

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021521\
 Data File : VW020319.D
 Acq On : 15 Feb 2021 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Feb 16 00:09:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:14:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	590892	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	576903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	322715	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168969	39.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.44%		
7) Chloroethane-d5	1.568	69	152942	43.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.54%		
11) 1,1-Dichloroethene-d2	2.111	63	357612	43.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.82%		
21) 2-Butanone-d5	3.883	46	233372	96.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.96%		
24) Chloroform-d	4.349	84	351399	45.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.68%		
26) 1,2-Dichloroethane-d4	5.030	65	225518	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.80%		
32) Benzene-d6	5.050	84	669638	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.60%		
36) 1,2-Dichloropropane-d6	6.072	67	210675	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.42%		
41) Toluene-d8	7.317	98	637507	45.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.78%		
43) trans-1,3-Dichloroprop...	7.622	79	105112	46.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.42%		
47) 2-Hexanone-d5	8.088	63	176723	95.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.20%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	307292	47.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.92%		
64) 1,2-Dichlorobenzene-d4	11.631	152	280458	45.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.86%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	253310	48.21	ug/L	100
3) Chloromethane	1.243	50	217520	46.57	ug/L	98
5) Vinyl chloride	1.310	62	243326	48.39	ug/L	99
6) Bromomethane	1.523	94	155328	49.42	ug/L	97
8) Chloroethane	1.584	64	158650	50.44	ug/L	99
9) Trichlorofluoromethane	1.754	101	350845	49.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	198779	52.27	ug/L	93
12) 1,1-Dichloroethene	2.117	96	183055	49.94	ug/L	85
13) Acetone	2.175	43	185187	108.99	ug/L	93
14) Carbon disulfide	2.294	76	502865	46.55	ug/L	99
15) Methyl Acetate	2.429	43	178754	49.45	ug/L	92
16) Methylene chloride	2.506	84	199790	49.76	ug/L	89
17) trans-1,2-Dichloroethene	2.760	96	189473	49.86	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	569216	49.32	ug/L	96
19) 1,1-Dichloroethane	3.191	63	346645	50.21	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	203512	49.79	ug/L	88
22) 2-Butanone	3.966	43	250516	103.68	ug/L	92
23) Bromochloromethane	4.246	128	110514	50.00	ug/L #	83
25) Chloroform	4.375	83	368799	51.02	ug/L	97
27) 1,2-Dichloroethane	5.130	62	284077	49.64	ug/L	98

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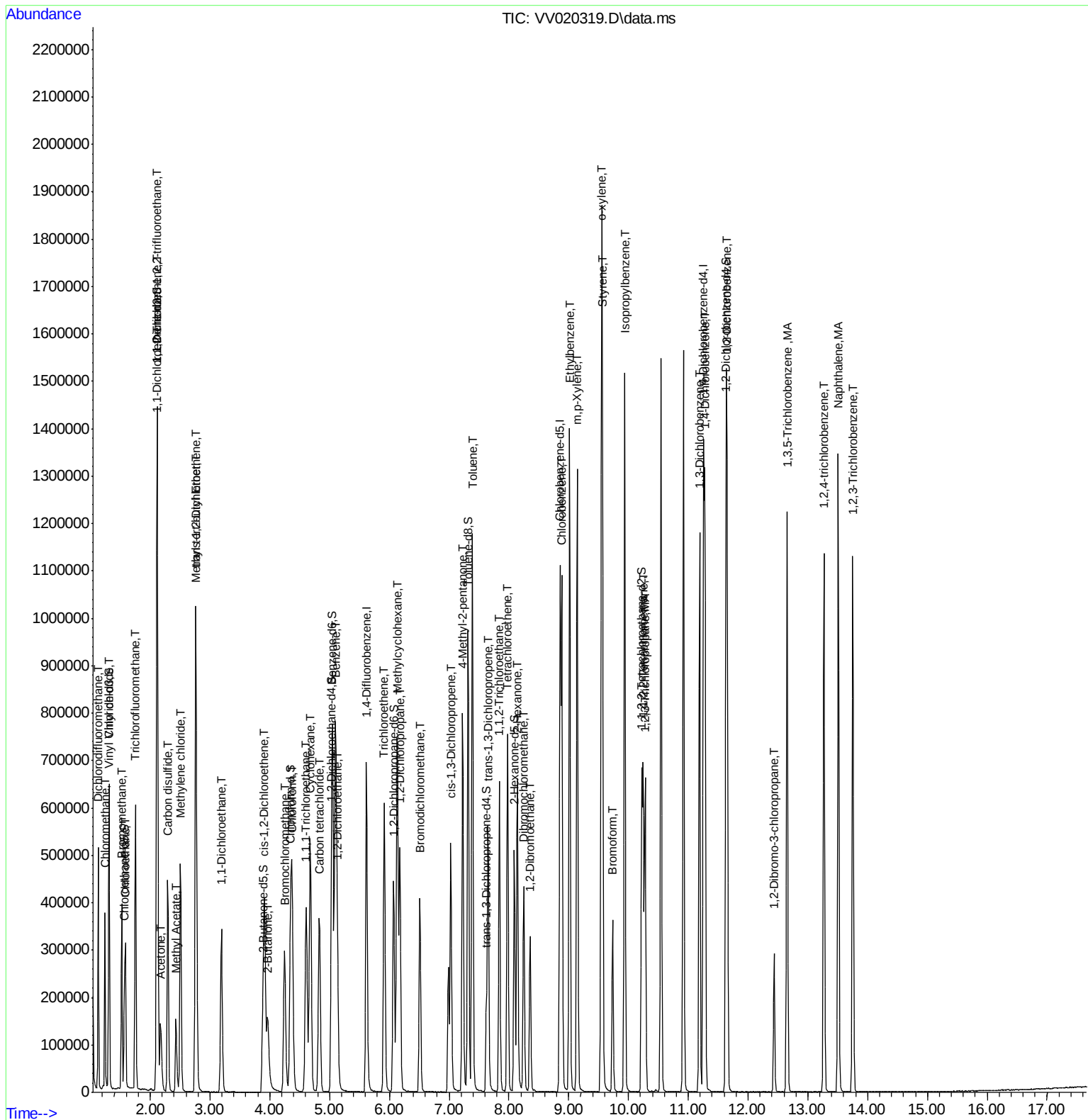
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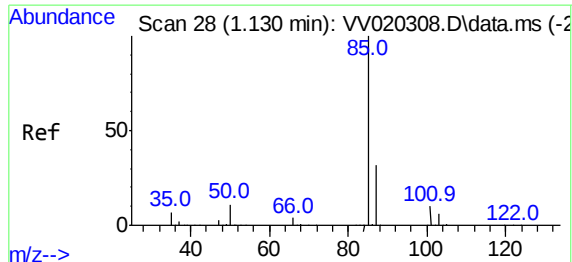
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	286442	48.97	ug/L	92
30) 1,1,1-Trichloroethane	4.609	97	319492	49.87	ug/L	97
31) Carbon tetrachloride	4.828	117	274866	49.34	ug/L	99
33) Benzene	5.098	78	773647	50.15	ug/L	100
34) Trichloroethene	5.915	95	209991	49.54	ug/L	94
35) Methylcyclohexane	6.133	83	322379	50.23	ug/L	93
37) 1,2-Dichloropropane	6.175	63	198105	50.70	ug/L	98
38) Bromodichloromethane	6.510	83	271710	50.59	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	315938	51.06	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	493331	100.14	ug/L #	94
42) Toluene	7.387	91	848429	50.00	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	306696	50.97	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	199704	49.66	ug/L	98
46) Tetrachloroethene	7.979	164	169195	48.84	ug/L	95
48) 2-Hexanone	8.140	43	382829	101.57	ug/L #	92
49) Dibromochloromethane	8.249	129	221133	49.84	ug/L	98
50) 1,2-Dibromoethane	8.355	107	211765	49.16	ug/L #	99
51) Chlorobenzene	8.886	112	559387	49.14	ug/L	96
52) Ethylbenzene	9.014	91	944049	50.38	ug/L	98
53) m,p-Xylene	9.140	106	360410	50.51	ug/L	96
54) o-xylene	9.548	106	349136	50.26	ug/L	95
55) Styrene	9.564	104	617925	51.69	ug/L	96
56) Isopropylbenzene	9.937	105	951210	51.03	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	310198	48.96	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	257217	49.10	ug/L	99
61) Bromoform	9.734	173	156235	47.58	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	468824	49.11	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	488369	49.89	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	473283	49.66	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	68755	47.02	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.654	180	379505	50.91	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	337090	50.96	ug/L	97
69) Naphthalene	13.509	128	990534	52.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	338494	51.40	ug/L	98

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

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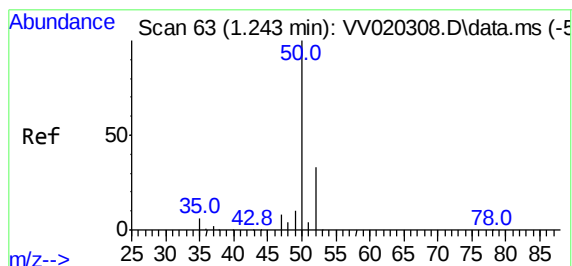
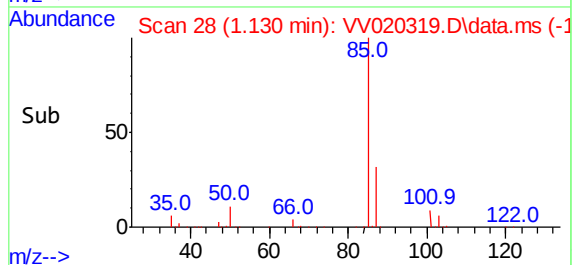
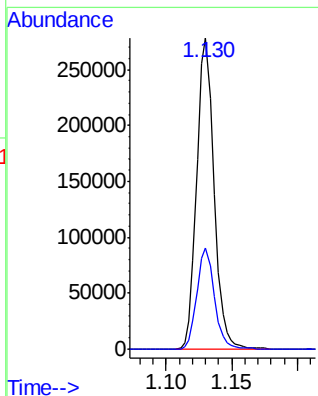
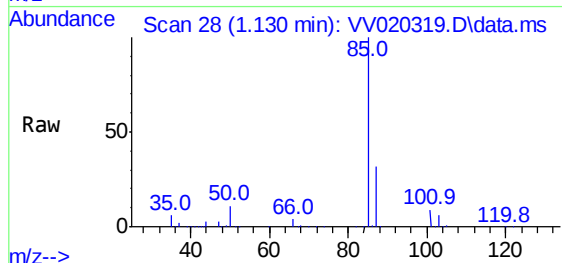


#2

Dichlorodifluoromethane
 Concen: 48.21 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

Instrument :
 MSVOA_V
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 VSTD05095

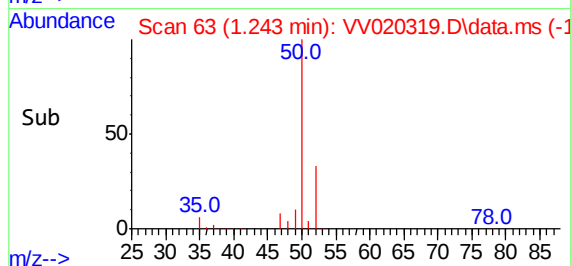
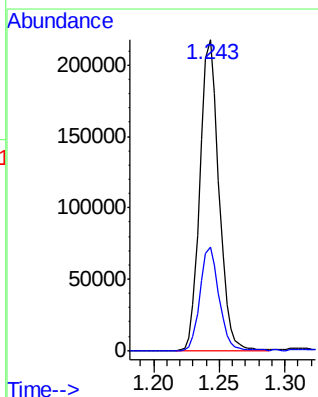
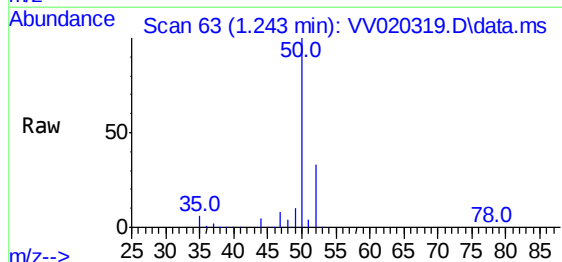
Tgt Ion: 85 Resp: 253310
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9

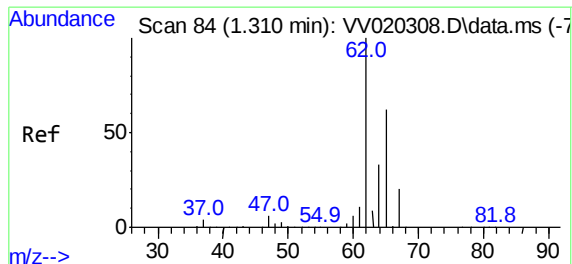


#3

Chloromethane
 Concen: 46.57 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

Tgt Ion: 50 Resp: 217520
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1

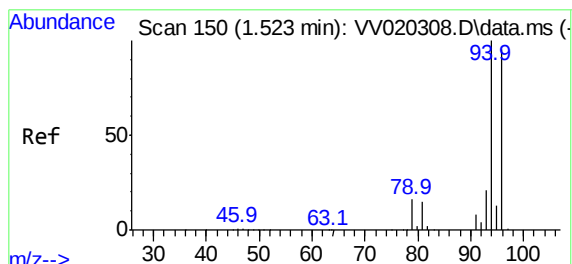
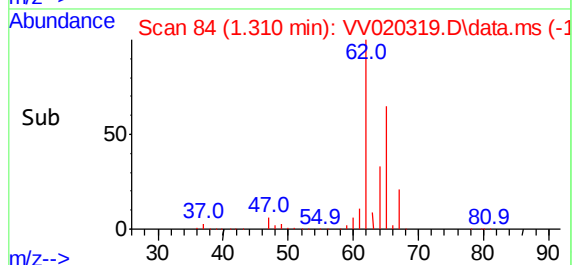
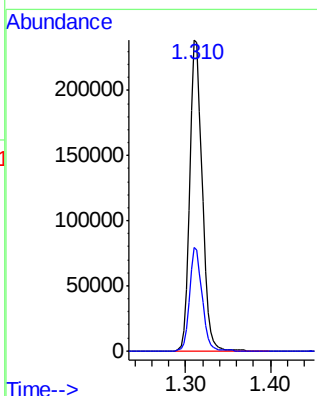
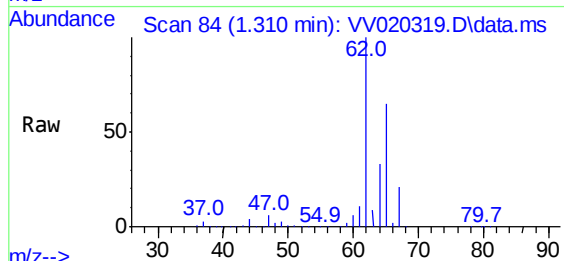




#5
 Vinyl chloride
 Concen: 48.39 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

