

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020524.D
 Acq On : 11 Mar 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Mar 12 03:53:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 03:02:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	585938	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	578585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	341971	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173341	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.568	69	141881	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.32%
11) 1,1-Dichloroethene-d2	2.108	63	303534	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
21) 2-Butanone-d5	3.899	46	196567	90.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	4.349	84	327900	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
26) 1,2-Dichloroethane-d4	5.034	65	199550	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
32) Benzene-d6	5.050	84	652311	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.072	67	192917	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.46%
41) Toluene-d8	7.317	98	645437	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloroprop...	7.622	79	95745	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.091	63	153466	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	271341	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.631	152	306170	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	250263	46.92	ug/L	100
3) Chloromethane	1.243	50	196896	42.47	ug/L	99
5) Vinyl chloride	1.310	62	215356	43.97	ug/L	100
6) Bromomethane	1.523	94	147300	43.75	ug/L	95
8) Chloroethane	1.587	64	124313	45.26	ug/L	98
9) Trichlorofluoromethane	1.754	101	330500	46.47	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	185199	48.57	ug/L #	83
12) 1,1-Dichloroethene	2.117	96	171077	45.23	ug/L #	64
13) Acetone	2.195	43	139722	91.97	ug/L	88
14) Carbon disulfide	2.294	76	465909	44.10	ug/L	99
15) Methyl Acetate	2.439	43	146997	43.56	ug/L #	87
16) Methylene chloride	2.506	84	181549	44.53	ug/L	81
17) trans-1,2-Dichloroethene	2.760	96	178436	45.67	ug/L	84
18) Methyl tert-butyl Ether	2.770	73	484985	45.40	ug/L #	92
19) 1,1-Dichloroethane	3.191	63	290948	44.28	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	189330	45.85	ug/L	77
22) 2-Butanone	3.982	43	198683	88.43	ug/L	83
23) Bromochloromethane	4.249	128	111030	47.03	ug/L #	68
25) Chloroform	4.375	83	333621	45.42	ug/L	97
27) 1,2-Dichloroethane	5.133	62	229663	42.73	ug/L #	93

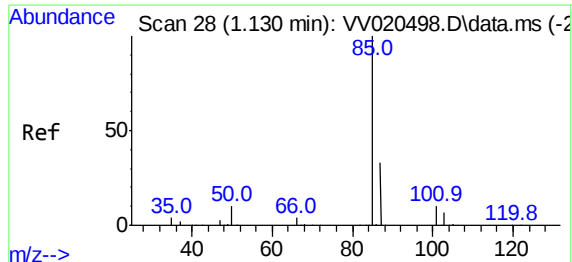
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 Data File : VW020524.D
 Acq On : 11 Mar 2021 09:38
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Quant Time: Mar 12 03:53:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 03:02:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	244820	47.45	ug/L	85
30) 1,1,1-Trichloroethane	4.609	97	293010	46.54	ug/L #	93
31) Carbon tetrachloride	4.828	117	264902	47.35	ug/L	100
33) Benzene	5.101	78	698410	46.02	ug/L	100
34) Trichloroethene	5.915	95	210140	46.50	ug/L	88
35) Methylcyclohexane	6.133	83	291956	49.89	ug/L	89
37) 1,2-Dichloropropane	6.175	63	172714	45.79	ug/L #	96
38) Bromodichloromethane	6.513	83	235482	45.83	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	271283	47.03	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	389193	89.36	ug/L #	86
42) Toluene	7.390	91	798491	47.81	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	264959	47.23	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	187255	46.16	ug/L	95
46) Tetrachloroethene	7.979	164	185945	49.04	ug/L	92
48) 2-Hexanone	8.143	43	307801	90.28	ug/L #	84
49) Dibromochloromethane	8.249	129	215759	48.45	ug/L	97
50) 1,2-Dibromoethane	8.355	107	204567	46.70	ug/L #	99
51) Chlorobenzene	8.886	112	548168	46.63	ug/L	92
52) Ethylbenzene	9.017	91	871741	47.49	ug/L	96
53) m,p-Xylene	9.143	106	350306	48.90	ug/L	88
54) o-xylene	9.548	106	336421	48.78	ug/L	90
55) Styrene	9.564	104	597561	50.31	ug/L	91
56) Isopropylbenzene	9.937	105	891779	48.92	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	256651	46.15	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	229289	45.09	ug/L	100
61) Bromoform	9.734	173	159314	46.31	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	484375	46.96	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	495685	45.99	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	484498	46.41	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	54804	43.74	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.651	180	386322	47.98	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	337016	48.63	ug/L	96
69) Naphthalene	13.509	128	905892	48.84	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	341547	48.57	ug/L	97

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

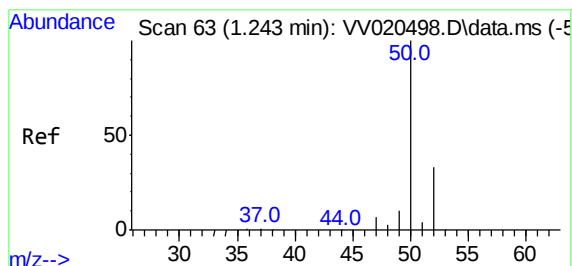
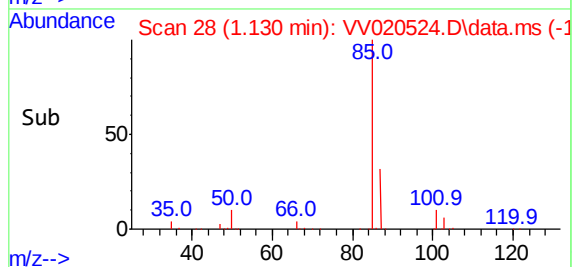
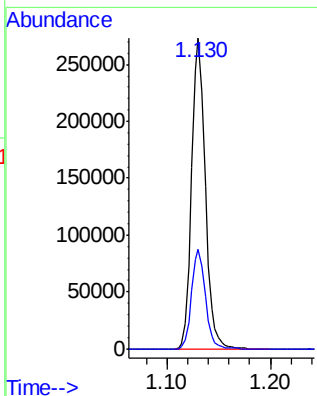
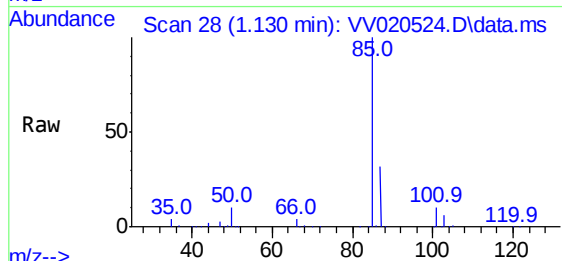


#2

Dichlorodifluoromethane
Concen: 46.92 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

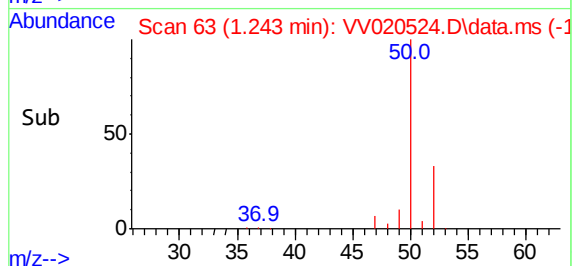
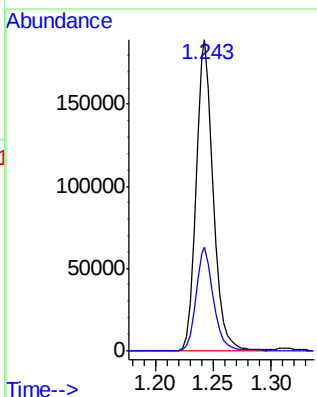
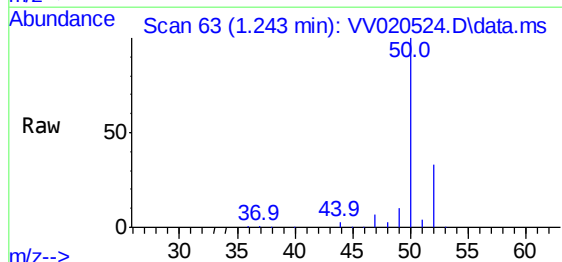
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Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9

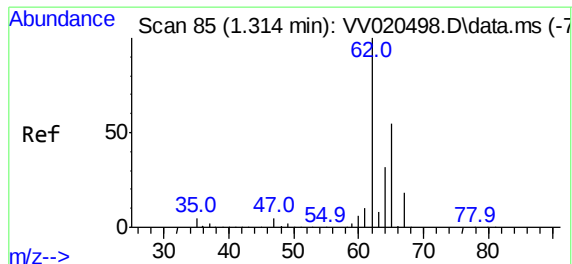


#3

Chloromethane
Concen: 42.47 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 50 Resp: 196896
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

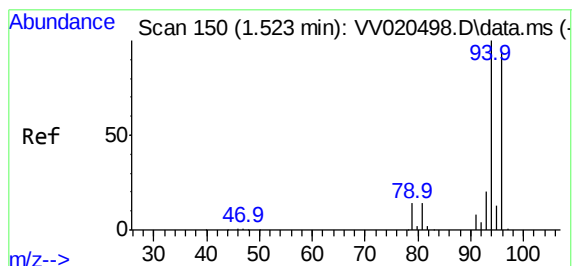
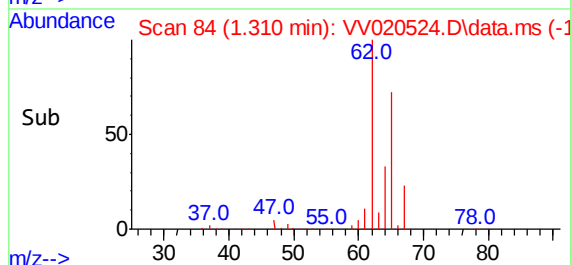
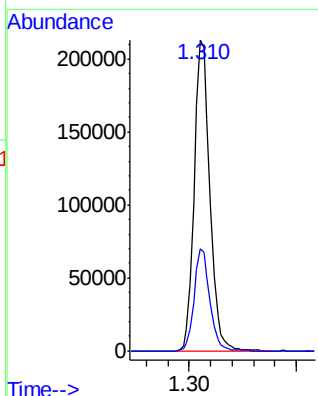
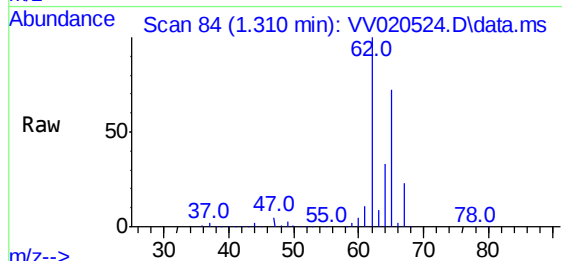




#5
 Vinyl chloride
 Concen: 43.97 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020524.D
 Acq: 11 Mar 2021 09:38

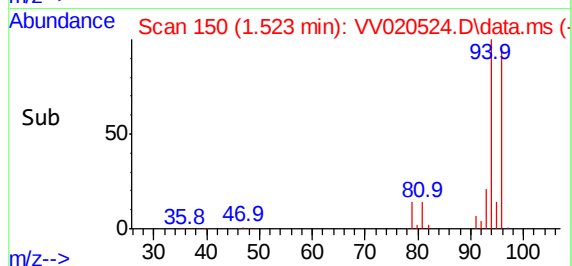
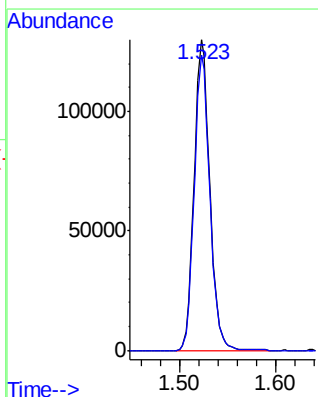
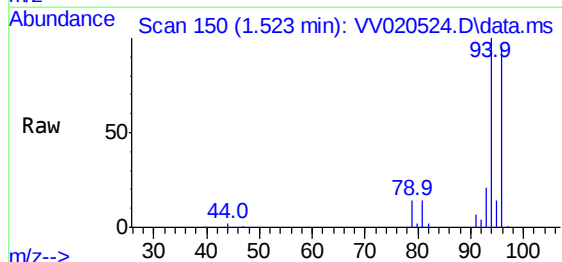
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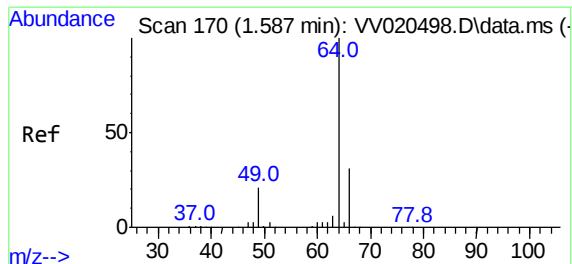
Tgt Ion: 62 Resp: 215356
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 43.75 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020524.D
 Acq: 11 Mar 2021 09:38

Tgt Ion: 94 Resp: 147300
 Ion Ratio Lower Upper
 94 100
 96 95.2 63.6 118.2

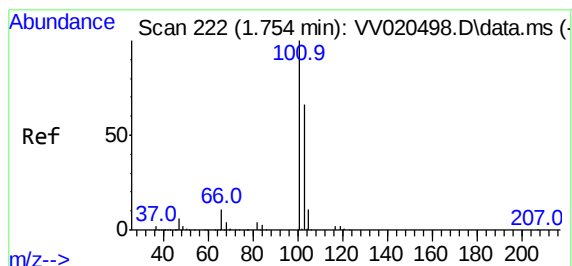
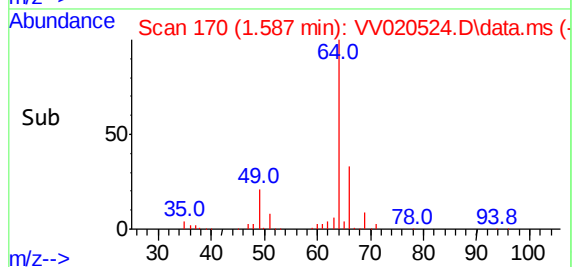
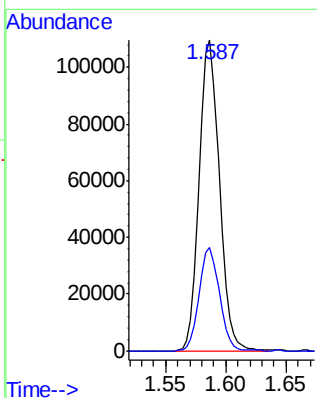
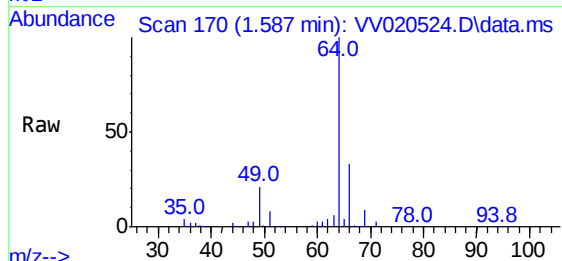




