

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020457.D
 Acq On : 03 Mar 2021 19:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Mar 04 00:40:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	523289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	524346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	308629	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	160678	42.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.22%		
7) Chloroethane-d5	1.571	69	141909	45.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.68%		
11) 1,1-Dichloroethene-d2	2.111	63	303106	42.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.06%		
21) 2-Butanone-d5	3.892	46	220947	103.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.66%		
24) Chloroform-d	4.352	84	348573	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.68%		
26) 1,2-Dichloroethane-d4	5.037	65	217663	50.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.14%		
32) Benzene-d6	5.053	84	678096	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.82%		
36) 1,2-Dichloropropane-d6	6.072	67	207045	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.10%		
41) Toluene-d8	7.320	98	658618	51.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.18%		
43) trans-1,3-Dichloroprop...	7.625	79	100562	48.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.28%		
47) 2-Hexanone-d5	8.092	63	173448	102.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.80%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	302749	51.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.98%		
64) 1,2-Dichlorobenzene-d4	11.632	152	306373	52.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	217941	46.84	ug/L	100
3) Chloromethane	1.243	50	199495	48.23	ug/L	100
5) Vinyl chloride	1.314	62	210257	47.21	ug/L	99
6) Bromomethane	1.526	94	139147	49.99	ug/L	96
8) Chloroethane	1.587	64	126886	45.55	ug/L	100
9) Trichlorofluoromethane	1.754	101	321828	50.85	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	166536	49.44	ug/L #	84
12) 1,1-Dichloroethene	2.121	96	165801	51.08	ug/L #	65
13) Acetone	2.188	43	140875	93.63	ug/L	90
14) Carbon disulfide	2.298	76	405658	42.40	ug/L	98
15) Methyl Acetate	2.436	43	160032	49.99	ug/L #	89
16) Methylene chloride	2.510	84	185280	52.11	ug/L	82
17) trans-1,2-Dichloroethene	2.764	96	170456	50.65	ug/L	88
18) Methyl tert-butyl Ether	2.770	73	516143	50.50	ug/L #	93
19) 1,1-Dichloroethane	3.192	63	308585	50.48	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	192906	53.29	ug/L	82
22) 2-Butanone	3.976	43	216400	101.13	ug/L	89
23) Bromochloromethane	4.253	128	108678	55.52	ug/L #	74
25) Chloroform	4.378	83	348941	54.51	ug/L	98
27) 1,2-Dichloroethane	5.050	62	3370	0.66	ug/L	95

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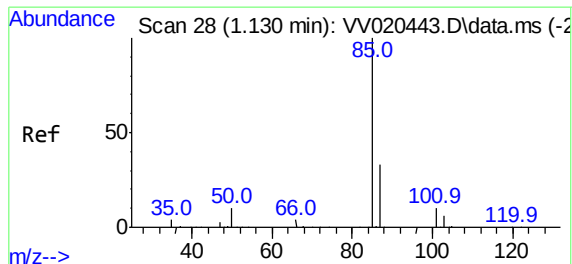
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	232895	43.81	ug/L	88
30) 1,1,1-Trichloroethane	4.613	97	293783	50.46	ug/L	95
31) Carbon tetrachloride	4.831	117	258293	51.01	ug/L	99
33) Benzene	5.101	78	712652	50.83	ug/L	100
34) Trichloroethene	5.918	95	205071	53.23	ug/L	88
35) Methylcyclohexane	6.137	83	253365	43.44	ug/L	91
37) 1,2-Dichloropropane	6.179	63	179808	50.63	ug/L #	96
38) Bromodichloromethane	6.513	83	246418	50.48	ug/L #	99
39) cis-1,3-Dichloropropene	7.031	75	280317	49.85	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	445055	99.39	ug/L #	88
42) Toluene	7.391	91	798443	51.77	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	270888	49.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	194043	53.09	ug/L	97
46) Tetrachloroethene	7.979	164	170360	54.11	ug/L	92
48) 2-Hexanone	8.143	43	353160	103.09	ug/L #	90
49) Dibromochloromethane	8.249	129	217219	53.86	ug/L	97
50) 1,2-Dibromoethane	8.355	107	208945	53.37	ug/L #	98
51) Chlorobenzene	8.886	112	542905	52.48	ug/L	94
52) Ethylbenzene	9.018	91	874507	51.34	ug/L	97
53) m,p-Xylene	9.143	106	342170	52.76	ug/L	93
54) o-xylene	9.548	106	332631	52.68	ug/L	94
55) Styrene	9.564	104	597206	54.96	ug/L	93
56) Isopropylbenzene	9.937	105	891387	52.61	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	284891	49.47	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	247467	51.97	ug/L	99
61) Bromoform	9.738	173	159500	50.79	ug/L #	98
62) 1,3-Dichlorobenzene	11.185	146	470259	51.51	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	482780	51.57	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	477861	52.43	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.436	75	58283	41.68	ug/L #	69
67) 1,3,5-Trichlorobenzene	12.654	180	361362	50.69	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	320601	50.68	ug/L	96
69) Naphthalene	13.509	128	939694	51.87	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	332059	52.73	ug/L	97

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

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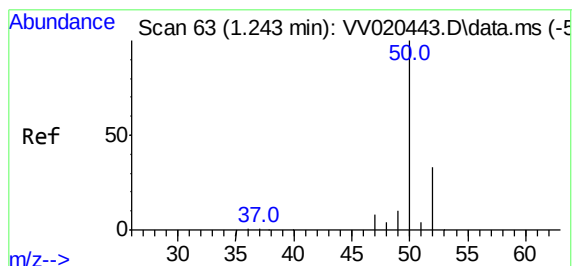
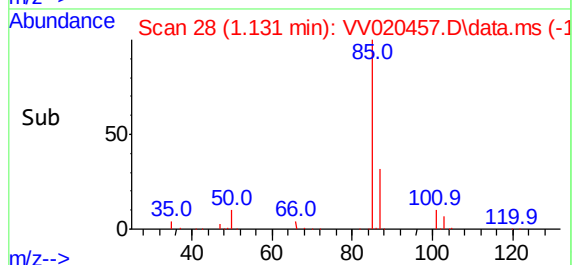
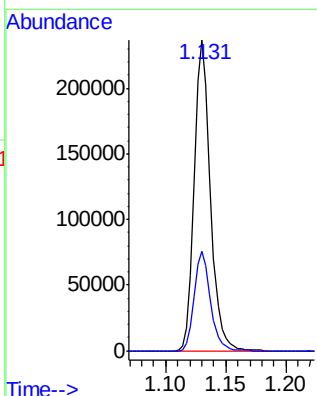
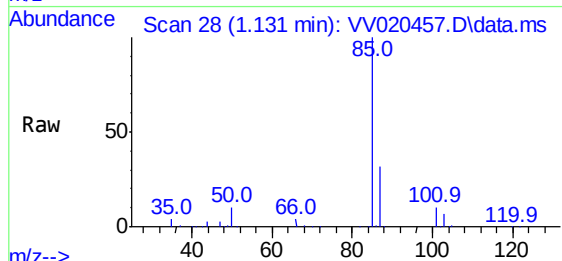




#2
Dichlorodifluoromethane
Concen: 46.84 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

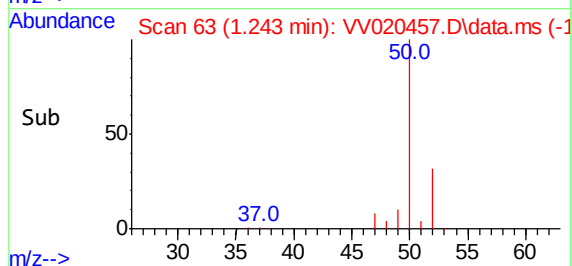
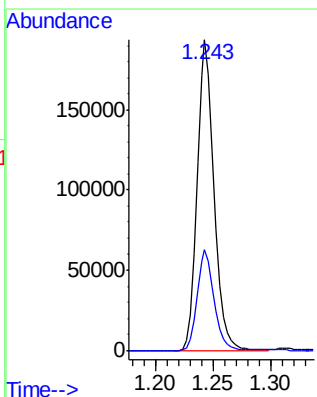
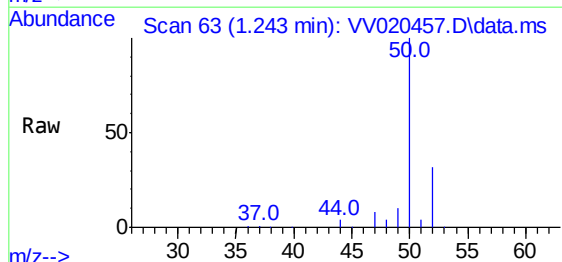
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ClientSampleId :
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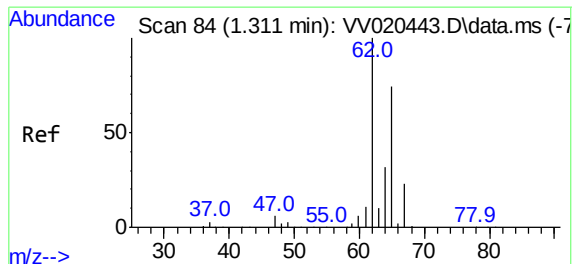
Tgt Ion: 85 Resp: 217941
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 48.23 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 50 Resp: 199495
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.1



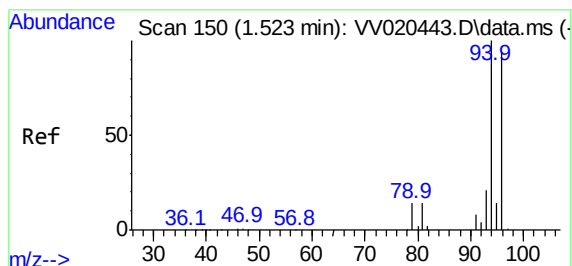
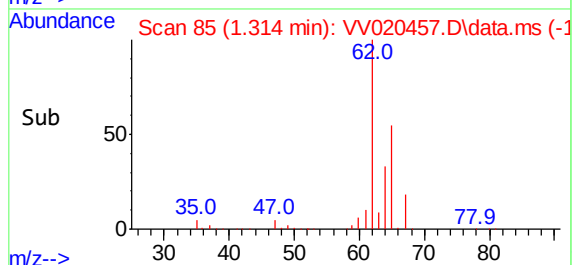
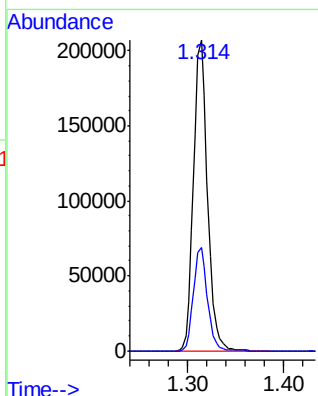
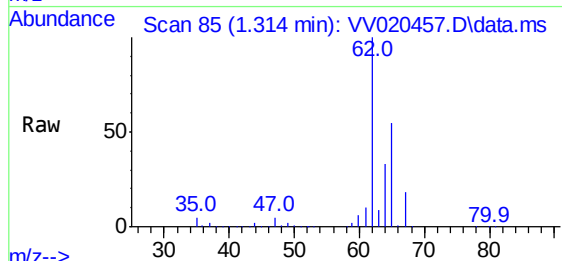


#5
 Vinyl chloride
 Concen: 47.21 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020457.D
 Acq: 03 Mar 2021 19:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Tgt Ion: 62 Resp: 210257

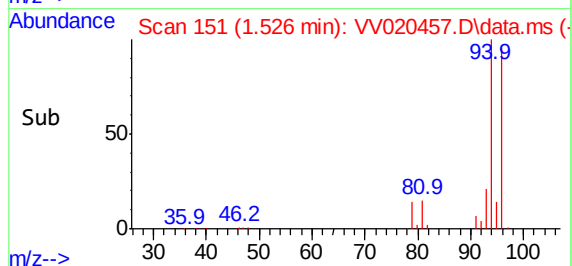
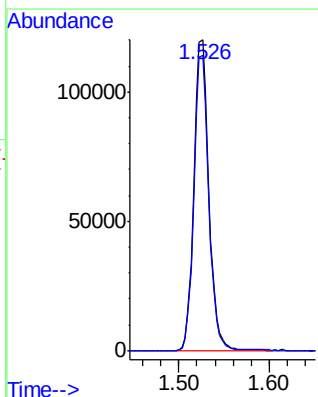
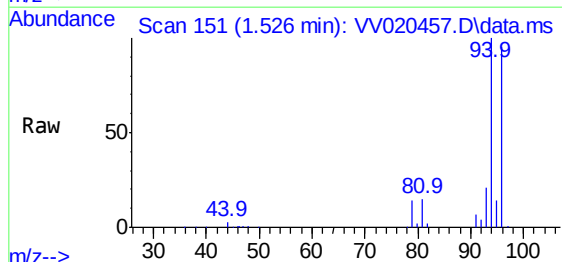
Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.0	42.6

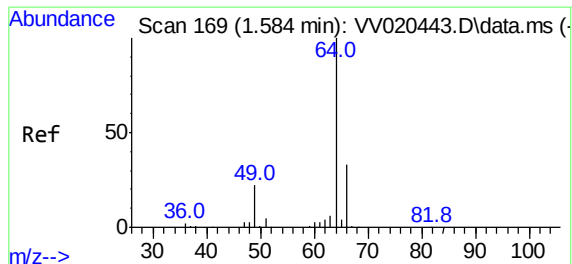


#6
 Bromomethane
 Concen: 49.99 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020457.D
 Acq: 03 Mar 2021 19:10

Tgt Ion: 94 Resp: 139147

Ion	Ratio	Lower	Upper
94	100		
96	94.9	63.6	118.2

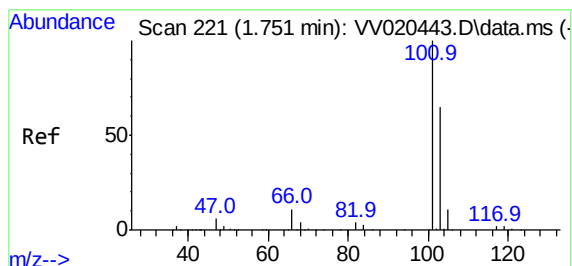
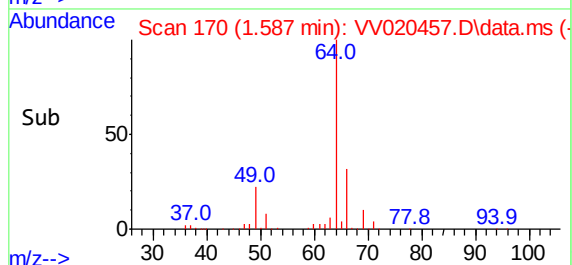
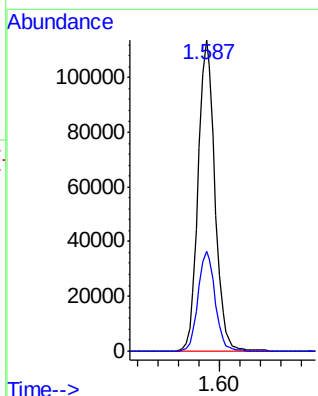
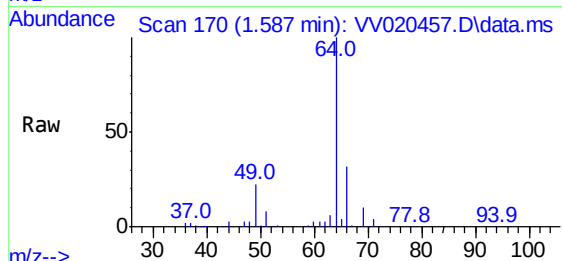




