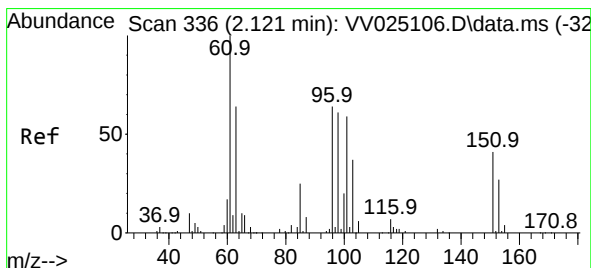
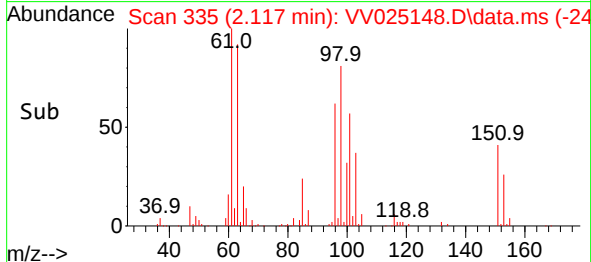
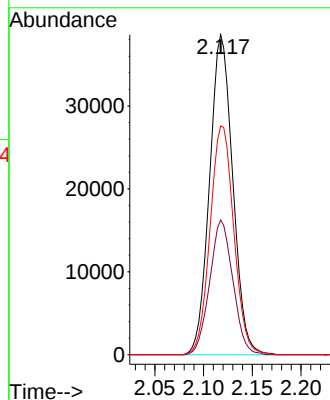
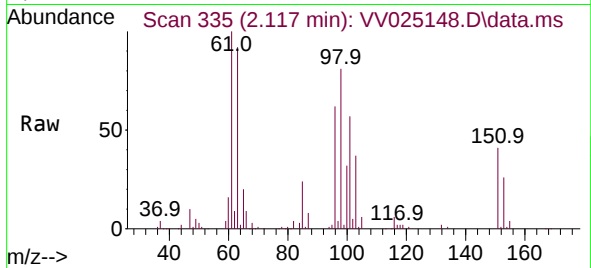




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.347 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

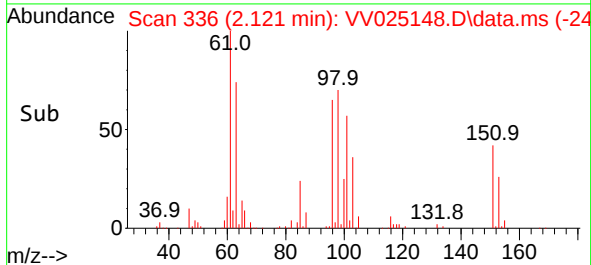
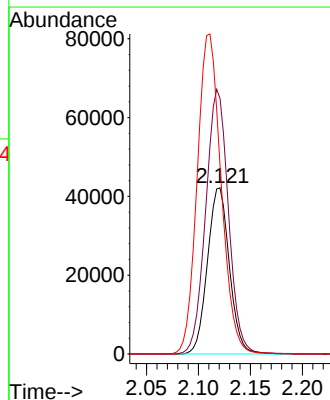
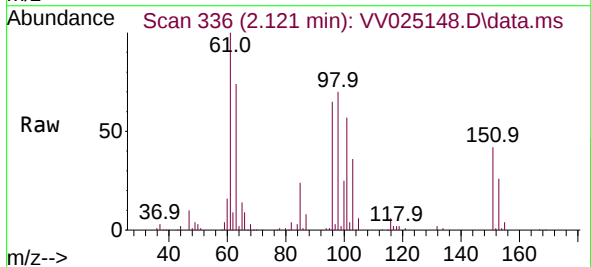
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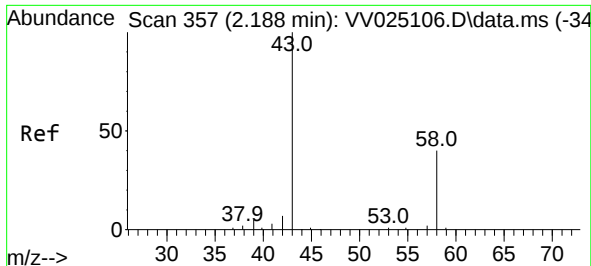
Tgt Ion:101 Resp: 63877
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.8 52.2
 151 73.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.260 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

Tgt Ion: 96 Resp: 61744
 Ion Ratio Lower Upper
 96 100
 61 153.8 113.0 209.9
 63 113.5 82.1 152.5





#13

Acetone

Concen: 61.051 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

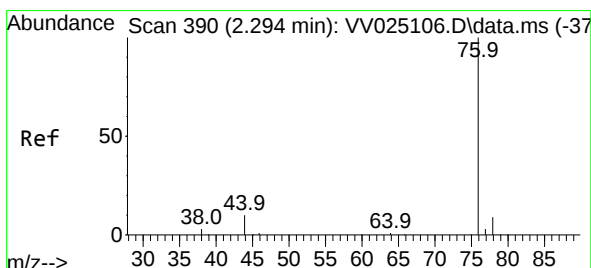
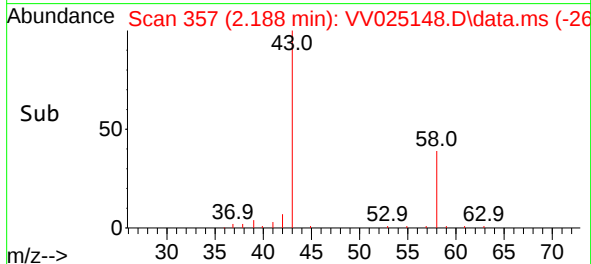
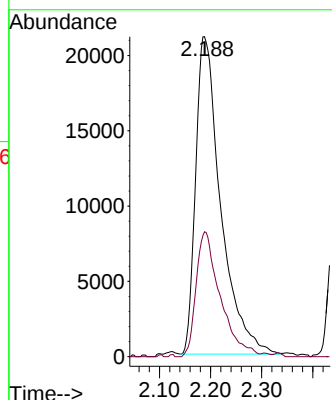
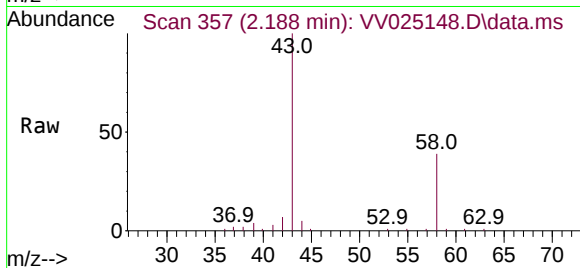
VSTD005346

Tgt Ion: 43 Resp: 71780

Ion Ratio Lower Upper

43 100

58 37.9 0.0 54.2



#14

Carbon disulfide

Concen: 4.368 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025148.D

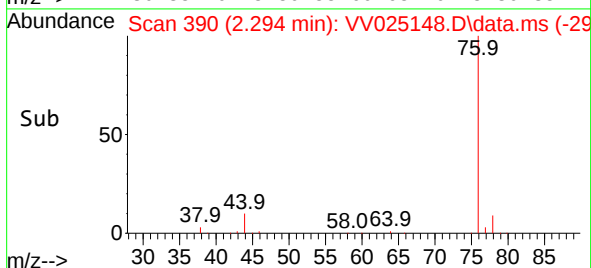
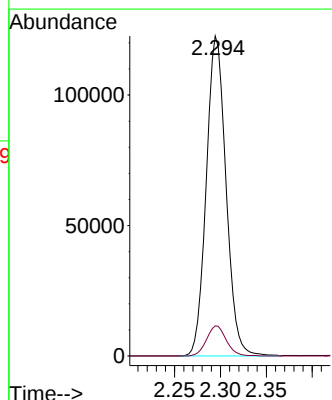
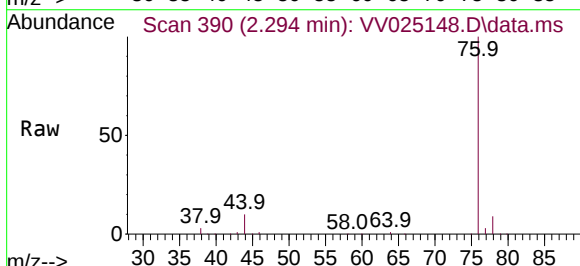
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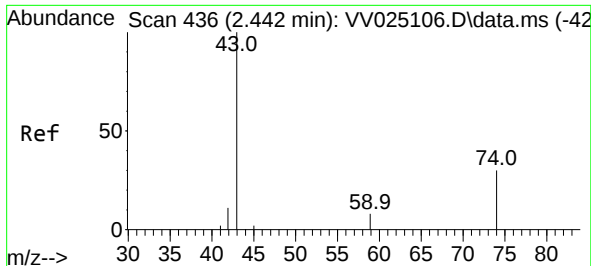
Tgt Ion: 76 Resp: 183440

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

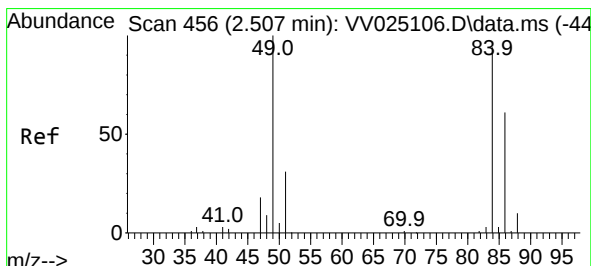
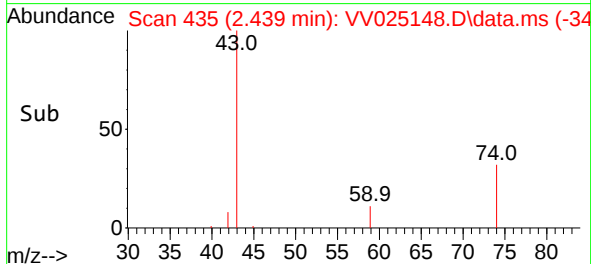
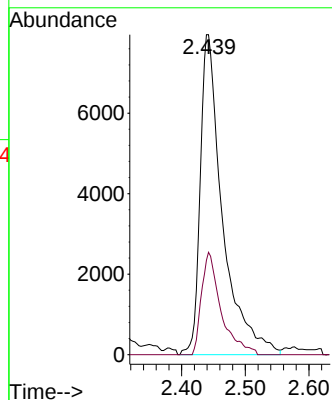
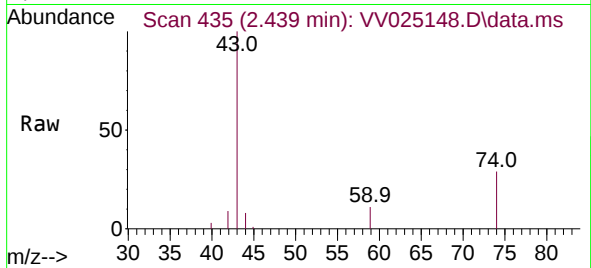




#15
Methyl Acetate
Concen: 6.002 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

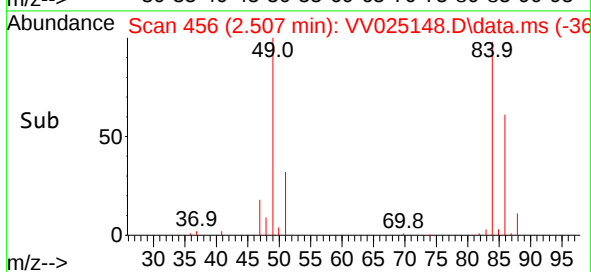
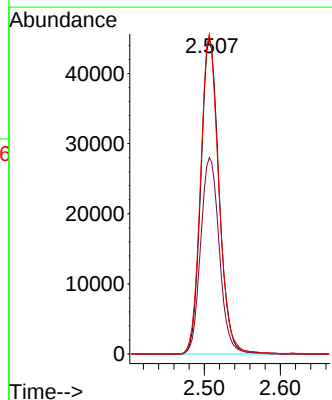
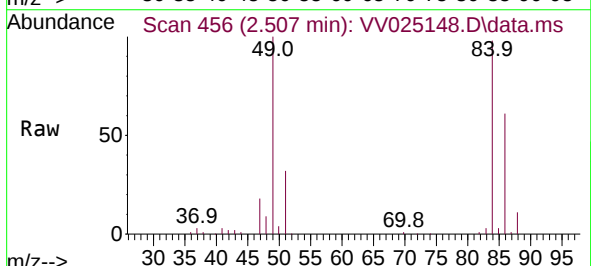
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

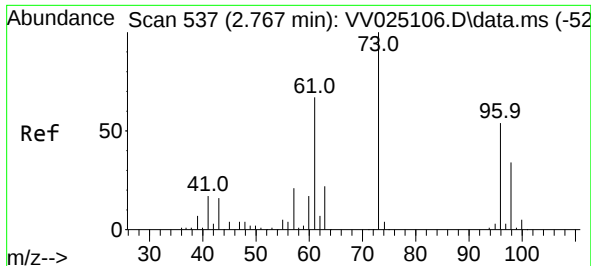
Tgt Ion: 43 Resp: 19333
Ion Ratio Lower Upper
43 100
74 28.0 24.2 36.4



#16
Methylene chloride
Concen: 5.251 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 84 Resp: 74679
Ion Ratio Lower Upper
84 100
86 62.3 45.5 84.5
49 101.5 75.0 139.2

