

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020498.D
 Acq On : 10 Mar 2021 15:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Mar 11 00:36:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 05 13:10:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	577050	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	572140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	336048	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	180720	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.571	69	148231	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.111	63	318965	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
21) 2-Butanone-d5	3.892	46	197168	92.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.05%
24) Chloroform-d	4.349	84	334834	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	5.031	65	202983	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.050	84	665195	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.072	67	196366	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.317	98	650488	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloroprop...	7.622	79	96659	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.091	63	151758	97.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	274541	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.632	152	297743	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	260855	49.66	ug/L	99
3) Chloromethane	1.243	50	209533	45.89	ug/L	99
5) Vinyl chloride	1.314	62	227013	47.06	ug/L	99
6) Bromomethane	1.523	94	151746	45.76	ug/L	98
8) Chloroethane	1.587	64	134092	49.57	ug/L	98
9) Trichlorofluoromethane	1.754	101	346798	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	192727	51.32	ug/L	# 83
12) 1,1-Dichloroethene	2.121	96	178696	47.97	ug/L	# 58
13) Acetone	2.188	43	132787	88.75	ug/L	87
14) Carbon disulfide	2.294	76	490273	47.12	ug/L	100
15) Methyl Acetate	2.436	43	148970	44.82	ug/L	# 86
16) Methylene chloride	2.506	84	186994	46.58	ug/L	82
17) trans-1,2-Dichloroethene	2.761	96	185090	48.10	ug/L	84
18) Methyl tert-butyl Ether	2.767	73	501169	47.64	ug/L	# 93
19) 1,1-Dichloroethane	3.191	63	302965	46.82	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	195620	48.10	ug/L	78
22) 2-Butanone	3.976	43	203762	92.09	ug/L	91
23) Bromochloromethane	4.249	128	111582	47.99	ug/L	# 70
25) Chloroform	4.375	83	339944	46.99	ug/L	97

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

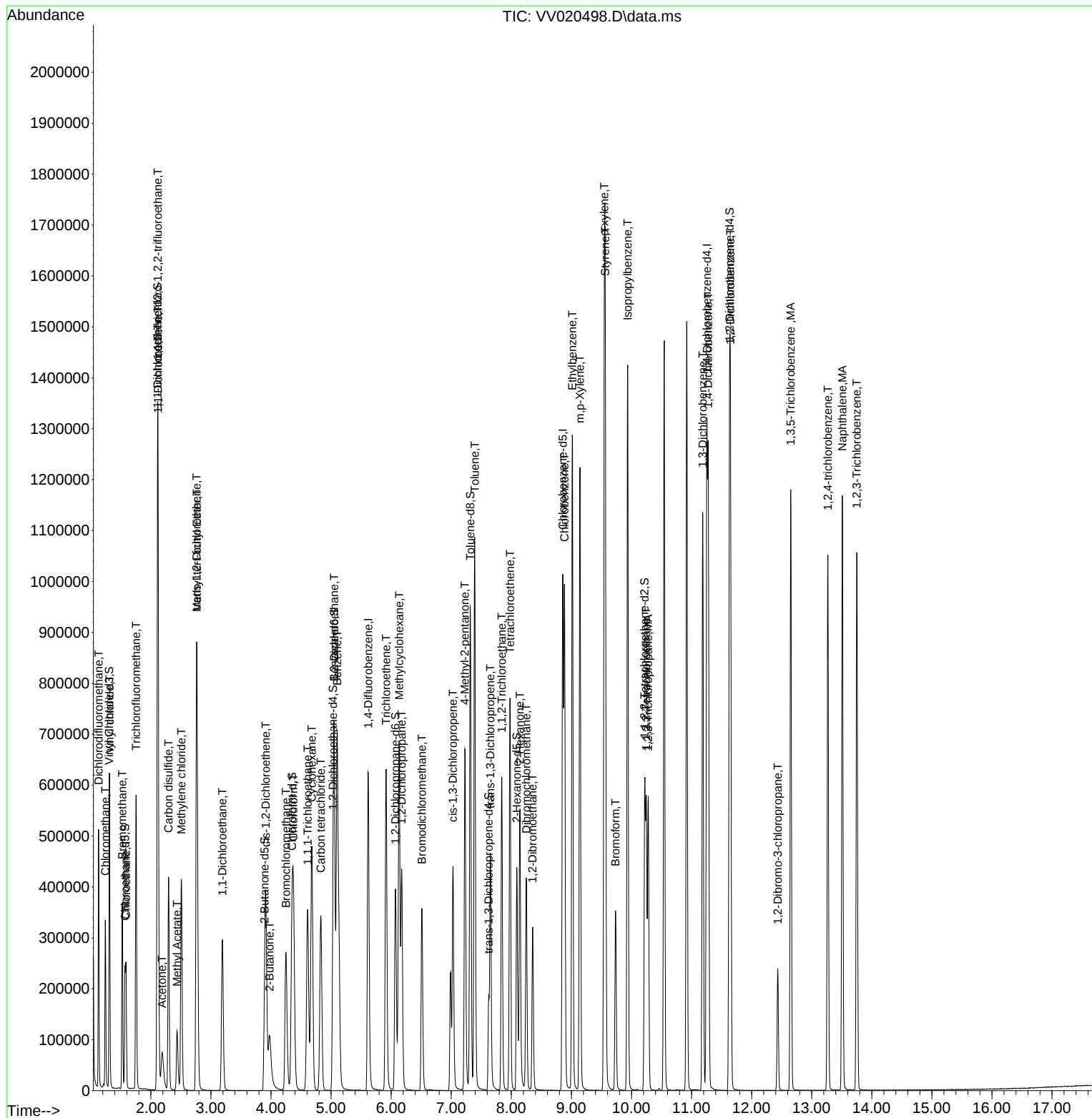
27) 1,2-Dichloroethane	5.050	62	3455	0.65	ug/L	99
29) Cyclohexane	4.677	56	260362	51.03	ug/L	86
30) 1,1,1-Trichloroethane	4.609	97	299922	48.17	ug/L	93
31) Carbon tetrachloride	4.831	117	272207	49.21	ug/L	99
33) Benzene	5.101	78	724737	48.30	ug/L	100
34) Trichloroethene	5.915	95	213220	47.71	ug/L	89
35) Methylcyclohexane	6.133	83	304903	52.69	ug/L	89
37) 1,2-Dichloropropane	6.175	63	177871	47.68	ug/L #	96
38) Bromodichloromethane	6.513	83	244036	48.03	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	281546	49.36	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	407612	94.64	ug/L #	87
42) Toluene	7.391	91	822515	49.80	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	273414	49.29	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	192819	48.07	ug/L	95
46) Tetrachloroethene	7.979	164	187749	50.07	ug/L	92
48) 2-Hexanone	8.143	43	318598	94.50	ug/L #	86
49) Dibromochloromethane	8.249	129	219801	49.92	ug/L	98
50) 1,2-Dibromoethane	8.355	107	207902	48.00	ug/L #	99
51) Chlorobenzene	8.886	112	554186	47.68	ug/L	93
52) Ethylbenzene	9.014	91	900705	49.62	ug/L	97
53) m,p-Xylene	9.143	106	357327	50.44	ug/L	92
54) o-xylene	9.548	106	344731	50.55	ug/L	91
55) Styrene	9.564	104	609372	51.88	ug/L	92
56) Isopropylbenzene	9.937	105	922944	51.20	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	264869	48.17	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	237130	47.16	ug/L	99
61) Bromoform	9.735	173	161957	47.91	ug/L #	98
62) 1,3-Dichlorobenzene	11.185	146	494622	48.80	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	511262	48.27	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	488564	47.63	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	54634	44.37	ug/L #	57
67) 1,3,5-Trichlorobenzene	12.651	180	387943	49.04	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	334068	49.05	ug/L	96
69) Naphthalene	13.509	128	911435	50.01	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	346090	50.08	ug/L	97

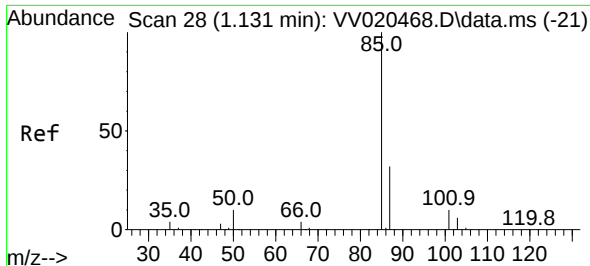
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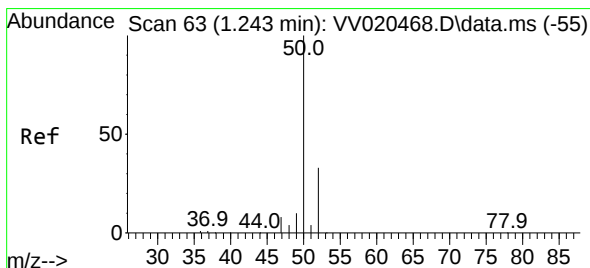
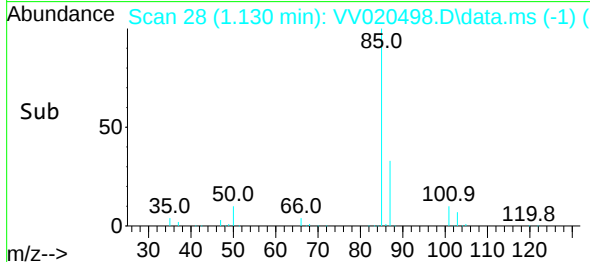
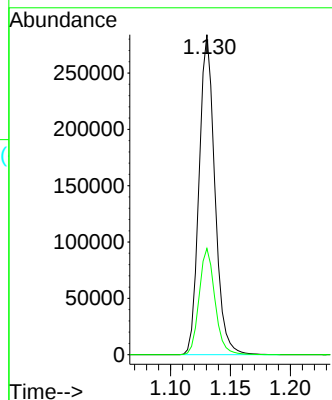
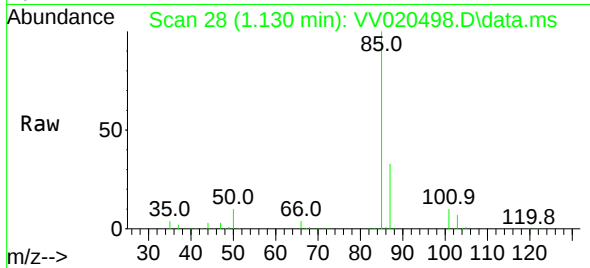




#2
 Dichlorodifluoromethane
 Concen: 49.66 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

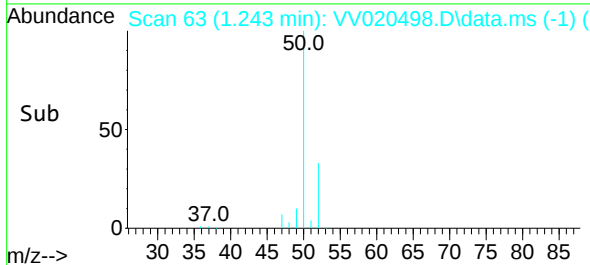
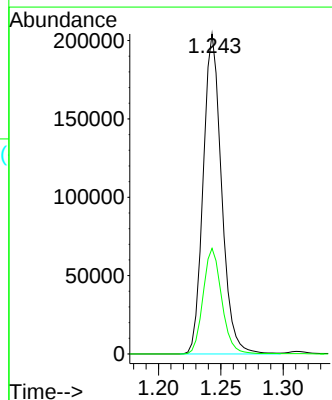
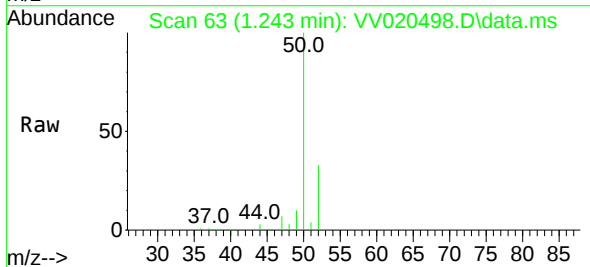
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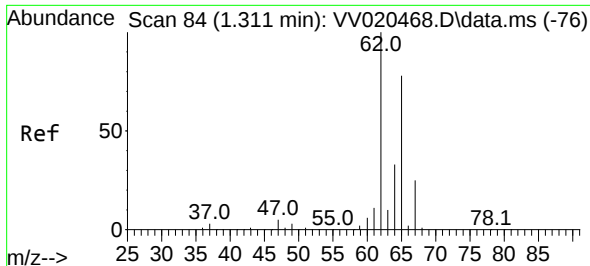
Tgt Ion: 85 Resp: 260855
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.9 38.9



#3
 Chloromethane
 Concen: 45.89 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

Tgt Ion: 50 Resp: 209533
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

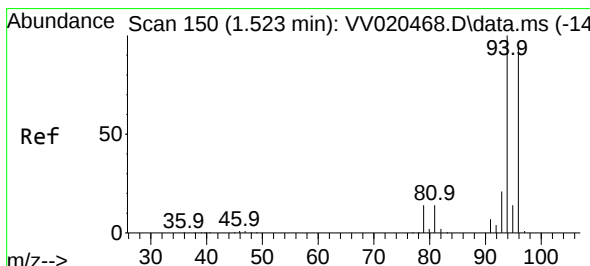
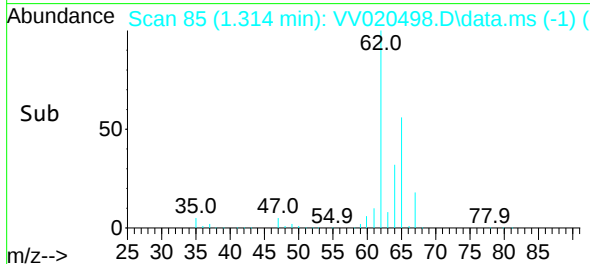
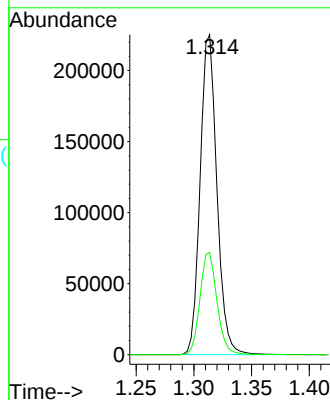
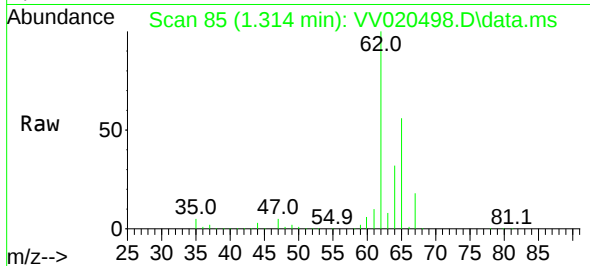




#5
 Vinyl chloride
 Concen: 47.06 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

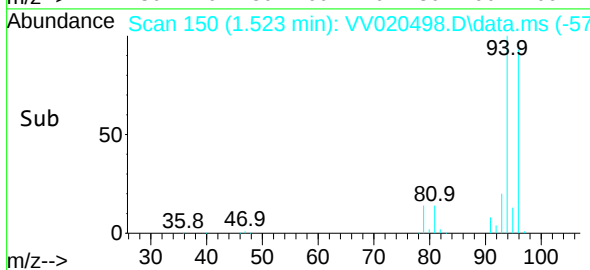
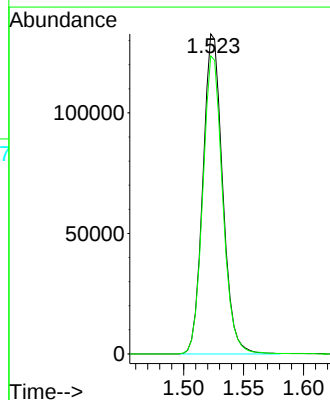
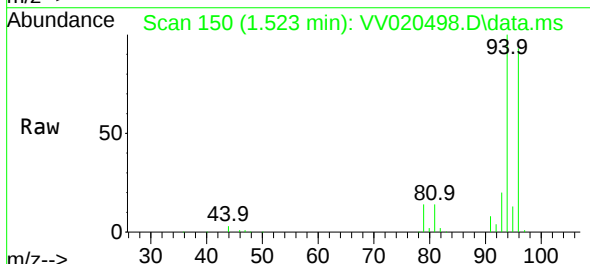
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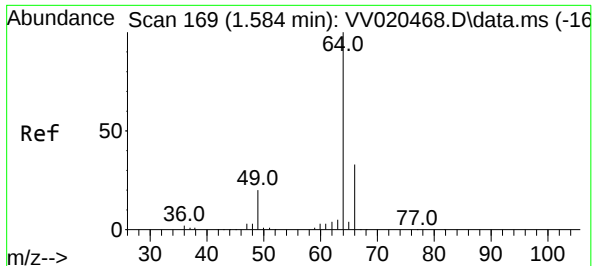
Tgt Ion: 62 Resp: 227013
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.6