#8
Chloroethane
Concen: 45.55 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

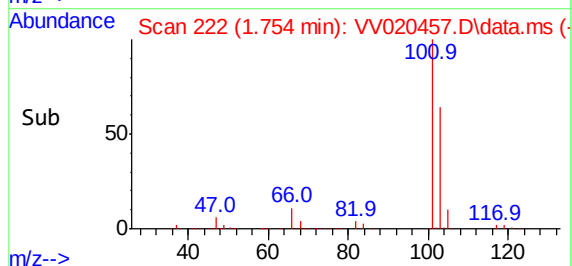
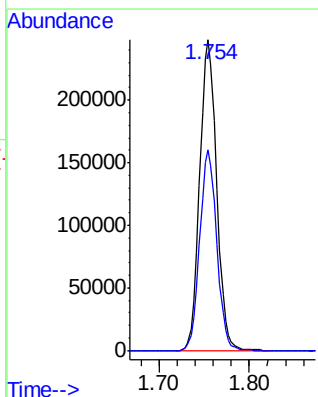
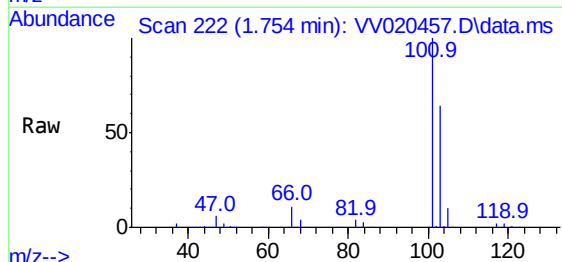
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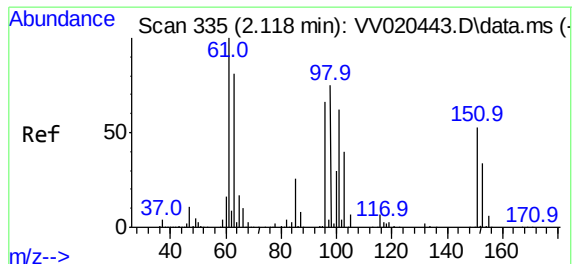
Tgt Ion: 64 Resp: 126886
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.85 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:101 Resp: 321828
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

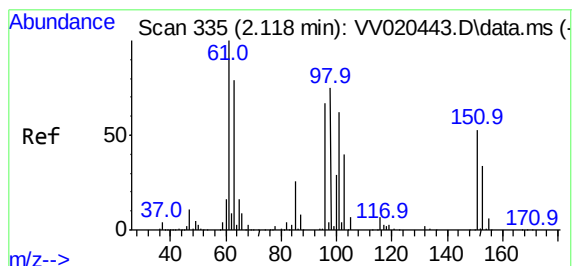
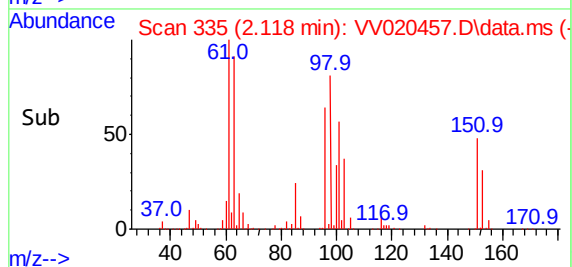
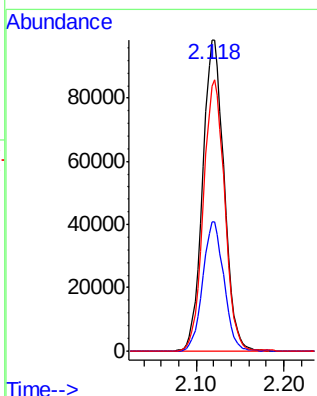
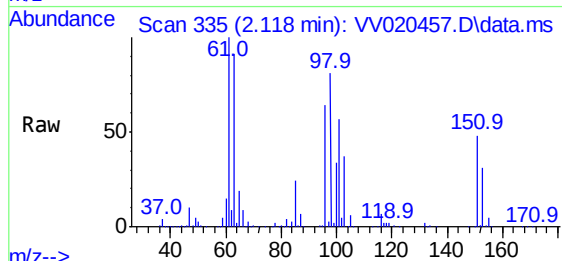




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.44 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020457.D
 Acq: 03 Mar 2021 19:10

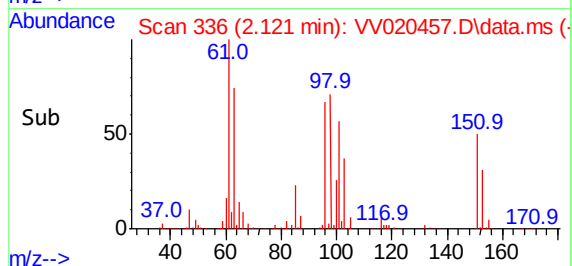
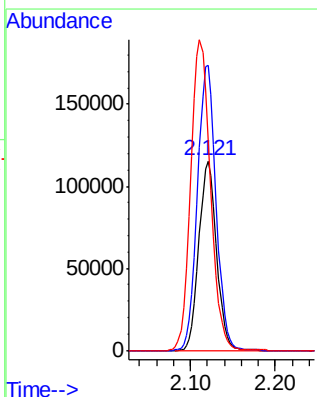
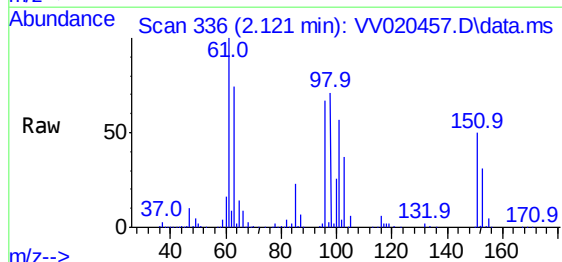
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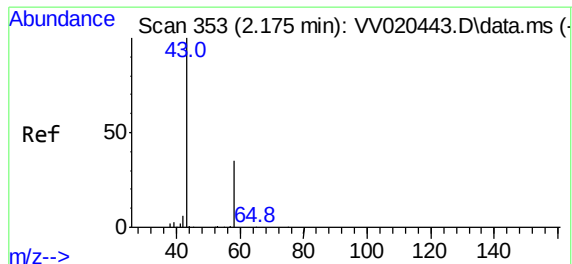
Tgt Ion:101 Resp: 166536
 Ion Ratio Lower Upper
 101 100
 85 41.0 35.3 52.9
 151 86.3 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 51.08 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020457.D
 Acq: 03 Mar 2021 19:10

Tgt Ion: 96 Resp: 165801
 Ion Ratio Lower Upper
 96 100
 61 150.3 134.9 250.5
 63 111.0 117.6 218.4#

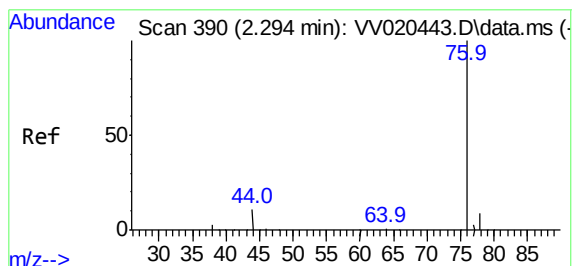
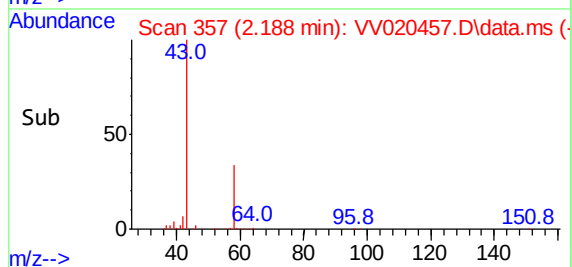
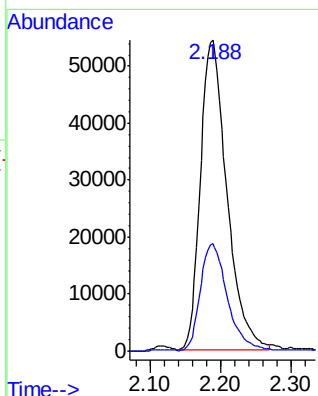
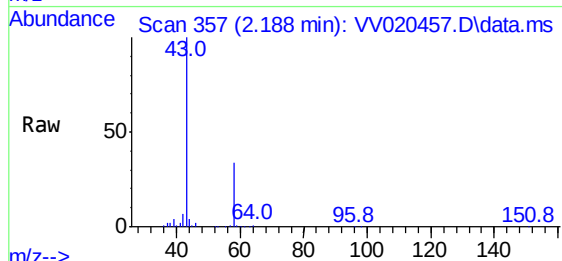




#13
Acetone
Concen: 93.63 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.013 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

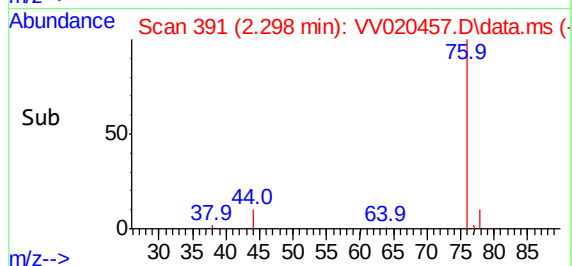
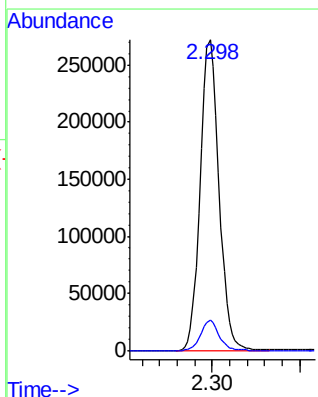
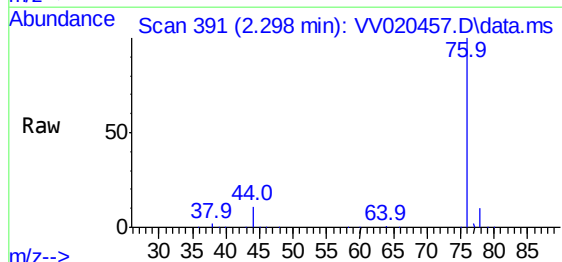
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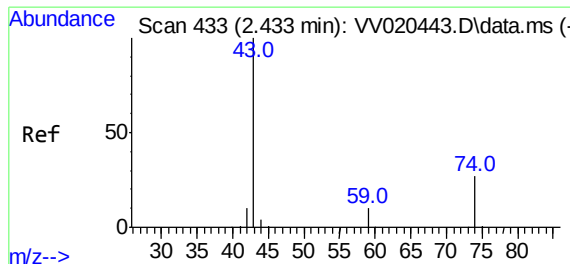
Tgt Ion: 43 Resp: 140875
Ion Ratio Lower Upper
43 100
58 35.5 0.0 60.2



#14
Carbon disulfide
Concen: 42.40 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 76 Resp: 405658
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

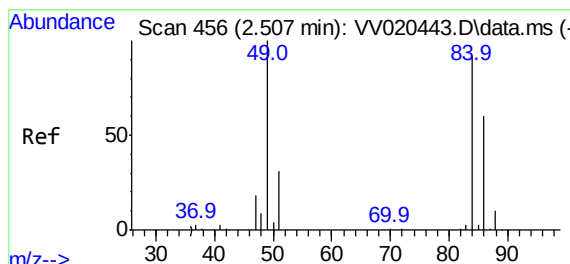
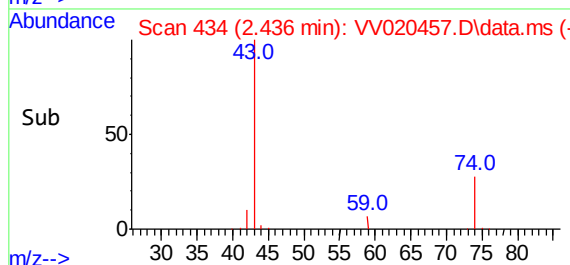
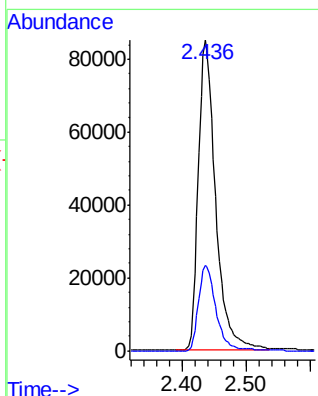
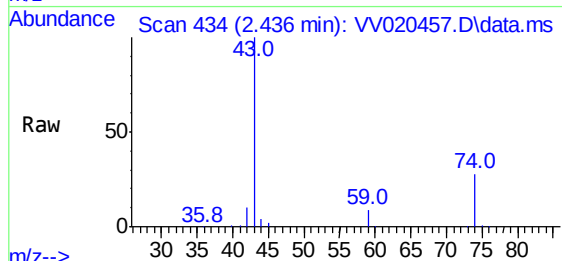




#15
Methyl Acetate
Concen: 49.99 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

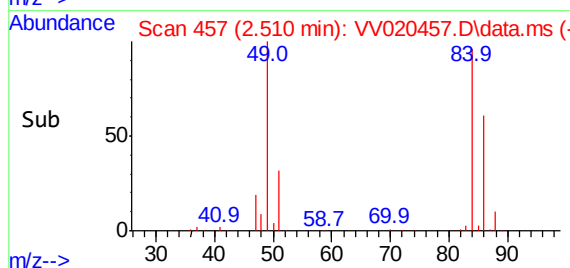
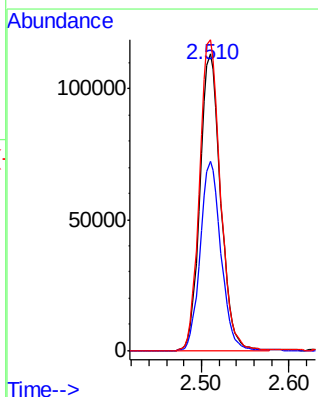
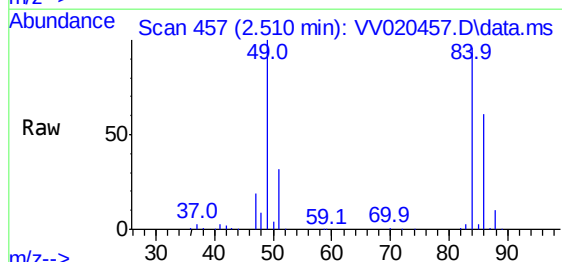
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

