

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020521\
 Data File : VW020271.D
 Acq On : 05 Feb 2021 11:31
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 05 11:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:23:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	643274	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	633754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	356551	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	910464	300.51	ug/L	0.00
7) Chloroethane-d5	1.569	69	727810	285.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	1734365	289.28	ug/L	0.00
21) 2-Butanone-d5	3.888	46	1116686	500.45	ug/L	0.00
24) Chloroform-d	4.351	84	1652554	232.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	1048811	240.01	ug/L	0.00
32) Benzene-d6	5.052	84	3197042	228.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	978278	235.88	ug/L	0.00
41) Toluene-d8	7.318	98	3094215	225.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	547660	250.67	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	946772	520.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	1435883	225.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	1326948	200.49	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	1115426	273.17	ug/L	100
3) Chloromethane	1.242	50	986077	295.37	ug/L	98
5) Vinyl chloride	1.312	62	1074549	290.14	ug/L	100
6) Bromomethane	1.524	94	673740	270.92	ug/L	97
8) Chloroethane	1.586	64	661429	294.04	ug/L	99
9) Trichlorofluoromethane	1.750	101	1583398	269.79	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	790876	227.89	ug/L	93
12) 1,1-Dichloroethene	2.116	96	785443	241.10	ug/L	87
13) Acetone	2.184	43	723005	480.51	ug/L	95
14) Carbon disulfide	2.293	76	2360681	255.95	ug/L	99
15) Methyl Acetate	2.434	43	800996	253.15	ug/L #	91
16) Methylene chloride	2.508	84	852434	229.42	ug/L	88
17) trans-1,2-Dichloroethene	2.759	96	826989	226.73	ug/L	94
18) Methyl tert-butyl Ether	2.769	73	2622951	242.97	ug/L	96
19) 1,1-Dichloroethane	3.190	63	1491053	244.80	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	917706	230.00	ug/L	89
22) 2-Butanone	3.971	43	1168642	542.82	ug/L	91
23) Bromochloromethane	4.251	128	486687	211.68	ug/L #	81
25) Chloroform	4.376	83	1566524	233.58	ug/L	98
27) 1,2-Dichloroethane	5.132	62	1257171	252.16	ug/L	97
29) Cyclohexane	4.682	56	1294876	252.33	ug/L	90
30) 1,1,1-Trichloroethane	4.611	97	1409030	225.46	ug/L	97
31) Carbon tetrachloride	4.830	117	1229250	220.90	ug/L	99
33) Benzene	5.103	78	3331640	230.47	ug/L	100
34) Trichloroethene	5.917	95	907016	221.51	ug/L	93
35) Methylcyclohexane	6.135	83	1426564	237.51	ug/L	91
37) 1,2-Dichloropropane	6.177	63	865840	246.64	ug/L	98
38) Bromodichloromethane	6.511	83	1223190	244.51	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	1495094	261.47	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	2285538	528.87	ug/L #	91
42) Toluene	7.392	91	3747403	232.51	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	1492231	265.37	ug/L	100

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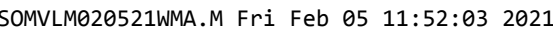
Instrument :
 MSVOA_V
 ClientSampleId :

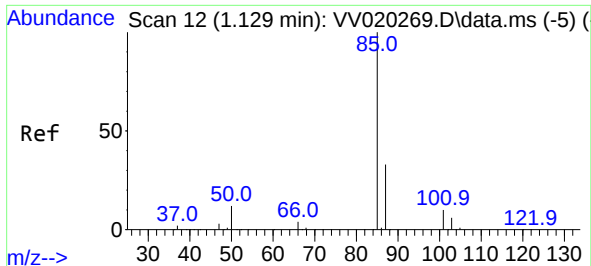
Quant Time: Feb 05 11:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:23:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.843	97	883016	222.91	ug/L	97
46) Tetrachloroethene	7.978	164	760526	192.50	ug/L	95
48) 2-Hexanone	8.145	43	1790864	533.30	ug/L #	90
49) Dibromochloromethane	8.251	129	1057000	228.79	ug/L	98
50) 1,2-Dibromoethane	8.357	107	978785	229.13	ug/L #	99
51) Chlorobenzene	8.884	112	2481314	214.65	ug/L	96
52) Ethylbenzene	9.016	91	4214957	231.63	ug/L	97
53) m,p-Xylene	9.142	106	1634259	228.28	ug/L	94
54) o-xylene	9.550	106	1592290	228.42	ug/L	94
55) Styrene	9.566	104	2794337	231.05	ug/L	96
56) Isopropylbenzene	9.936	105	4264975	228.75	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.248	83	1429317	234.99	ug/L	97
59) 1,2,3-Trichloropropane	10.280	75	1158761	235.06	ug/L	99
61) Bromoform	9.736	173	807074	227.45	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	2108814	213.53	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	2133134	208.48	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	2083786	211.67	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.434	75	364563	273.03	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.653	180	1691945	199.98	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	1562784	205.58	ug/L	97
69) Naphthalene	13.511	128	4858209	250.50	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	1536310	203.74	ug/L	98

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

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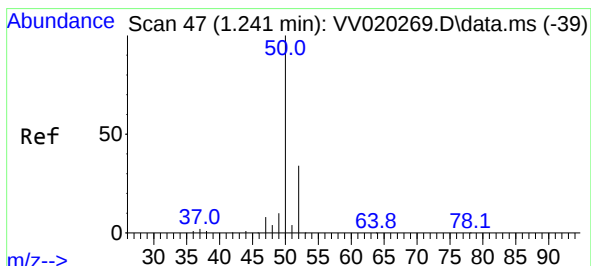
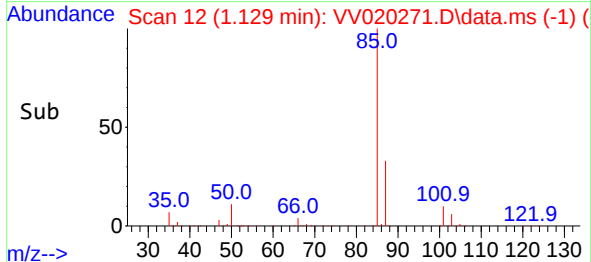
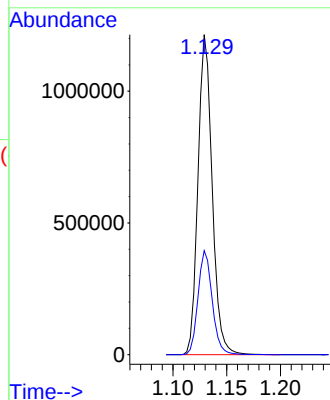
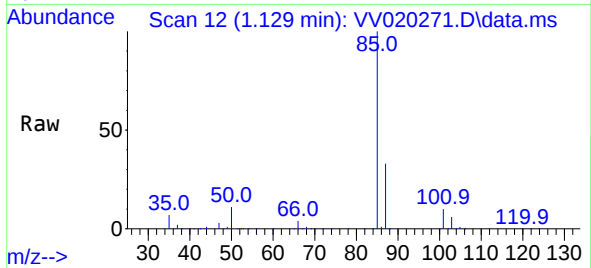




#2
Dichlorodifluoromethane
Concen: 273.17 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

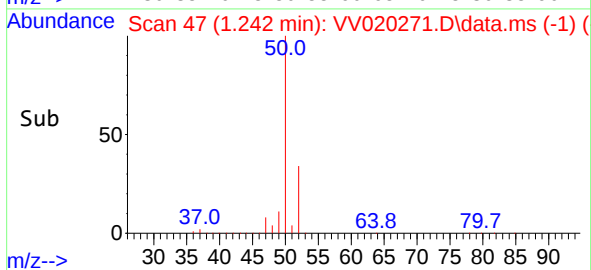
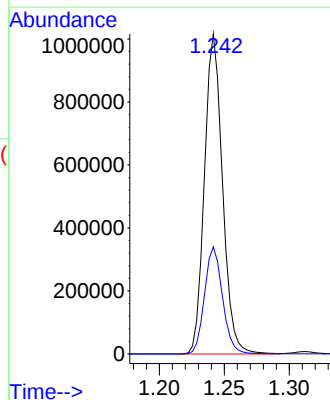
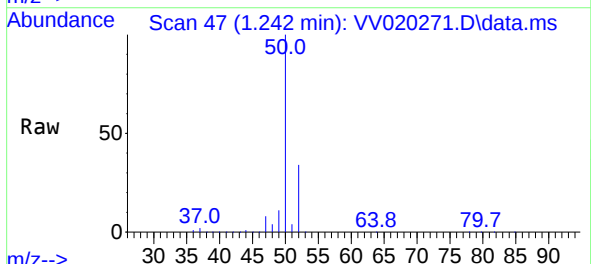
Instrument :
MSVOA_V
ClientSampled :

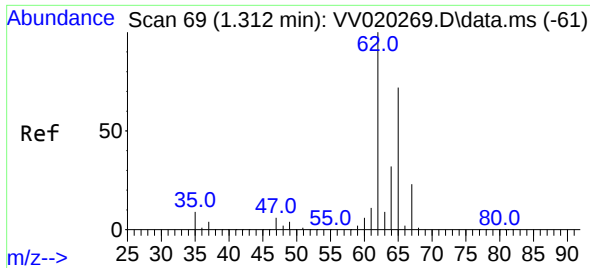
Tgt Ion: 85 Resp: 1115426
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 295.37 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 50 Resp: 986077
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.1

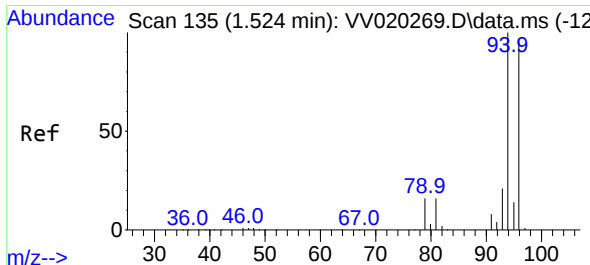
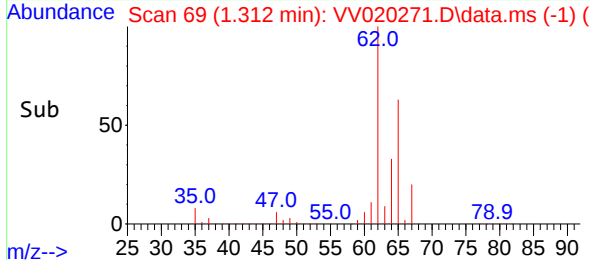
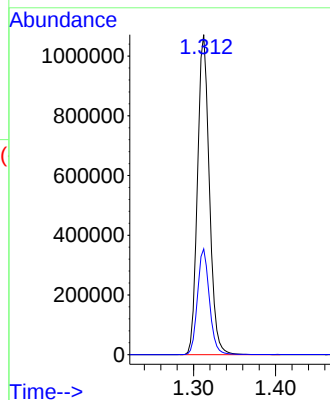
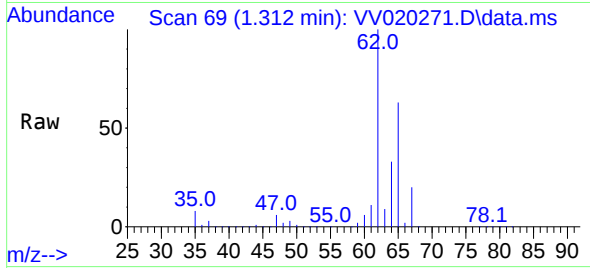




#5
 Vinyl chloride
 Concen: 290.14 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020271.D
 Acq: 05 Feb 2021 11:31

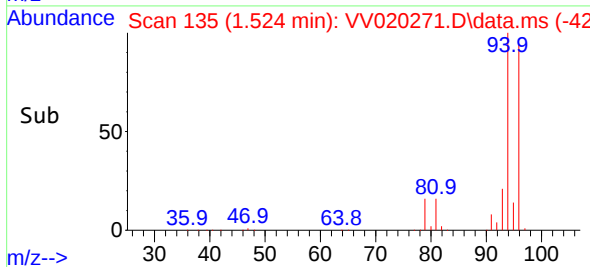
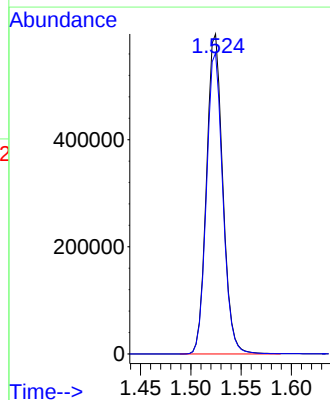
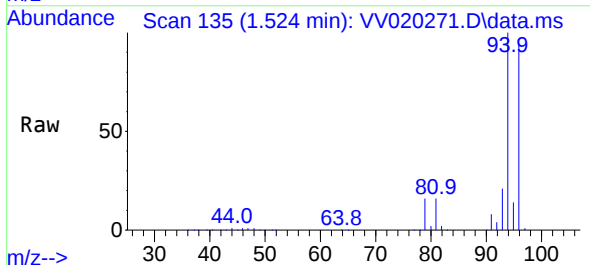
Instrument :
 MSVOA_V
 ClientSampled :

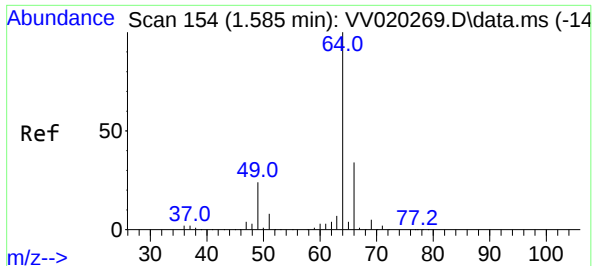
Tgt Ion: 62 Resp: 1074549
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 270.92 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020271.D
 Acq: 05 Feb 2021 11:31

Tgt Ion: 94 Resp: 673740
 Ion Ratio Lower Upper
 94 100
 96 94.0 63.6 118.2

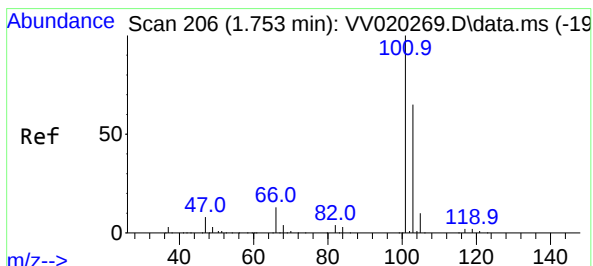
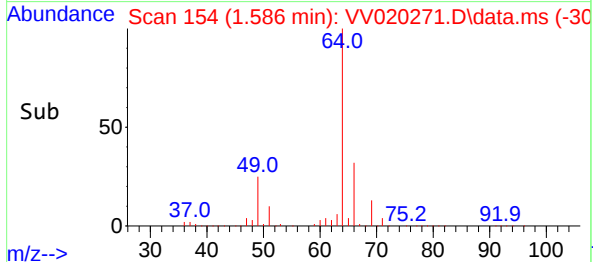
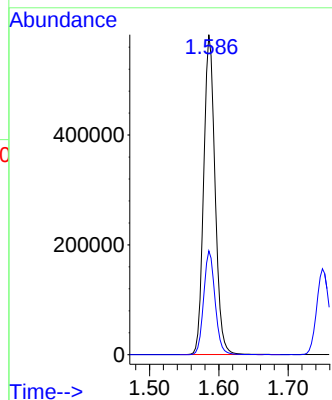
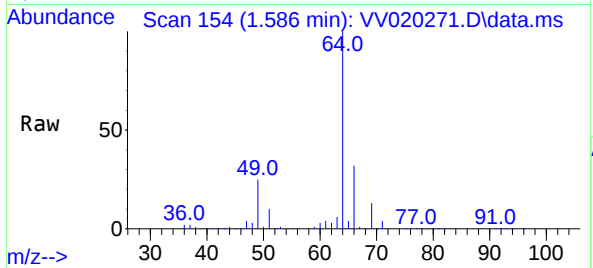