#8
Chloroethane
Concen: 45.26 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

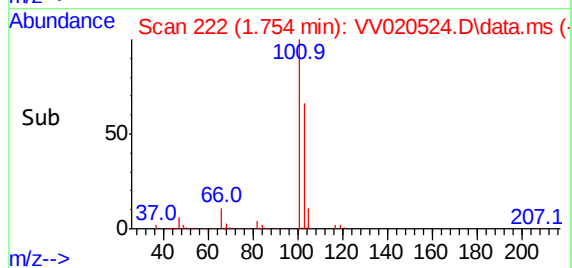
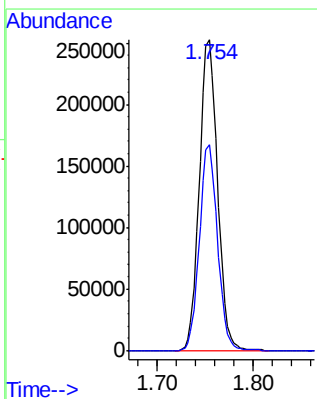
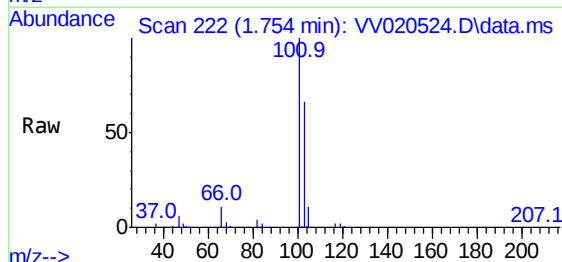
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ClientSampleId :
VSTD05070

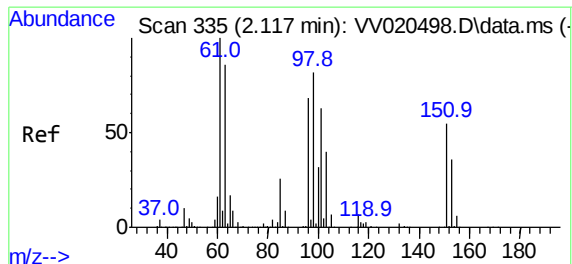
Tgt Ion: 64 Resp: 124313
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.47 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:101 Resp: 330500
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5

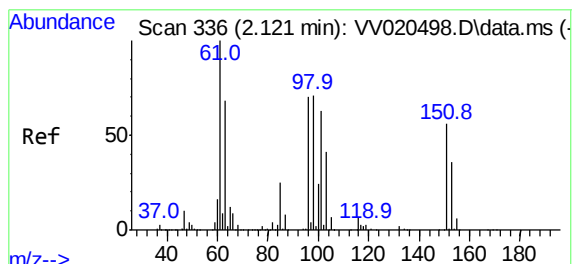
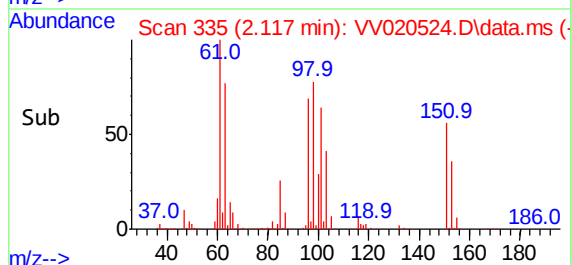
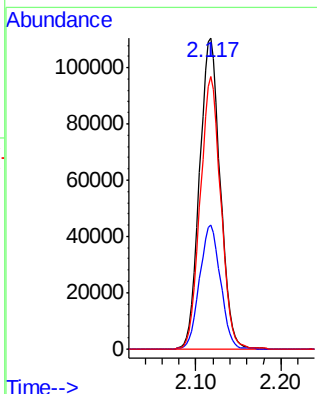
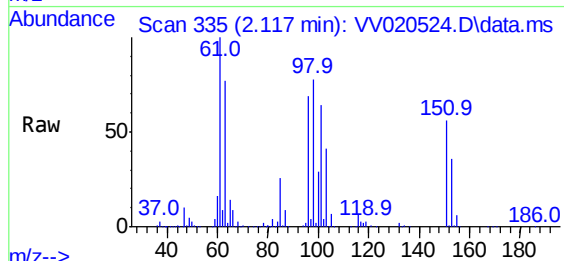




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.57 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020524.D
 Acq: 11 Mar 2021 09:38

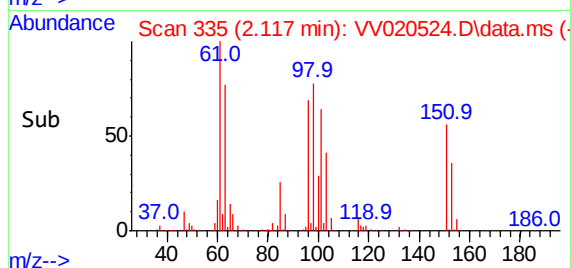
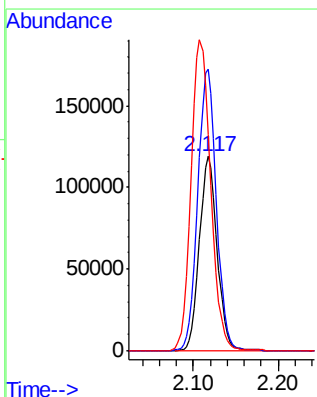
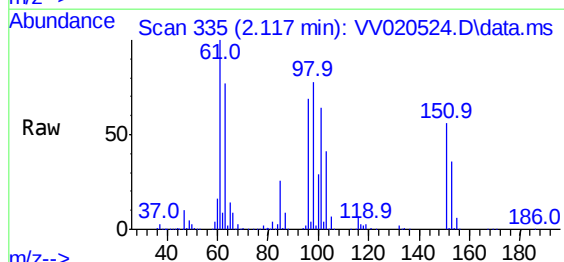
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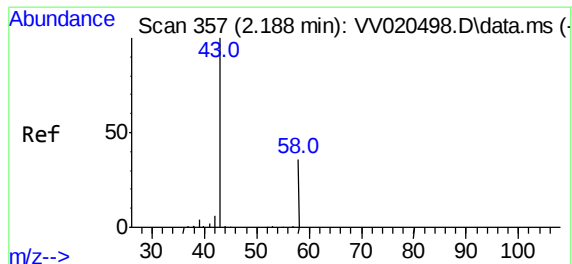
Tgt Ion:101 Resp: 185199
 Ion Ratio Lower Upper
 101 100
 85 40.4 35.3 52.9
 151 87.2 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 45.23 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020524.D
 Acq: 11 Mar 2021 09:38

Tgt Ion: 96 Resp: 171077
 Ion Ratio Lower Upper
 96 100
 61 145.2 134.9 250.5
 63 111.6 117.6 218.4#

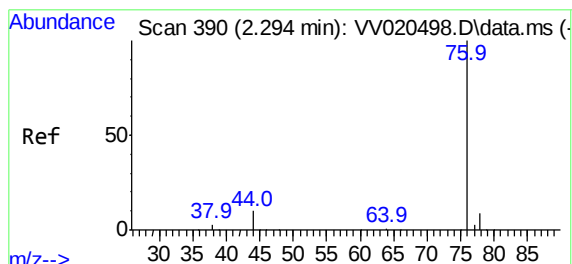
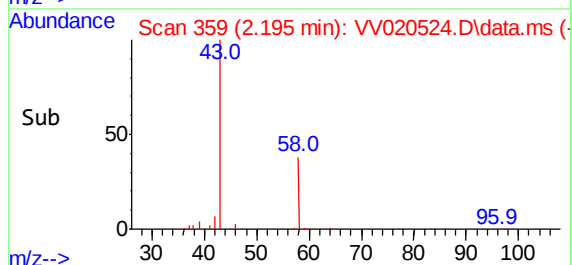
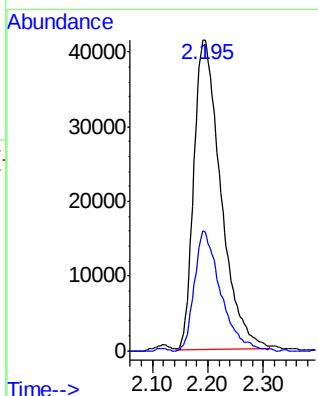
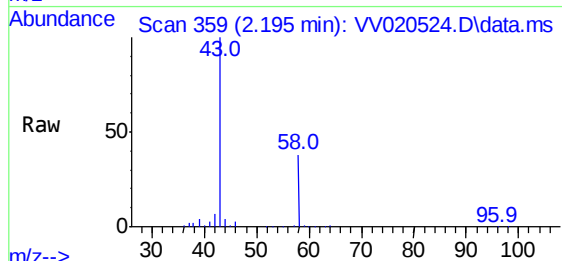




#13
Acetone
Concen: 91.97 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

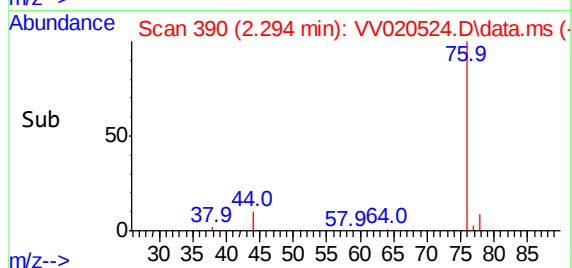
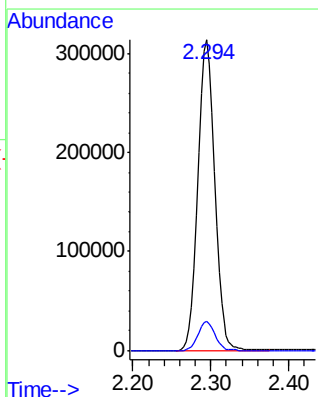
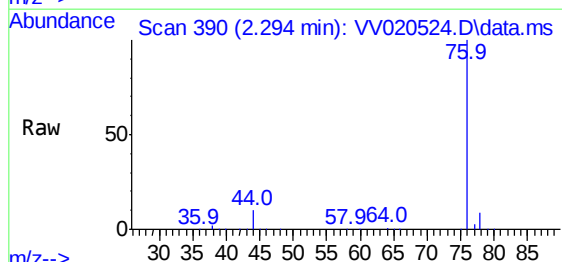
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

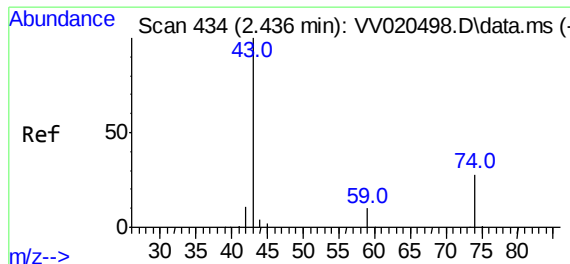
Tgt Ion: 43 Resp: 139722
Ion Ratio Lower Upper
43 100
58 36.6 0.0 60.2



#14
Carbon disulfide
Concen: 44.10 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 76 Resp: 465909
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

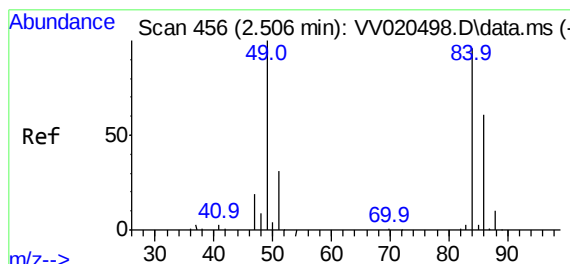
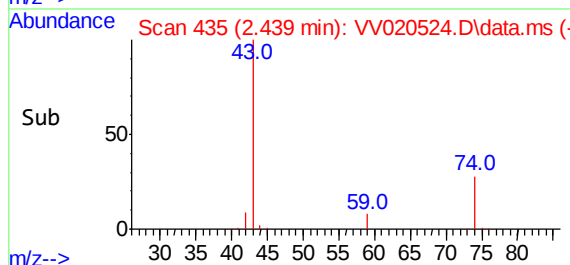
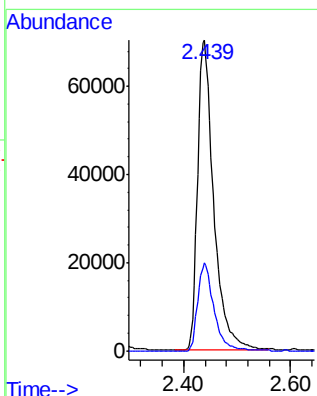
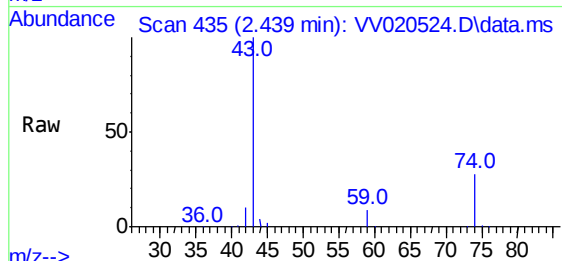




#15
Methyl Acetate
Concen: 43.56 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

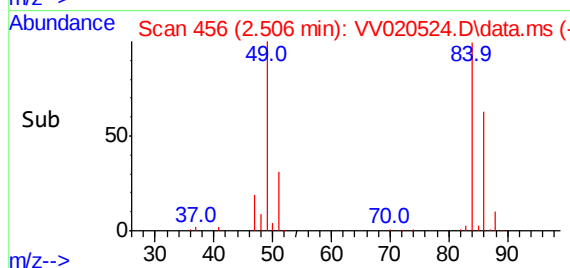
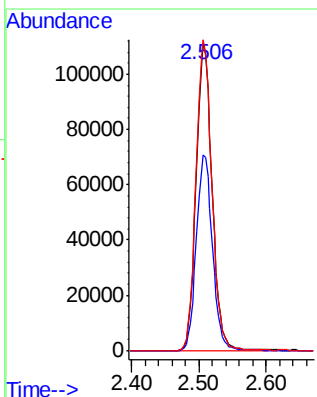
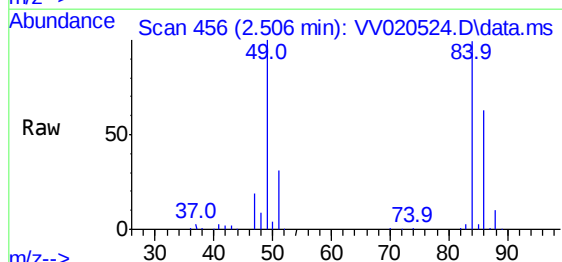
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