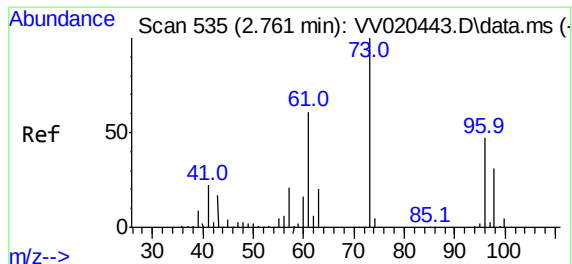
Tgt Ion: 43 Resp: 160032
Ion Ratio Lower Upper
43 100
74 27.2 17.6 26.4#



#16
Methylene chloride
Concen: 52.11 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 84 Resp: 185280
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 104.6 94.6 175.8

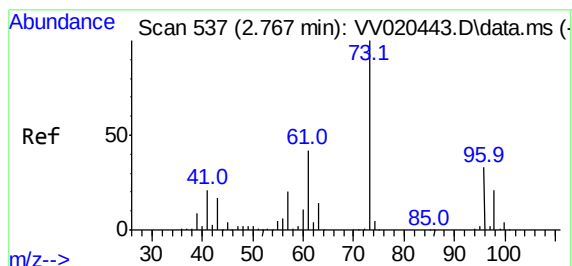
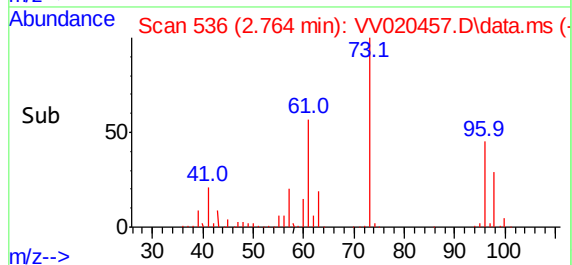
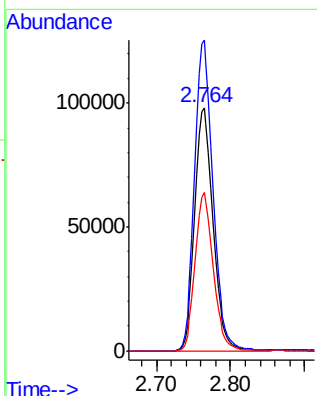
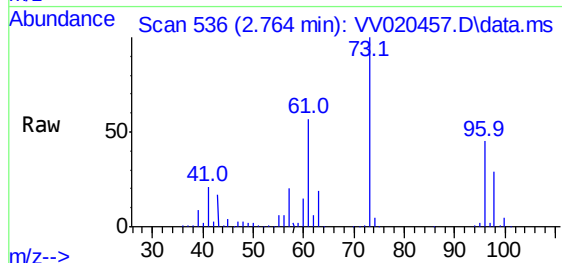




#17
trans-1,2-Dichloroethene
Concen: 50.65 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

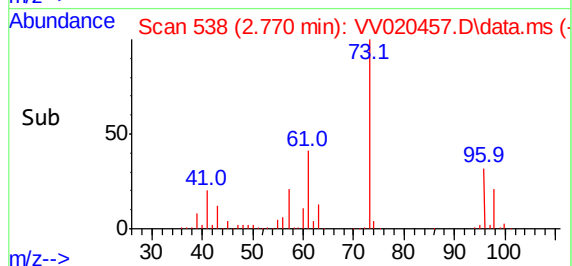
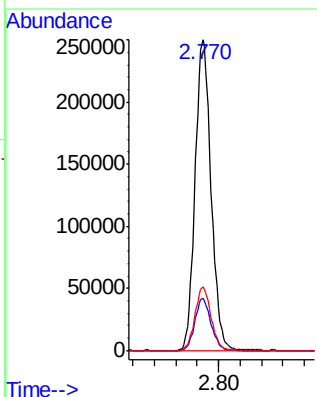
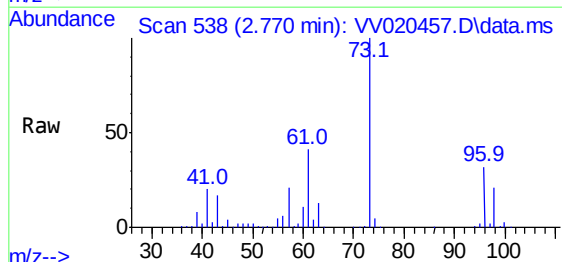
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

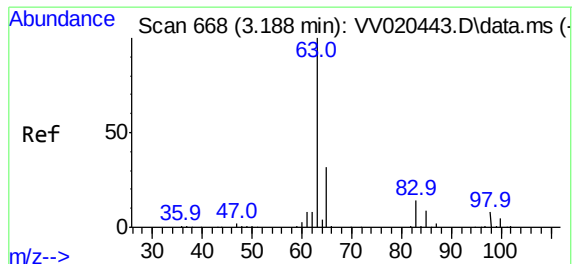
Tgt Ion: 96 Resp: 170456
Ion Ratio Lower Upper
96 100
61 127.8 103.1 191.5
98 65.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.50 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 73 Resp: 516143
Ion Ratio Lower Upper
73 100
43 16.7 17.3 25.9#
57 20.5 17.9 26.9

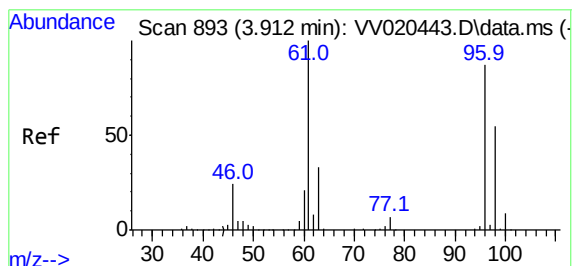
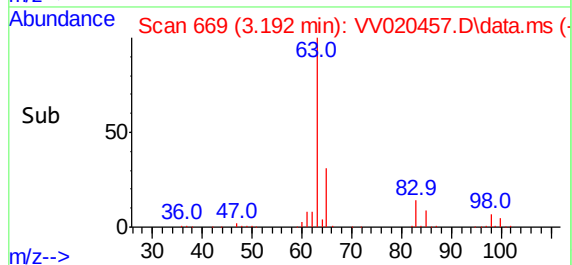
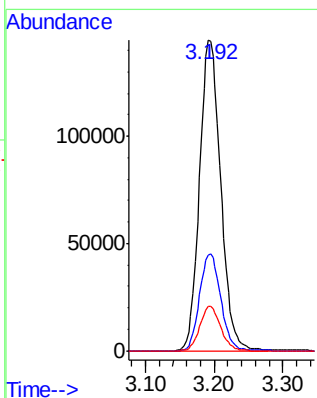
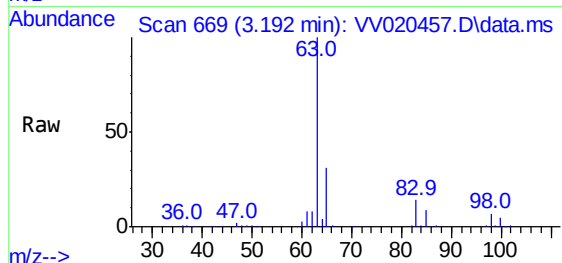




#19
1,1-Dichloroethane
Concen: 50.48 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

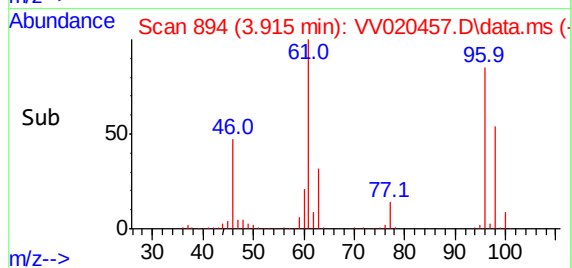
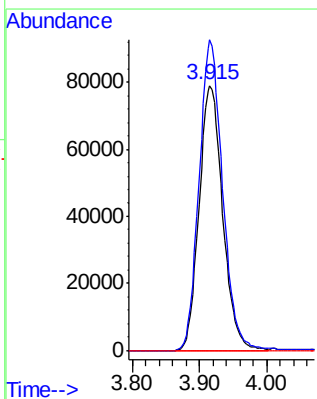
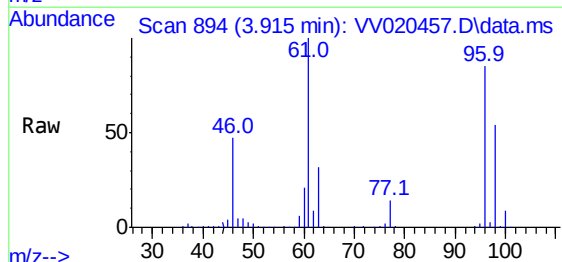
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

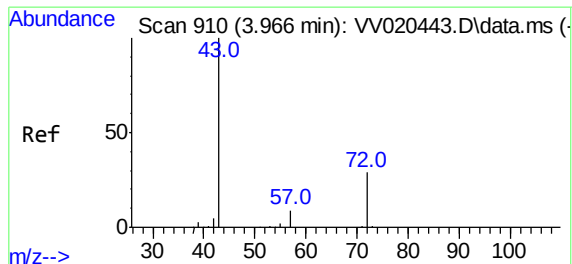
Tgt Ion: 63 Resp: 308585
Ion Ratio Lower Upper
63 100
65 31.0 21.9 40.7
83 14.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 53.29 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 96 Resp: 192906
Ion Ratio Lower Upper
96 100
61 117.1 96.9 179.9
68 0.0 0.0 0.0

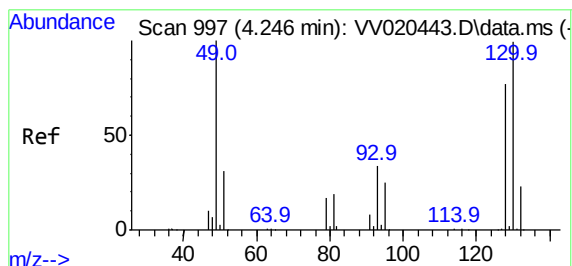
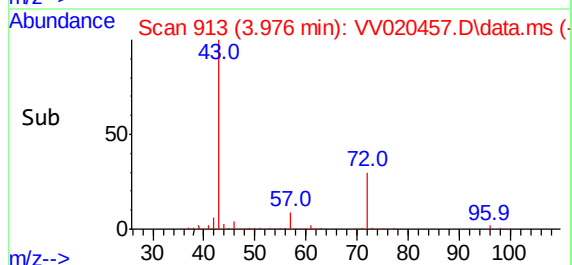
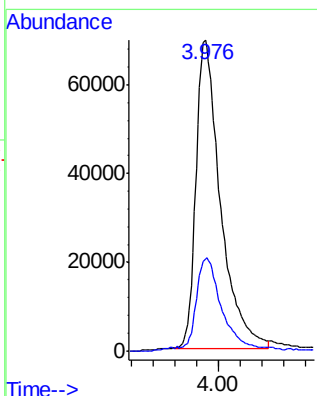
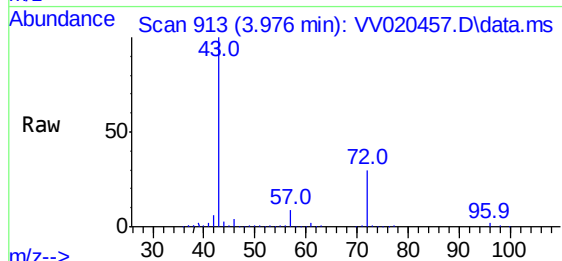




#22
2-Butanone
Concen: 101.13 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.010 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

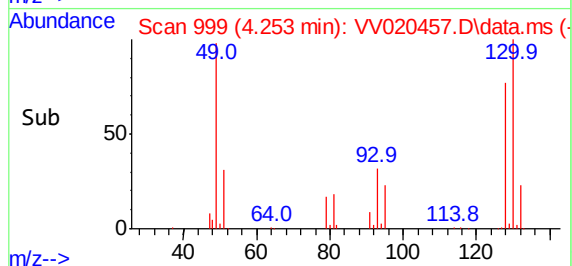
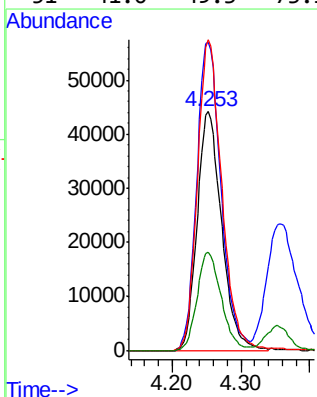
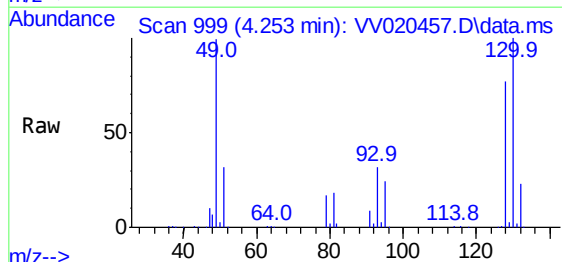
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

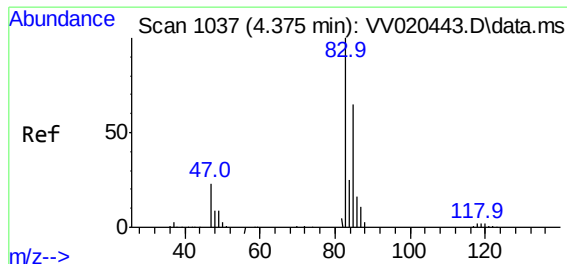
Tgt Ion: 43 Resp: 216400
Ion Ratio Lower Upper
43 100
72 29.8 12.2 36.6



#23
Bromochloromethane
Concen: 55.52 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:128 Resp: 108678
Ion Ratio Lower Upper
128 100
49 128.9 133.1 247.1#
130 130.1 89.0 165.4
51 41.0 49.3 73.9#

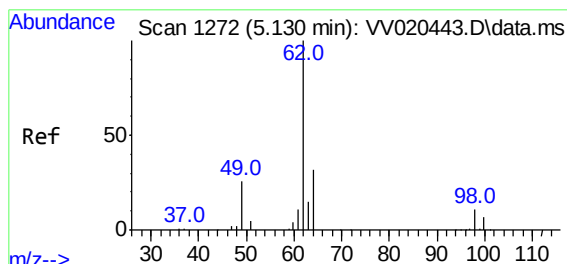
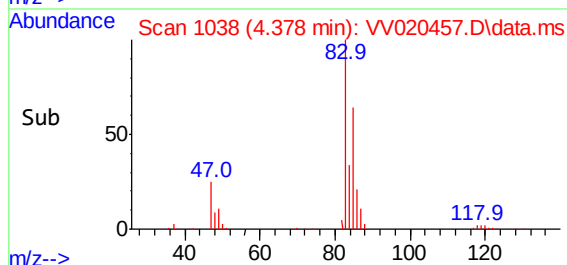
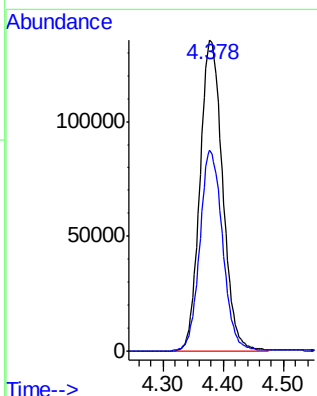
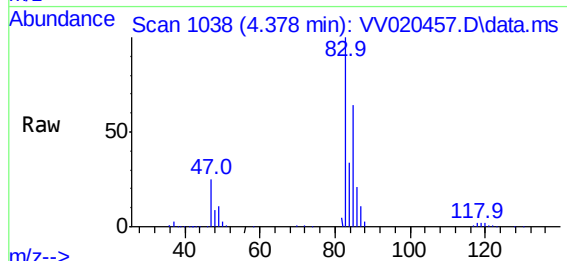