#6
 Bromomethane
 Concen: 45.76 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

Tgt Ion: 94 Resp: 151746
 Ion Ratio Lower Upper
 94 100
 96 93.1 63.6 118.2

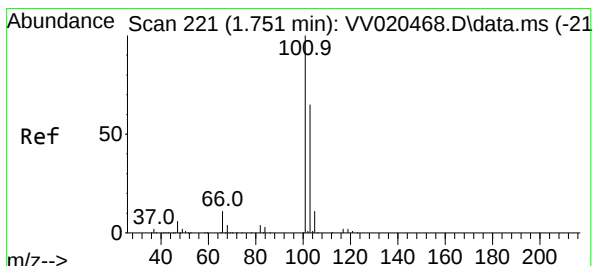
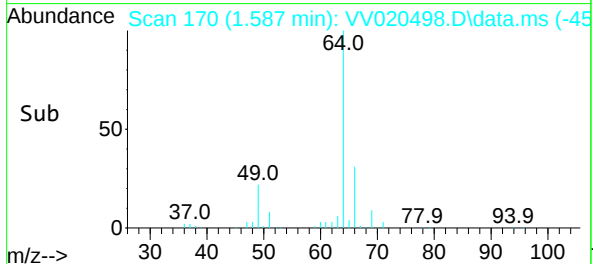
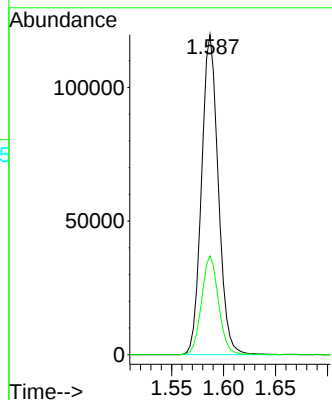
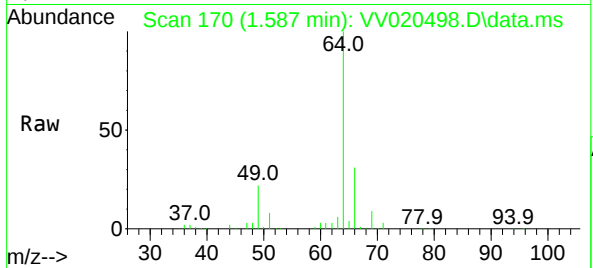




#8
Chloroethane
Concen: 49.57 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

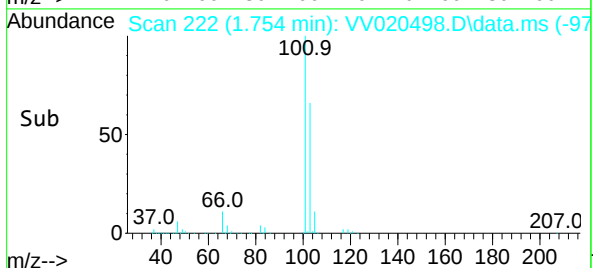
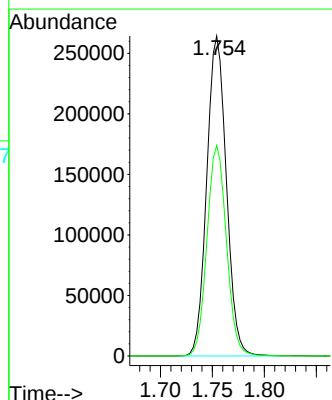
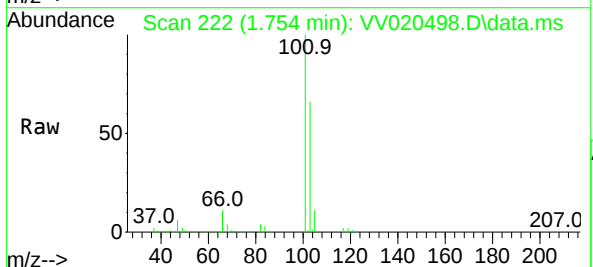
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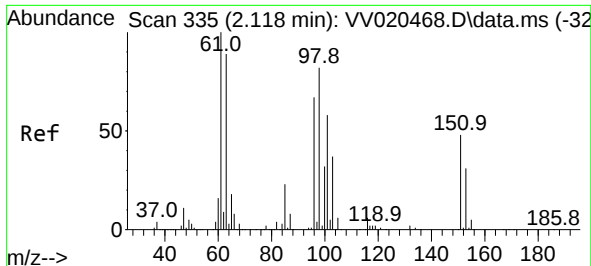
Tgt Ion: 64 Resp: 134092
Ion Ratio Lower Upper
64 100
66 30.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.51 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:101 Resp: 346798
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

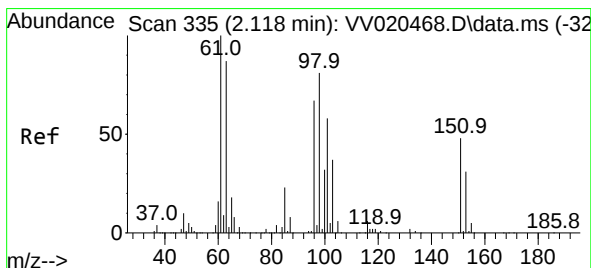
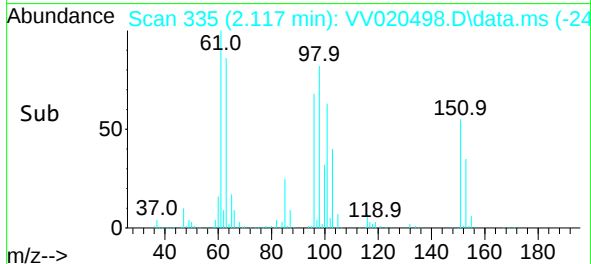
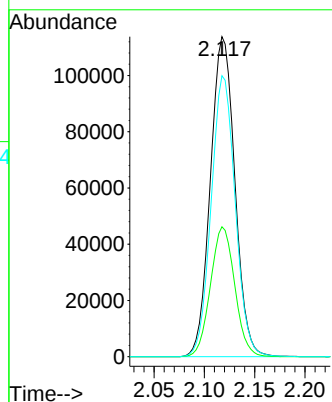
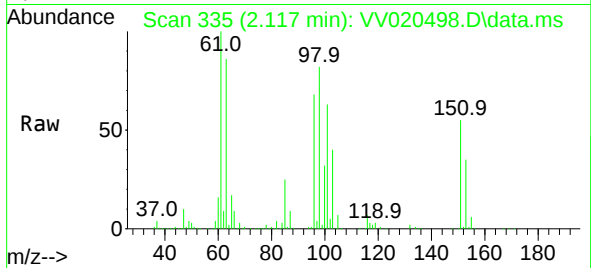




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.32 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

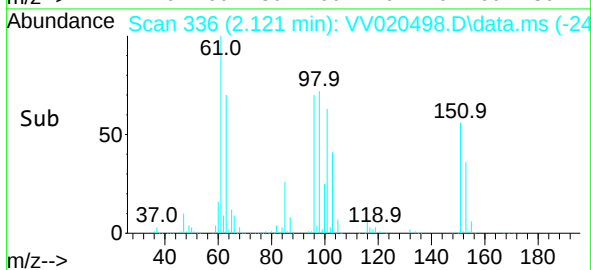
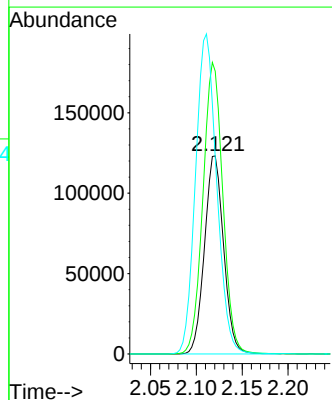
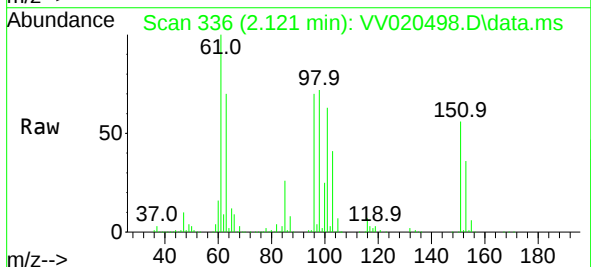
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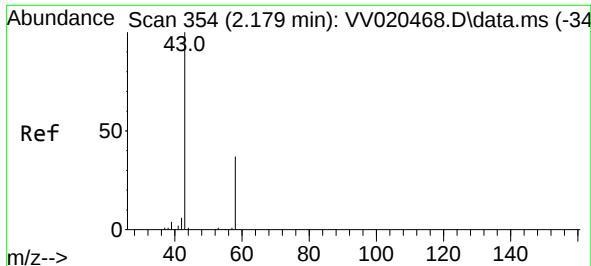
Tgt Ion:101 Resp: 192727
Ion Ratio Lower Upper
101 100
85 40.2 35.3 52.9
151 86.5 53.6 80.4#



#12
1,1-Dichloroethene
Concen: 47.97 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 96 Resp: 178696
Ion Ratio Lower Upper
96 100
61 142.7 134.9 250.5
63 99.3 117.6 218.4#

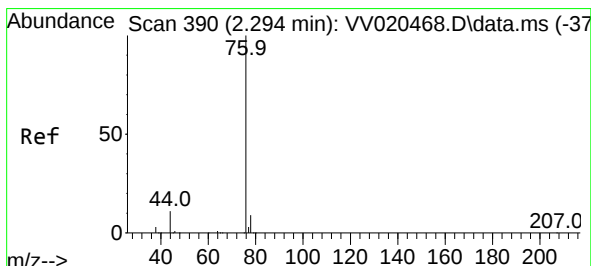
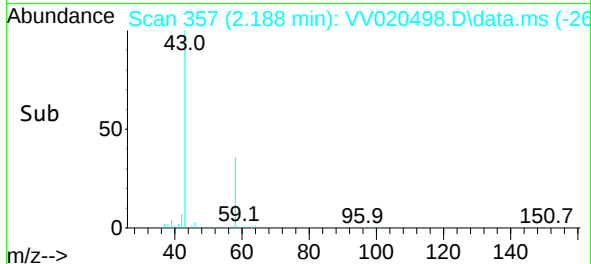
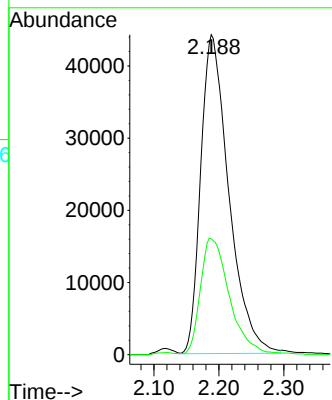
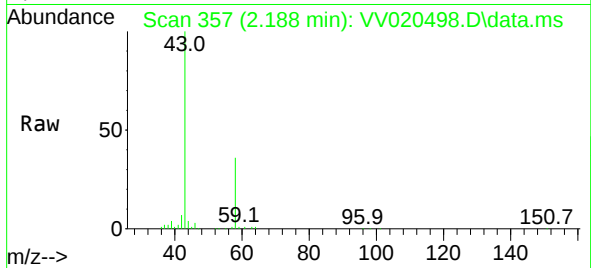




#13
Acetone
Concen: 88.75 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.009 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

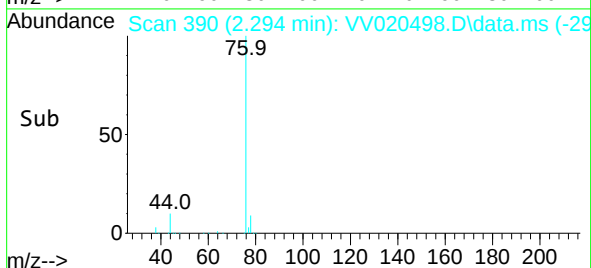
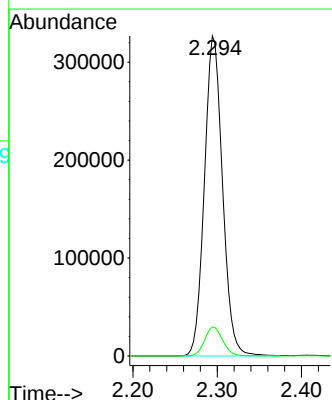
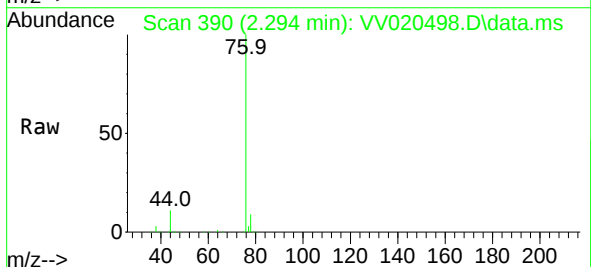
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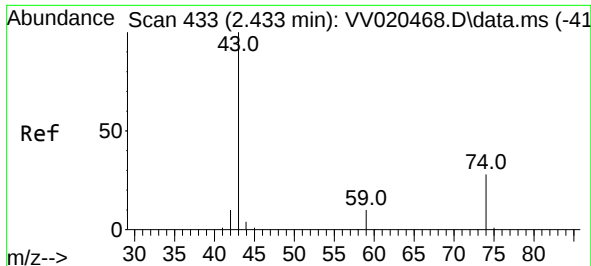
Tgt Ion: 43 Resp: 132787
Ion Ratio Lower Upper
43 100
58 37.0 0.0 60.2



#14
Carbon disulfide
Concen: 47.12 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 490273
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

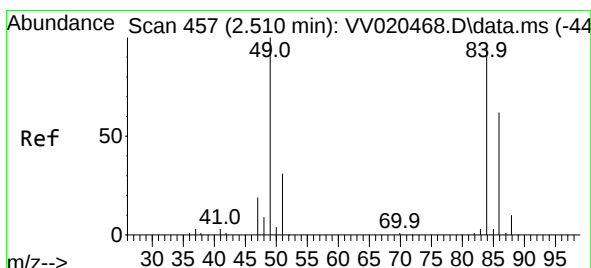
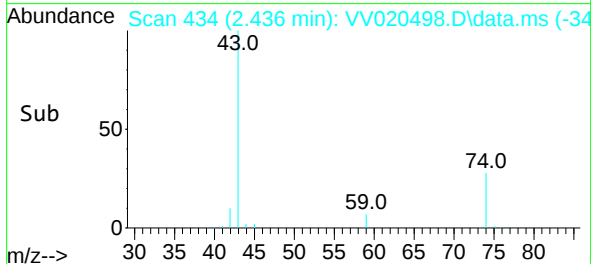
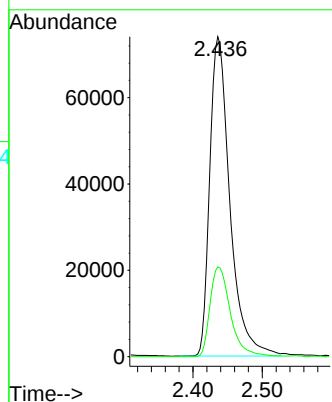
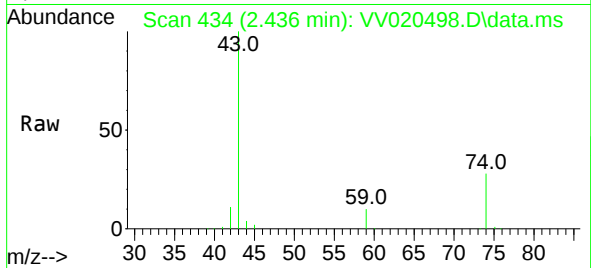




