

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020149.D
 Acq On : 22 Jan 2021 20:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Jan 23 00:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	450185	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	418711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	235296	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	153496	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.569	69	133062	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.110	63	310631	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
21) 2-Butanone-d5	3.894	46	237142	103.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.354	84	317782	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
26) 1,2-Dichloroethane-d4	5.035	65	212112	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.055	84	597240	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.074	67	190573	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.318	98	553189	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloroprop...	7.624	79	91298	51.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.52%
47) 2-Hexanone-d5	8.093	63	167676	110.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.81%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	240727	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.633	152	232909	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	160332	42.39	ug/L 100
3) Chloromethane	1.241	50	177783	47.09	ug/L 99
5) Vinyl chloride	1.312	62	181686	46.59	ug/L 100
6) Bromomethane	1.524	94	105378	42.84	ug/L 97
8) Chloroethane	1.585	64	120120	48.04	ug/L 98
9) Trichlorofluoromethane	1.753	101	260631	46.90	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	139679	43.87	ug/L 94
12) 1,1-Dichloroethene	2.119	96	141262	46.18	ug/L 85
13) Acetone	2.187	43	178304	90.51	ug/L 99
14) Carbon disulfide	2.296	76	375878	42.19	ug/L 99
15) Methyl Acetate	2.438	43	175997	48.57	ug/L 100
16) Methylene chloride	2.508	84	152632	45.96	ug/L 99
17) trans-1,2-Dichloroethene	2.762	96	137911	45.39	ug/L 97
18) Methyl tert-butyl Ether	2.772	73	476113	48.40	ug/L 99
19) 1,1-Dichloroethane	3.193	63	272882	47.05	ug/L 99
20) cis-1,2-Dichloroethene	3.917	96	163888	50.32	ug/L 97
22) 2-Butanone	3.974	43	261009	105.44	ug/L 97
23) Bromochloromethane	4.251	128	87494	51.27	ug/L 94
25) Chloroform	4.380	83	317279	52.14	ug/L 99
27) 1,2-Dichloroethane	5.135	62	263477	50.74	ug/L 100

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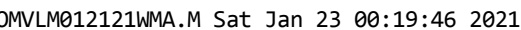
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

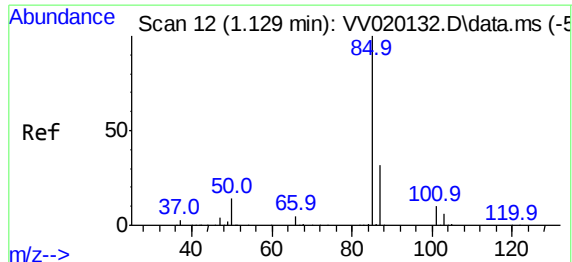
Quant Time: Jan 23 00:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.682	56	242034	49.69	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	268154	51.48	ug/L	99
31) Carbon tetrachloride	4.833	117	227346	50.75	ug/L	99
33) Benzene	5.103	78	665320	52.88	ug/L	100
34) Trichloroethene	5.920	95	182719	51.36	ug/L	94
35) Methylcyclohexane	6.135	83	244780	48.17	ug/L	97
37) 1,2-Dichloropropane	6.177	63	176840	53.77	ug/L	99
38) Bromodichloromethane	6.515	83	232614	51.65	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	270563	53.22	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	543407	110.26	ug/L	99
42) Toluene	7.392	91	684864	51.30	ug/L	98
44) trans-1,3-Dichloropropene	7.656	75	256119	53.09	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	174812	53.98	ug/L	98
46) Tetrachloroethene	7.981	164	128614	48.43	ug/L	95
48) 2-Hexanone	8.145	43	427096	111.94	ug/L	98
49) Dibromochloromethane	8.251	129	174408	49.84	ug/L	100
50) 1,2-Dibromoethane	8.357	107	183226	51.77	ug/L	100
51) Chlorobenzene	8.884	112	450331	51.32	ug/L	99
52) Ethylbenzene	9.016	91	748890	50.95	ug/L	98
53) m,p-Xylene	9.145	106	288551	53.91	ug/L	97
54) o-xylene	9.550	106	292081	54.27	ug/L	96
55) Styrene	9.566	104	518331	55.04	ug/L	97
56) Isopropylbenzene	9.936	105	759303	52.84	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	244563	50.12	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	208743	48.06	ug/L	99
61) Bromoform	9.736	173	117366	49.07	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	357576	49.95	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	371636	49.82	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	381602	52.61	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	60411	50.25	ug/L	87
67) 1,3,5-Trichlorobenzene	12.653	180	279157	50.33	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	214058	43.70	ug/L	99
69) Naphthalene	13.511	128	670438	47.18	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	215979	44.85	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 42.39 ug/L