#25
Chloroform
Concen: 54.51 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

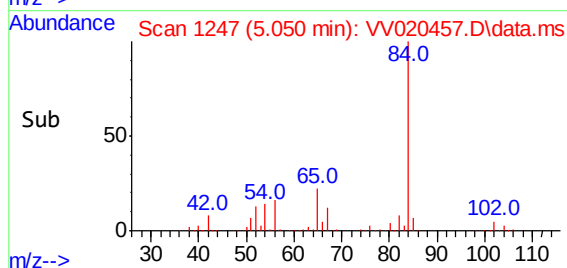
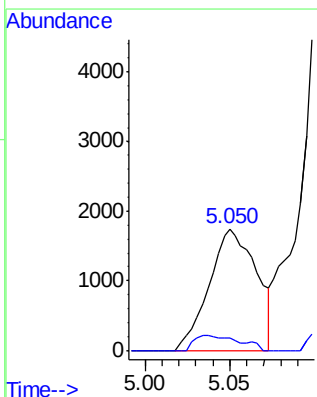
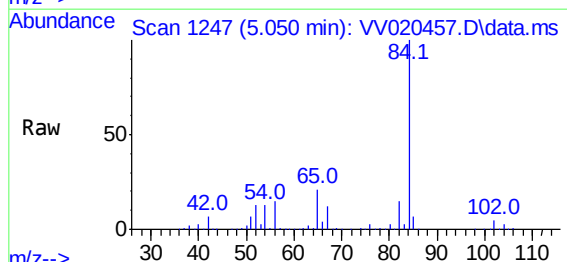
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

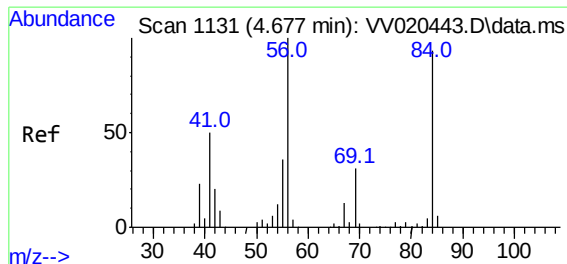
Tgt Ion: 83 Resp: 348941
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2



#27
1,2-Dichloroethane
Concen: 0.66 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 62 Resp: 3370
Ion Ratio Lower Upper
62 100
98 10.2 6.9 10.3



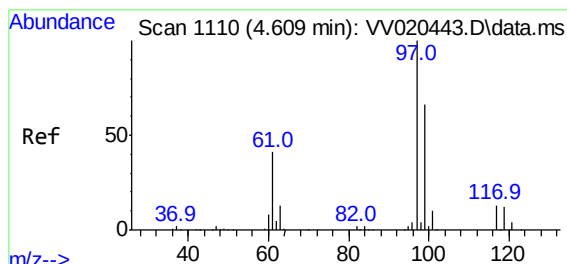
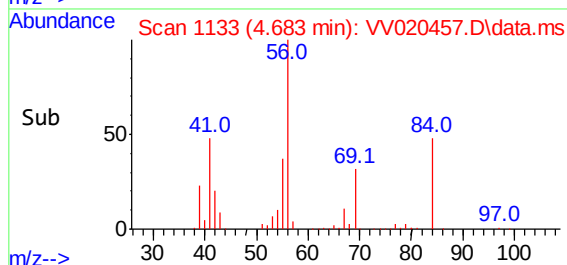
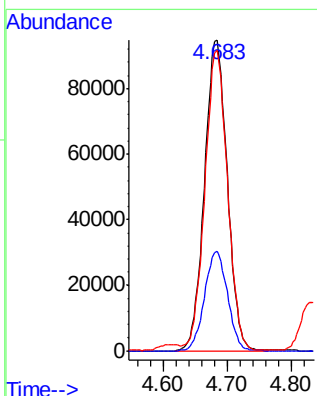
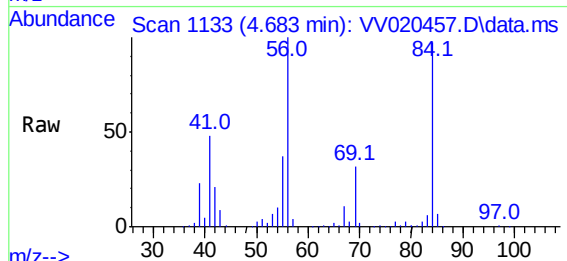


#29
Cyclohexane
Concen: 43.81 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampled :
VSTD05070

Tgt Ion: 56 Resp: 232895

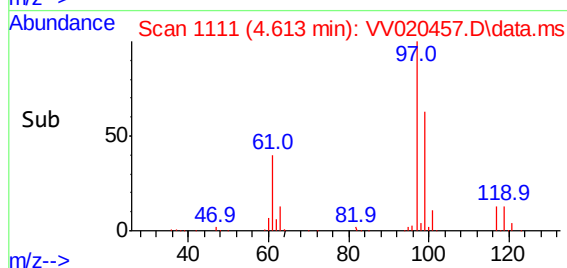
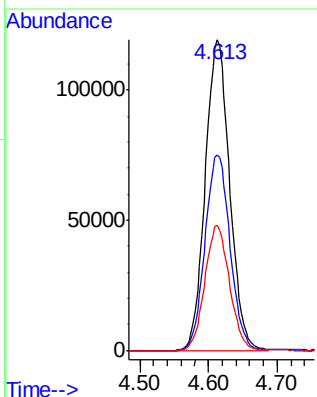
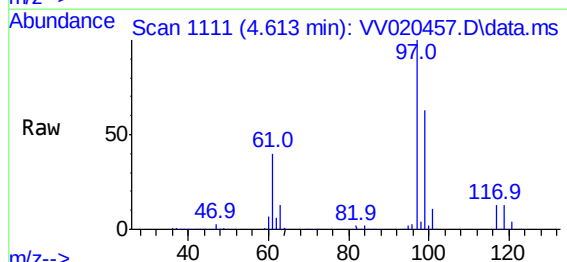
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.2
84	96.0	66.3	99.5

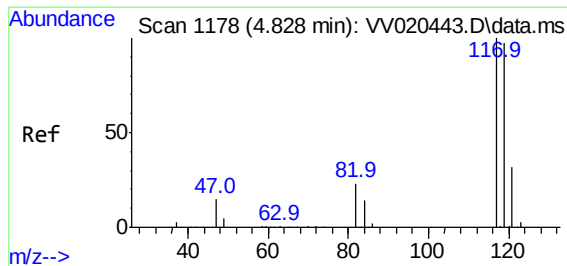


#30
1,1,1-Trichloroethane
Concen: 50.46 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 97 Resp: 293783

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	40.8	38.5	57.7

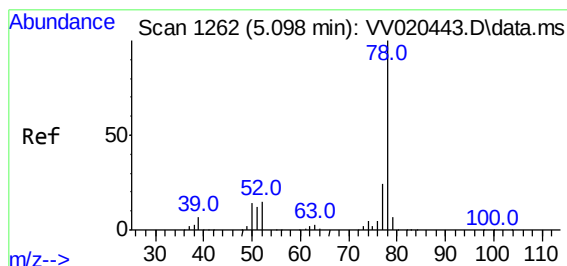
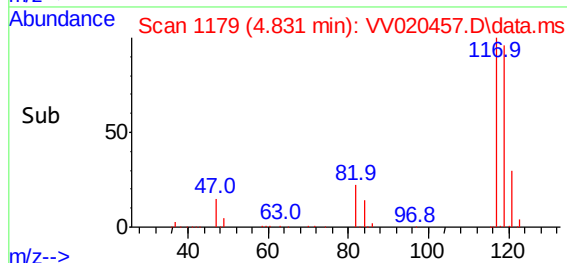
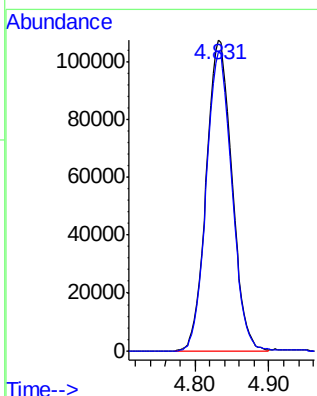
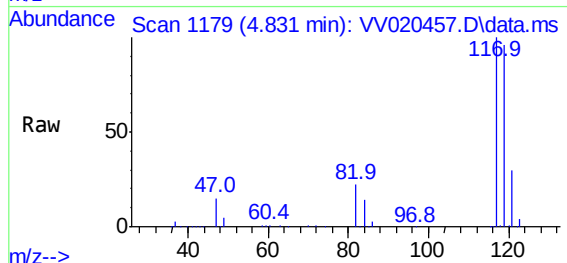




#31
Carbon tetrachloride
Concen: 51.01 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

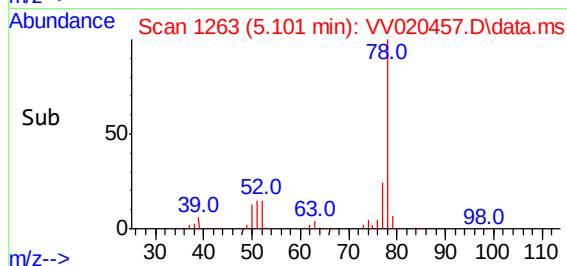
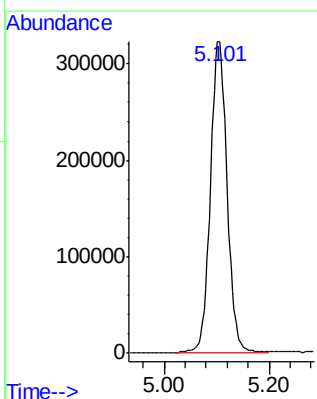
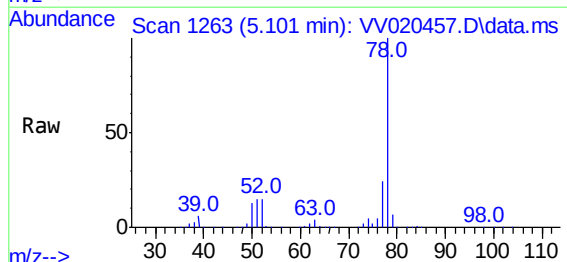
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

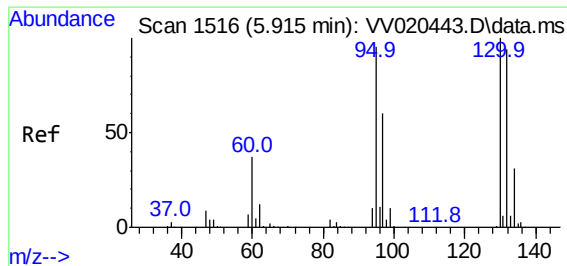
Tgt Ion:117 Resp: 258293
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5



#33
Benzene
Concen: 50.83 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 78 Resp: 712652

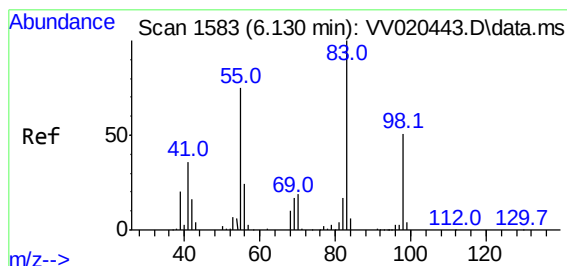
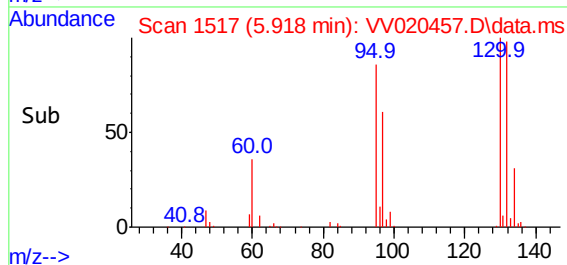
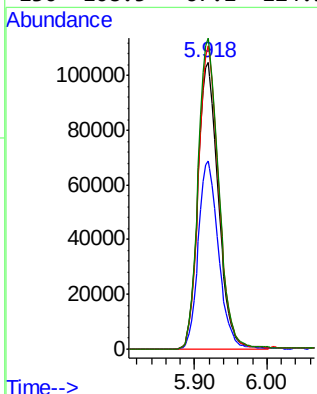
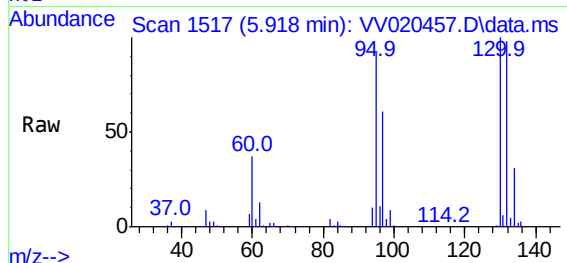




#34
Trichloroethene
Concen: 53.23 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

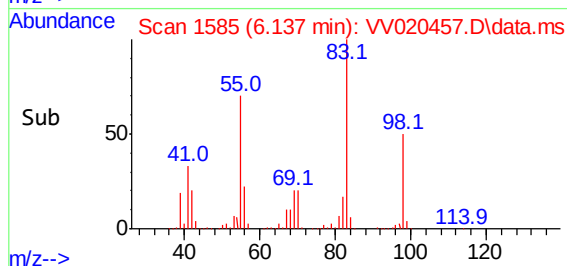
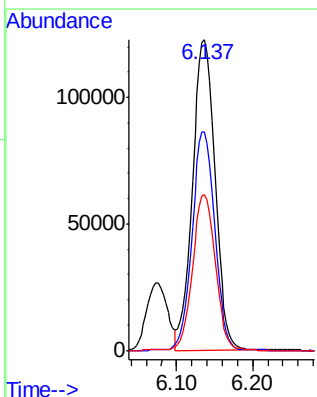
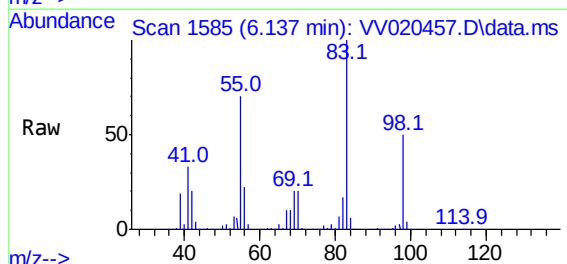
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

