

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
 Data File : VW020960.D
 Acq On : 06 Apr 2021 20:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Apr 07 02:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 02:10:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	609211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	585827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	350860	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	140101	32.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.78%		
7) Chloroethane-d5	1.571	69	120219	36.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.54%		
11) 1,1-Dichloroethene-d2	2.111	63	319992	39.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.42%		
21) 2-Butanone-d5	3.902	46	218093	77.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.51%		
24) Chloroform-d	4.352	84	398802	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.78%		
26) 1,2-Dichloroethane-d4	5.034	65	264851	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.54%		
32) Benzene-d6	5.053	84	683215	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.50%		
36) 1,2-Dichloropropane-d6	6.072	67	201898	42.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.22%		
41) Toluene-d8	7.320	98	687116	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.54%		
43) trans-1,3-Dichloroprop...	7.625	79	121418	47.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.20%		
47) 2-Hexanone-d5	8.091	63	172549	85.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.85%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	303600	43.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.96%		
64) 1,2-Dichlorobenzene-d4	11.632	152	323443	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	245385	42.99	ug/L	98
3) Chloromethane	1.243	50	151148	33.17	ug/L	97
5) Vinyl chloride	1.314	62	177541	38.14	ug/L	99
6) Bromomethane	1.523	94	133743	45.58	ug/L	96
8) Chloroethane	1.587	64	112717	41.92	ug/L	97
9) Trichlorofluoromethane	1.754	101	401035	50.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	191748	50.14	ug/L	93
12) 1,1-Dichloroethene	2.117	96	173694	48.86	ug/L	87
13) Acetone	2.201	43	155727	77.61	ug/L	92
14) Carbon disulfide	2.294	76	460205	39.15	ug/L	100
15) Methyl Acetate	2.439	43	161780	38.62	ug/L #	89
16) Methylene chloride	2.510	84	194341	44.82	ug/L	87
17) trans-1,2-Dichloroethene	2.764	96	185997	45.62	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	621907	49.20	ug/L	97
19) 1,1-Dichloroethane	3.191	63	337445	44.55	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	206783	47.41	ug/L	90
22) 2-Butanone	3.986	43	214487	73.03	ug/L	93
23) Bromochloromethane	4.252	128	119179	50.76	ug/L #	79
25) Chloroform	4.378	83	398277	49.44	ug/L	97
27) 1,2-Dichloroethane	5.133	62	316233	49.14	ug/L	99

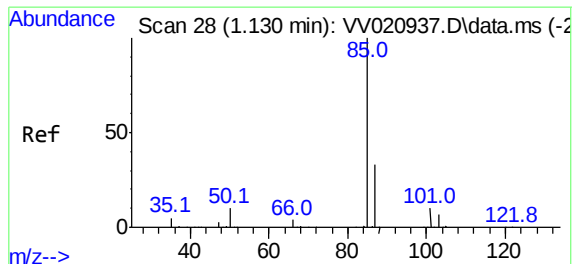
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 02:10:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	258878	39.07	ug/L	87
30) 1,1,1-Trichloroethane	4.613	97	400810	55.32	ug/L	97
31) Carbon tetrachloride	4.831	117	355004	54.86	ug/L	98
33) Benzene	5.101	78	746854	46.22	ug/L	100
34) Trichloroethene	5.918	95	218271	49.28	ug/L	93
35) Methylcyclohexane	6.137	83	301791	44.41	ug/L	93
37) 1,2-Dichloropropane	6.178	63	179212	42.29	ug/L #	96
38) Bromodichloromethane	6.513	83	299843	50.39	ug/L #	99
39) cis-1,3-Dichloropropene	7.030	75	314695	48.10	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	451705	79.49	ug/L #	93
42) Toluene	7.391	91	865974	49.31	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	317674	48.23	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	202380	48.55	ug/L	97
46) Tetrachloroethene	7.979	164	198382	53.66	ug/L	97
48) 2-Hexanone	8.143	43	360772	83.17	ug/L #	97
49) Dibromochloromethane	8.249	129	265674	54.71	ug/L	98
50) 1,2-Dibromoethane	8.355	107	226007	50.62	ug/L #	97
51) Chlorobenzene	8.886	112	577475	48.98	ug/L	98
52) Ethylbenzene	9.018	91	980236	48.91	ug/L	99
53) m,p-Xylene	9.143	106	377737	50.67	ug/L	99
54) o-xylene	9.548	106	370736	51.60	ug/L	94
55) Styrene	9.564	104	643512	50.97	ug/L	100
56) Isopropylbenzene	9.937	105	1019449	51.52	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	304147	44.73	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	261105	47.19	ug/L	98
61) Bromoform	9.735	173	204982	51.46	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	507939	47.44	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	511312	45.92	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	521191	49.39	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	76849	43.08	ug/L	87
67) 1,3,5-Trichlorobenzene	12.651	180	399849	48.18	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	336102	47.76	ug/L	99
69) Naphthalene	13.509	128	948943	47.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	345163	48.98	ug/L	97

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

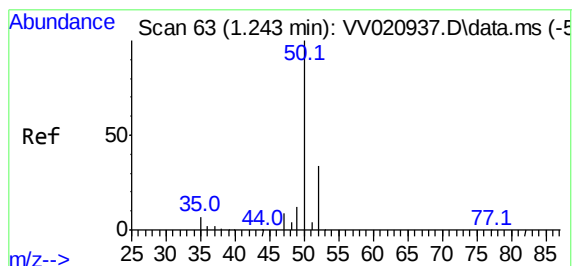
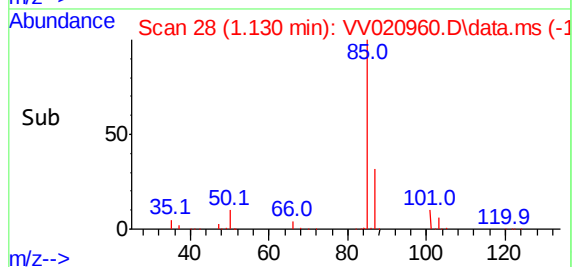
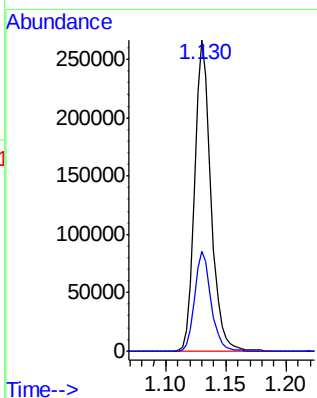
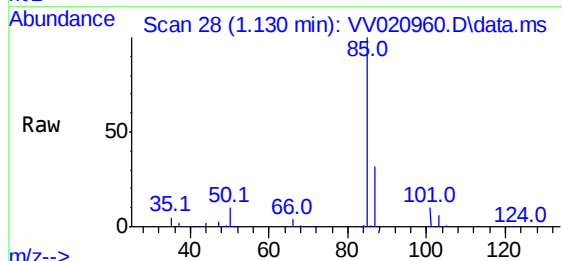


#2
 Dichlorodifluoromethane
 Concen: 42.99 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Tgt Ion: 85 Resp: 245385

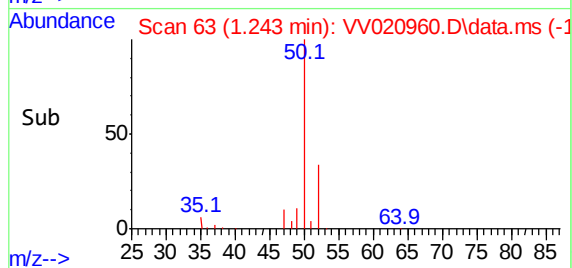
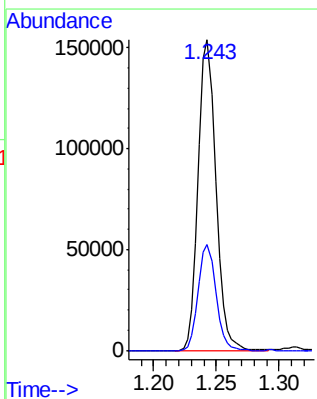
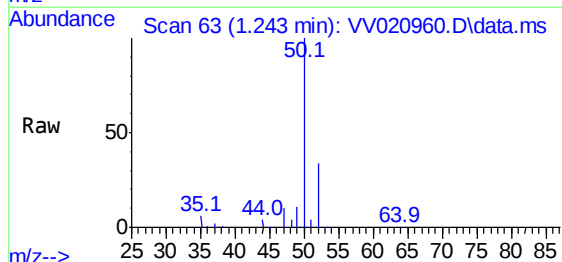
Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.3	39.5

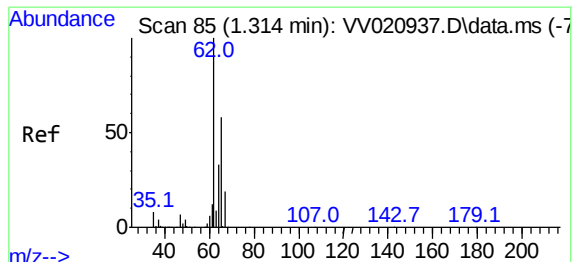


#3
 Chloromethane
 Concen: 33.17 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Tgt Ion: 50 Resp: 151148

Ion	Ratio	Lower	Upper
50	100		
52	34.3	22.7	42.1



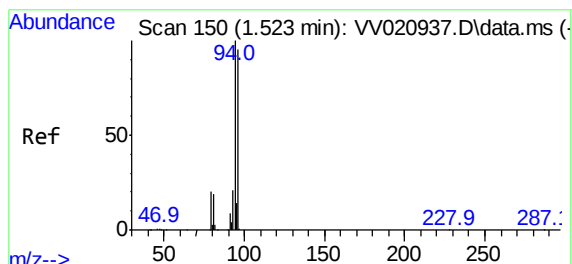
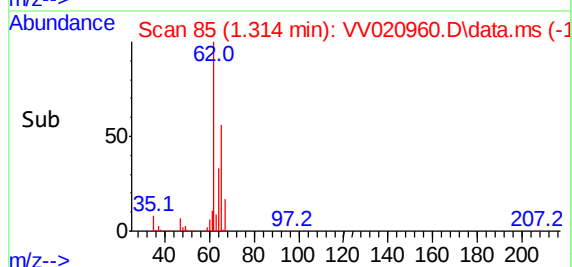
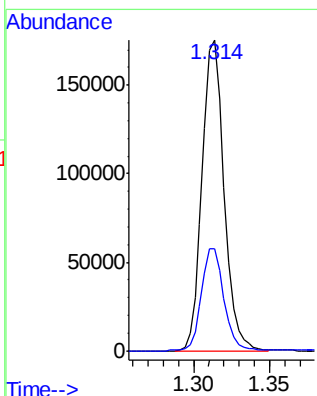
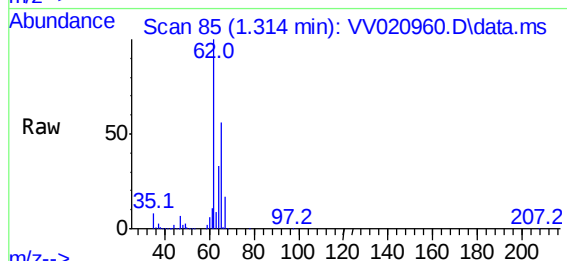


#5
 Vinyl chloride
 Concen: 38.14 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Tgt Ion: 62 Resp: 177541

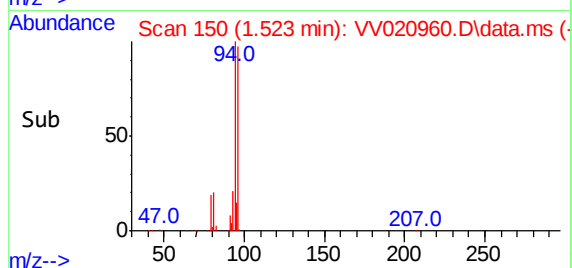
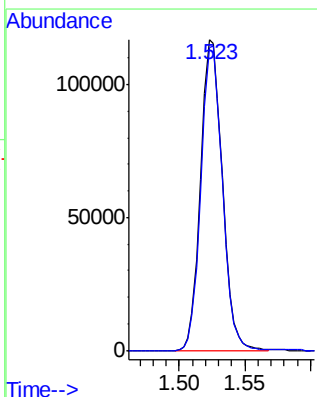
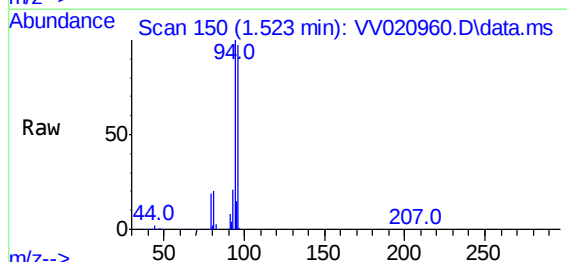
Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.3	43.3

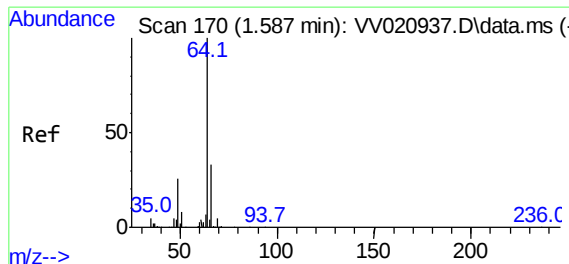


#6
 Bromomethane
 Concen: 45.58 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Tgt Ion: 94 Resp: 133743

Ion	Ratio	Lower	Upper
94	100		
96	97.3	65.6	121.8

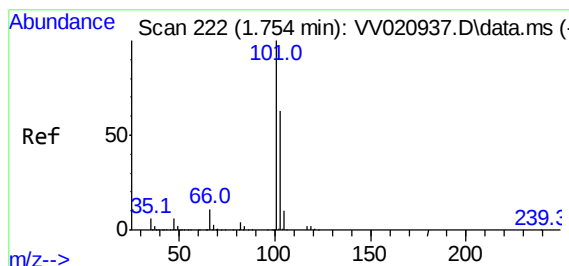
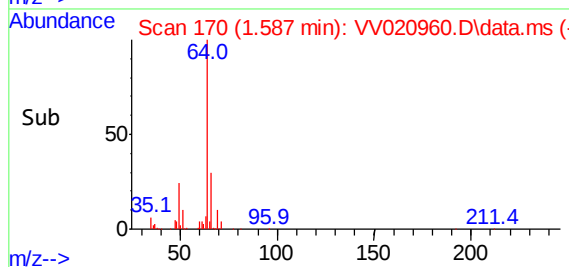
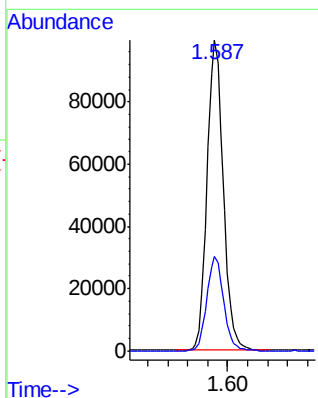
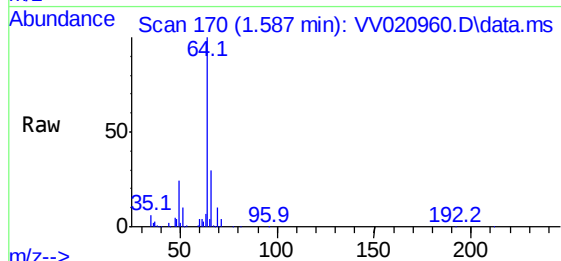