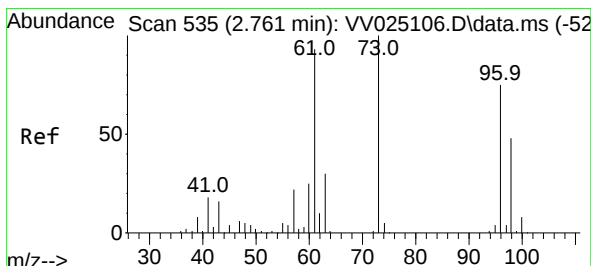
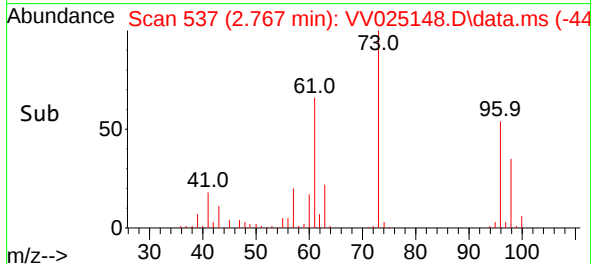
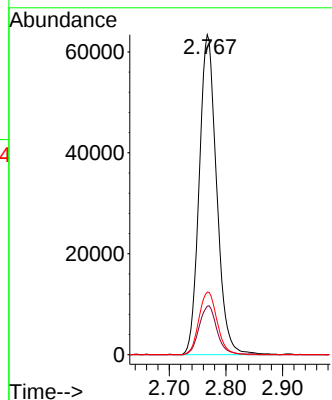
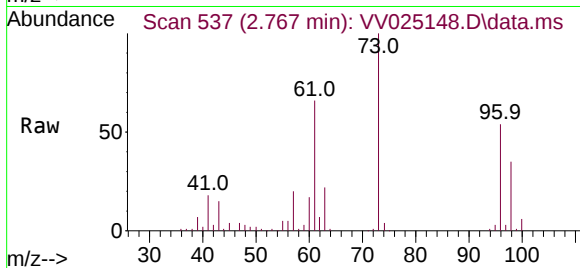




#17
Methyl tert-butyl Ether
Concen: 5.293 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

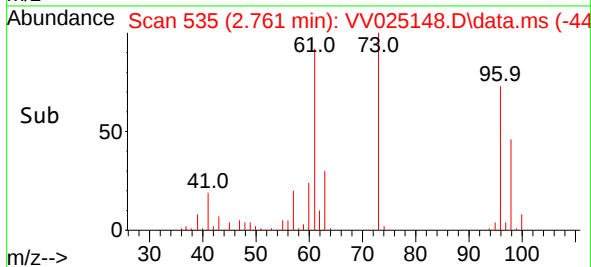
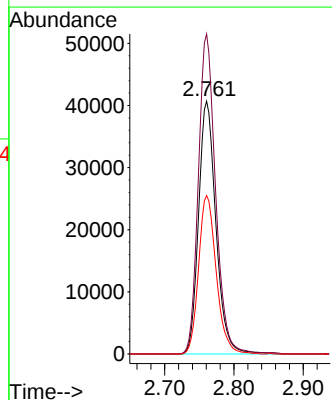
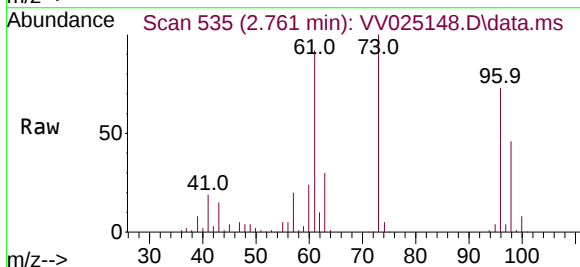
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

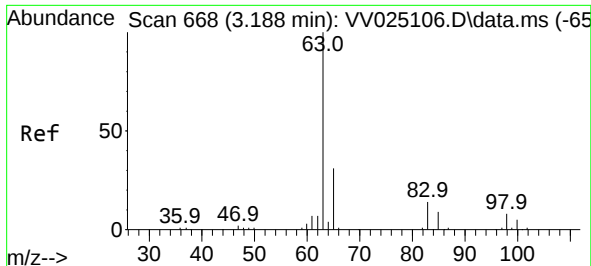
Tgt Ion: 73 Resp: 135325
Ion Ratio Lower Upper
73 100
43 15.6 13.2 19.8
57 20.5 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.027 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 96 Resp: 71012
Ion Ratio Lower Upper
96 100
61 126.6 89.2 165.6
98 62.7 43.9 81.5

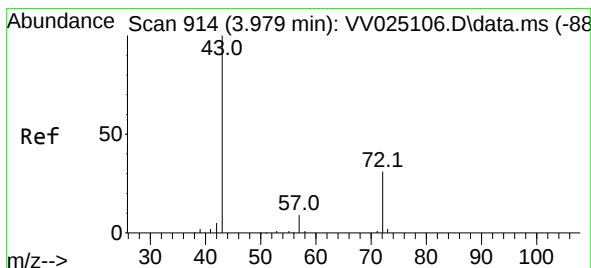
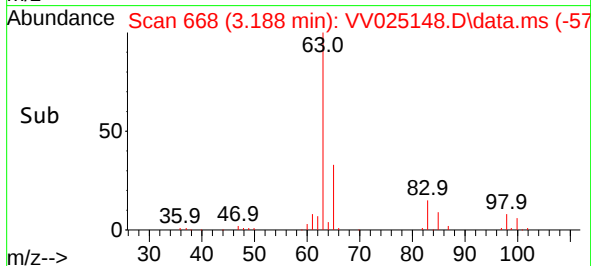
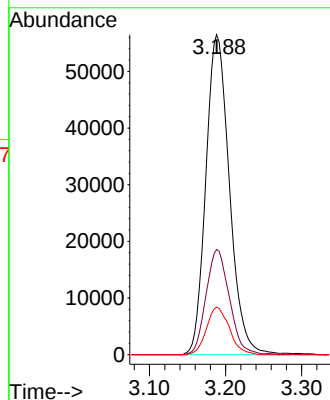
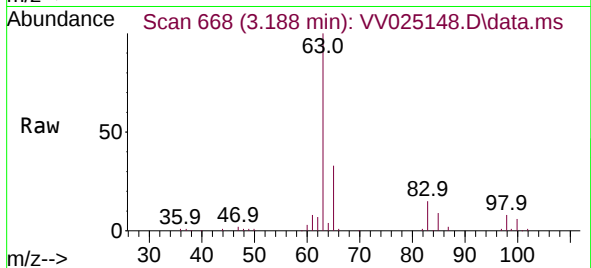




#19
1,1-Dichloroethane
Concen: 5.060 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

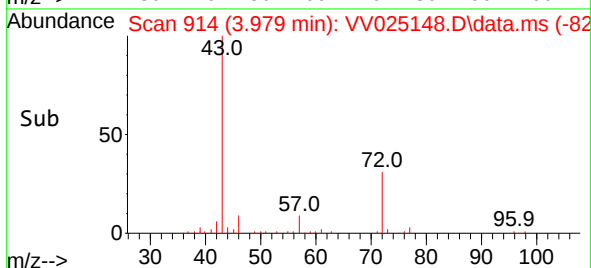
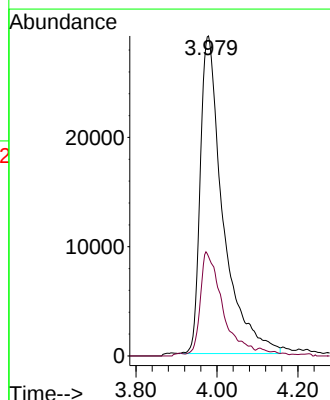
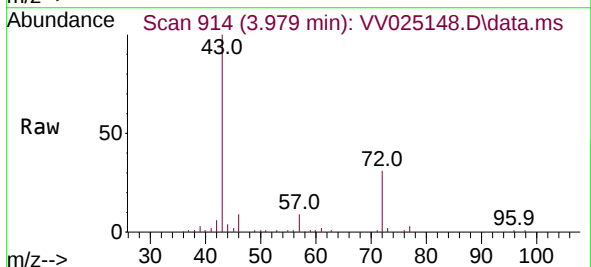
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

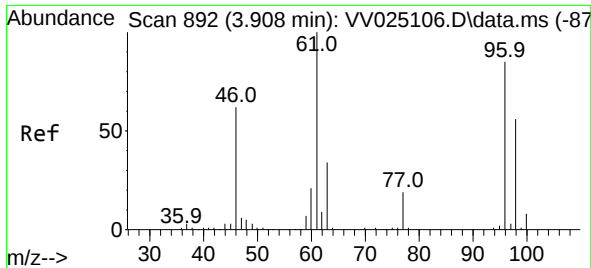
Tgt Ion: 63 Resp: 121643
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 14.8 9.4 17.4



#21
2-Butanone
Concen: 60.974 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.016 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 43 Resp: 113148
Ion Ratio Lower Upper
43 100
72 31.0 10.4 31.2

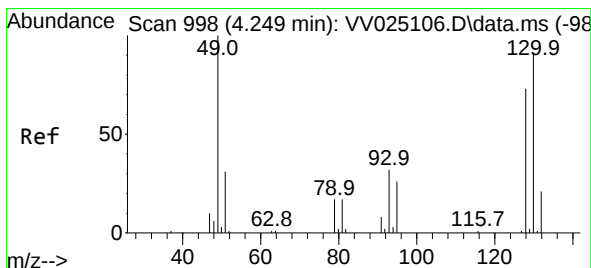
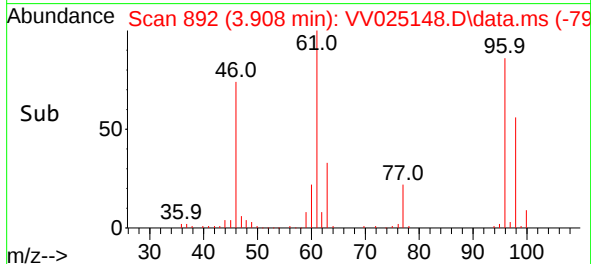
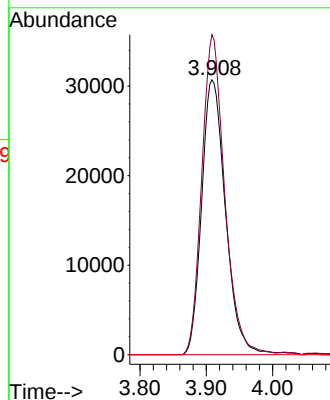
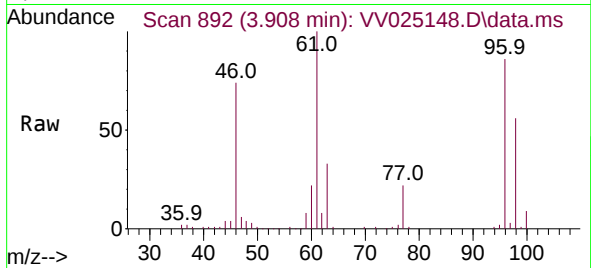




#22
 cis-1,2-Dichloroethene
 Concen: 5.379 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

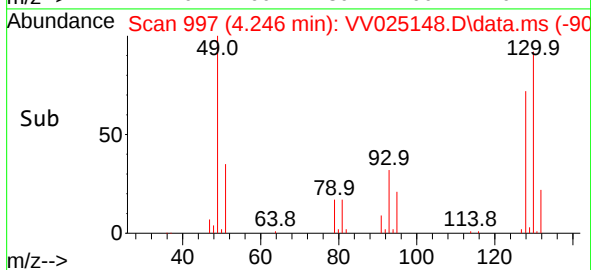
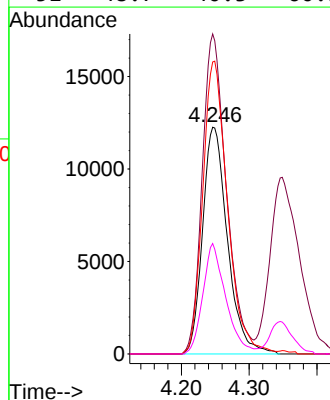
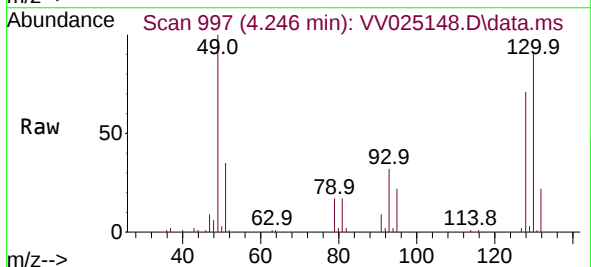
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

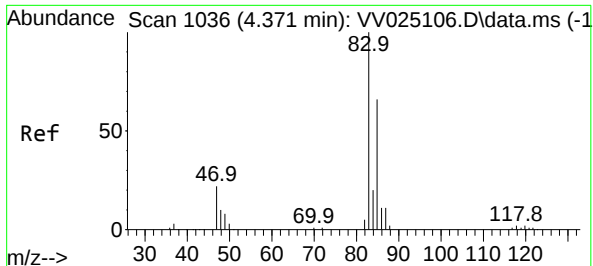
Tgt Ion: 96 Resp: 76706
 Ion Ratio Lower Upper
 96 100
 61 116.4 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.546 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

Tgt Ion: 128 Resp: 31185
 Ion Ratio Lower Upper
 128 100
 49 141.1 107.5 199.7
 130 128.7 89.4 166.0
 51 48.7 40.3 60.5