RT: 1.129 min Scan# 12

Delta R.T. -0.000 min

Lab File: VV020149.D

Acq: 22 Jan 2021 20:34

Tgt Ion: 85 Resp: 160332

Ion Ratio Lower Upper

85 100

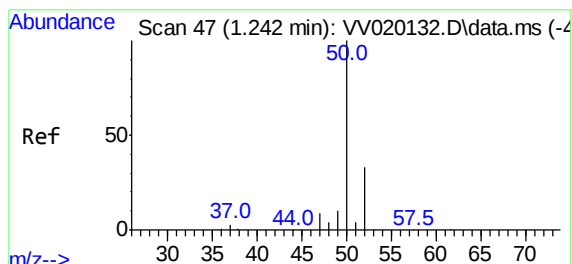
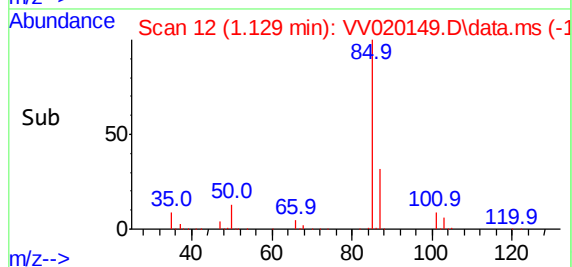
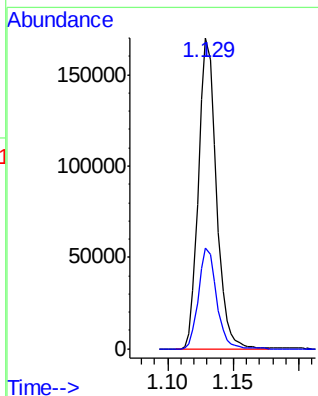
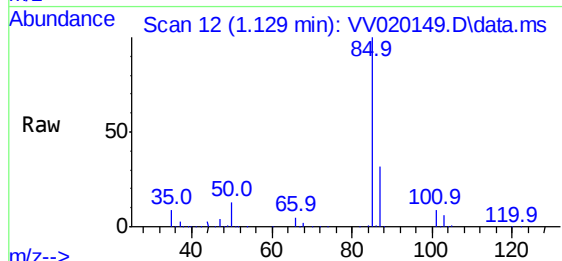
87 32.5 25.9 38.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080



#3

Chloromethane

Concen: 47.09 ug/L

RT: 1.241 min Scan# 47

Delta R.T. -0.000 min

Lab File: VV020149.D

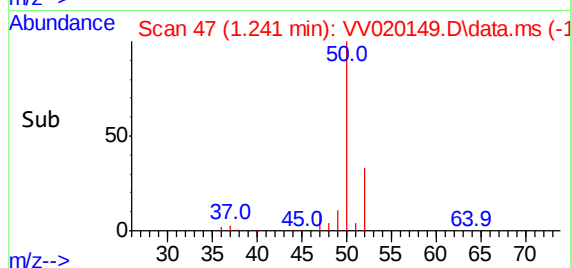
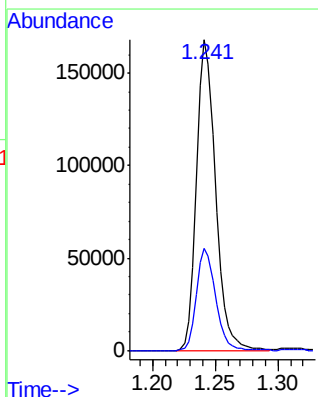
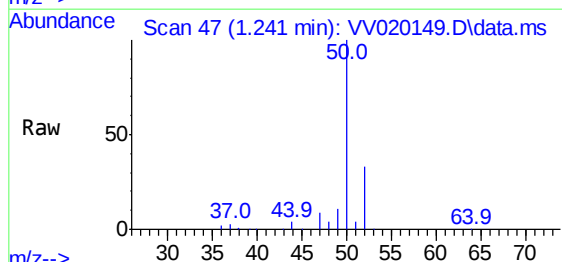
Acq: 22 Jan 2021 20:34