#8
Chloroethane
Concen: 41.92 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

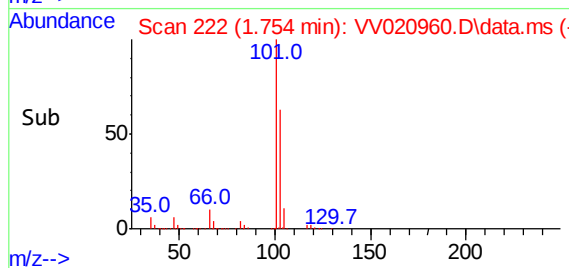
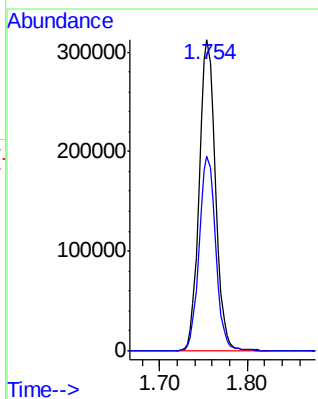
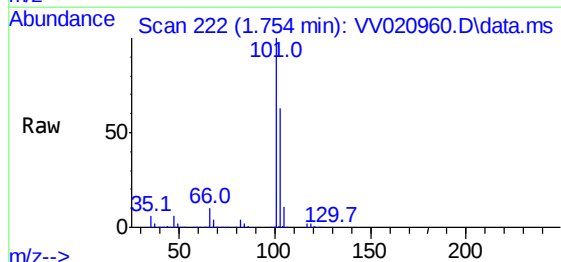
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

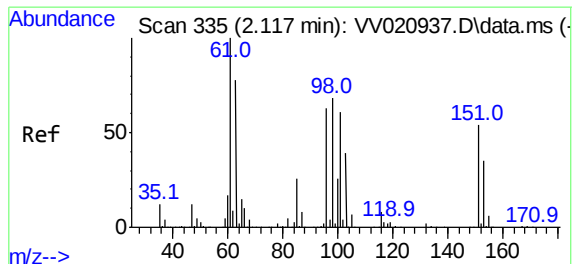
Tgt Ion: 64 Resp: 112717
Ion Ratio Lower Upper
64 100
66 30.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.41 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 101 Resp: 401035
Ion Ratio Lower Upper
101 100
103 63.4 51.2 76.8



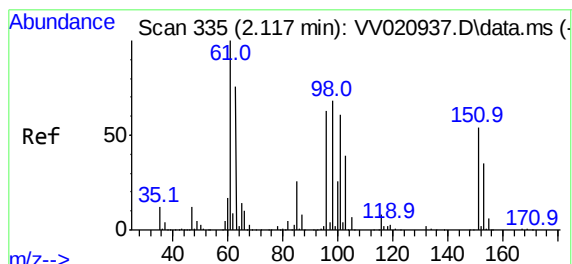
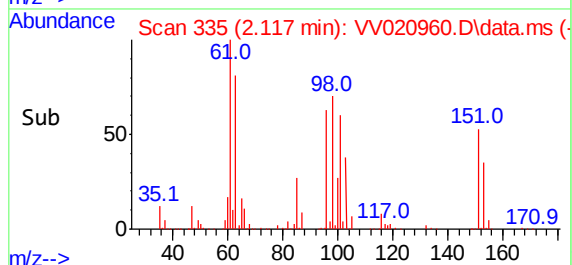
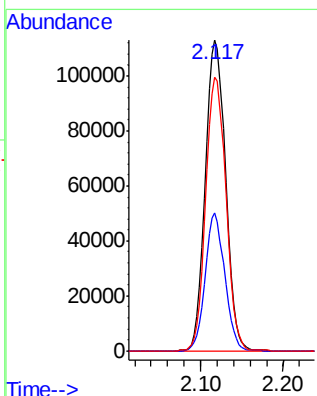
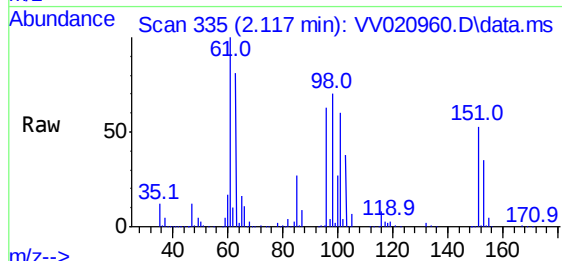


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.14 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Tgt Ion:101 Resp: 191748

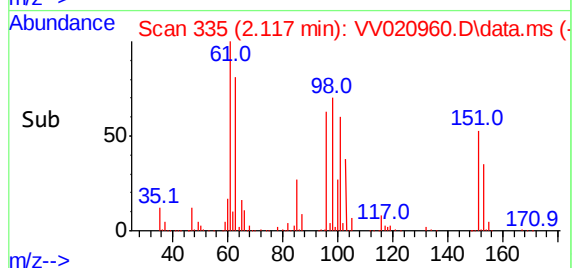
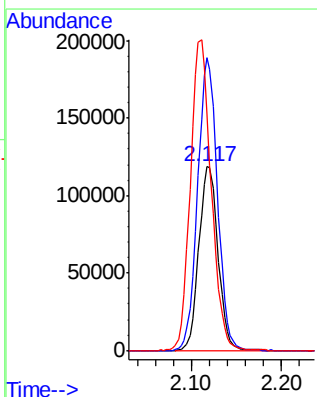
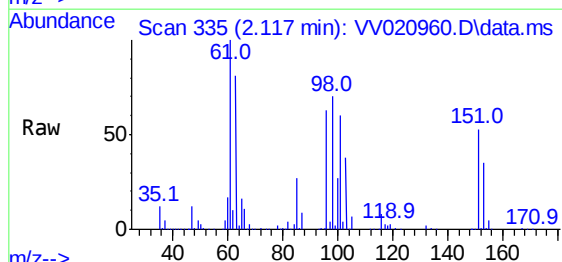
Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.4	53.0
151	87.9	63.5	95.3

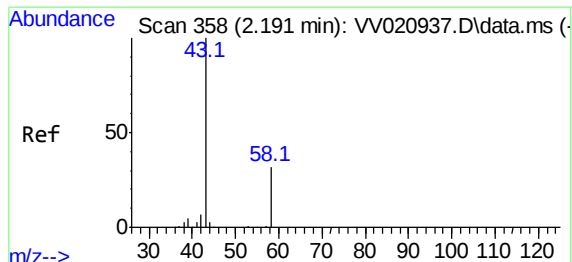


#12
 1,1-Dichloroethene
 Concen: 48.86 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020960.D
 Acq: 06 Apr 2021 20:20

Tgt Ion: 96 Resp: 173694

Ion	Ratio	Lower	Upper
96	100		
61	159.4	126.3	234.6
63	128.7	100.2	186.2

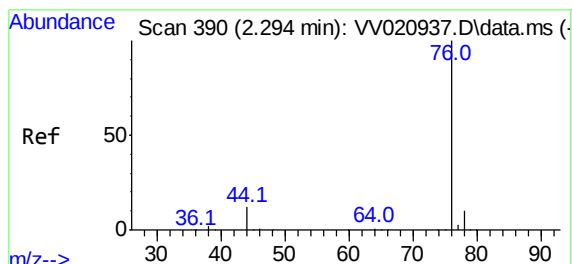
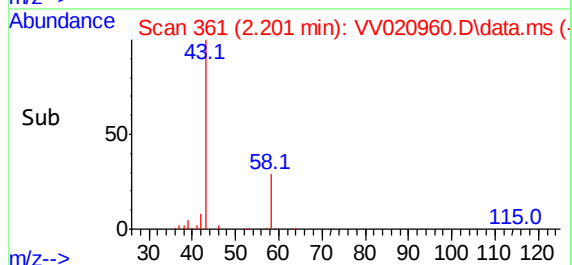
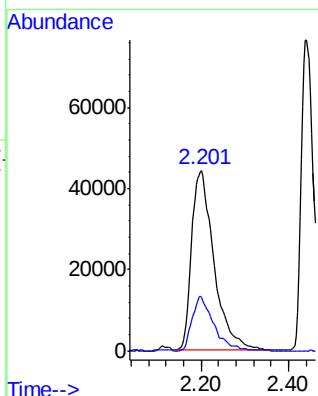
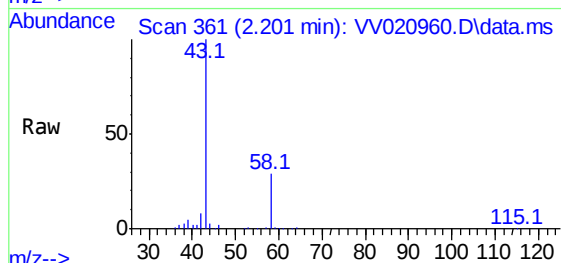




#13
Acetone
Concen: 77.61 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.010 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

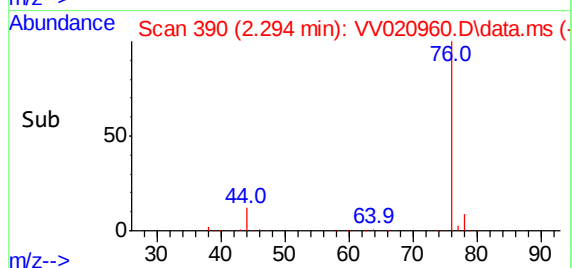
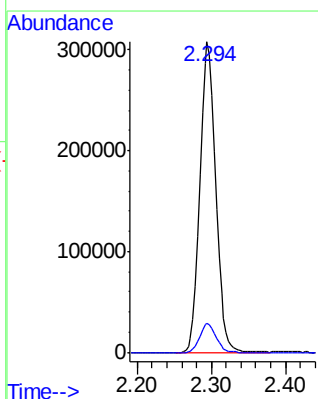
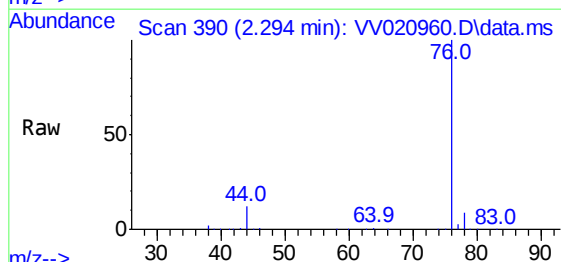
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

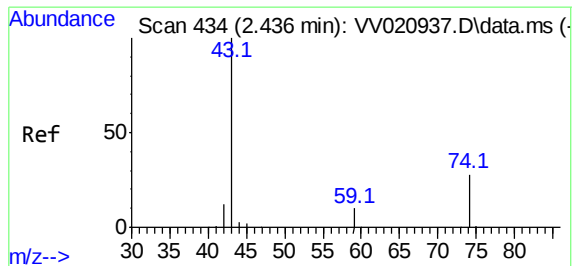
Tgt Ion: 43 Resp: 155727
Ion Ratio Lower Upper
43 100
58 26.2 0.0 60.8



#14
Carbon disulfide
Concen: 39.15 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 76 Resp: 460205
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

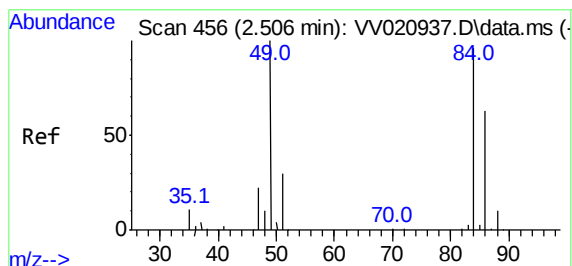
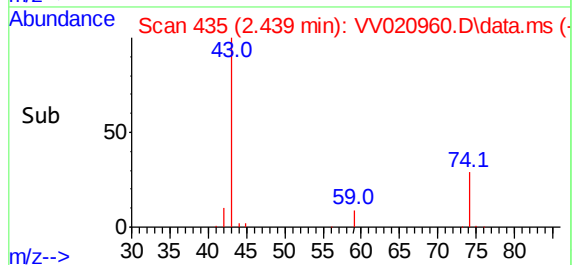
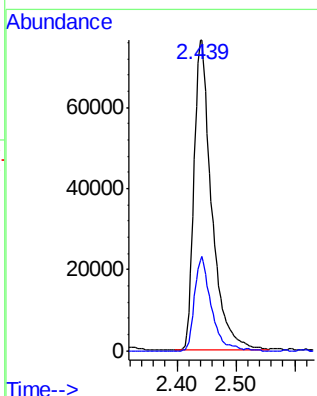
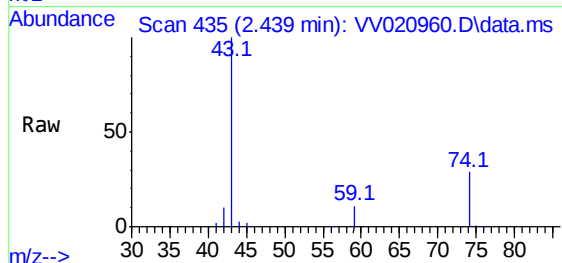




#15
Methyl Acetate
Concen: 38.62 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

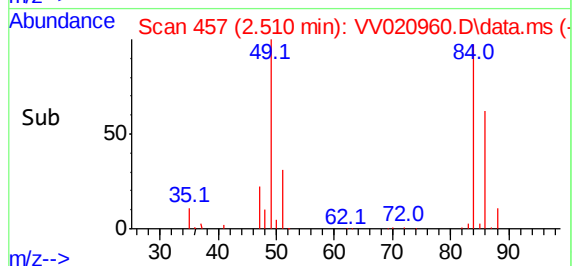
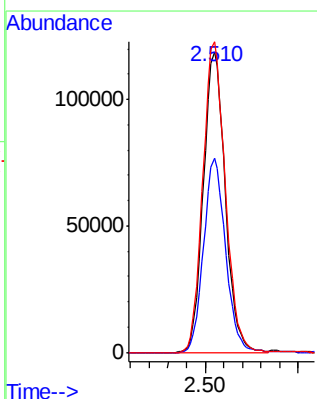
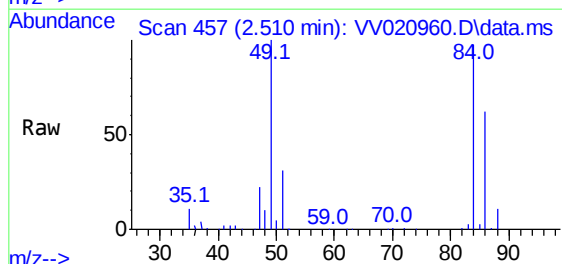
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