#8
Chloroethane
Concen: 294.04 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

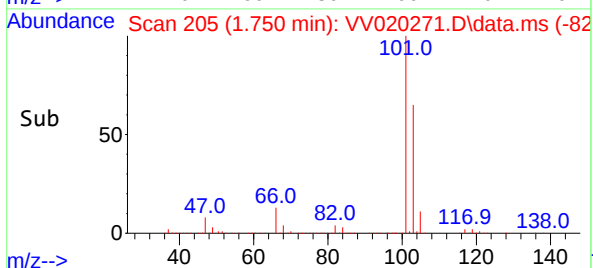
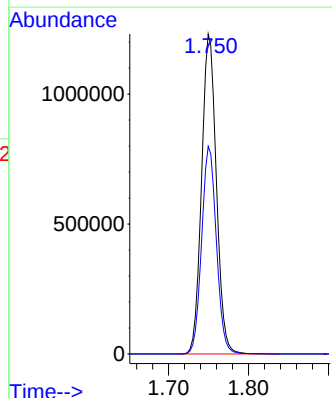
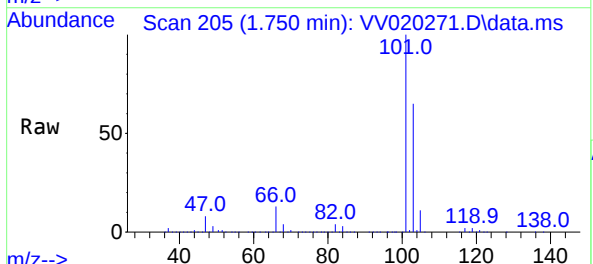
Instrument :
MSVOA_V
ClientSampled :

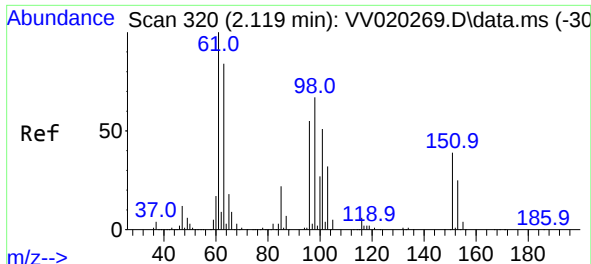
Tgt Ion: 64 Resp: 661429
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 269.79 ug/L
RT: 1.750 min Scan# 205
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:101 Resp: 1583398
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 227.89 ug/L

RT: 2.116 min Scan# 319

Delta R.T. -0.003 min

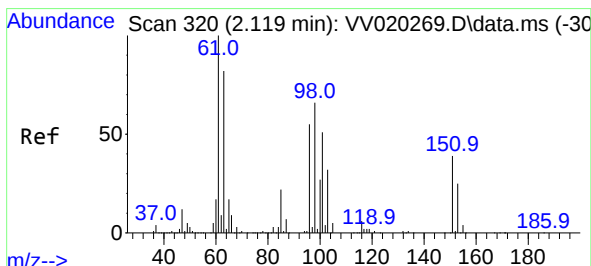
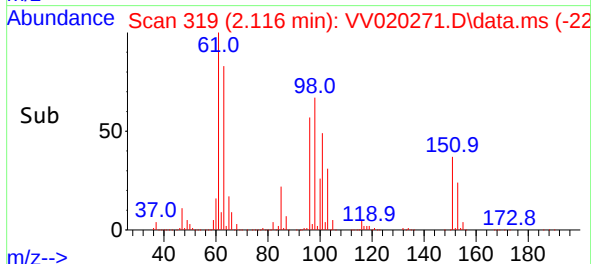
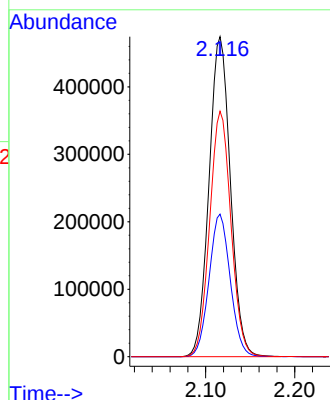
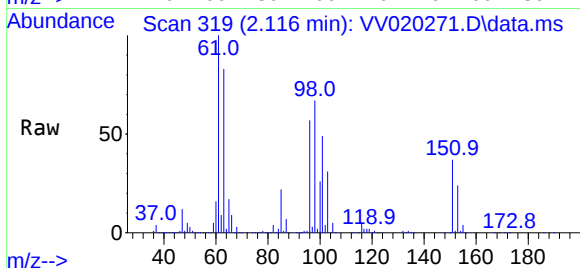
Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 790876

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.3	52.9
151	76.5	53.6	80.4



#12

1,1-Dichloroethene

Concen: 241.10 ug/L

RT: 2.116 min Scan# 319

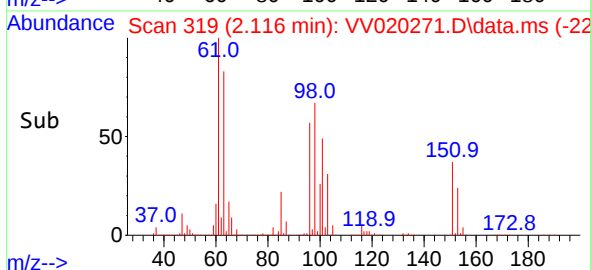
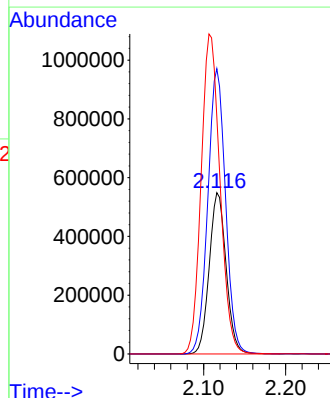
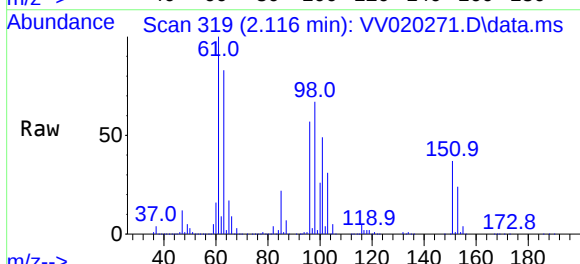
Delta R.T. -0.003 min

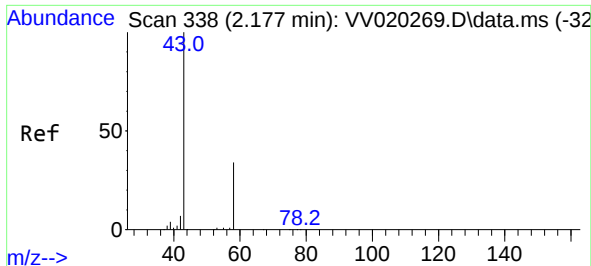
Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

Tgt Ion: 96 Resp: 785443

Ion	Ratio	Lower	Upper
96	100		
61	176.9	134.9	250.5
63	146.8	117.6	218.4

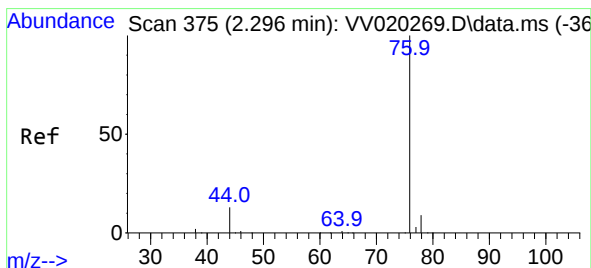
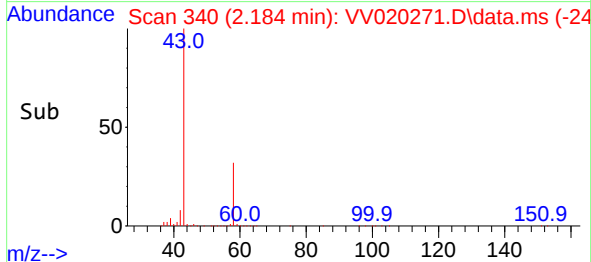
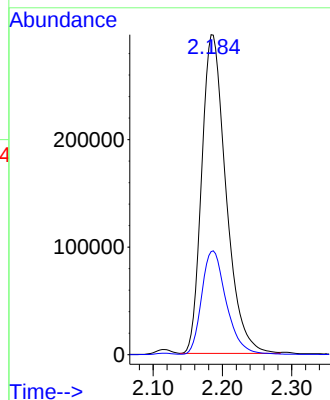
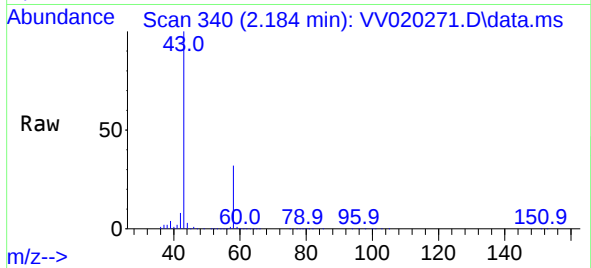




#13
Acetone
Concen: 480.51 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.007 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

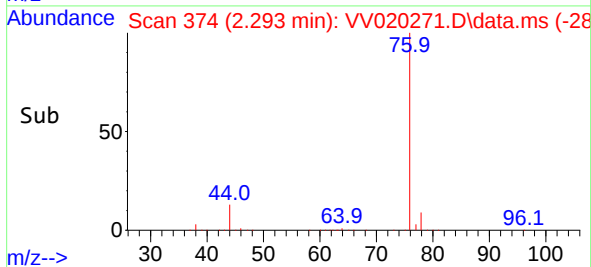
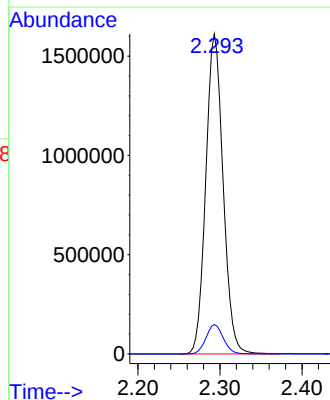
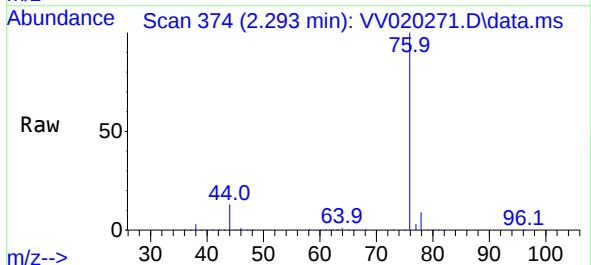
Instrument :
MSVOA_V
ClientSampleId :

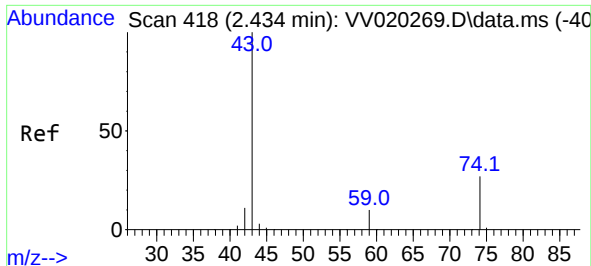
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Ion Ratio Lower Upper
43 100
58 32.9 0.0 60.2



#14
Carbon disulfide
Concen: 255.95 ug/L
RT: 2.293 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 76 Resp: 2360681
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

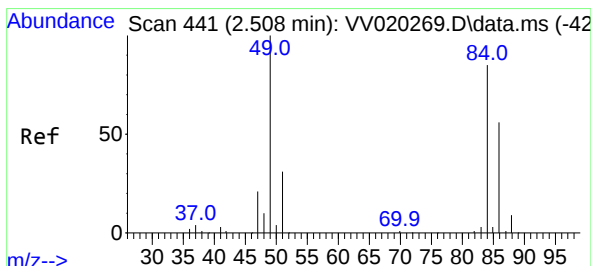
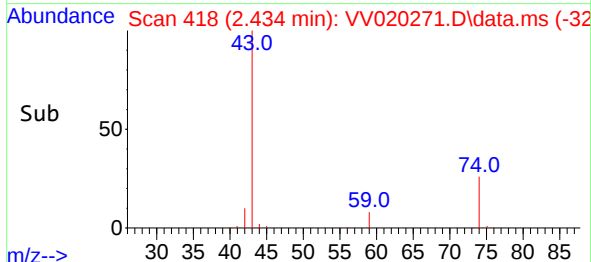
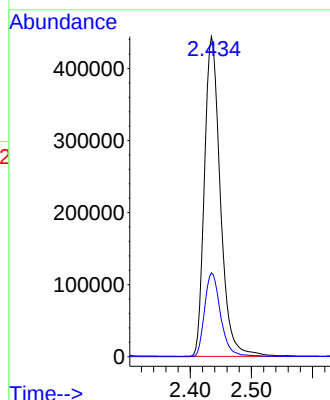
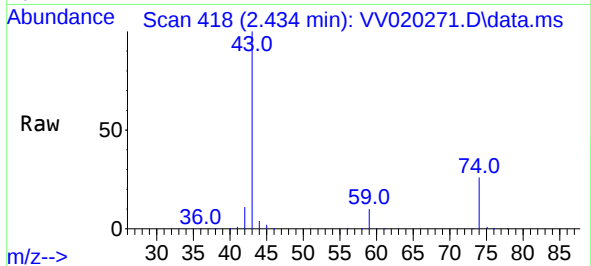




#15
Methyl Acetate
Concen: 253.15 ug/L
RT: 2.434 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

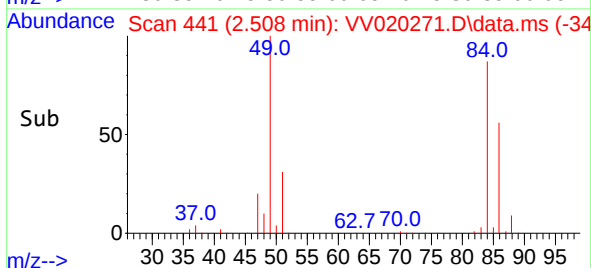
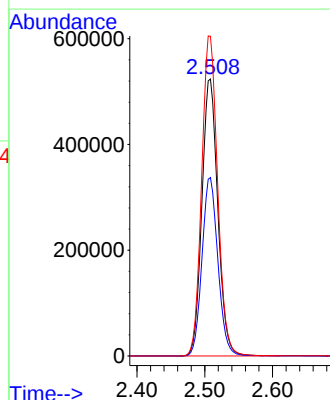
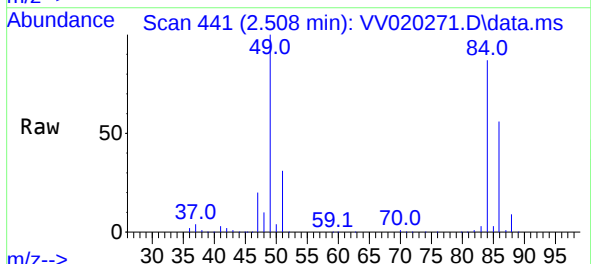
Instrument :
MSVOA_V
ClientSampled :