#15
Methyl Acetate
Concen: 44.82 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

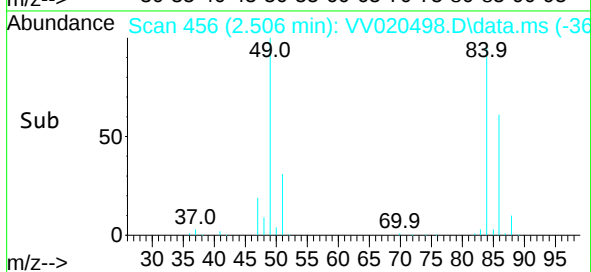
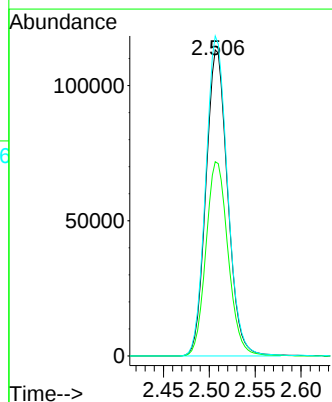
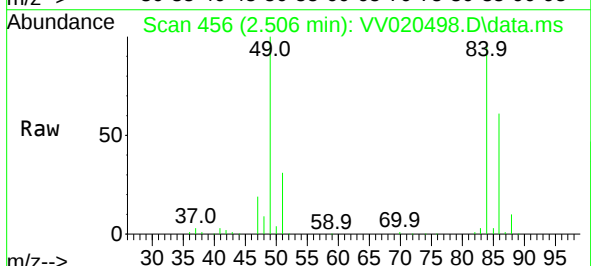
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

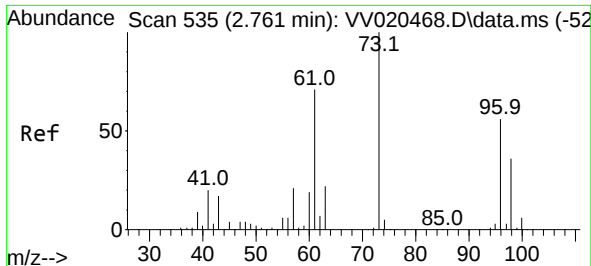
Tgt Ion: 43 Resp: 148970
Ion Ratio Lower Upper
43 100
74 28.6 17.6 26.4#



#16
Methylene chloride
Concen: 46.58 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 84 Resp: 186994
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 104.6 94.6 175.8



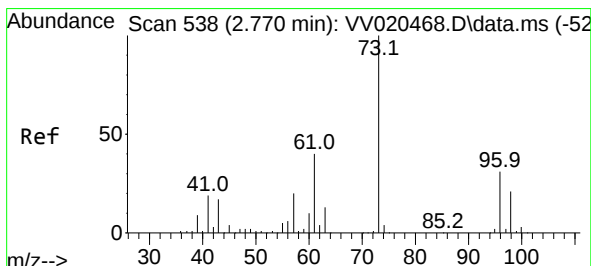
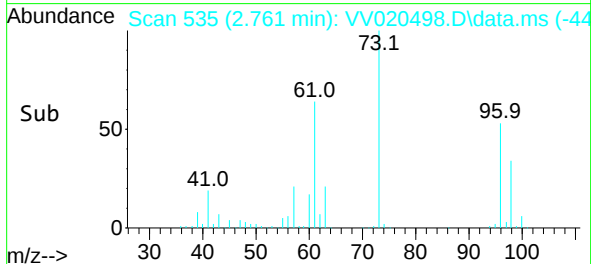
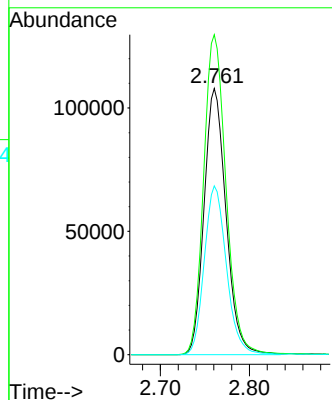
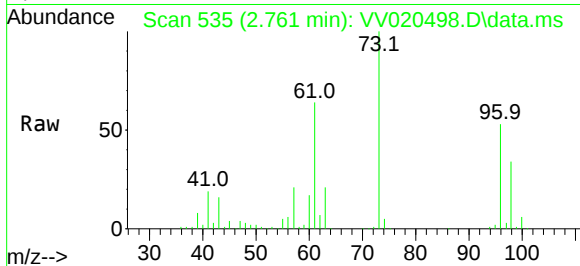


#17
 trans-1,2-Dichloroethene
 Concen: 48.10 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. -0.000 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Tgt Ion: 96 Resp: 185090

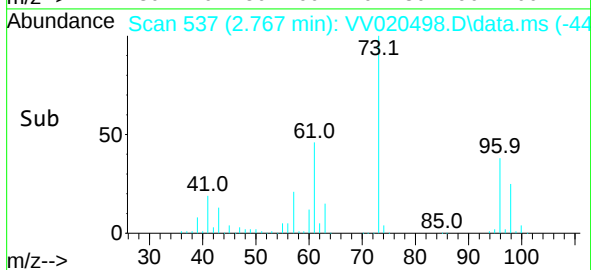
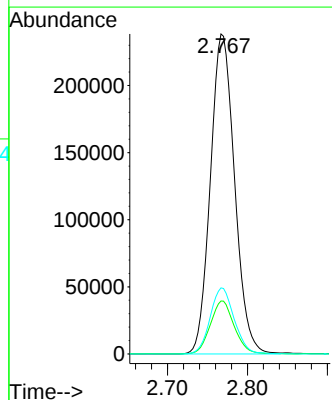
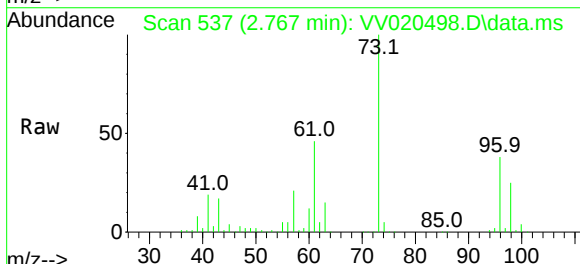
Ion	Ratio	Lower	Upper
96	100		
61	120.2	103.1	191.5
98	63.4	43.1	80.1

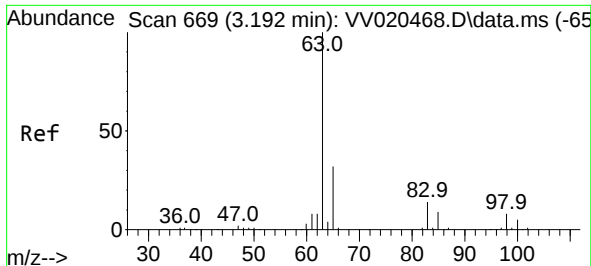


#18
 Methyl tert-butyl Ether
 Concen: 47.64 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.003 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

Tgt Ion: 73 Resp: 501169

Ion	Ratio	Lower	Upper
73	100		
43	16.5	17.3	25.9#
57	20.5	17.9	26.9





#19

1,1-Dichloroethane

Concen: 46.82 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

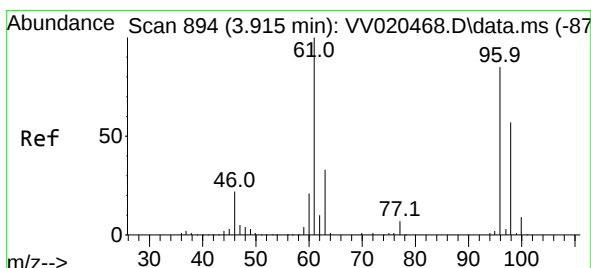
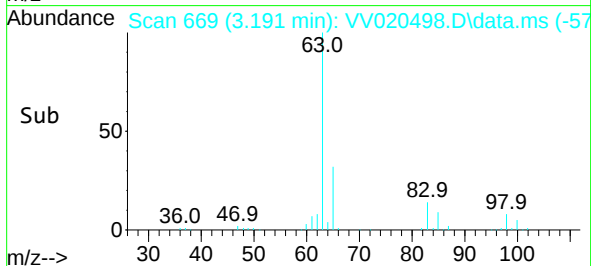
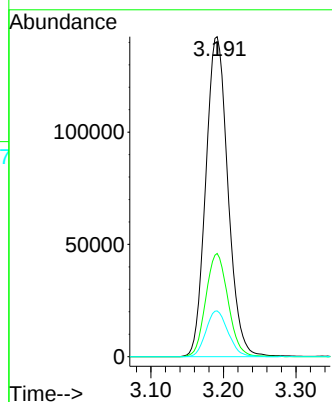
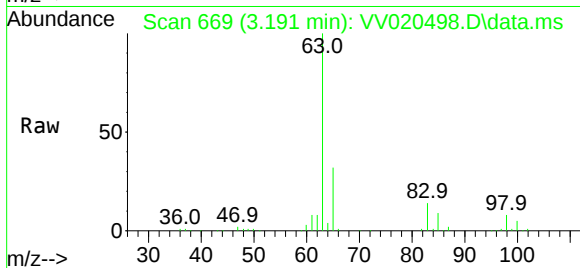
Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

Tgt Ion: 63 Resp: 302965

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.9	40.7
83	14.3	9.5	17.7

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068



#20

cis-1,2-Dichloroethene

Concen: 48.10 ug/L

RT: 3.912 min Scan# 893

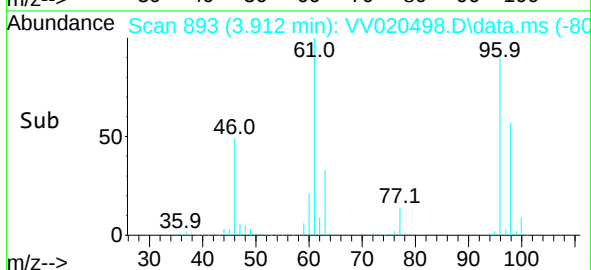
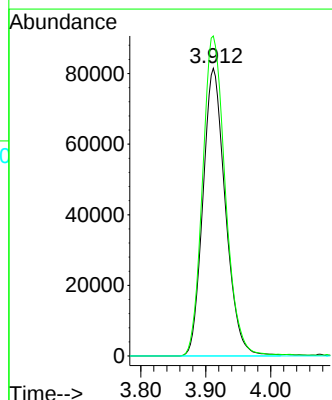
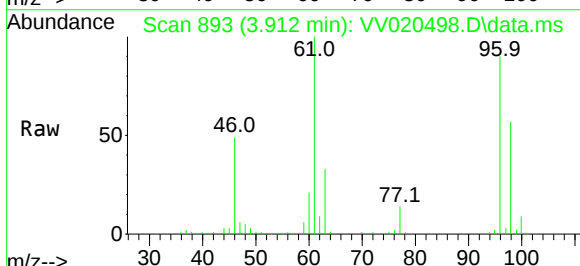
Delta R.T. -0.003 min

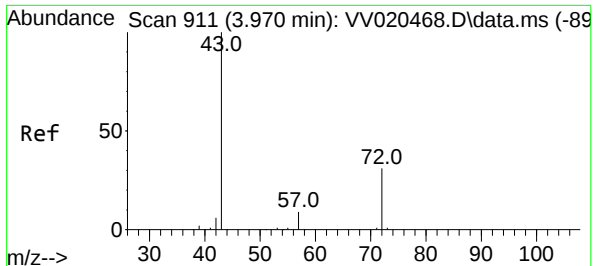
Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

Tgt Ion: 96 Resp: 195620

Ion	Ratio	Lower	Upper
96	100		
61	111.3	96.9	179.9
68	0.0	0.0	0.0

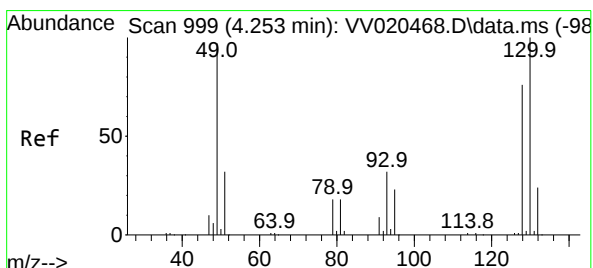
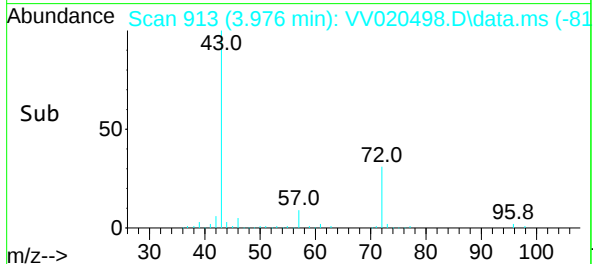
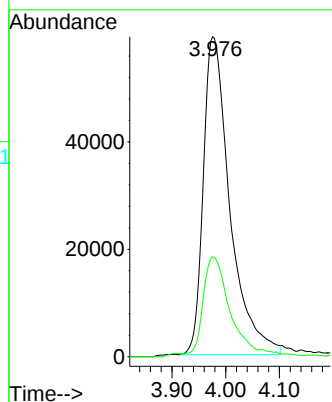
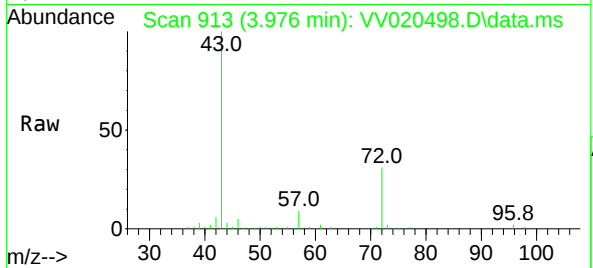




#22
2-Butanone
Concen: 92.09 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

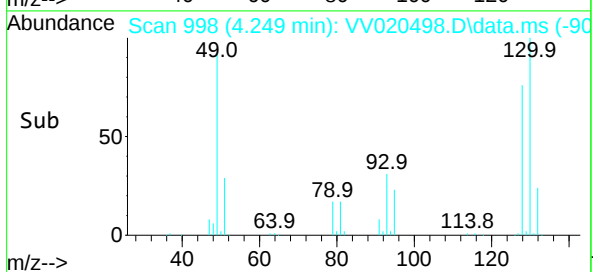
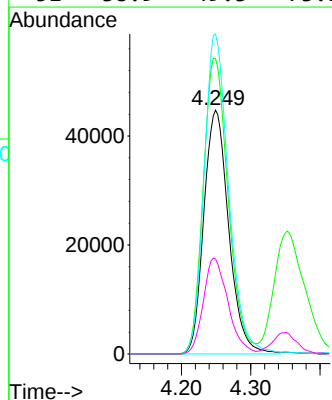
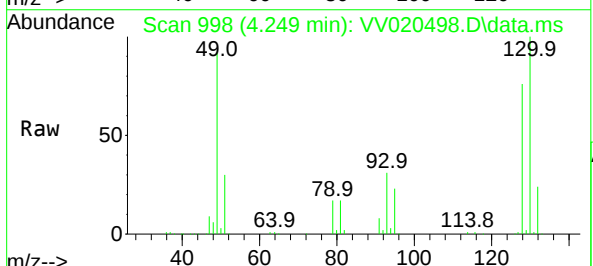
Instrument :
MSVOA_V
ClientSampled :
VSTD05068