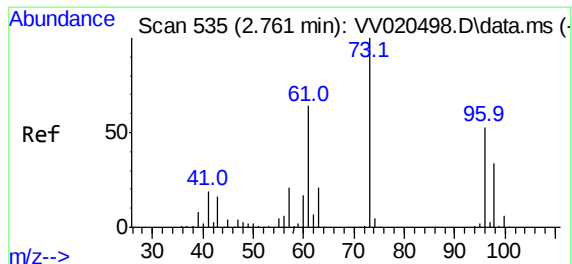
Tgt Ion: 43 Resp: 146997
Ion Ratio Lower Upper
43 100
74 28.3 17.6 26.4#



#16
Methylene chloride
Concen: 44.53 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 84 Resp: 181549
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 101.3 94.6 175.8

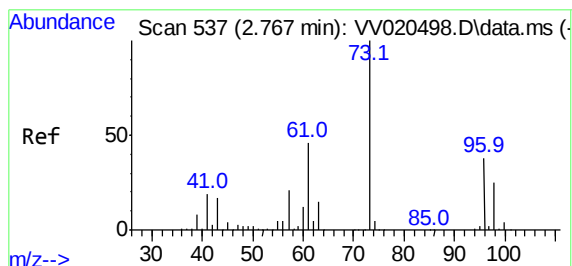
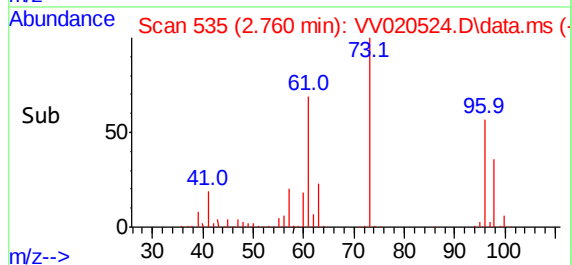
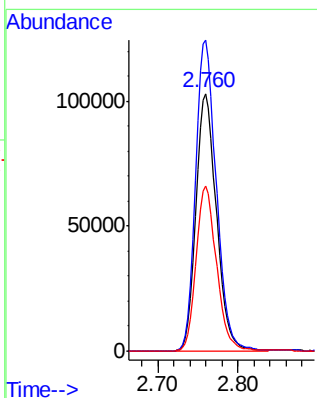
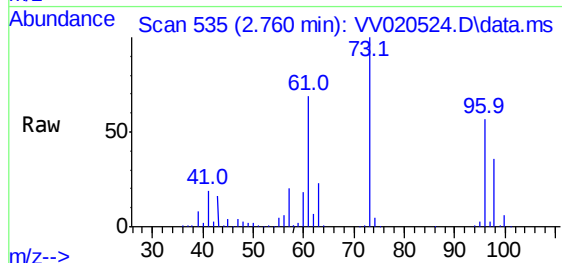




#17
trans-1,2-Dichloroethene
Concen: 45.67 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

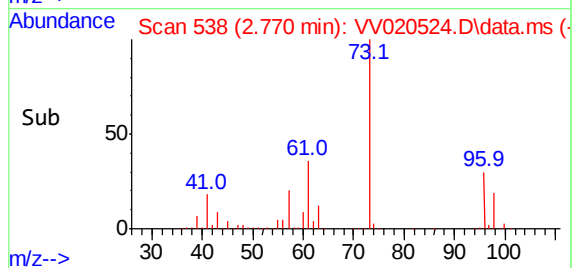
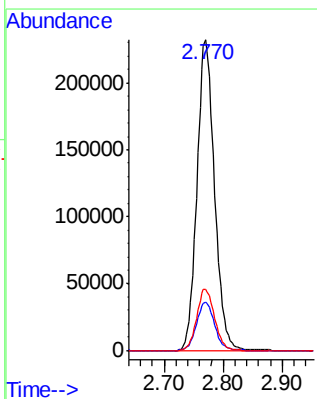
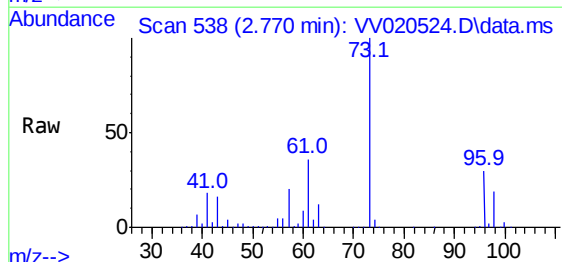
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

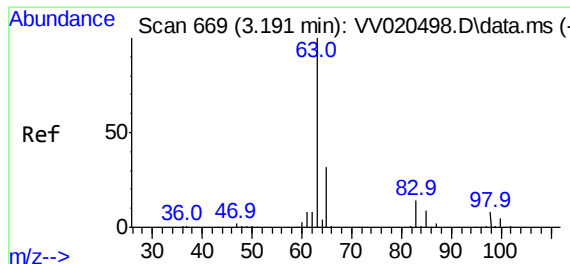
Tgt Ion: 96 Resp: 178436
Ion Ratio Lower Upper
96 100
61 120.7 103.1 191.5
98 64.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 45.40 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 73 Resp: 484985
Ion Ratio Lower Upper
73 100
43 16.0 17.3 25.9#
57 20.0 17.9 26.9

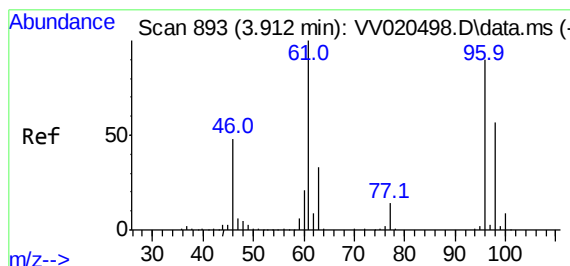
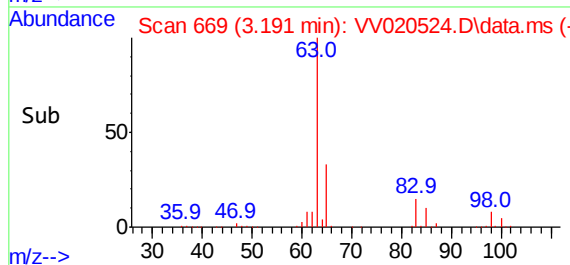
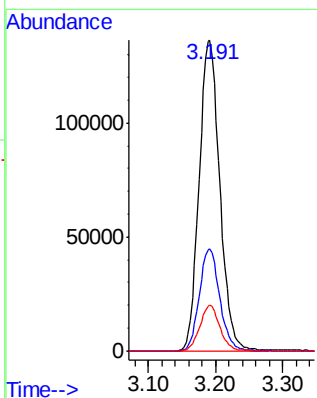
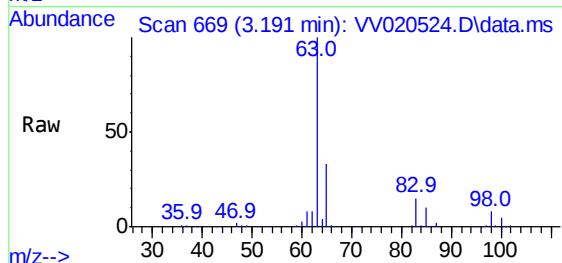




#19
1,1-Dichloroethane
Concen: 44.28 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

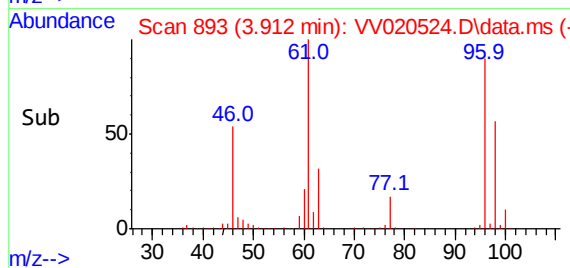
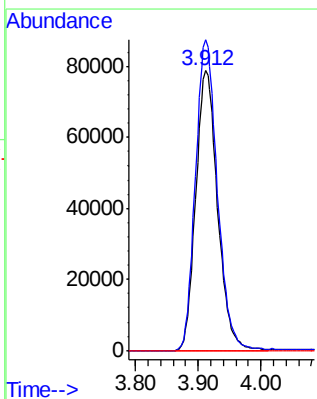
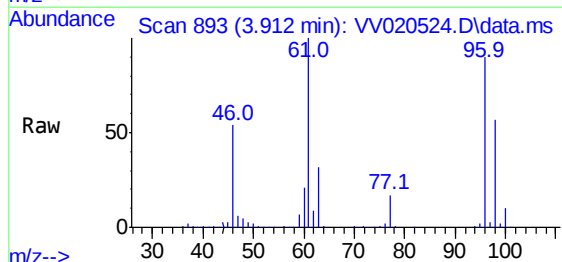
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

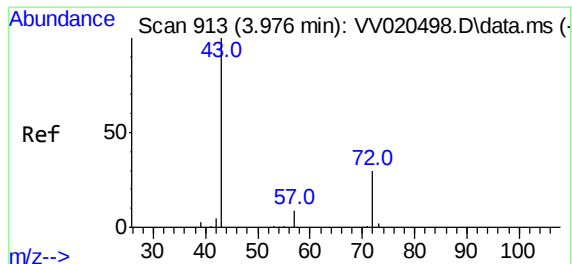
Tgt Ion: 63 Resp: 290948
Ion Ratio Lower Upper
63 100
65 33.0 21.9 40.7
83 14.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 45.85 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 96 Resp: 189330
Ion Ratio Lower Upper
96 100
61 111.1 96.9 179.9
68 0.0 0.0 0.0

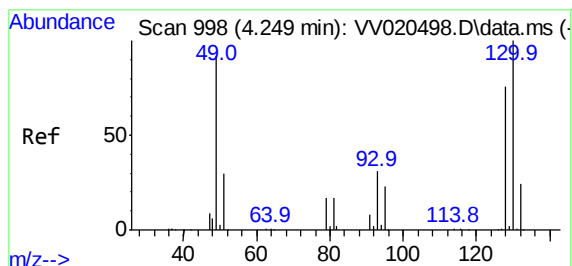
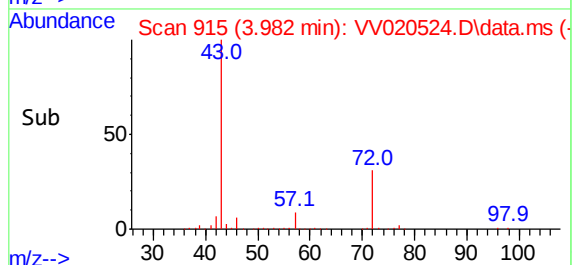
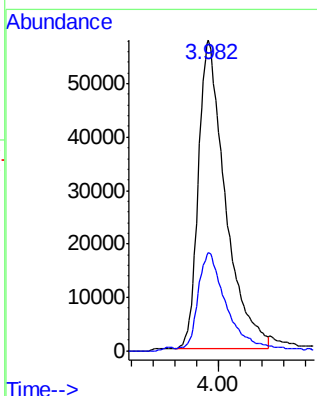
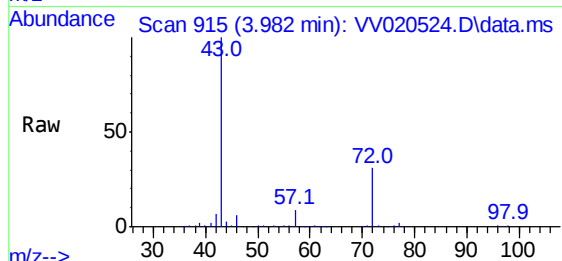




#22
2-Butanone
Concen: 88.43 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.006 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

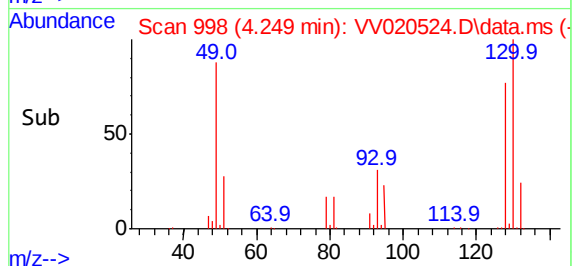
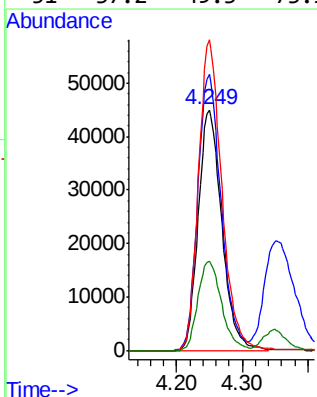
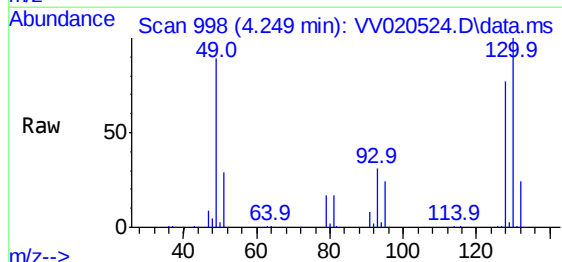
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

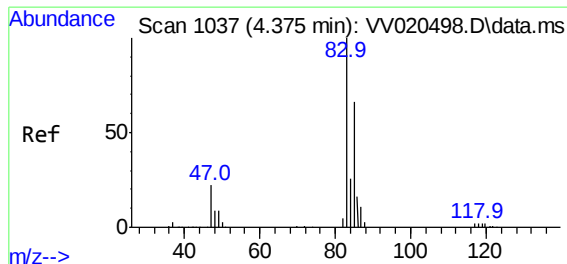
Tgt Ion: 43 Resp: 198683
Ion Ratio Lower Upper
43 100
72 33.0 12.2 36.6



#23
Bromochloromethane
Concen: 47.03 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 128 Resp: 111030
Ion Ratio Lower Upper
128 100
49 114.6 133.1 247.1#
130 129.1 89.0 165.4
51 37.2 49.3 73.9#

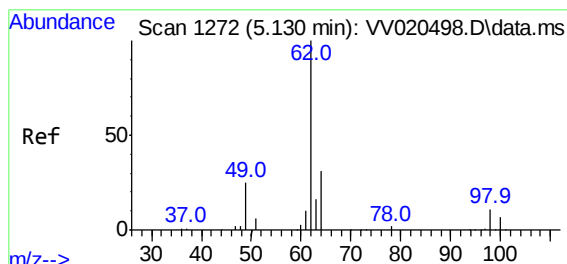
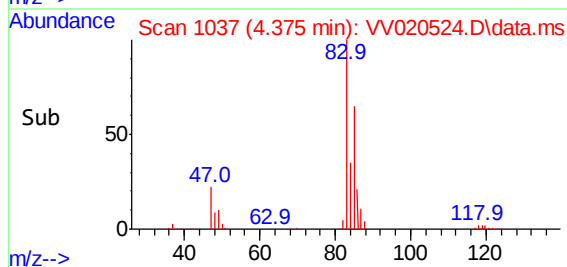
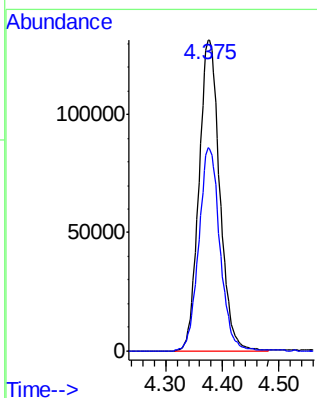
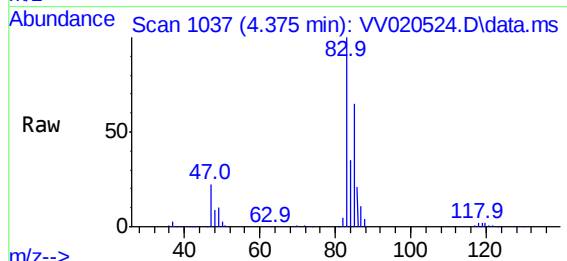