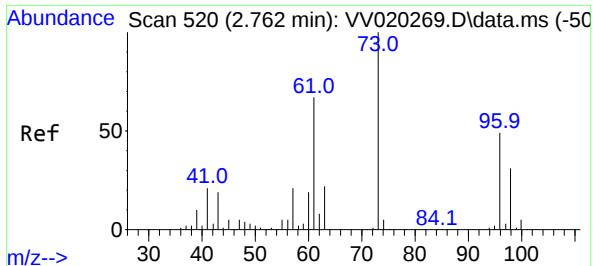
Tgt Ion: 43 Resp: 800996
Ion Ratio Lower Upper
43 100
74 26.5 17.6 26.4#



#16
Methylene chloride
Concen: 229.42 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 84 Resp: 852434
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 115.4 94.6 175.8



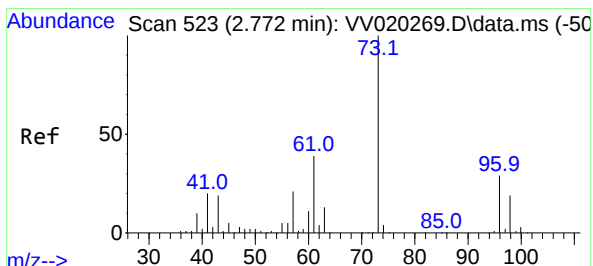
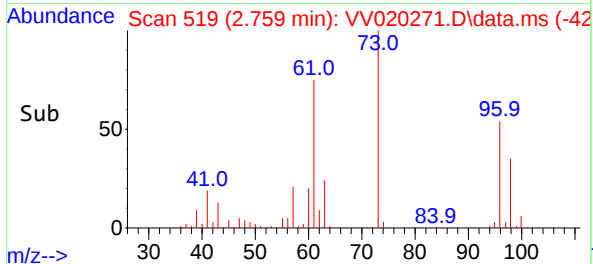
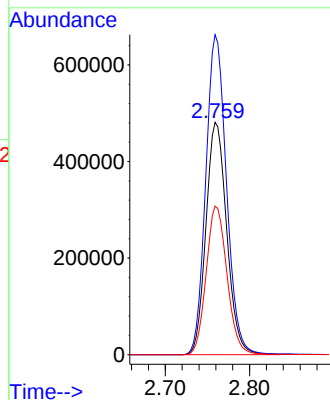
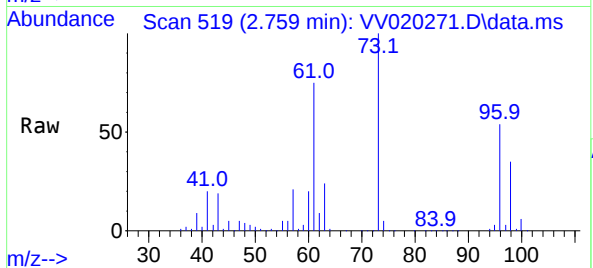


#17

trans-1,2-Dichloroethene
Concen: 226.73 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :

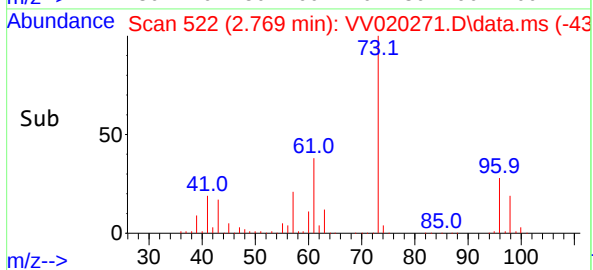
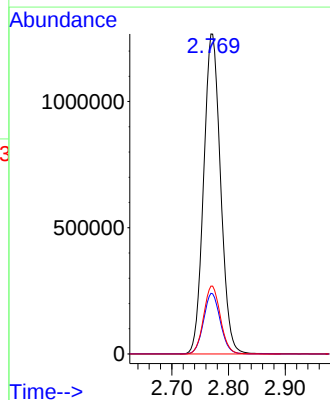
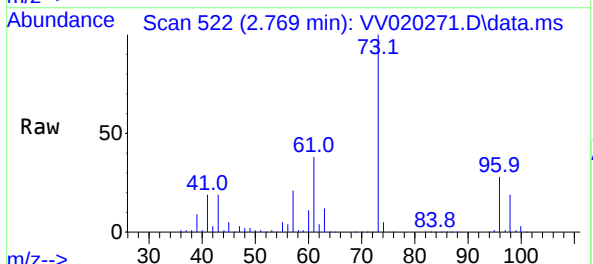
Tgt Ion: 96 Resp: 826989
Ion Ratio Lower Upper
96 100
61 137.8 103.1 191.5
98 64.0 43.1 80.1

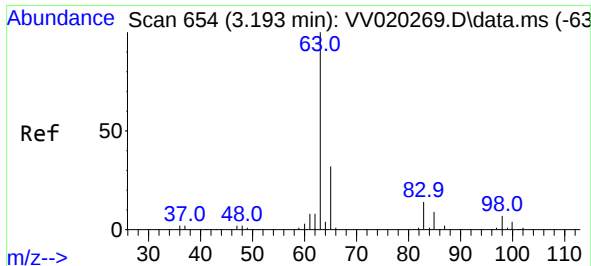


#18

Methyl tert-butyl Ether
Concen: 242.97 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 73 Resp: 2622951
Ion Ratio Lower Upper
73 100
43 18.7 17.3 25.9
57 21.0 17.9 26.9





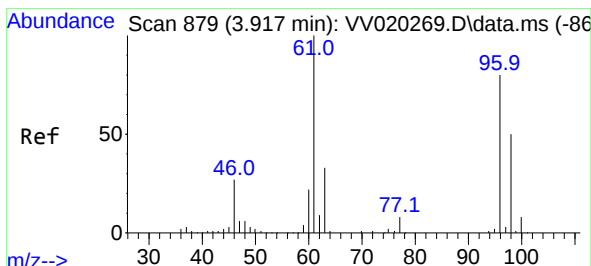
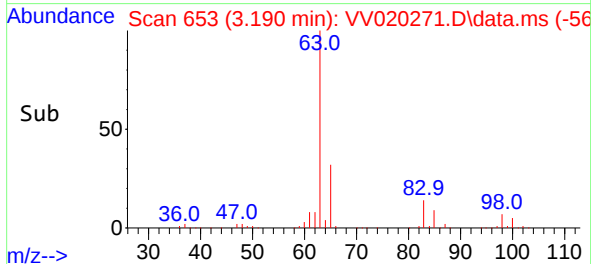
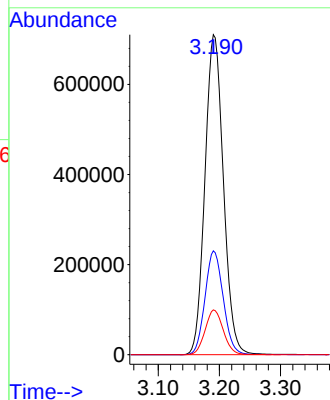
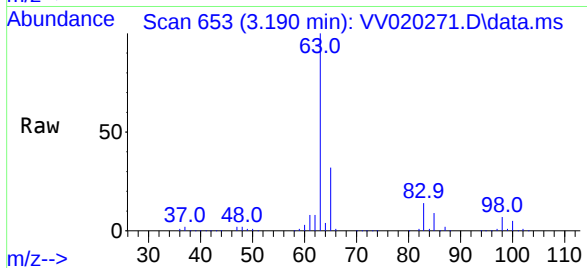
#19

1,1-Dichloroethane
Concen: 244.80 ug/L
RT: 3.190 min Scan# 653
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1491053

Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.9	40.7
83	14.0	9.5	17.7

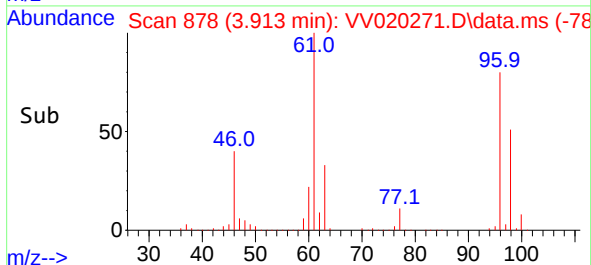
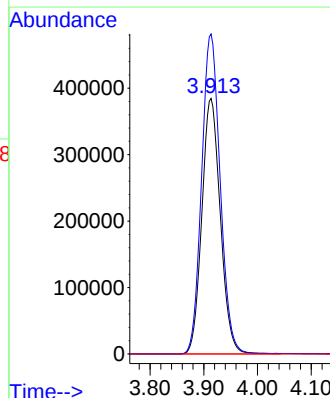
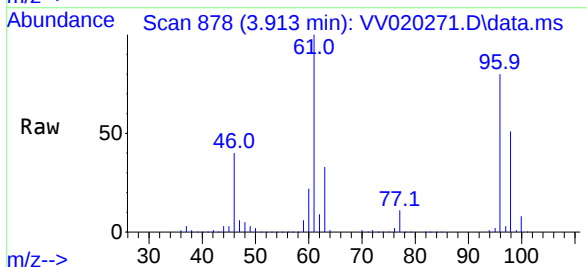


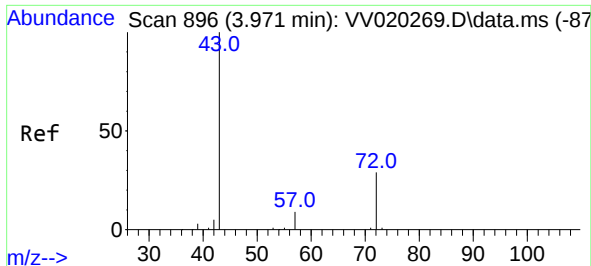
#20

cis-1,2-Dichloroethene
Concen: 230.00 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 96 Resp: 917706

Ion	Ratio	Lower	Upper
96	100		
61	125.2	96.9	179.9
68	0.0	0.0	0.0

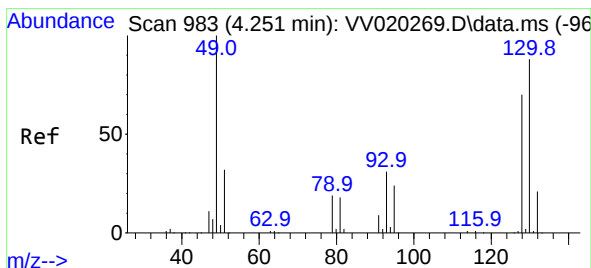
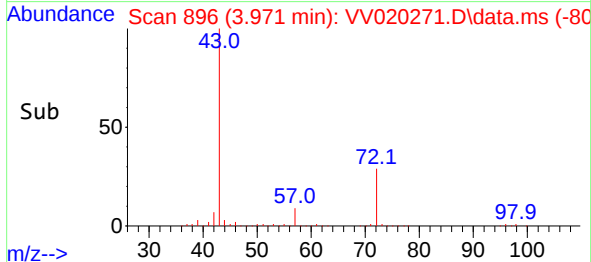
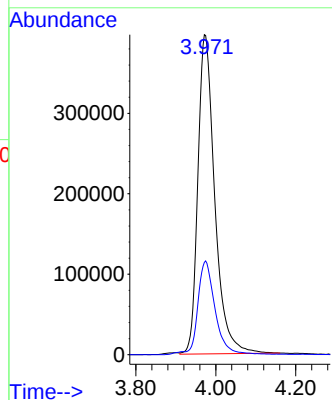
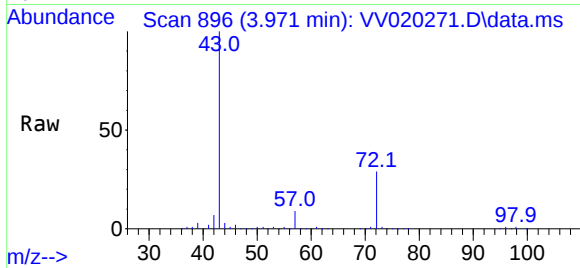




#22
2-Butanone
Concen: 542.82 ug/L
RT: 3.971 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

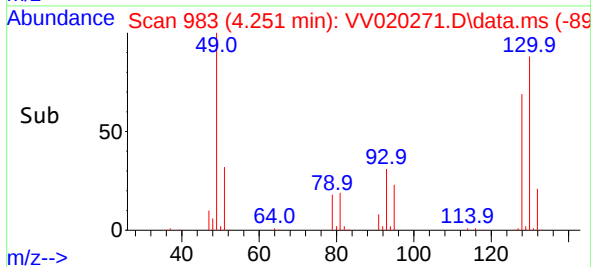
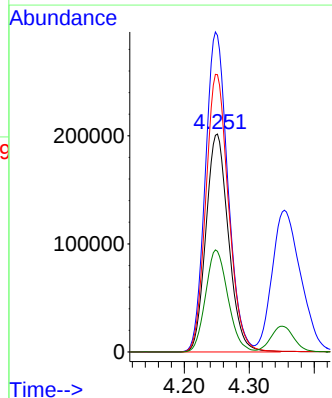
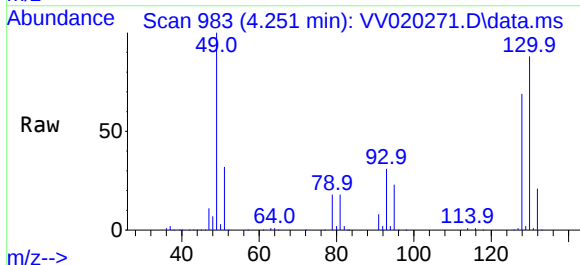
Instrument :
MSVOA_V
ClientSampleId :

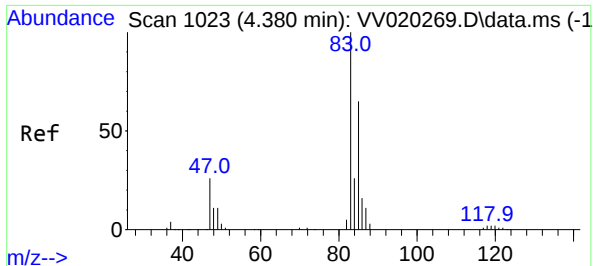
Tgt Ion: 43 Resp: 1168642
Ion Ratio Lower Upper
43 100
72 28.7 12.2 36.6



#23
Bromochloromethane
Concen: 211.68 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:128 Resp: 486687
Ion Ratio Lower Upper
128 100
49 145.3 133.1 247.1
130 127.2 89.0 165.4
51 46.2 49.3 73.9#