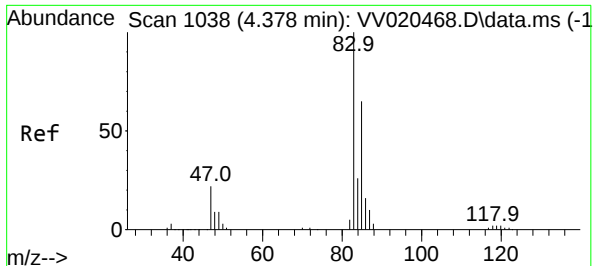
Tgt Ion: 43 Resp: 203762
Ion Ratio Lower Upper
43 100
72 29.0 12.2 36.6



#23
Bromochloromethane
Concen: 47.99 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 128 Resp: 111582
Ion Ratio Lower Upper
128 100
49 121.1 133.1 247.1#
130 131.2 89.0 165.4
51 38.9 49.3 73.9#



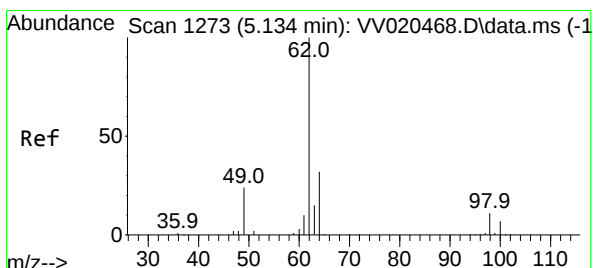
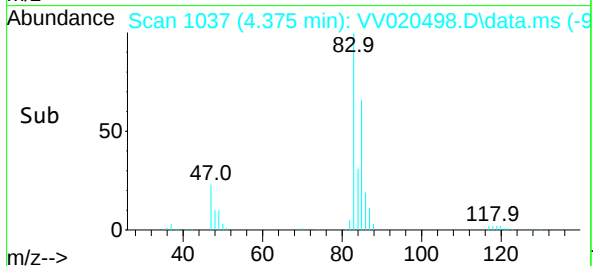
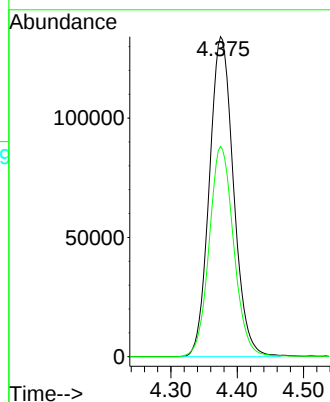
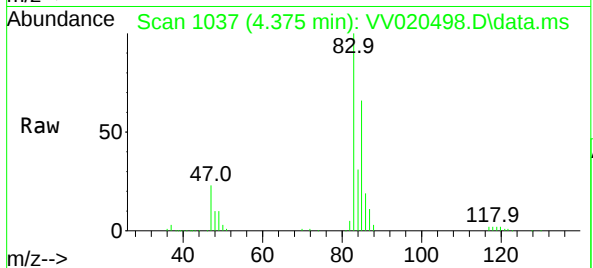


#25

Chloroform
Concen: 46.99 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

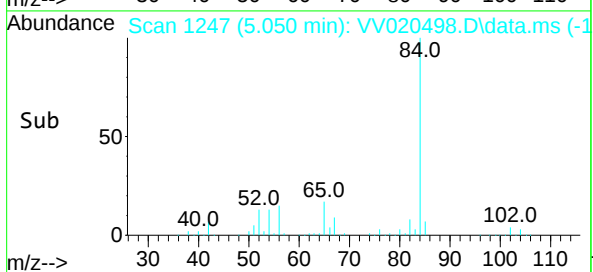
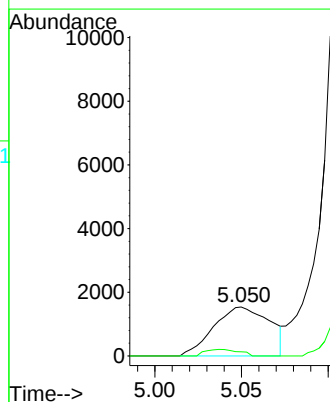
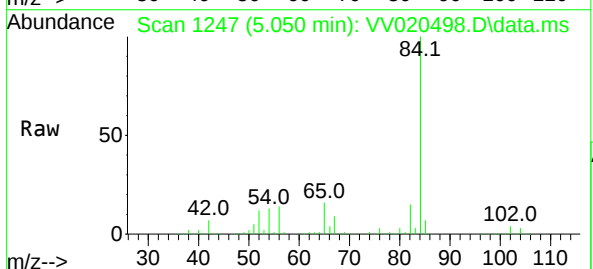
Tgt Ion: 83 Resp: 339944
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.2

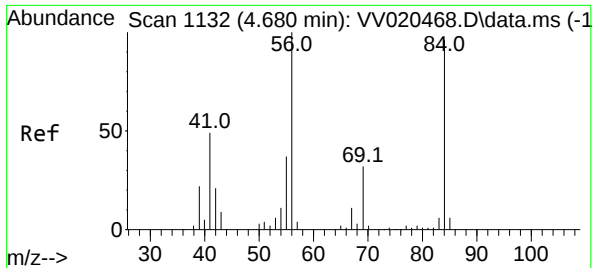


#27

1,2-Dichloroethane
Concen: 0.65 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.084 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 62 Resp: 3455
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3





#29

Cyclohexane

Concen: 51.03 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

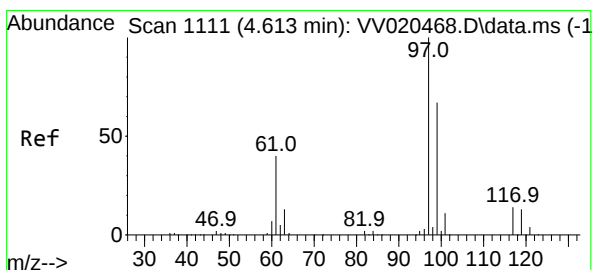
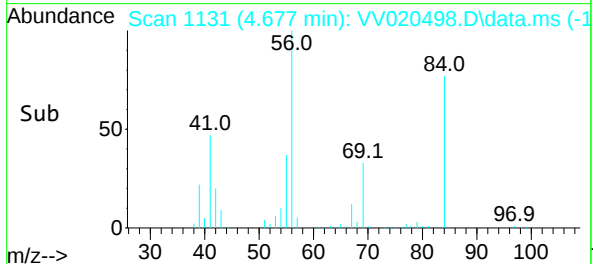
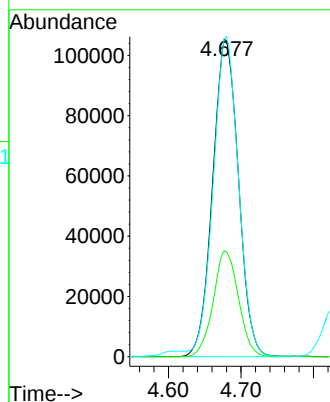
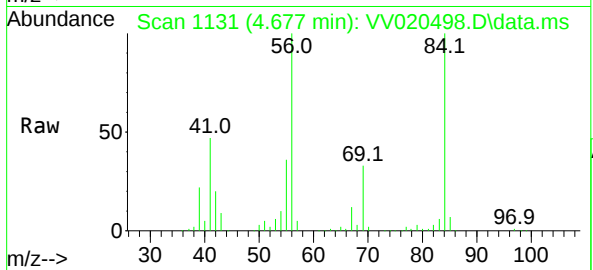
Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

Tgt Ion: 56 Resp: 260362

Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.2	36.2
84	98.8	66.3	99.5

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068



#30

1,1,1-Trichloroethane

Concen: 48.17 ug/L

RT: 4.609 min Scan# 1110

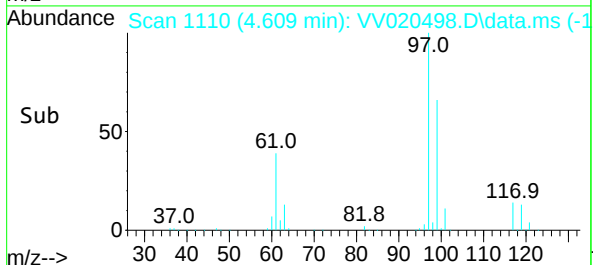
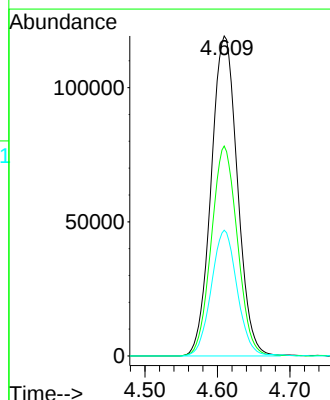
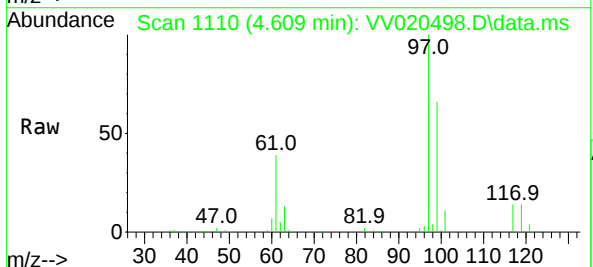
Delta R.T. -0.003 min

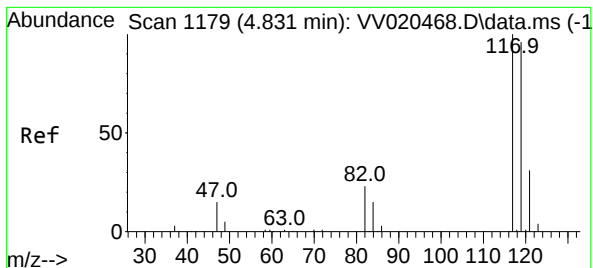
Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

Tgt Ion: 97 Resp: 299922

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	38.7	38.5	57.7

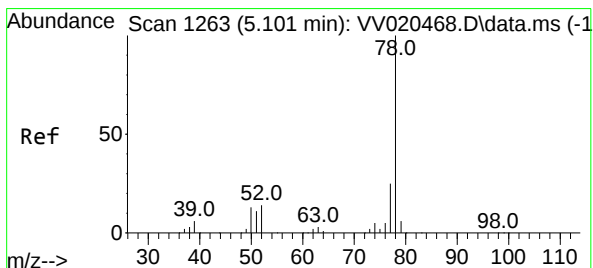
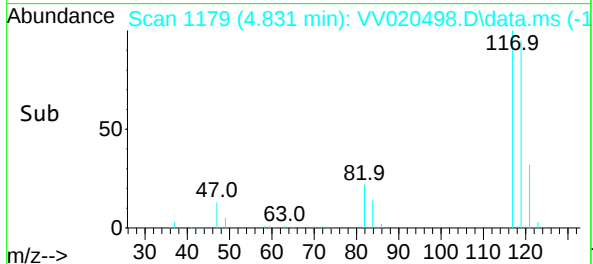
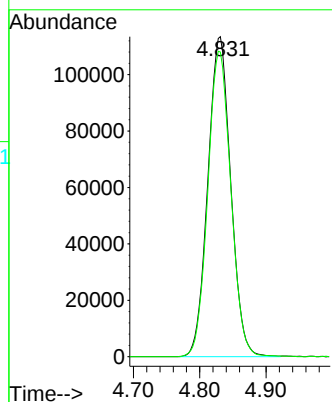
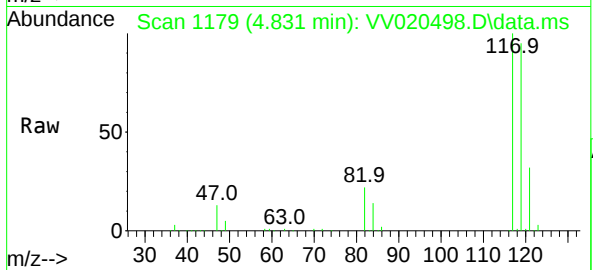




#31
Carbon tetrachloride
Concen: 49.21 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

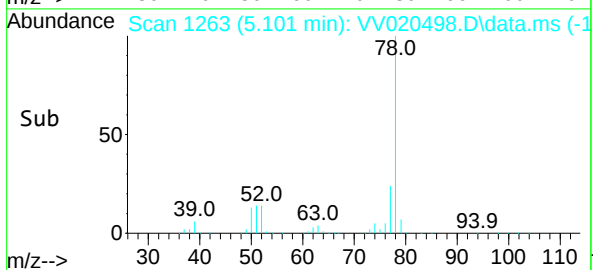
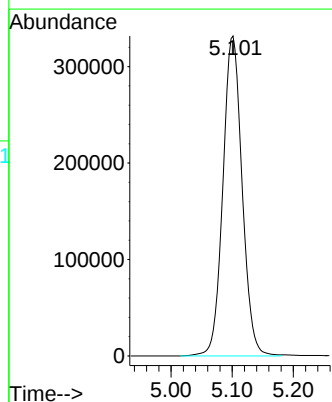
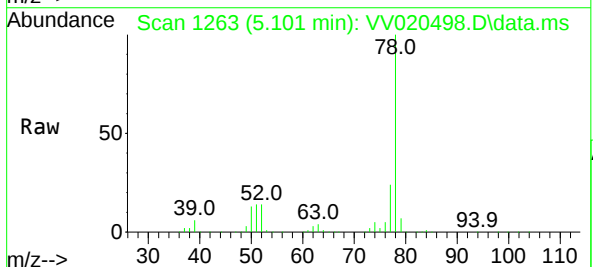
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

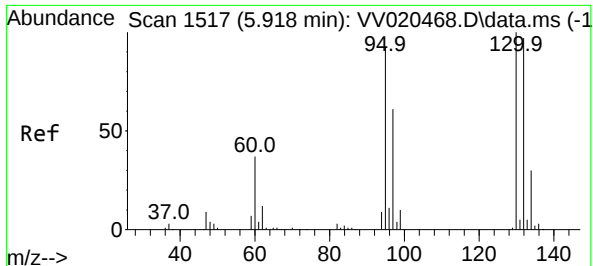
Tgt Ion:117 Resp: 272207
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 48.30 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 78 Resp: 724737





#34

Trichloroethene

Concen: 47.71 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

Tgt Ion: 95 Resp: 213220

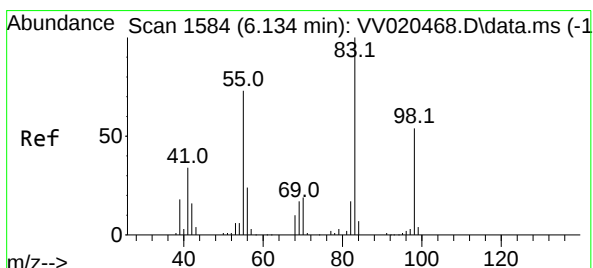
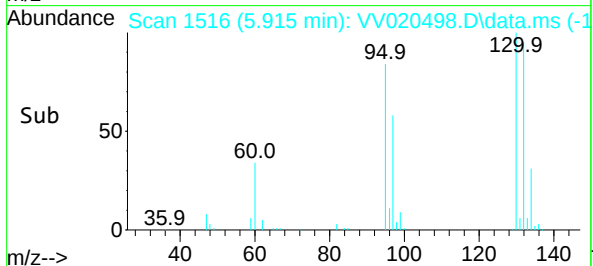
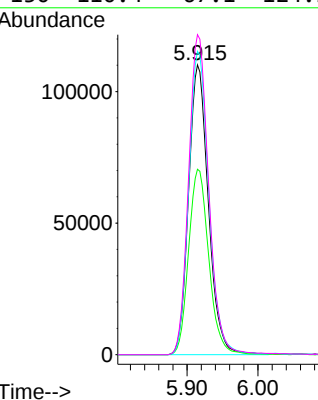
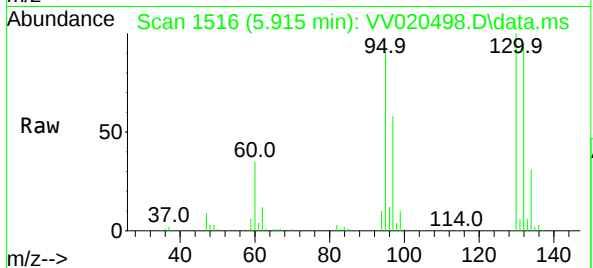
Ion Ratio Lower Upper