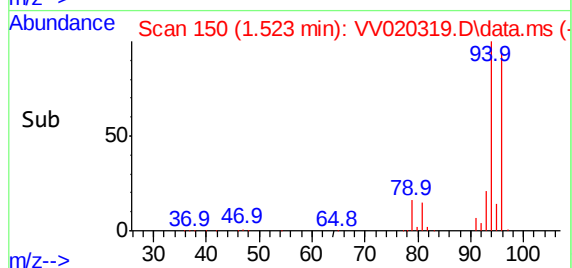
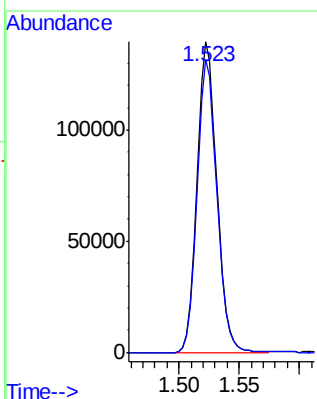
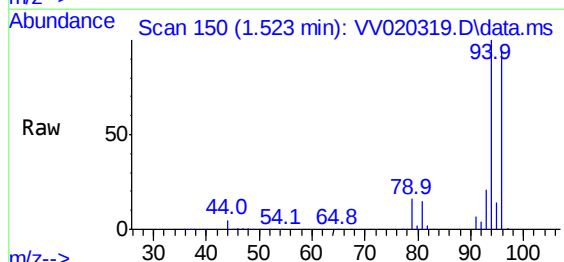
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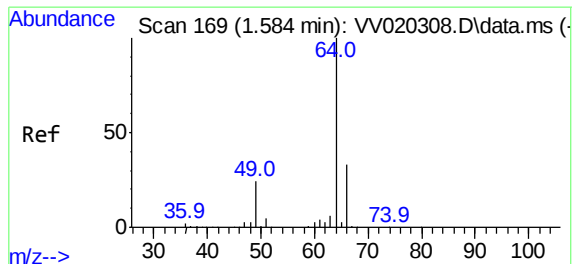
Tgt Ion: 62 Resp: 243326
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 49.42 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

Tgt Ion: 94 Resp: 155328
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.6 118.2

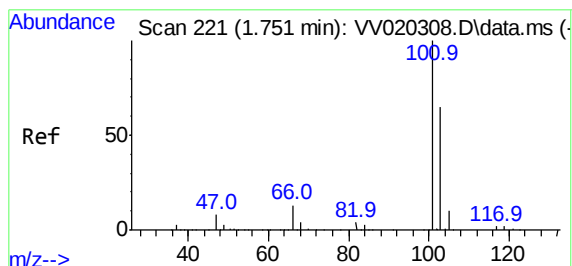
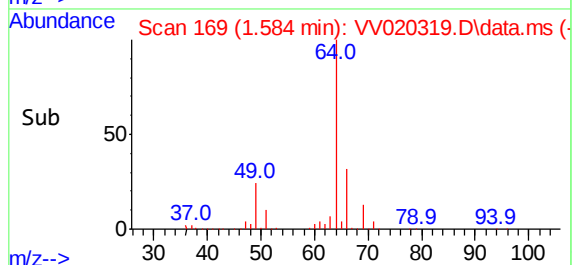
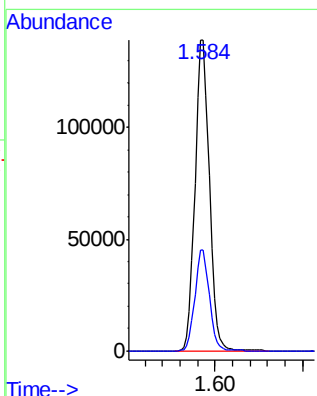
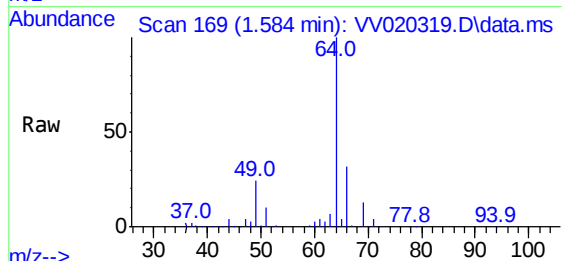




#8
Chloroethane
Concen: 50.44 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

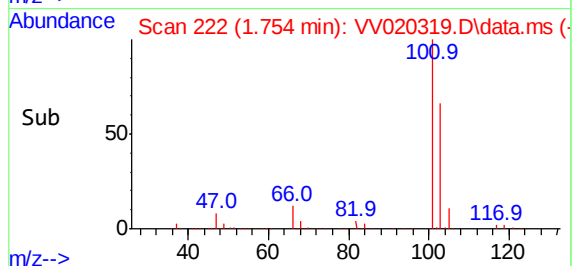
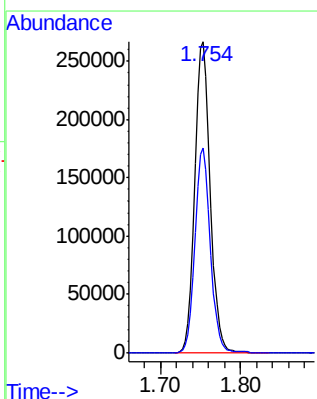
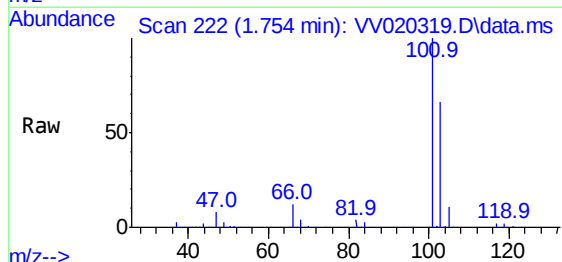
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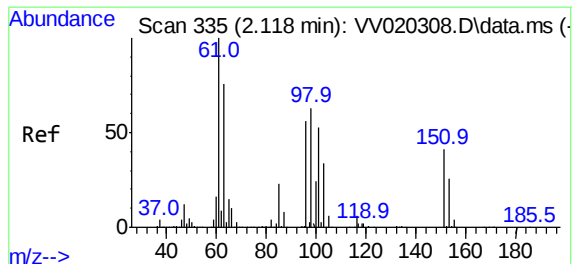
Tgt Ion: 64 Resp: 158650
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.10 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:101 Resp: 350845
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

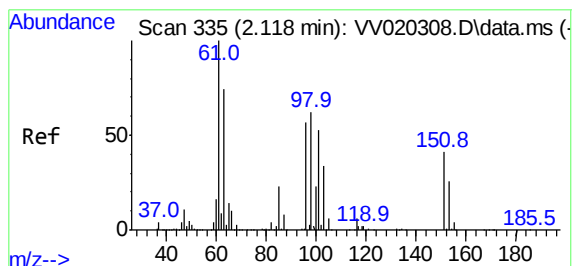
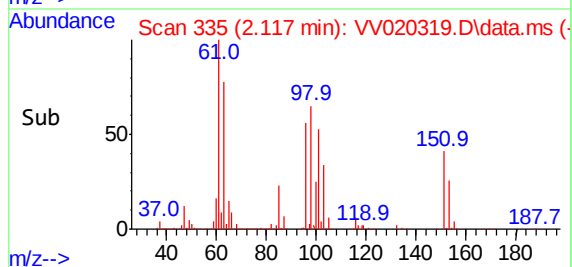
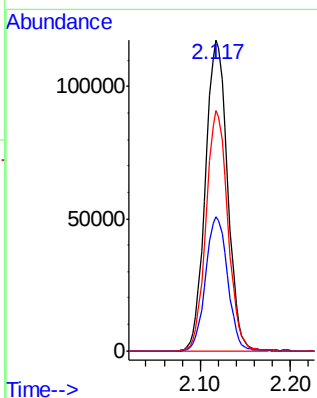
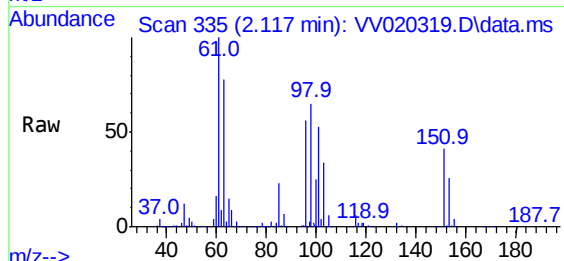




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.27 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

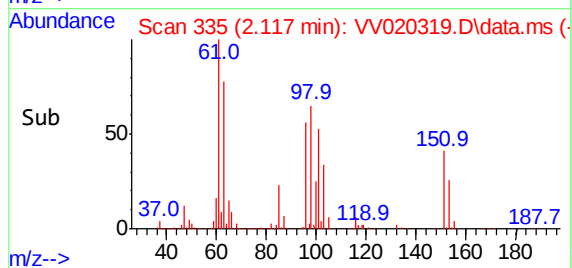
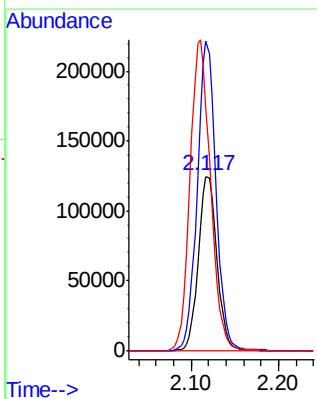
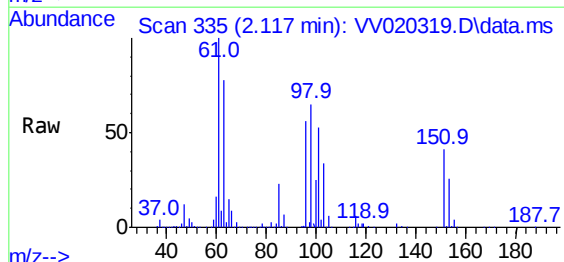
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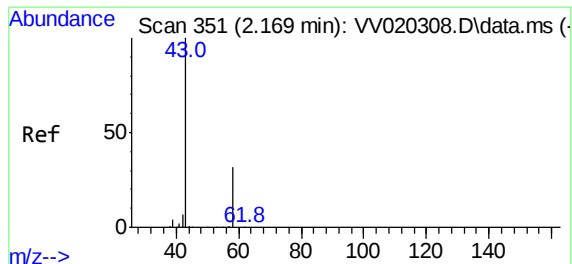
Tgt Ion:101 Resp: 198779
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.3 52.9
 151 76.0 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 49.94 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020319.D
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Tgt Ion: 96 Resp: 183055
 Ion Ratio Lower Upper
 96 100
 61 177.4 134.9 250.5
 63 139.2 117.6 218.4

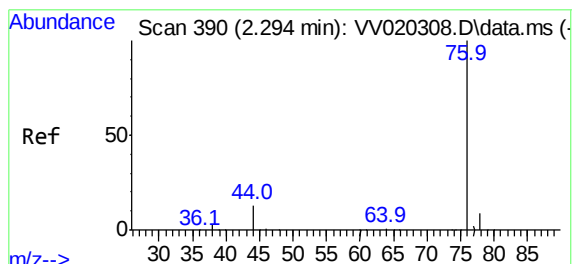
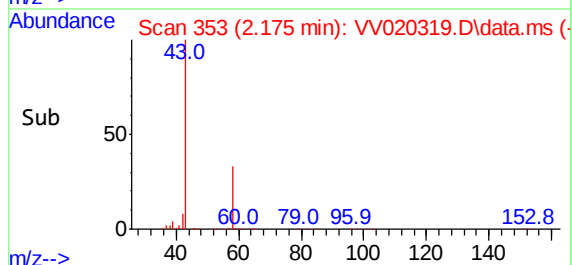
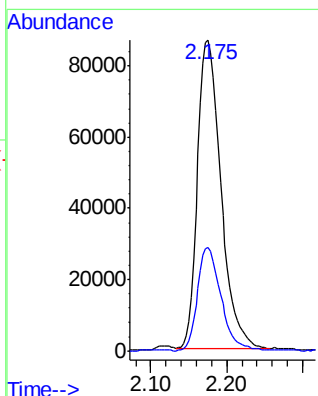
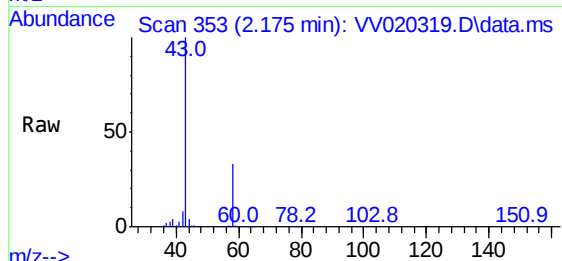




#13
Acetone
Concen: 108.99 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.006 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

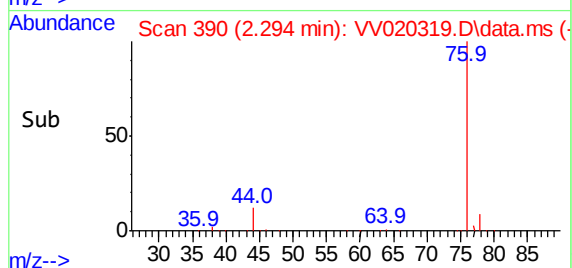
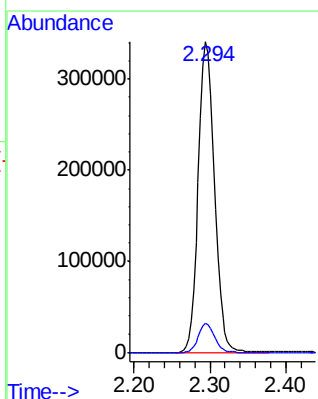
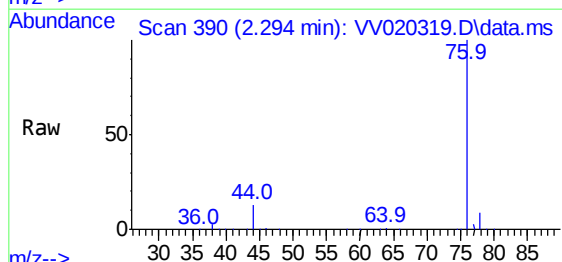
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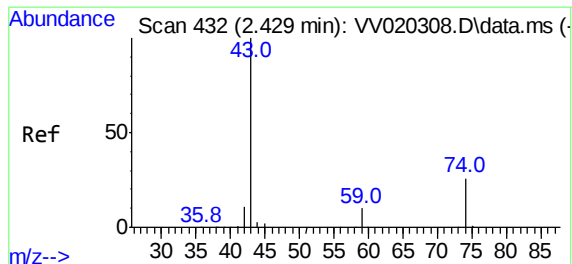
Tgt Ion: 43 Resp: 185187
Ion Ratio Lower Upper
43 100
58 33.7 0.0 60.2



#14
Carbon disulfide
Concen: 46.55 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 76 Resp: 502865
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