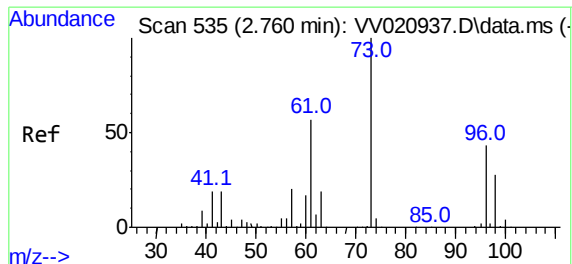
Tgt Ion: 43 Resp: 161780
Ion Ratio Lower Upper
43 100
74 28.5 18.4 27.6#



#16
Methylene chloride
Concen: 44.82 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 84 Resp: 194341
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 103.2 86.3 160.3

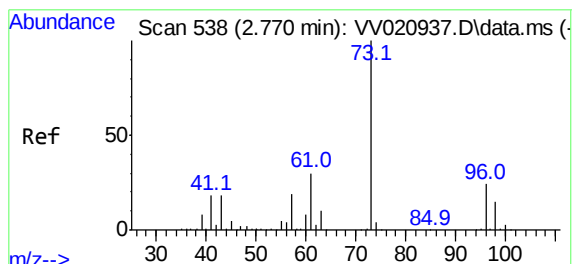
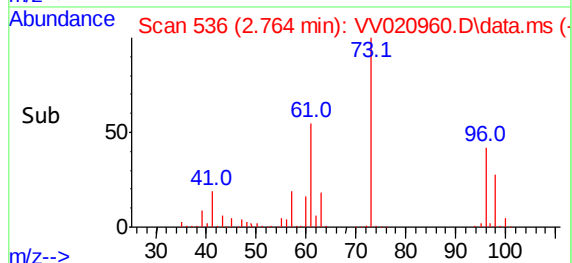
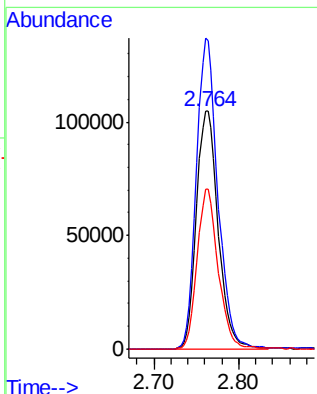
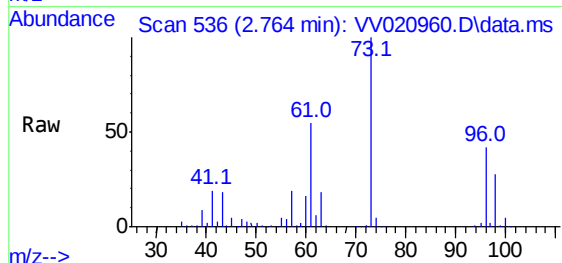




#17
trans-1,2-Dichloroethene
Concen: 45.62 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

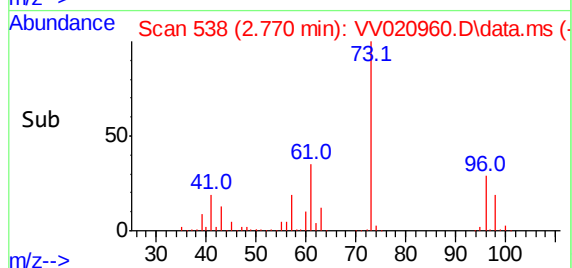
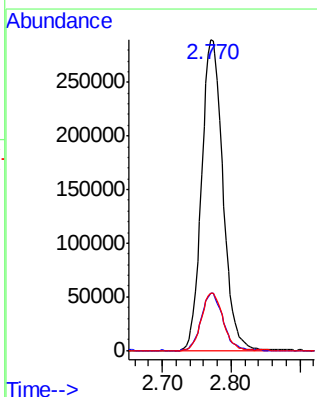
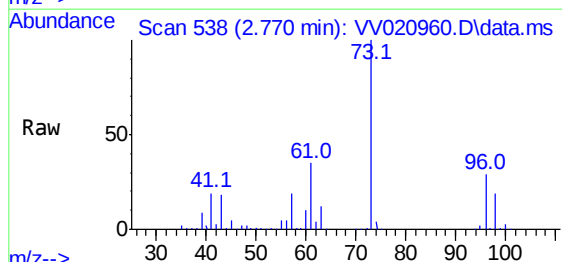
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

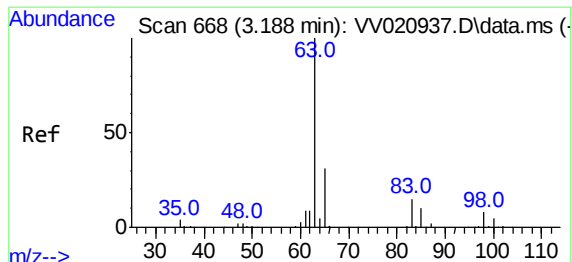
Tgt Ion: 96 Resp: 185997
Ion Ratio Lower Upper
96 100
61 129.8 97.9 181.9
98 67.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 49.20 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 73 Resp: 621907
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.0
57 18.8 17.0 25.6

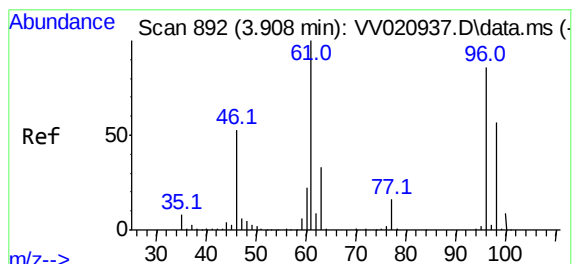
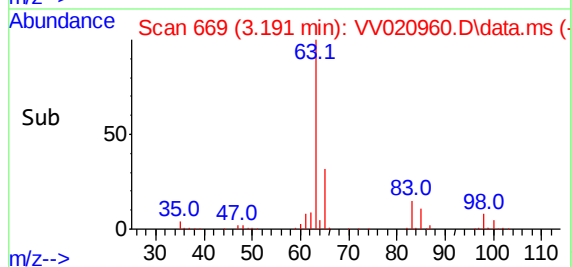
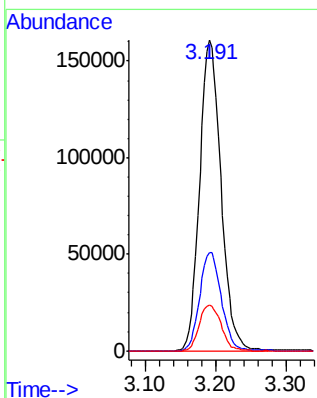
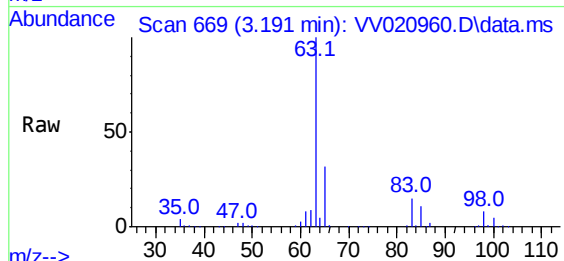




#19
1,1-Dichloroethane
Concen: 44.55 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

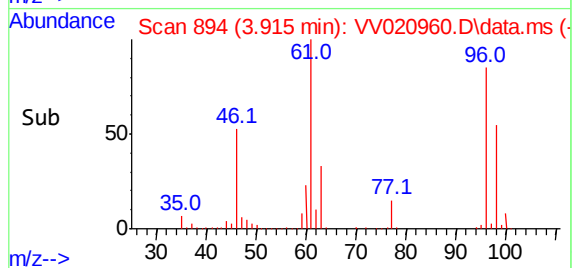
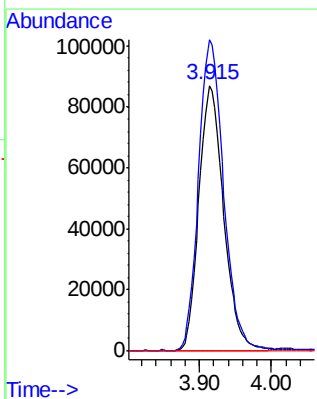
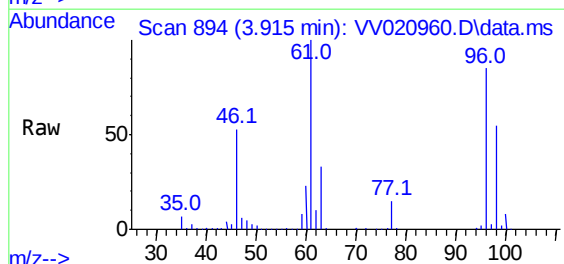
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

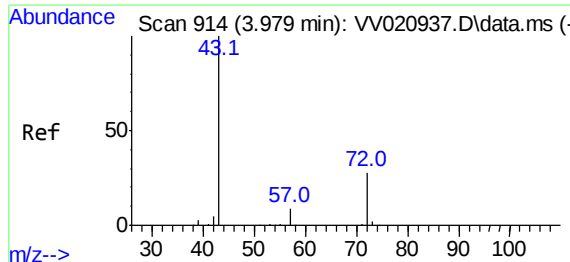
Tgt Ion: 63 Resp: 337445
Ion Ratio Lower Upper
63 100
65 31.6 22.5 41.9
83 14.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 47.41 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 96 Resp: 206783
Ion Ratio Lower Upper
96 100
61 117.2 89.9 167.0
68 0.0 0.0 0.0

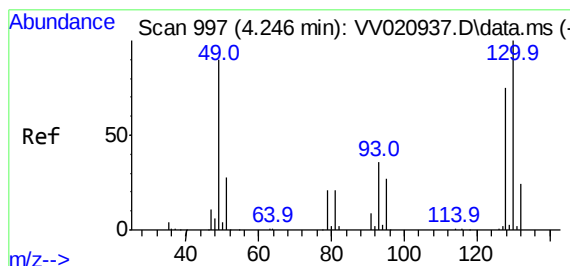
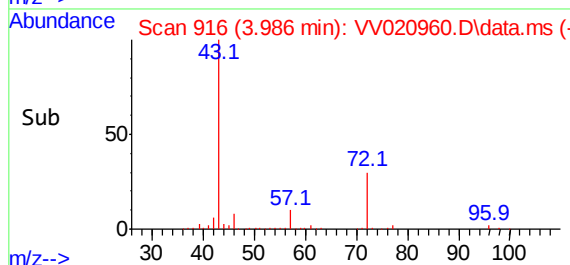
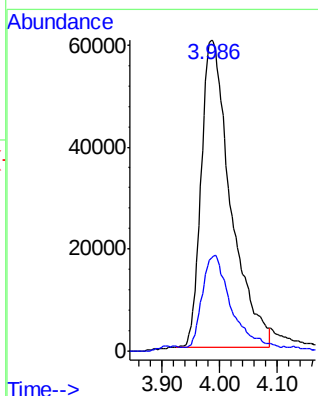
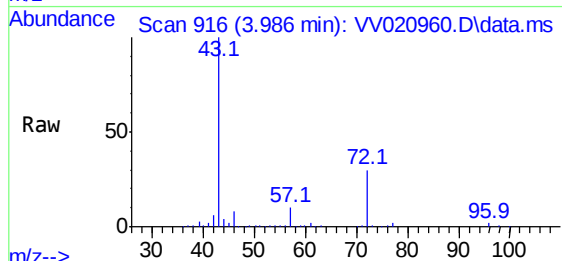




#22
2-Butanone
Concen: 73.03 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.007 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

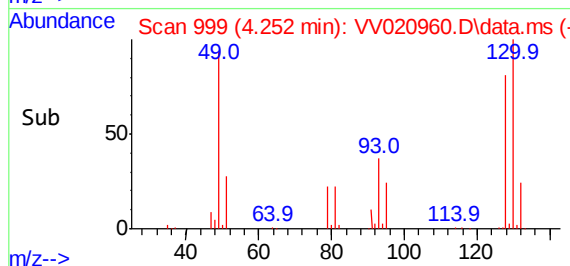
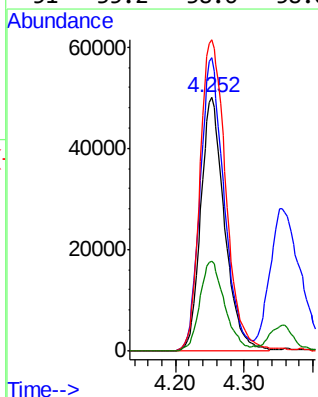
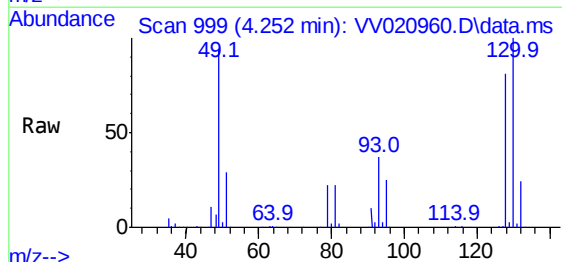
Instrument :
MSVOA_V
ClientSampled :
VSTD05076

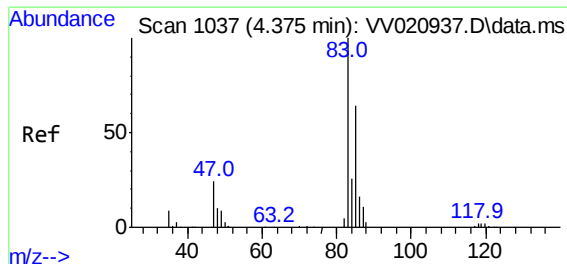
Tgt Ion: 43 Resp: 214487
Ion Ratio Lower Upper
43 100
72 27.4 11.9 35.9



#23
Bromochloromethane
Concen: 50.76 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 128 Resp: 119179
Ion Ratio Lower Upper
128 100
49 115.9 113.3 210.3
130 122.9 88.7 164.7
51 35.2 38.6 58.0#

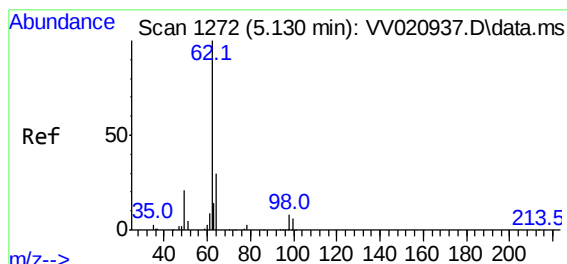
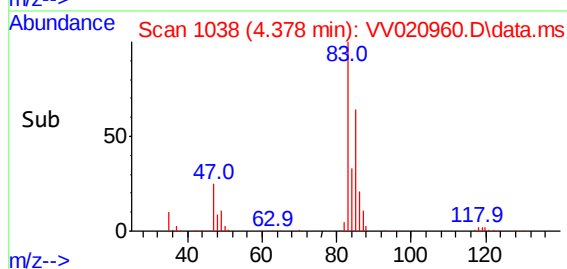
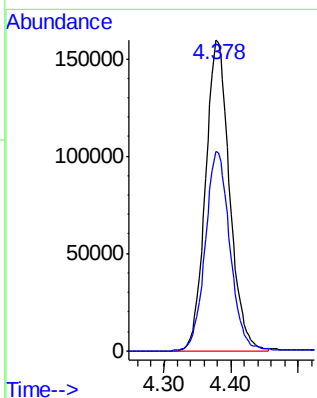
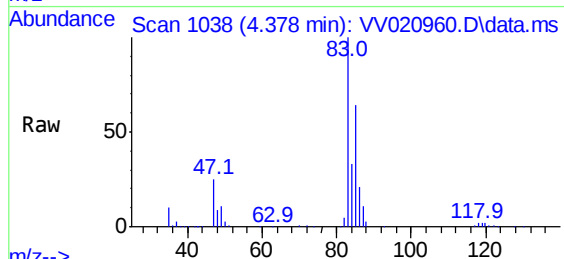