95 100

97 64.0 44.5 82.7

132 104.7 63.4 117.8

130 110.4 67.1 124.5



#35

Methylcyclohexane

Concen: 52.69 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV020498.D

Acq: 10 Mar 2021 15:42

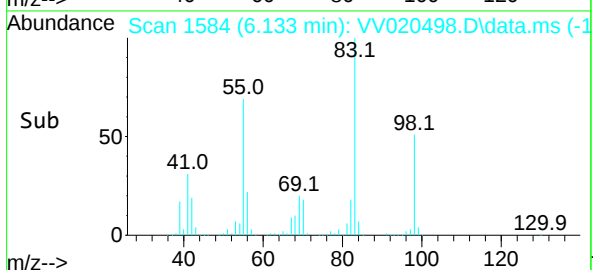
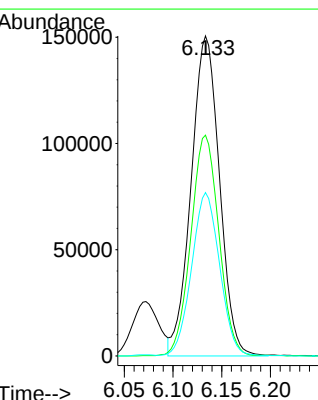
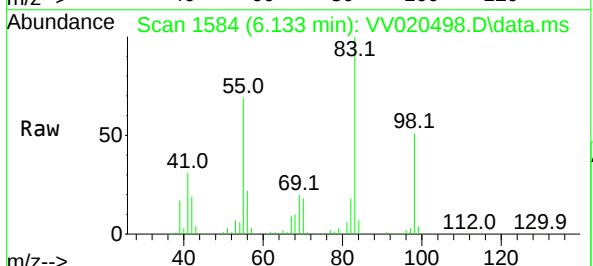
Tgt Ion: 83 Resp: 304903

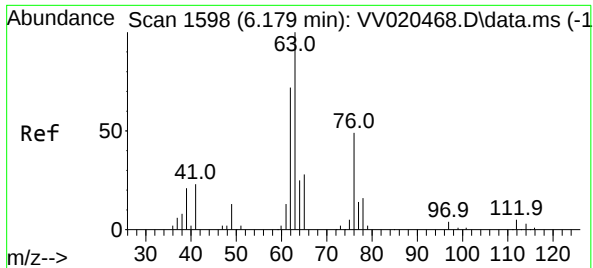
Ion Ratio Lower Upper

83 100

55 68.0 65.1 97.7

98 50.3 38.2 57.2

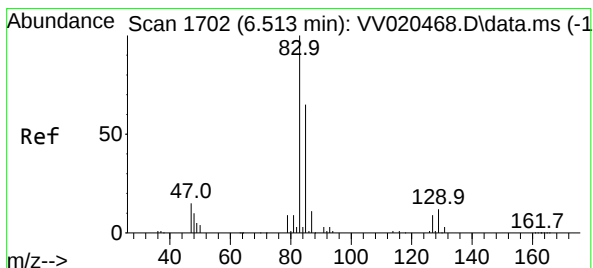
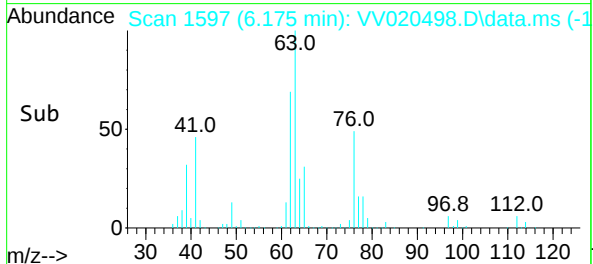
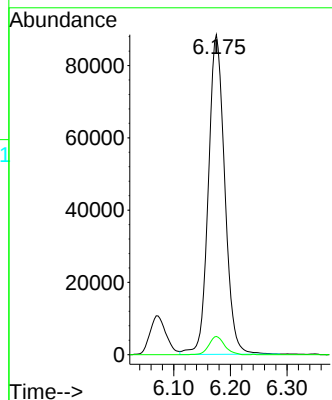
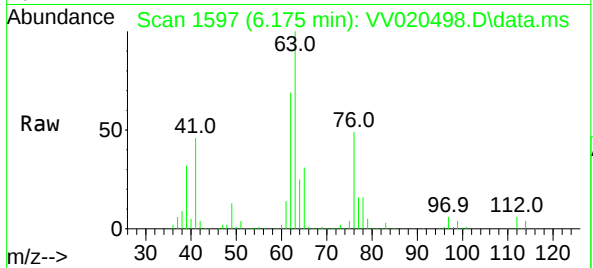




#37
1,2-Dichloropropane
Concen: 47.68 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

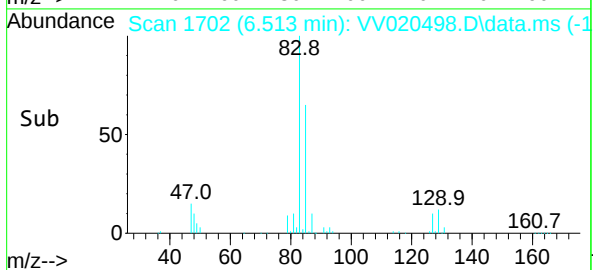
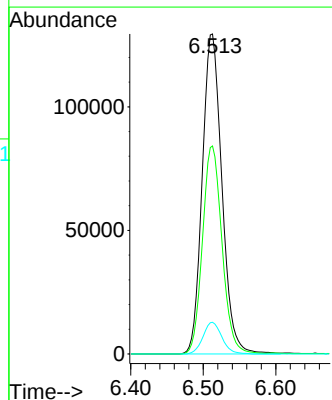
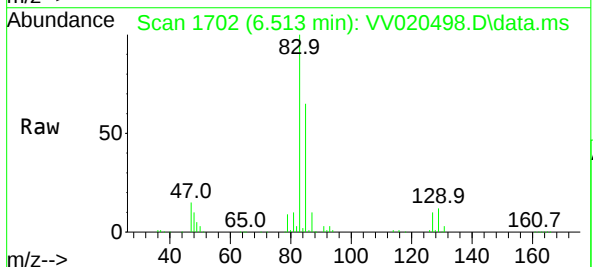
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

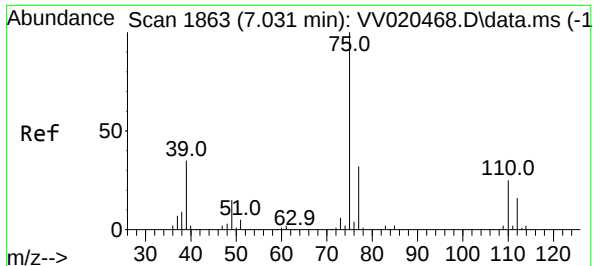
Tgt Ion: 63 Resp: 177871
Ion Ratio Lower Upper
63 100
112 5.5 3.3 4.9#



#38
Bromodichloromethane
Concen: 48.03 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 83 Resp: 244036
Ion Ratio Lower Upper
83 100
85 65.0 44.5 82.7
127 9.9 6.3 9.5#

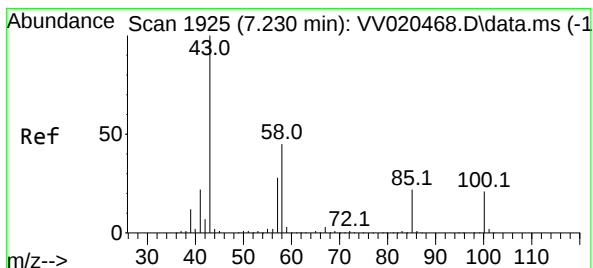
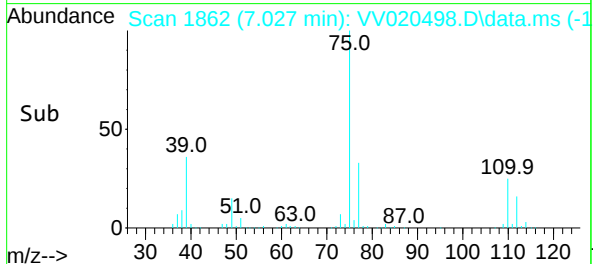
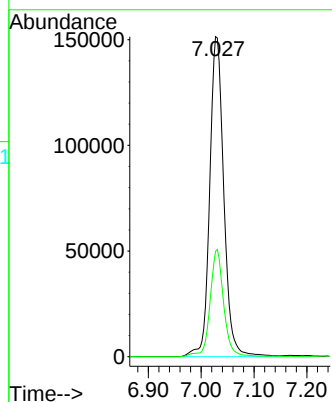
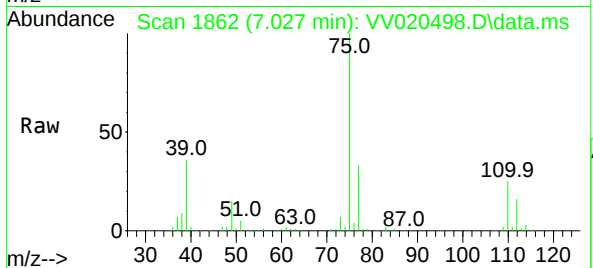




#39
 cis-1,3-Dichloropropene
 Concen: 49.36 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

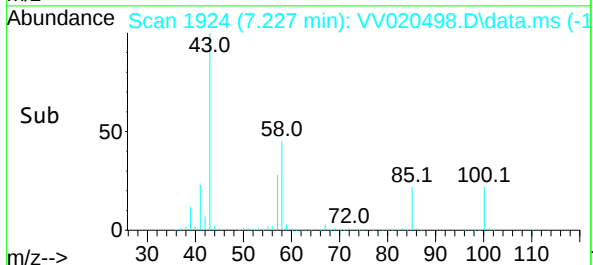
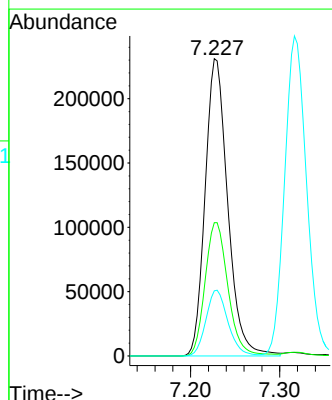
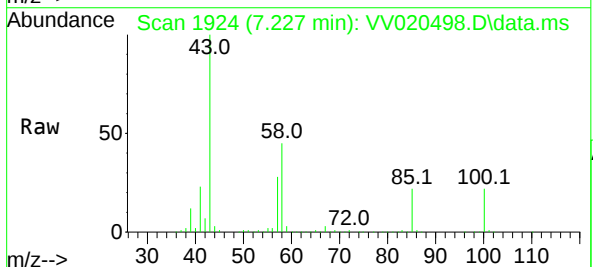
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05068

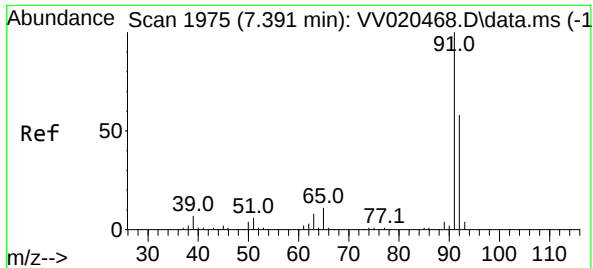
Tgt Ion: 75 Resp: 281546
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 94.64 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV020498.D
 Acq: 10 Mar 2021 15:42

Tgt Ion: 43 Resp: 407612
 Ion Ratio Lower Upper
 43 100
 58 45.4 30.7 46.1
 100 21.5 11.6 17.4#

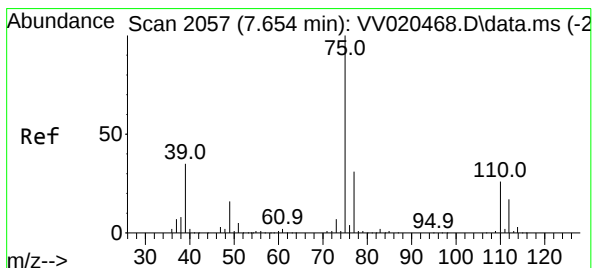
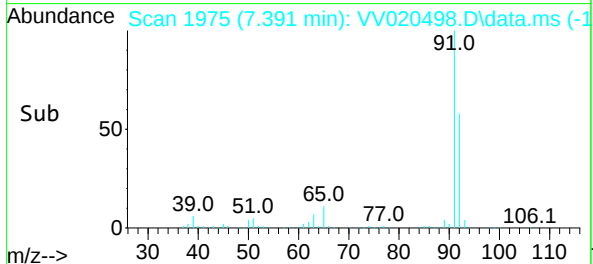
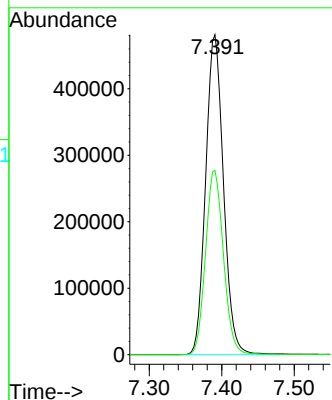
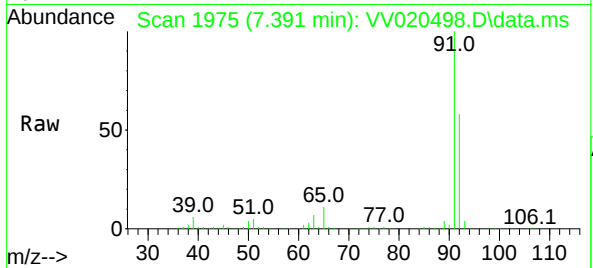




#42
Toluene
Concen: 49.80 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

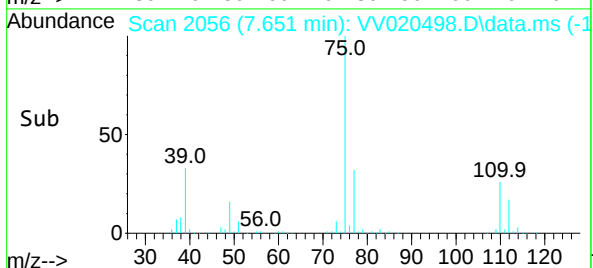
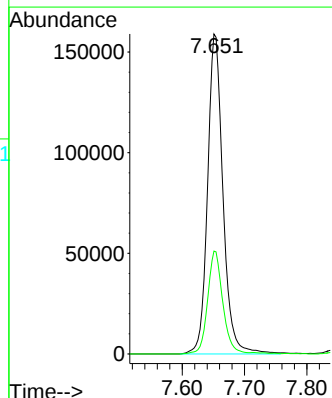
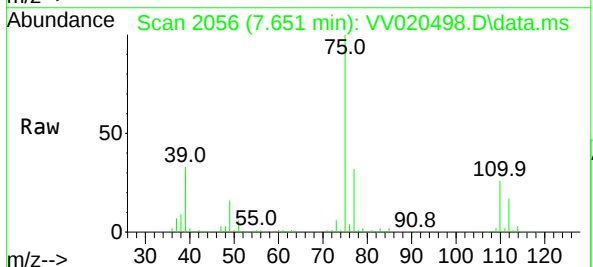
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