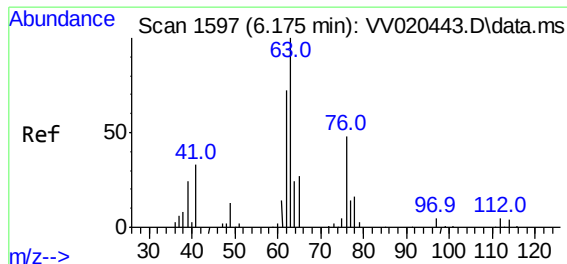
Tgt Ion: 95 Resp: 205071
Ion Ratio Lower Upper
95 100
97 65.7 44.5 82.7
132 105.9 63.4 117.8
130 108.5 67.1 124.5



#35
Methylcyclohexane
Concen: 43.44 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 83 Resp: 253365
Ion Ratio Lower Upper
83 100
55 70.3 65.1 97.7
98 50.7 38.2 57.2

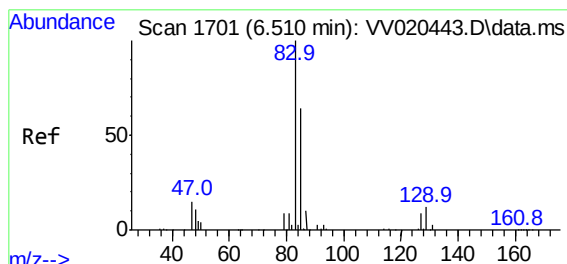
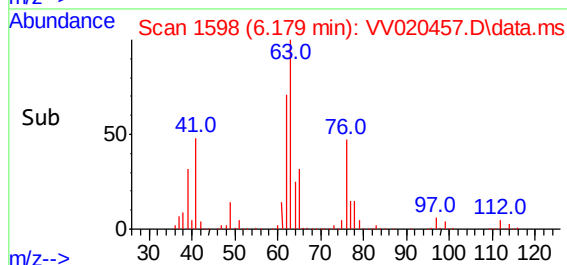
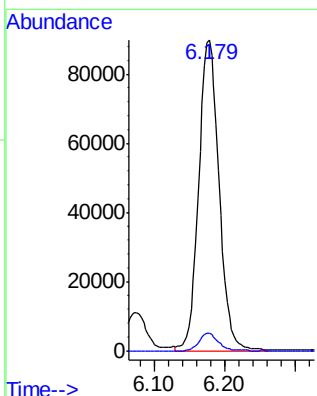
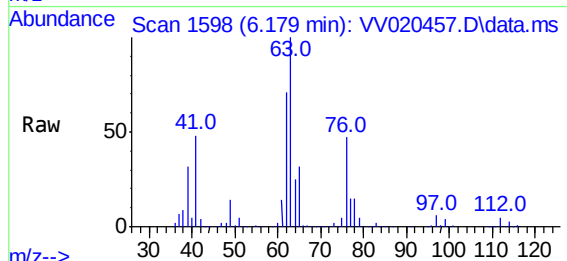




#37
1,2-Dichloropropane
Concen: 50.63 ug/L
RT: 6.179 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

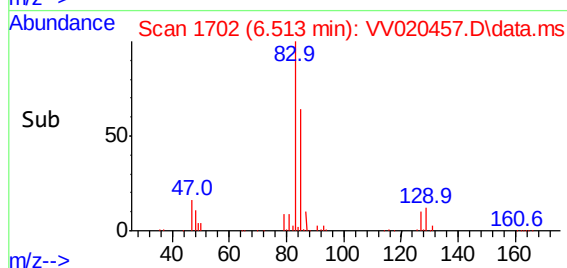
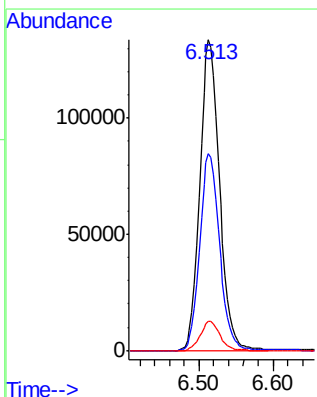
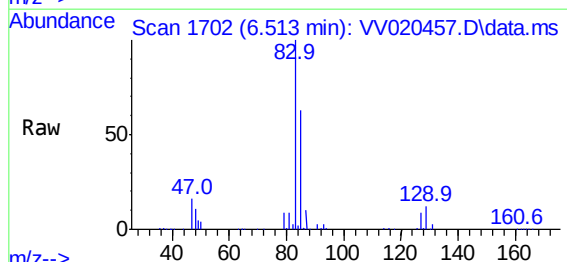
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

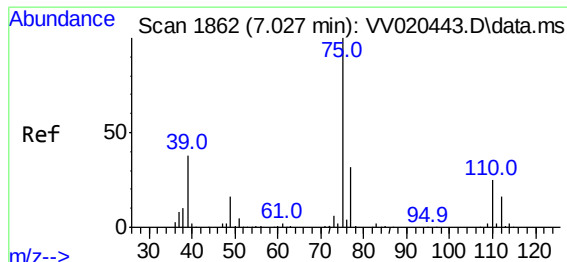
Tgt Ion: 63 Resp: 179808
Ion Ratio Lower Upper
63 100
112 5.3 3.3 4.9#



#38
Bromodichloromethane
Concen: 50.48 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 83 Resp: 246418
Ion Ratio Lower Upper
83 100
85 63.4 44.5 82.7
127 9.5 6.3 9.5#

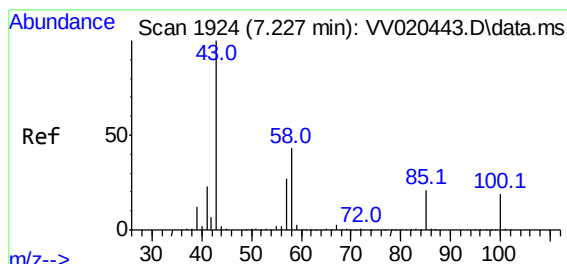
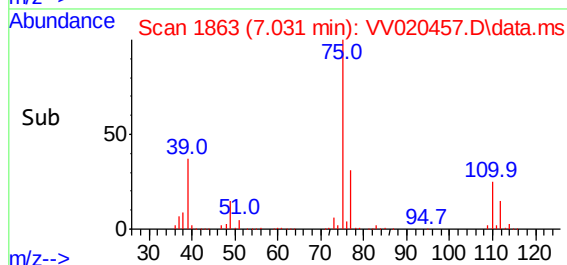
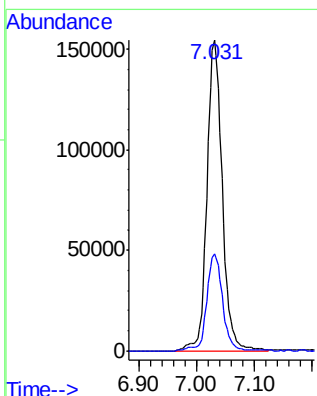
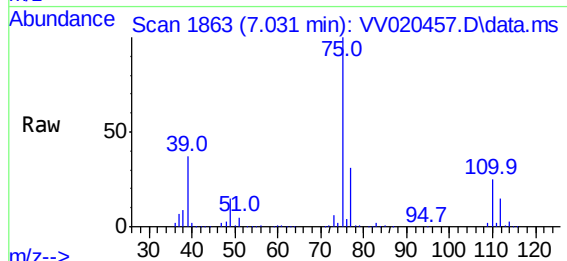




#39
cis-1,3-Dichloropropene
Concen: 49.85 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

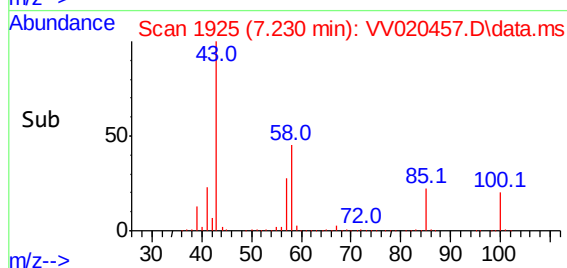
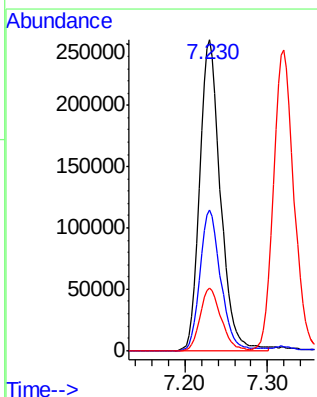
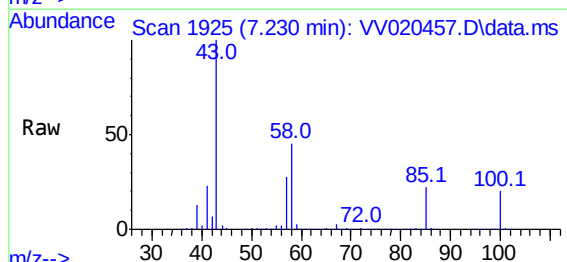
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

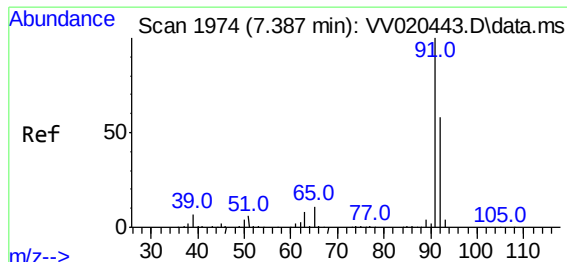
Tgt Ion: 75 Resp: 280317
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 99.39 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 43 Resp: 445055
Ion Ratio Lower Upper
43 100
58 45.2 30.7 46.1
100 20.2 11.6 17.4#





#42

Toluene

Concen: 51.77 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020457.D

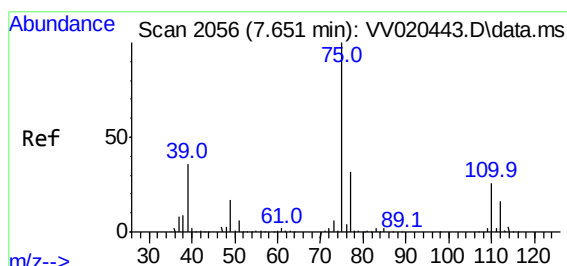
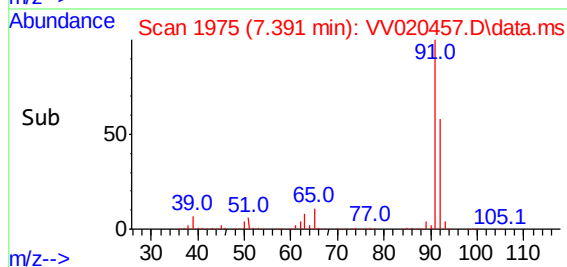
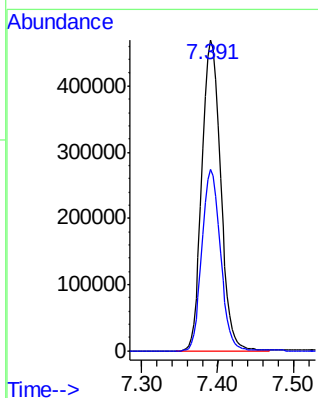
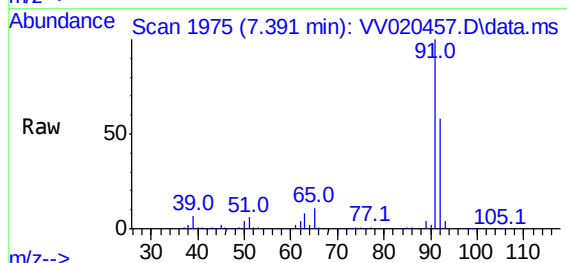
Acq: 03 Mar 2021 19:10

Tgt Ion: 91 Resp: 798443

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 49.53 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020457.D

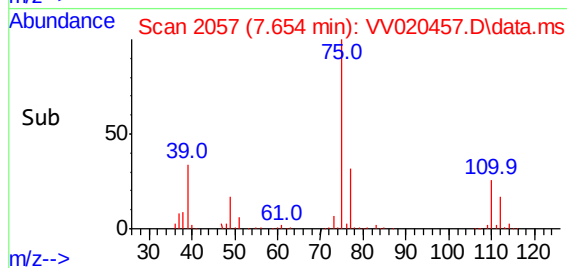
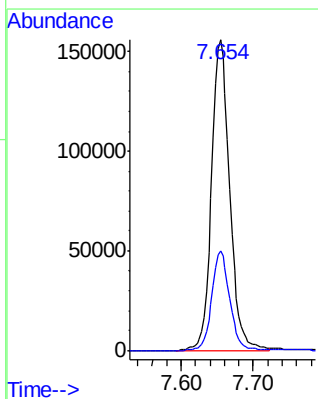
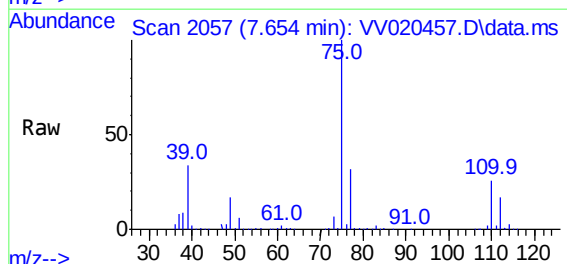
Acq: 03 Mar 2021 19:10

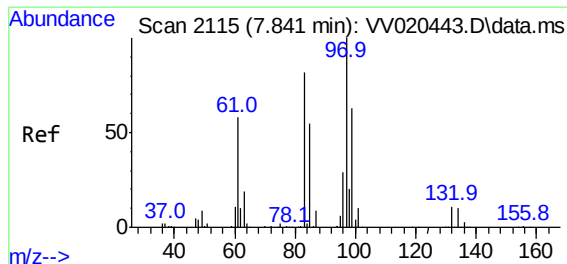
Tgt Ion: 75 Resp: 270888

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



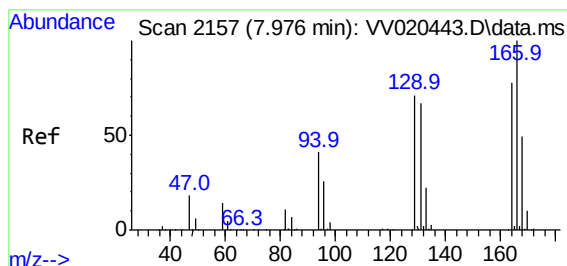
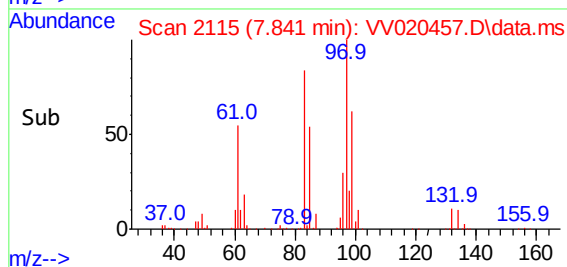
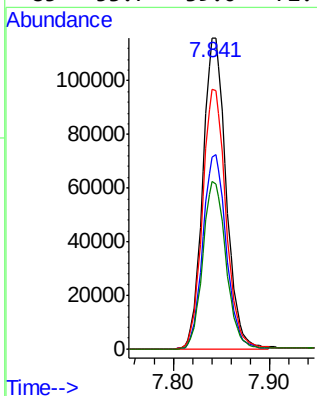
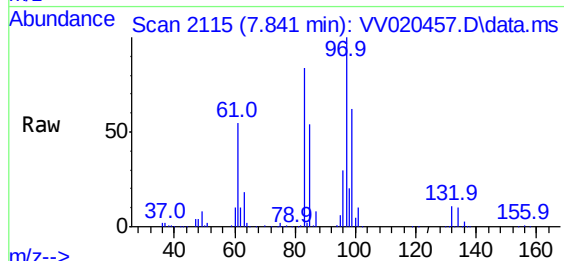