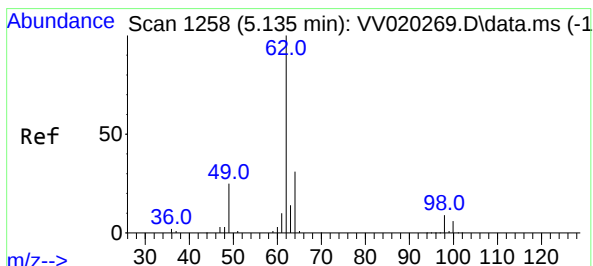
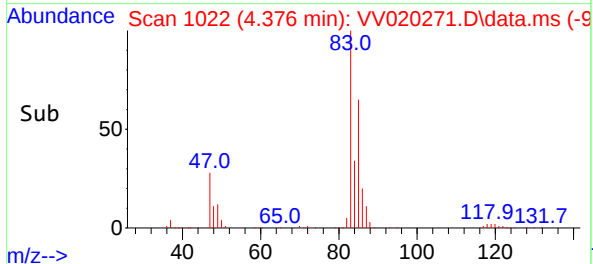
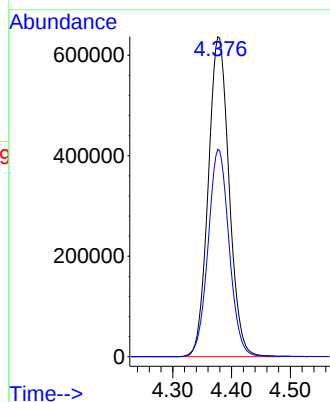
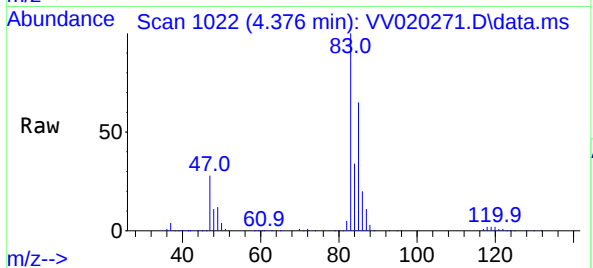


#25

Chloroform
Concen: 233.58 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampled :

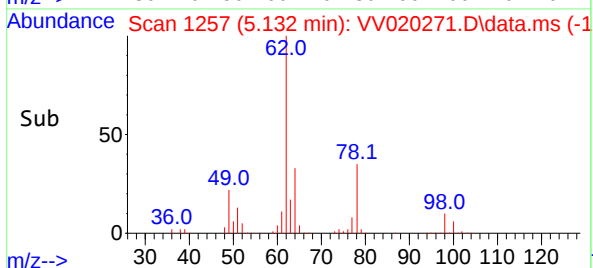
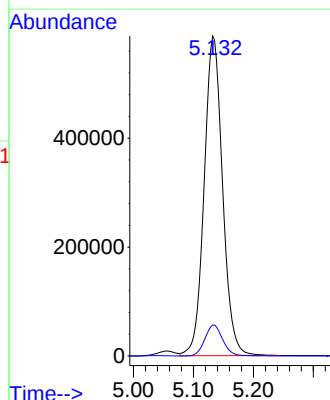
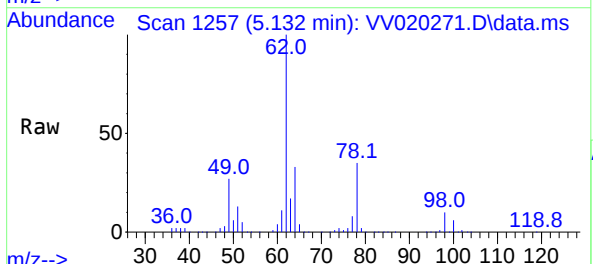
Tgt Ion: 83 Resp: 1566524
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2

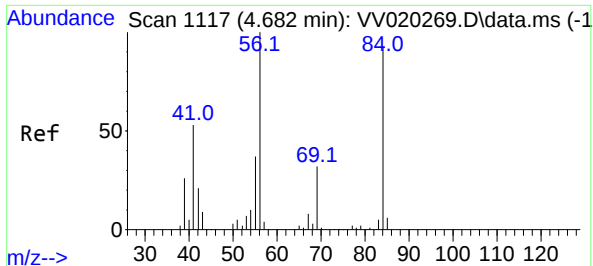


#27

1,2-Dichloroethane
Concen: 252.16 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 62 Resp: 1257171
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3





#29

Cyclohexane

Concen: 252.33 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.000 min

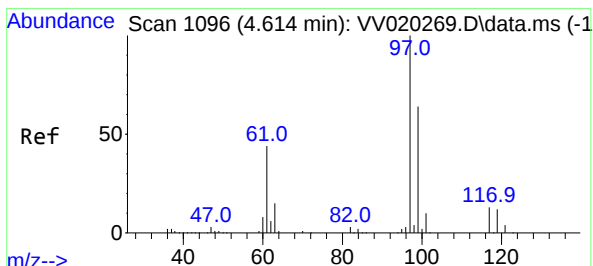
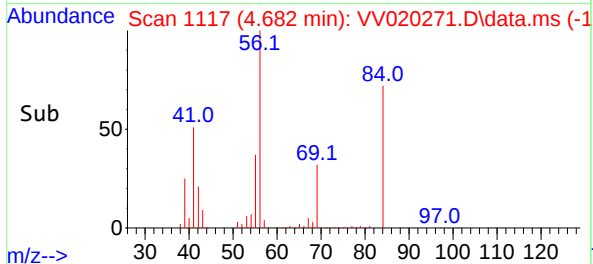
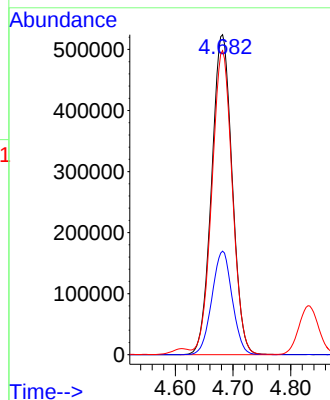
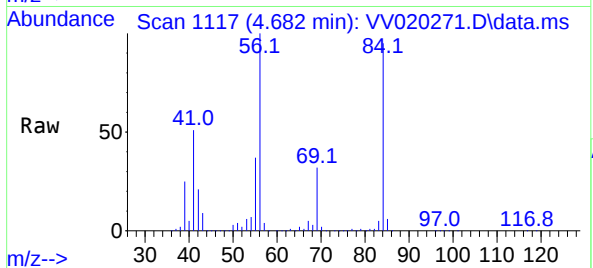
Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 1294876

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.2	36.2
84	94.5	66.3	99.5



#30

1,1,1-Trichloroethane

Concen: 225.46 ug/L

RT: 4.611 min Scan# 1095

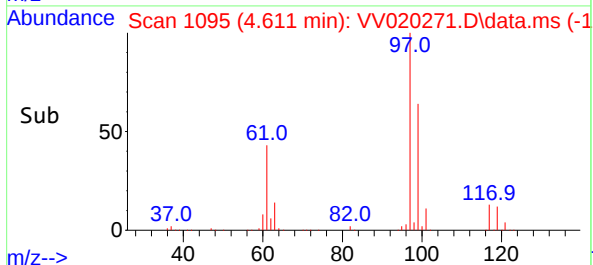
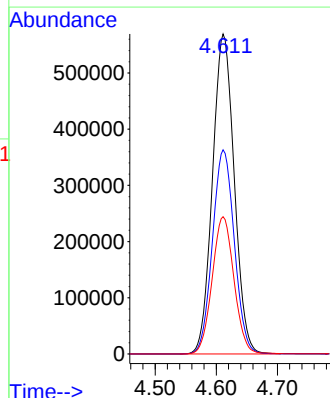
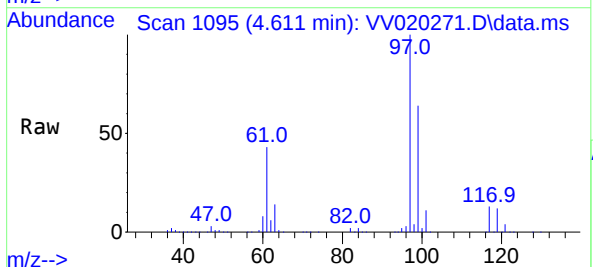
Delta R.T. -0.003 min

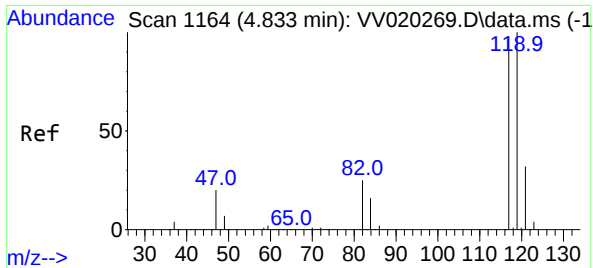
Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

Tgt Ion: 97 Resp: 1409030

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	43.1	38.5	57.7

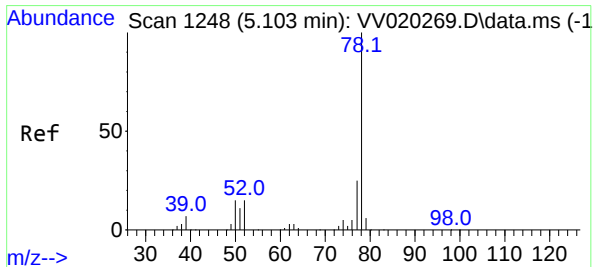
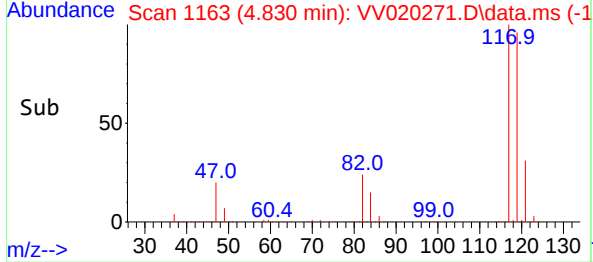
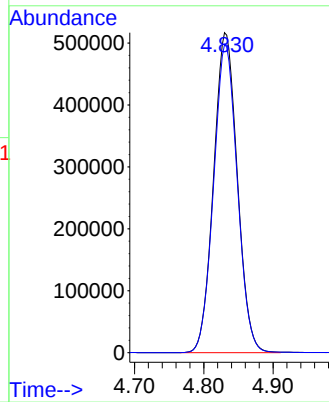
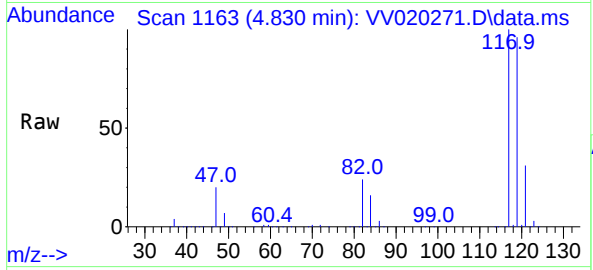




#31
Carbon tetrachloride
Concen: 220.90 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

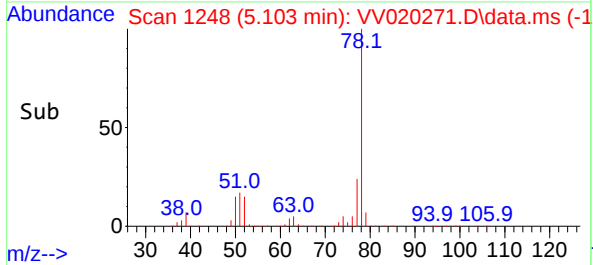
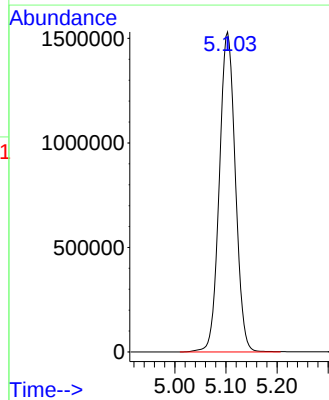
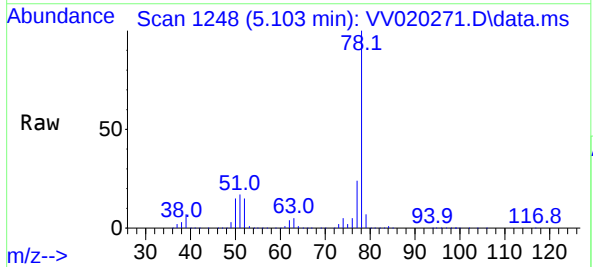
Instrument :
MSVOA_V
ClientSampled :

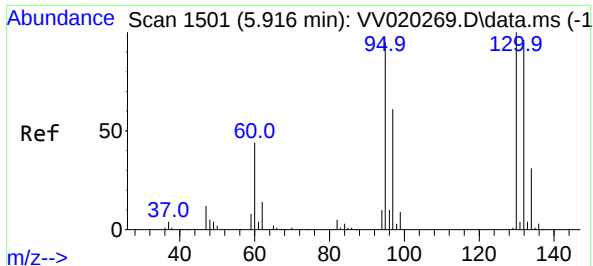
Tgt Ion:117 Resp: 1229250
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5



#33
Benzene
Concen: 230.47 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 78 Resp: 3331640





#34

Trichloroethene

Concen: 221.51 ug/L

RT: 5.917 min Scan# 1501

Delta R.T. 0.000 min

Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

Tgt Ion: 95 Resp: 907016

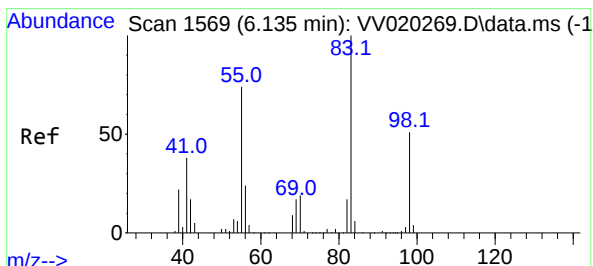
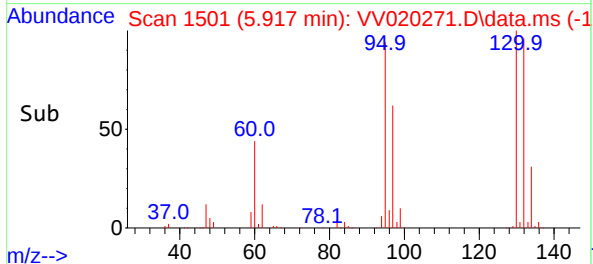
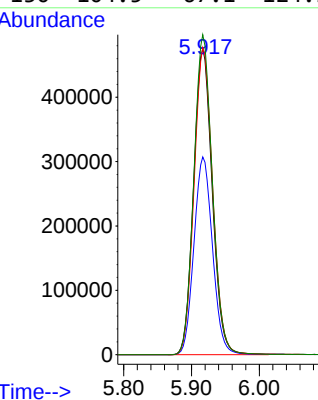
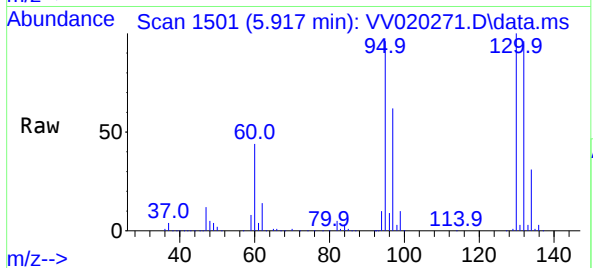
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 100.3 63.4 117.8

130 104.5 67.1 124.5



#35

Methylcyclohexane

Concen: 237.51 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV020271.D

Acq: 05 Feb 2021 11:31

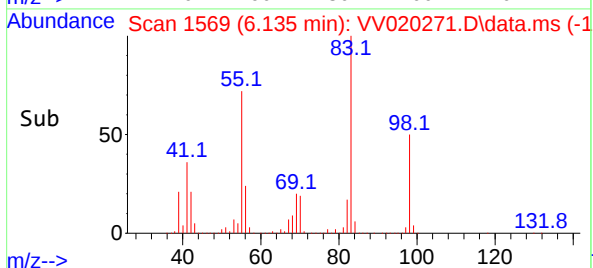
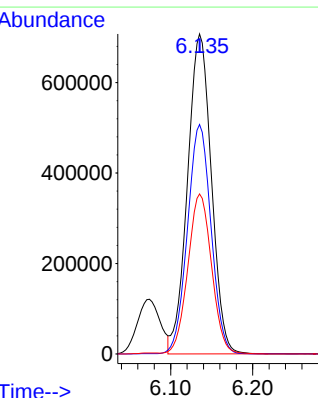
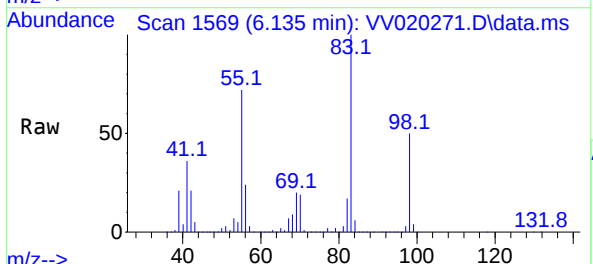
Tgt Ion: 83 Resp: 1426564