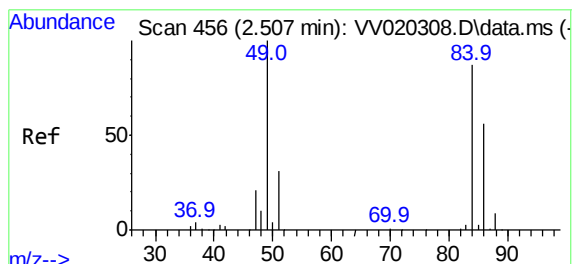
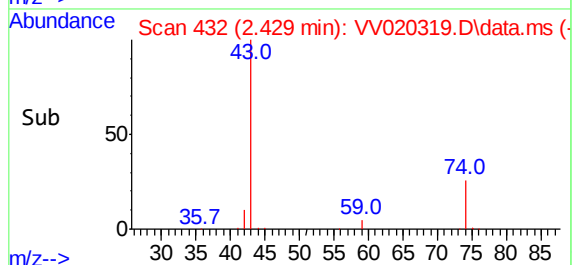
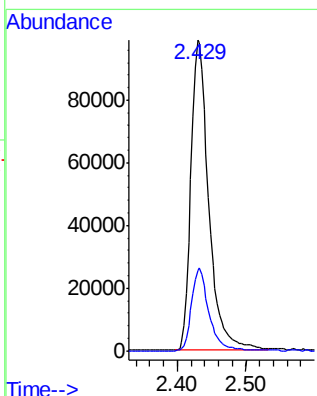
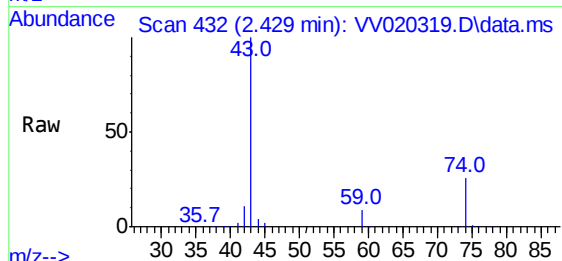




#15
Methyl Acetate
Concen: 49.45 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

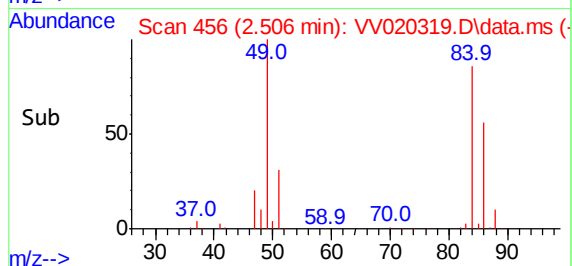
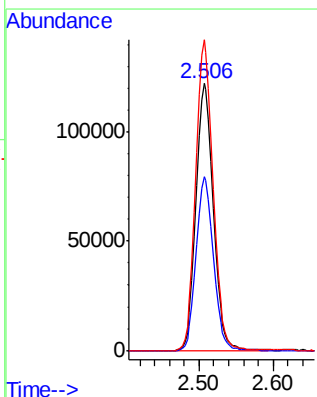
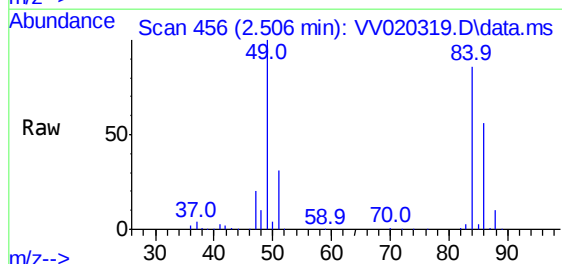
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

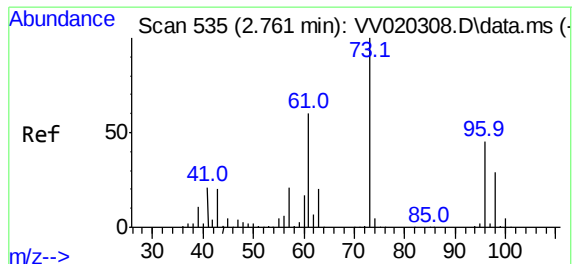
Tgt Ion: 43 Resp: 178754
Ion Ratio Lower Upper
43 100
74 25.7 17.6 26.4



#16
Methylene chloride
Concen: 49.76 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 84 Resp: 199790
Ion Ratio Lower Upper
84 100
86 65.2 44.6 82.8
49 116.4 94.6 175.8

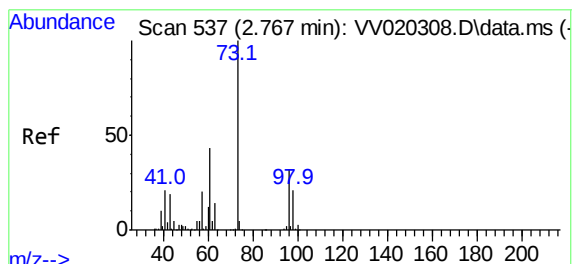
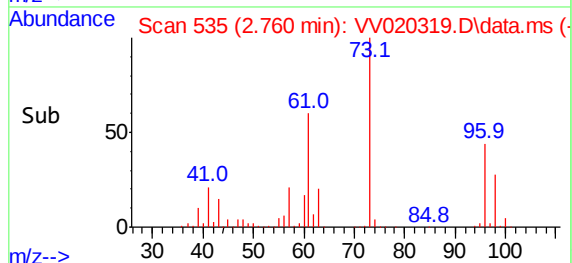
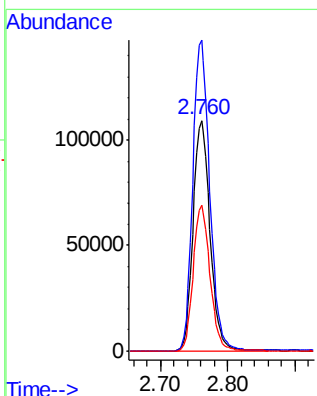
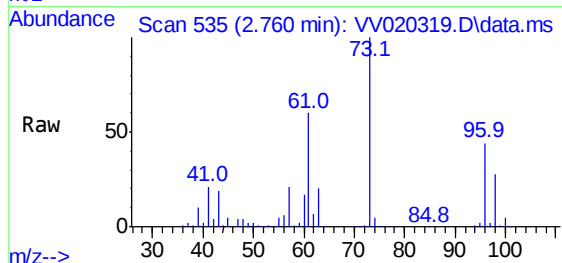




#17
trans-1,2-Dichloroethene
Concen: 49.86 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

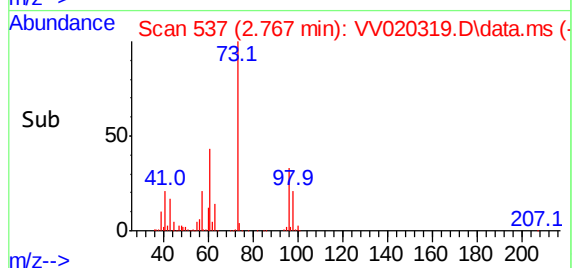
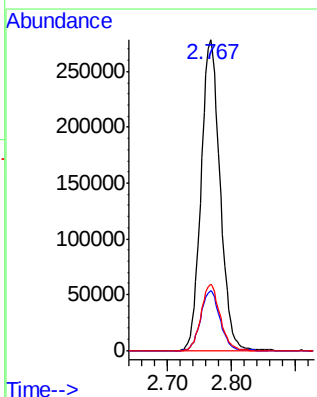
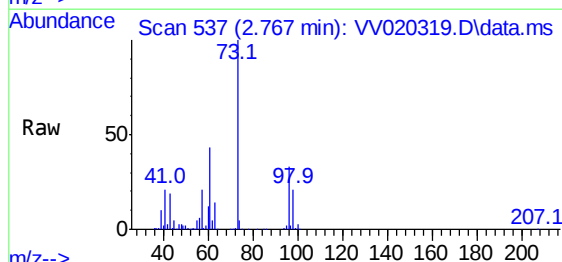
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

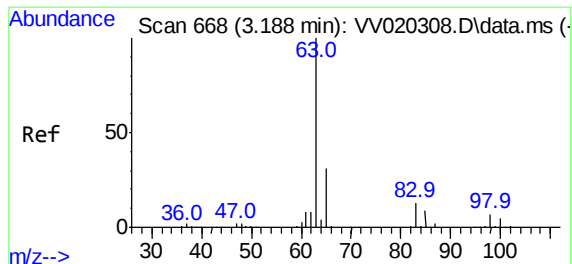
Tgt Ion: 96 Resp: 189473
Ion Ratio Lower Upper
96 100
61 134.8 103.1 191.5
98 63.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.32 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 73 Resp: 569216
Ion Ratio Lower Upper
73 100
43 19.3 17.3 25.9
57 21.2 17.9 26.9

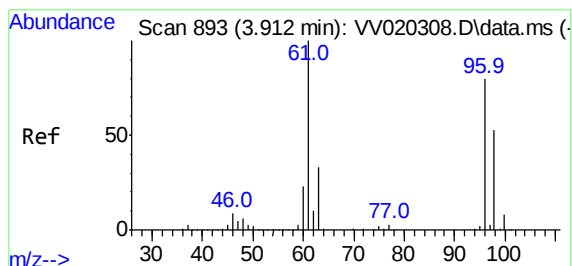
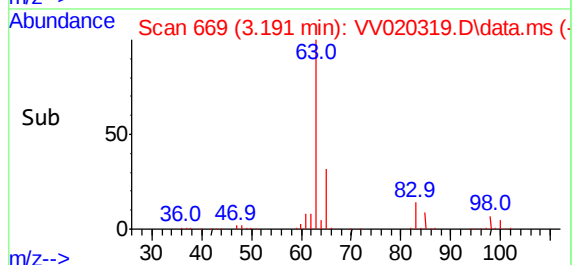
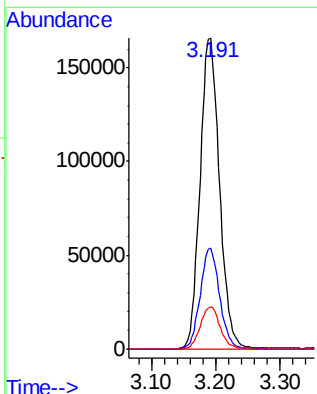
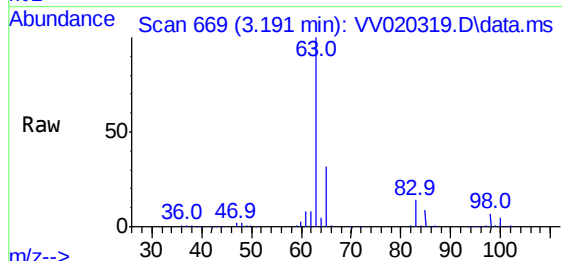




#19
1,1-Dichloroethane
Concen: 50.21 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

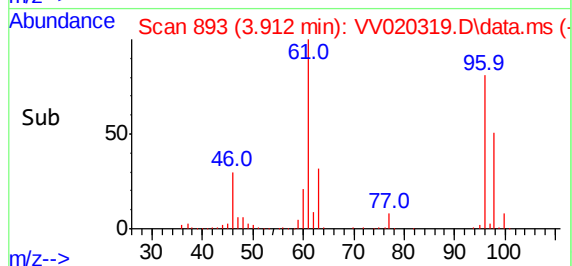
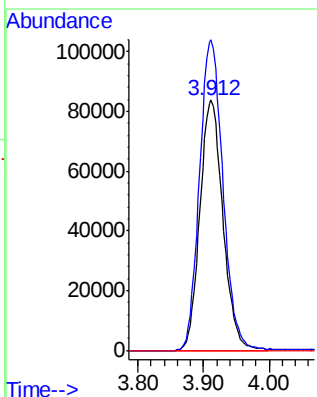
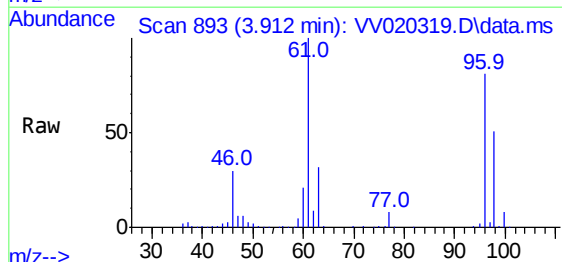
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

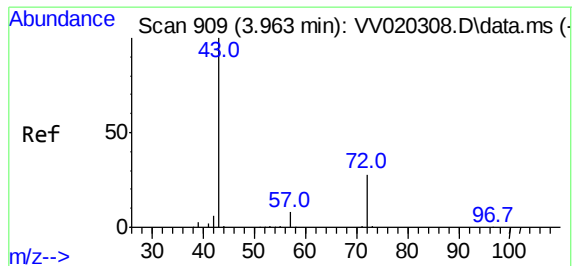
Tgt Ion: 63 Resp: 346645
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.79 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 96 Resp: 203512
Ion Ratio Lower Upper
96 100
61 124.1 96.9 179.9
68 0.0 0.0 0.0

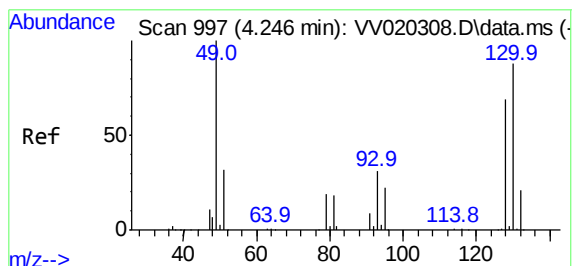
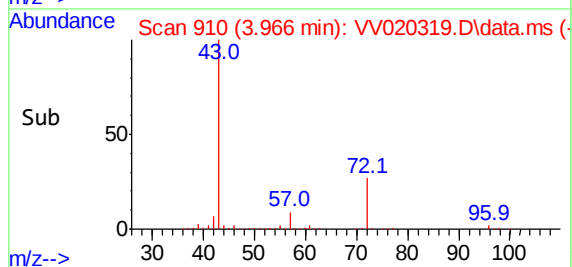
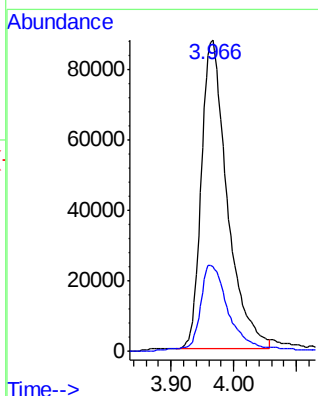
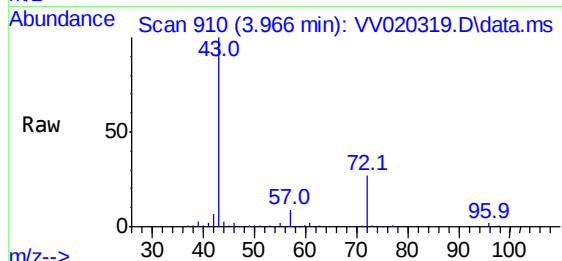




#22
2-Butanone
Concen: 103.68 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

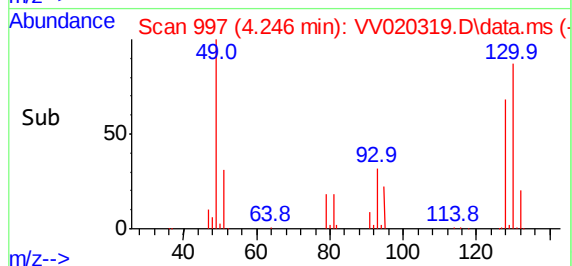
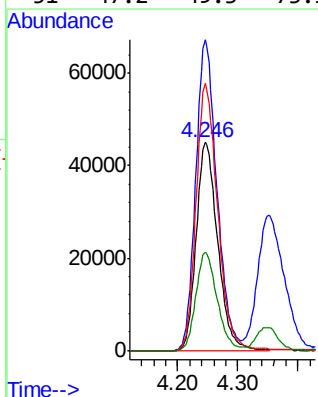
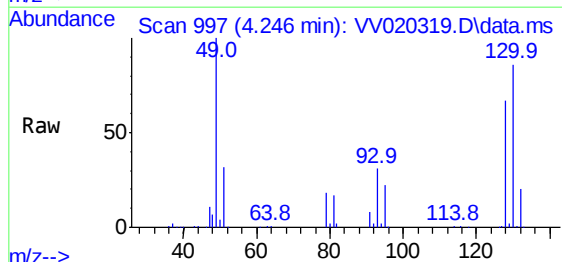
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