#45
1,1,2-Trichloroethane
Concen: 53.09 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Tgt Ion: 97 Resp: 194043

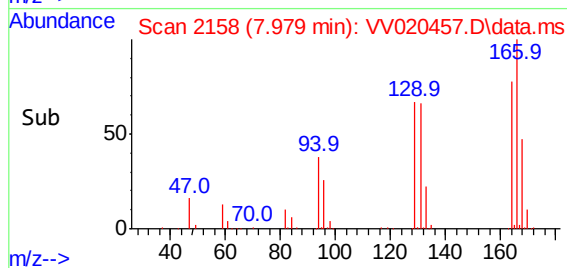
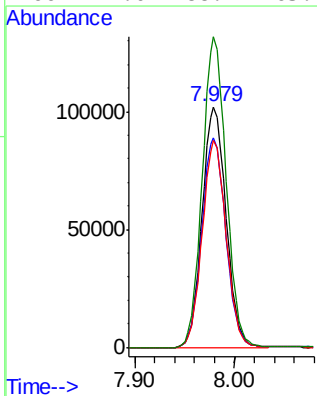
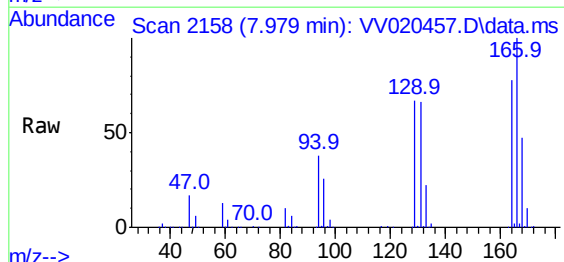
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	83.6	62.2	115.4
85	53.7	39.0	72.4

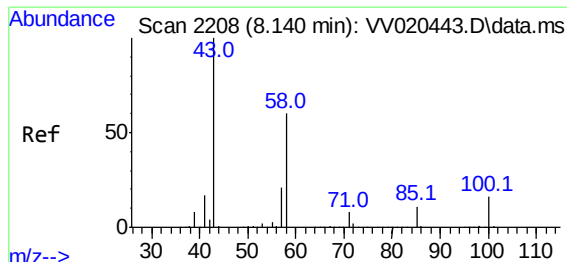


#46
Tetrachloroethene
Concen: 54.11 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 164 Resp: 170360

Ion	Ratio	Lower	Upper
164	100		
129	87.1	70.6	131.0
131	85.7	66.8	124.0
166	129.0	88.2	163.8

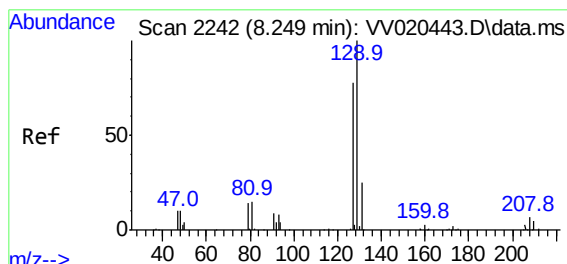
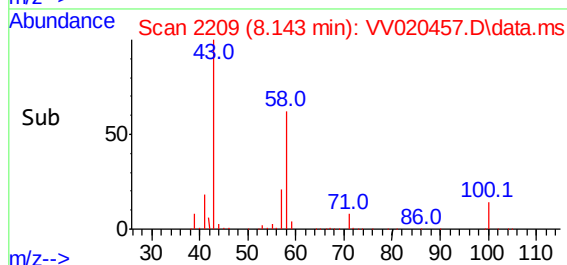
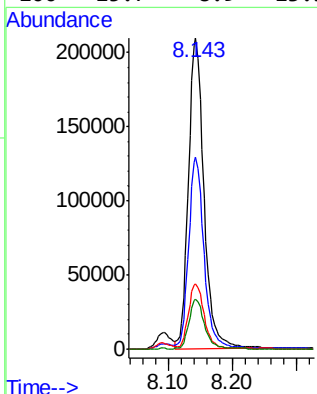
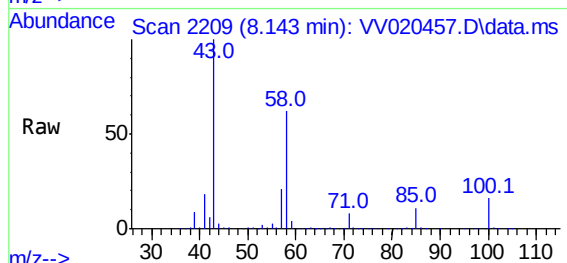




#48
2-Hexanone
Concen: 103.09 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

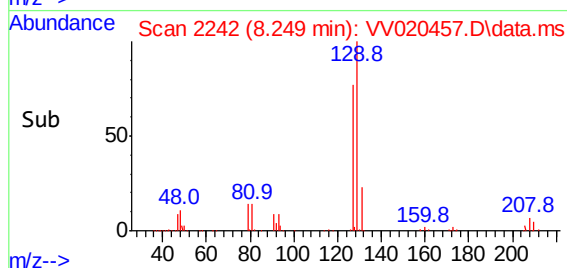
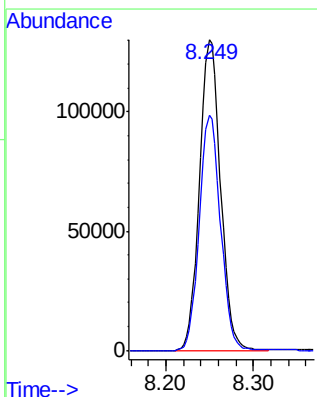
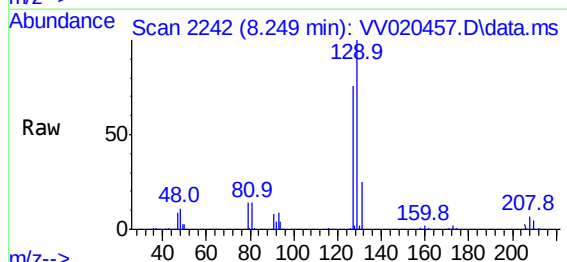
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

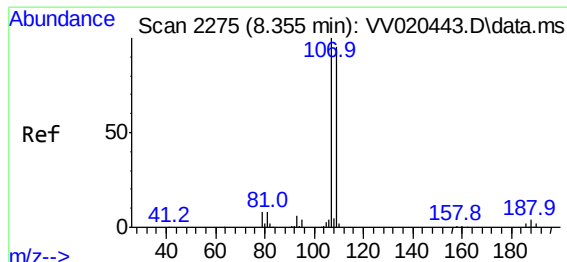
Tgt Ion: 43 Resp: 353160
Ion Ratio Lower Upper
43 100
58 59.6 41.8 62.6
57 21.0 15.0 22.4
100 15.7 8.9 13.3#



#49
Dibromochloromethane
Concen: 53.86 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:129 Resp: 217219
Ion Ratio Lower Upper
129 100
127 75.9 55.2 102.6

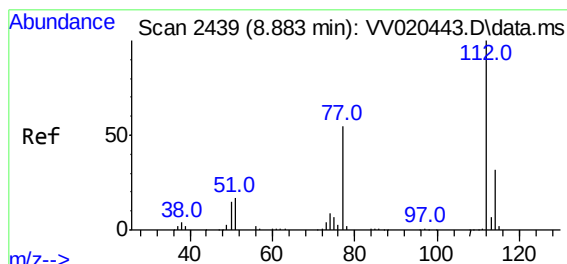
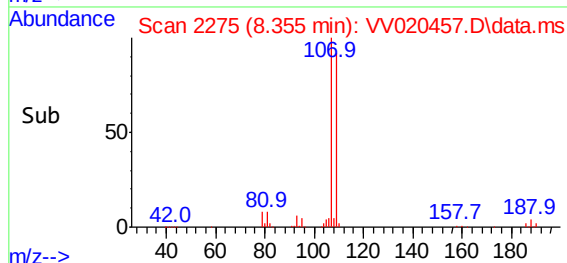
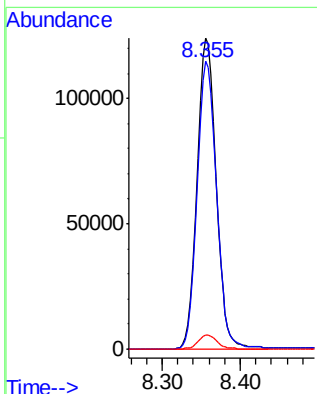
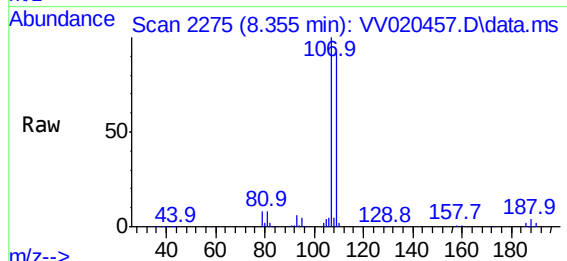




#50
1,2-Dibromoethane
Concen: 53.37 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

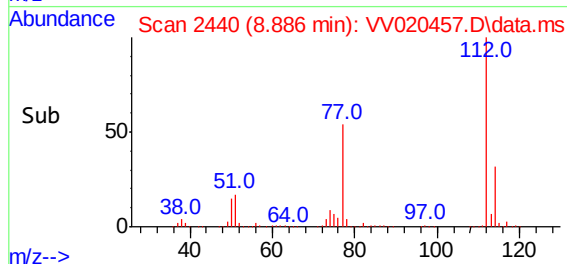
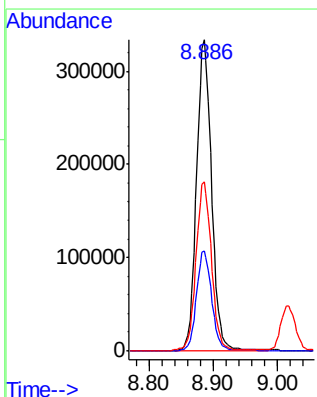
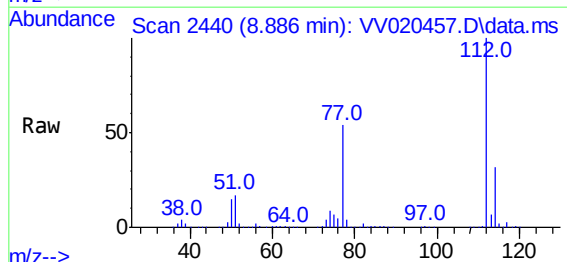
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

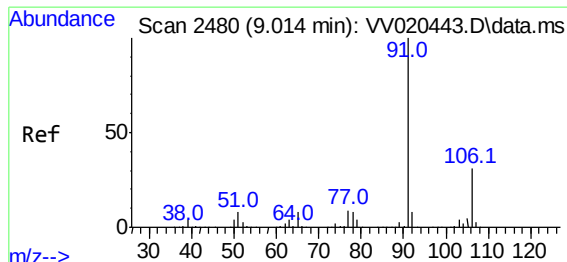
Tgt Ion:107 Resp: 208945
Ion Ratio Lower Upper
107 100
109 92.4 66.2 123.0
188 4.4 2.6 3.8#



#51
Chlorobenzene
Concen: 52.48 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:112 Resp: 542905
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 54.3 49.0 73.6

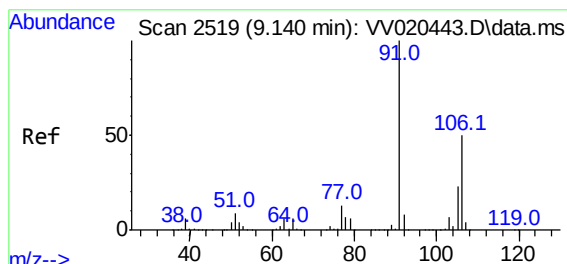
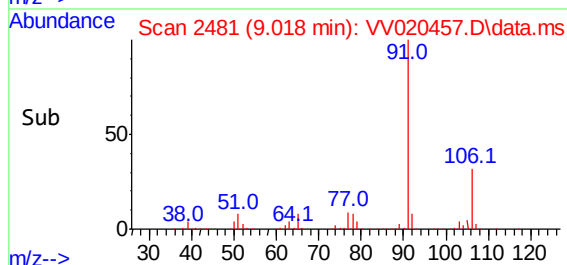
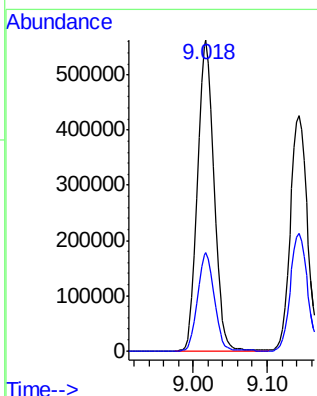
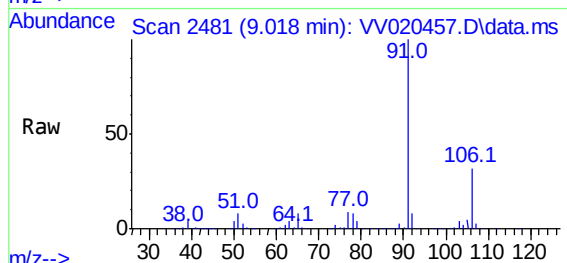




#52
Ethylbenzene
Concen: 51.34 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