#25

Chloroform

Concen: 5.196 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

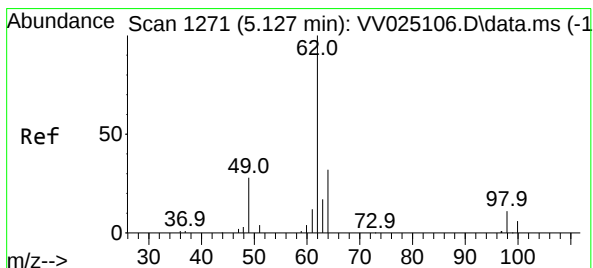
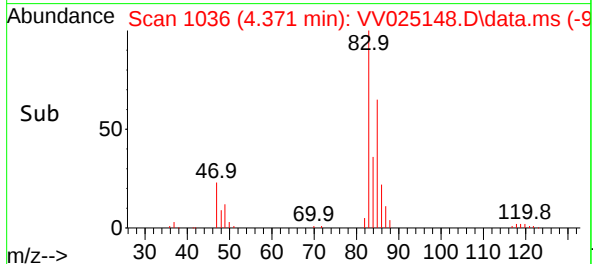
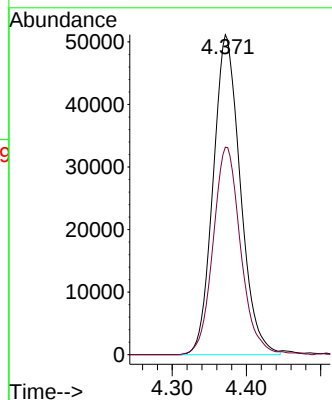
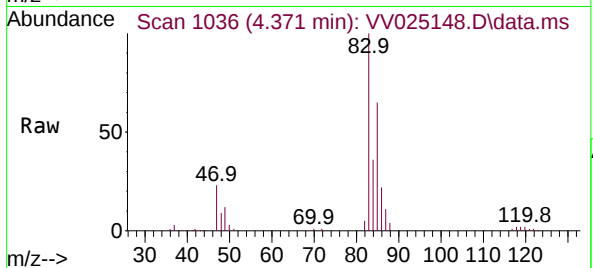
VSTD005346

Tgt Ion: 83 Resp: 130076

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.183 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025148.D

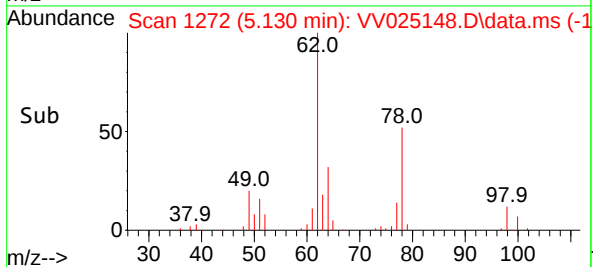
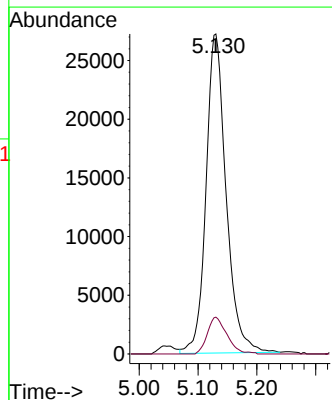
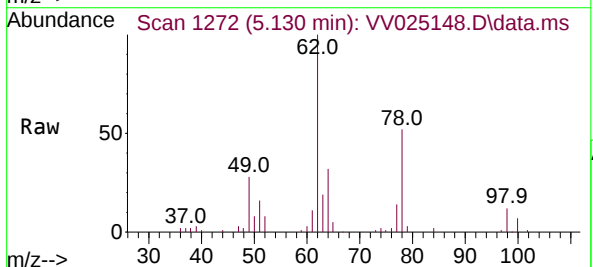
Acq: 24 Mar 2022 13:01

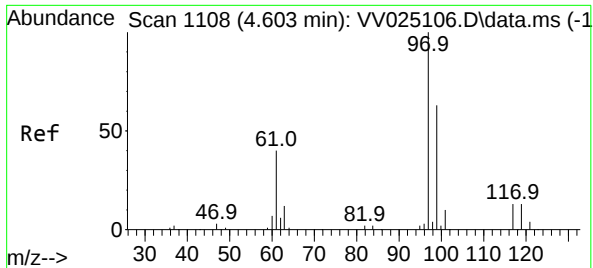
Tgt Ion: 62 Resp: 64514

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.4

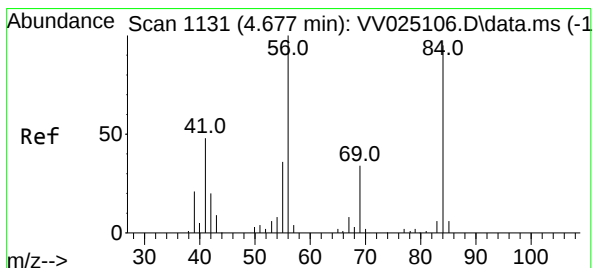
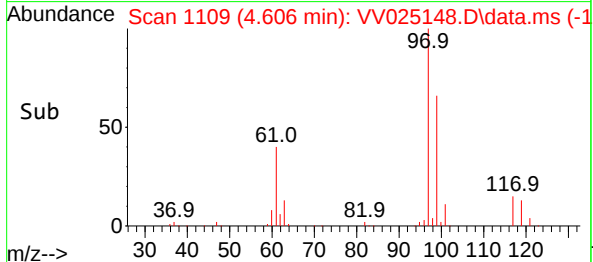
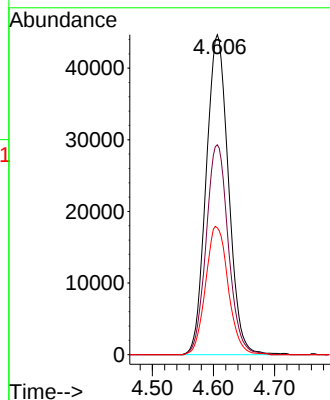
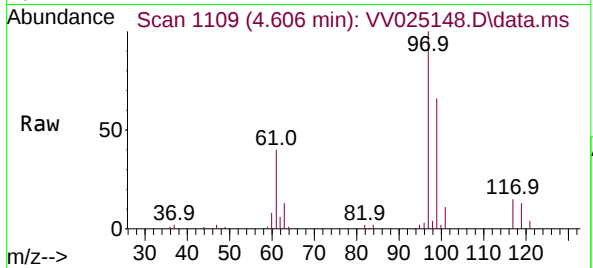




#29
1,1,1-Trichloroethane
Concen: 5.148 ug/L
RT: 4.606 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

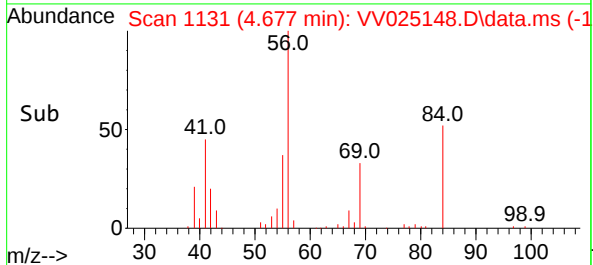
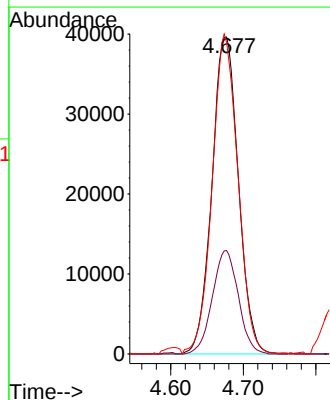
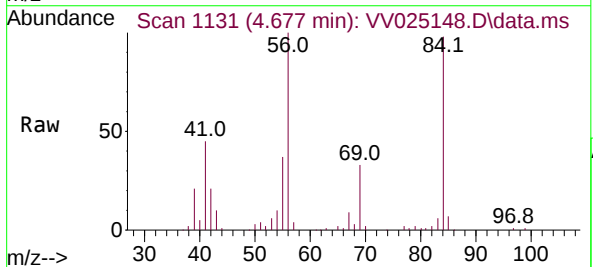
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

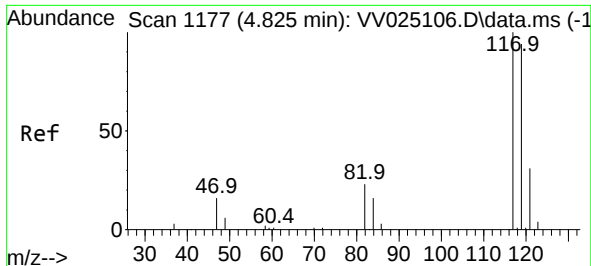
Tgt Ion: 97 Resp: 113186
Ion Ratio Lower Upper
97 100
99 65.4 50.7 76.1
61 40.7 32.4 48.6



#30
Cyclohexane
Concen: 4.697 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 56 Resp: 100477
Ion Ratio Lower Upper
56 100
69 32.0 24.9 37.3
84 98.3 75.9 113.9

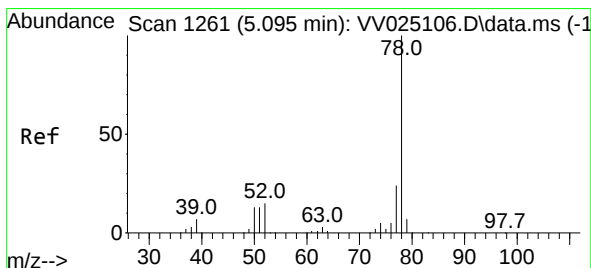
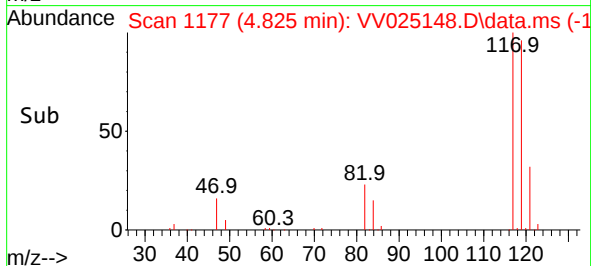
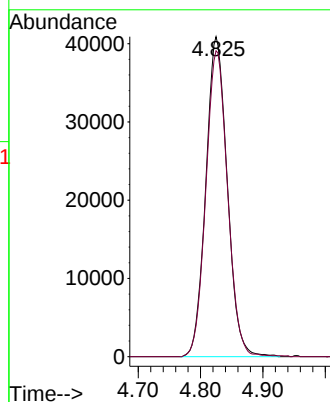
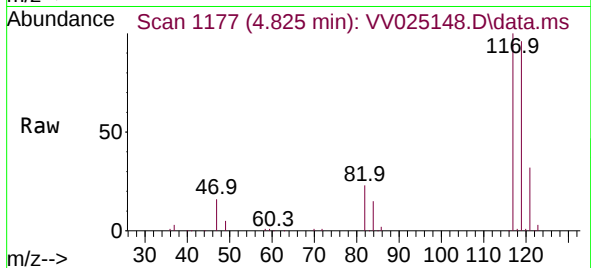




#31
Carbon tetrachloride
Concen: 5.185 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

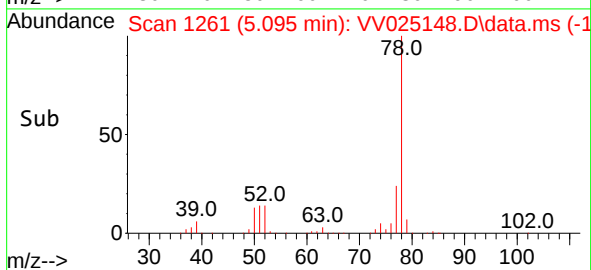
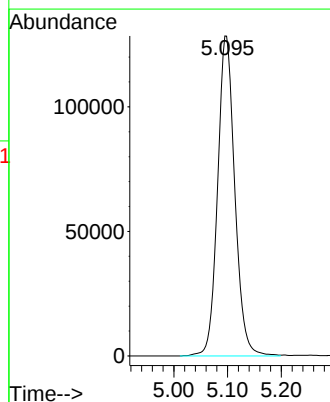
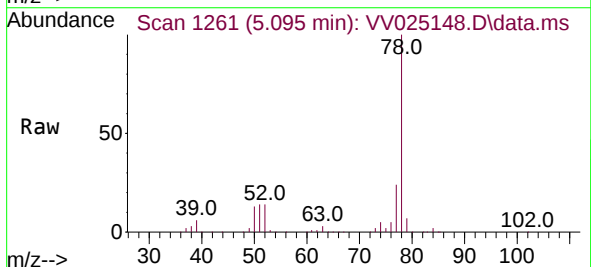
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

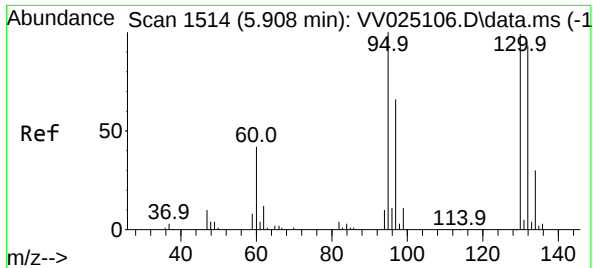
Tgt Ion:117 Resp: 97803
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2



#33
Benzene
Concen: 5.091 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 78 Resp: 285507