#25
Chloroform
Concen: 49.44 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

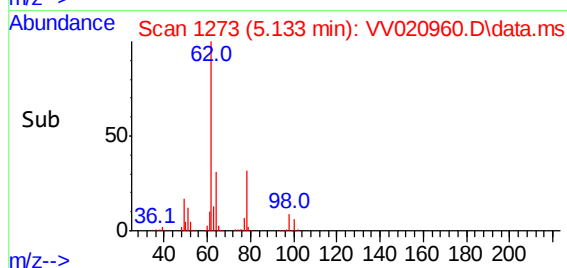
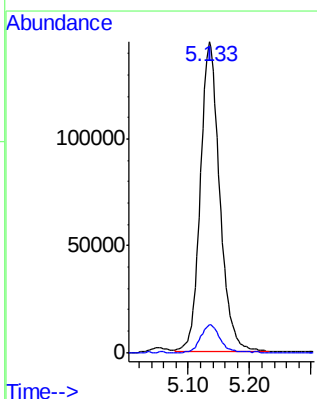
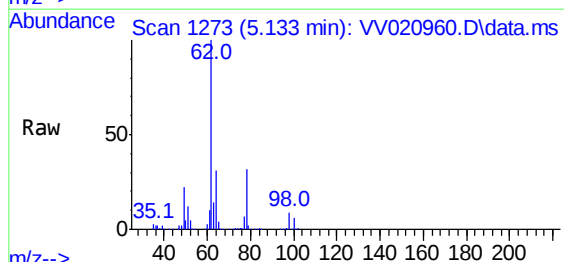
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

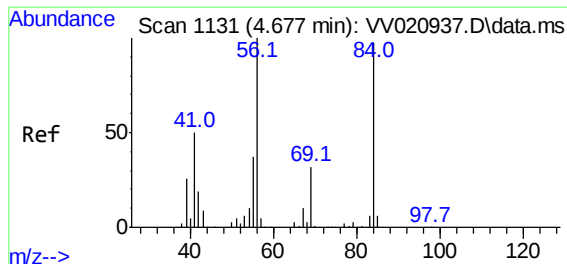
Tgt Ion: 83 Resp: 398277
Ion Ratio Lower Upper
83 100
85 64.3 46.7 86.7



#27
1,2-Dichloroethane
Concen: 49.14 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 62 Resp: 316233
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2



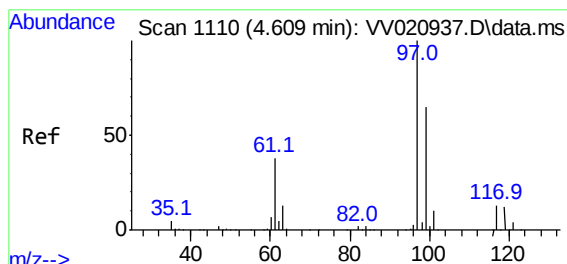
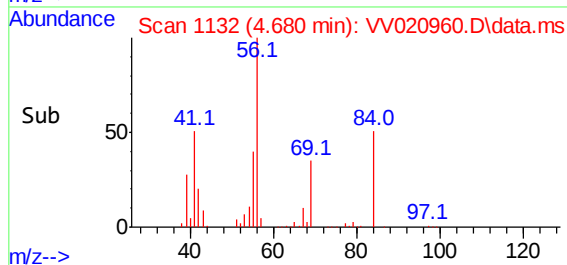
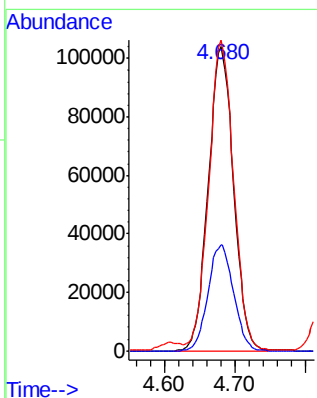
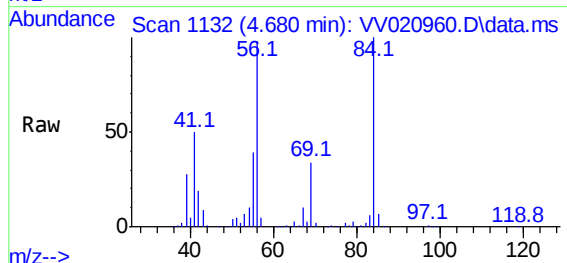


#29
Cyclohexane
Concen: 39.07 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 56 Resp: 258878

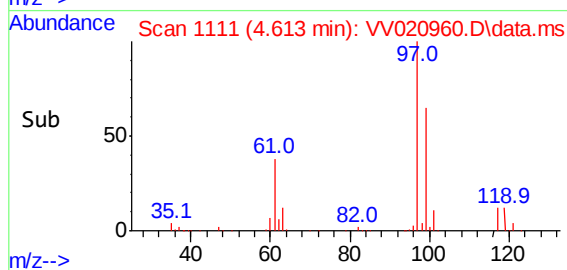
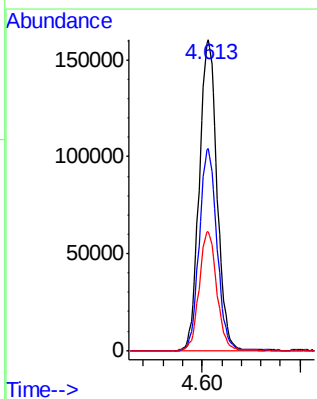
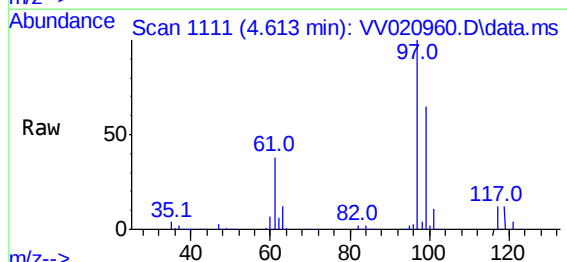
Ion	Ratio	Lower	Upper
56	100		
69	35.0	24.4	36.6
84	100.6	69.9	104.9

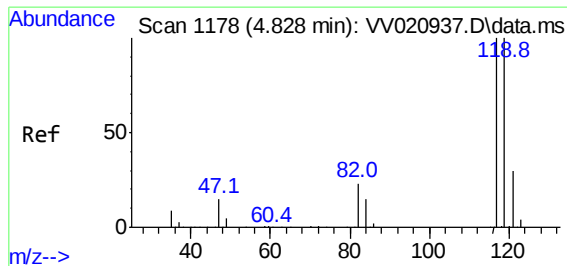


#30
1,1,1-Trichloroethane
Concen: 55.32 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 97 Resp: 400810

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	37.6	33.9	50.9

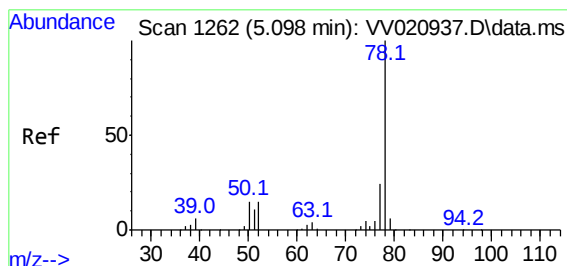
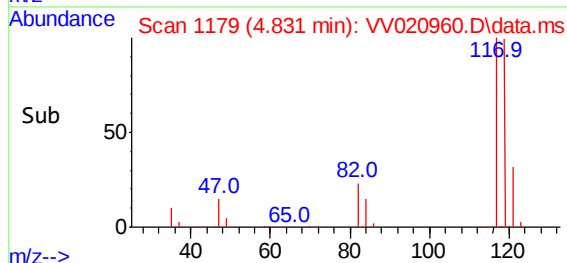
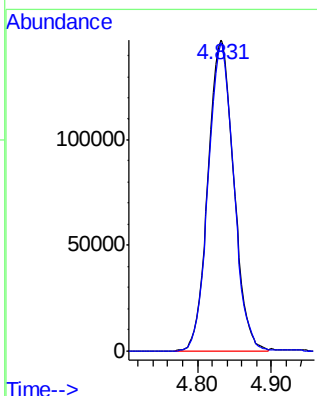
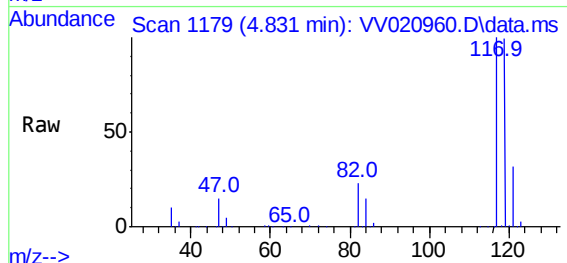




#31
Carbon tetrachloride
Concen: 54.86 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

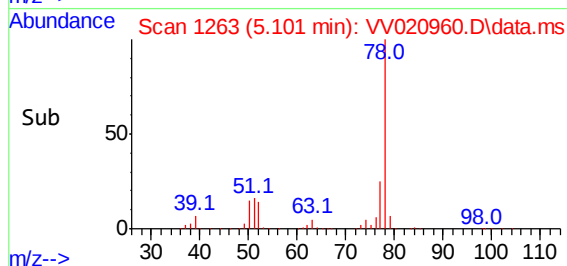
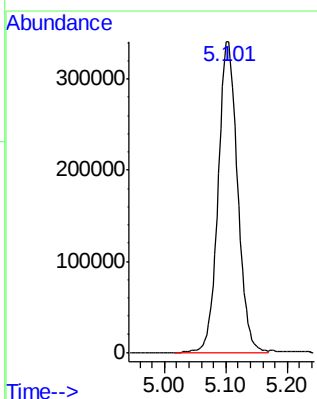
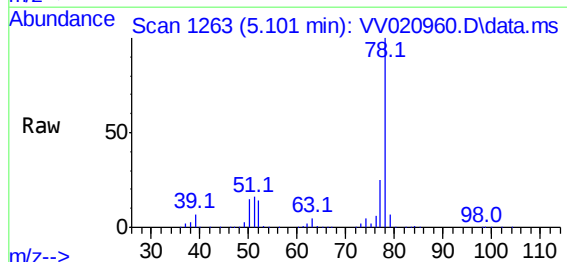
Instrument :
MSVOA_V
ClientSampled :
VSTD05076

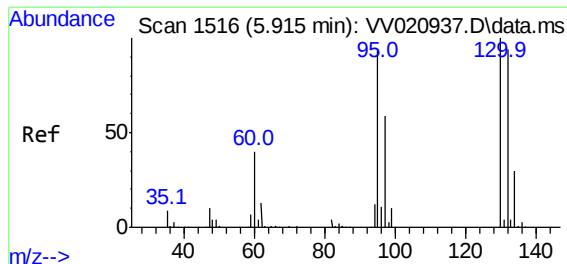
Tgt Ion:117 Resp: 355004
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3



#33
Benzene
Concen: 46.22 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 78 Resp: 746854

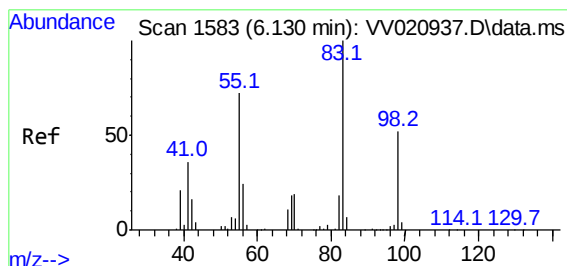
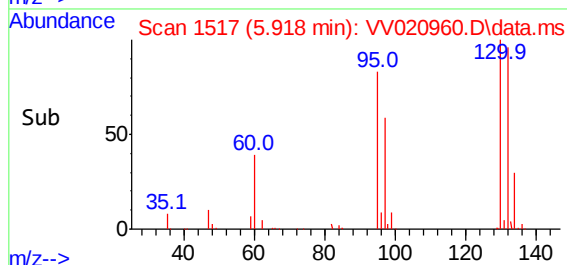
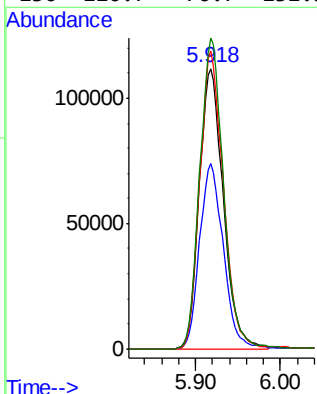
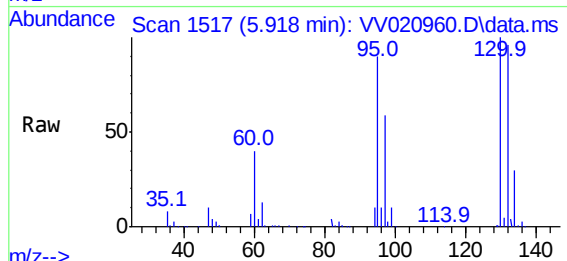




#34
Trichloroethene
Concen: 49.28 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

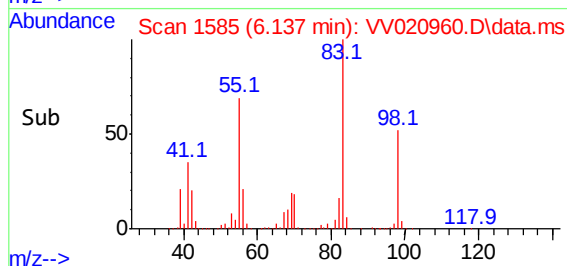
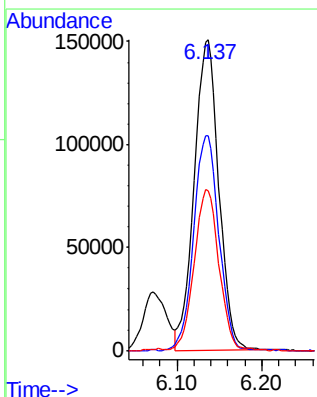
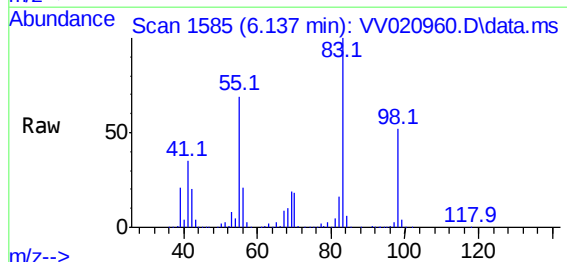
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