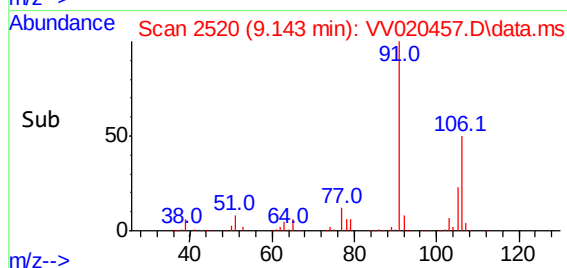
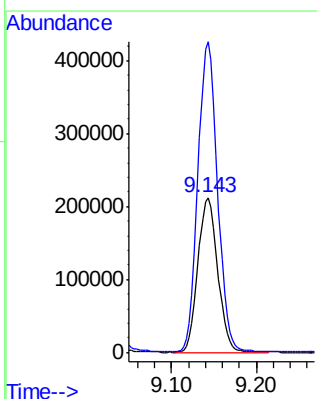
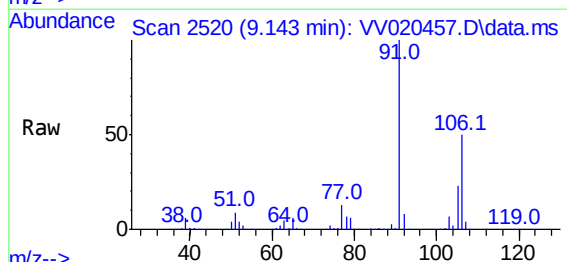
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

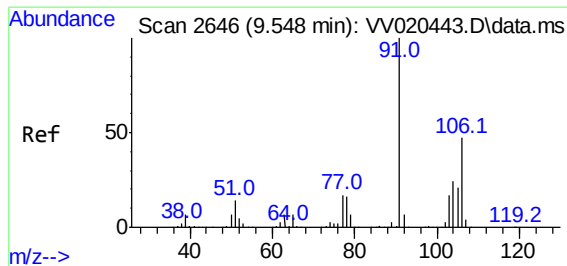
Tgt Ion: 91 Resp: 874507
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 52.76 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 106 Resp: 342170
Ion Ratio Lower Upper
106 100
91 200.4 148.1 275.0

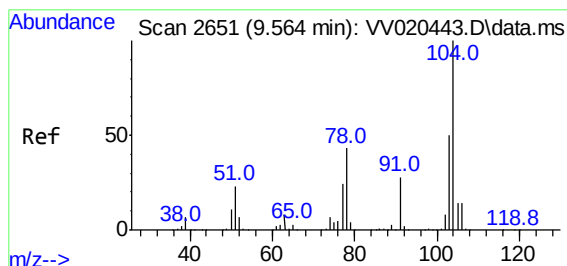
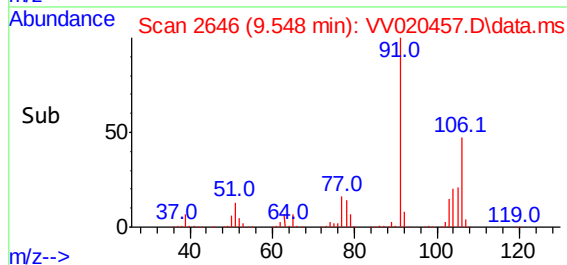
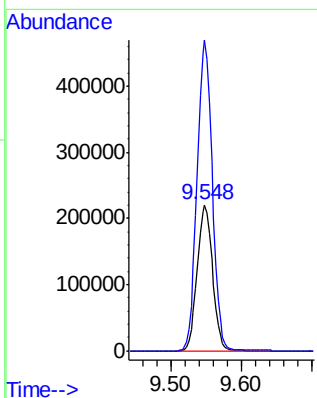
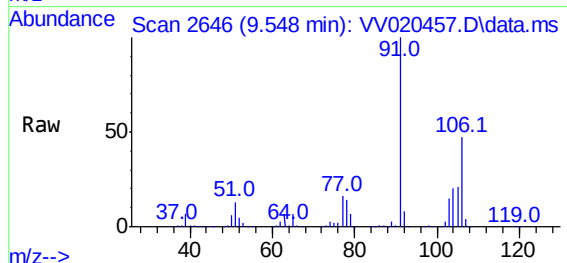




#54
o-xylene
Concen: 52.68 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

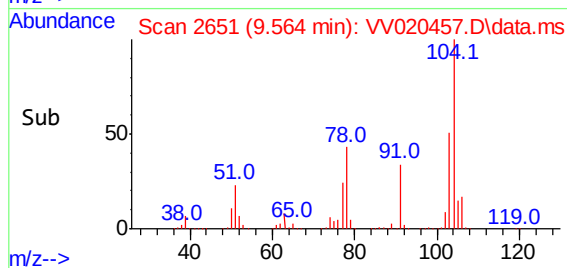
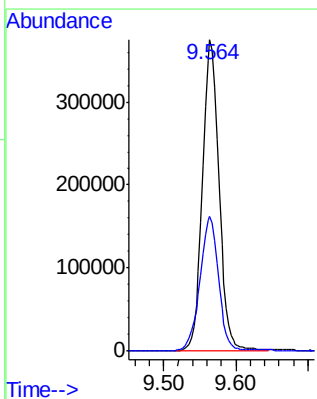
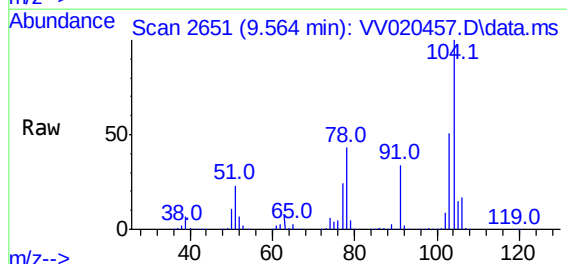
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

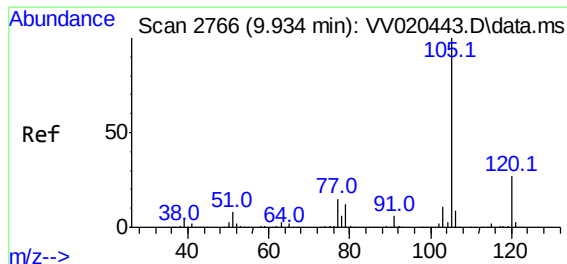
Tgt Ion:106 Resp: 332631
Ion Ratio Lower Upper
106 100
91 213.1 156.4 290.6



#55
Styrene
Concen: 54.96 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

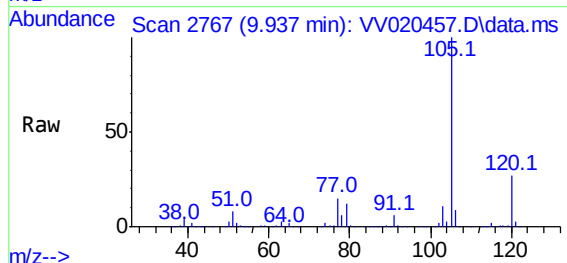
Tgt Ion:104 Resp: 597206
Ion Ratio Lower Upper
104 100
78 43.2 33.7 62.5



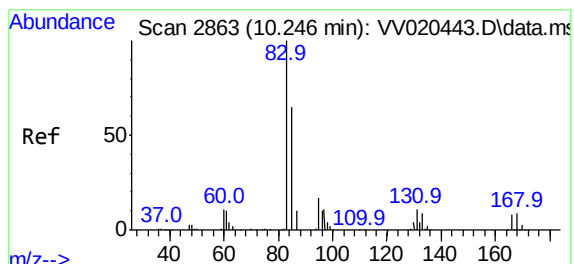
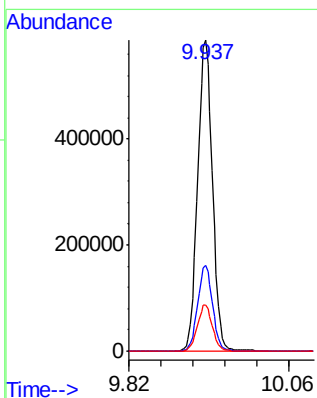
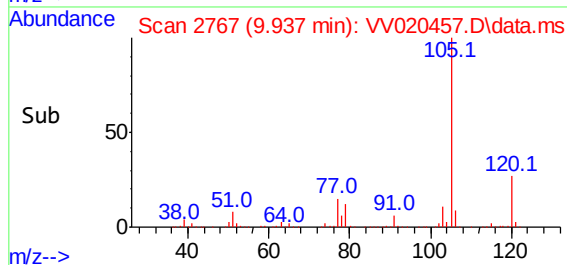


#56
Isopropylbenzene
Concen: 52.61 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

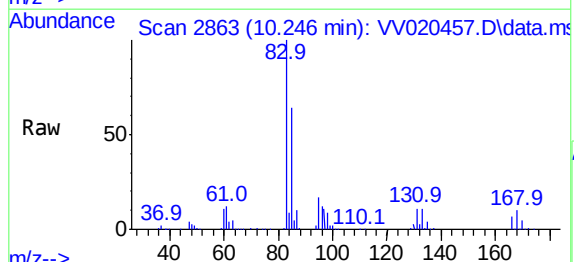
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070



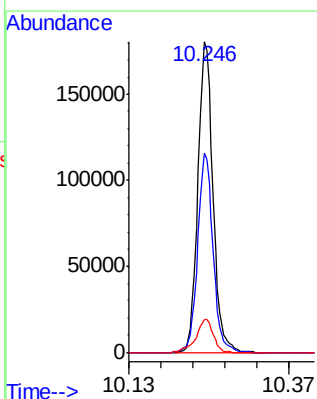
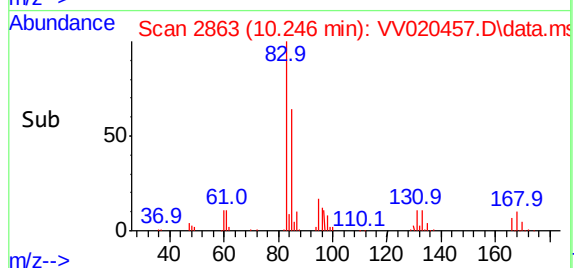
Tgt Ion:105 Resp: 891387
Ion Ratio Lower Upper
105 100
120 27.4 20.5 30.7
77 14.7 13.6 20.4

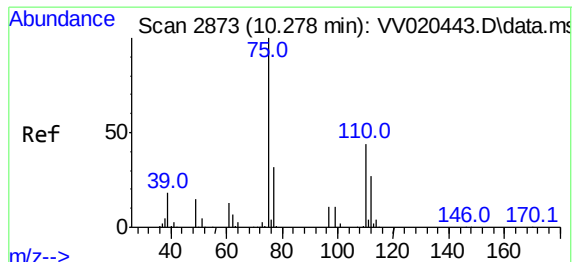


#58
1,1,2,2-Tetrachloroethane
Concen: 49.47 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10



Tgt Ion: 83 Resp: 284891
Ion Ratio Lower Upper
83 100
85 64.2 44.3 82.3
131 10.6 7.3 10.9

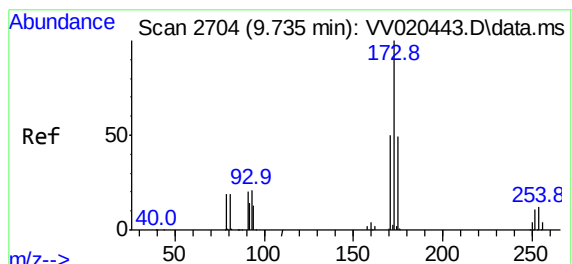
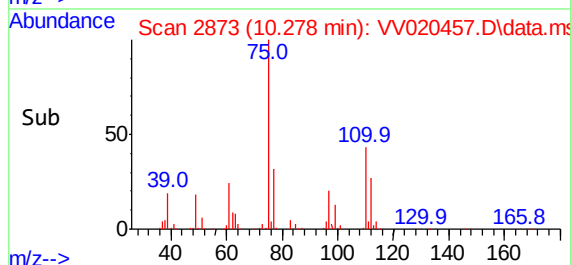
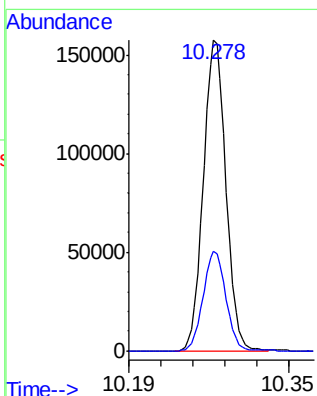
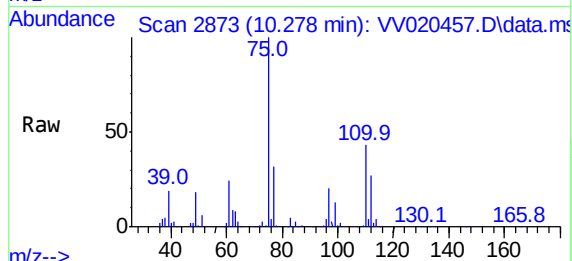




#59
1,2,3-Trichloropropane
Concen: 51.97 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

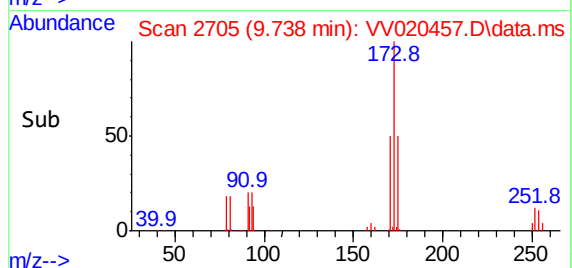
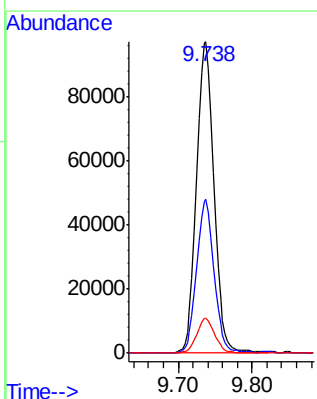
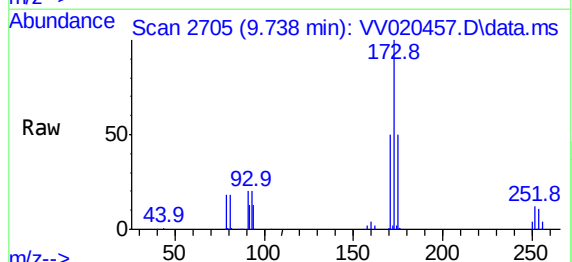
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

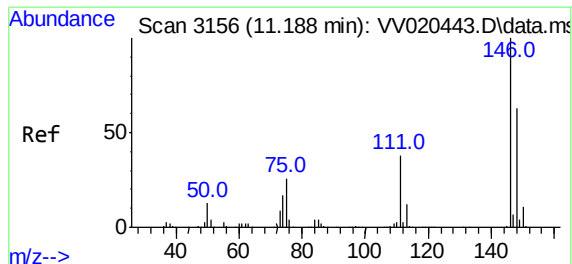
Tgt Ion: 75 Resp: 247467
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#61
Bromoform
Concen: 50.79 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:173 Resp: 159500
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
254 11.0 6.5 9.7#