#25
Chloroform
Concen: 45.42 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

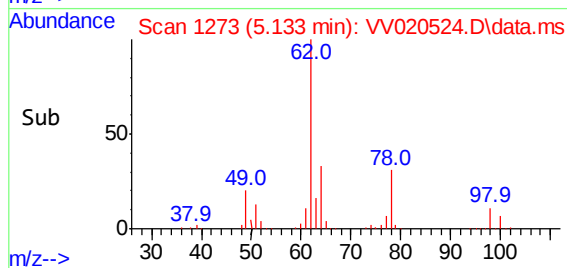
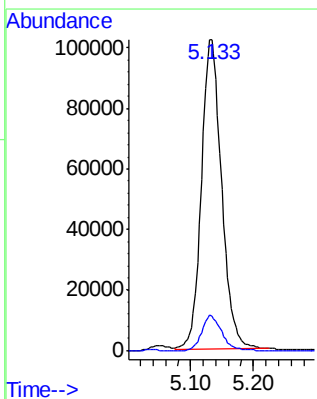
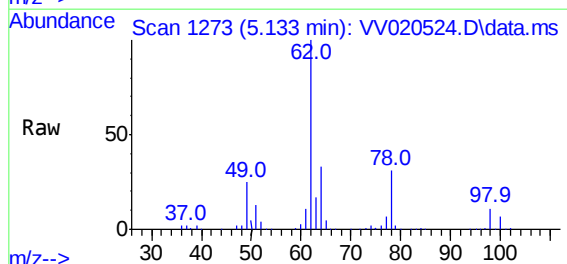
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

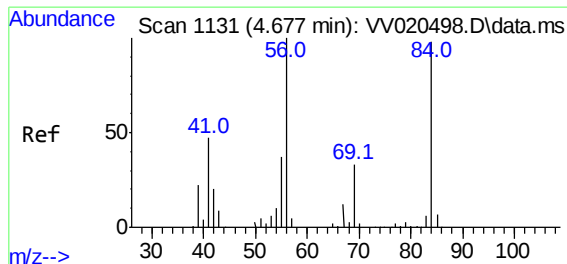
Tgt Ion: 83 Resp: 333621
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 42.73 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 62 Resp: 229663
Ion Ratio Lower Upper
62 100
98 11.2 6.9 10.3#

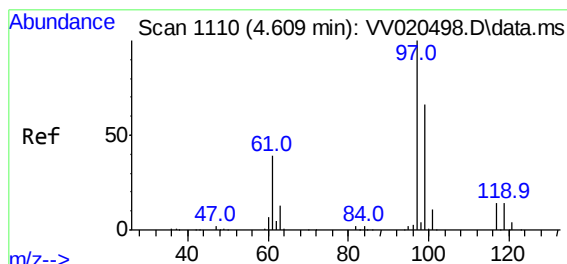
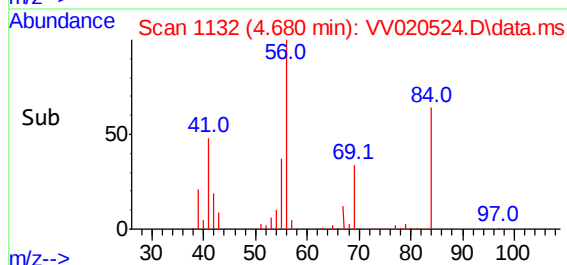
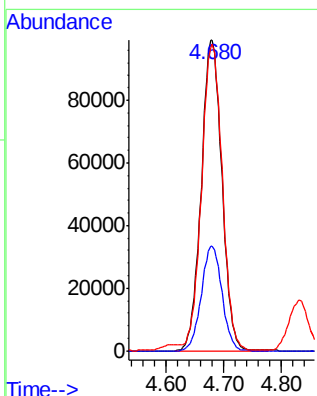
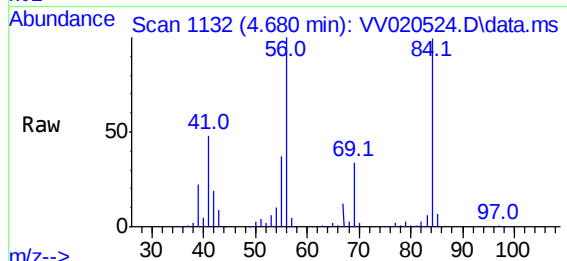




#29
Cyclohexane
Concen: 47.45 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

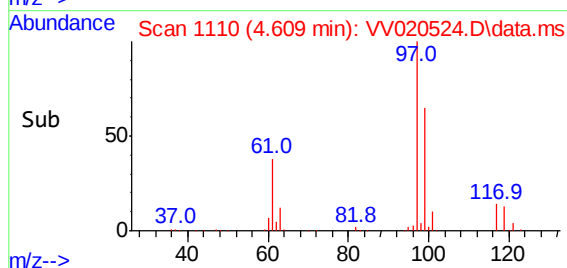
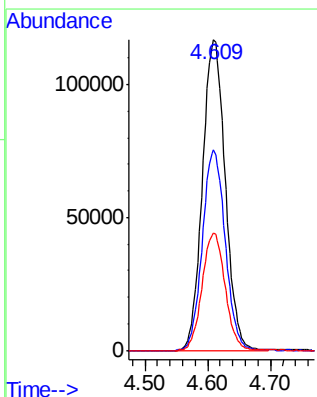
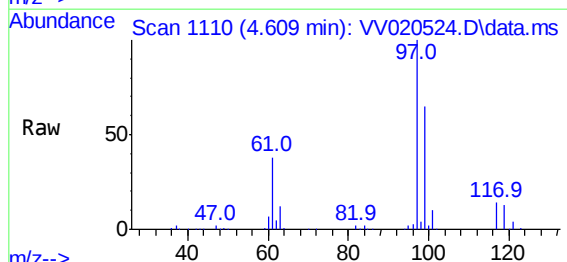
Instrument :
MSVOA_V
ClientSampled :
VSTD05070

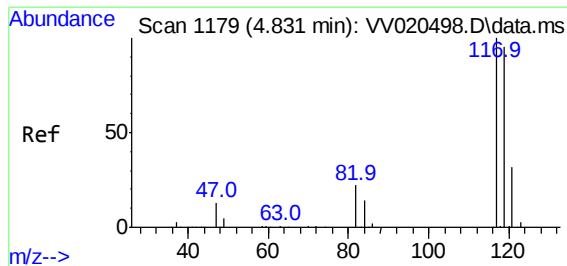
Tgt Ion: 56 Resp: 244820
Ion Ratio Lower Upper
56 100
69 33.7 24.2 36.2
84 99.2 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 46.54 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 97 Resp: 293010
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 37.9 38.5 57.7#

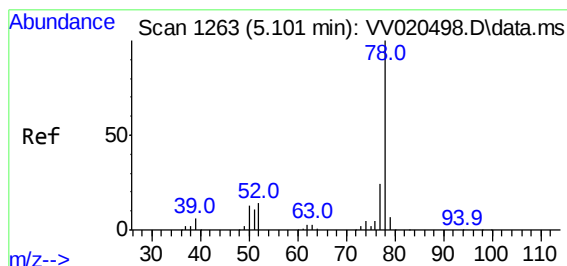
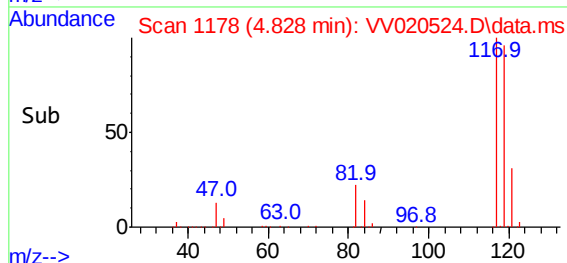
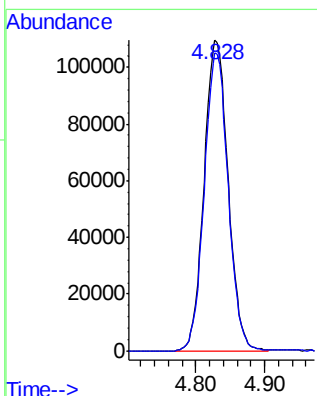
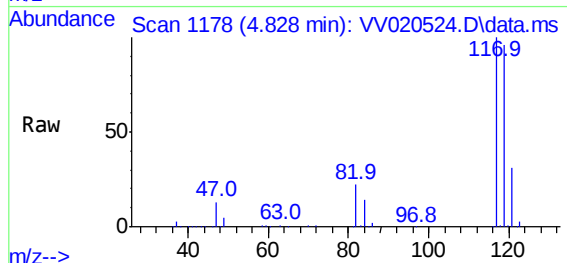




#31
Carbon tetrachloride
Concen: 47.35 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

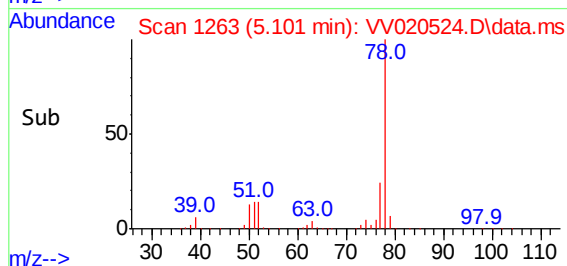
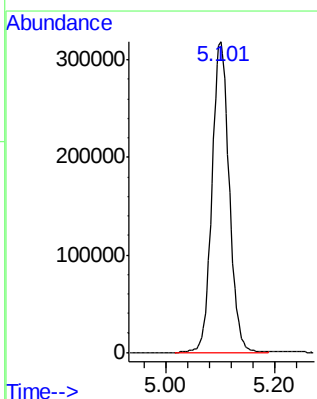
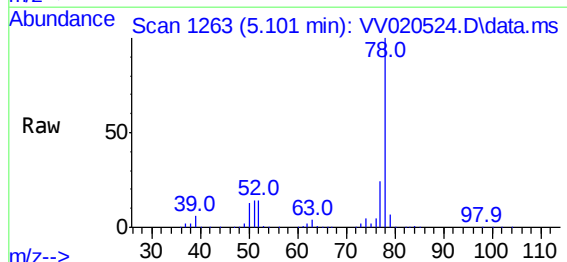
Instrument :
MSVOA_V
ClientSampled :
VSTD05070

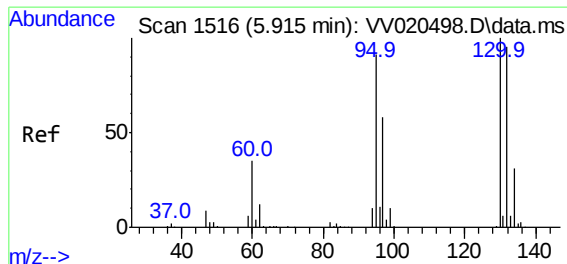
Tgt Ion:117 Resp: 264902
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 46.02 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 78 Resp: 698410

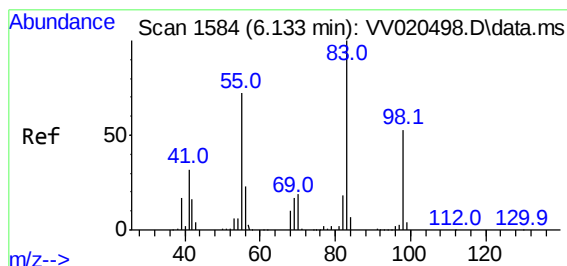
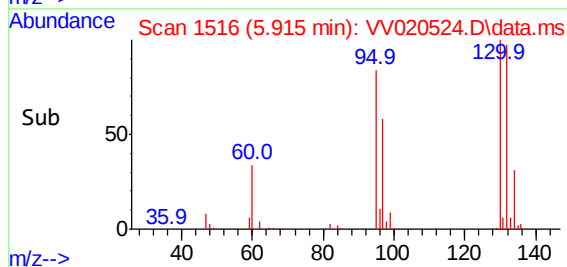
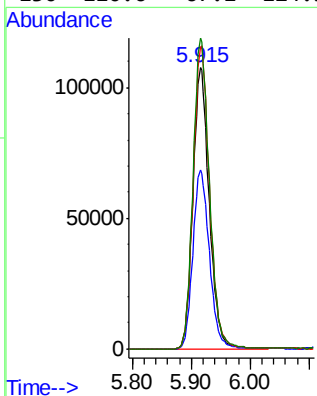
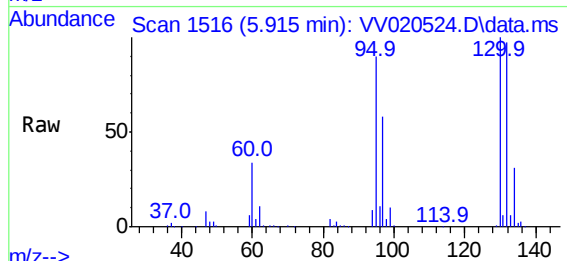




#34
Trichloroethene
Concen: 46.50 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

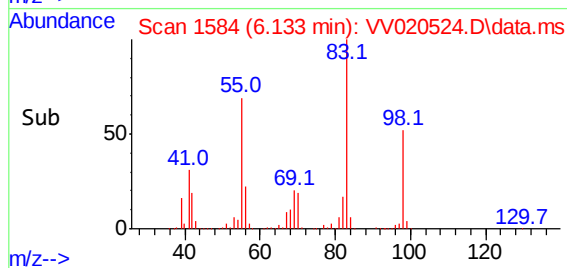
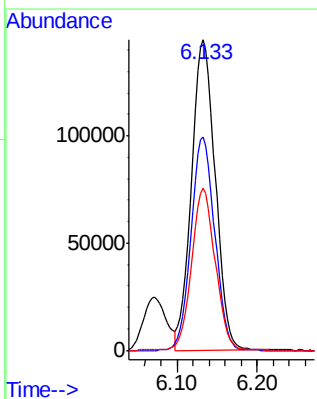
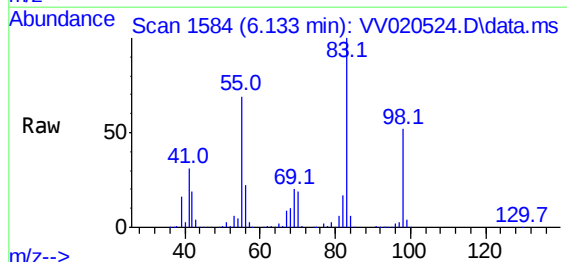
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