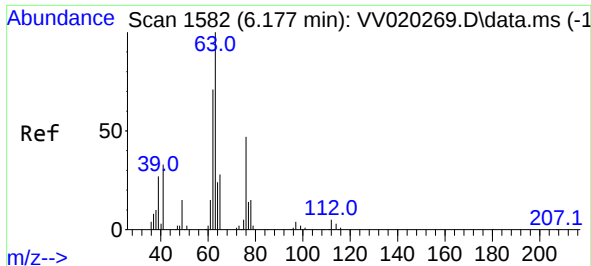
Ion Ratio Lower Upper

83 100

55 71.0 65.1 97.7

98 49.8 38.2 57.2

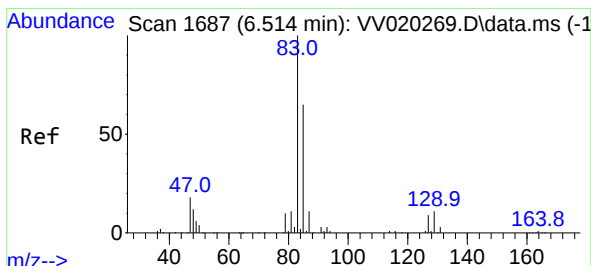
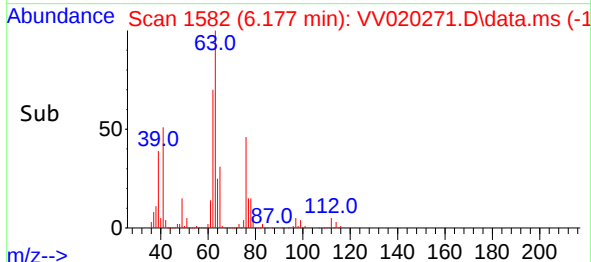
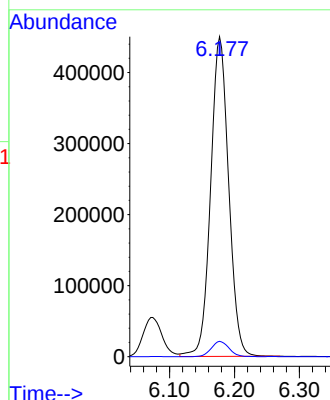
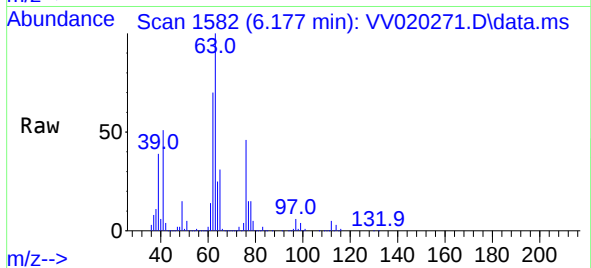




#37
1,2-Dichloropropane
Concen: 246.64 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

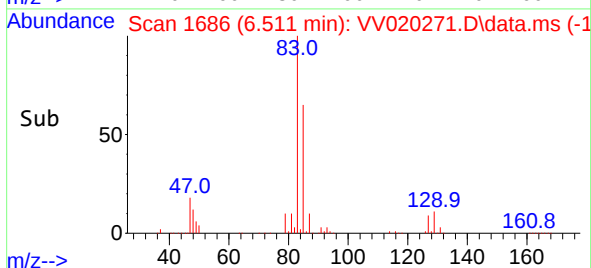
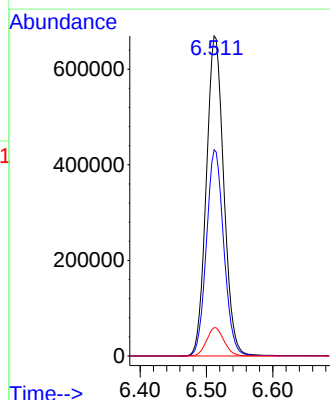
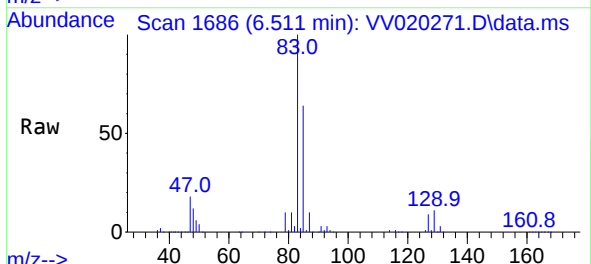
Instrument :
MSVOA_V
ClientSampleId :

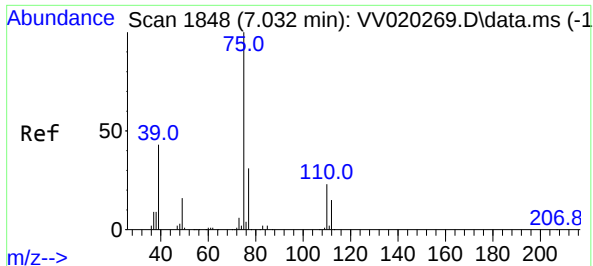
Tgt Ion: 63 Resp: 865840
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 244.51 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 83 Resp: 1223190
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
127 8.9 6.3 9.5

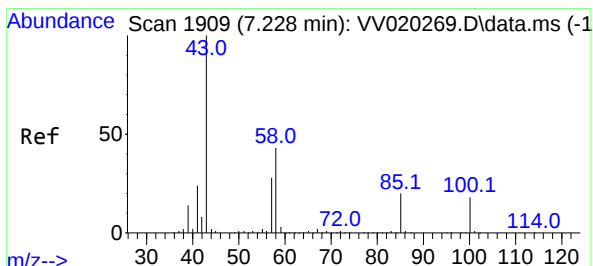
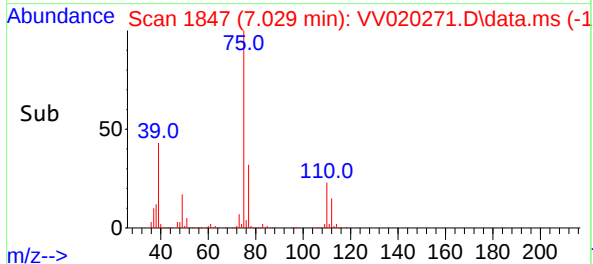
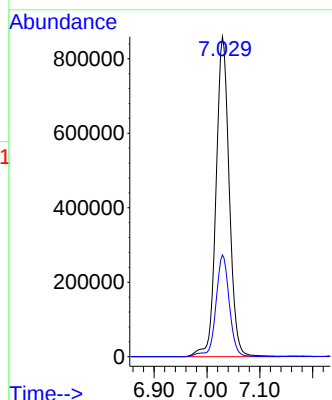
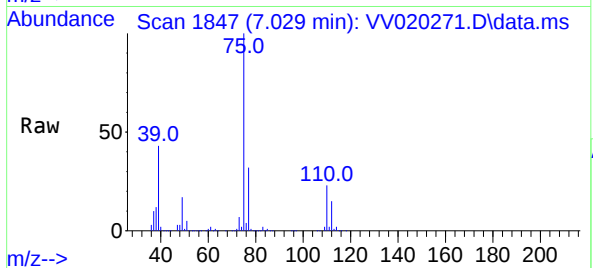




#39
cis-1,3-Dichloropropene
Concen: 261.47 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

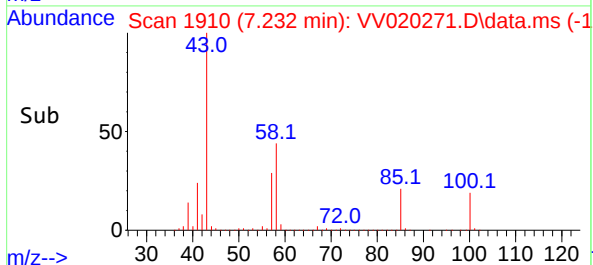
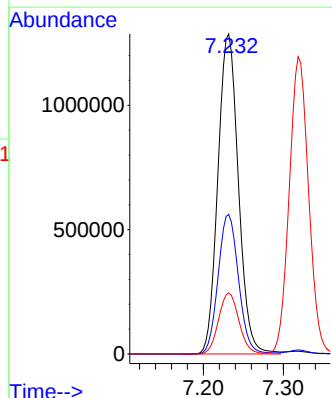
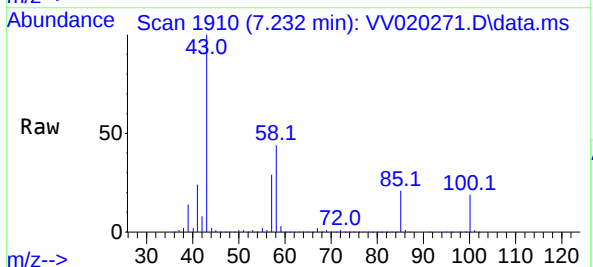
Instrument :
MSVOA_V
ClientSampled :

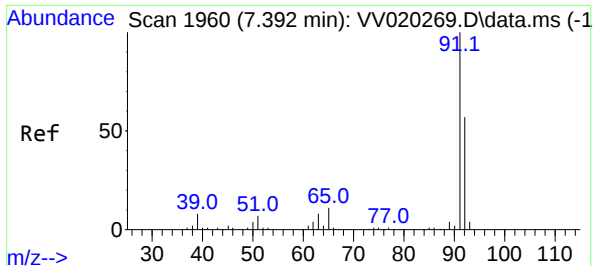
Tgt Ion: 75 Resp: 1495094
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 528.87 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 43 Resp: 2285538
Ion Ratio Lower Upper
43 100
58 43.4 30.7 46.1
100 18.9 11.6 17.4#

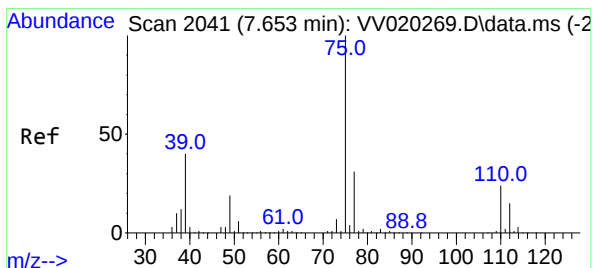
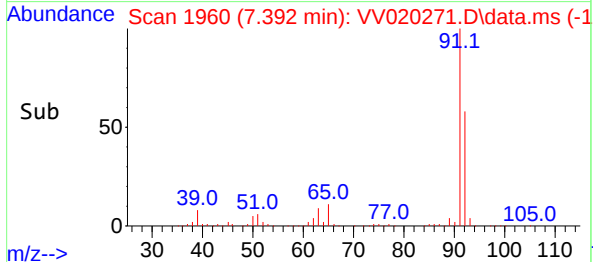
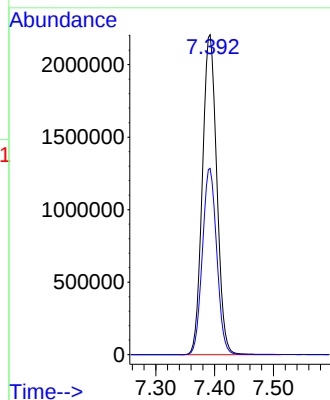
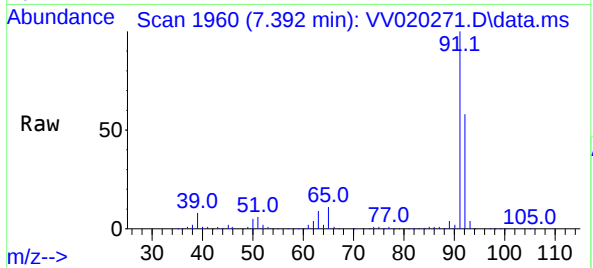




#42
Toluene
Concen: 232.51 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

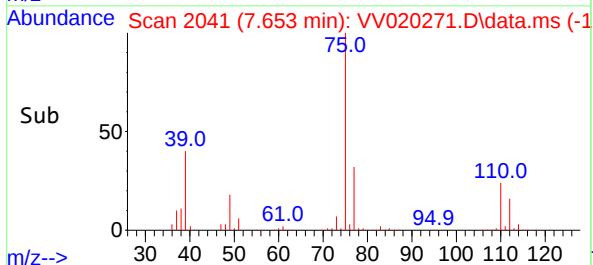
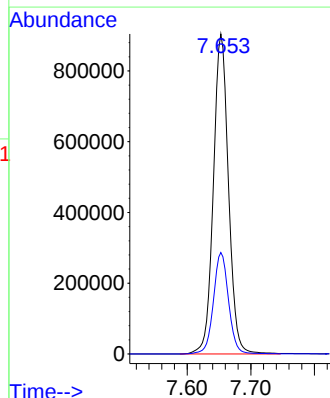
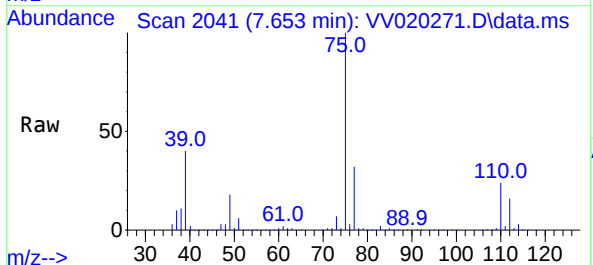
Instrument :
MSVOA_V
ClientSampled :

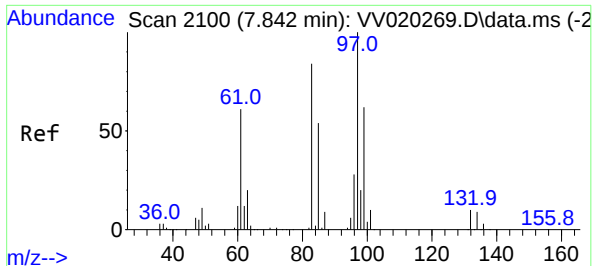
Tgt Ion: 91 Resp: 3747403
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 265.37 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 75 Resp: 1492231
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0