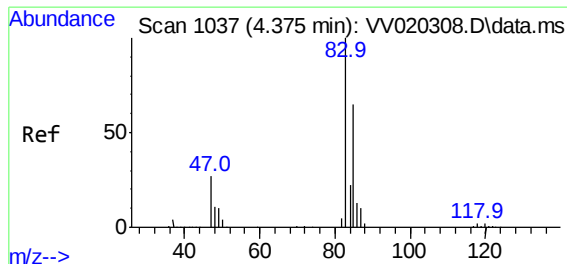
Tgt Ion: 43 Resp: 250516
Ion Ratio Lower Upper
43 100
72 28.5 12.2 36.6



#23
Bromochloromethane
Concen: 50.00 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 128 Resp: 110514
Ion Ratio Lower Upper
128 100
49 149.4 133.1 247.1
130 128.6 89.0 165.4
51 47.2 49.3 73.9#

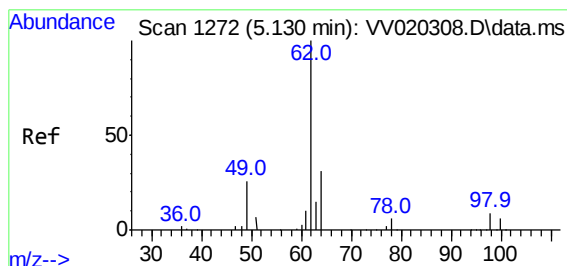
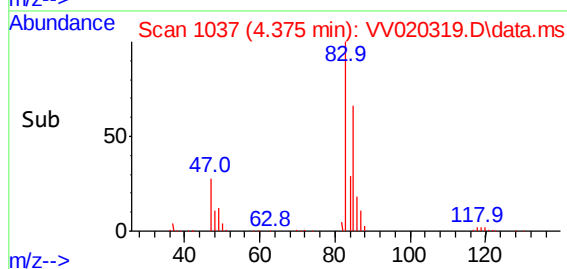
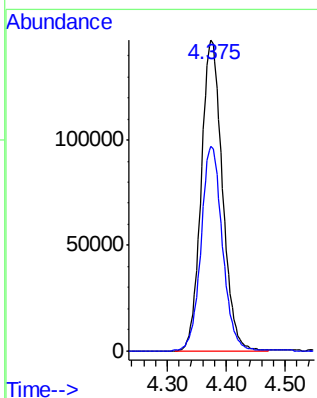
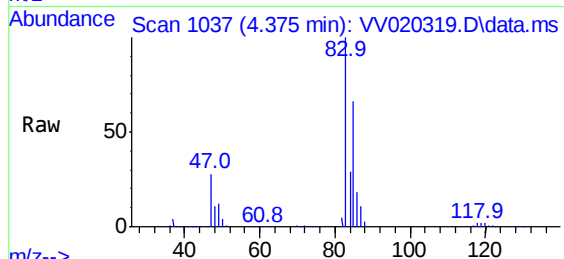




#25
Chloroform
Concen: 51.02 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

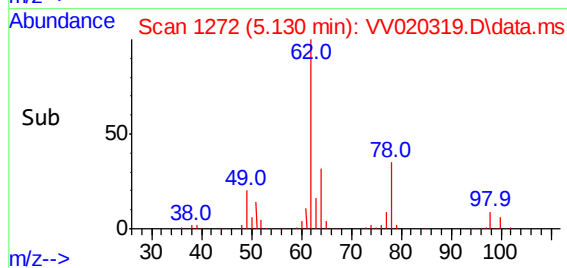
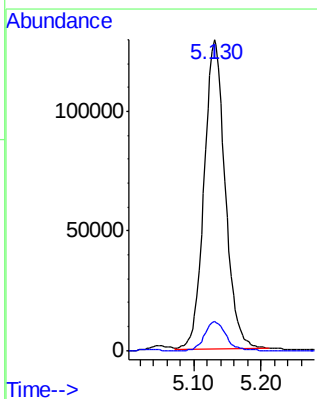
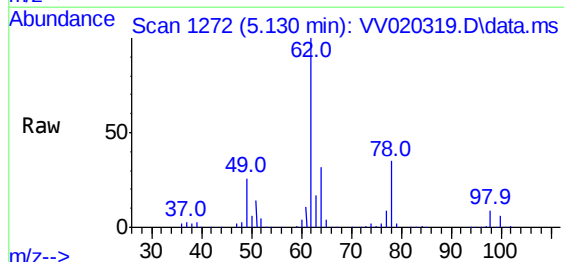
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

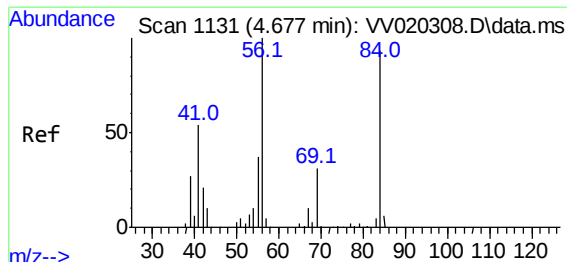
Tgt Ion: 83 Resp: 368799
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.64 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 62 Resp: 284077
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3



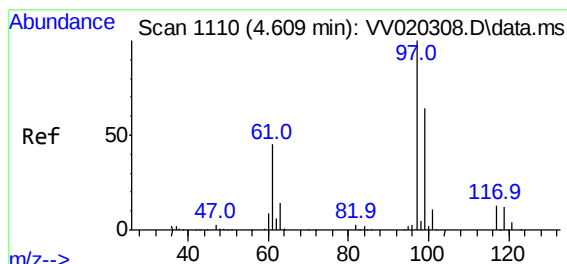
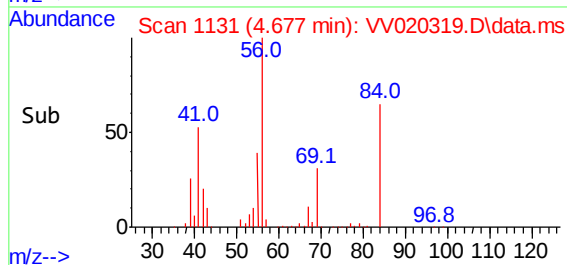
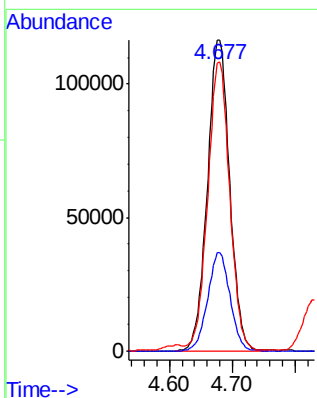
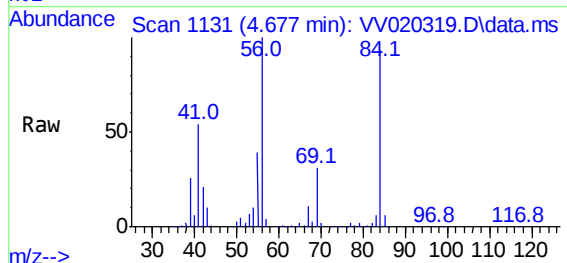


#29
Cyclohexane
Concen: 48.97 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Tgt Ion: 56 Resp: 286442

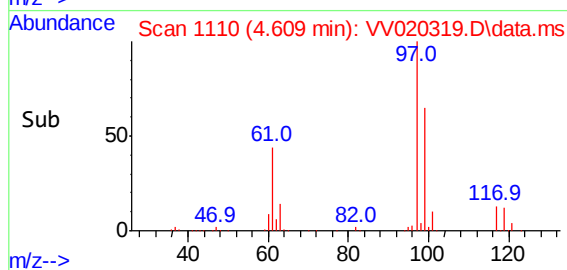
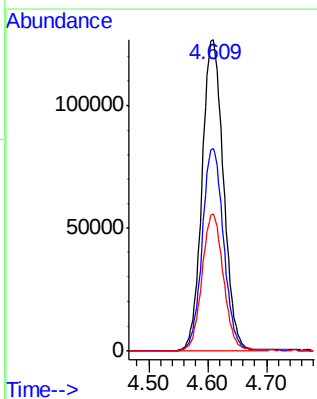
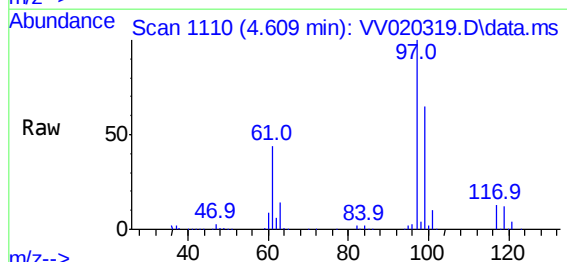
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.2	36.2
84	91.9	66.3	99.5

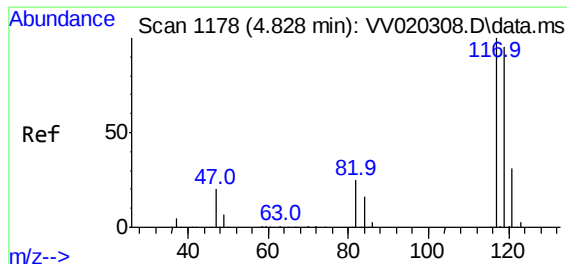


#30
1,1,1-Trichloroethane
Concen: 49.87 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 97 Resp: 319492

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.2	76.8
61	43.9	38.5	57.7

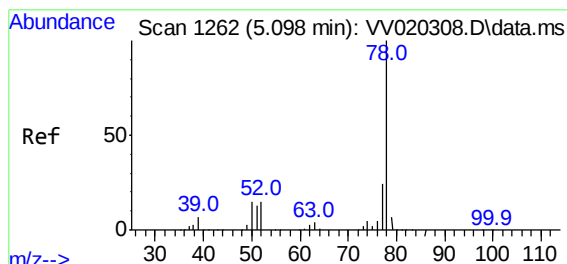
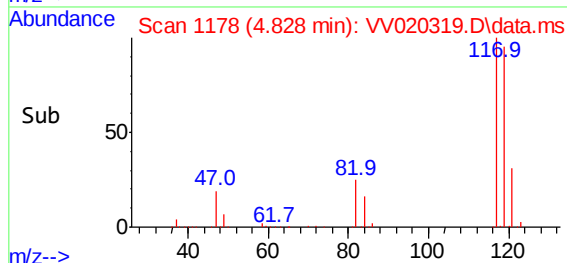
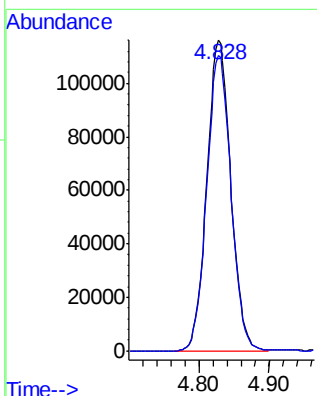
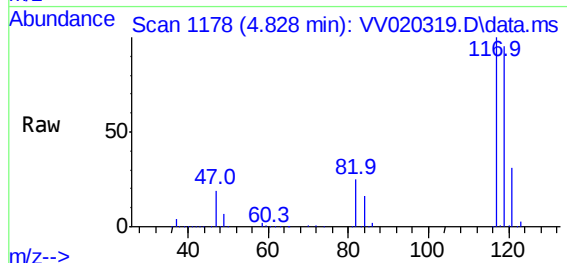




#31
Carbon tetrachloride
Concen: 49.34 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

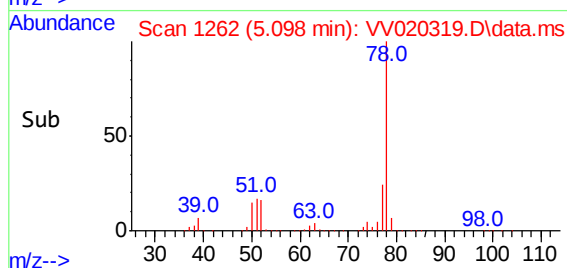
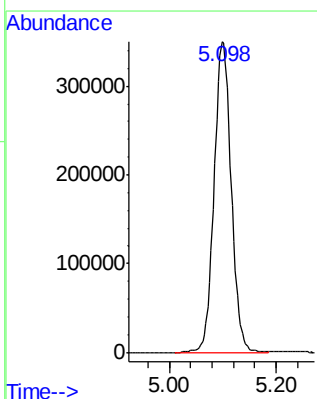
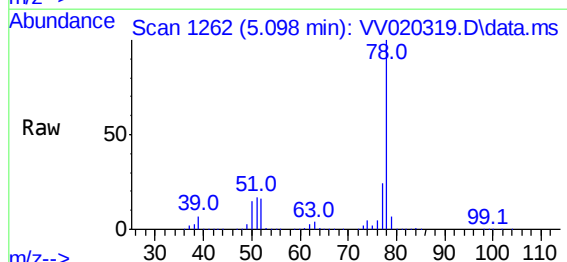
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

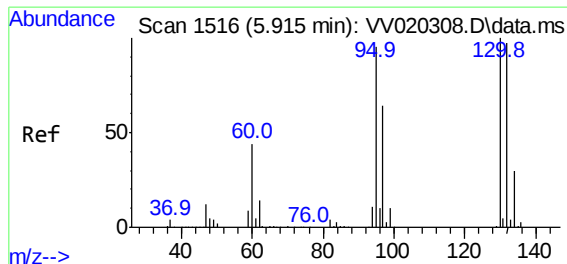
Tgt Ion:117 Resp: 274866
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5



#33
Benzene
Concen: 50.15 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 78 Resp: 773647

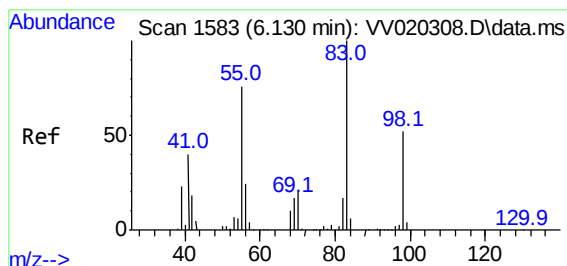
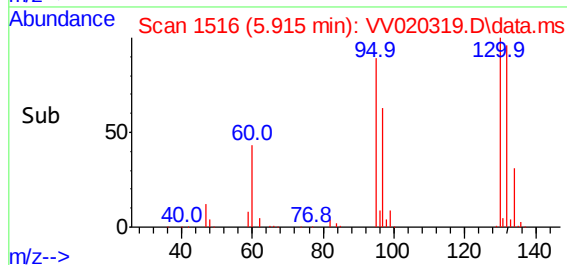
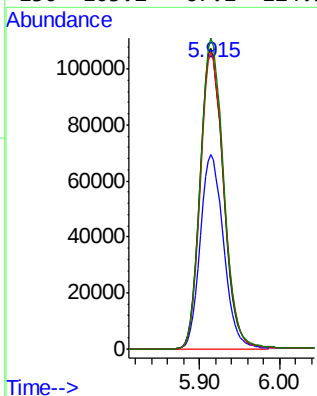
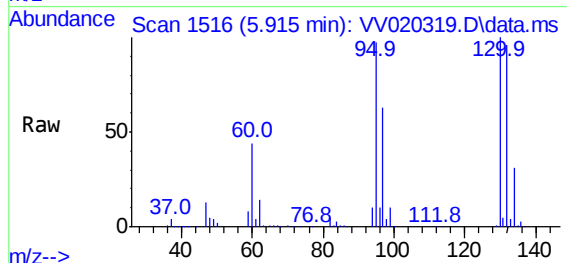