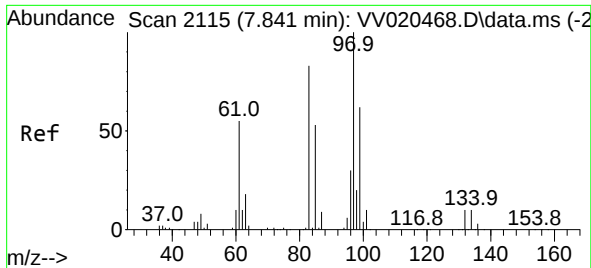
Tgt Ion: 91 Resp: 822515
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 49.29 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 75 Resp: 273414
Ion Ratio Lower Upper
75 100
77 32.2 22.0 41.0



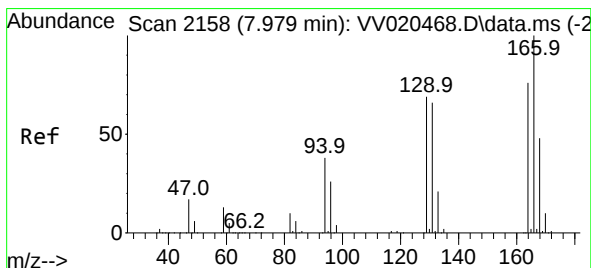
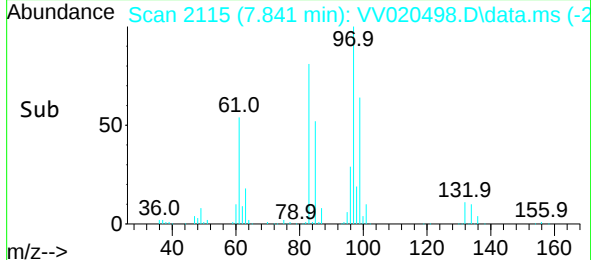
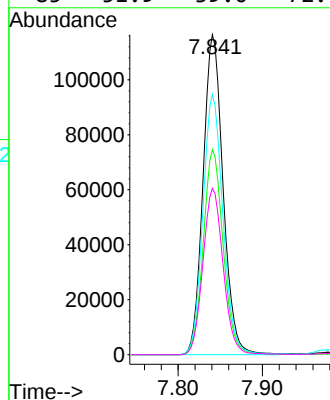
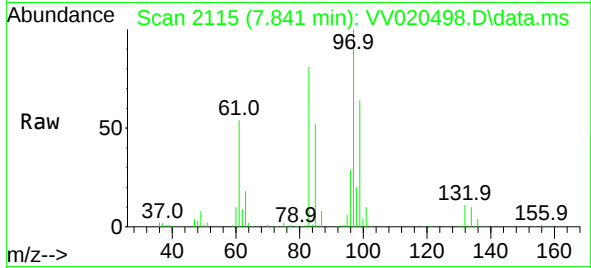


#45
1,1,2-Trichloroethane
Concen: 48.07 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion: 97 Resp: 192819

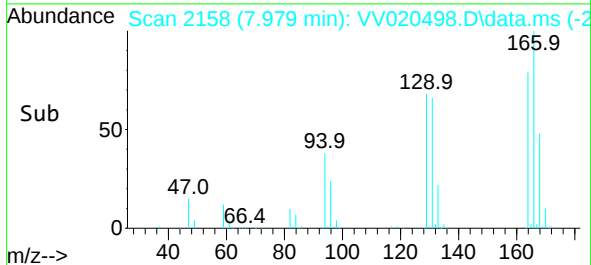
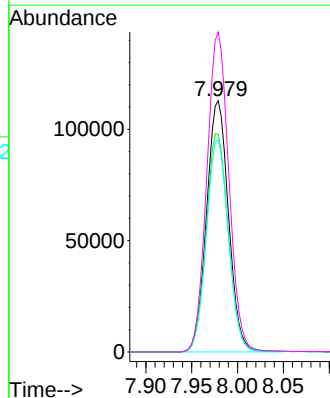
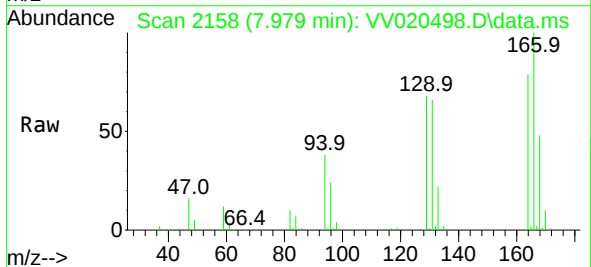
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.8	81.3
83	81.3	62.2	115.4
85	51.9	39.0	72.4

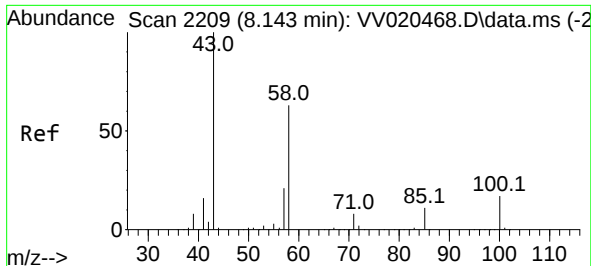


#46
Tetrachloroethene
Concen: 50.07 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 164 Resp: 187749

Ion	Ratio	Lower	Upper
164	100		
129	86.6	70.6	131.0
131	84.5	66.8	124.0
166	127.4	88.2	163.8

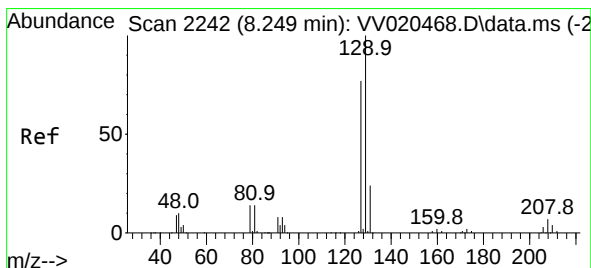
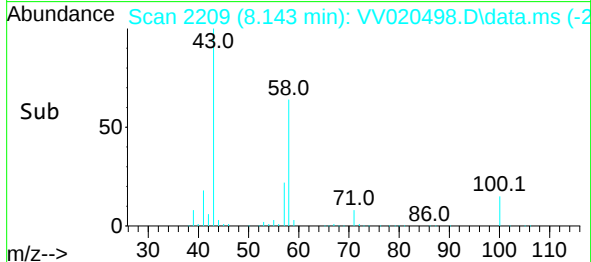
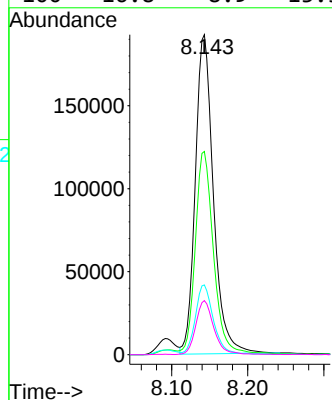
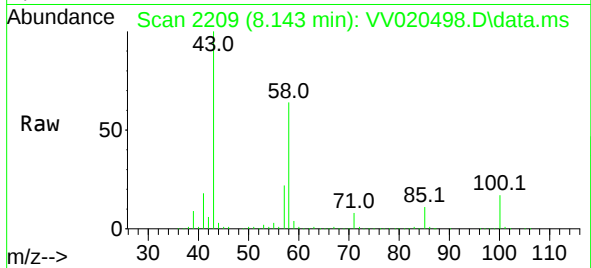




#48
2-Hexanone
Concen: 94.50 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

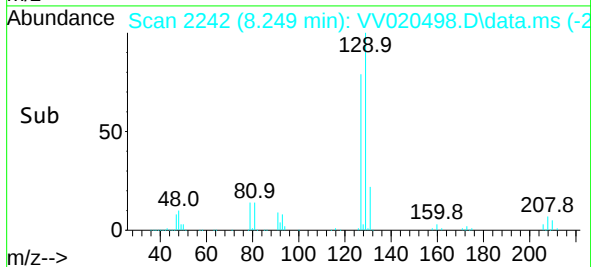
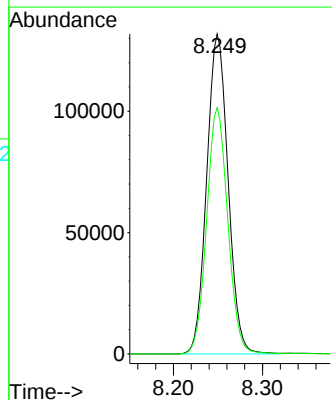
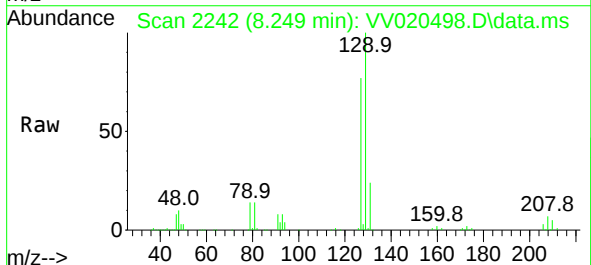
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

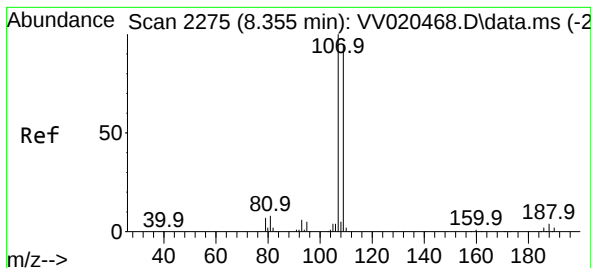
Tgt Ion:	43	Resp:	318598
Ion	Ratio	Lower	Upper
43	100		
58	63.6	41.8	62.6#
57	21.6	15.0	22.4
100	16.8	8.9	13.3#



#49
Dibromochloromethane
Concen: 49.92 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:	129	Resp:	219801
Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.2	102.6

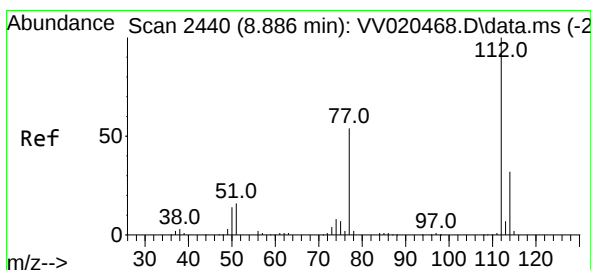
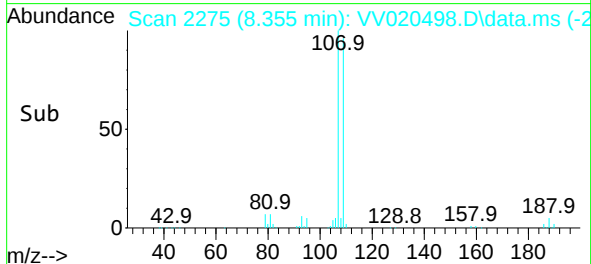
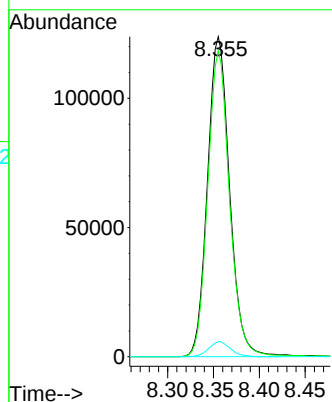
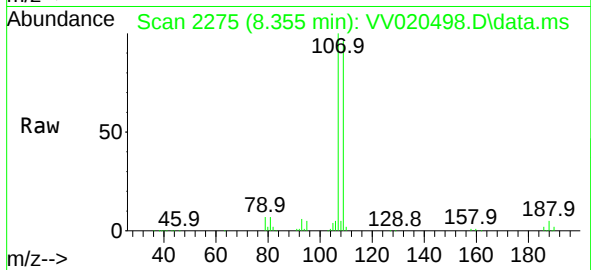




#50
1,2-Dibromoethane
Concen: 48.00 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

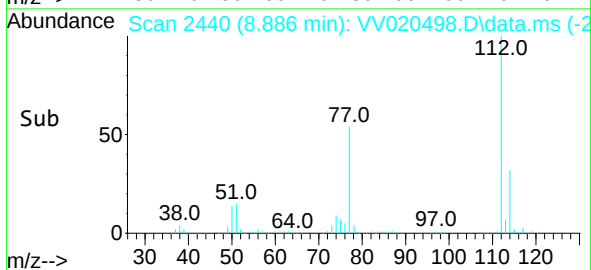
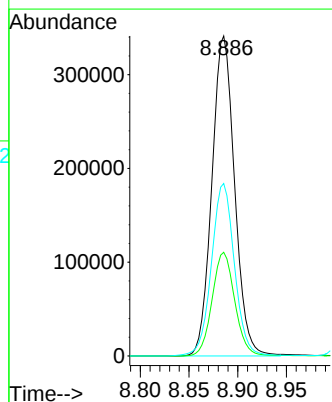
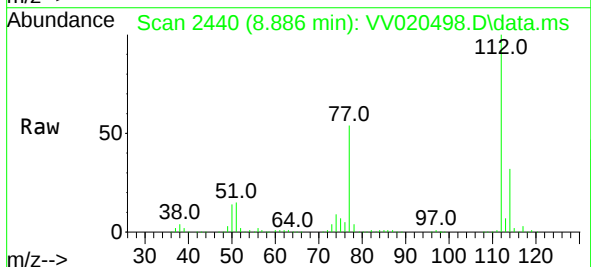
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

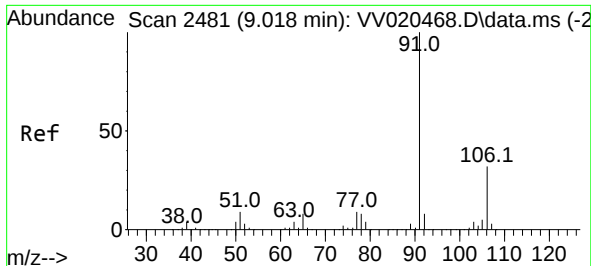
Tgt Ion:107 Resp: 207902
Ion Ratio Lower Upper
107 100
109 95.5 66.2 123.0
188 4.7 2.6 3.8#



#51
Chlorobenzene
Concen: 47.68 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:112 Resp: 554186
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 53.9 49.0 73.6





#52

Ethylbenzene

Concen: 49.62 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV020498.D

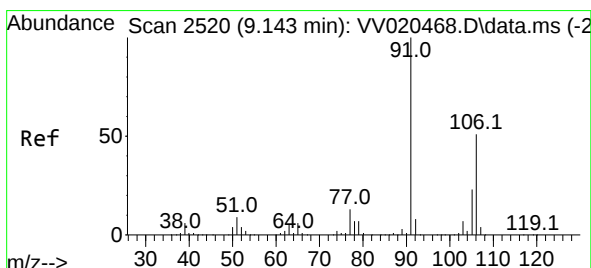
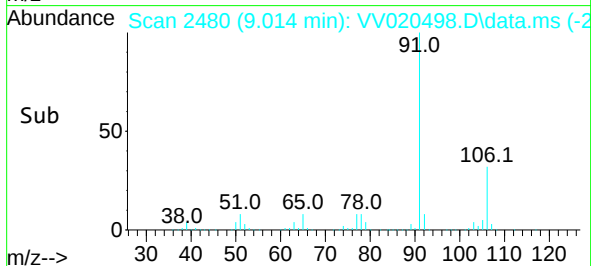
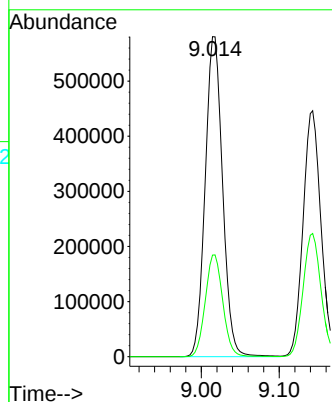
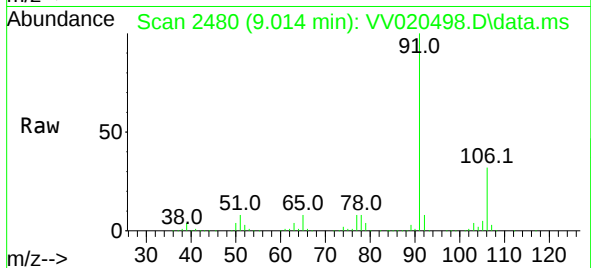
Acq: 10 Mar 2021 15:42