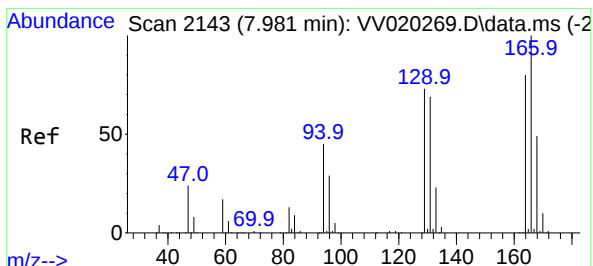
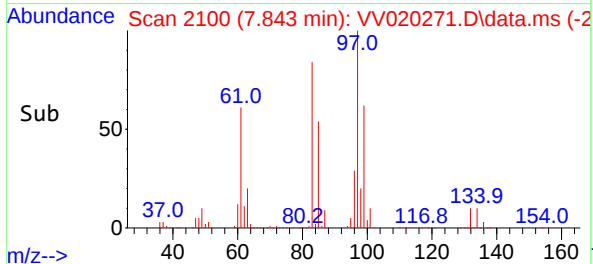
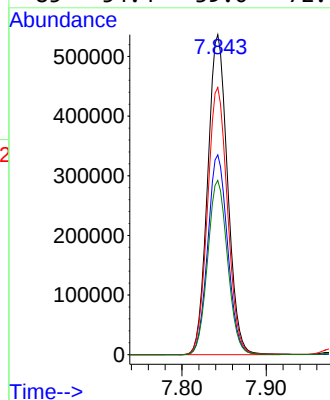
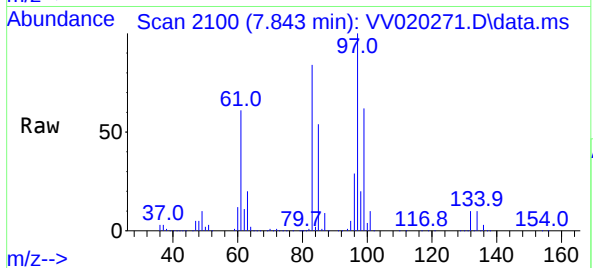
#45

1,1,2-Trichloroethane
Concen: 222.91 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 883016

Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	83.5	62.2	115.4
85	54.4	39.0	72.4

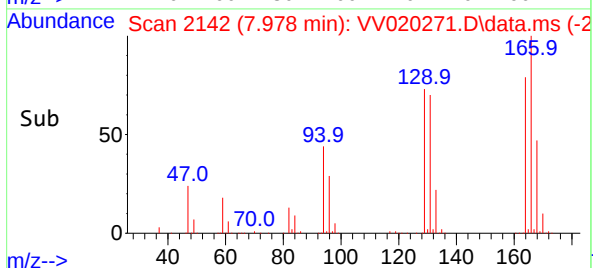
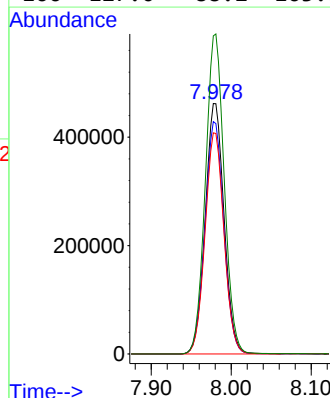
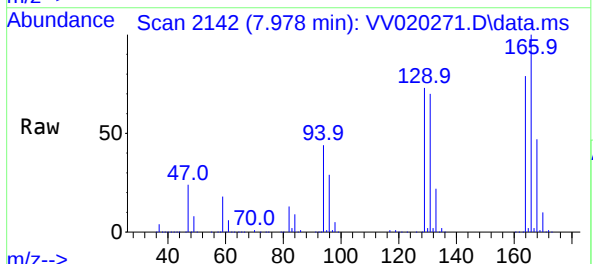


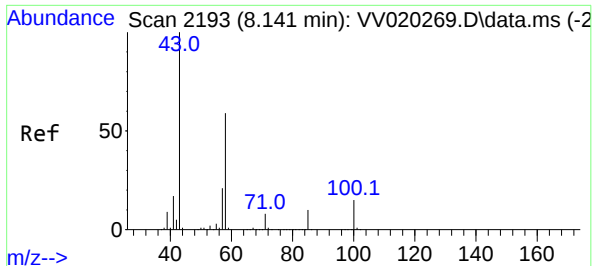
#46

Tetrachloroethene
Concen: 192.50 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 164 Resp: 760526

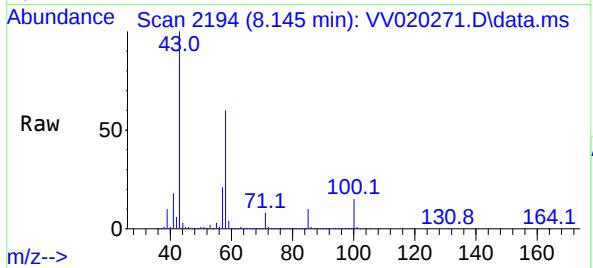
Ion	Ratio	Lower	Upper
164	100		
129	92.8	70.6	131.0
131	88.3	66.8	124.0
166	127.0	88.2	163.8





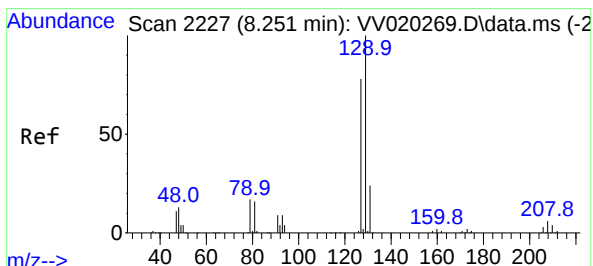
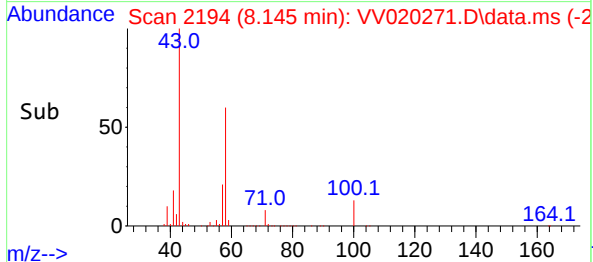
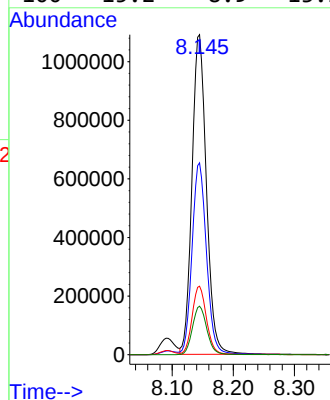
#48
2-Hexanone
Concen: 533.30 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 43 Resp: 1790864

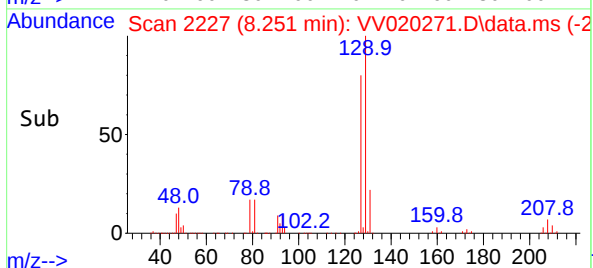
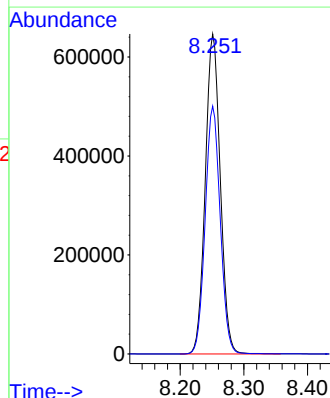
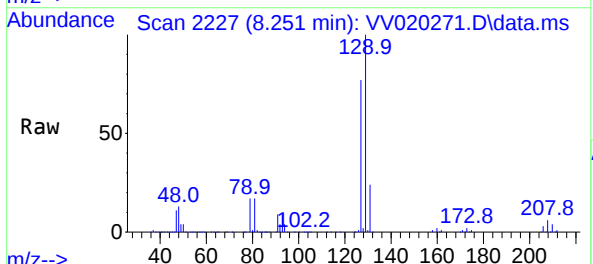
Ion	Ratio	Lower	Upper
43	100		
58	59.8	41.8	62.6
57	21.3	15.0	22.4
100	15.2	8.9	13.3

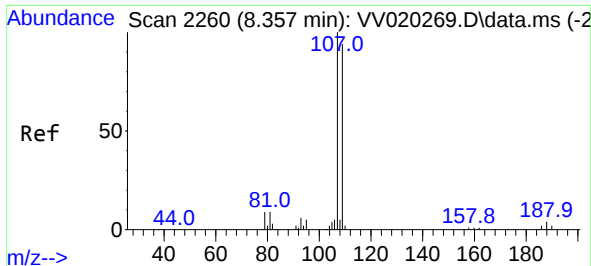


#49
Dibromochloromethane
Concen: 228.79 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 129 Resp: 1057000

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.2	102.6

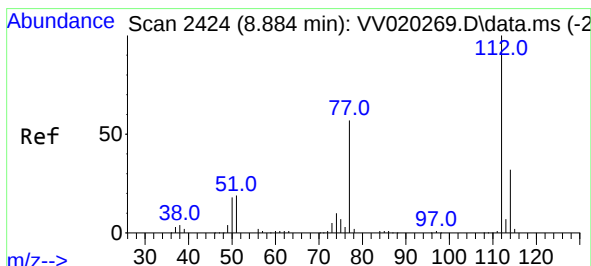
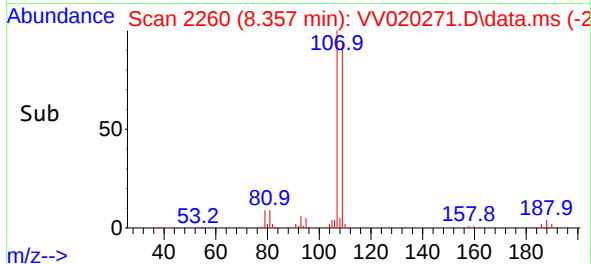
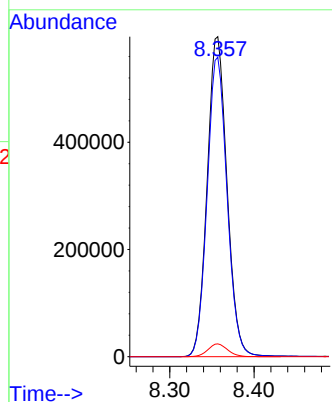
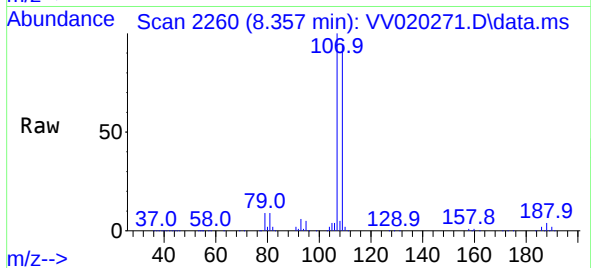




#50
1,2-Dibromoethane
Concen: 229.13 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

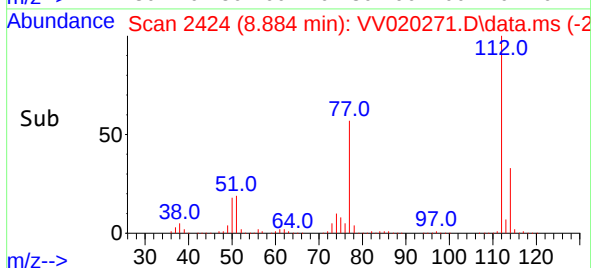
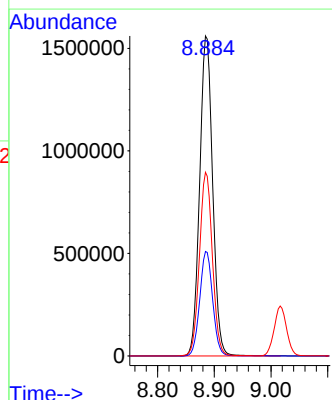
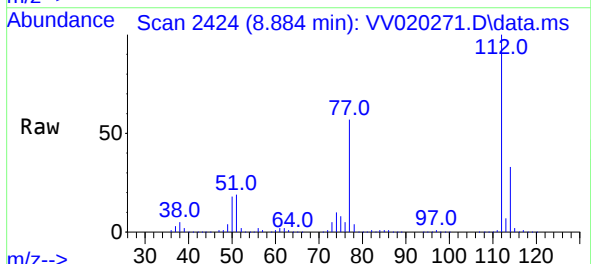
Instrument :
MSVOA_V
ClientSampleId :

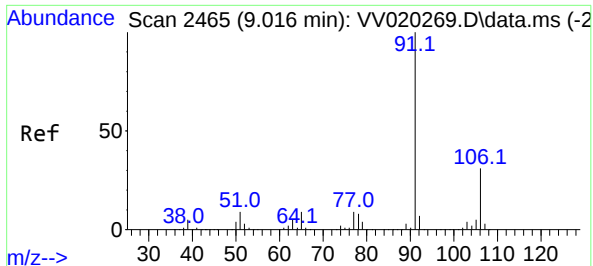
Tgt Ion:107 Resp: 978785
Ion Ratio Lower Upper
107 100
109 93.6 66.2 123.0
188 4.0 2.6 3.8#



#51
Chlorobenzene
Concen: 214.65 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:112 Resp: 2481314
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 57.4 49.0 73.6

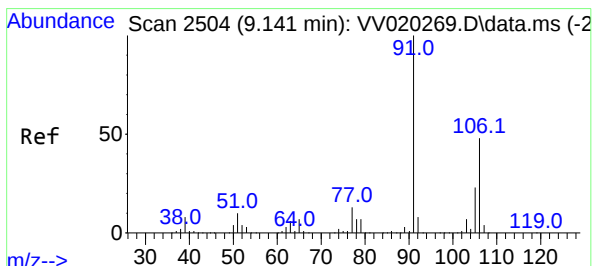
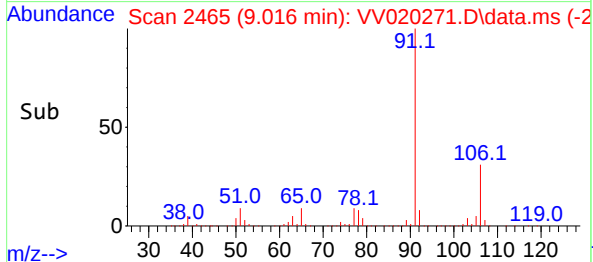
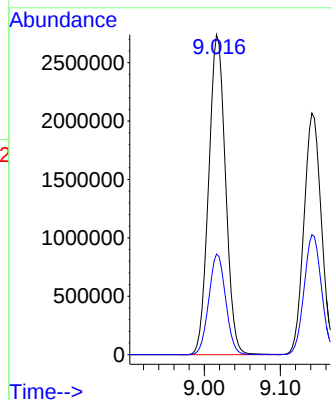
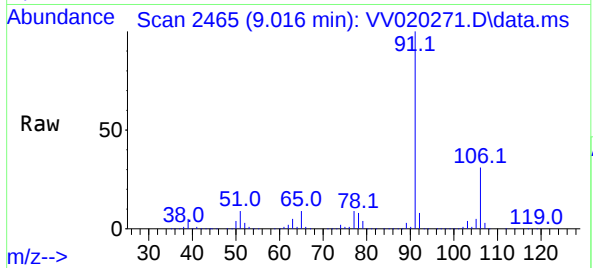




#52
Ethylbenzene
Concen: 231.63 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