#34
Trichloroethene
Concen: 49.54 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

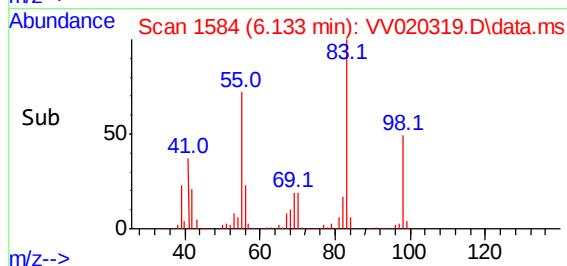
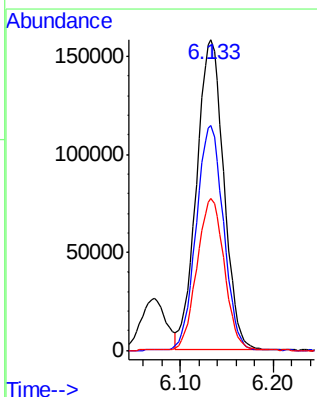
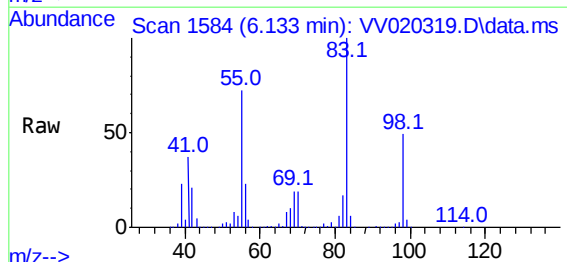
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

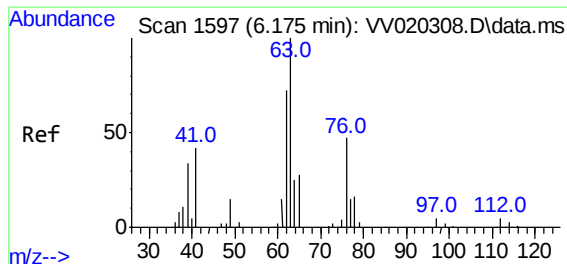
Tgt Ion: 95 Resp: 209991
Ion Ratio Lower Upper
95 100
97 64.5 44.5 82.7
132 98.7 63.4 117.8
130 103.2 67.1 124.5



#35
Methylcyclohexane
Concen: 50.23 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 83 Resp: 322379
Ion Ratio Lower Upper
83 100
55 72.3 65.1 97.7
98 49.4 38.2 57.2

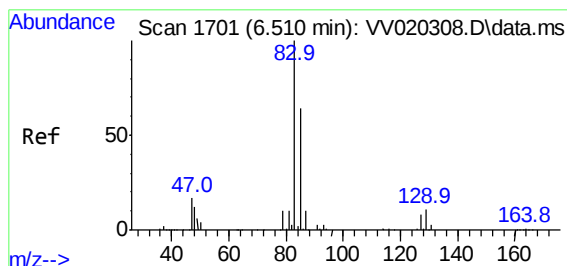
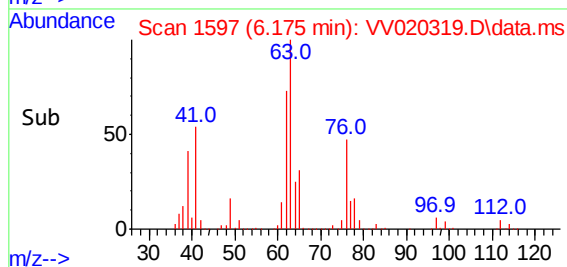
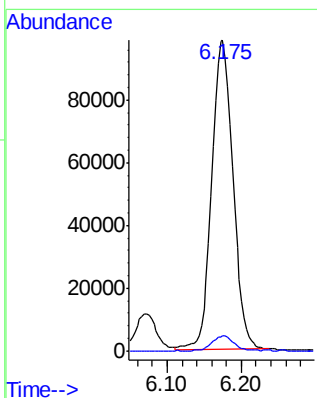
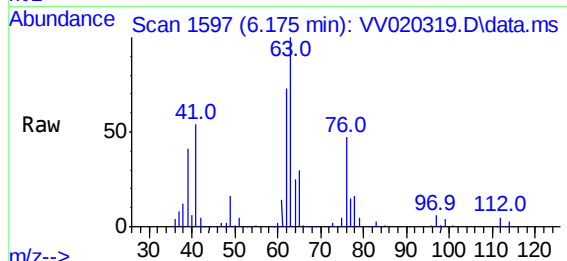




#37
1,2-Dichloropropane
Concen: 50.70 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

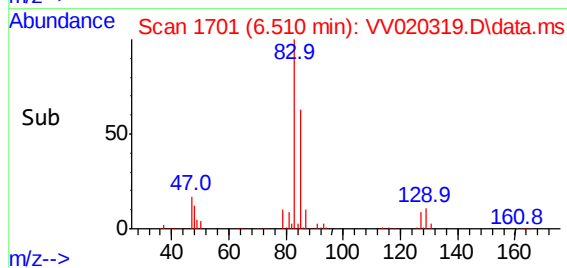
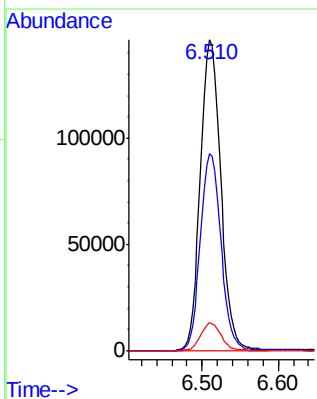
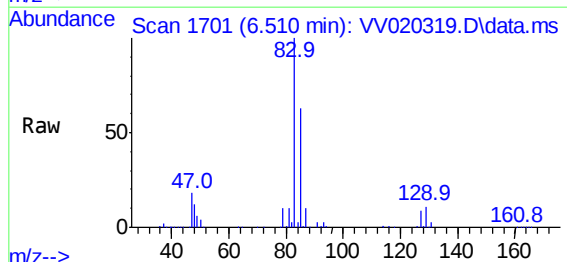
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

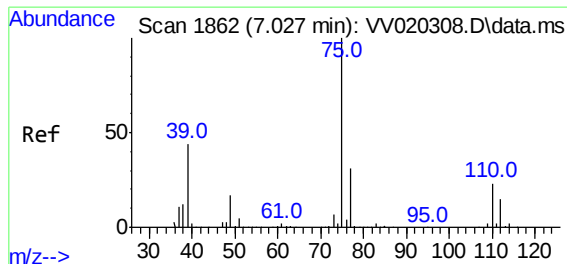
Tgt Ion: 63 Resp: 198105
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 50.59 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 83 Resp: 271710
Ion Ratio Lower Upper
83 100
85 63.2 44.5 82.7
127 8.8 6.3 9.5

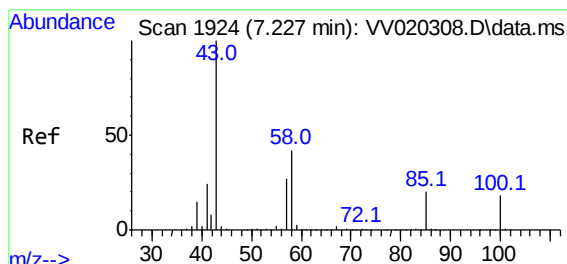
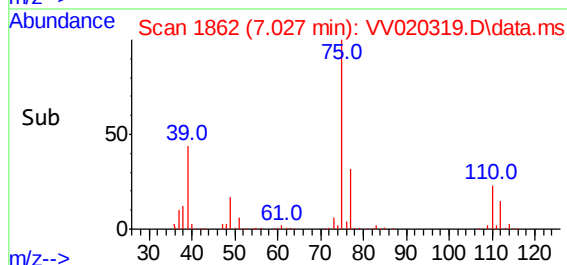
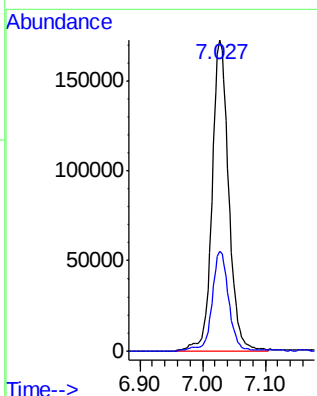
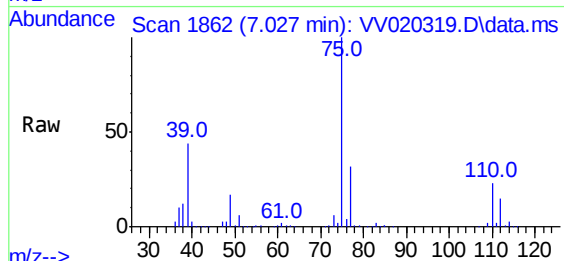




#39
cis-1,3-Dichloropropene
Concen: 51.06 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

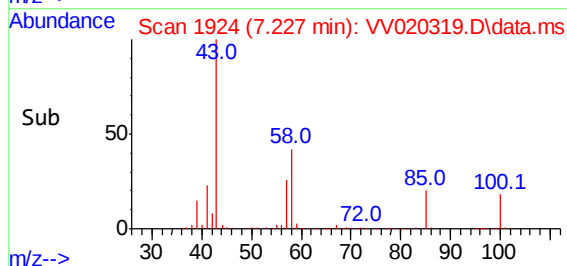
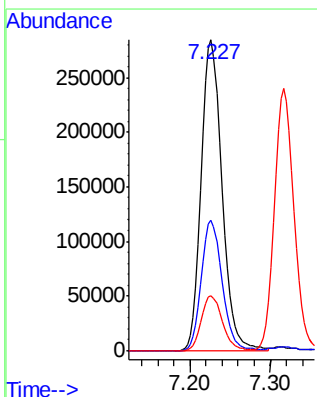
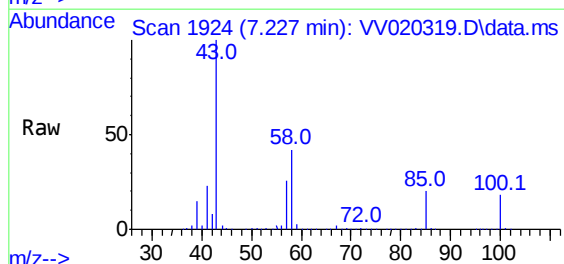
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

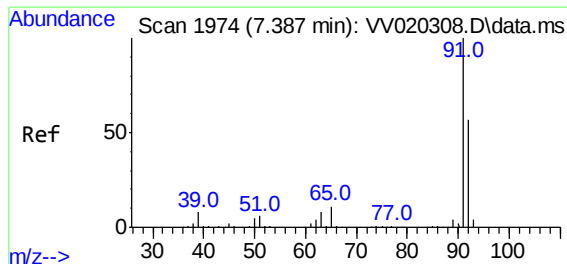
Tgt Ion: 75 Resp: 315938
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 100.14 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 43 Resp: 493331
Ion Ratio Lower Upper
43 100
58 41.9 30.7 46.1
100 17.8 11.6 17.4#

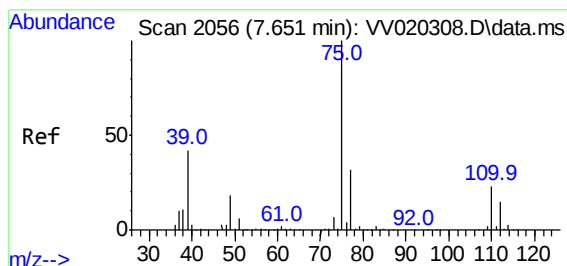
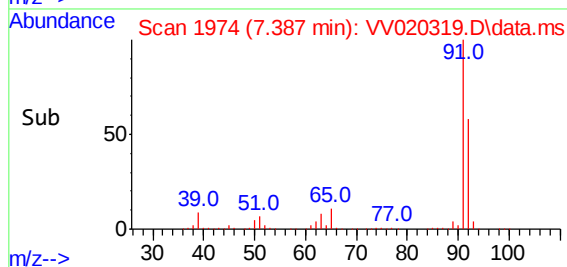
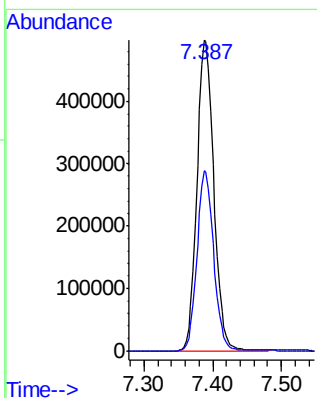
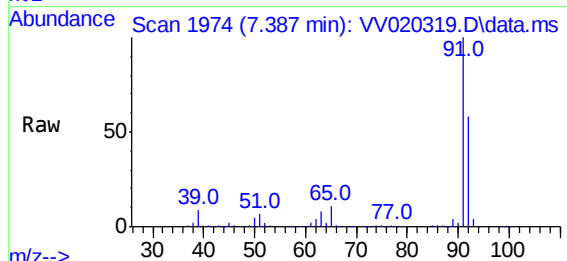




#42
Toluene
Concen: 50.00 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

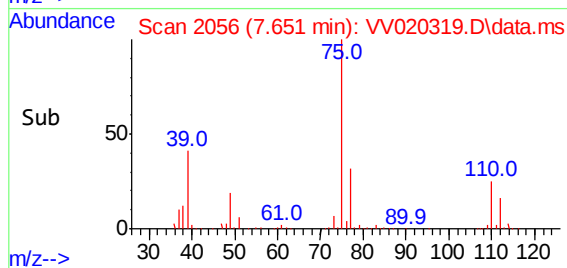
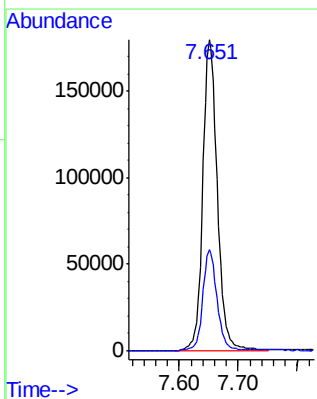
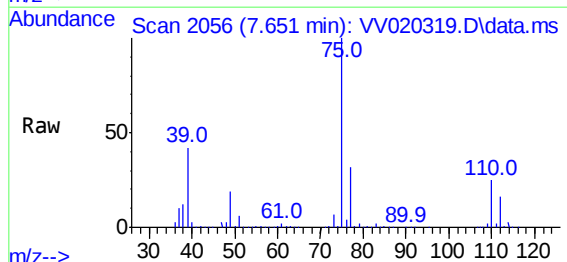
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

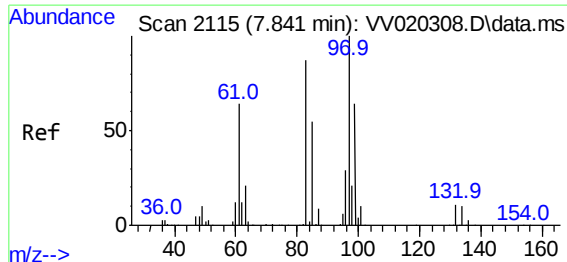
Tgt Ion: 91 Resp: 848429
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 50.97 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 75 Resp: 306696
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0