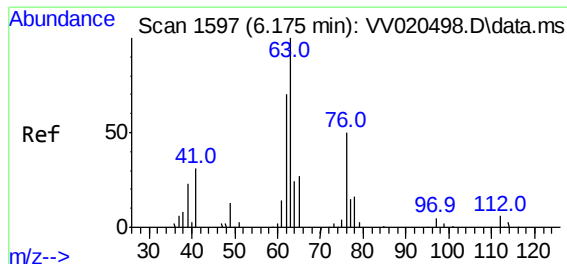
Tgt Ion: 95 Resp: 210140
Ion Ratio Lower Upper
95 100
97 63.8 44.5 82.7
132 107.3 63.4 117.8
130 110.6 67.1 124.5



#35
Methylcyclohexane
Concen: 49.89 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 83 Resp: 291956
Ion Ratio Lower Upper
83 100
55 68.8 65.1 97.7
98 52.1 38.2 57.2

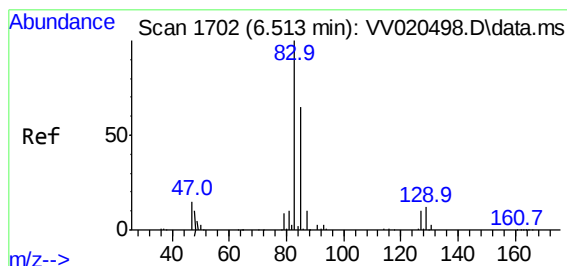
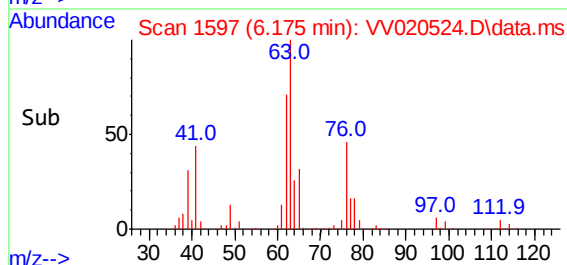
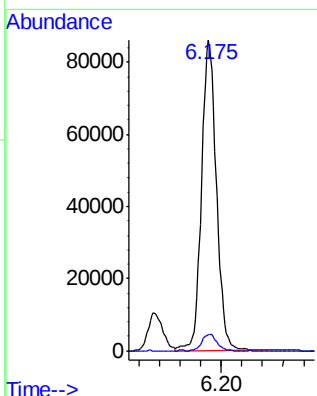
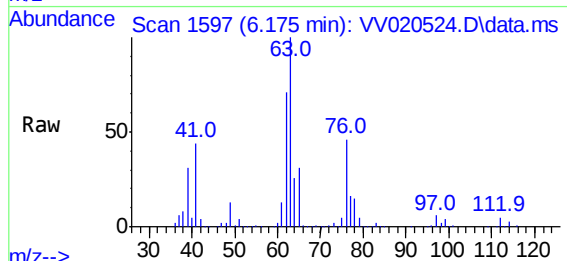




#37
1,2-Dichloropropane
Concen: 45.79 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

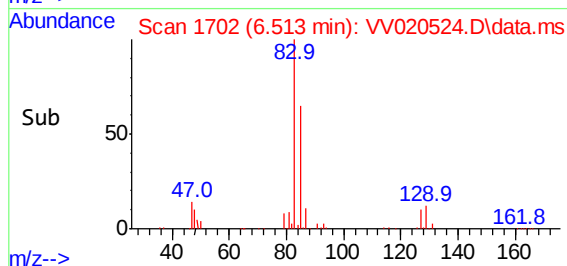
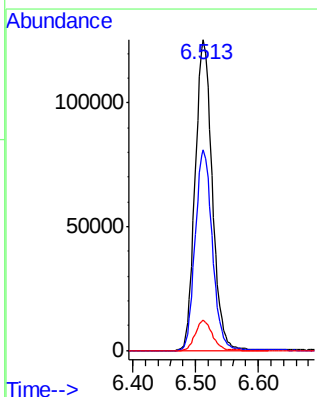
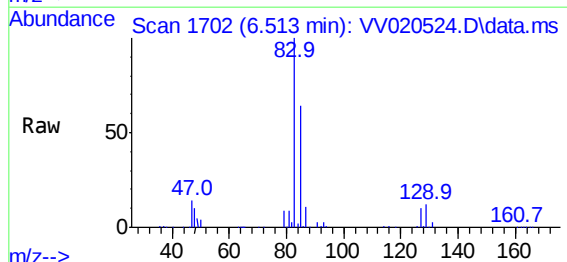
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

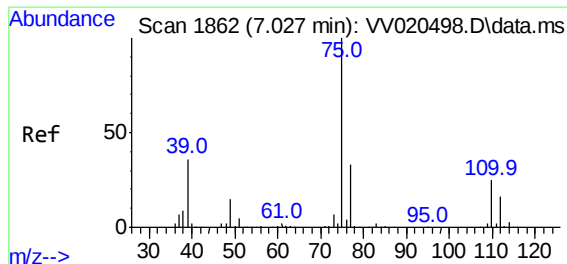
Tgt Ion: 63 Resp: 172714
Ion Ratio Lower Upper
63 100
112 5.3 3.3 4.9#



#38
Bromodichloromethane
Concen: 45.83 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 83 Resp: 235482
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
127 9.6 6.3 9.5#

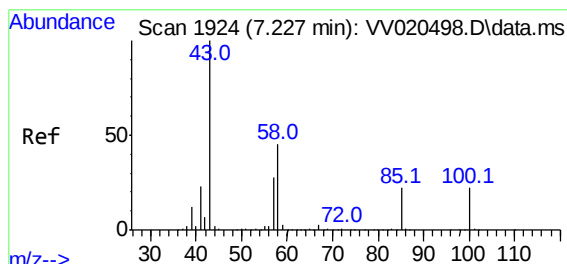
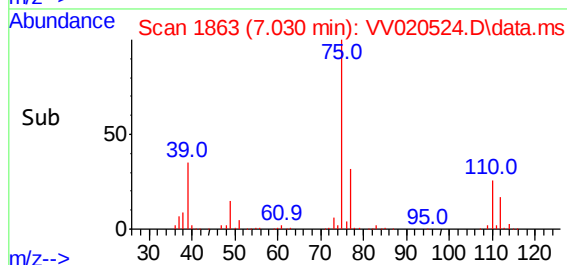
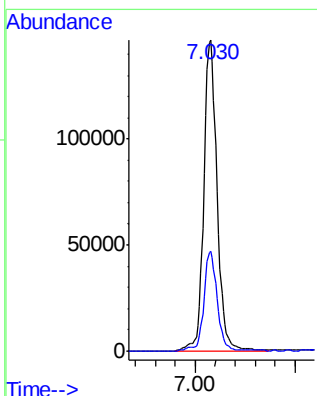
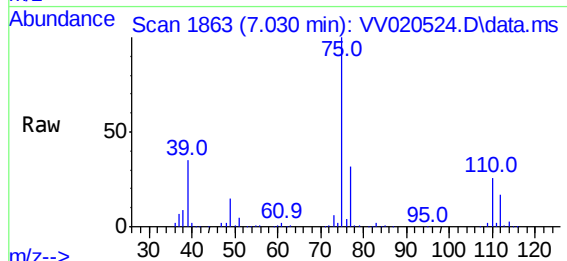




#39
cis-1,3-Dichloropropene
Concen: 47.03 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

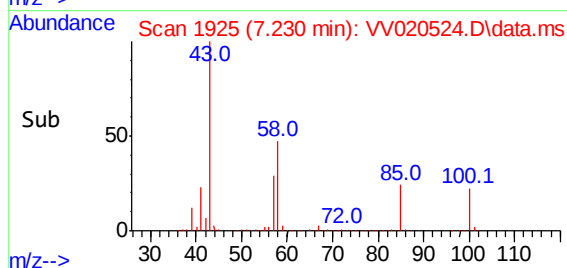
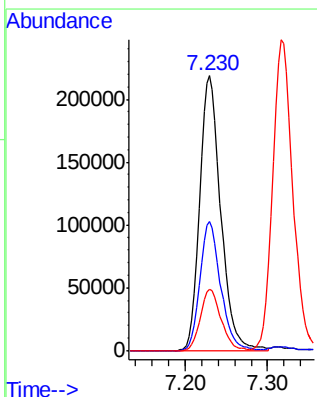
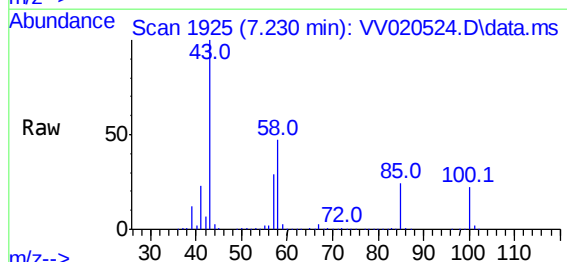
Instrument :
MSVOA_V
ClientSampled :
VSTD05070

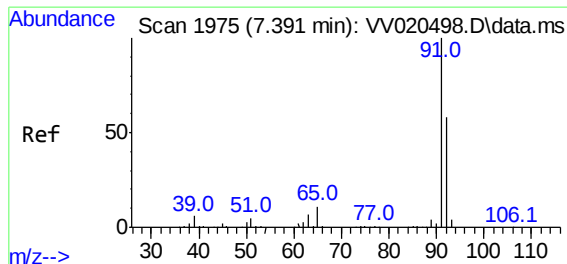
Tgt Ion: 75 Resp: 271283
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 89.36 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 43 Resp: 389193
Ion Ratio Lower Upper
43 100
58 46.1 30.7 46.1
100 21.8 11.6 17.4#

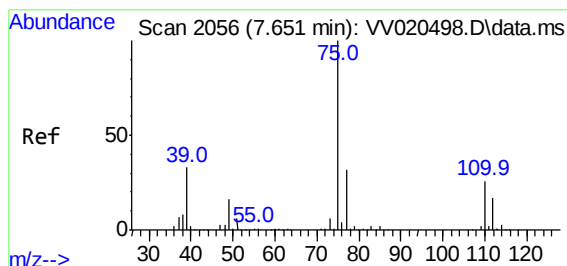
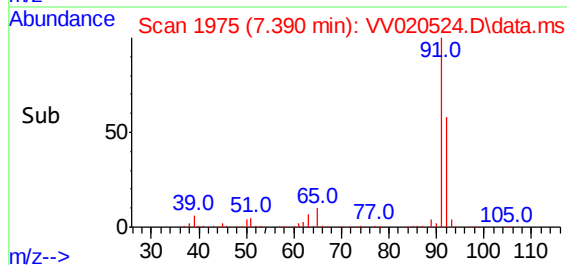
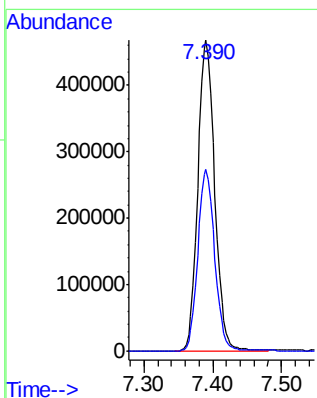
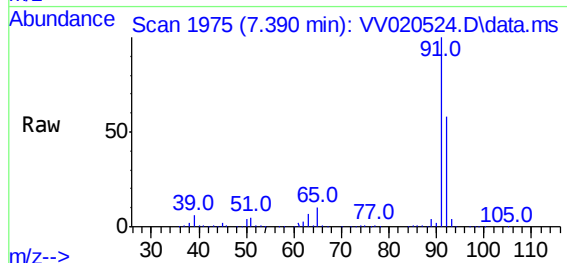




#42
Toluene
Concen: 47.81 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

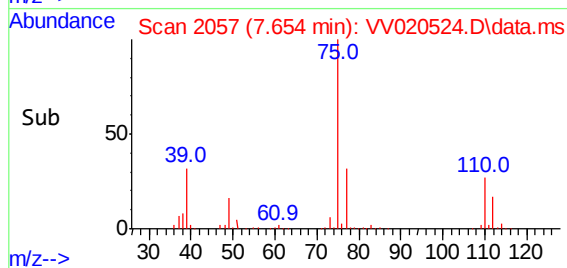
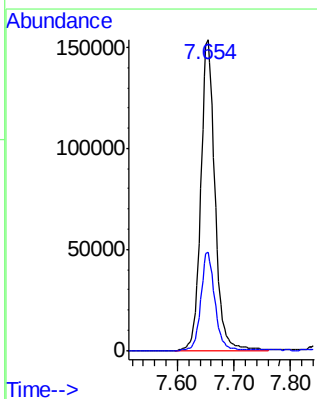
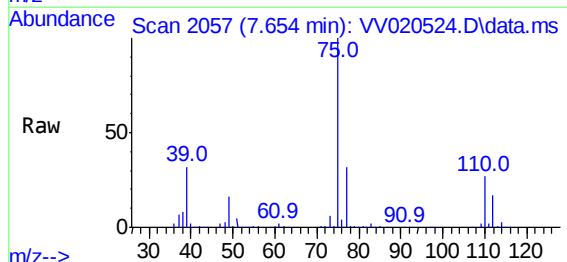
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

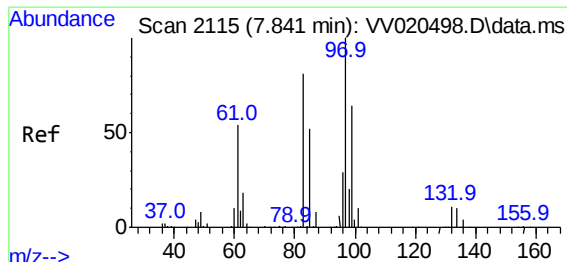
Tgt Ion: 91 Resp: 798491
Ion Ratio Lower Upper
91 100
92 58.4 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 47.23 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 75 Resp: 264959
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0



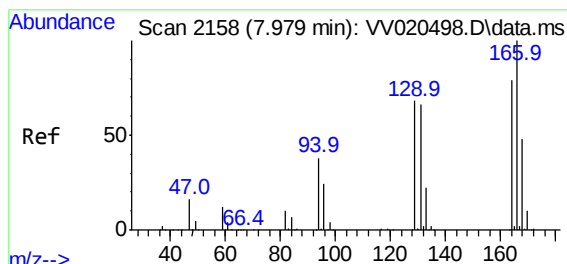
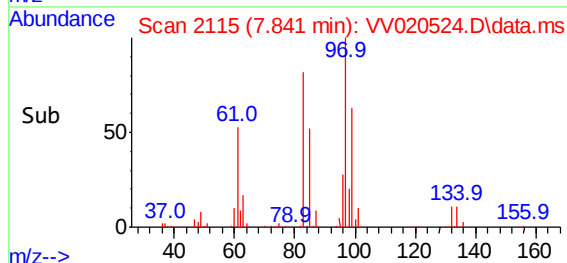
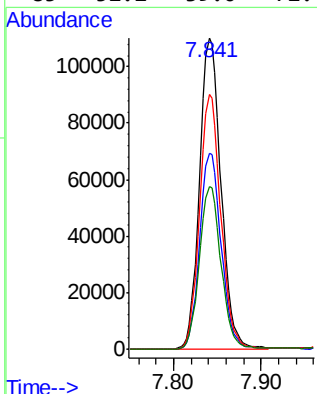
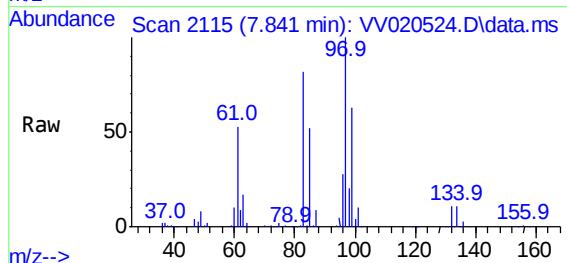