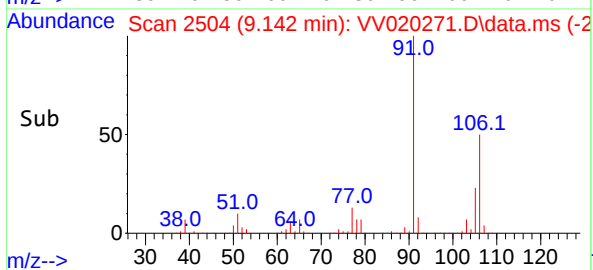
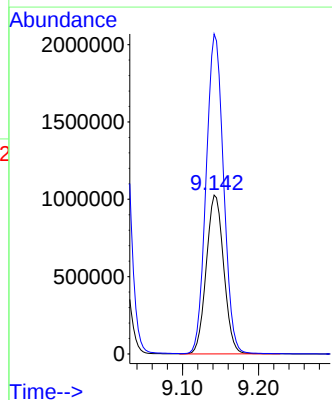
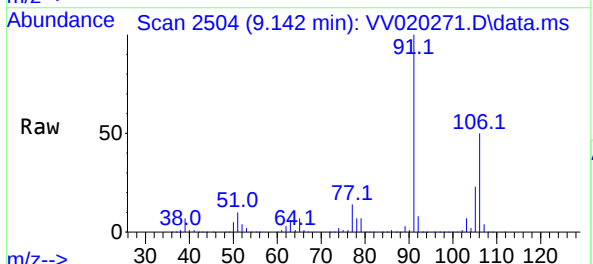
Instrument :
MSVOA_V
ClientSampled :

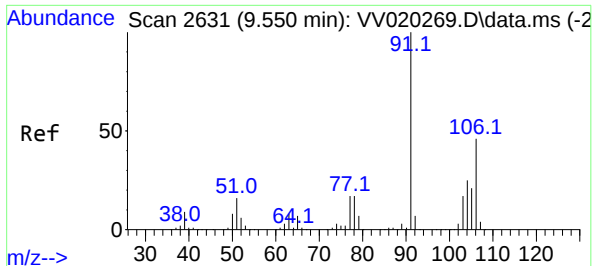
Tgt Ion: 91 Resp: 4214957
Ion Ratio Lower Upper
91 100
106 31.5 21.0 39.0



#53
m,p-Xylene
Concen: 228.28 ug/L
RT: 9.142 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 106 Resp: 1634259
Ion Ratio Lower Upper
106 100
91 201.4 148.1 275.0

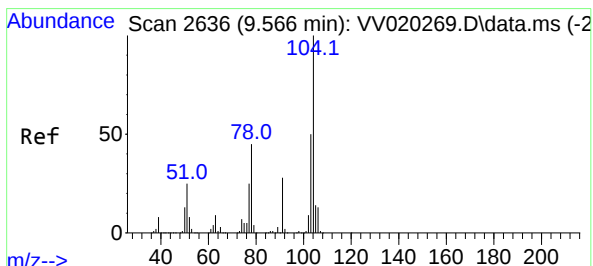
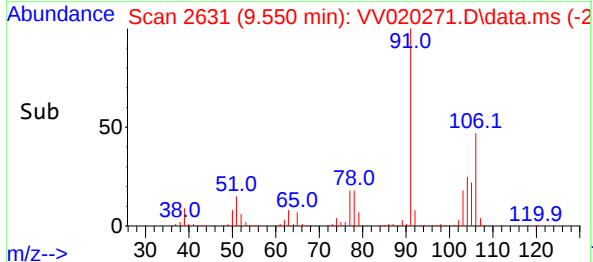
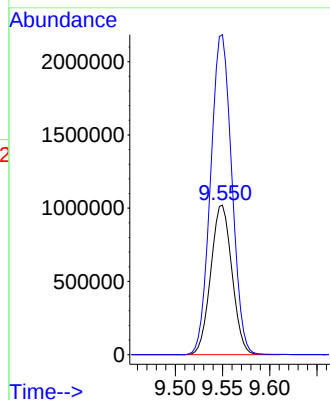
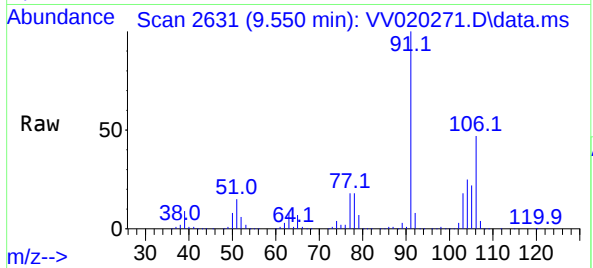




#54
o-xylene
Concen: 228.42 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

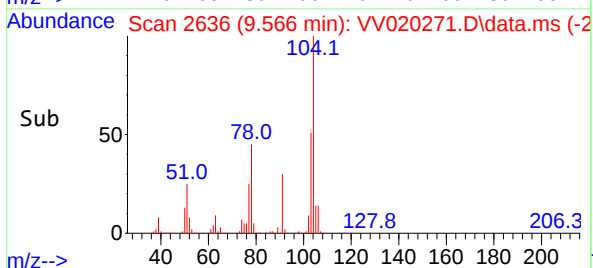
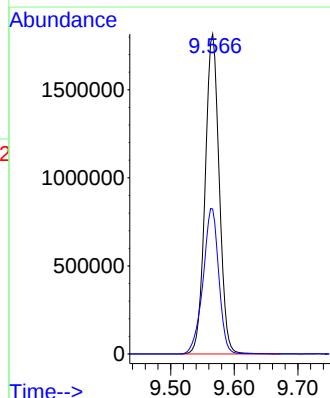
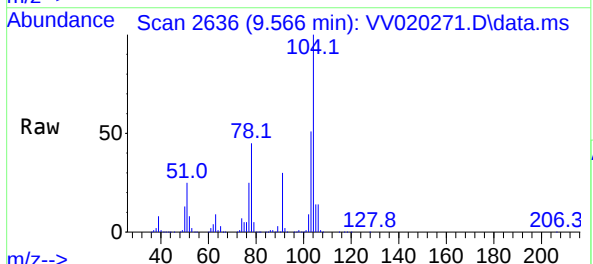
Instrument :
MSVOA_V
ClientSampled :

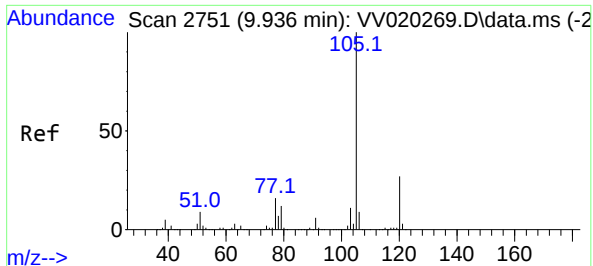
Tgt Ion:106 Resp: 1592290
Ion Ratio Lower Upper
106 100
91 213.9 156.4 290.6



#55
Styrene
Concen: 231.05 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:104 Resp: 2794337
Ion Ratio Lower Upper
104 100
78 45.3 33.7 62.5

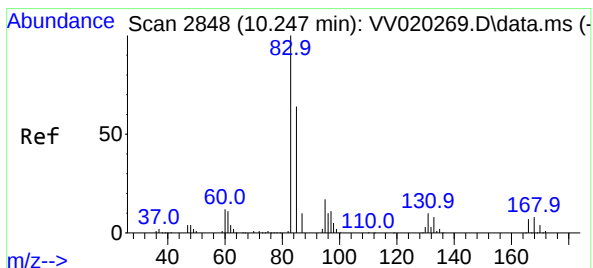
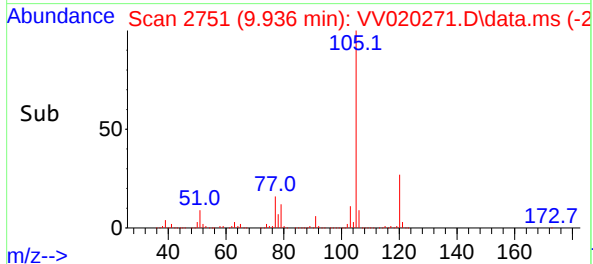
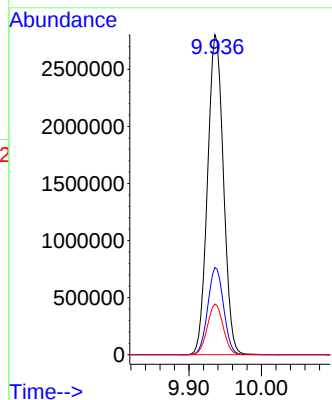
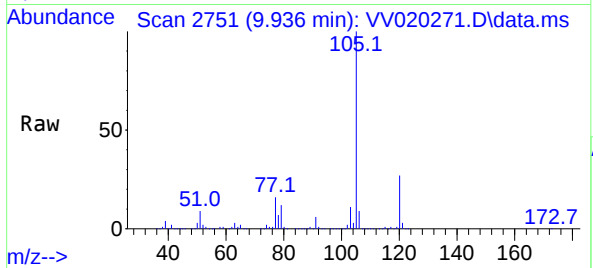




#56
Isopropylbenzene
Concen: 228.75 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

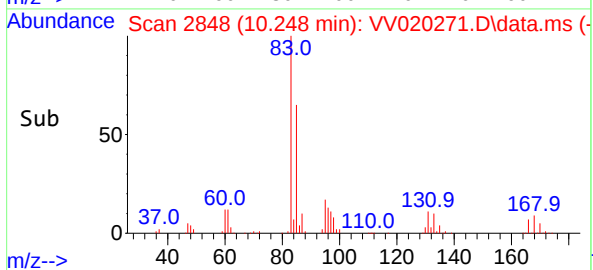
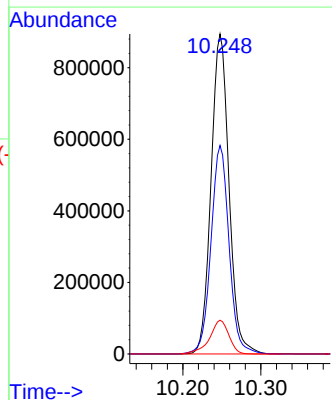
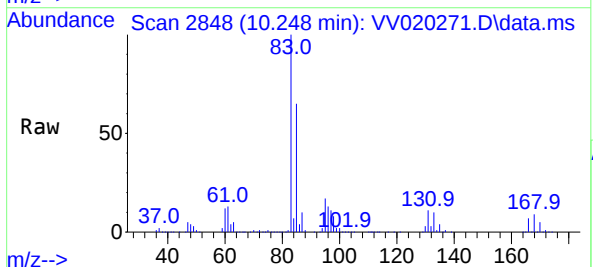
Instrument :
MSVOA_V
ClientSampleId :

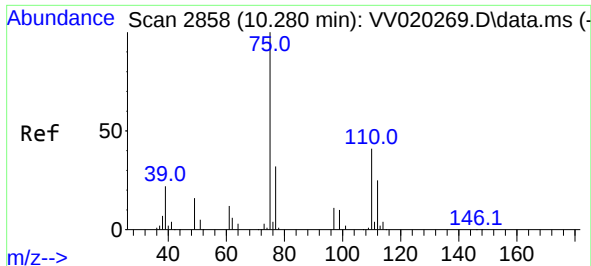
Tgt Ion:105 Resp: 4264975
Ion Ratio Lower Upper
105 100
120 27.1 20.5 30.7
77 15.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 234.99 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 83 Resp: 1429317
Ion Ratio Lower Upper
83 100
85 65.1 44.3 82.3
131 10.5 7.3 10.9

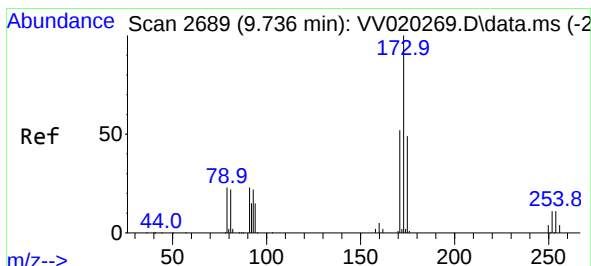
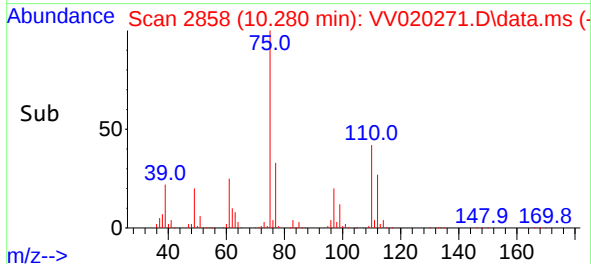
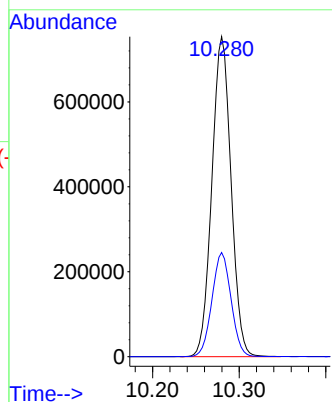
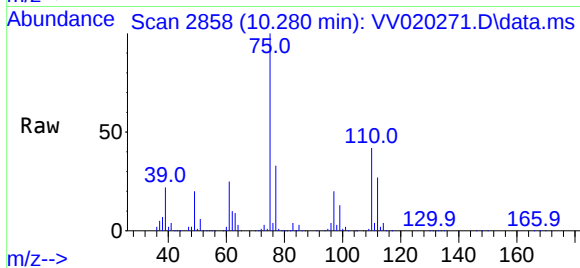




#59
1,2,3-Trichloropropane
Concen: 235.06 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

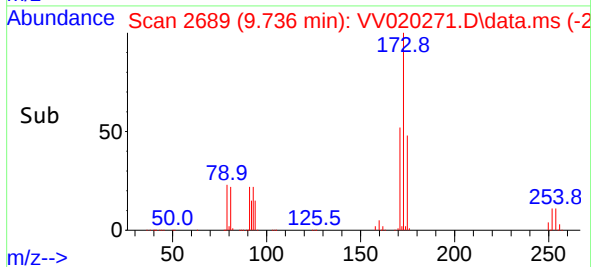
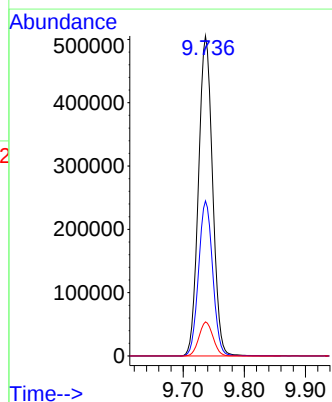
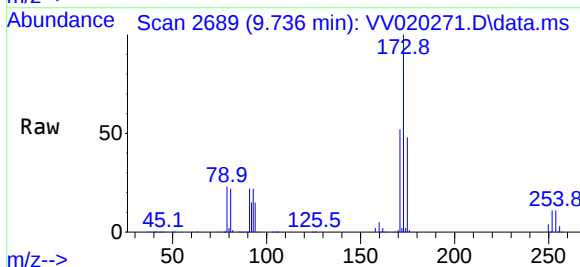
Instrument :
MSVOA_V
ClientSampleId :

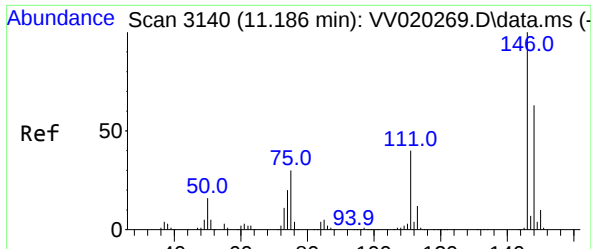
Tgt Ion: 75 Resp: 1158761
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#61
Bromoform
Concen: 227.45 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:173 Resp: 807074
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 10.6 6.5 9.7#