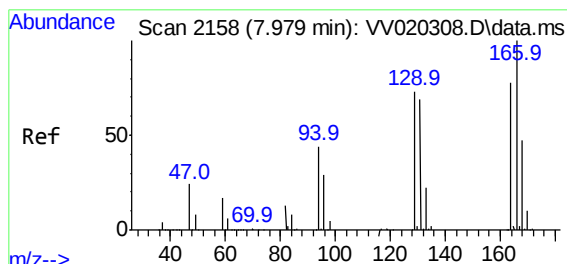
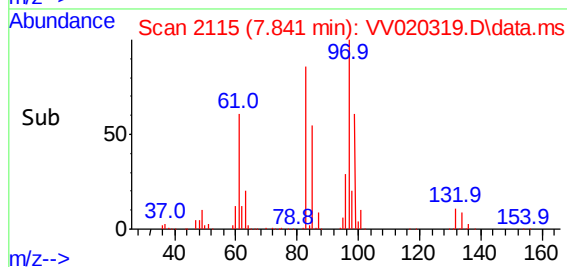
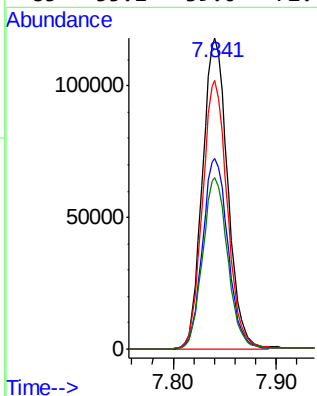
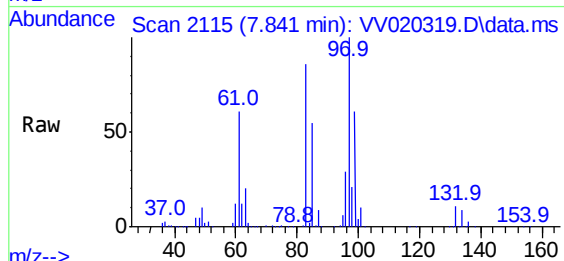


#45
1,1,2-Trichloroethane
Concen: 49.66 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Tgt Ion: 97 Resp: 199704

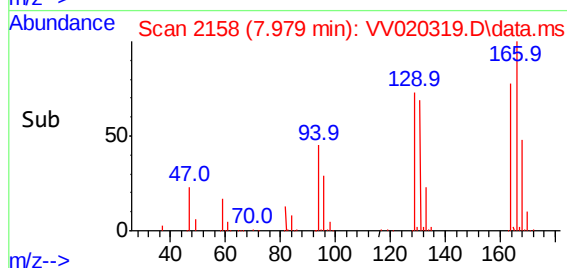
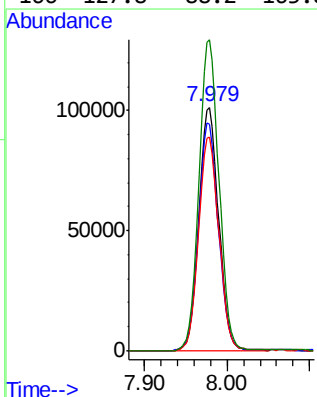
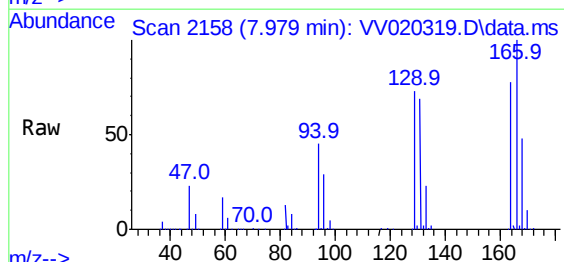
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	86.2	62.2	115.4
85	55.1	39.0	72.4

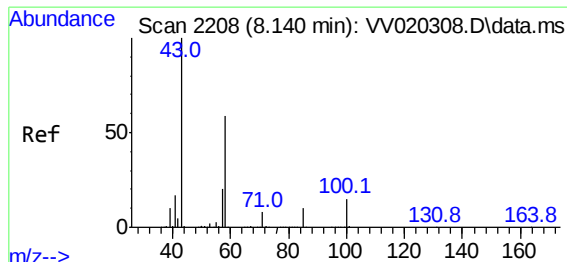


#46
Tetrachloroethene
Concen: 48.84 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 164 Resp: 169195

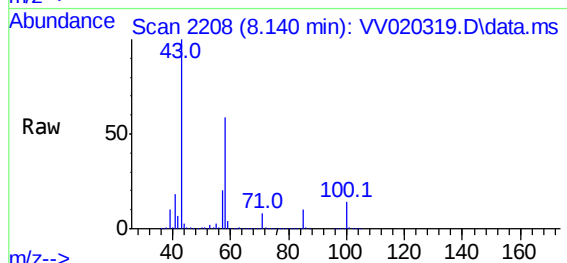
Ion	Ratio	Lower	Upper
164	100		
129	92.9	70.6	131.0
131	87.8	66.8	124.0
166	127.8	88.2	163.8





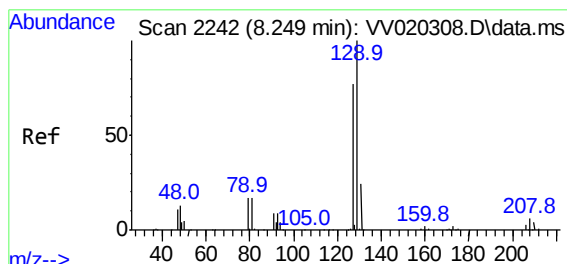
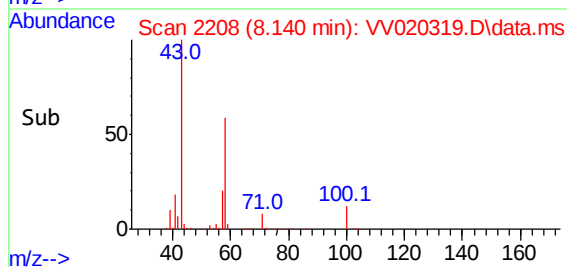
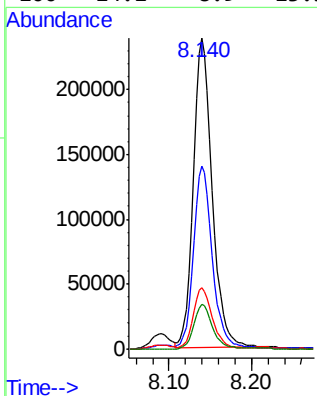
#48
2-Hexanone
Concen: 101.57 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095



Tgt Ion: 43 Resp: 382829

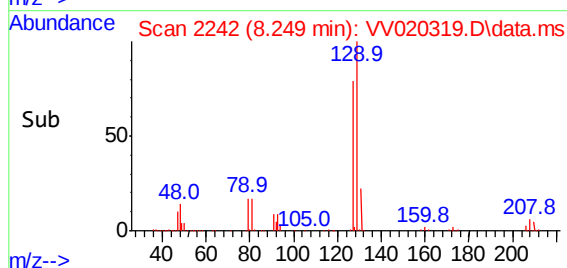
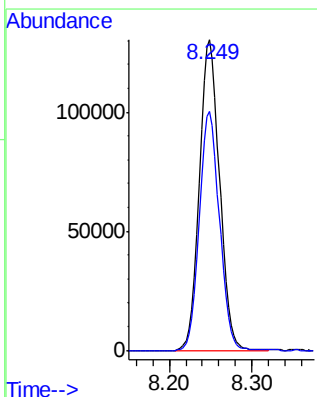
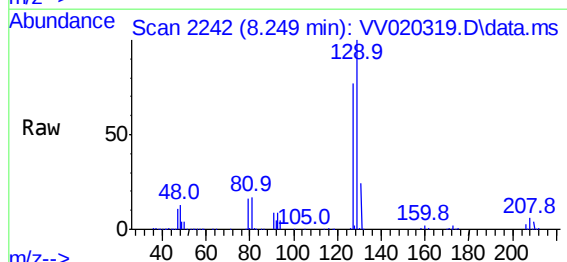
Ion	Ratio	Lower	Upper
43	100		
58	59.0	41.8	62.6
57	20.0	15.0	22.4
100	14.1	8.9	13.3

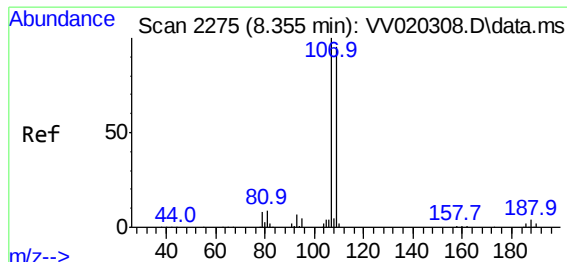


#49
Dibromochloromethane
Concen: 49.84 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 129 Resp: 221133

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.2	102.6

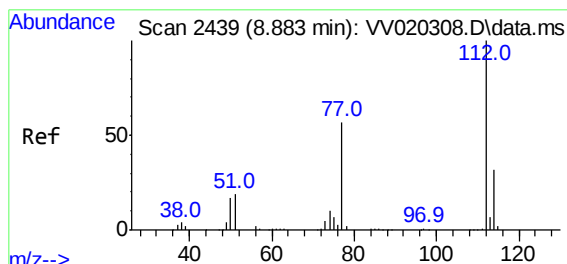
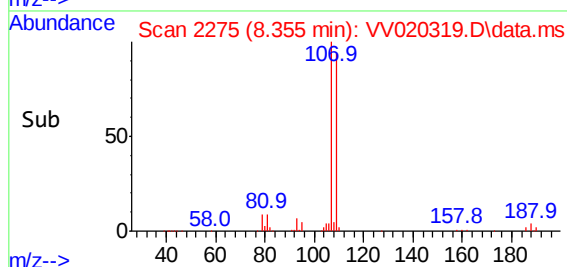
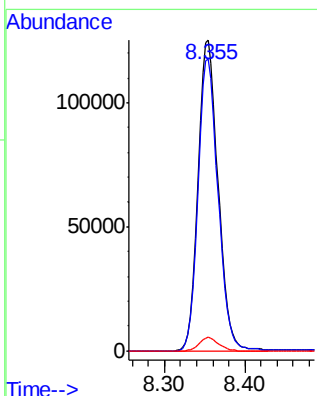
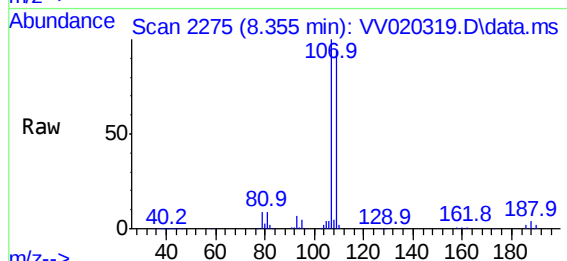




#50
1,2-Dibromoethane
Concen: 49.16 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

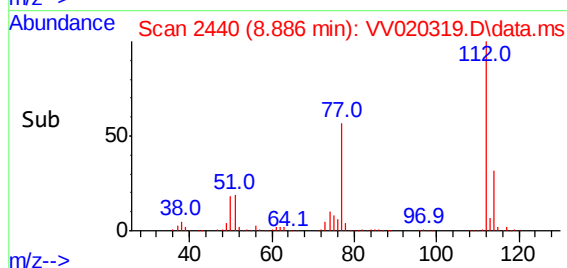
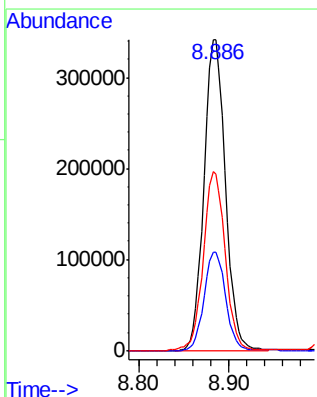
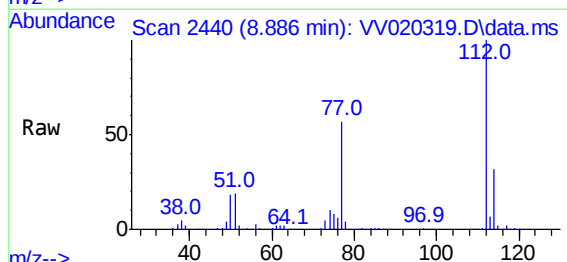
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

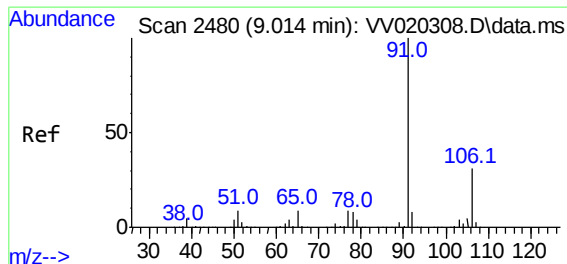
Tgt Ion:107 Resp: 211765
Ion Ratio Lower Upper
107 100
109 93.9 66.2 123.0
188 4.3 2.6 3.8#



#51
Chlorobenzene
Concen: 49.14 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:112 Resp: 559387
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 56.9 49.0 73.6

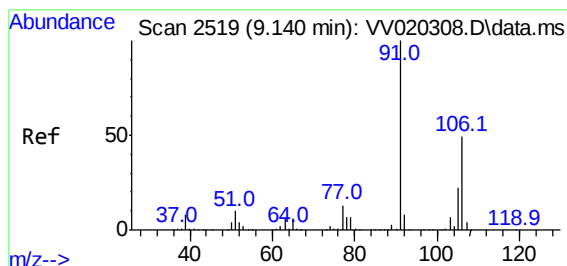
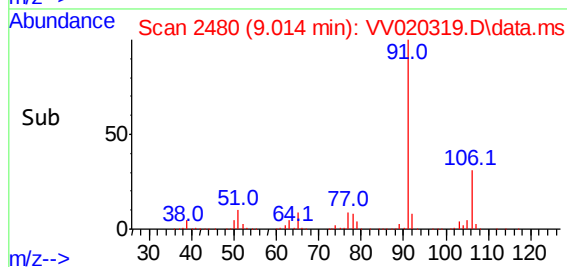
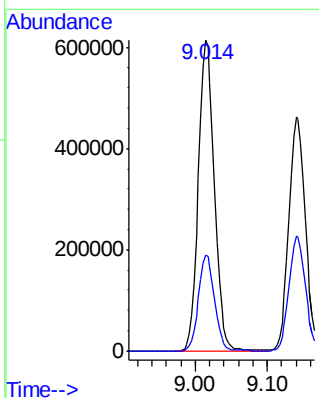
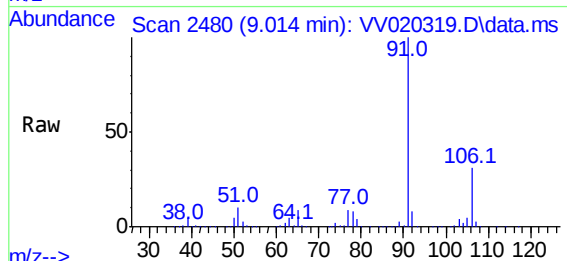




#52
Ethylbenzene
Concen: 50.38 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