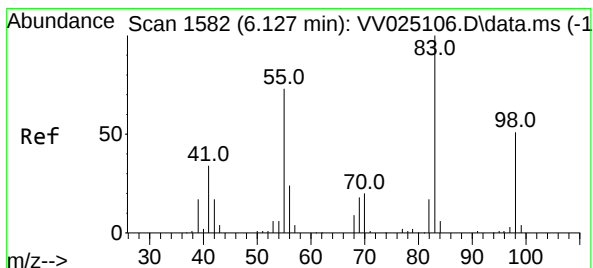
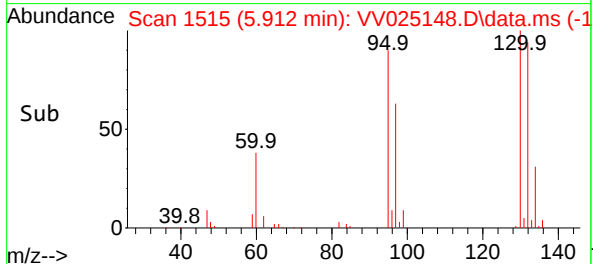
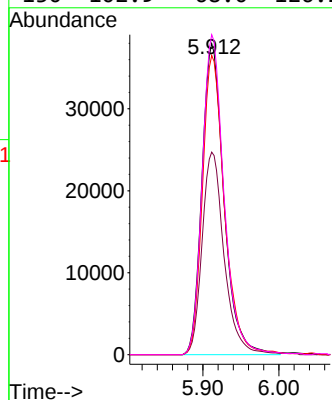
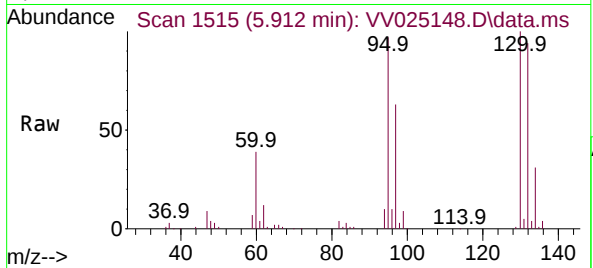




#34
Trichloroethene
Concen: 5.117 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

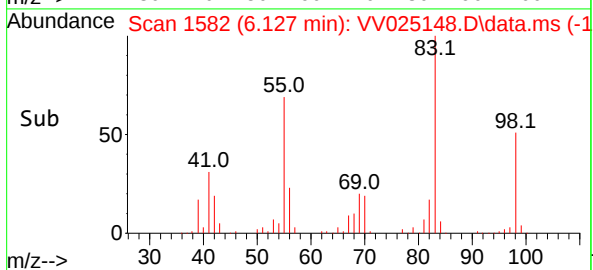
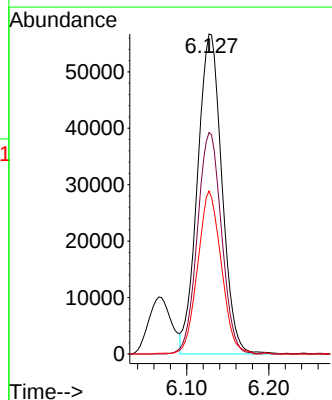
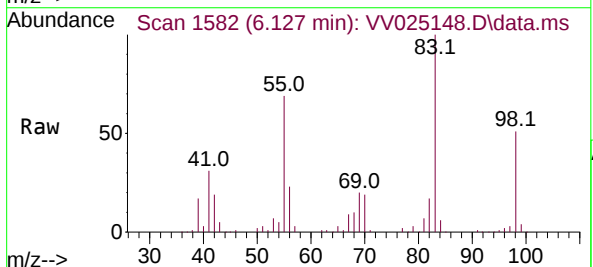
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

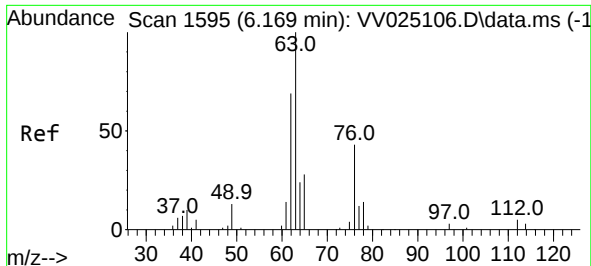
Tgt Ion: 95 Resp: 76396
Ion Ratio Lower Upper
95 100
97 65.1 44.5 82.7
132 96.2 66.5 123.5
130 102.9 68.0 126.2



#35
Methylcyclohexane
Concen: 4.965 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 83 Resp: 117360
Ion Ratio Lower Upper
83 100
55 68.3 55.4 83.0
98 49.1 38.4 57.6

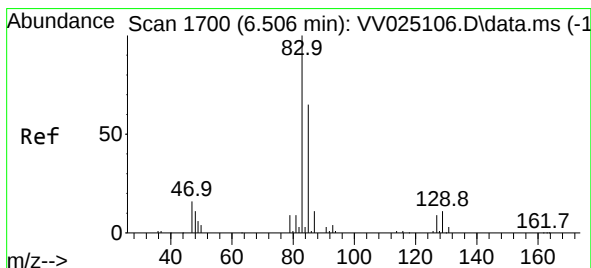
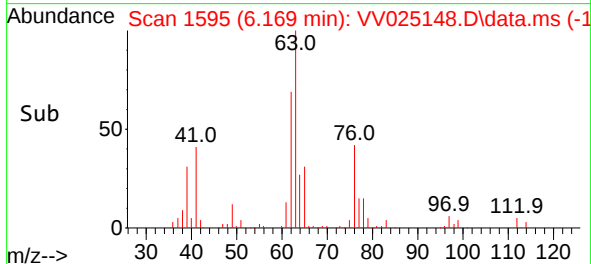
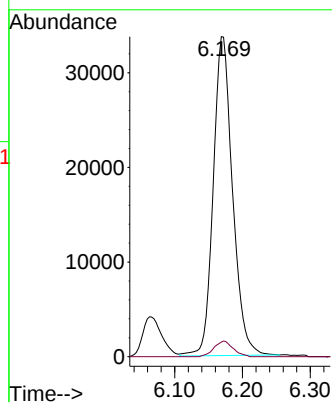
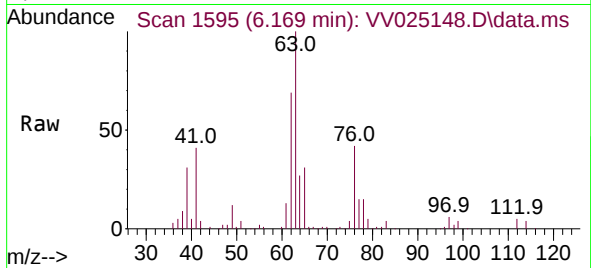




#37
1,2-Dichloropropane
Concen: 5.185 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

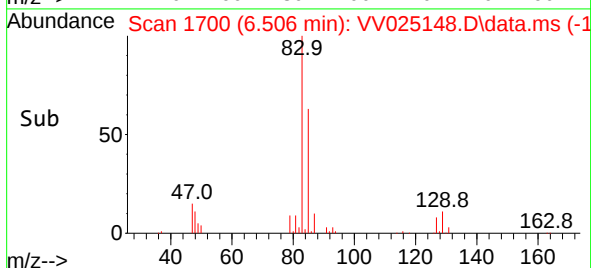
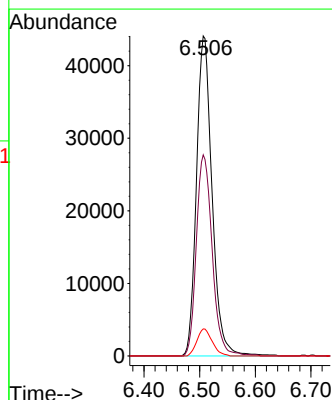
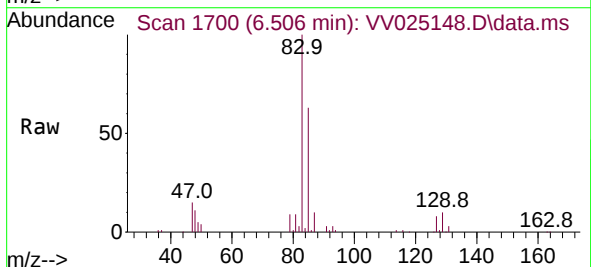
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

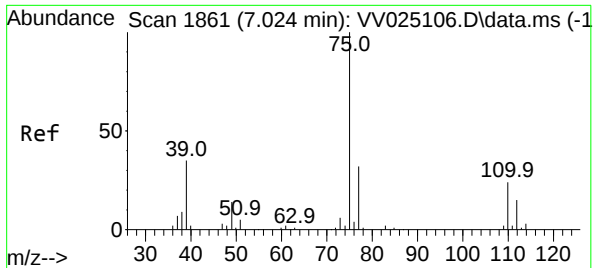
Tgt Ion: 63 Resp: 66821
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 5.271 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 83 Resp: 85899
Ion Ratio Lower Upper
83 100
85 62.9 44.8 83.2
127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.070 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

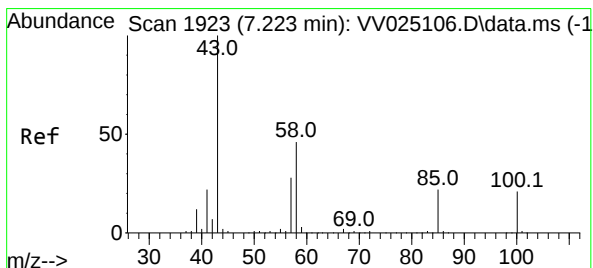
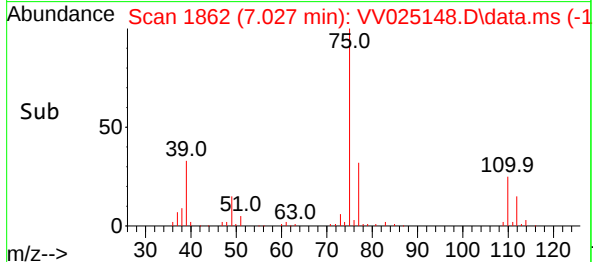
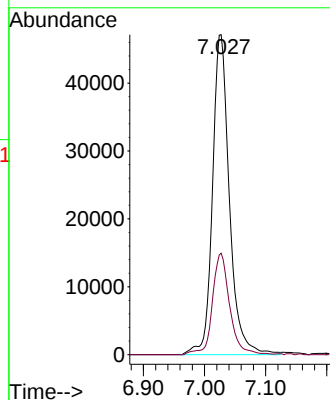
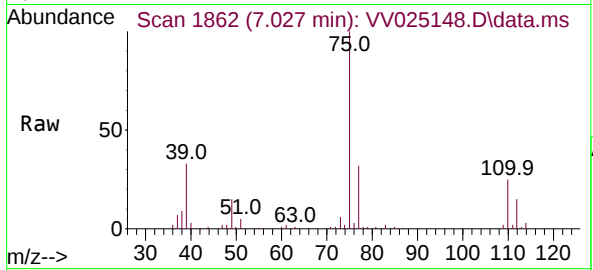
VSTD005346

Tgt Ion: 75 Resp: 90715

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 51.874 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

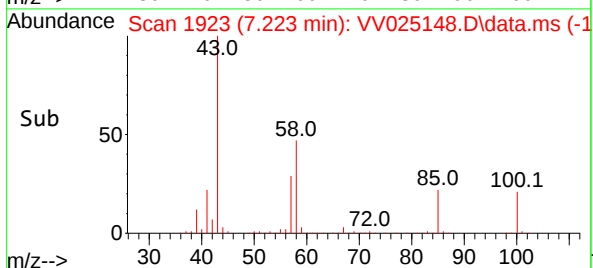
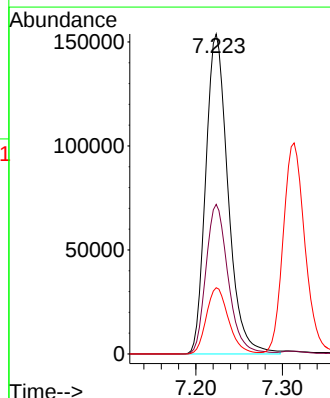
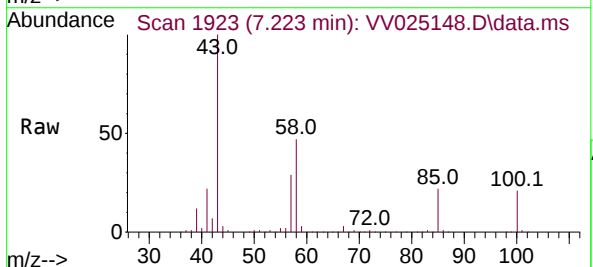
Tgt Ion: 43 Resp: 275074

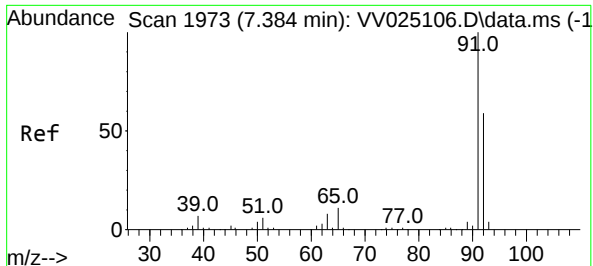
Ion Ratio Lower Upper

43 100

58 46.7 36.6 55.0

100 20.6 13.8 20.8





#42

Toluene

Concen: 5.302 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

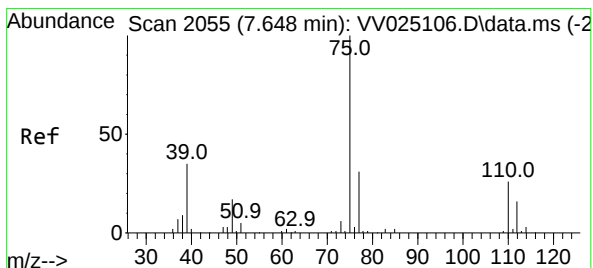
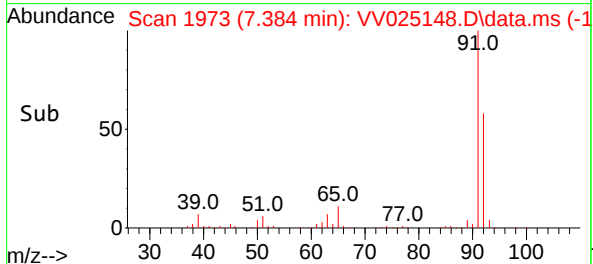
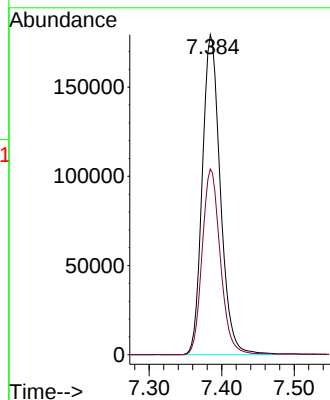
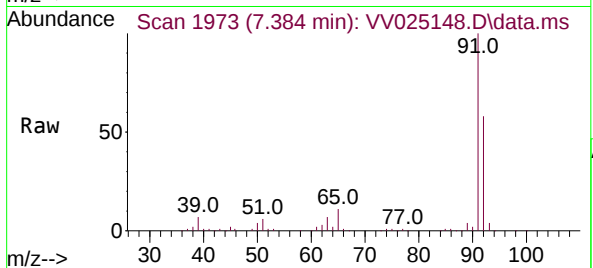
VSTD005346