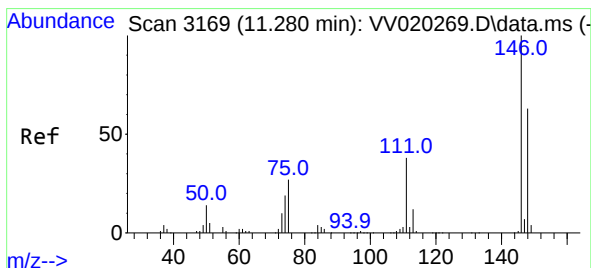
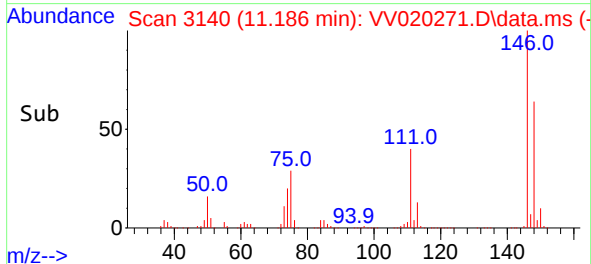
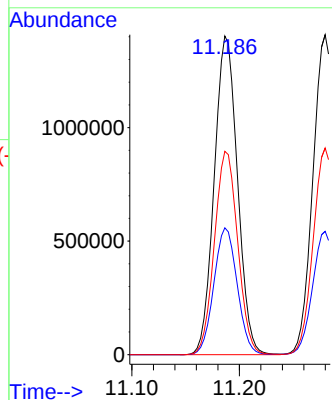
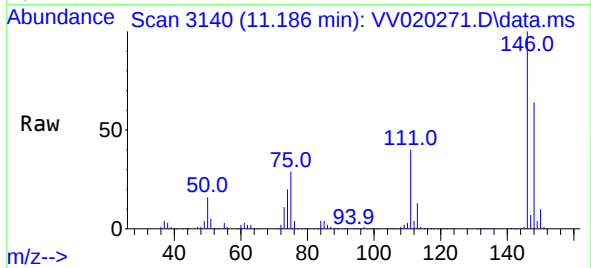




#62
1,3-Dichlorobenzene
Concen: 213.53 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

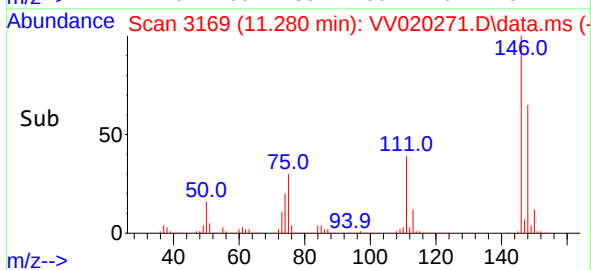
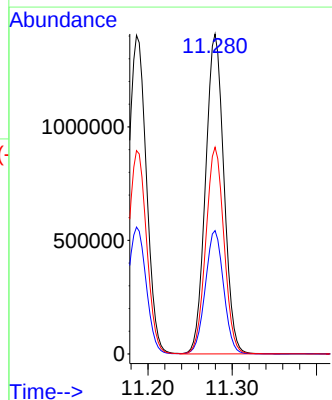
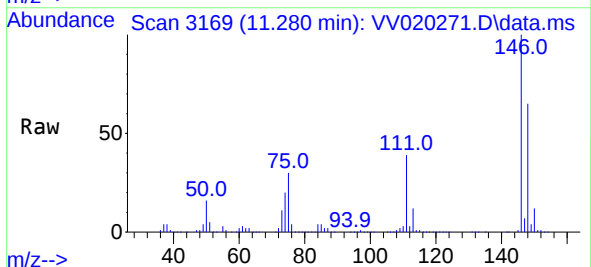
Instrument :
MSVOA_V
ClientSampled :

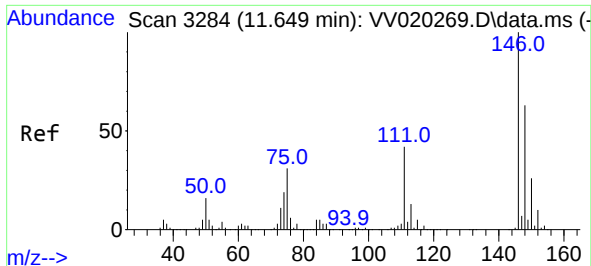
Tgt Ion:146 Resp: 2108814
Ion Ratio Lower Upper
146 100
111 39.8 30.2 56.2
148 63.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 208.48 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:146 Resp: 2133134
Ion Ratio Lower Upper
146 100
111 38.6 29.4 54.6
148 64.6 44.7 83.1

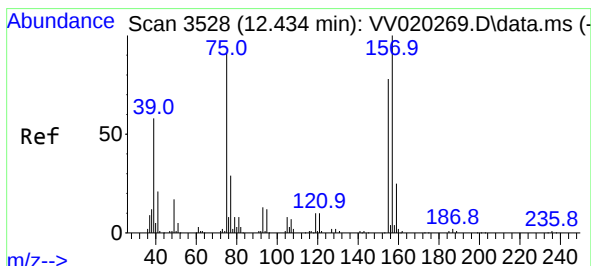
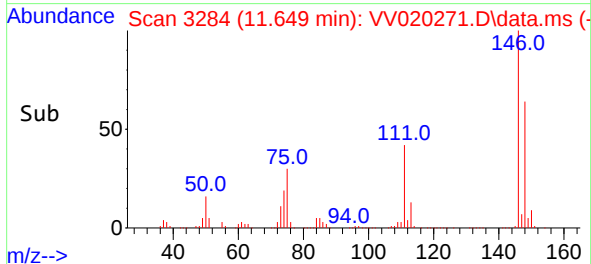
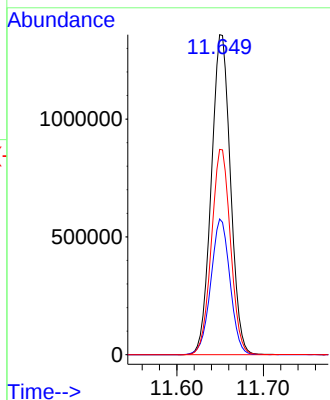
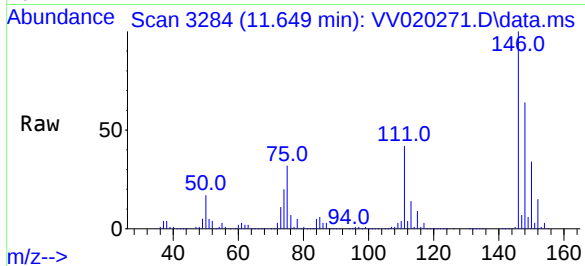




#65
1,2-Dichlorobenzene
Concen: 211.67 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

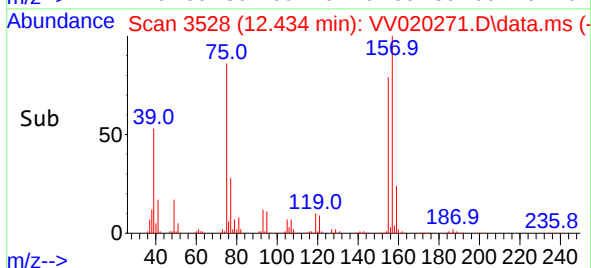
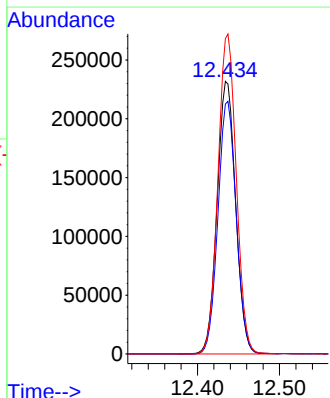
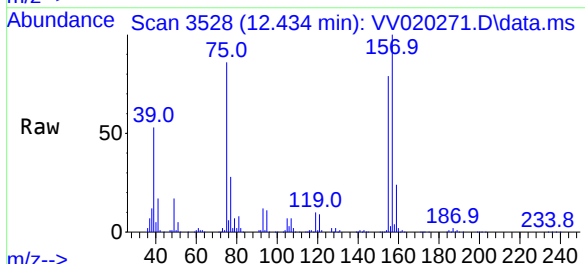
Instrument :
MSVOA_V
ClientSampleId :

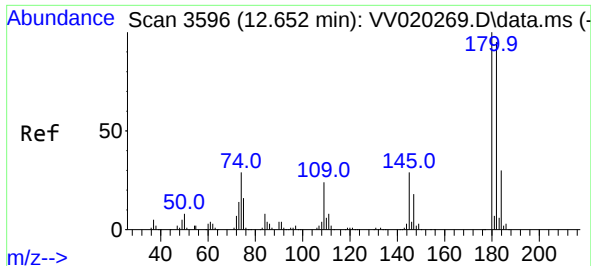
Tgt Ion:146 Resp: 2083786
Ion Ratio Lower Upper
146 100
111 42.4 36.3 54.5
148 64.1 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 273.03 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion: 75 Resp: 364563
Ion Ratio Lower Upper
75 100
155 91.7 59.1 88.7#
157 115.7 75.4 113.0#

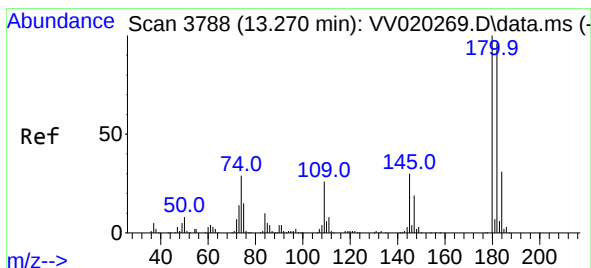
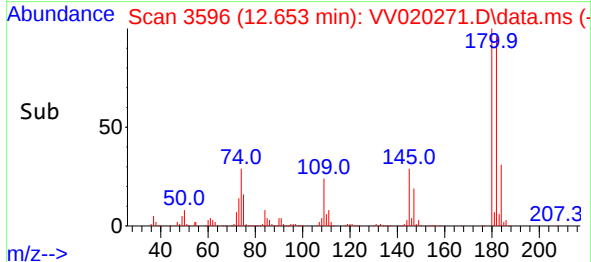
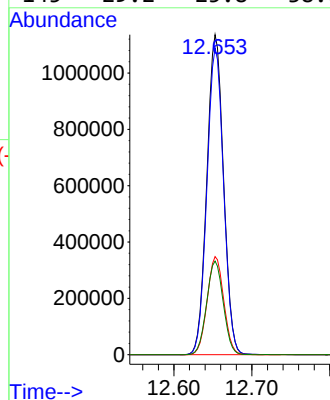
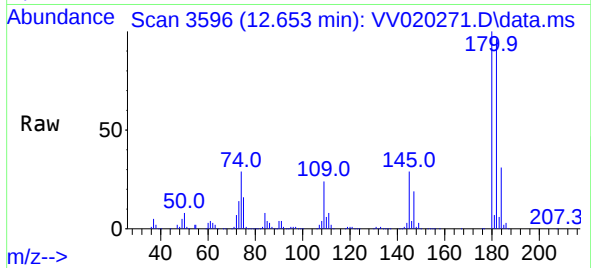




#67
1,3,5-Trichlorobenzene
Concen: 199.98 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

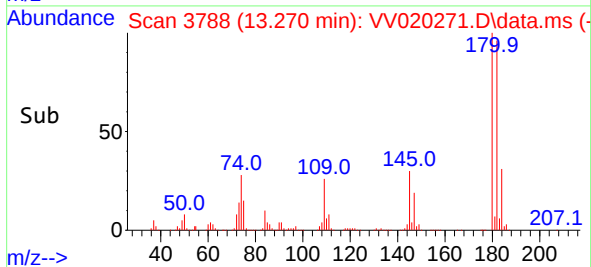
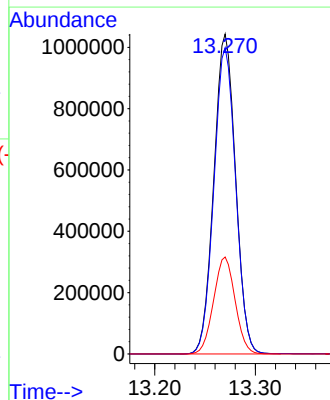
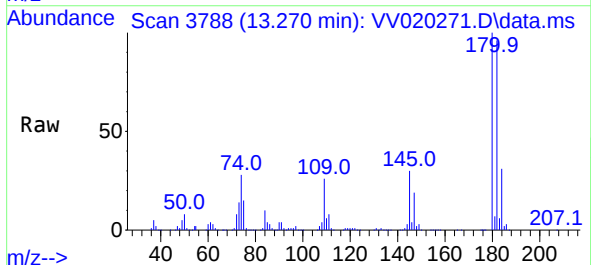
Instrument :
MSVOA_V
ClientSampleId :

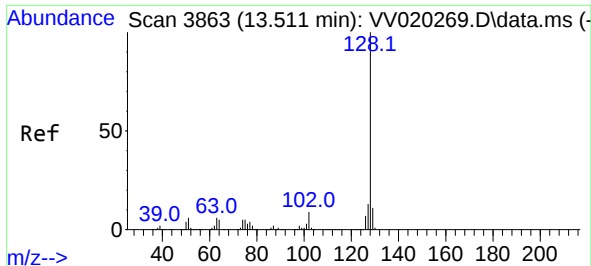
Tgt Ion:180 Resp: 1691945
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
184 30.5 24.0 36.0
145 29.2 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 205.58 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:180 Resp: 1562784
Ion Ratio Lower Upper
180 100
182 96.1 75.1 112.7
145 30.1 26.8 40.2

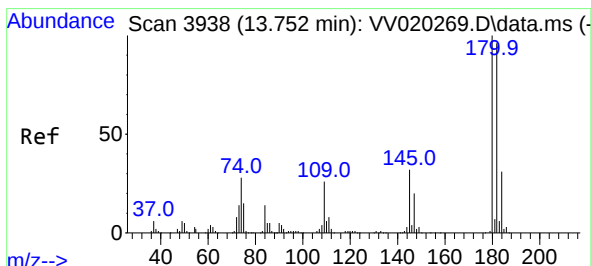
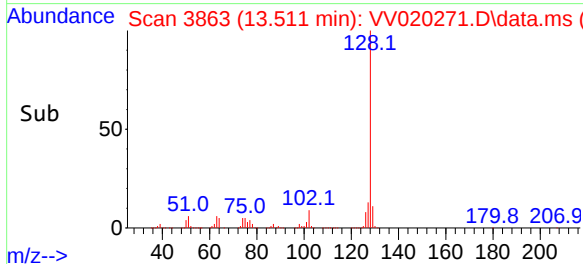
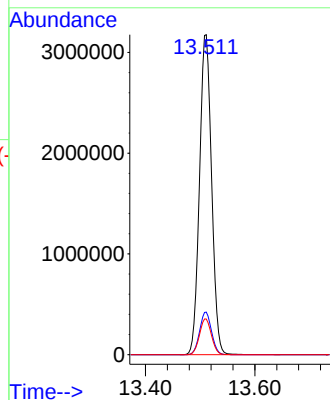
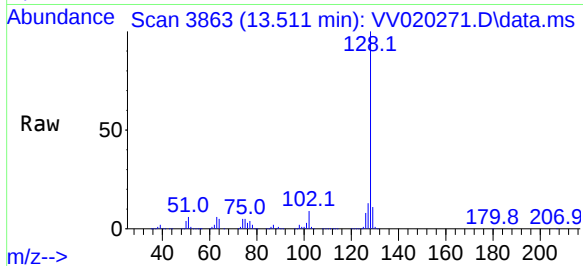




#69
Naphthalene
Concen: 250.50 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 4858209
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 203.74 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020271.D
Acq: 05 Feb 2021 11:31

Tgt Ion:180 Resp: 1536310
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 31.7 27.9 41.9