Tgt Ion: 91 Resp: 900705

Ion Ratio Lower Upper

91 100

106 31.8 21.0 39.0



#53

m,p-Xylene

Concen: 50.44 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV020498.D

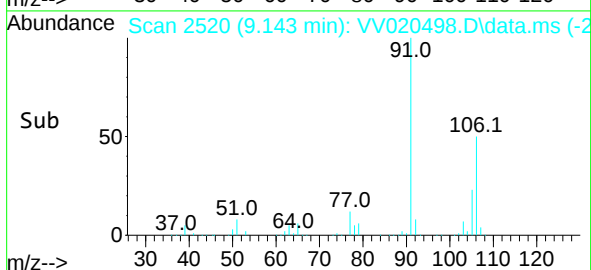
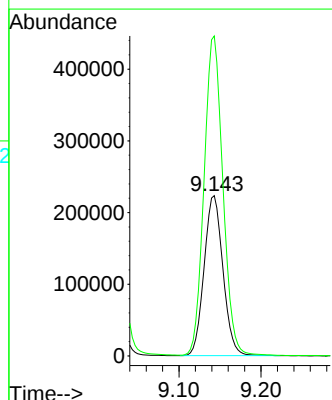
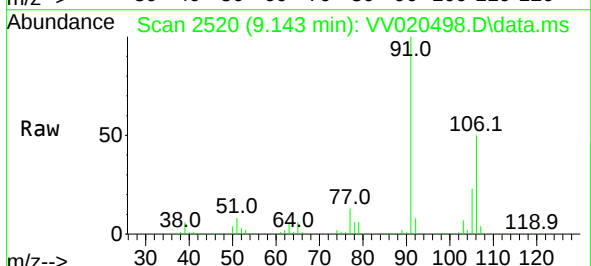
Acq: 10 Mar 2021 15:42

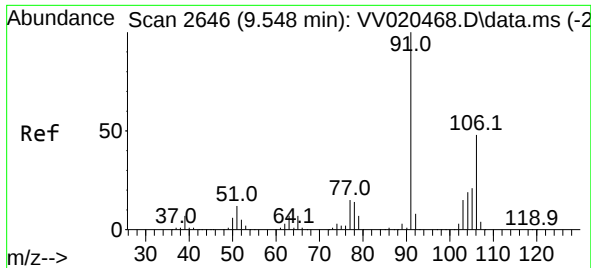
Tgt Ion: 106 Resp: 357327

Ion Ratio Lower Upper

106 100

91 199.7 148.1 275.0

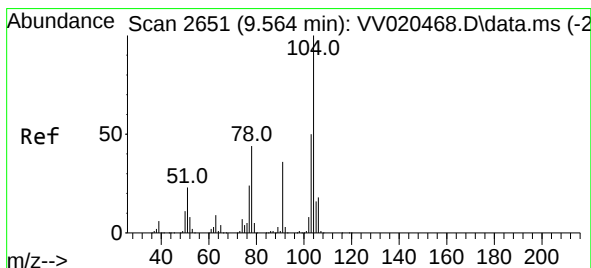
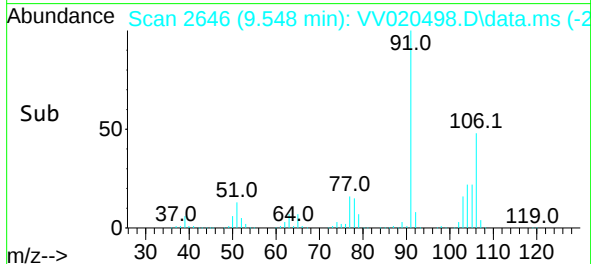
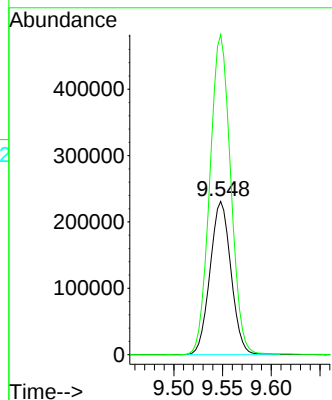
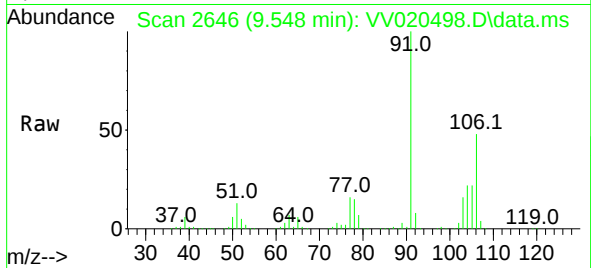




#54
o-xylene
Concen: 50.55 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

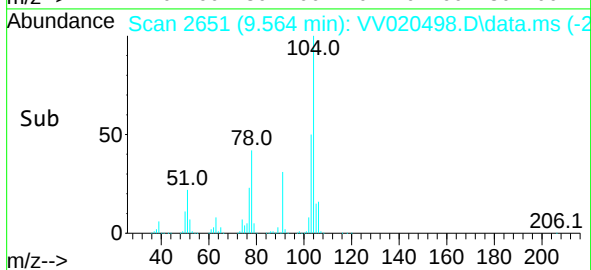
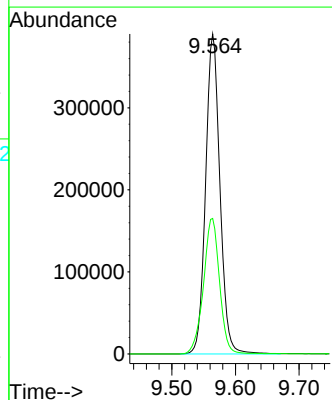
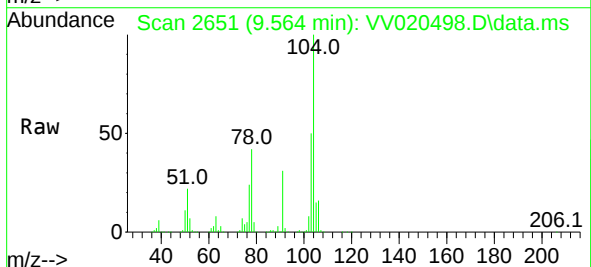
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

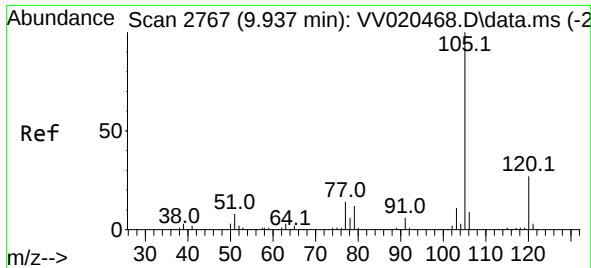
Tgt Ion:106 Resp: 344731
Ion Ratio Lower Upper
106 100
91 208.8 156.4 290.6



#55
Styrene
Concen: 51.88 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:104 Resp: 609372
Ion Ratio Lower Upper
104 100
78 42.4 33.7 62.5

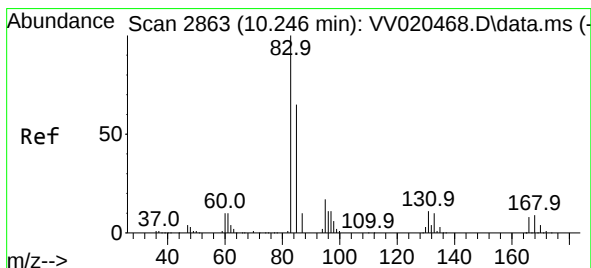
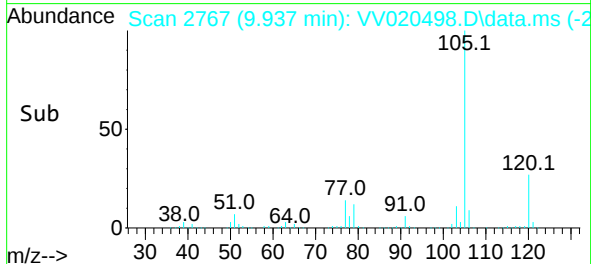
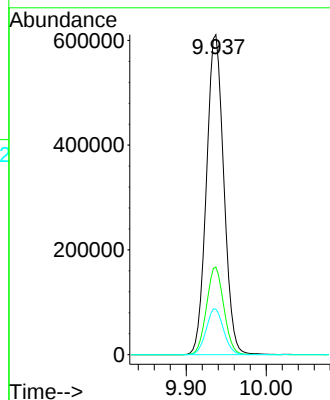
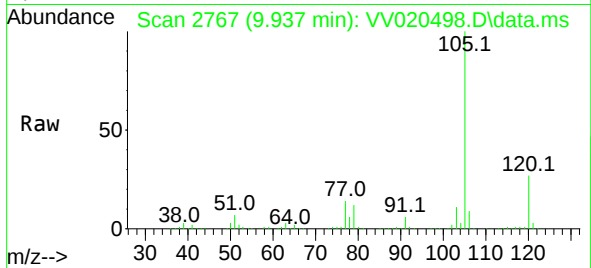




#56
Isopropylbenzene
Concen: 51.20 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

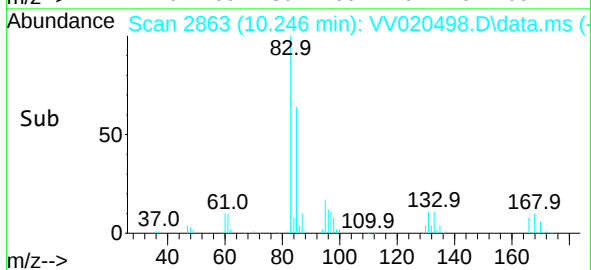
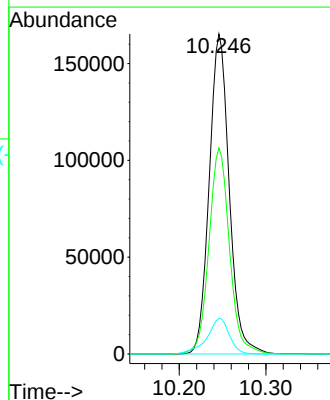
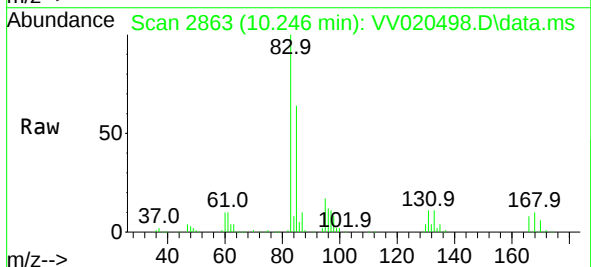
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

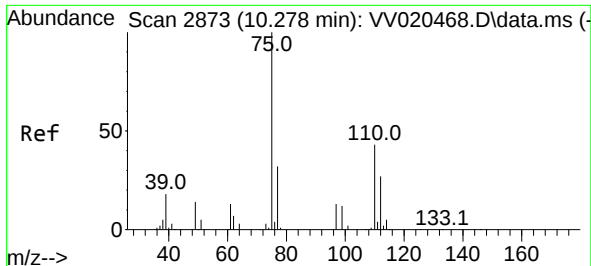
Tgt Ion:105 Resp: 922944
Ion Ratio Lower Upper
105 100
120 27.4 20.5 30.7
77 14.4 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 48.17 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 83 Resp: 264869
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
131 11.1 7.3 10.9#

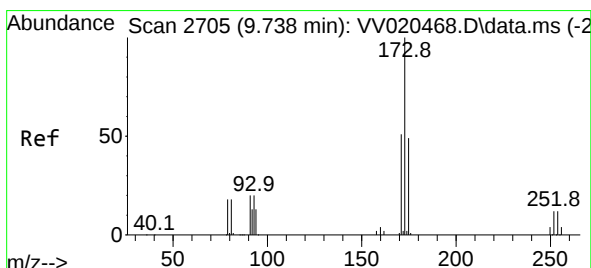
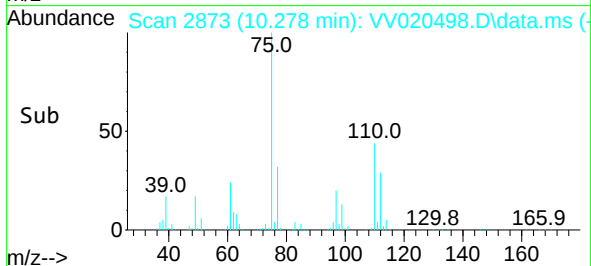
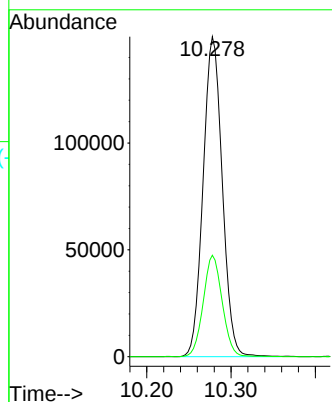
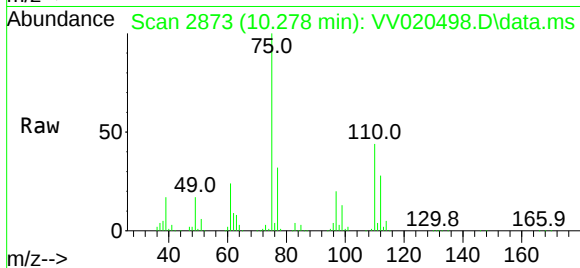




#59
1,2,3-Trichloropropane
Concen: 47.16 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

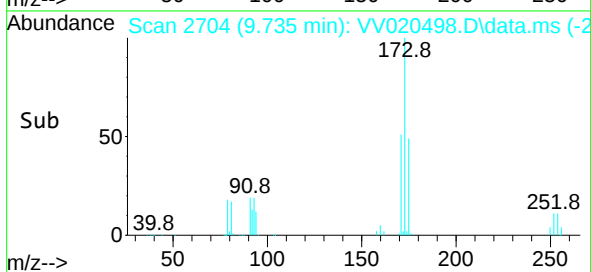
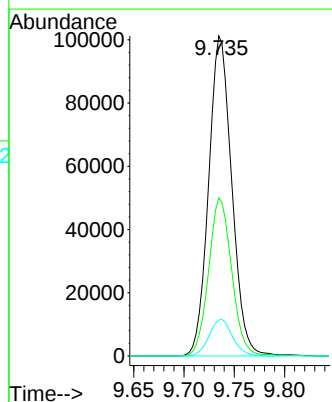
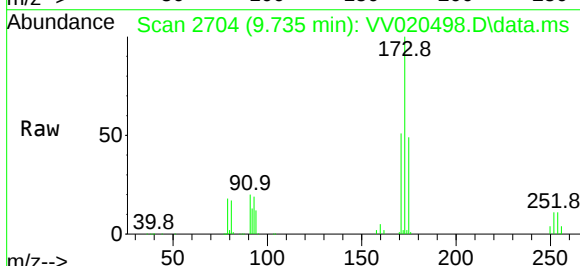
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

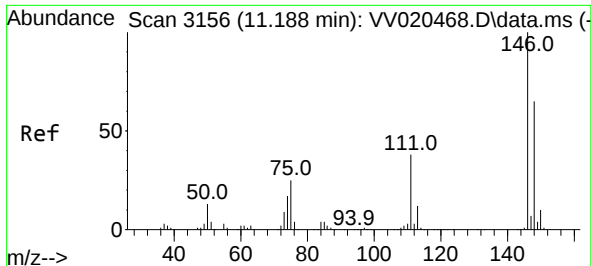
Tgt Ion: 75 Resp: 237130
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#61
Bromoform
Concen: 47.91 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 173 Resp: 161957
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 11.6 6.5 9.7#