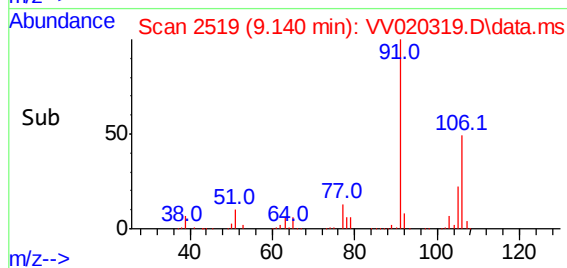
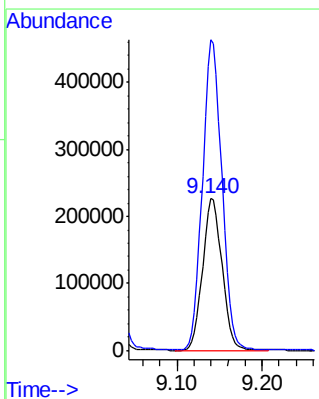
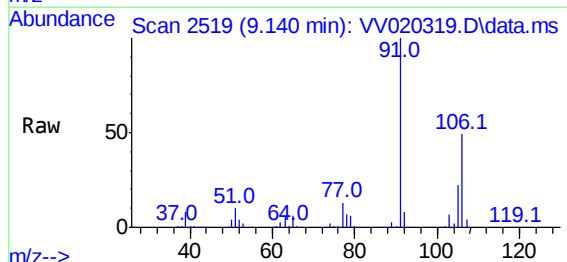
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

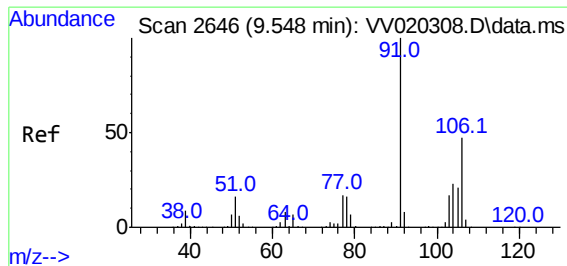
Tgt Ion: 91 Resp: 944049
Ion Ratio Lower Upper
91 100
106 30.9 21.0 39.0



#53
m,p-Xylene
Concen: 50.51 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 106 Resp: 360410
Ion Ratio Lower Upper
106 100
91 204.7 148.1 275.0

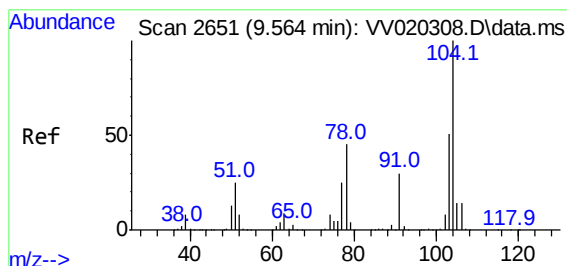
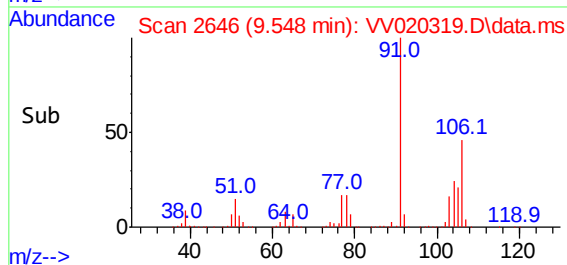
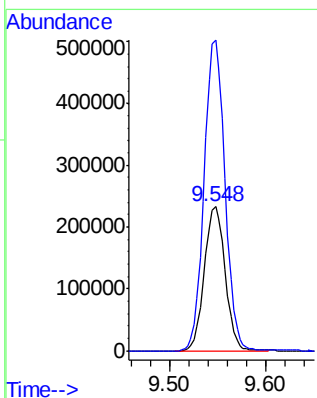
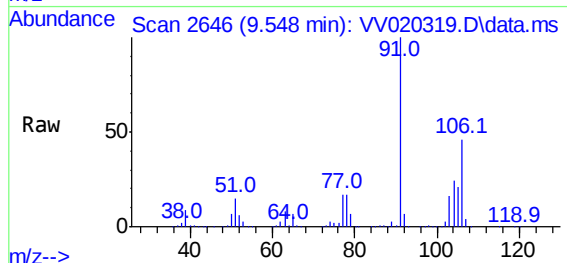




#54
o-xylene
Concen: 50.26 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

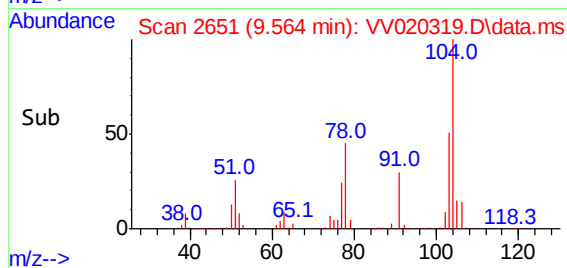
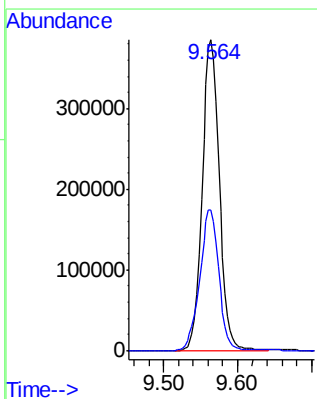
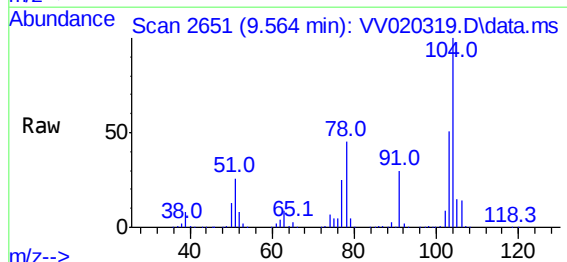
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

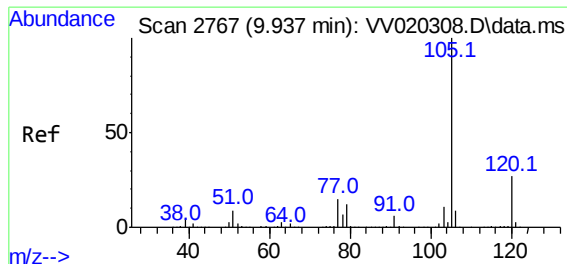
Tgt Ion:106 Resp: 349136
Ion Ratio Lower Upper
106 100
91 215.4 156.4 290.6



#55
Styrene
Concen: 51.69 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:104 Resp: 617925
Ion Ratio Lower Upper
104 100
78 45.2 33.7 62.5



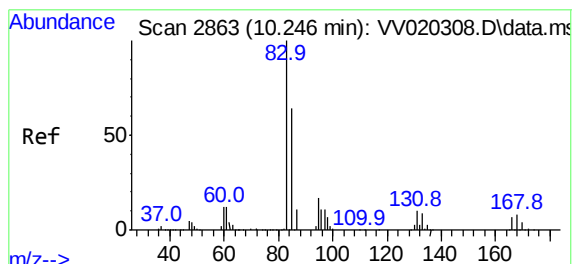
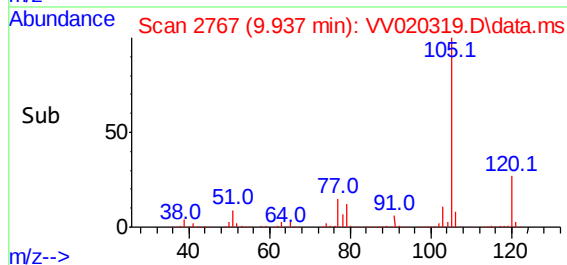
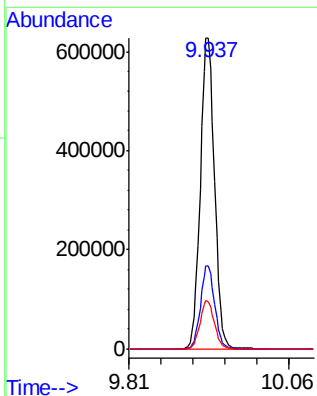
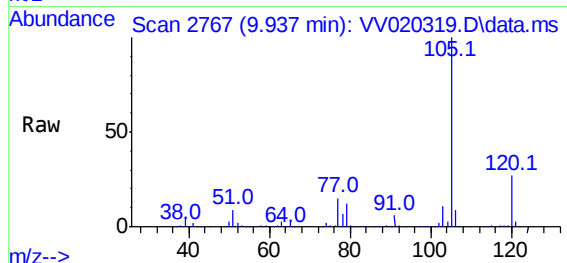


#56
Isopropylbenzene
Concen: 51.03 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Tgt Ion:105 Resp: 951210

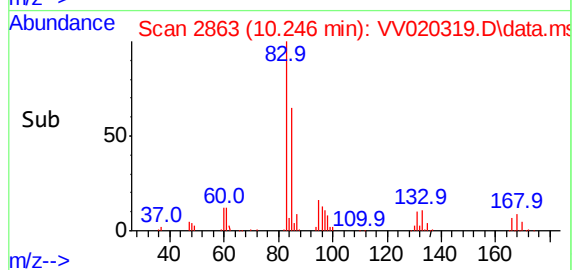
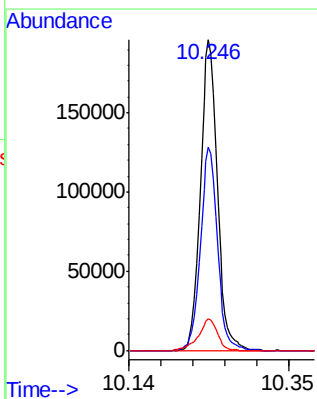
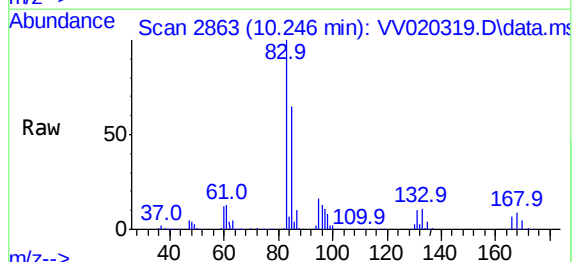
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.5	30.7
77	15.5	13.6	20.4

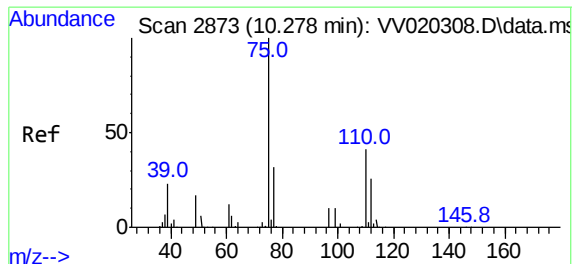


#58
1,1,2,2-Tetrachloroethane
Concen: 48.96 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 83 Resp: 310198

Ion	Ratio	Lower	Upper
83	100		
85	65.4	44.3	82.3
131	10.1	7.3	10.9

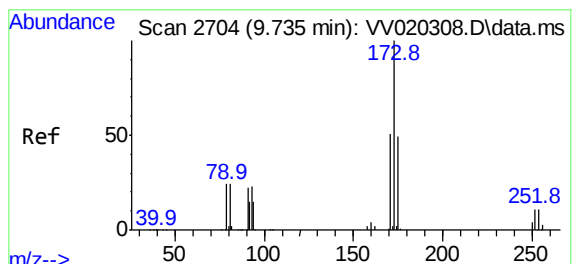
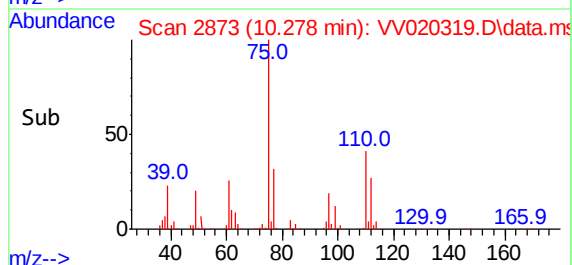
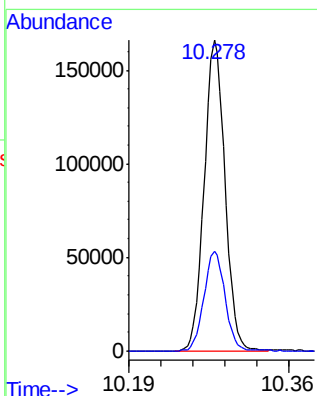
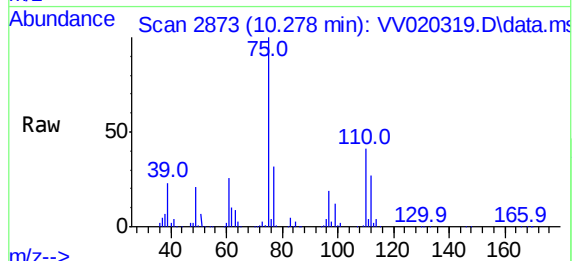




#59
1,2,3-Trichloropropane
Concen: 49.10 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

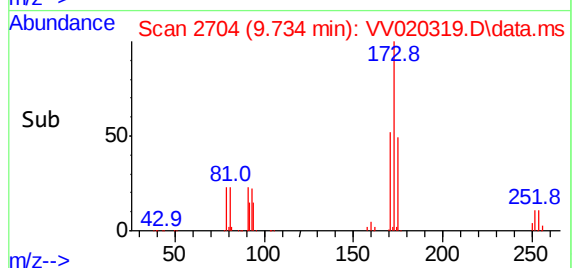
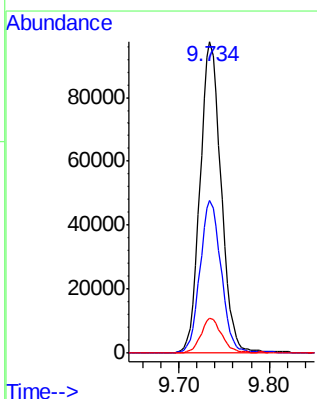
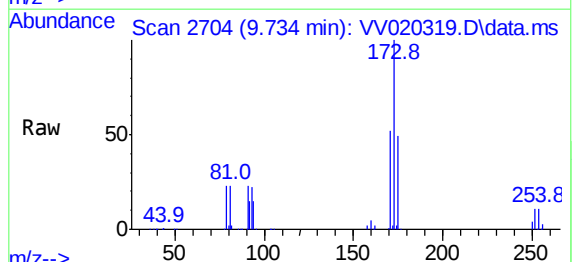
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

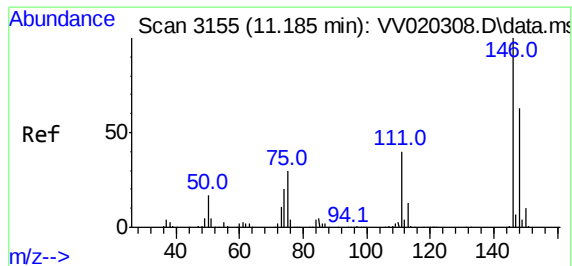
Tgt Ion: 75 Resp: 257217
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#61
Bromoform
Concen: 47.58 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:173 Resp: 156235
Ion Ratio Lower Upper
173 100
175 49.1 38.6 57.8
254 10.6 6.5 9.7#