Tgt Ion: 91 Resp: 311171

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.013 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025148.D

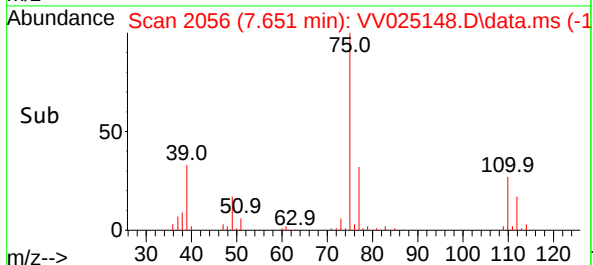
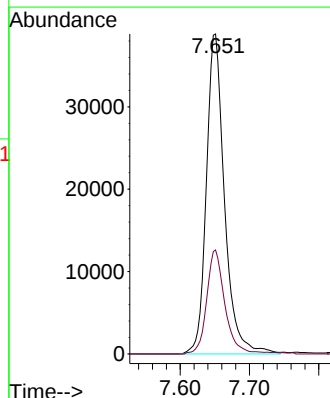
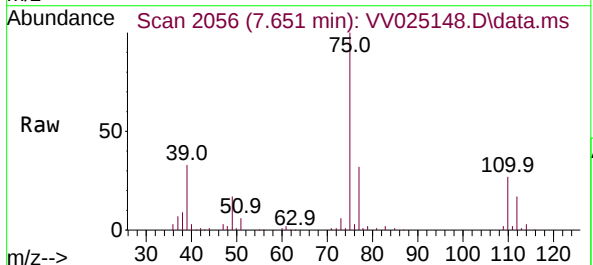
Acq: 24 Mar 2022 13:01

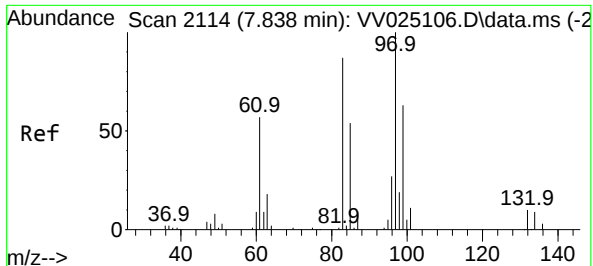
Tgt Ion: 75 Resp: 70576

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.453 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

Tgt Ion: 97 Resp: 46935

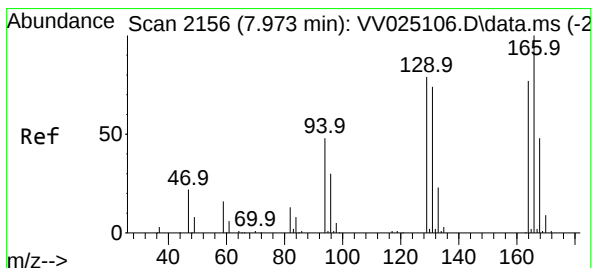
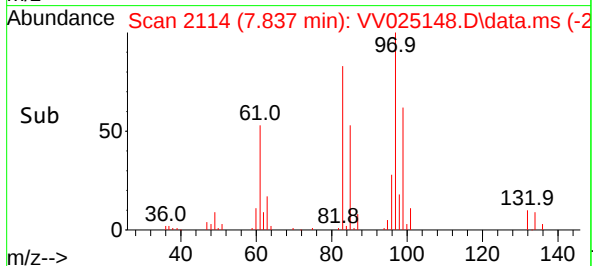
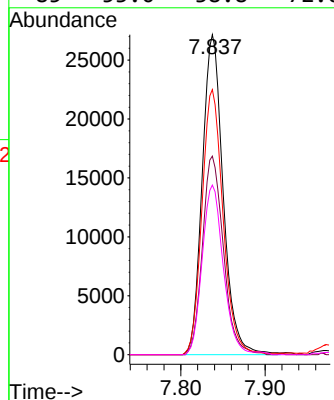
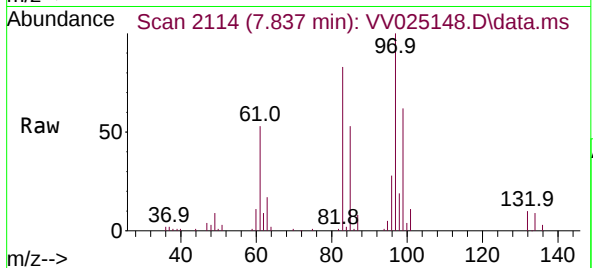
Ion Ratio Lower Upper

97 100

99 62.0 43.7 81.1

83 82.9 58.9 109.3

85 53.0 38.8 72.0



#47

Tetrachloroethene

Concen: 5.242 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Tgt Ion:164 Resp: 55060

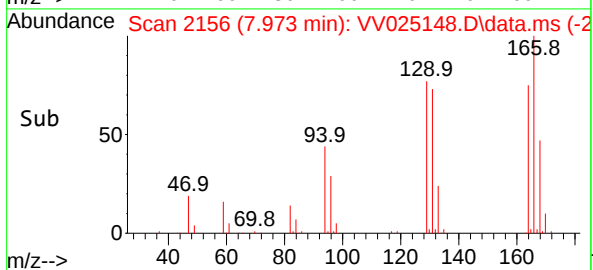
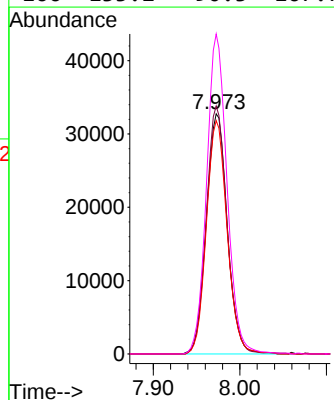
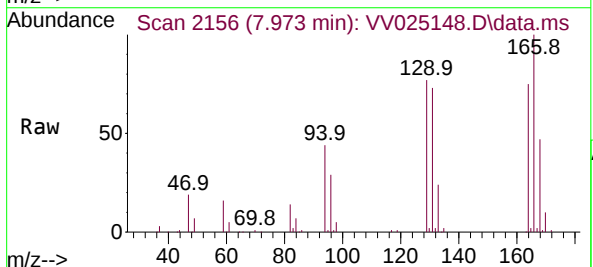
Ion Ratio Lower Upper

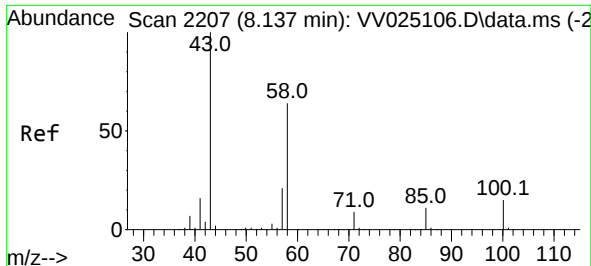
164 100

129 103.2 70.3 130.7

131 97.1 69.4 129.0

166 133.2 90.3 167.7



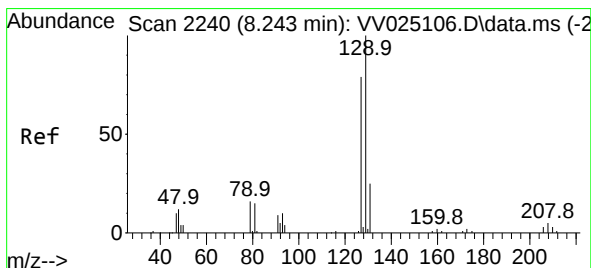
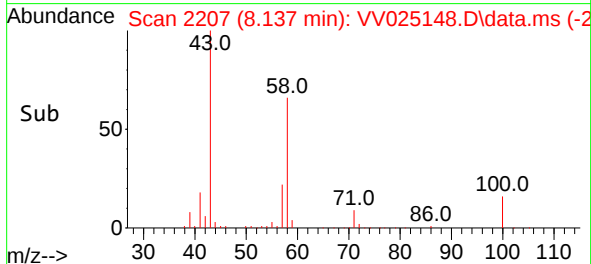
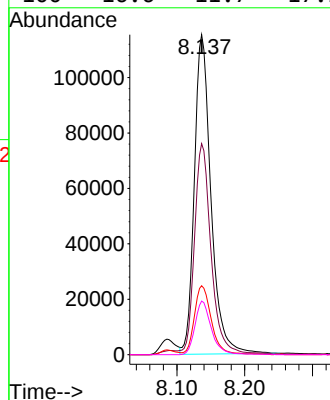
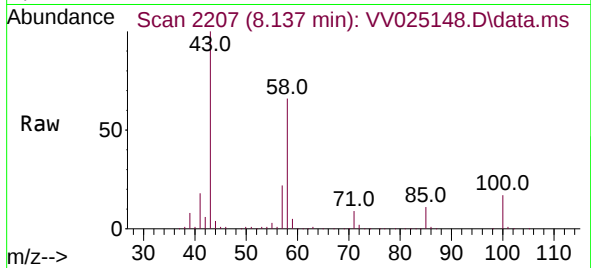


#48
2-Hexanone
Concen: 52.297 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion: 43 Resp: 196602

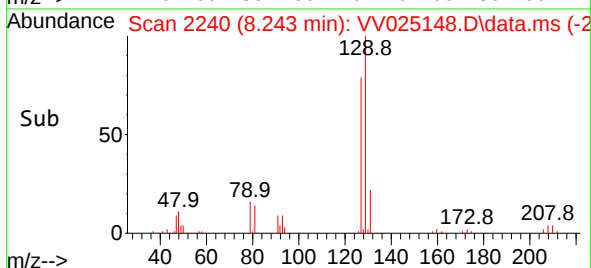
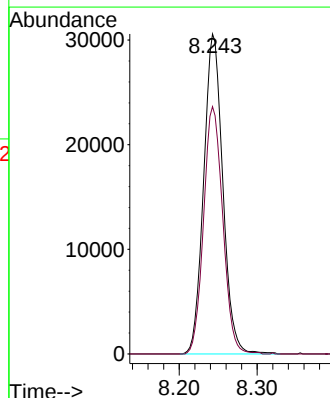
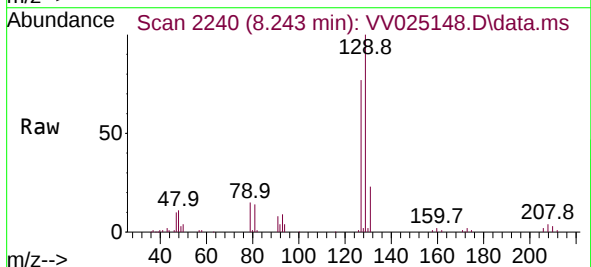
Ion	Ratio	Lower	Upper
43	100		
58	65.7	49.2	73.8
57	21.4	16.0	24.0
100	16.6	11.7	17.5

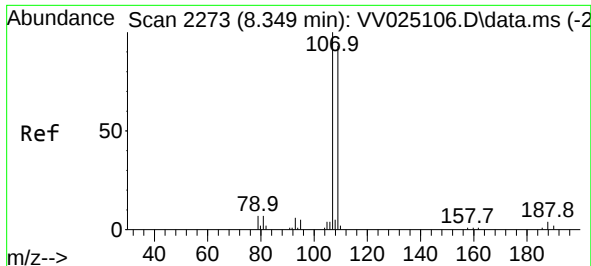


#49
Dibromochloromethane
Concen: 5.412 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 129 Resp: 52144

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.428 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

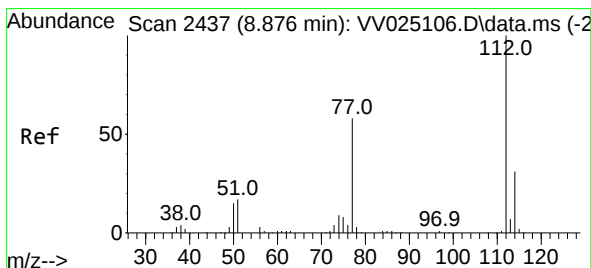
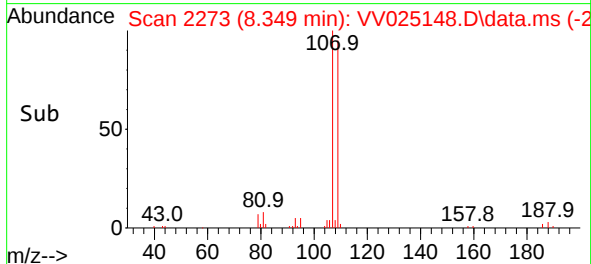
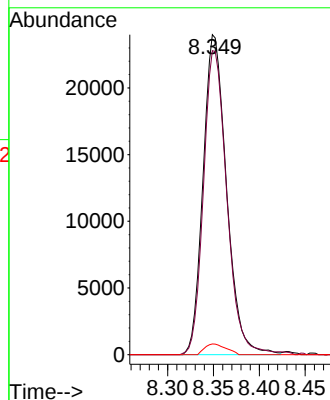
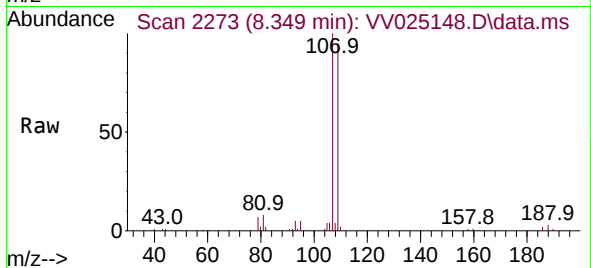
Tgt Ion:107 Resp: 42754