#45
1,1,2-Trichloroethane
Concen: 46.16 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Instrument :
MSVOA_V
ClientSampled :
VSTD05070

Tgt Ion: 97 Resp: 187255

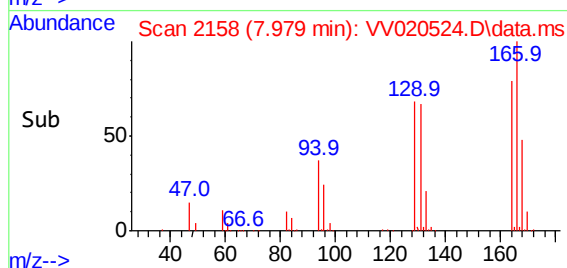
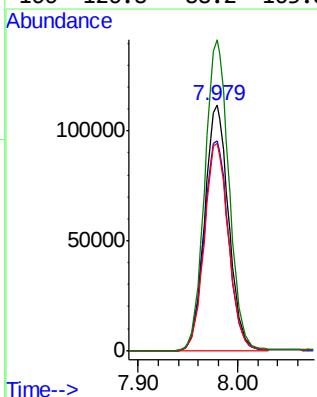
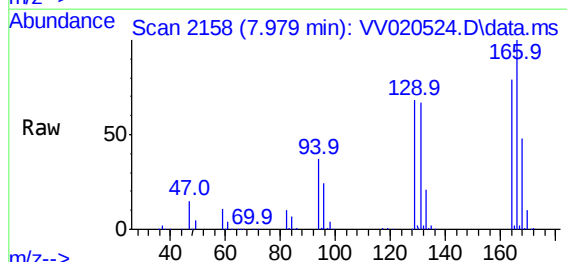
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	81.8	62.2	115.4
85	52.2	39.0	72.4

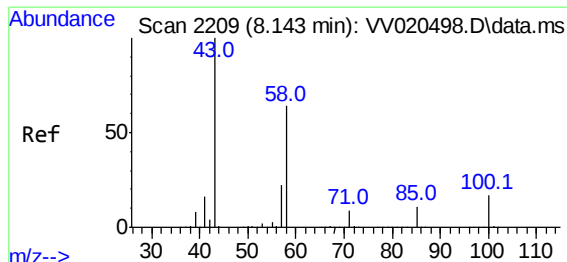


#46
Tetrachloroethene
Concen: 49.04 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 164 Resp: 185945

Ion	Ratio	Lower	Upper
164	100		
129	85.7	70.6	131.0
131	84.7	66.8	124.0
166	126.8	88.2	163.8

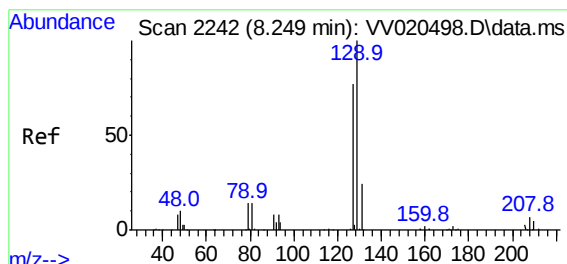
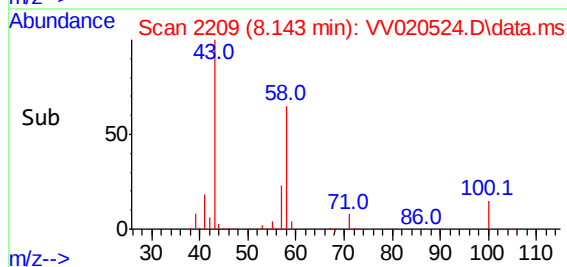
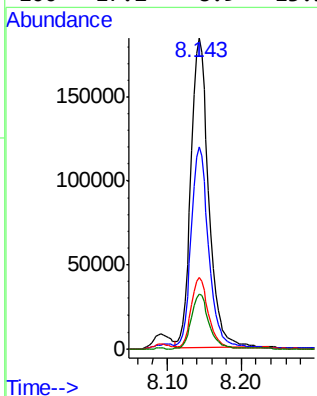
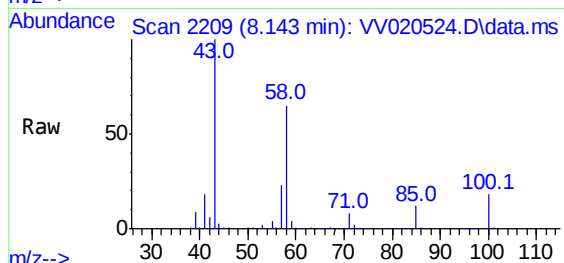




#48
2-Hexanone
Concen: 90.28 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

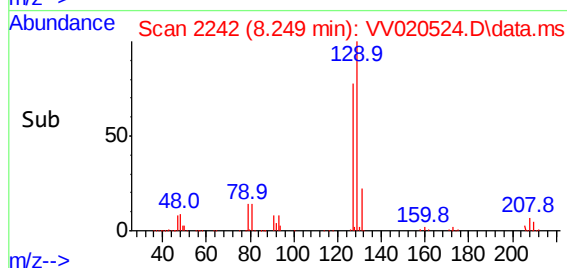
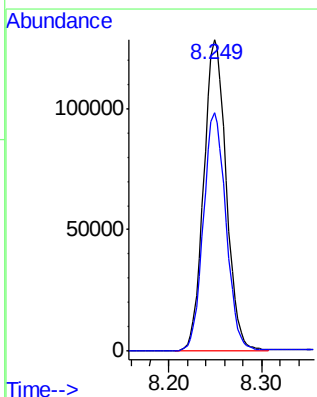
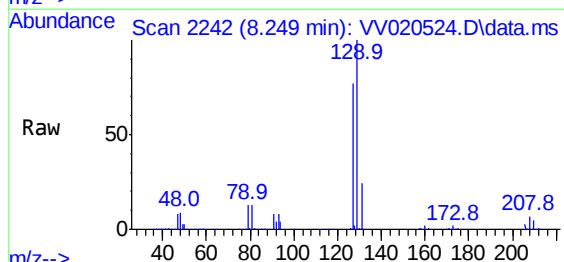
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

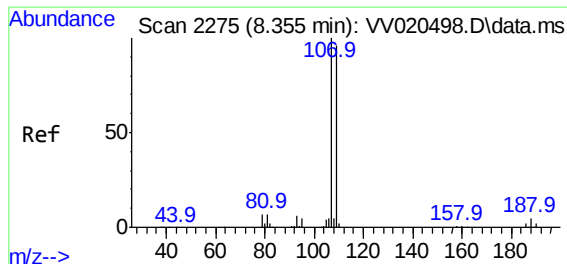
Tgt Ion: 43 Resp: 307801
Ion Ratio Lower Upper
43 100
58 64.9 41.8 62.6#
57 22.7 15.0 22.4#
100 17.2 8.9 13.3#



#49
Dibromochloromethane
Concen: 48.45 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 129 Resp: 215759
Ion Ratio Lower Upper
129 100
127 76.7 55.2 102.6

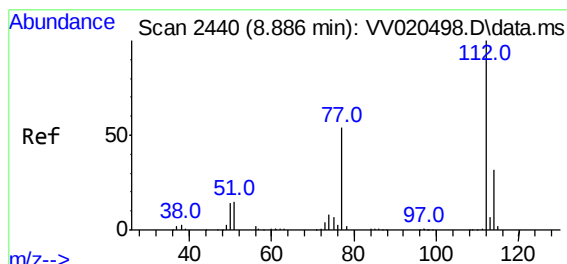
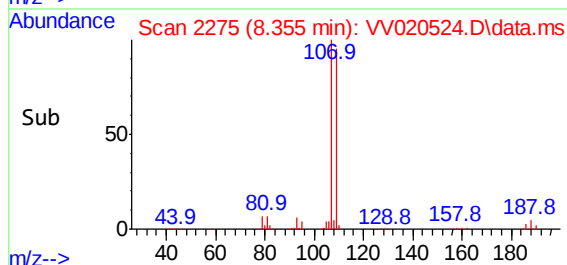
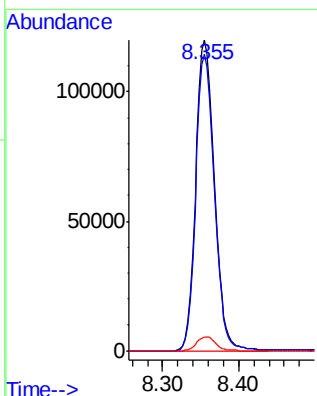
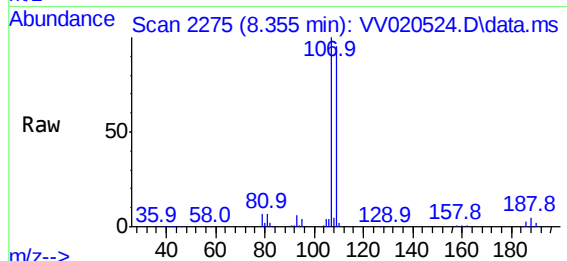




#50
1,2-Dibromoethane
Concen: 46.70 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

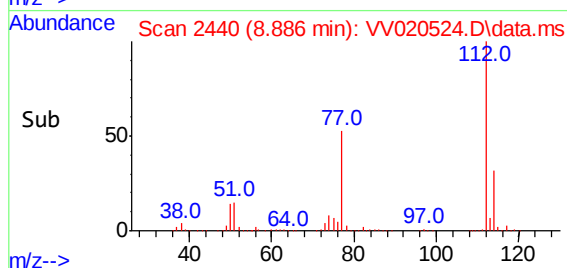
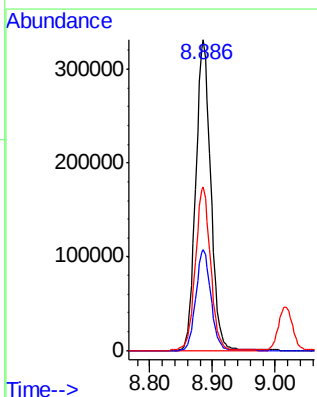
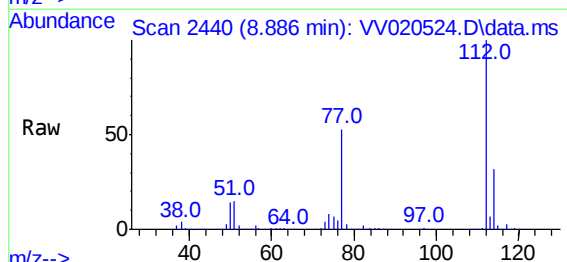
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

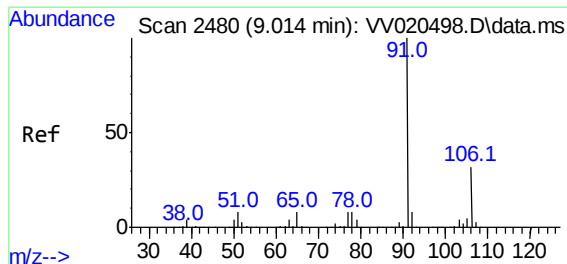
Tgt Ion:107 Resp: 204567
Ion Ratio Lower Upper
107 100
109 95.4 66.2 123.0
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 46.63 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:112 Resp: 548168
Ion Ratio Lower Upper
112 100
114 32.5 22.2 41.2
77 52.7 49.0 73.6

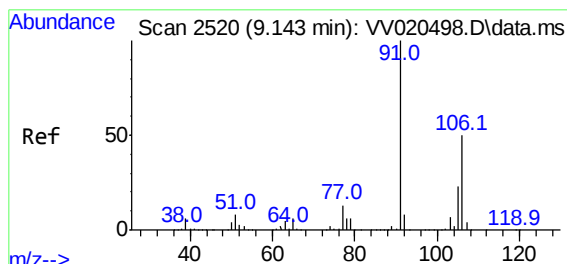
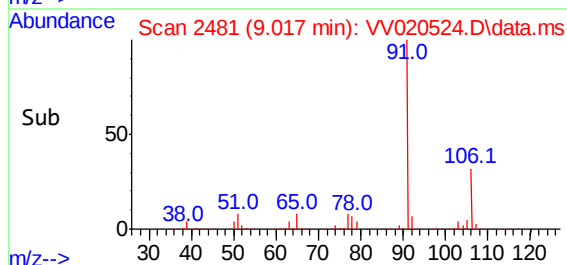
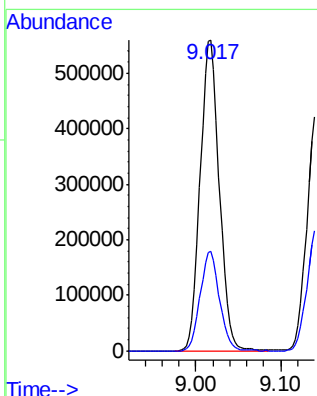
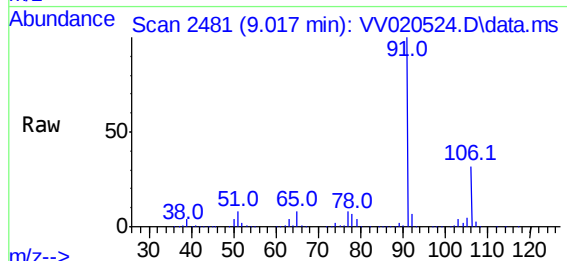




#52
Ethylbenzene
Concen: 47.49 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