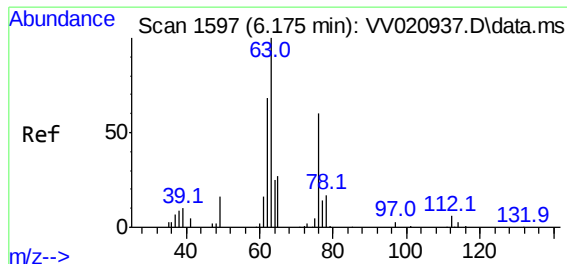
Tgt Ion: 95 Resp: 218271
Ion Ratio Lower Upper
95 100
97 65.8 43.5 80.9
132 106.1 69.5 129.1
130 110.7 70.7 131.3



#35
Methylcyclohexane
Concen: 44.41 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 83 Resp: 301791
Ion Ratio Lower Upper
83 100
55 71.0 62.7 94.1
98 52.4 38.9 58.3

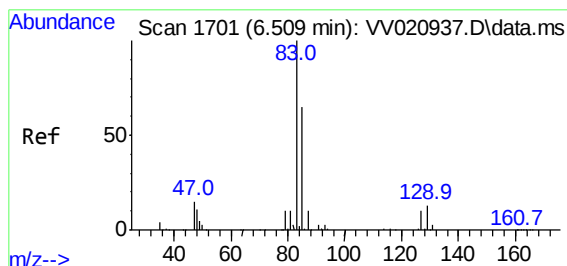
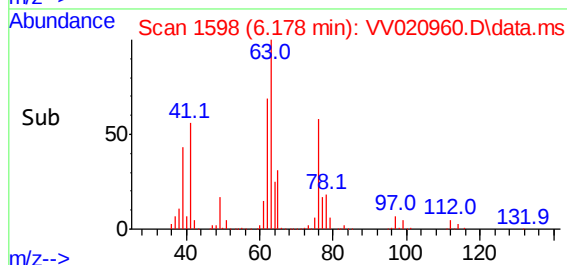
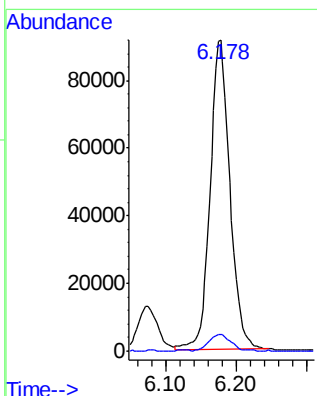
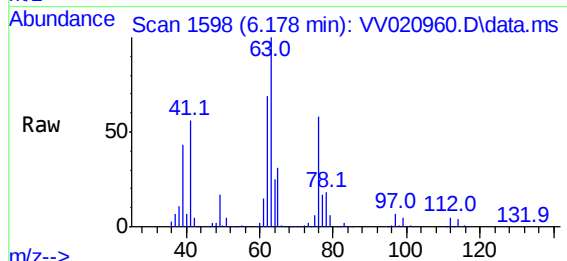




#37
1,2-Dichloropropane
Concen: 42.29 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

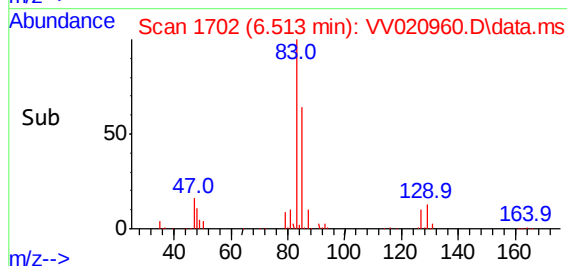
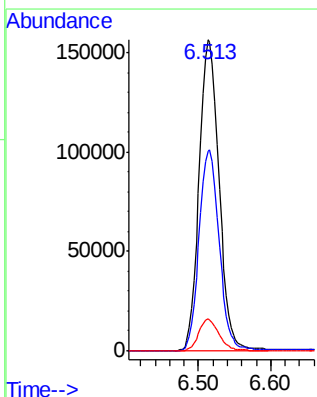
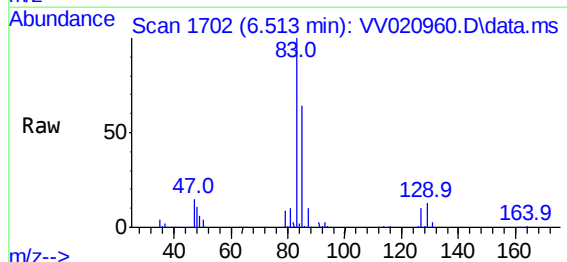
Instrument :
MSVOA_V
ClientSampled :
VSTD05076

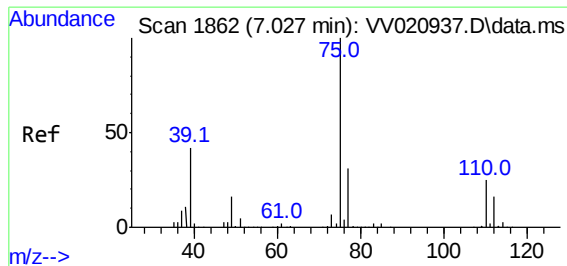
Tgt Ion: 63 Resp: 179212
Ion Ratio Lower Upper
63 100
112 5.9 3.7 5.5#



#38
Bromodichloromethane
Concen: 50.39 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 83 Resp: 299843
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
127 10.3 6.8 10.2#

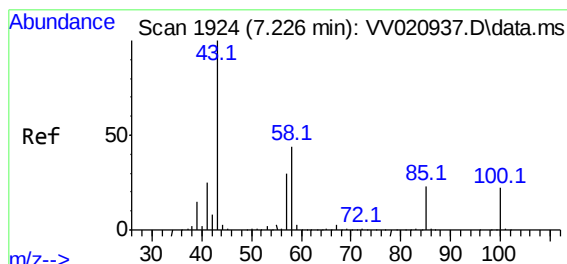
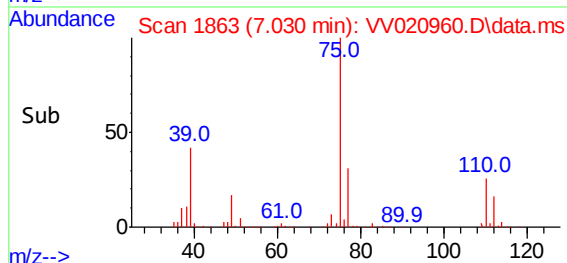
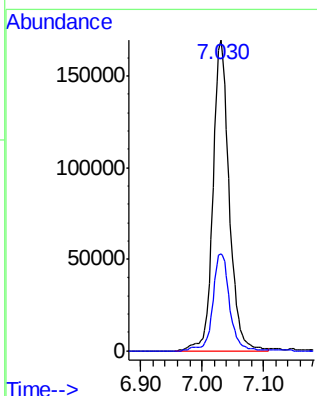
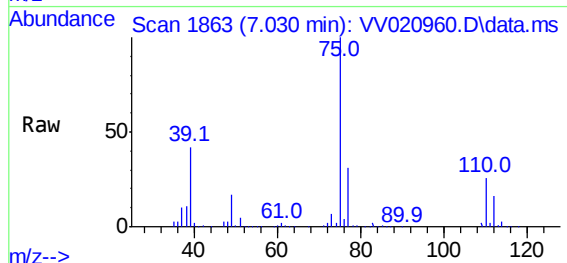




#39
cis-1,3-Dichloropropene
Concen: 48.10 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

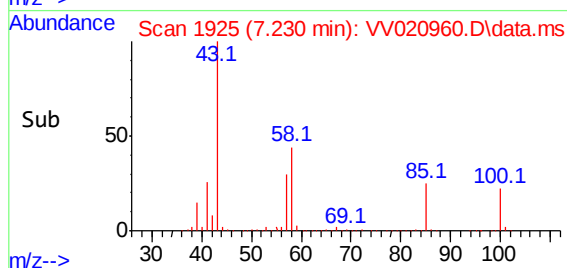
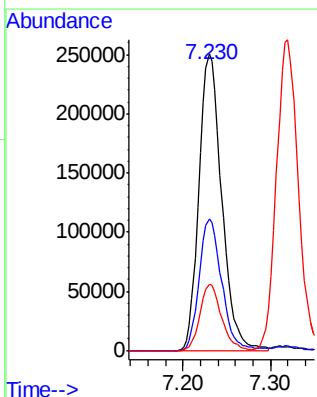
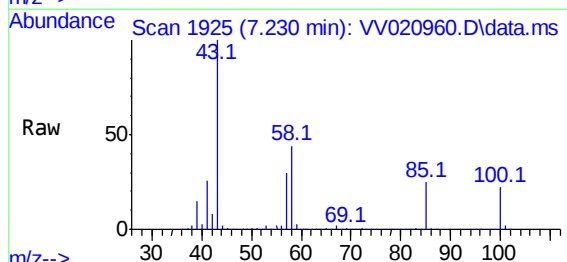
Instrument :
MSVOA_V
ClientSampled :
VSTD05076

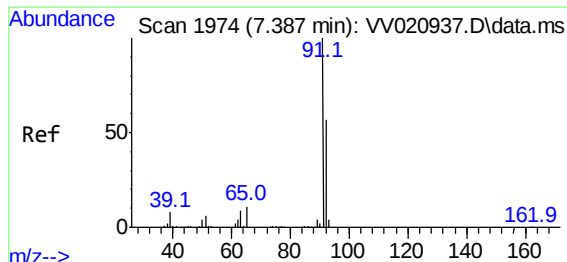
Tgt Ion: 75 Resp: 314695
Ion Ratio Lower Upper
75 100
77 31.3 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 79.49 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 43 Resp: 451705
Ion Ratio Lower Upper
43 100
58 43.9 32.3 48.5
100 21.2 13.0 19.4#





#42

Toluene

Concen: 49.31 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020960.D

Acq: 06 Apr 2021 20:20

Tgt Ion: 91 Resp: 865974

Ion Ratio Lower Upper

91 100

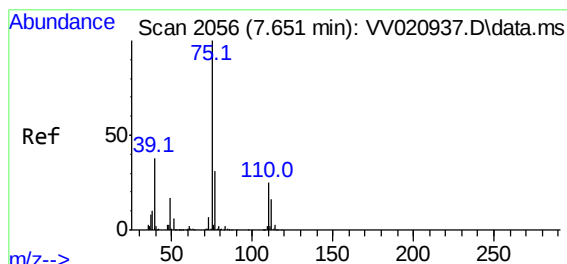
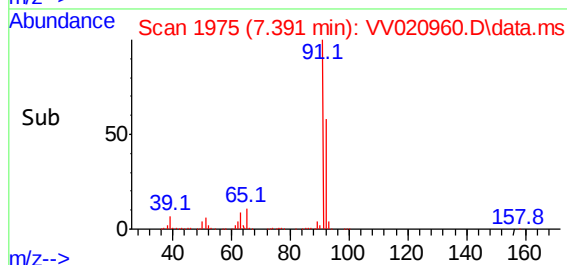
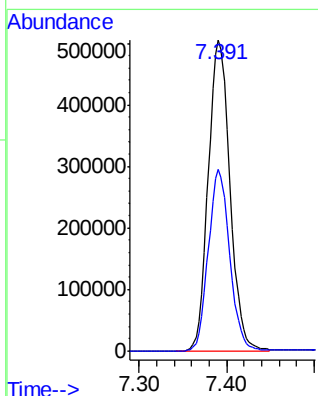
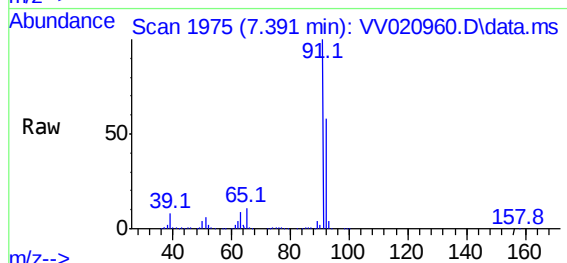
92 58.4 39.9 74.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD05076



#44

trans-1,3-Dichloropropene

Concen: 48.23 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020960.D

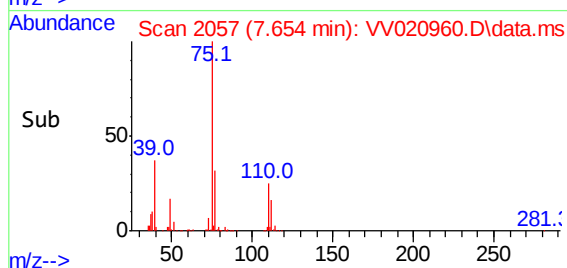
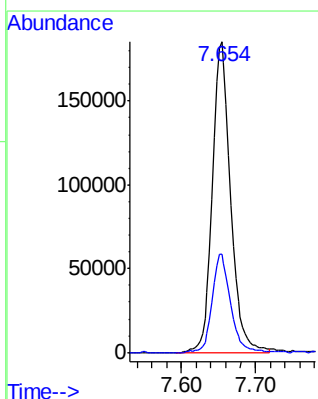
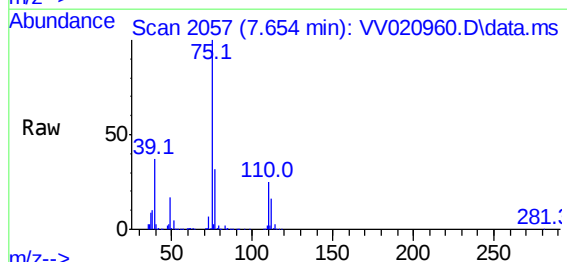
Acq: 06 Apr 2021 20:20