Ion Ratio Lower Upper

107 100

109 95.0 65.5 121.6

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 5.335 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

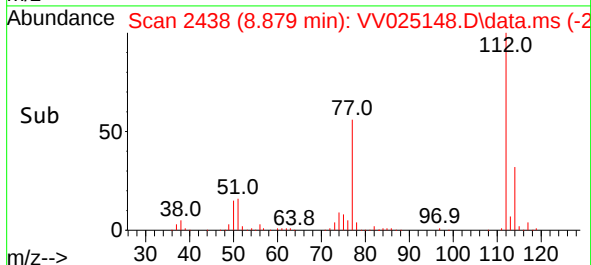
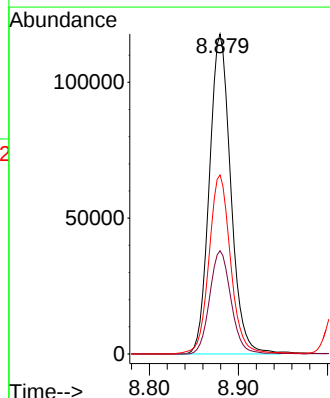
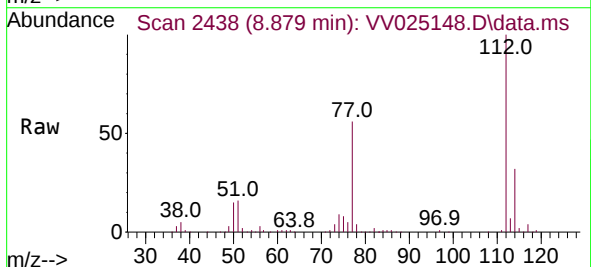
Tgt Ion:112 Resp: 196053

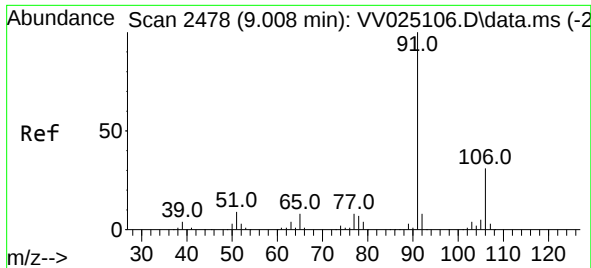
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 56.0 45.3 67.9

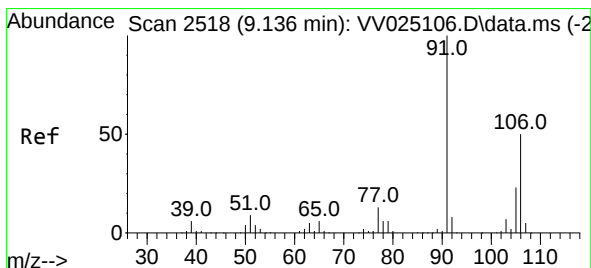
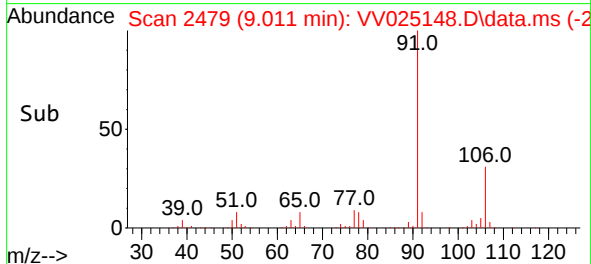
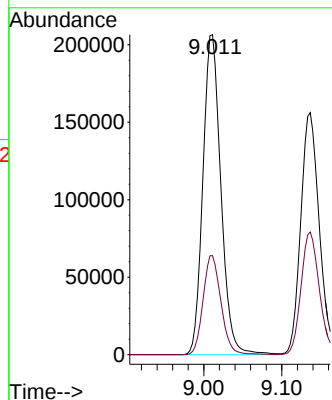
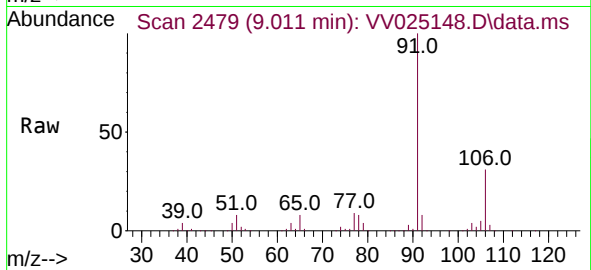




#52
Ethylbenzene
Concen: 5.338 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

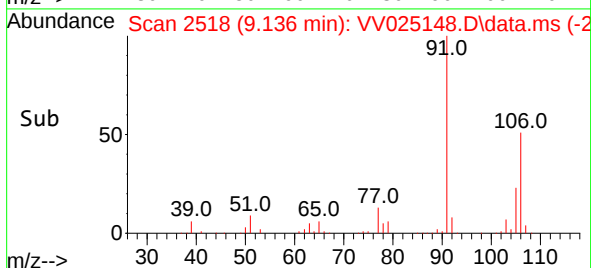
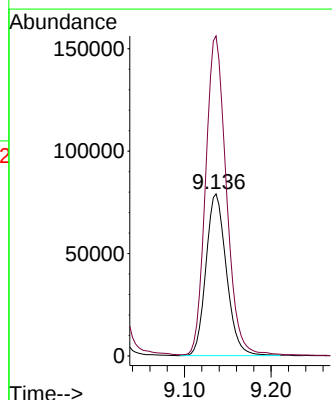
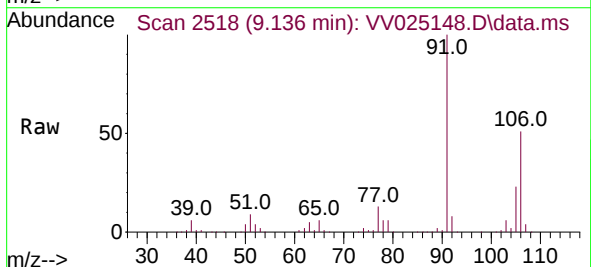
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

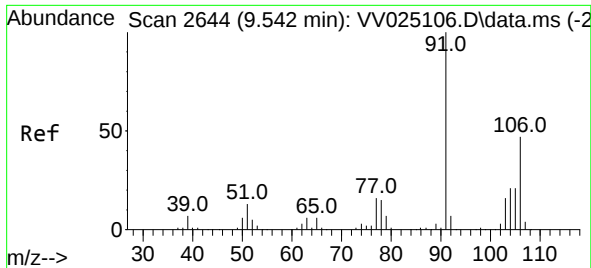
Tgt Ion: 91 Resp: 331425
Ion Ratio Lower Upper
91 100
106 30.9 21.9 40.7



#53
m,p-xylene
Concen: 5.431 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 106 Resp: 129843
Ion Ratio Lower Upper
106 100
91 197.4 143.4 266.4

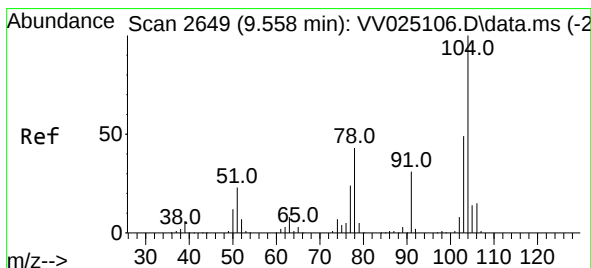
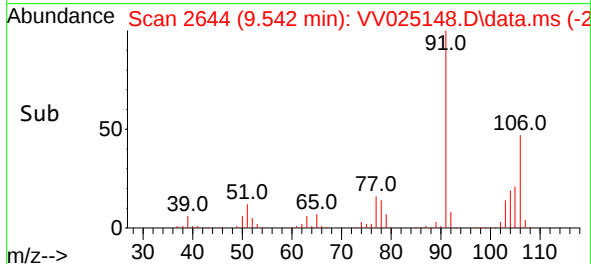
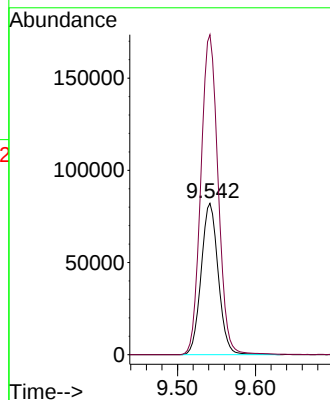
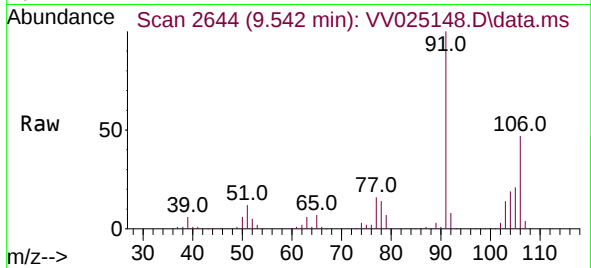




#54
o-xylene
Concen: 5.464 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

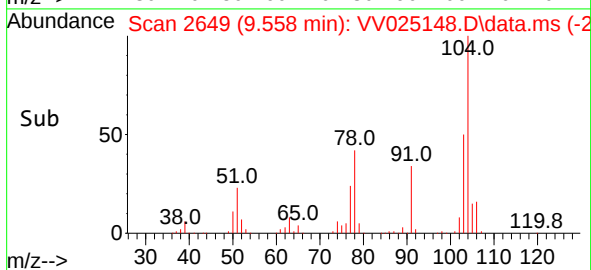
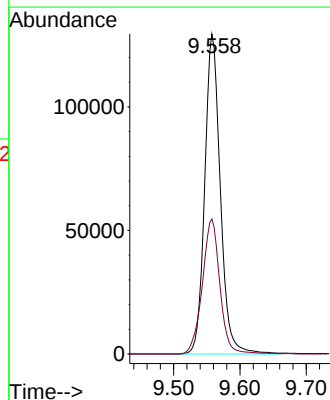
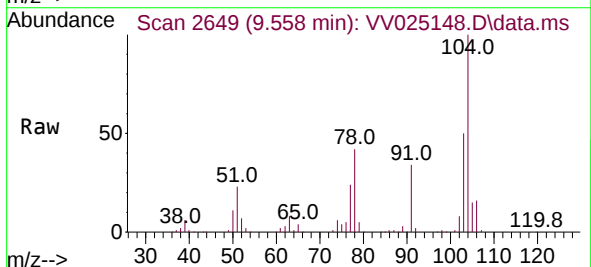
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

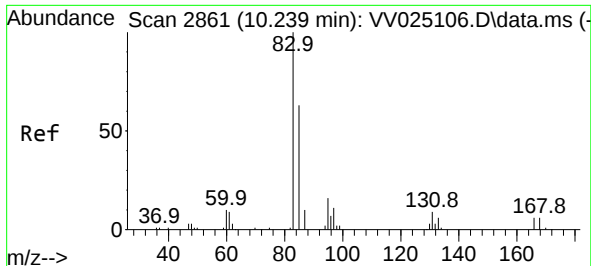
Tgt Ion:106 Resp: 124912
Ion Ratio Lower Upper
106 100
91 211.4 146.7 272.5



#55
Styrene
Concen: 5.690 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion:104 Resp: 211850
Ion Ratio Lower Upper
104 100
78 42.1 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.777 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005346

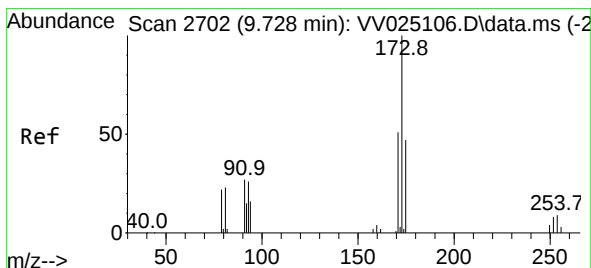
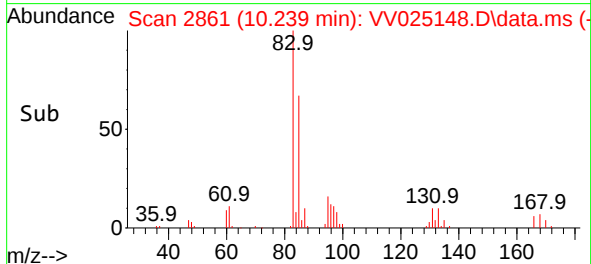
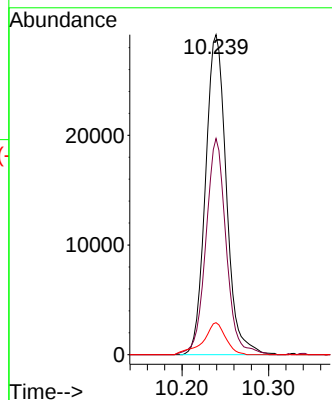
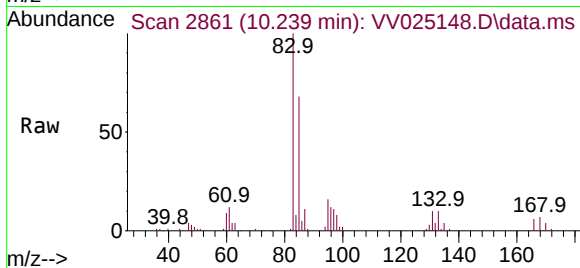
Tgt Ion: 83 Resp: 48746