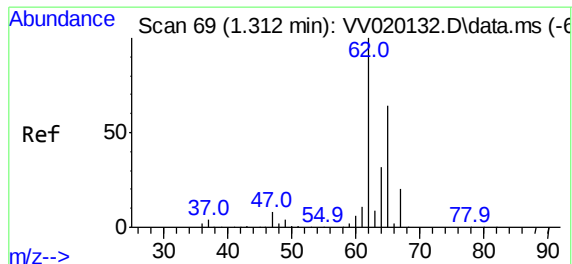
Tgt Ion: 50 Resp: 177783

Ion Ratio Lower Upper

50 100

52 33.0 22.7 42.1



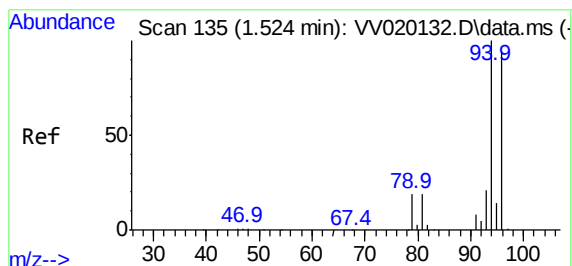
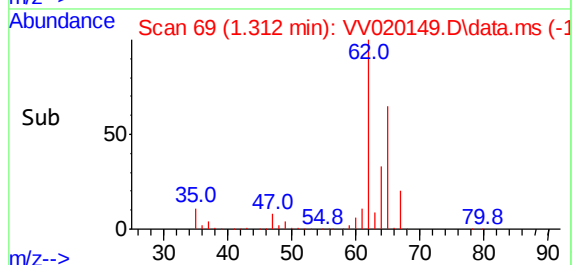
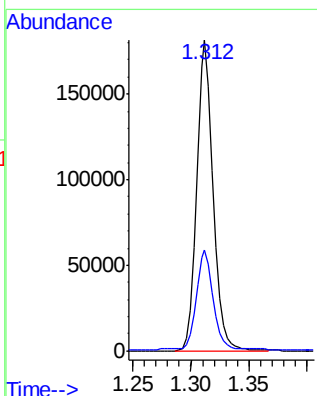
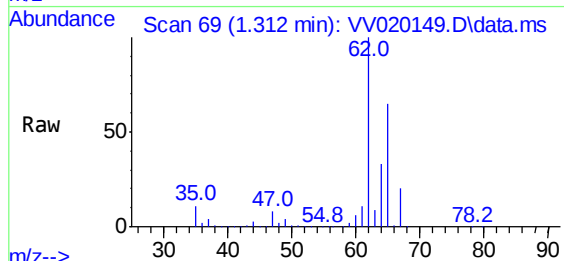


#5
 Vinyl chloride
 Concen: 46.59 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Tgt Ion: 62 Resp: 181686

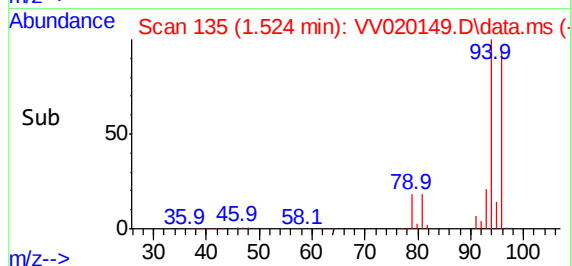
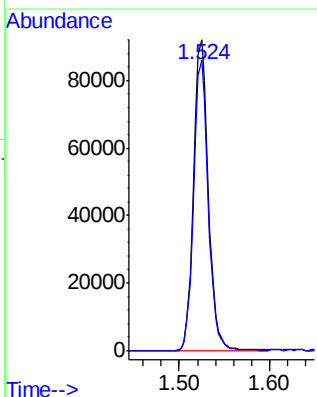
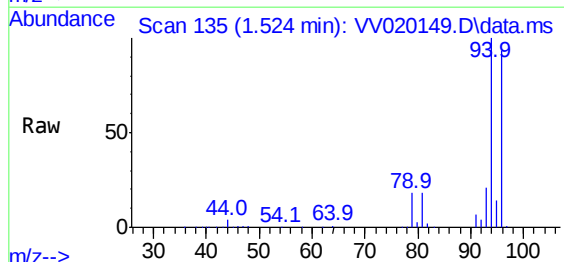
Ion	Ratio	Lower	Upper
62	100		
64	32.6	23.0	42.6

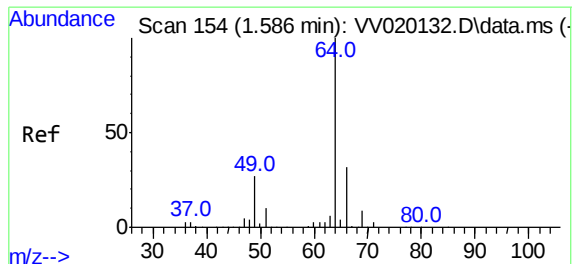


#6
 Bromomethane
 Concen: 42.84 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