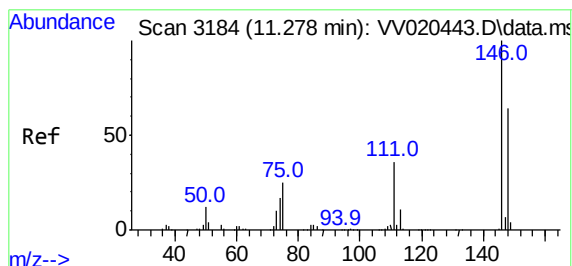
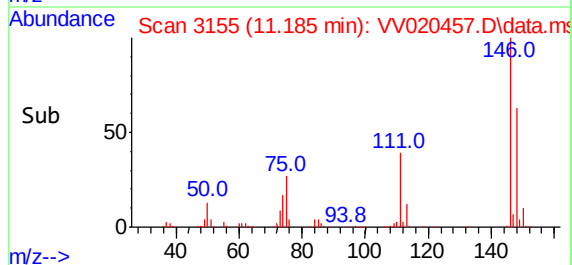
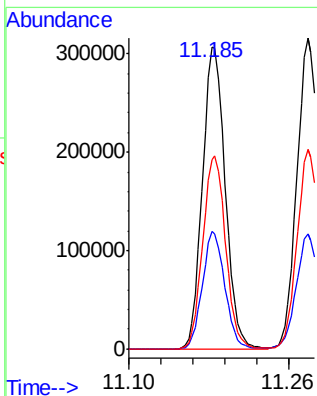
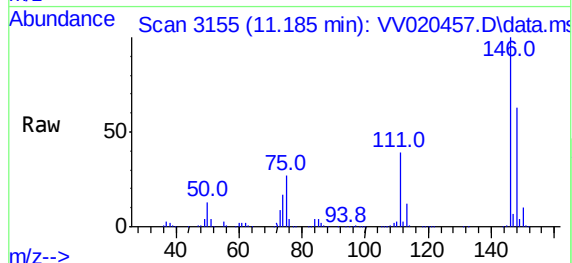




#62
1,3-Dichlorobenzene
Concen: 51.51 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

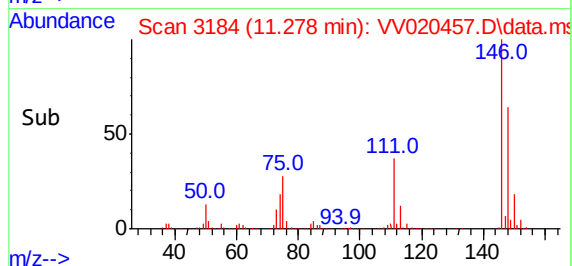
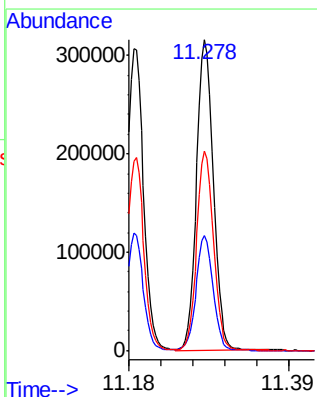
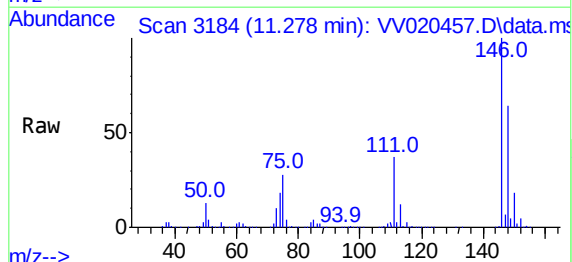
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

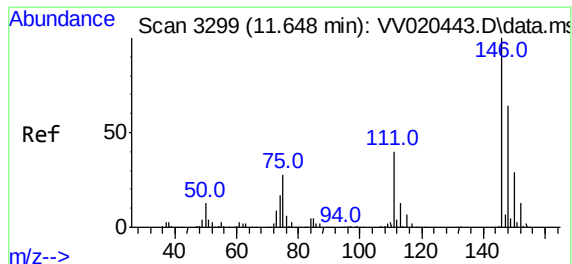
Tgt Ion:146 Resp: 470259
Ion Ratio Lower Upper
146 100
111 38.7 30.2 56.2
148 62.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 51.57 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:146 Resp: 482780
Ion Ratio Lower Upper
146 100
111 37.0 29.4 54.6
148 64.3 44.7 83.1

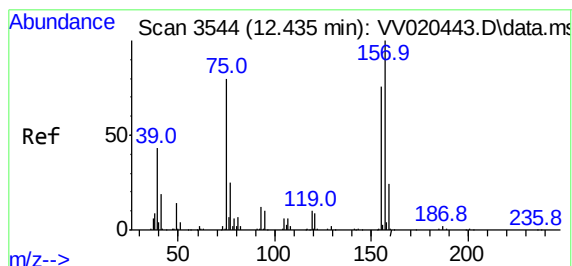
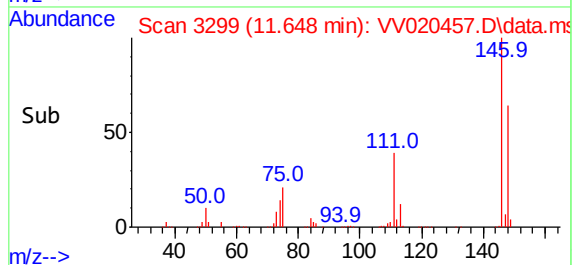
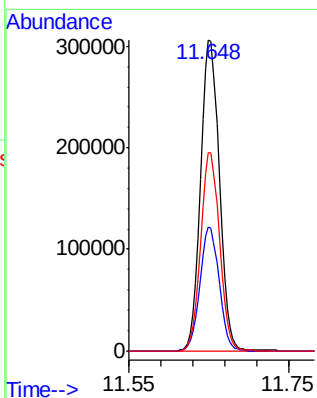
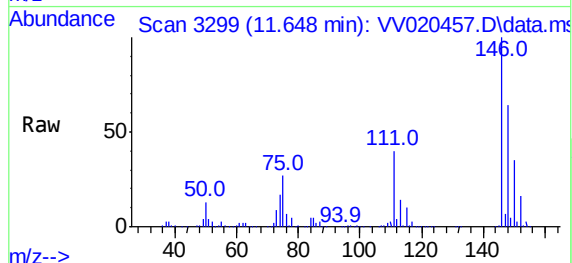




#65
1,2-Dichlorobenzene
Concen: 52.43 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

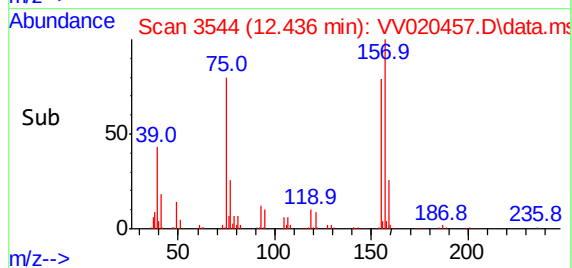
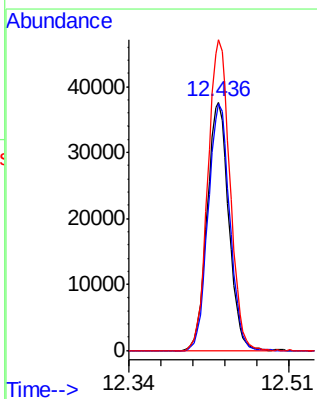
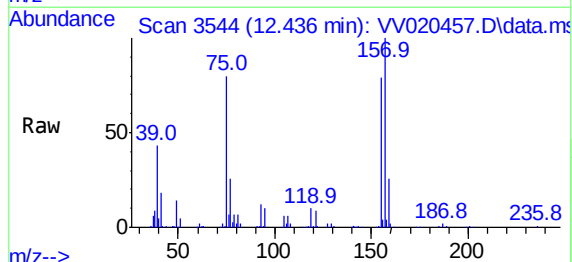
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

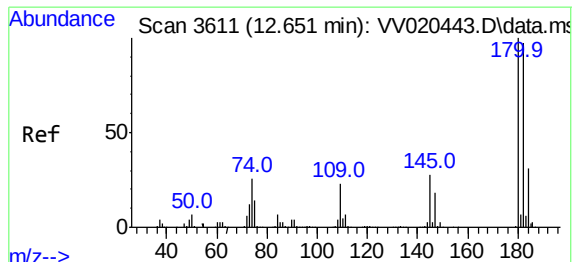
Tgt Ion:146 Resp: 477861
Ion Ratio Lower Upper
146 100
111 40.1 36.3 54.5
148 63.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 41.68 ug/L
RT: 12.436 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion: 75 Resp: 58283
Ion Ratio Lower Upper
75 100
155 99.4 59.1 88.7#
157 125.0 75.4 113.0#

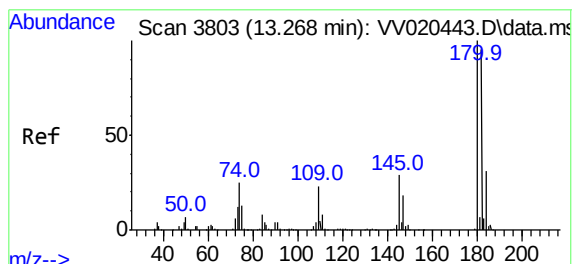
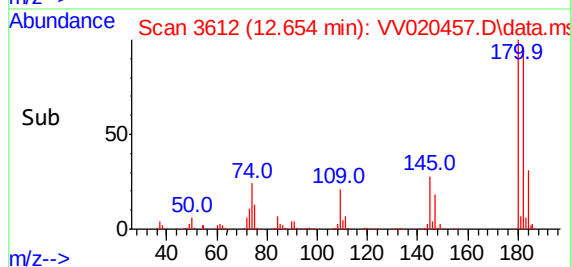
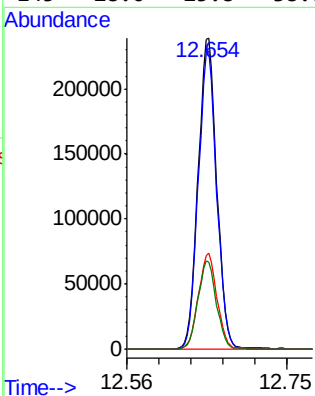
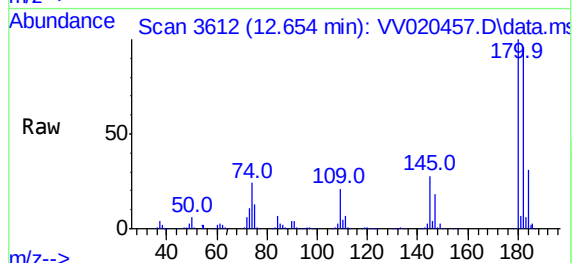




#67
1,3,5-Trichlorobenzene
Concen: 50.69 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

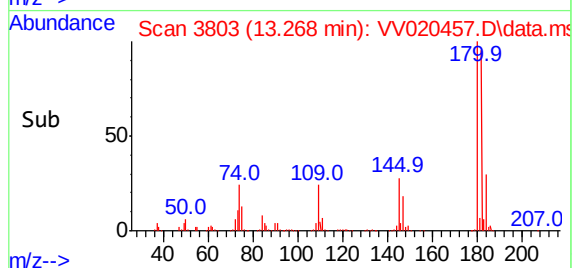
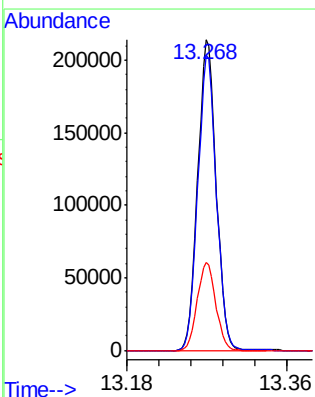
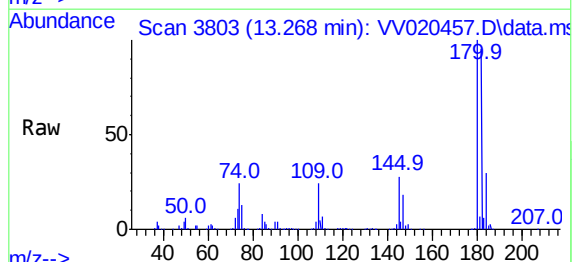
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

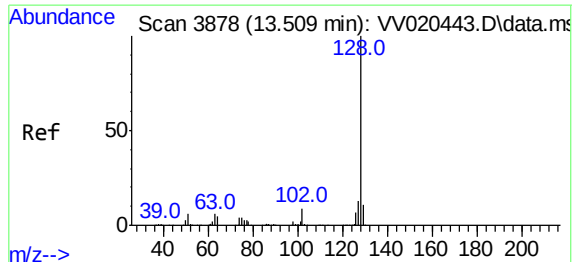
Tgt Ion:180 Resp: 361362
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
184 30.6 24.0 36.0
145 28.0 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.68 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:180 Resp: 320601
Ion Ratio Lower Upper
180 100
182 95.8 75.1 112.7
145 28.5 26.8 40.2

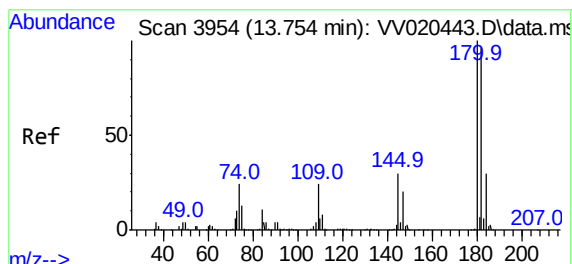
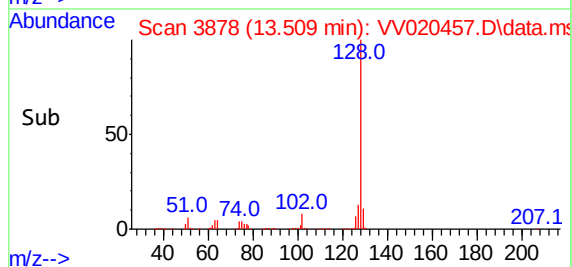
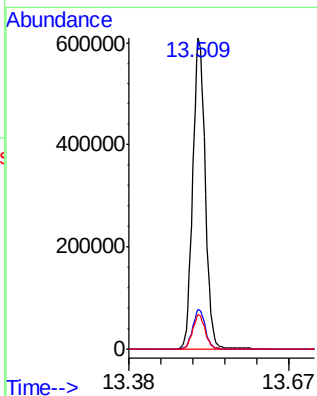
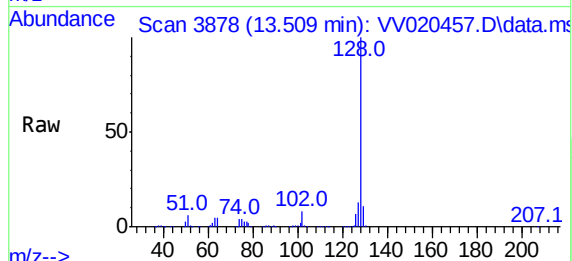




#69
Naphthalene
Concen: 51.87 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Tgt Ion:128 Resp: 939694
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.73 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020457.D
Acq: 03 Mar 2021 19:10

Tgt Ion:180 Resp: 332059
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 30.2 27.9 41.9