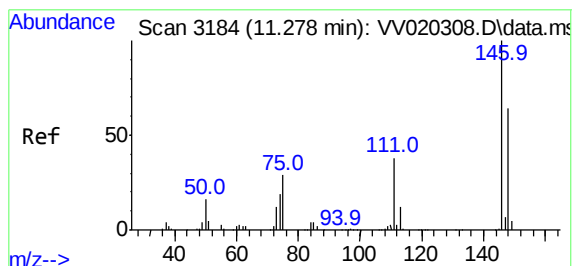
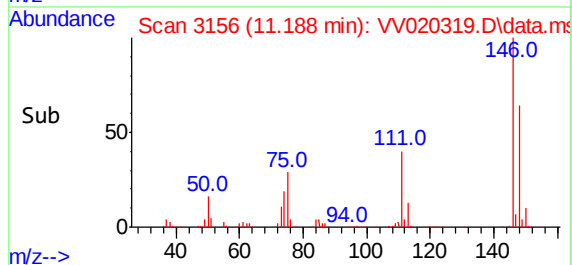
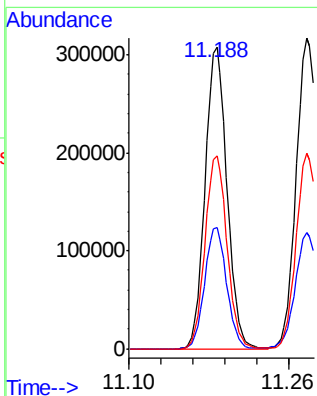
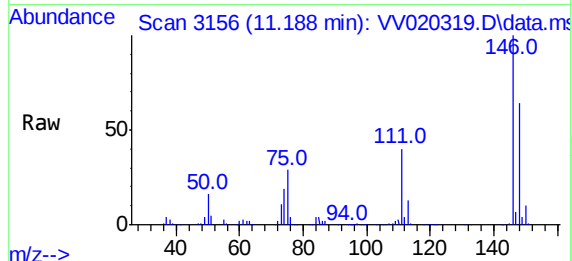




#62
1,3-Dichlorobenzene
Concen: 49.11 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

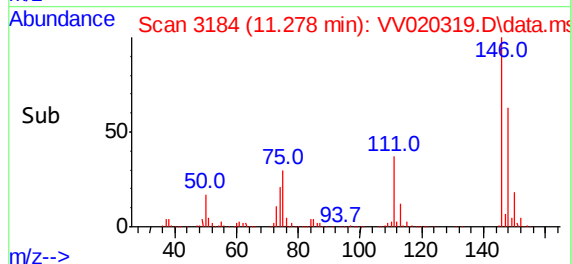
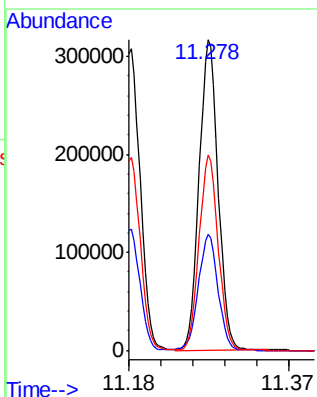
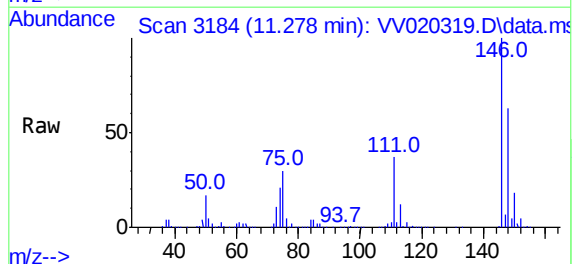
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

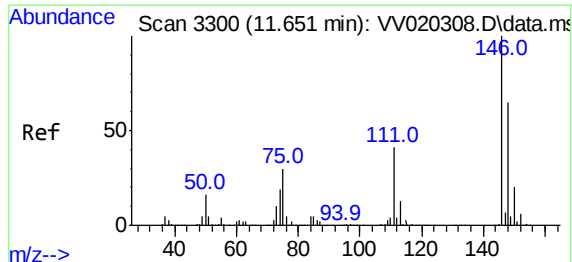
Tgt Ion:146 Resp: 468824
Ion Ratio Lower Upper
146 100
111 40.1 30.2 56.2
148 63.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.89 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:146 Resp: 488369
Ion Ratio Lower Upper
146 100
111 37.5 29.4 54.6
148 62.9 44.7 83.1

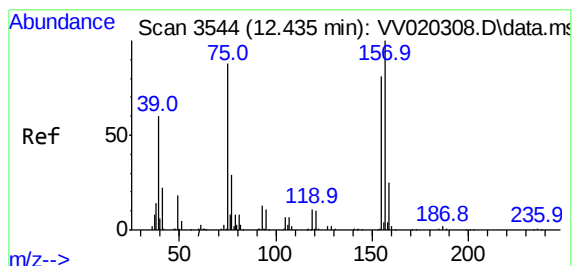
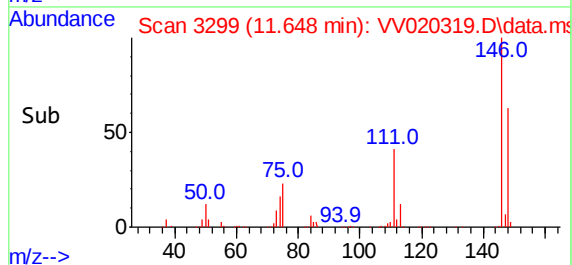
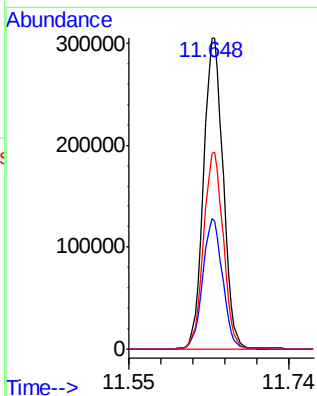
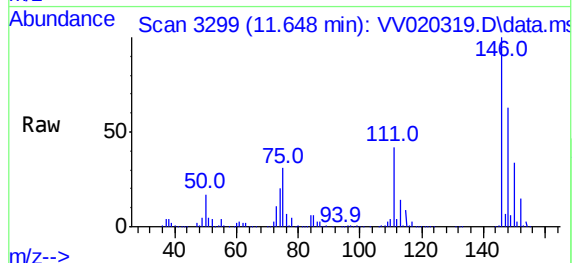




#65
1,2-Dichlorobenzene
Concen: 49.66 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.003 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

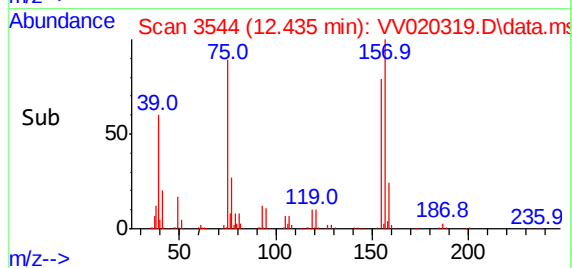
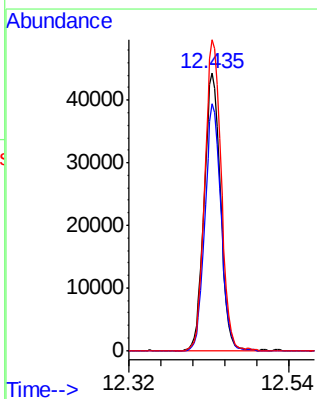
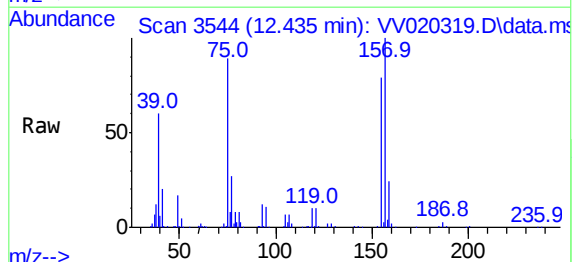
Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

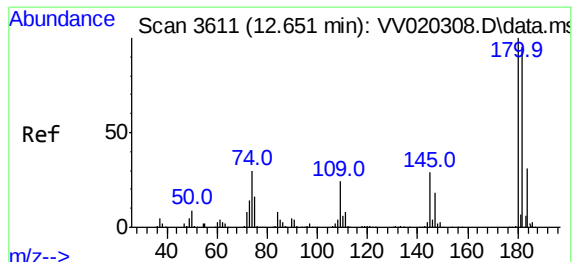
Tgt Ion:146 Resp: 473283
Ion Ratio Lower Upper
146 100
111 42.0 36.3 54.5
148 62.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 47.02 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion: 75 Resp: 68755
Ion Ratio Lower Upper
75 100
155 88.9 59.1 88.7#
157 112.1 75.4 113.0



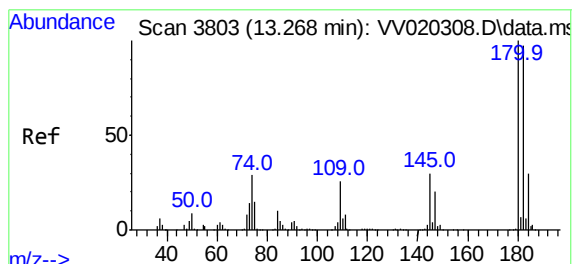
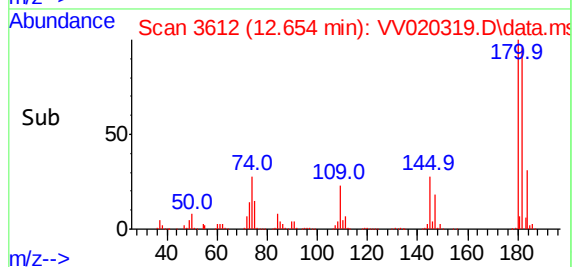
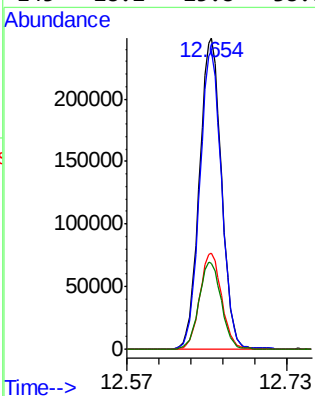
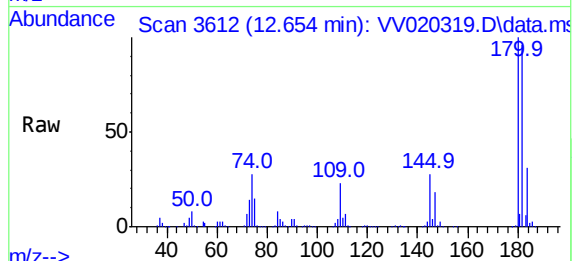


#67
 1,3,5-Trichlorobenzene
 Concen: 50.91 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.003 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Tgt Ion:180 Resp: 379505

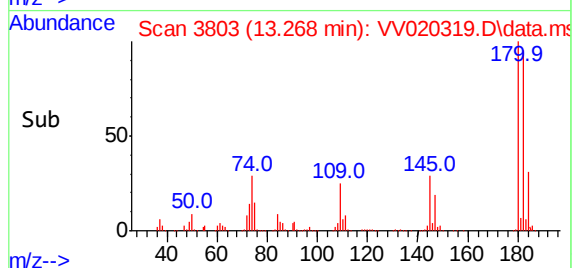
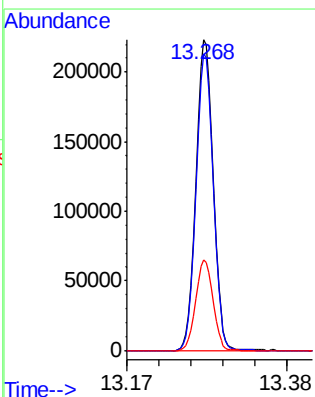
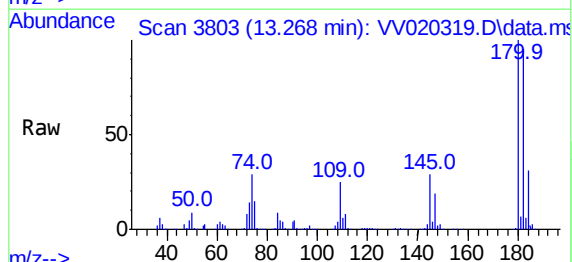
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
184	30.4	24.0	36.0
145	28.2	25.8	38.6

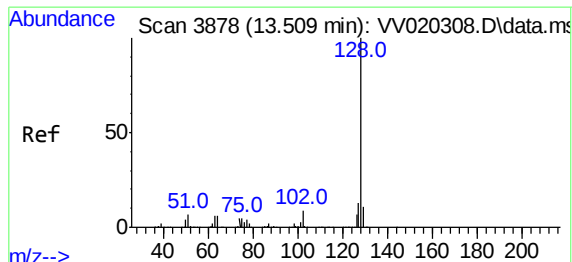


#68
 1,2,4-trichlorobenzene
 Concen: 50.96 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. -0.000 min
 Lab File: VV020319.D
 Acq: 15 Feb 2021 09:51

Tgt Ion:180 Resp: 337090

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.1	112.7
145	29.2	26.8	40.2

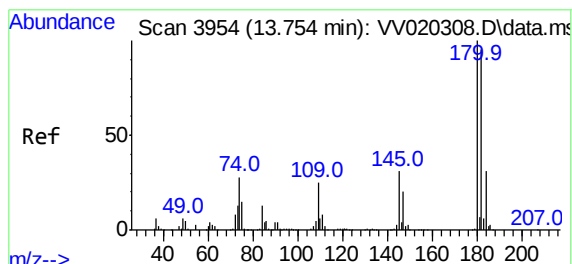
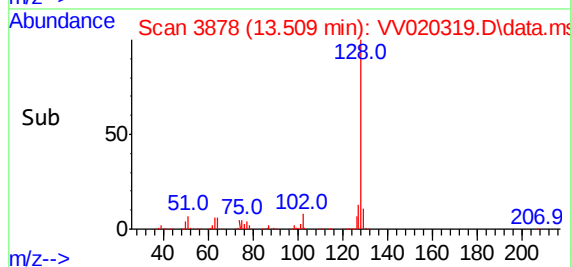
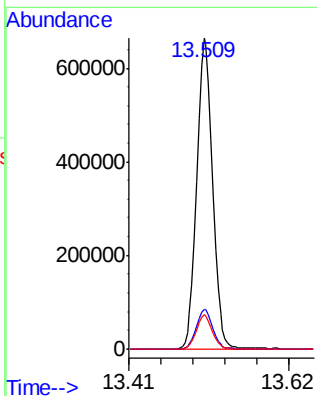
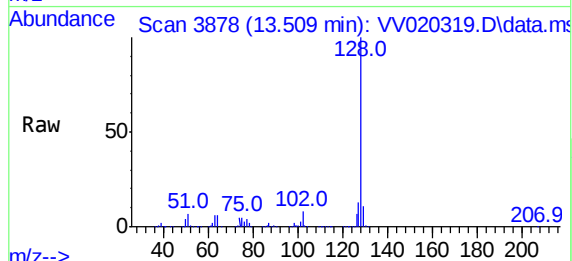




#69
Naphthalene
Concen: 52.29 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05095

Tgt Ion:128 Resp: 990534
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.40 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020319.D
Acq: 15 Feb 2021 09:51

Tgt Ion:180 Resp: 338494
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 31.3 27.9 41.9