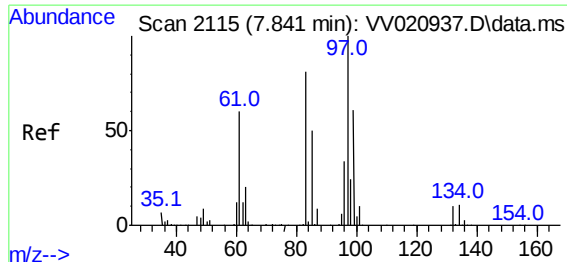
Tgt Ion: 75 Resp: 317674

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.0



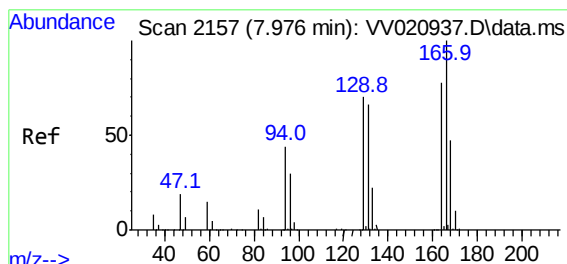
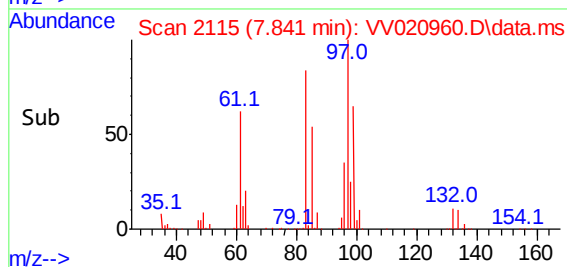
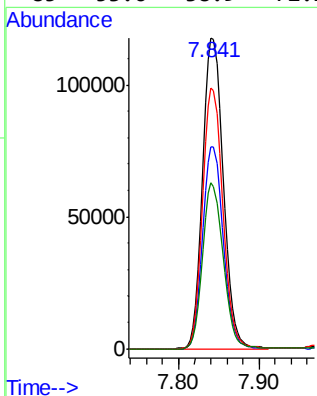
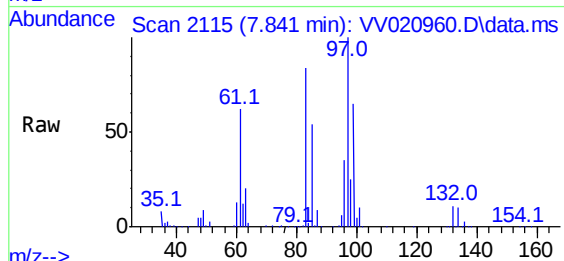


#45
1,1,2-Trichloroethane
Concen: 48.55 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 97 Resp: 202380

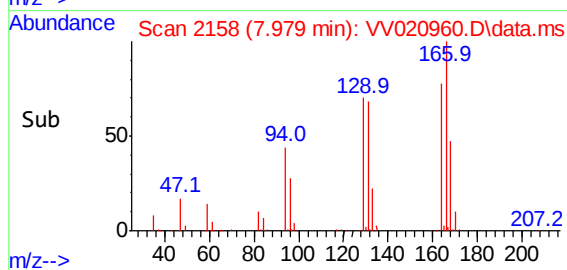
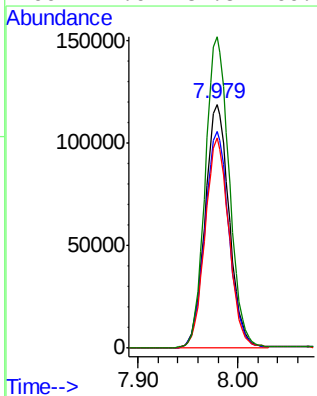
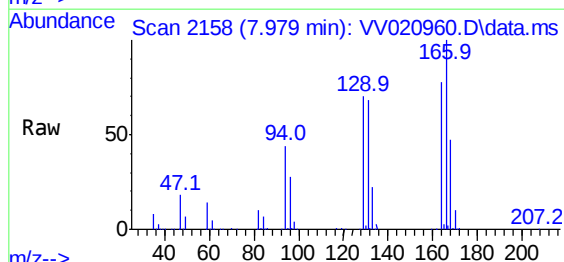
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.1	81.9
83	83.8	60.7	112.7
85	53.6	38.9	72.2

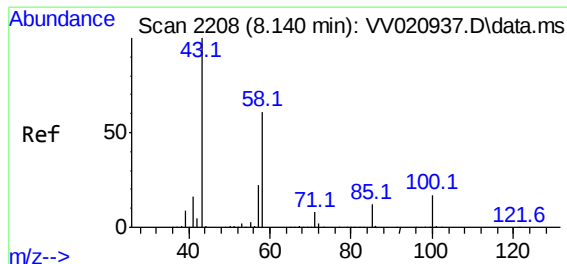


#46
Tetrachloroethene
Concen: 53.66 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 164 Resp: 198382

Ion	Ratio	Lower	Upper
164	100		
129	88.9	64.3	119.5
131	86.3	63.5	117.9
166	127.6	89.8	166.8

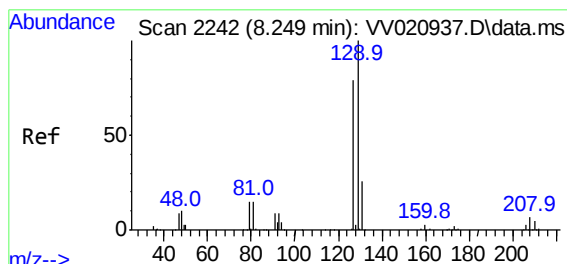
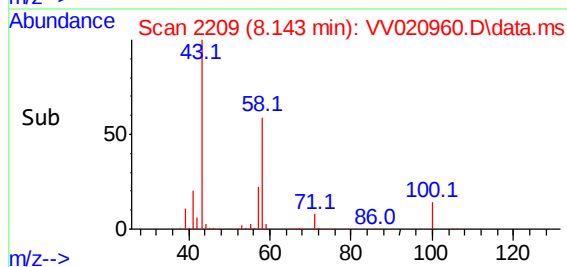
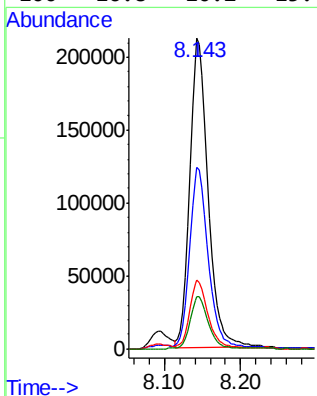
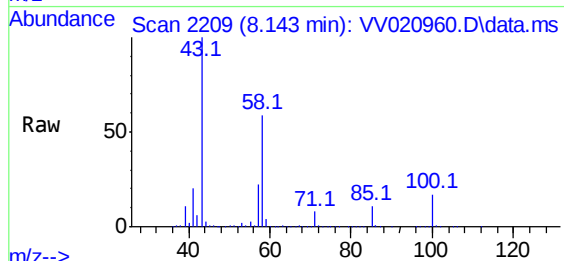




#48
2-Hexanone
Concen: 83.17 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

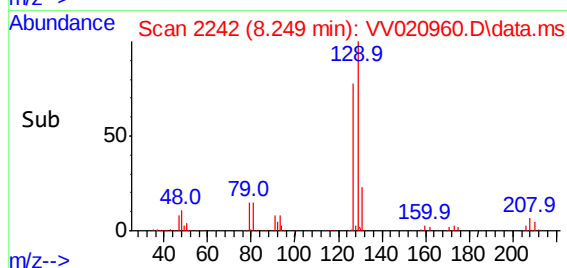
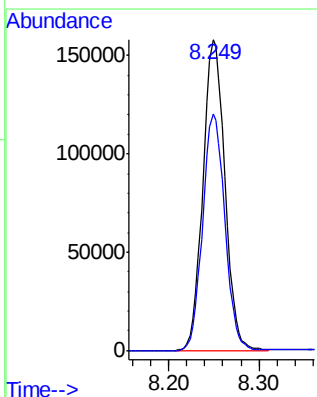
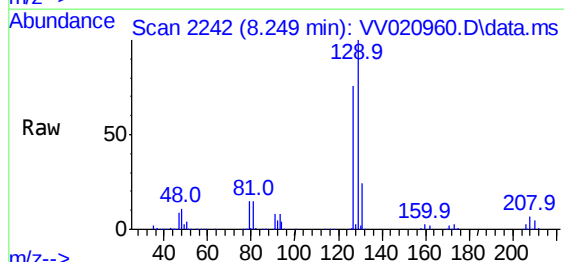
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

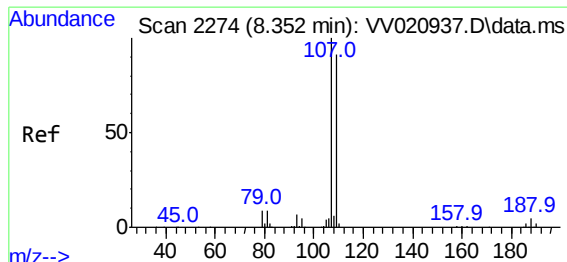
Tgt Ion: 43 Resp: 360772
Ion Ratio Lower Upper
43 100
58 57.9 45.8 68.8
57 22.4 15.4 23.2
100 16.8 10.2 15.4#



#49
Dibromochloromethane
Concen: 54.71 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 129 Resp: 265674
Ion Ratio Lower Upper
129 100
127 76.2 54.6 101.4

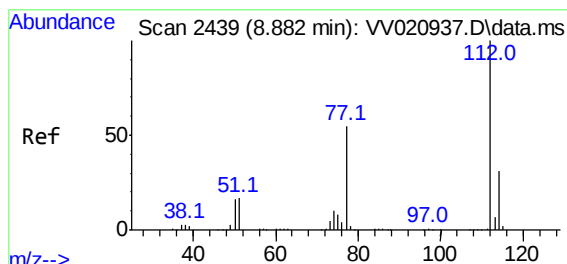
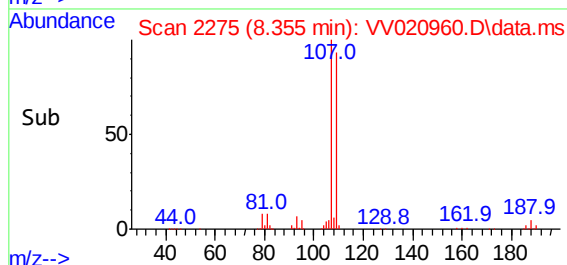
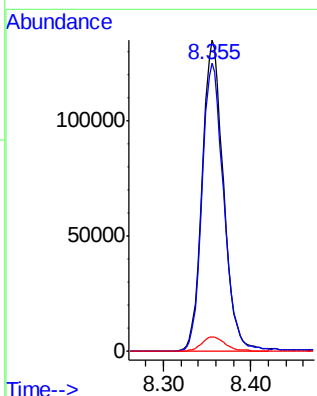
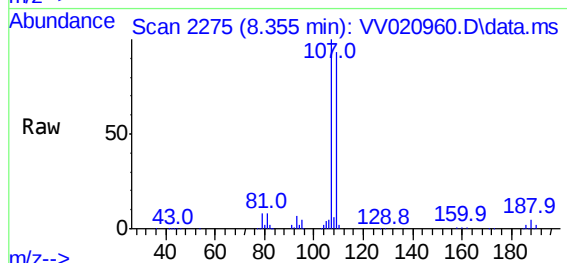




#50
1,2-Dibromoethane
Concen: 50.62 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

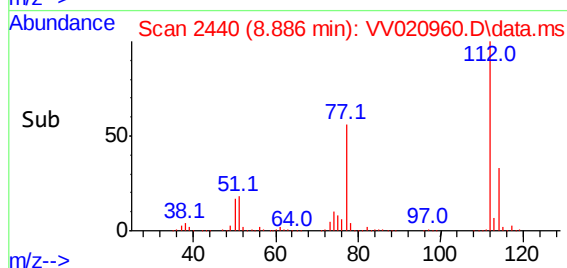
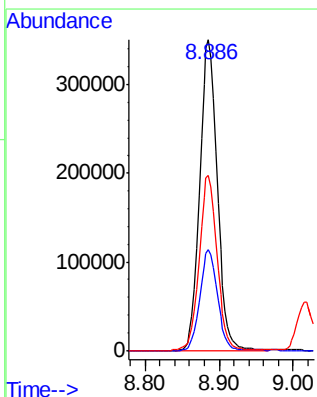
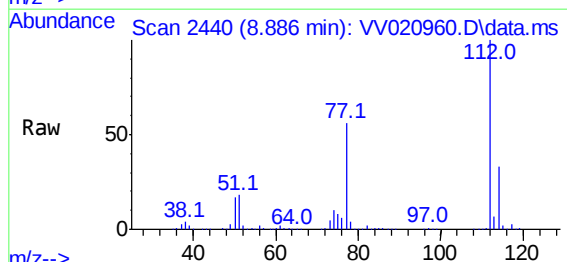
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

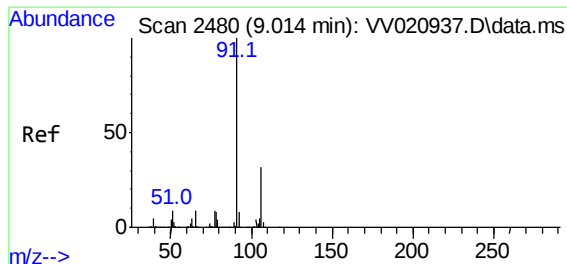
Tgt Ion:107 Resp: 226007
Ion Ratio Lower Upper
107 100
109 92.8 66.7 123.9
188 4.6 3.0 4.4#



#51
Chlorobenzene
Concen: 48.98 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion:112 Resp: 577475
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 56.4 46.7 70.1

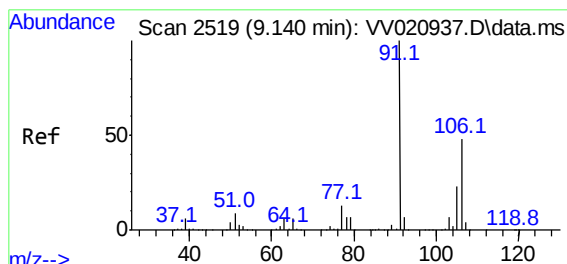
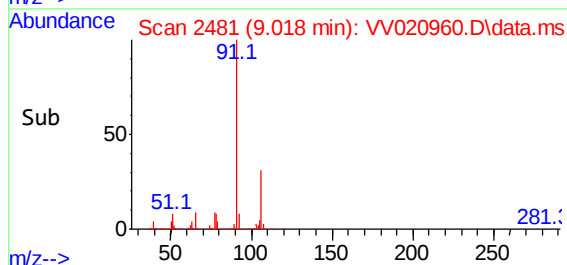
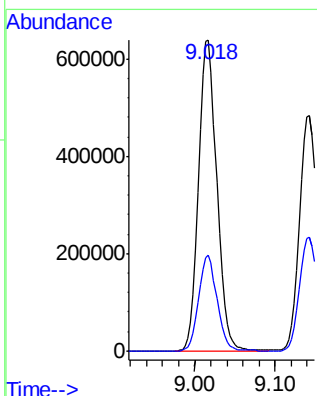
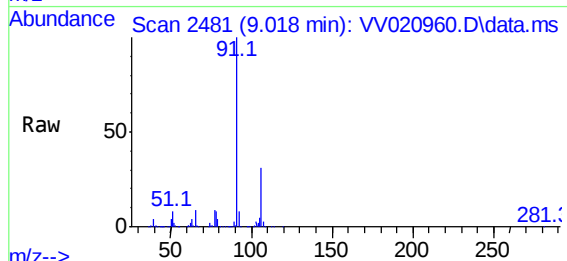




#52
Ethylbenzene
Concen: 48.91 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