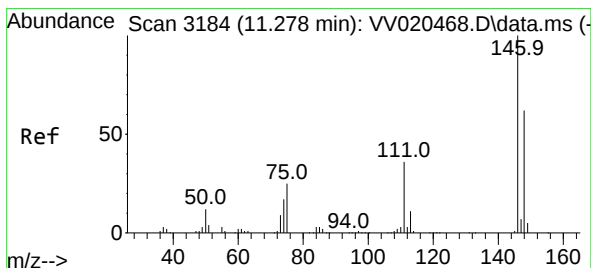
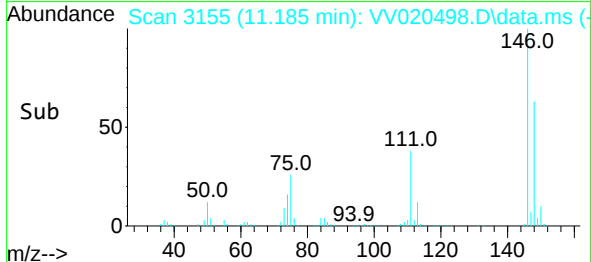
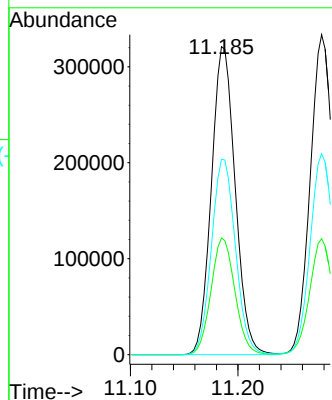
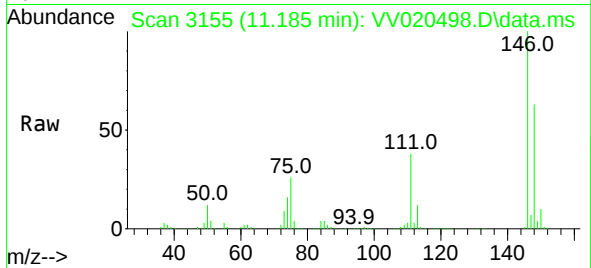




#62
1,3-Dichlorobenzene
Concen: 48.80 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

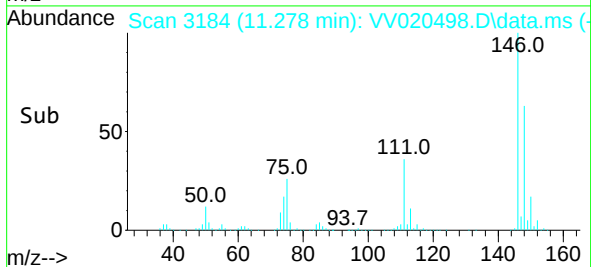
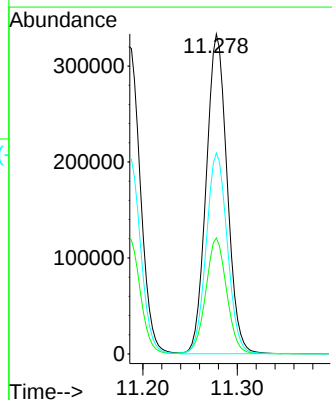
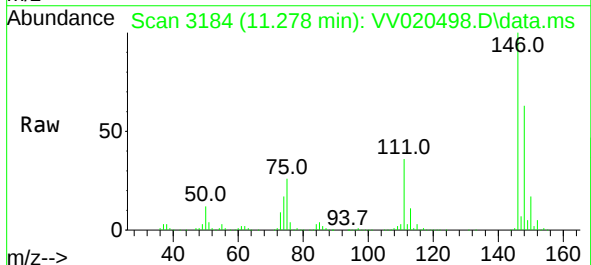
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

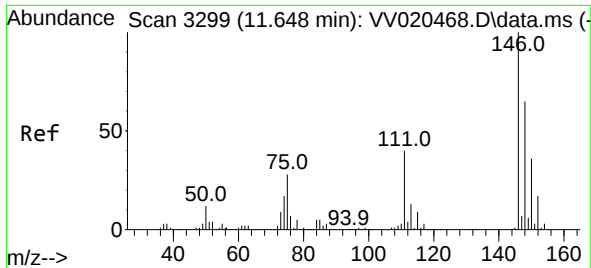
Tgt Ion:146 Resp: 494622
Ion Ratio Lower Upper
146 100
111 37.9 30.2 56.2
148 63.4 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.27 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:146 Resp: 511262
Ion Ratio Lower Upper
146 100
111 36.2 29.4 54.6
148 62.8 44.7 83.1

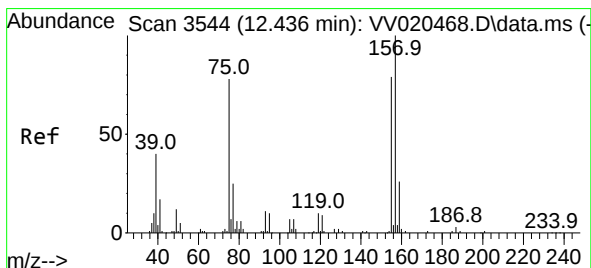
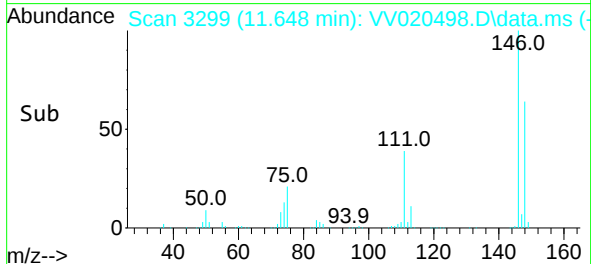
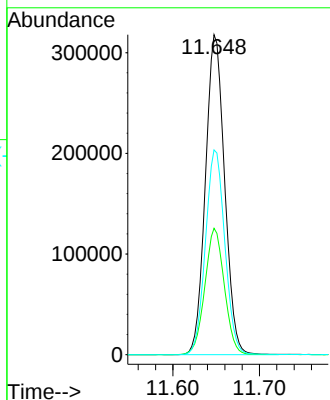
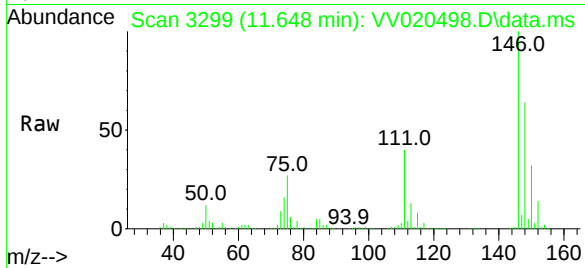




#65
1,2-Dichlorobenzene
Concen: 47.63 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

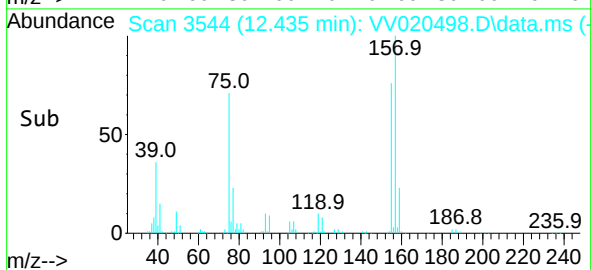
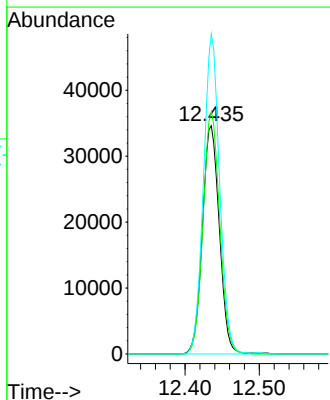
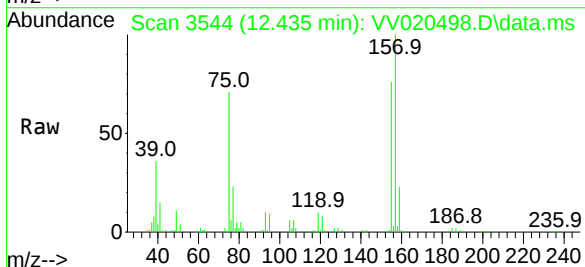
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

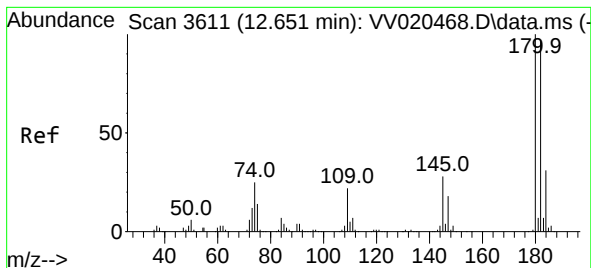
Tgt Ion:146 Resp: 488564
Ion Ratio Lower Upper
146 100
111 39.5 36.3 54.5
148 64.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 44.37 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion: 75 Resp: 54634
Ion Ratio Lower Upper
75 100
155 106.2 59.1 88.7#
157 140.2 75.4 113.0#

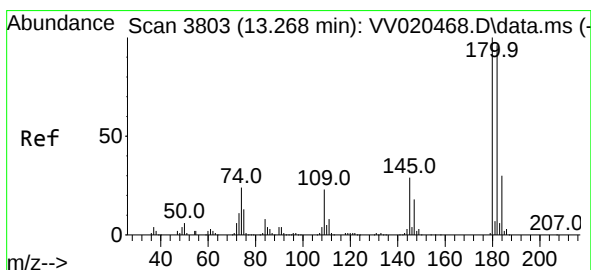
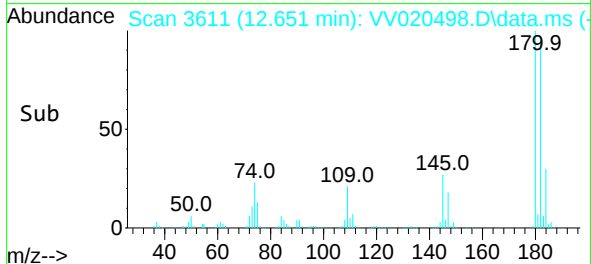
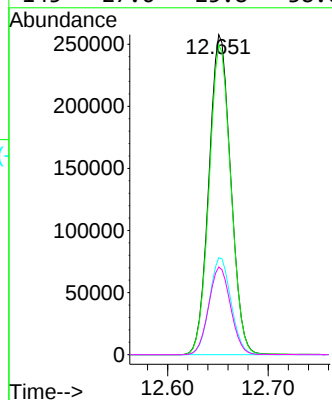
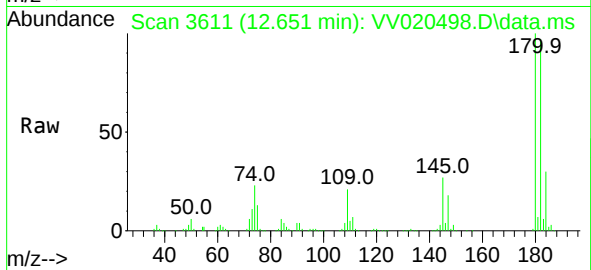




#67
1,3,5-Trichlorobenzene
Concen: 49.04 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

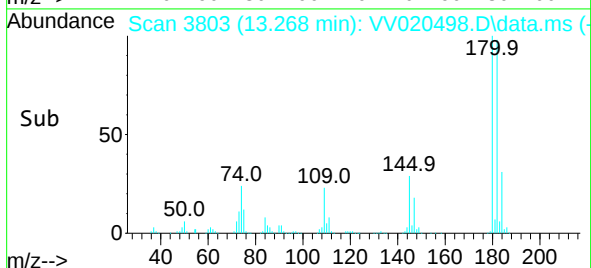
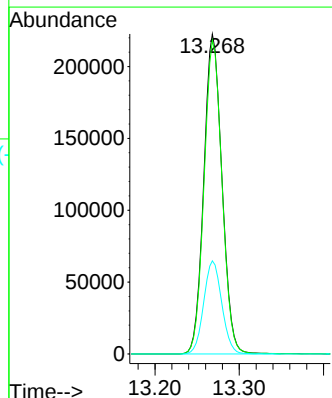
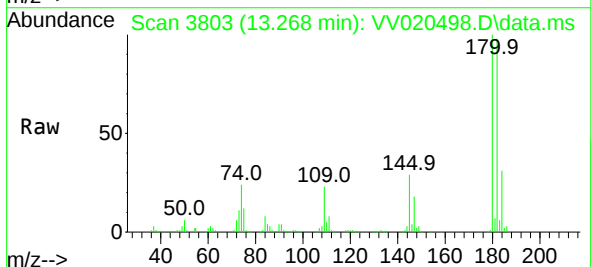
Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

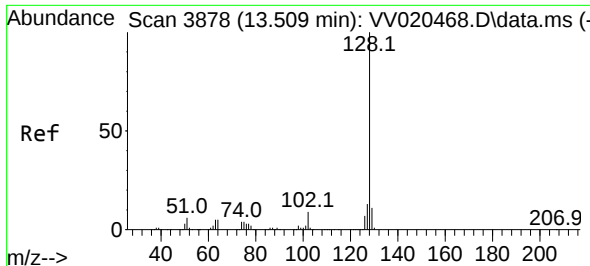
Tgt Ion:180 Resp: 387943
Ion Ratio Lower Upper
180 100
182 96.7 75.0 112.6
184 30.2 24.0 36.0
145 27.6 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 49.05 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:180 Resp: 334068
Ion Ratio Lower Upper
180 100
182 96.8 75.1 112.7
145 28.9 26.8 40.2

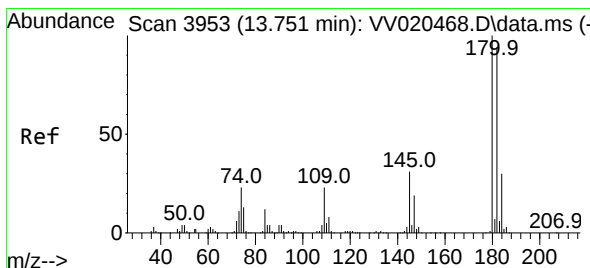
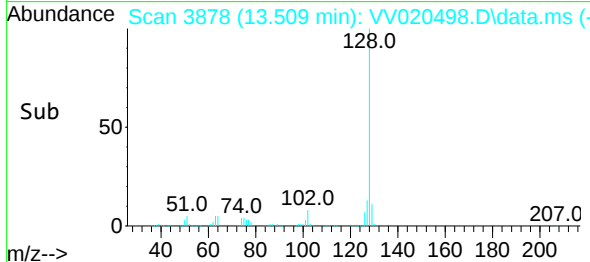
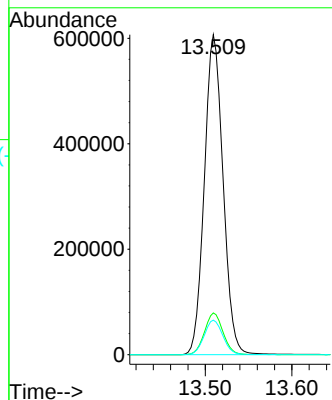
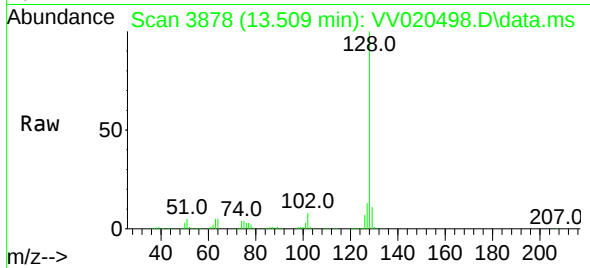




#69
Naphthalene
Concen: 50.01 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD05068

Tgt Ion:128 Resp: 911435
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.08 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020498.D
Acq: 10 Mar 2021 15:42

Tgt Ion:180 Resp: 346090
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 30.1 27.9 41.9