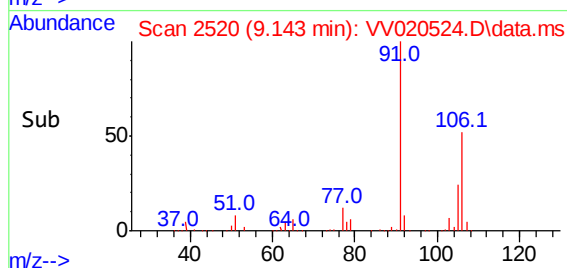
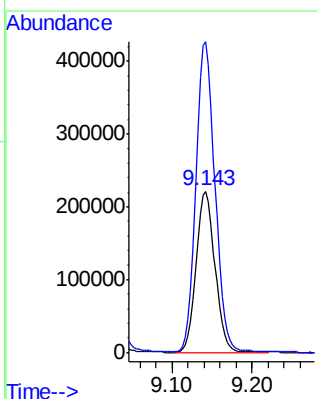
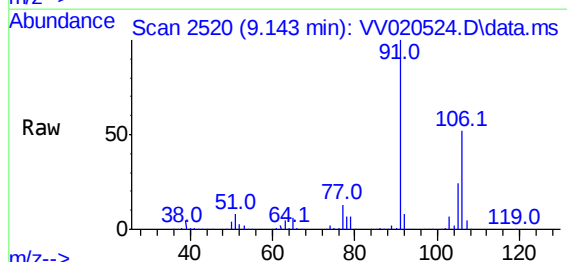
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

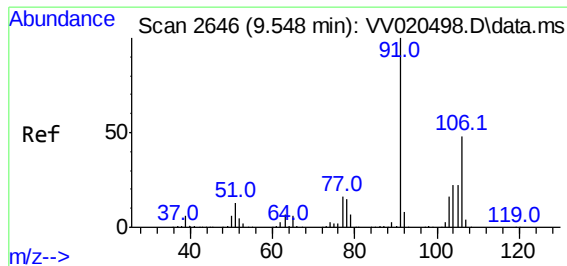
Tgt Ion: 91 Resp: 871741
Ion Ratio Lower Upper
91 100
106 32.0 21.0 39.0



#53
m,p-Xylene
Concen: 48.90 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 106 Resp: 350306
Ion Ratio Lower Upper
106 100
91 192.4 148.1 275.0

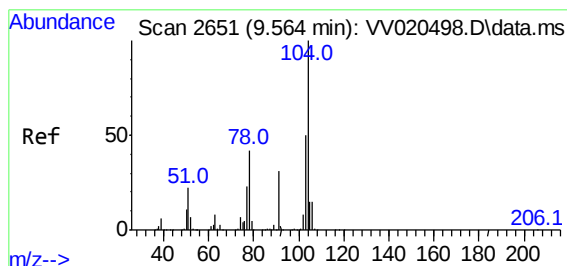
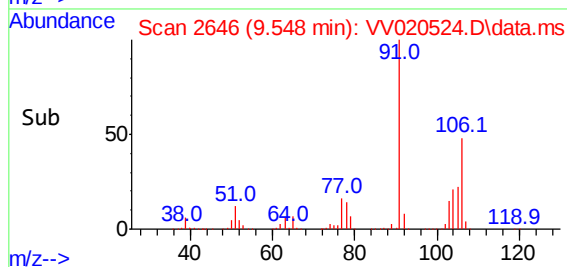
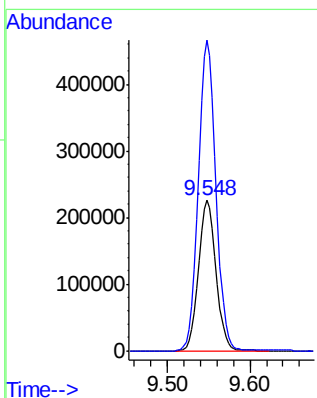
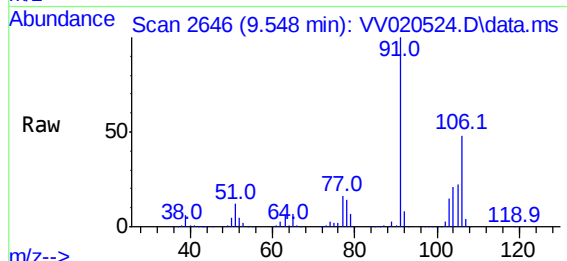




#54
o-xylene
Concen: 48.78 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

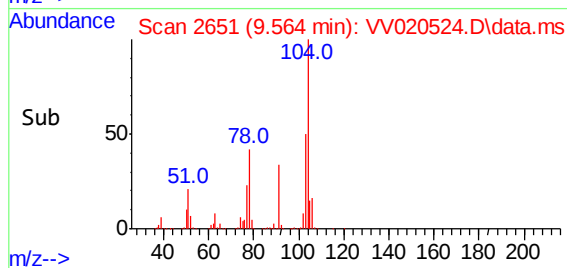
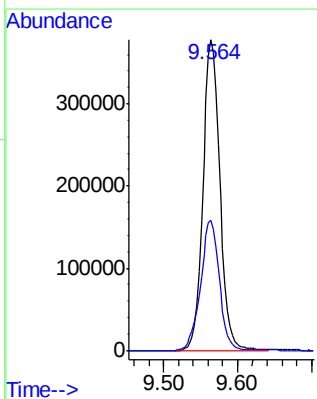
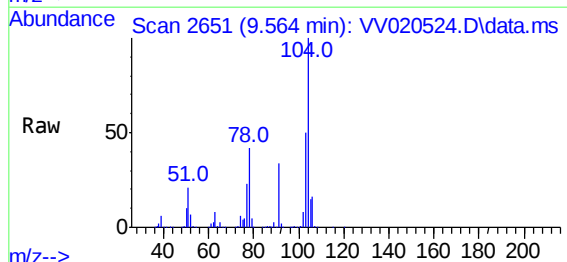
Instrument :
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ClientSampleId :
VSTD05070

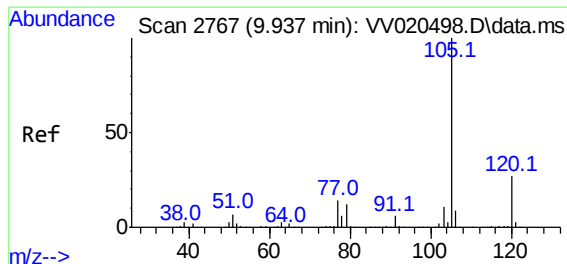
Tgt Ion:106 Resp: 336421
Ion Ratio Lower Upper
106 100
91 206.9 156.4 290.6



#55
Styrene
Concen: 50.31 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:104 Resp: 597561
Ion Ratio Lower Upper
104 100
78 41.9 33.7 62.5

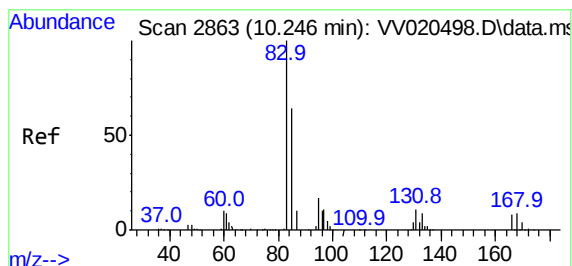
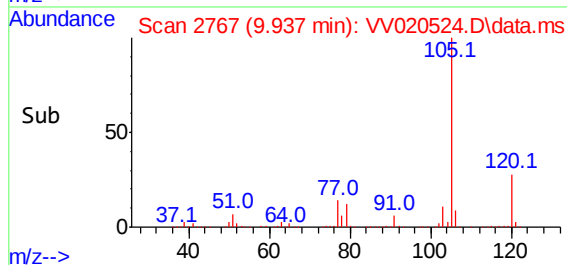
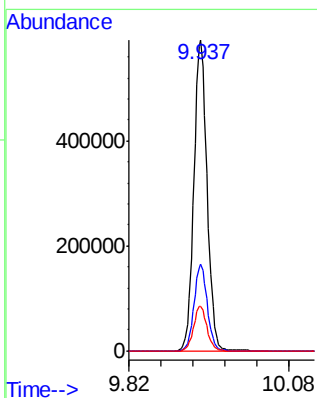
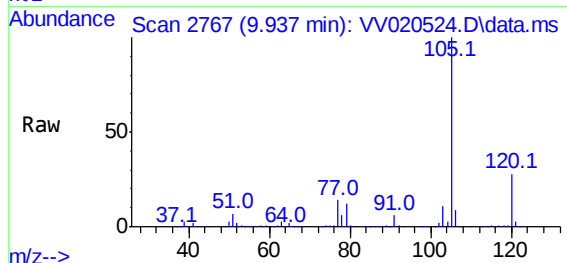




#56
Isopropylbenzene
Concen: 48.92 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

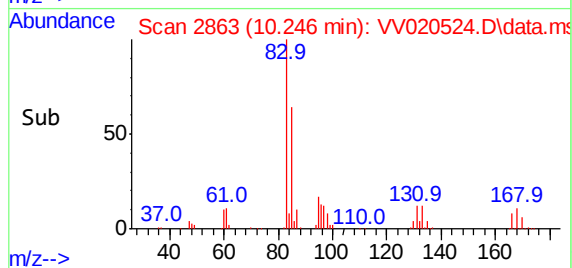
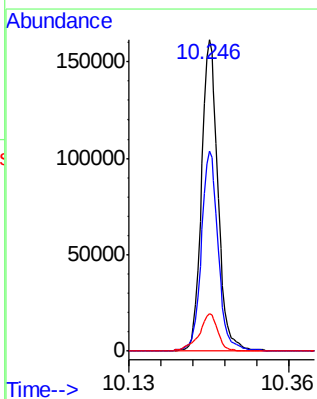
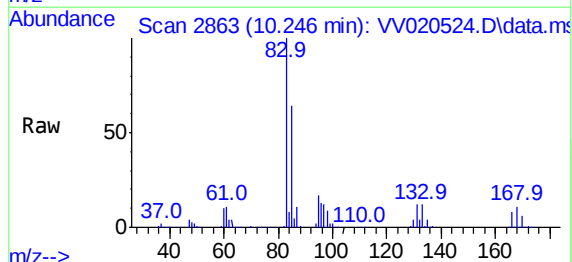
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

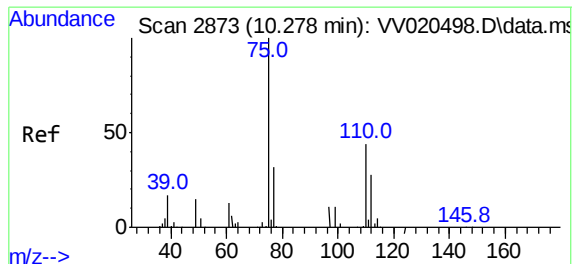
Tgt Ion:105 Resp: 891779
Ion Ratio Lower Upper
105 100
120 27.8 20.5 30.7
77 14.5 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 46.15 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 83 Resp: 256651
Ion Ratio Lower Upper
83 100
85 64.3 44.3 82.3
131 11.8 7.3 10.9#

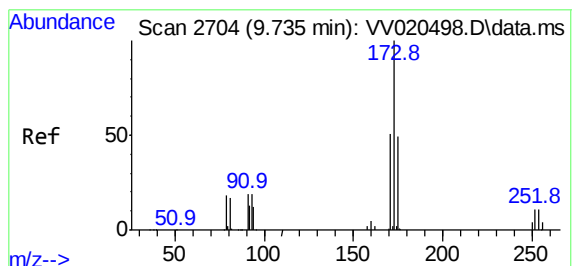
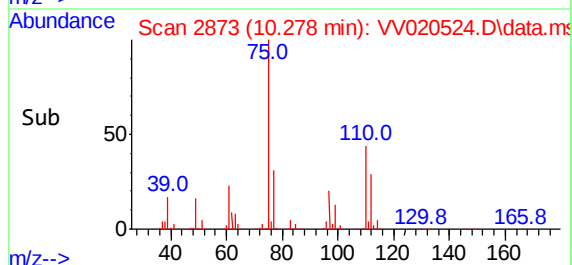
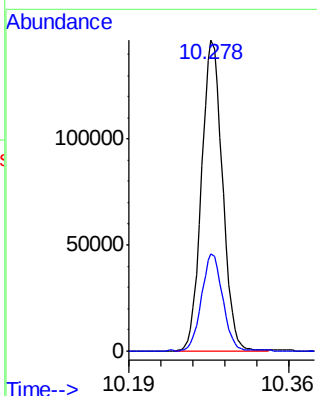
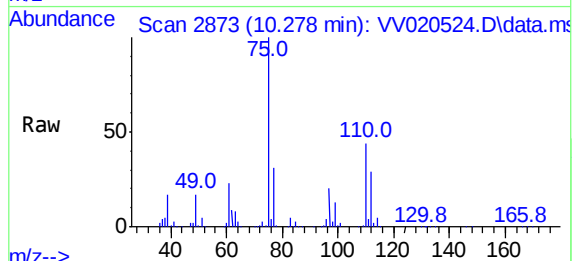




#59
1,2,3-Trichloropropane
Concen: 45.09 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

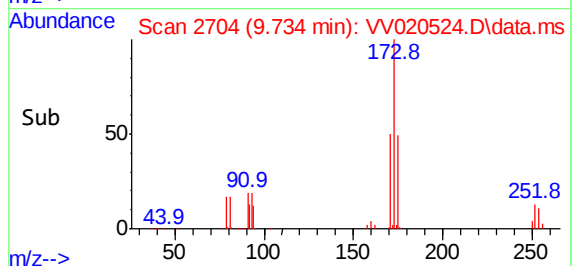
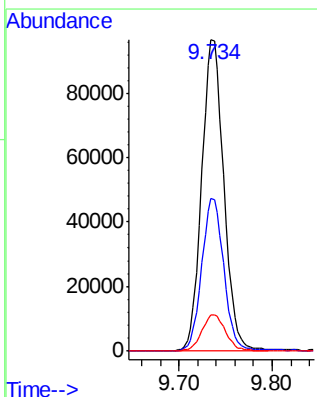
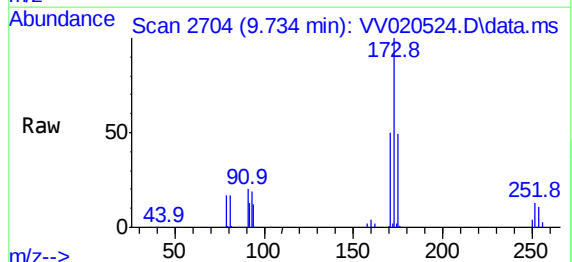
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

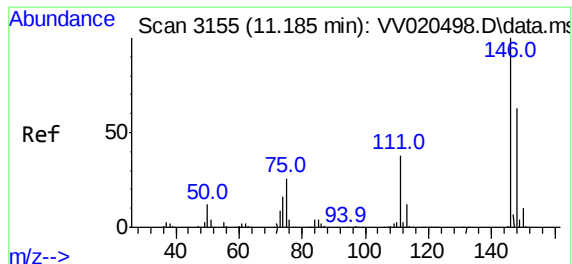
Tgt Ion: 75 Resp: 229289
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#61
Bromoform
Concen: 46.31 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:173 Resp: 159314
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 12.0 6.5 9.7#