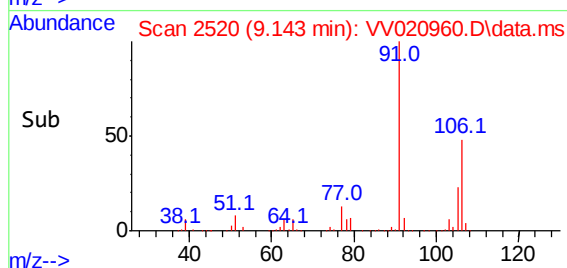
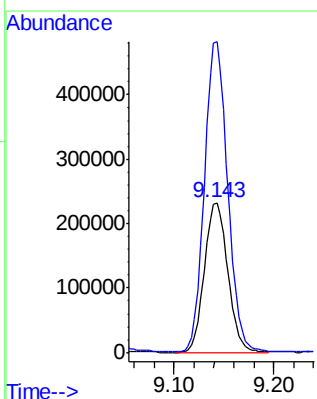
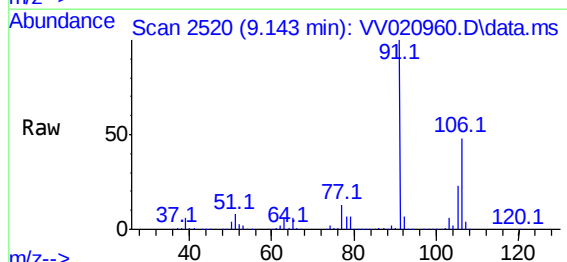
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

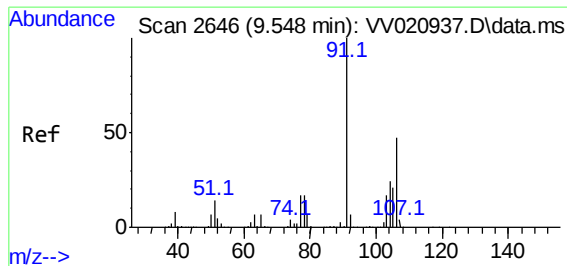
Tgt Ion: 91 Resp: 980236
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 50.67 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 106 Resp: 377737
Ion Ratio Lower Upper
106 100
91 207.1 145.7 270.7

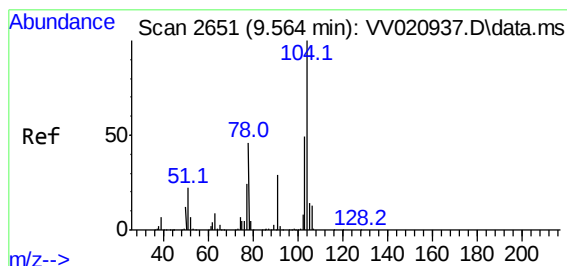
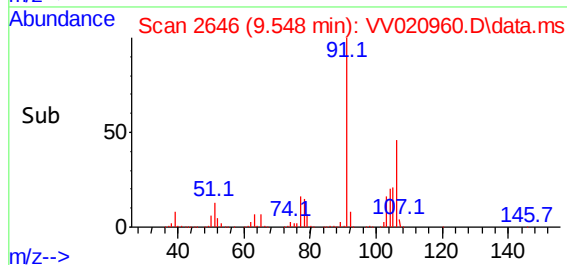
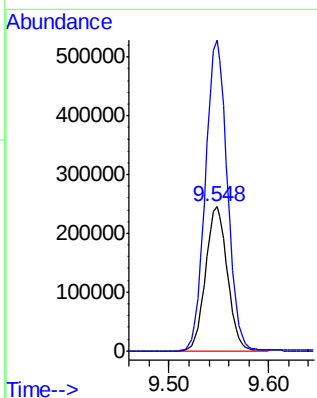
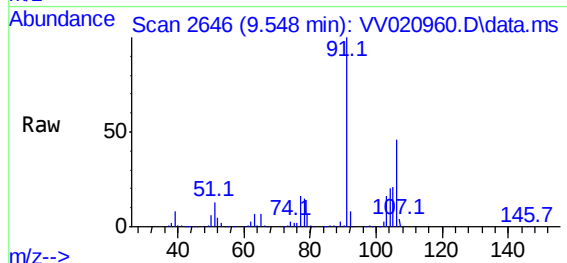




#54
o-xylene
Concen: 51.60 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

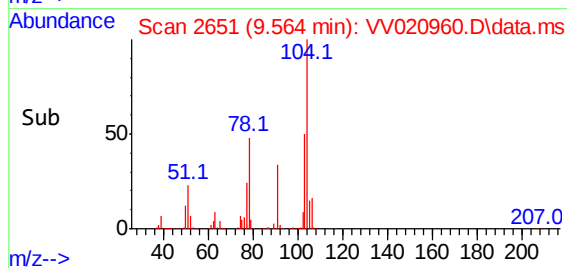
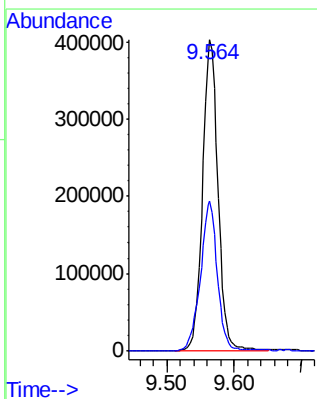
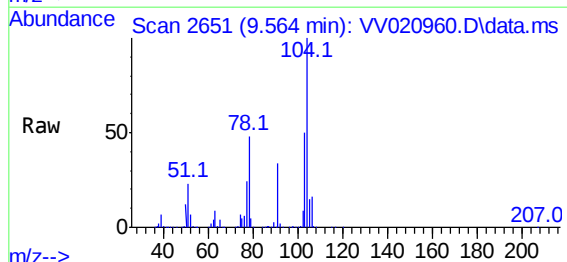
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

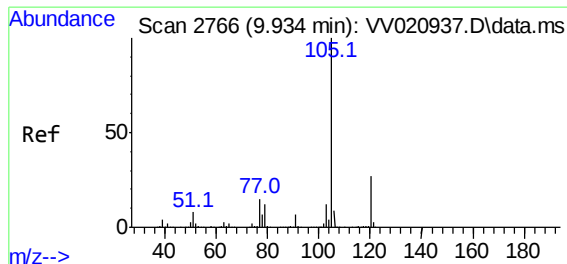
Tgt Ion:106 Resp: 370736
Ion Ratio Lower Upper
106 100
91 216.0 157.8 293.1



#55
Styrene
Concen: 50.97 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

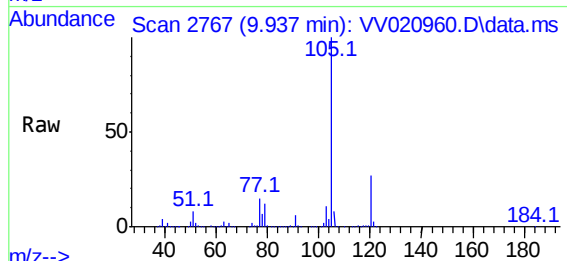
Tgt Ion:104 Resp: 643512
Ion Ratio Lower Upper
104 100
78 48.1 33.6 62.4





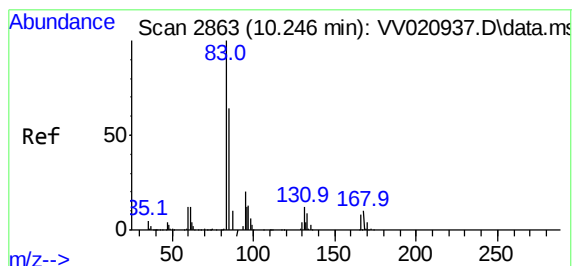
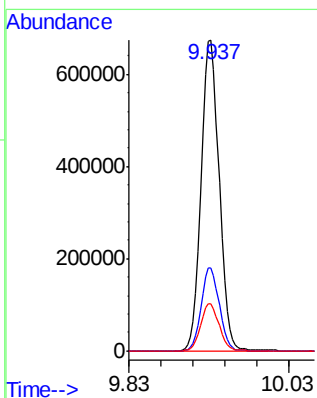
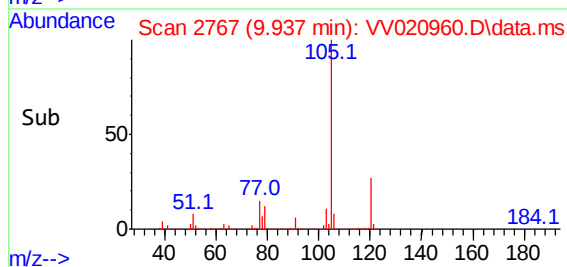
#56
Isopropylbenzene
Concen: 51.52 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076



Tgt Ion:105 Resp: 1019449

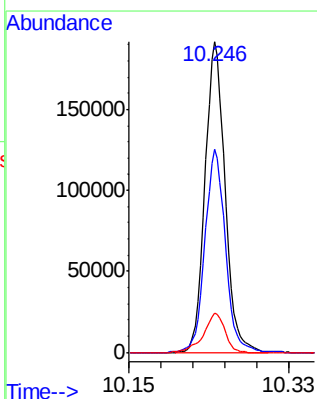
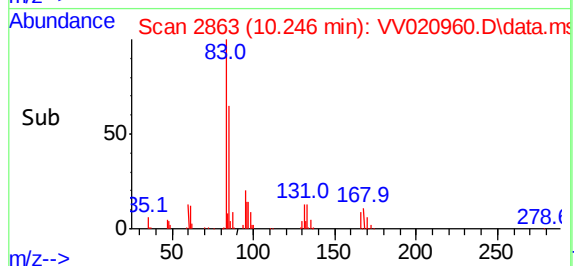
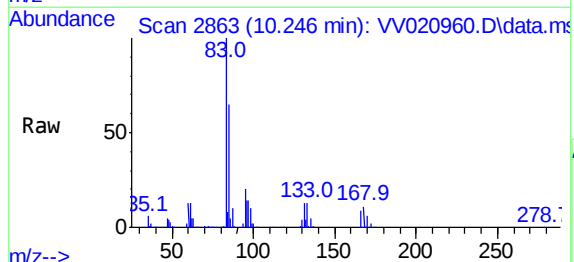
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.8	31.2
77	15.4	12.9	19.3

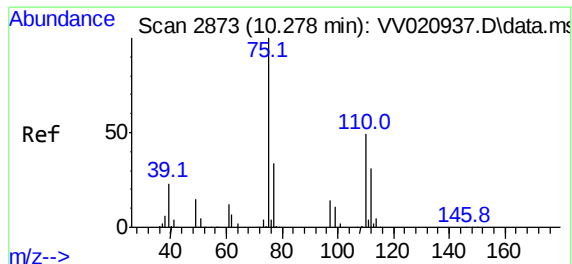


#58
1,1,2,2-Tetrachloroethane
Concen: 44.73 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 83 Resp: 304147

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.7	83.1
131	12.7	8.6	12.8

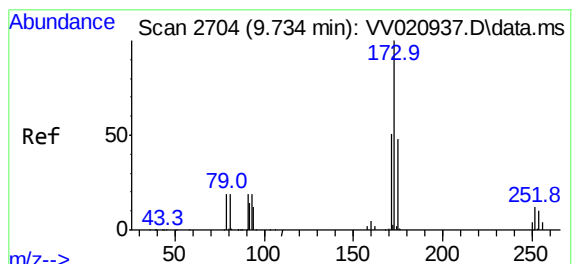
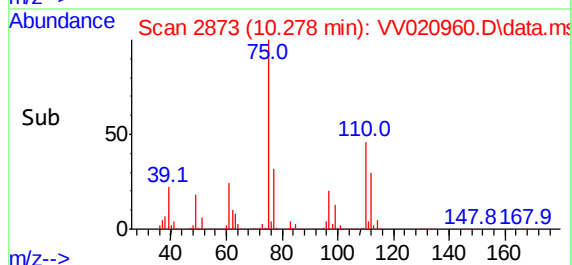
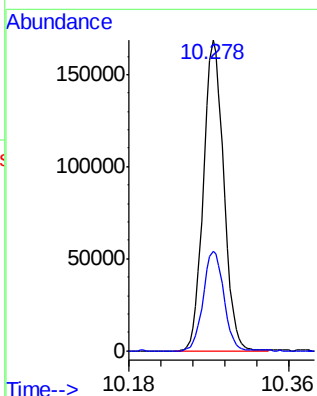
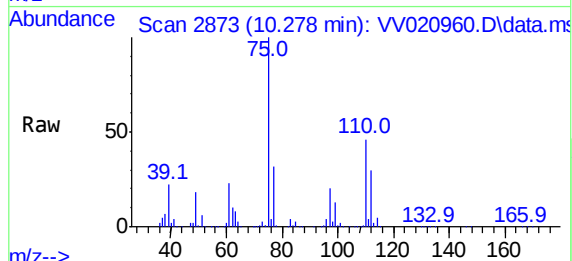




#59
1,2,3-Trichloropropane
Concen: 47.19 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

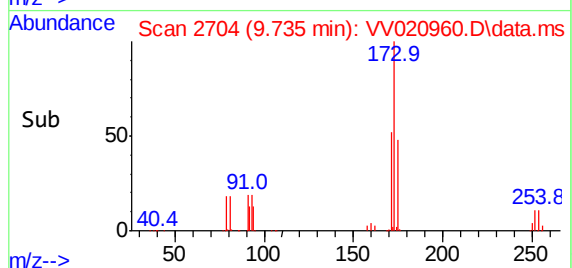
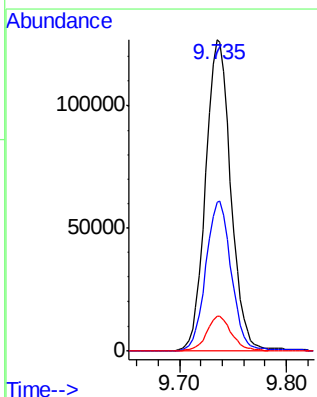
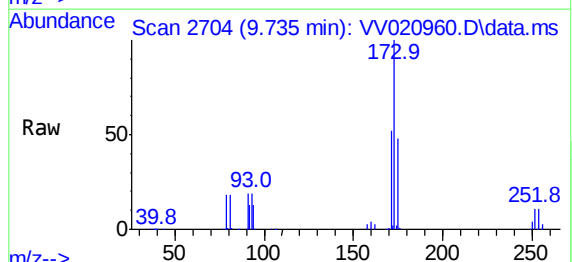
Instrument :
MSVOA_V
ClientSampled :
VSTD05076

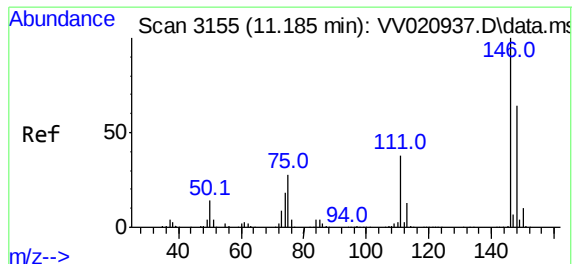
Tgt Ion: 75 Resp: 261105
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9



#61
Bromoform
Concen: 51.46 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 173 Resp: 204982
Ion Ratio Lower Upper
173 100
175 48.5 38.4 57.6
254 10.6 8.5 12.7