Ion Ratio Lower Upper

83 100

85 67.6 43.9 81.5

131 10.0 7.5 11.3



#59

Bromoform

Concen: 4.863 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

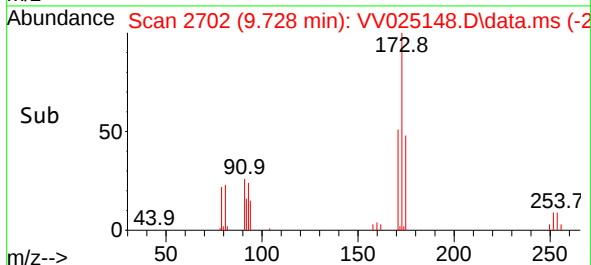
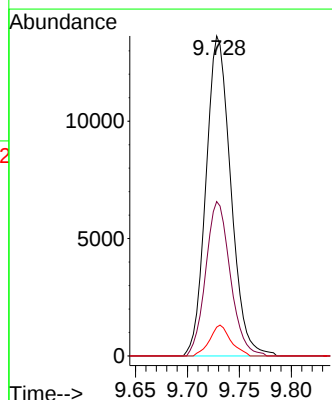
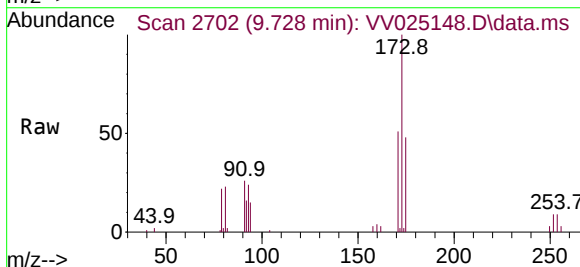
Tgt Ion: 173 Resp: 22630

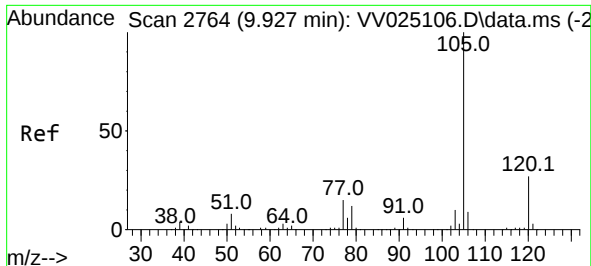
Ion Ratio Lower Upper

173 100

175 47.8 37.8 56.8

254 8.2 5.8 8.6

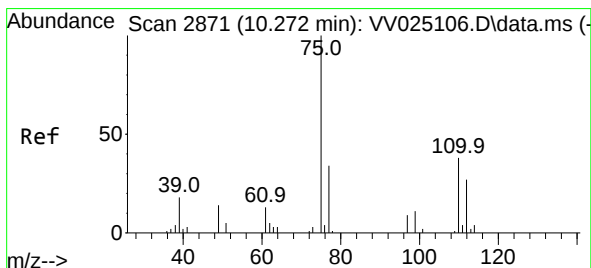
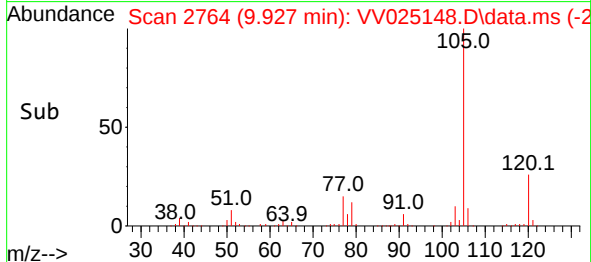
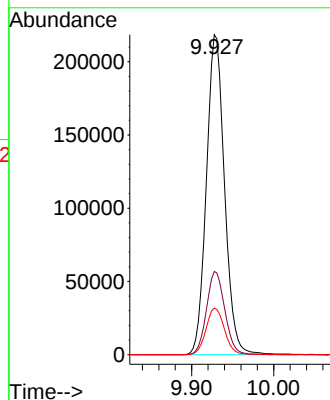
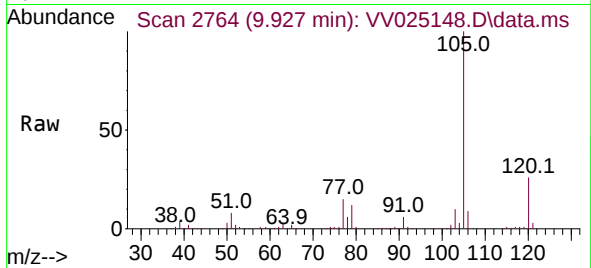




#60
Isopropylbenzene
Concen: 5.142 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

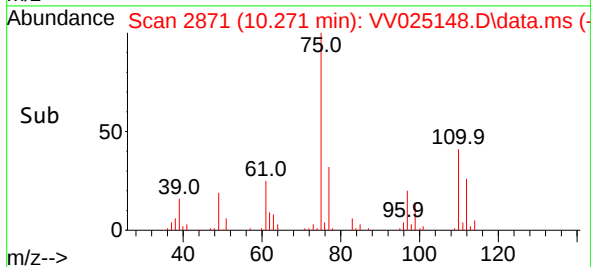
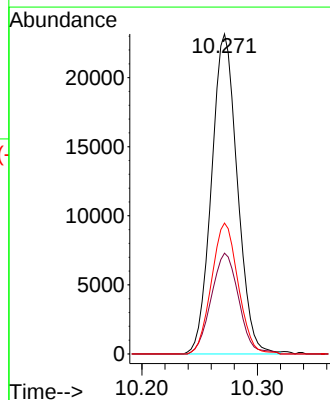
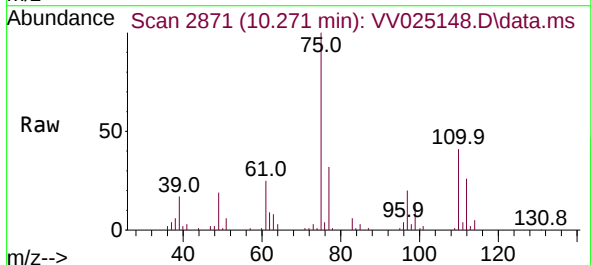
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

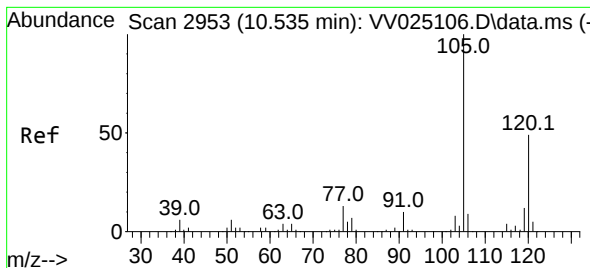
Tgt Ion:105 Resp: 335031
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.957 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 75 Resp: 36020
Ion Ratio Lower Upper
75 100
77 33.4 25.7 38.5
110 42.1 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.112 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV025148.D

Acq: 24 Mar 2022 13:01

Instrument :

MSVOA_V

ClientSampleId :

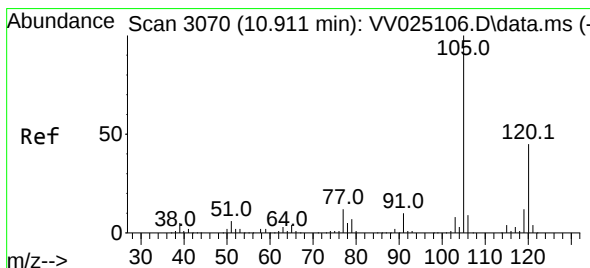
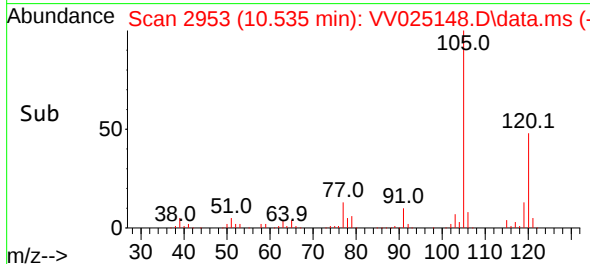
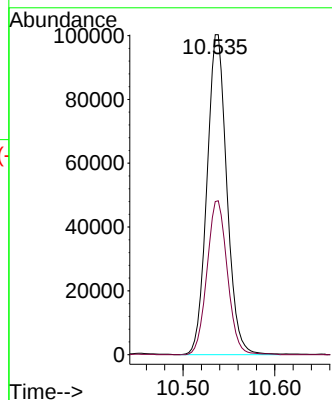
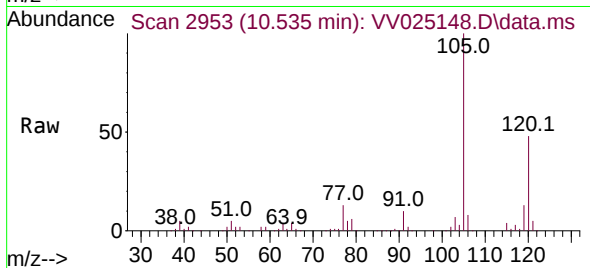
VSTD005346

Tgt Ion:105 Resp: 151133

Ion Ratio Lower Upper

105 100

120 49.3 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.295 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025148.D

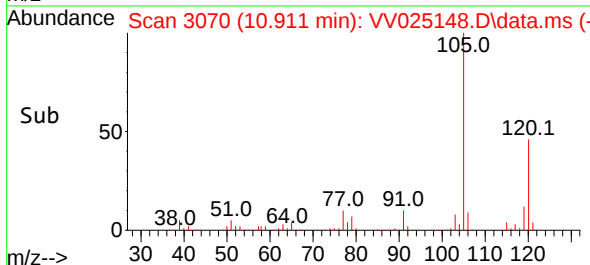
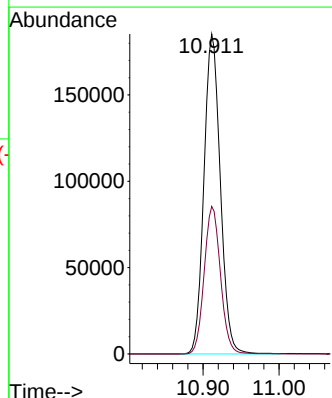
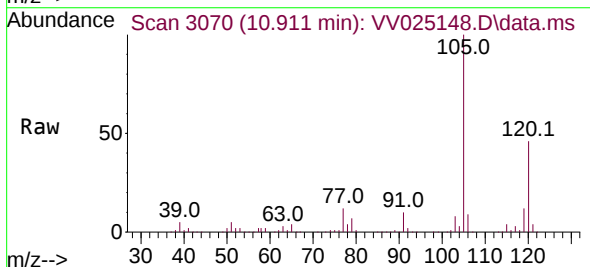
Acq: 24 Mar 2022 13:01

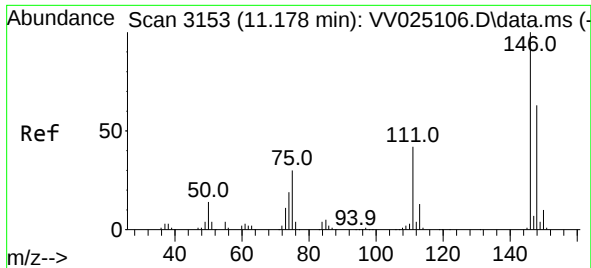
Tgt Ion:105 Resp: 277246

Ion Ratio Lower Upper

105 100

120 45.9 35.8 53.8

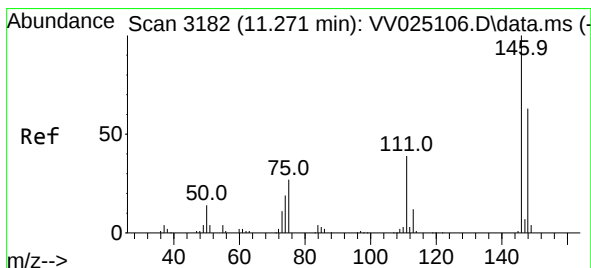
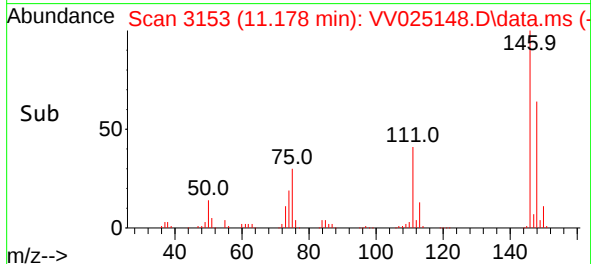
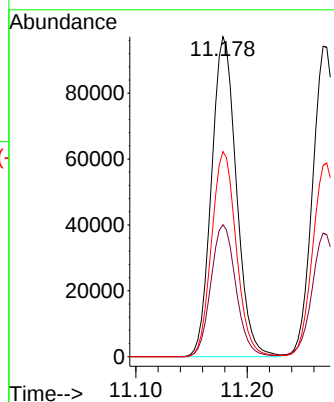
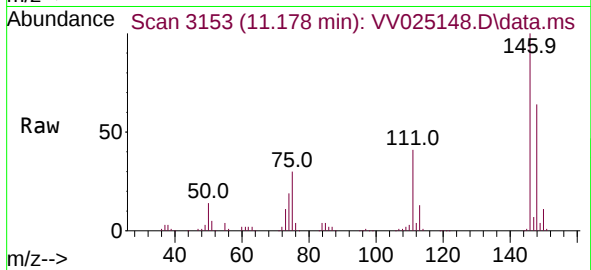




#64
1,3-Dichlorobenzene
Concen: 5.338 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