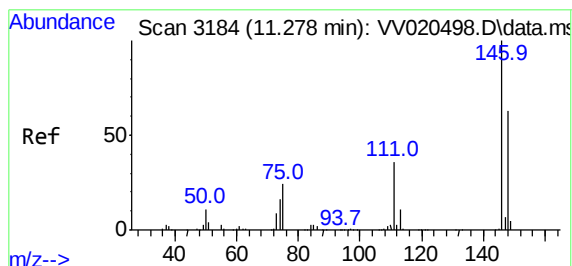
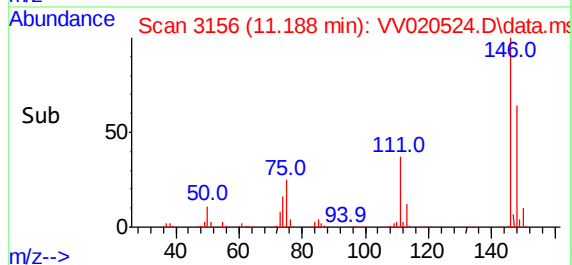
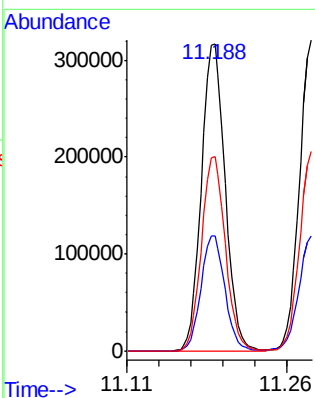
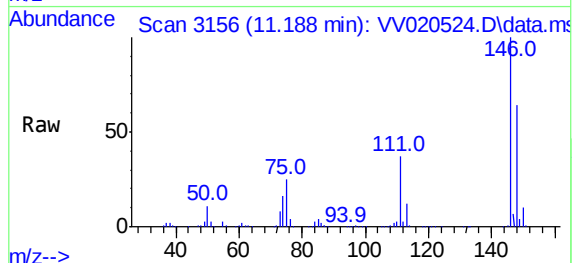




#62
1,3-Dichlorobenzene
Concen: 46.96 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

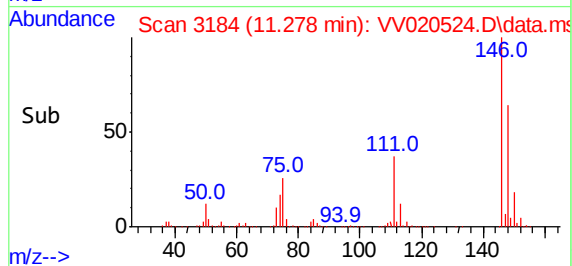
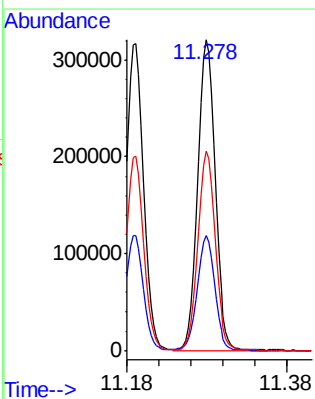
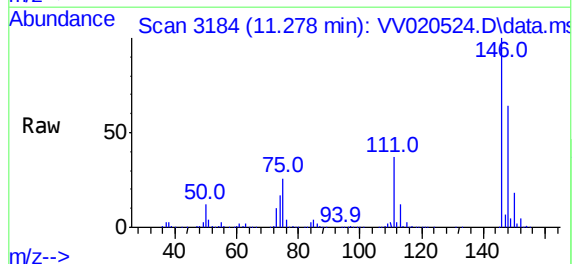
Instrument :
MSVOA_V
ClientSampled :
VSTD05070

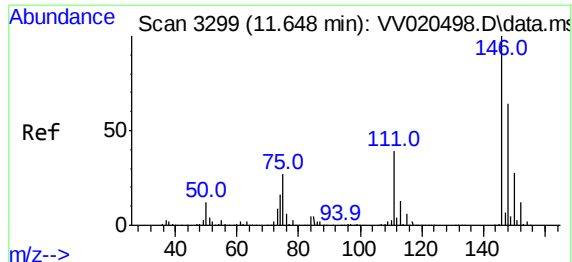
Tgt Ion:146 Resp: 484375
Ion Ratio Lower Upper
146 100
111 37.4 30.2 56.2
148 63.5 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 45.99 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:146 Resp: 495685
Ion Ratio Lower Upper
146 100
111 36.9 29.4 54.6
148 64.0 44.7 83.1

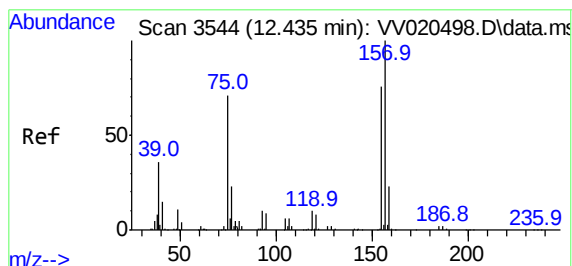
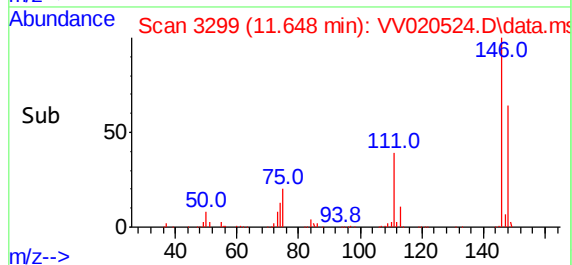
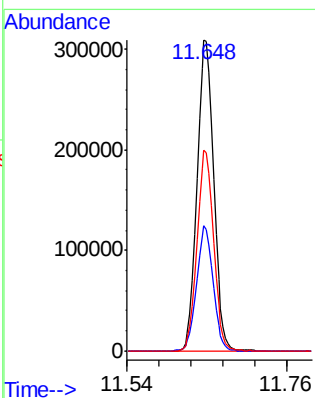
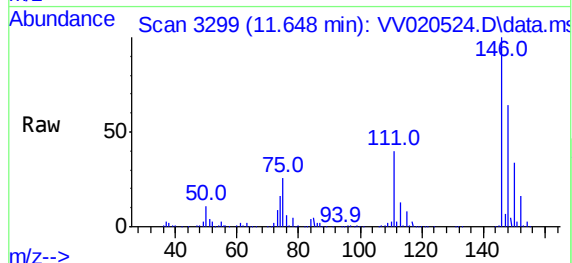




#65
1,2-Dichlorobenzene
Concen: 46.41 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

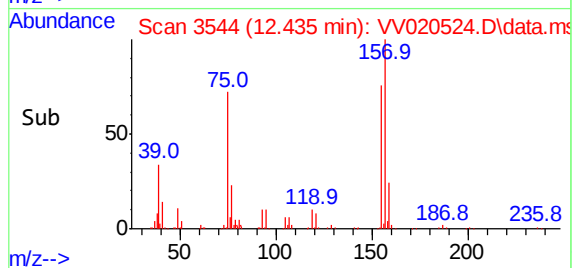
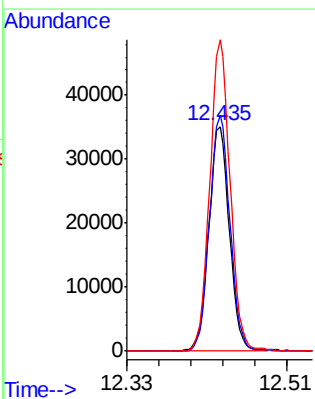
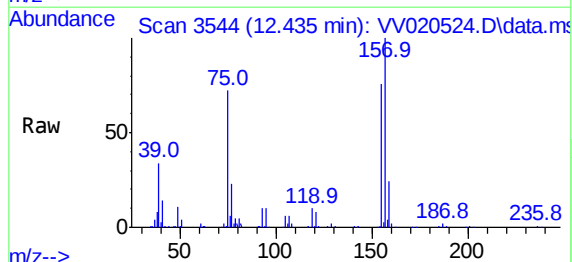
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

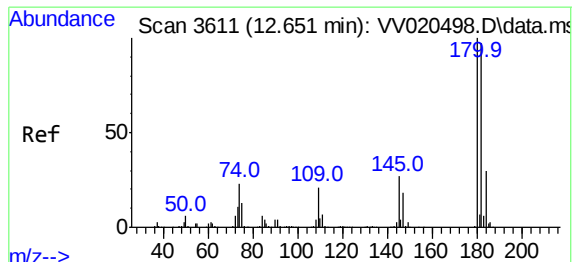
Tgt Ion:146 Resp: 484498
Ion Ratio Lower Upper
146 100
111 40.2 36.3 54.5
148 64.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 43.74 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion: 75 Resp: 54804
Ion Ratio Lower Upper
75 100
155 104.8 59.1 88.7#
157 138.5 75.4 113.0#

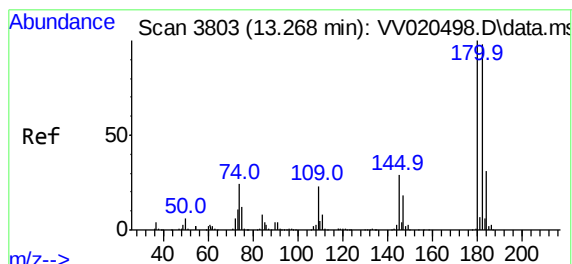
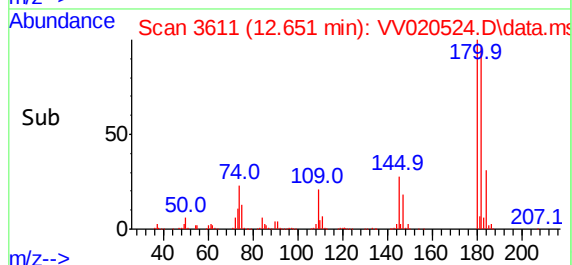
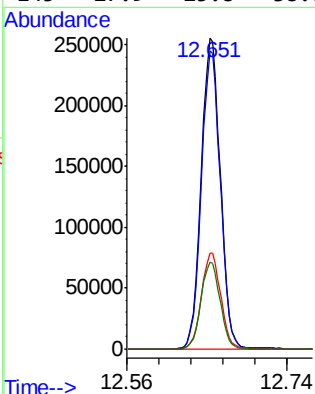
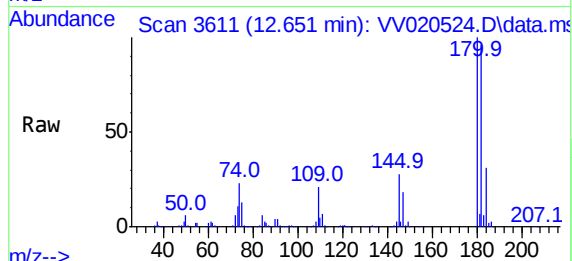




#67
1,3,5-Trichlorobenzene
Concen: 47.98 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

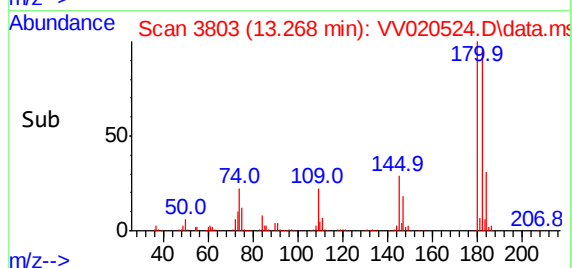
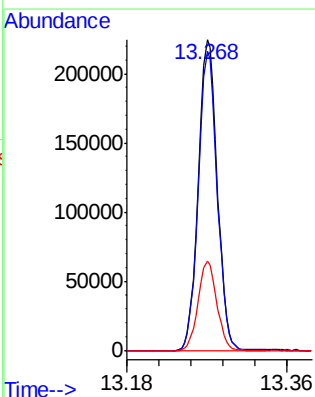
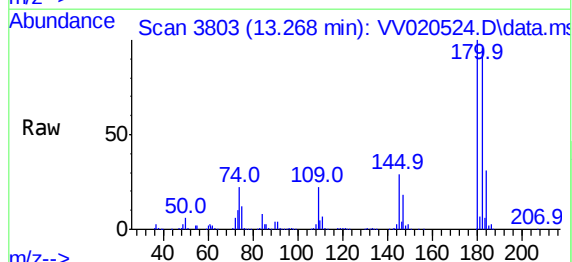
Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

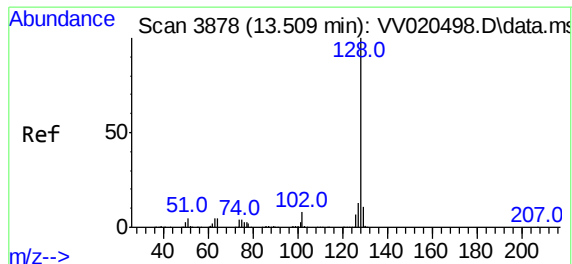
Tgt Ion:180 Resp: 386322
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
184 30.9 24.0 36.0
145 27.9 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 48.63 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:180 Resp: 337016
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 28.4 26.8 40.2

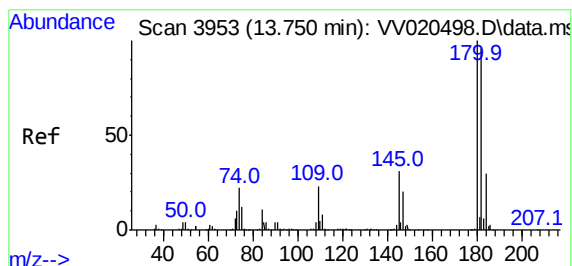
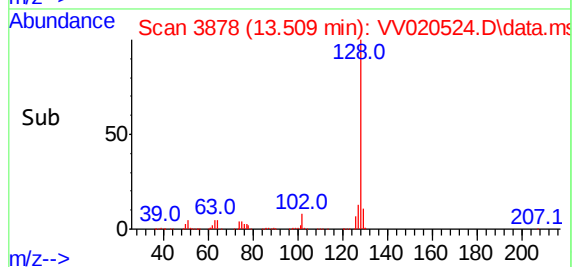
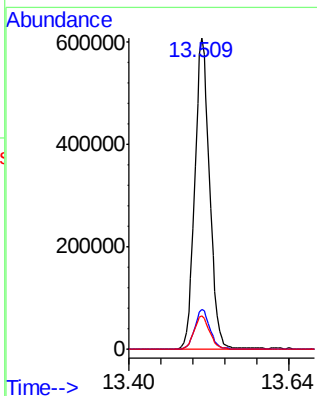
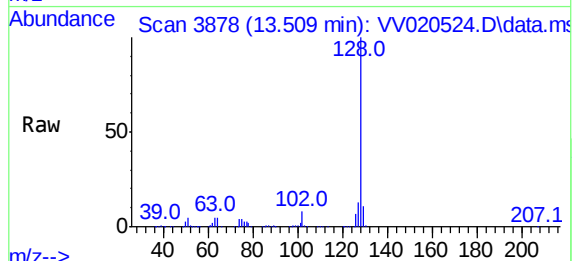




#69
Naphthalene
Concen: 48.84 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05070

Tgt Ion:128 Resp: 905892
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 48.57 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020524.D
Acq: 11 Mar 2021 09:38

Tgt Ion:180 Resp: 341547
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 29.6 27.9 41.9