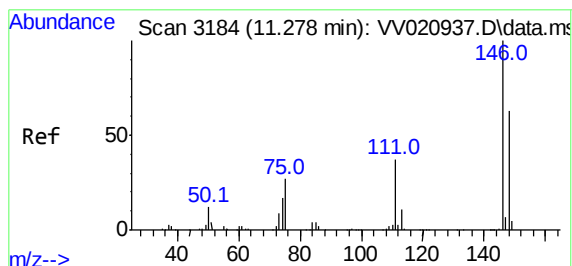
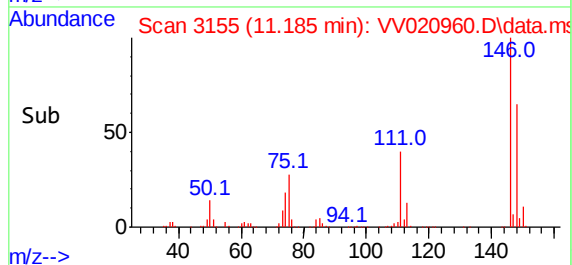
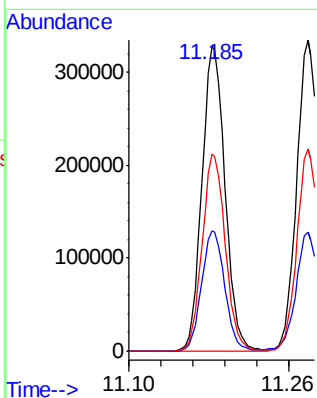
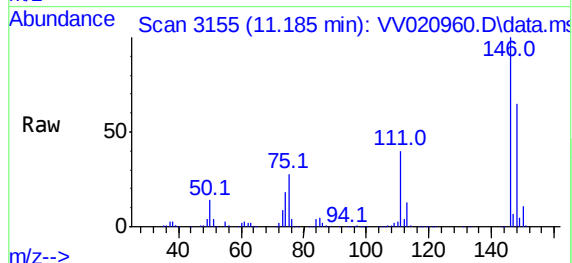




#62
1,3-Dichlorobenzene
Concen: 47.44 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

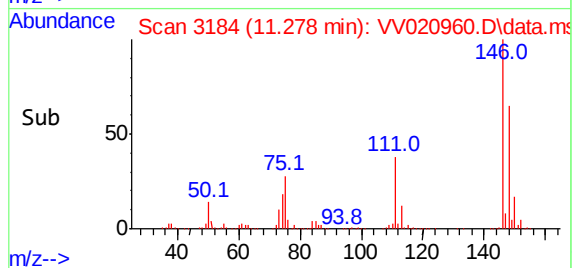
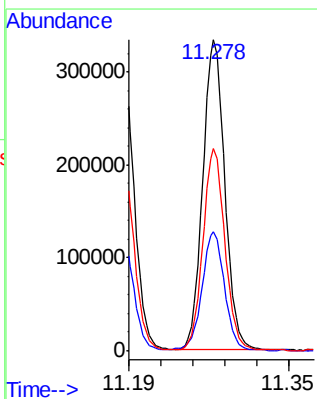
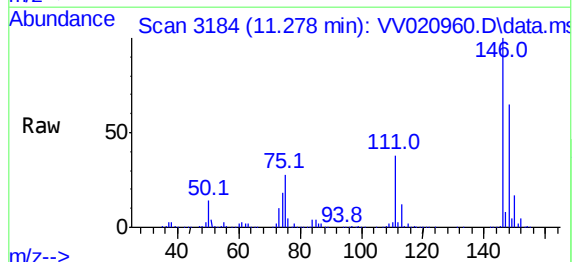
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

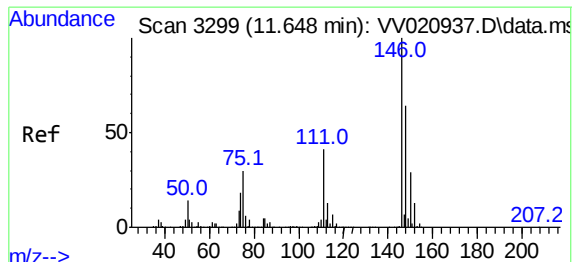
Tgt Ion:146 Resp: 507939
Ion Ratio Lower Upper
146 100
111 39.5 27.4 51.0
148 64.6 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 45.92 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion:146 Resp: 511312
Ion Ratio Lower Upper
146 100
111 38.2 26.0 48.4
148 65.1 44.1 81.9

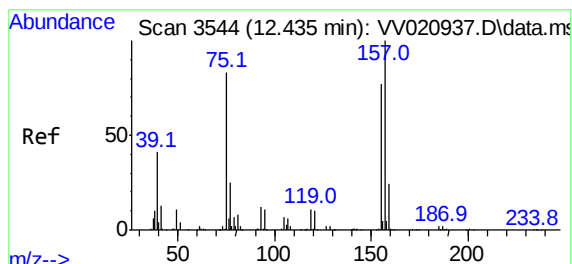
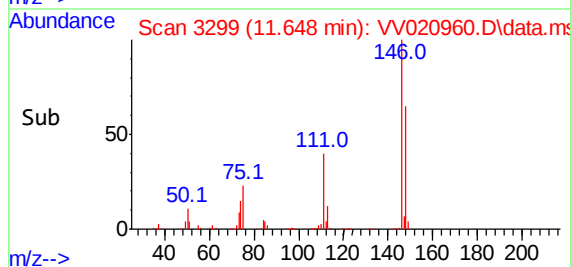
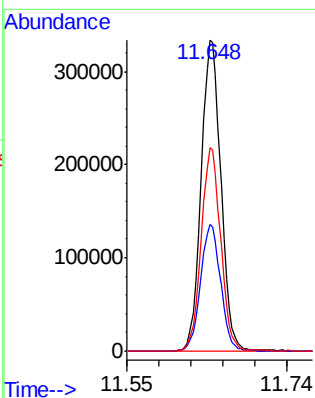
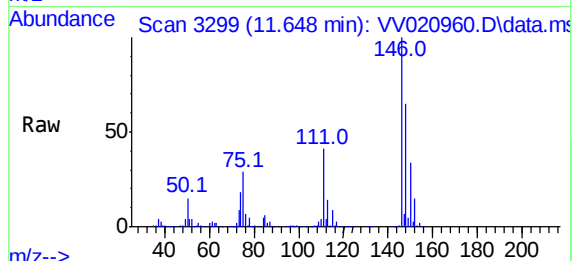




#65
1,2-Dichlorobenzene
Concen: 49.39 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

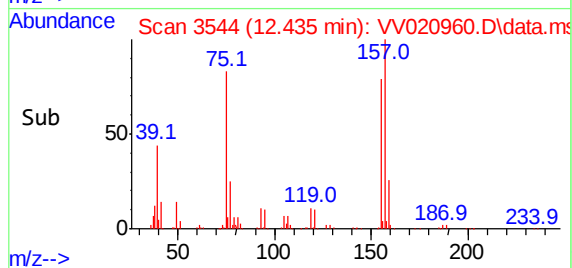
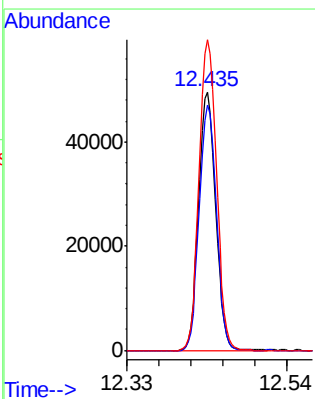
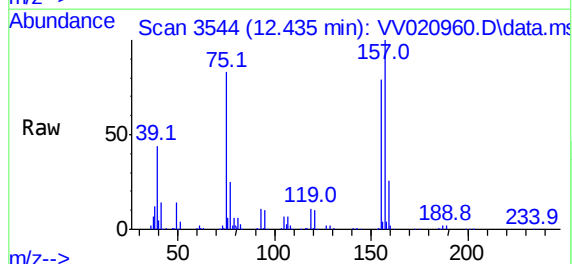
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

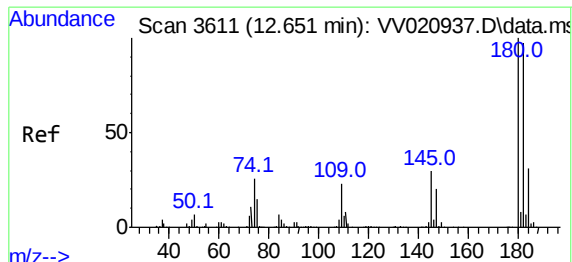
Tgt Ion:146 Resp: 521191
Ion Ratio Lower Upper
146 100
111 40.8 34.1 51.1
148 65.3 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 43.08 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion: 75 Resp: 76849
Ion Ratio Lower Upper
75 100
155 94.8 65.3 97.9
157 120.0 85.8 128.6

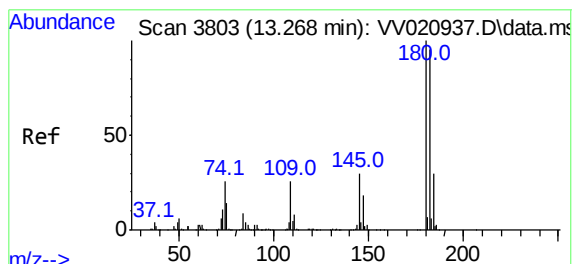
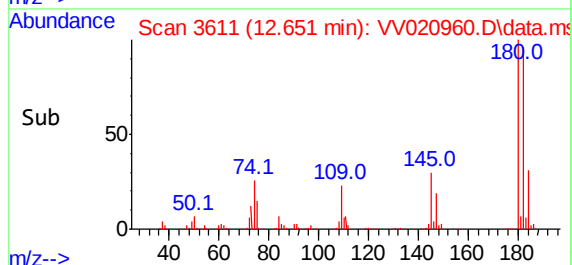
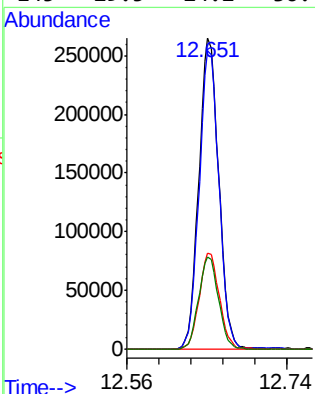
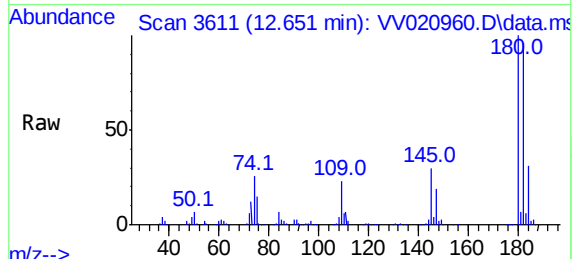




#67
1,3,5-Trichlorobenzene
Concen: 48.18 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

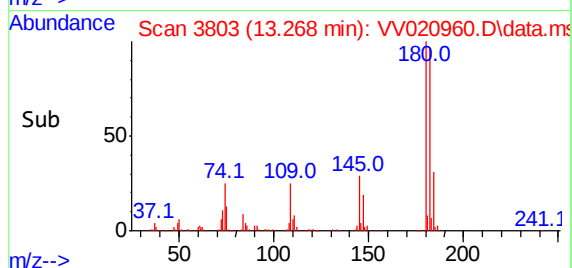
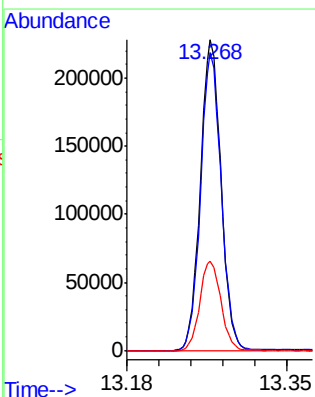
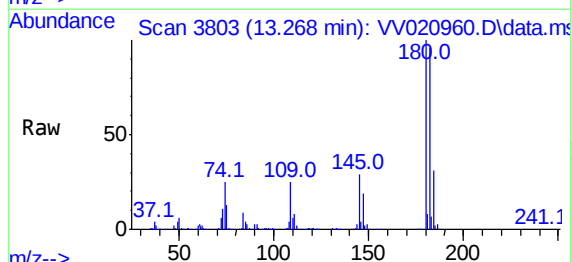
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

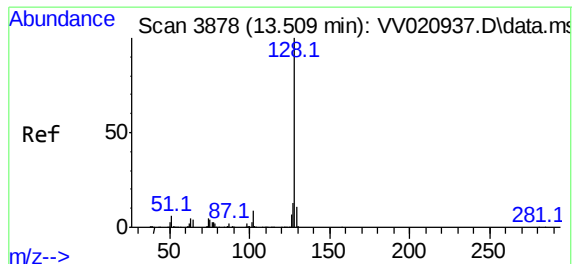
Tgt Ion:180 Resp: 399849
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
184 31.0 24.5 36.7
145 29.5 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 47.76 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion:180 Resp: 336102
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 29.3 23.9 35.9

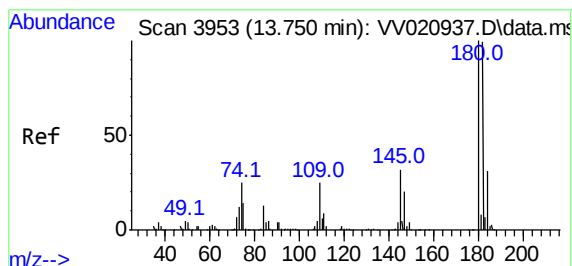
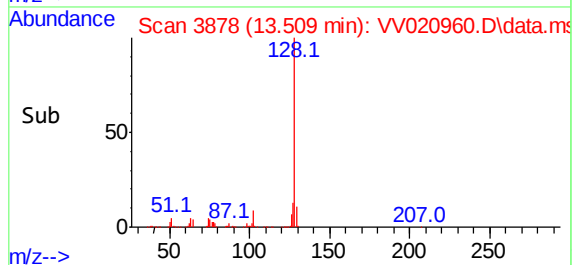
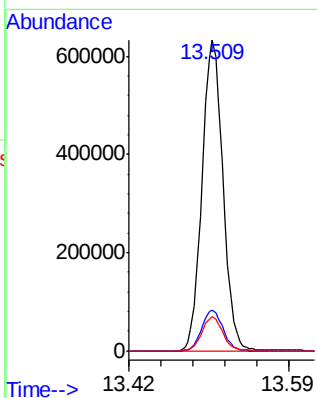
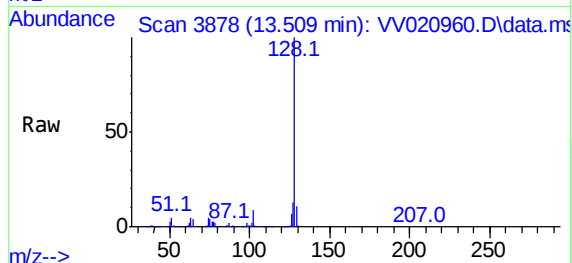




#69
Naphthalene
Concen: 47.11 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion:128 Resp: 948943
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 48.98 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020960.D
Acq: 06 Apr 2021 20:20

Tgt Ion:180 Resp: 345163
Ion Ratio Lower Upper
180 100
182 97.0 75.2 112.8
145 32.9 25.5 38.3