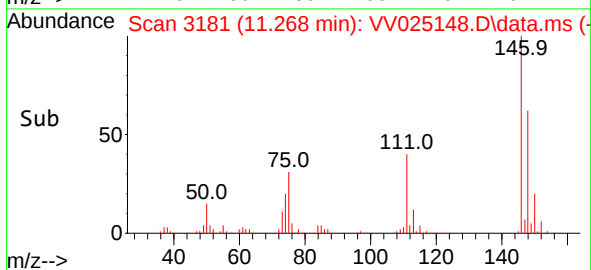
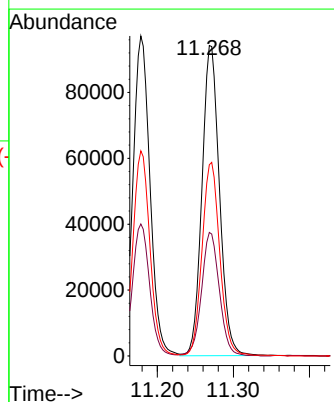
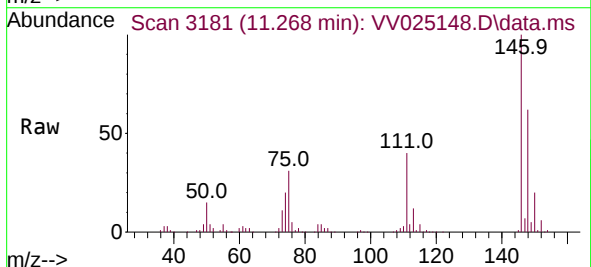
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

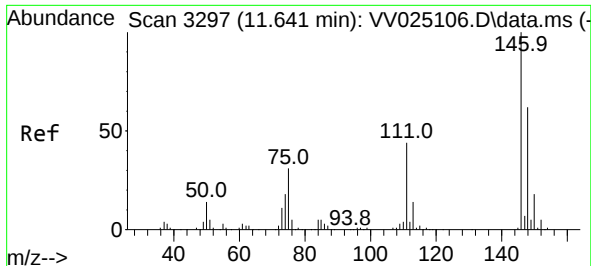
Tgt Ion:146 Resp: 150876
Ion Ratio Lower Upper
146 100
111 41.3 29.2 54.2
148 64.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.288 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion:146 Resp: 150660
Ion Ratio Lower Upper
146 100
111 39.8 28.2 52.4
148 61.6 43.8 81.4

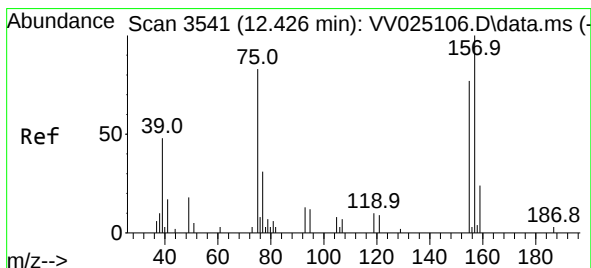
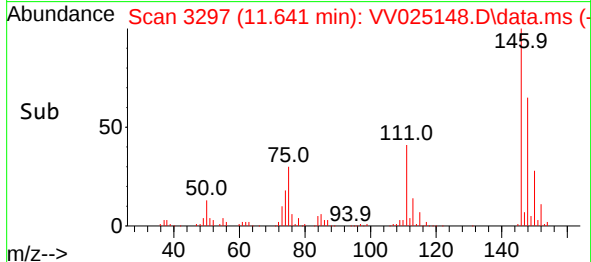
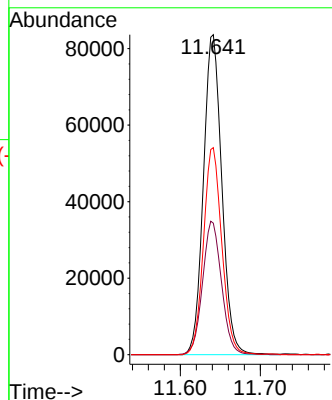
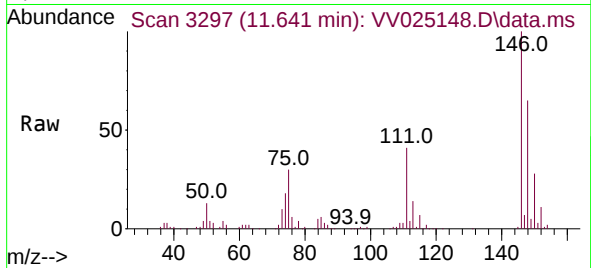




#67
1,2-Dichlorobenzene
Concen: 5.358 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

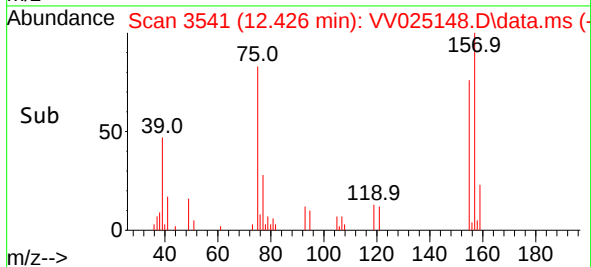
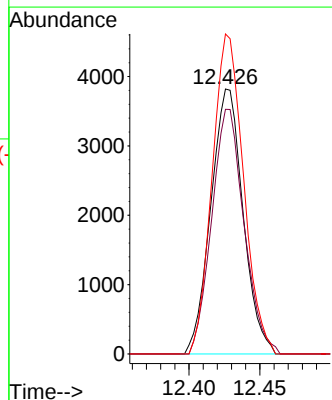
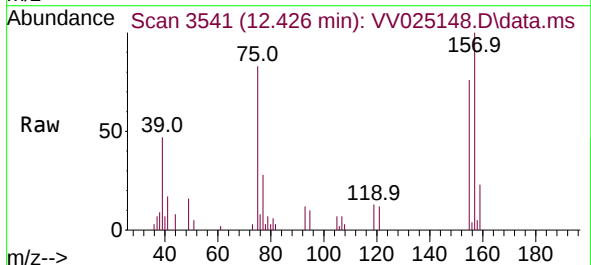
Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

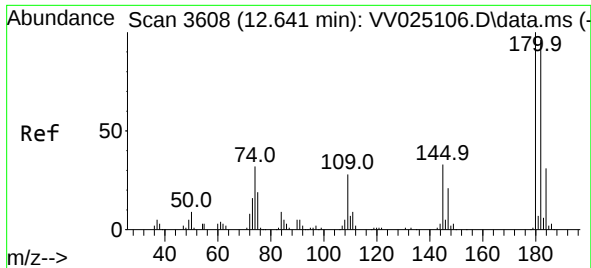
Tgt Ion:146 Resp: 134184
Ion Ratio Lower Upper
146 100
111 41.1 35.5 53.3
148 64.7 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.856 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion: 75 Resp: 6049
Ion Ratio Lower Upper
75 100
155 92.3 65.9 98.9
157 120.8 89.7 134.5

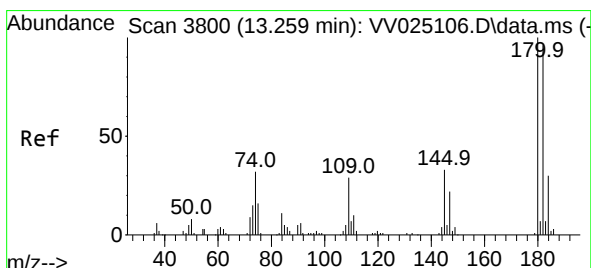
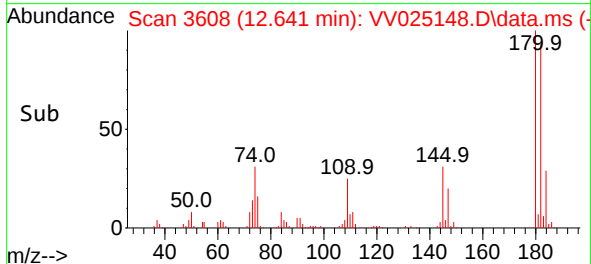
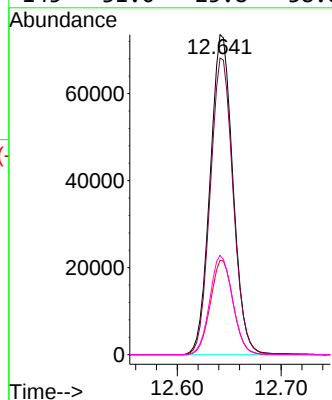
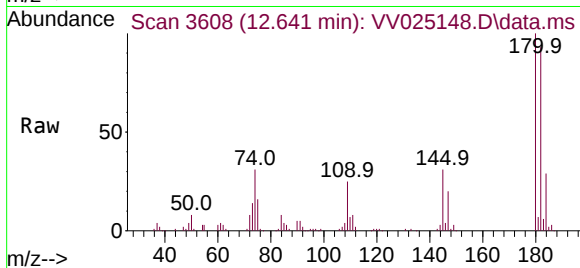




#69
 1,3,5-Trichlorobenzene
 Concen: 5.620 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

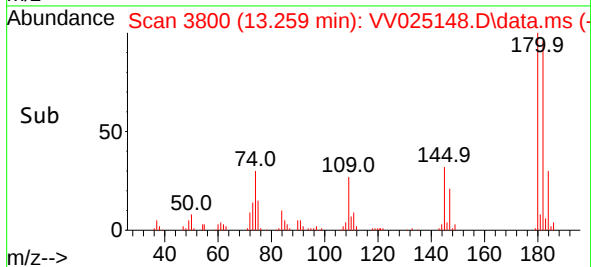
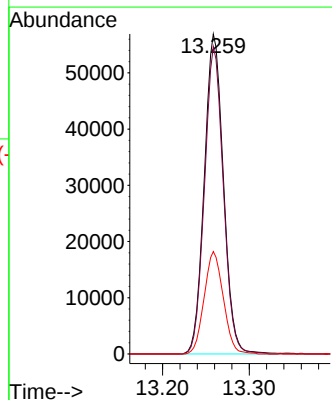
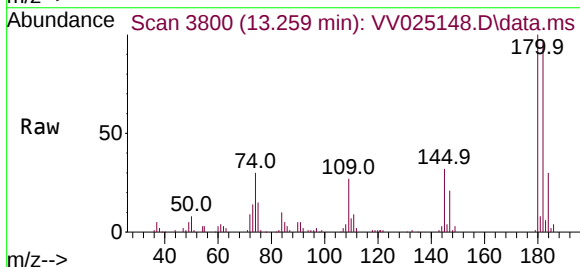
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

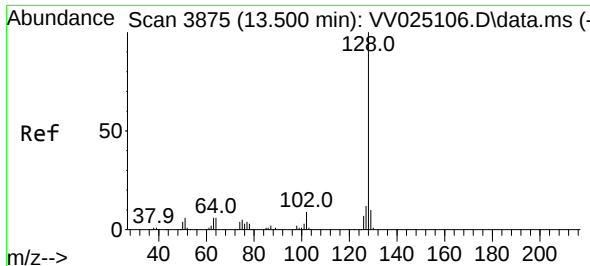
Tgt Ion:180 Resp: 112210
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.4 113.0
 184 29.5 24.2 36.4
 145 31.0 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.624 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025148.D
 Acq: 24 Mar 2022 13:01

Tgt Ion:180 Resp: 87483
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.6 112.0
 145 32.0 26.1 39.1

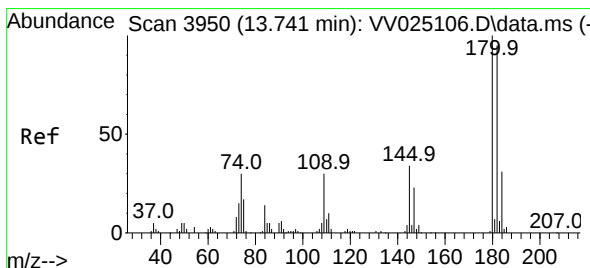
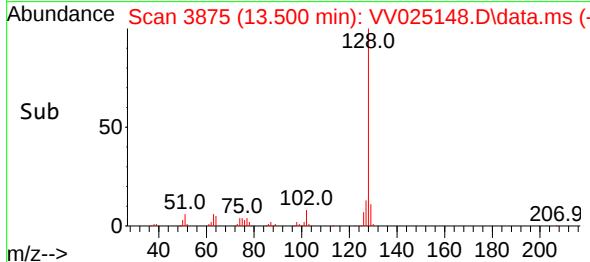
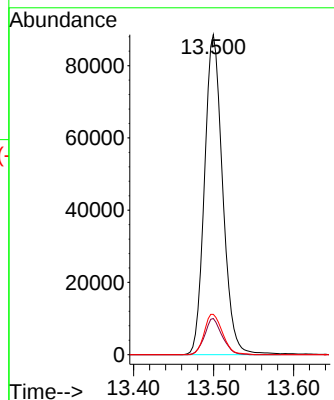
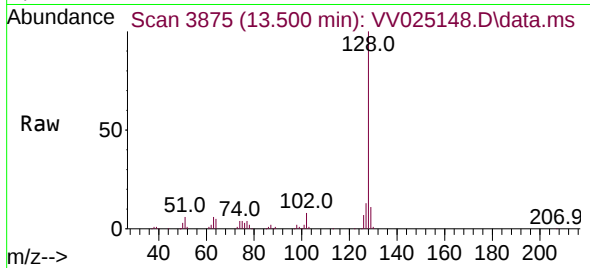




#71
Naphthalene
Concen: 5.417 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD005346

Tgt Ion:128 Resp: 139933
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.590 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025148.D
Acq: 24 Mar 2022 13:01

Tgt Ion:180 Resp: 73675
Ion Ratio Lower Upper
180 100
182 96.6 74.8 112.2
145 33.9 27.6 41.4