Tgt Ion: 94 Resp: 105378

Ion	Ratio	Lower	Upper
94	100		
96	93.5	63.6	118.2

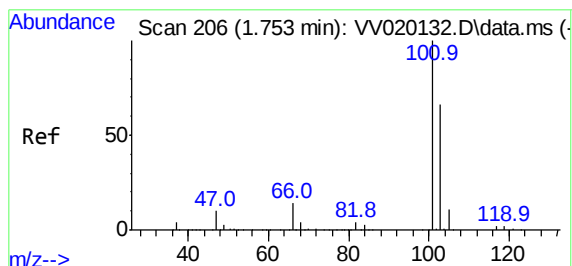
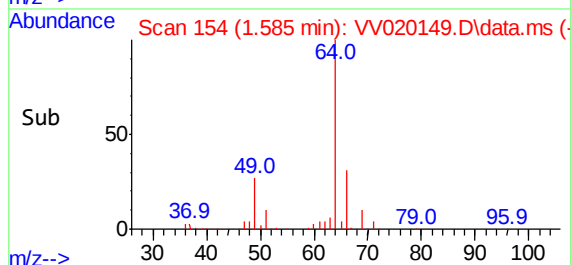
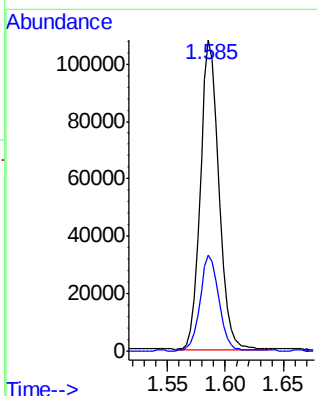
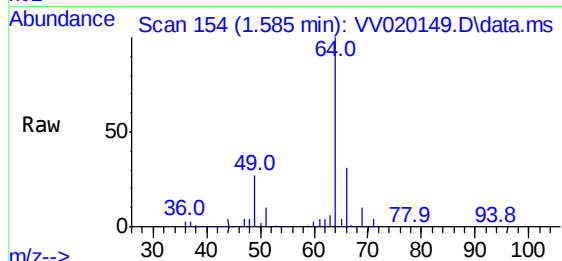




#8
Chloroethane
Concen: 48.04 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

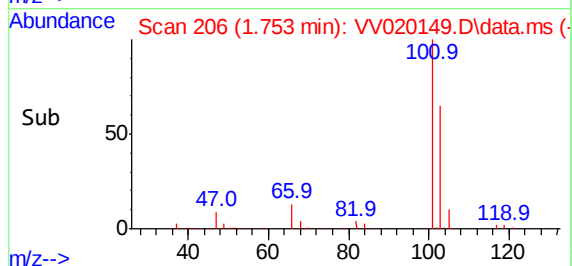
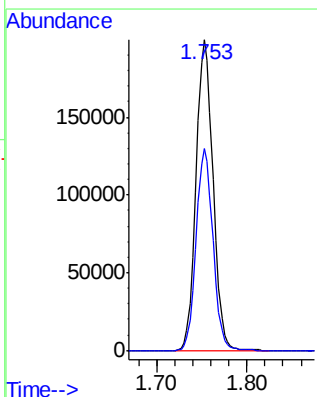
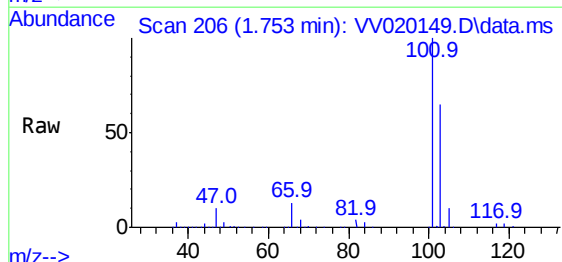
Instrument :
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ClientSampleId :
VSTD05080

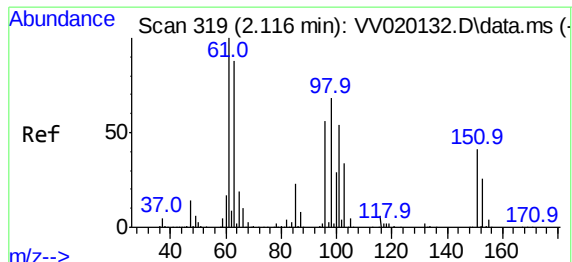
Tgt Ion: 64 Resp: 120120
Ion Ratio Lower Upper
64 100
66 30.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.90 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:101 Resp: 260631
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5



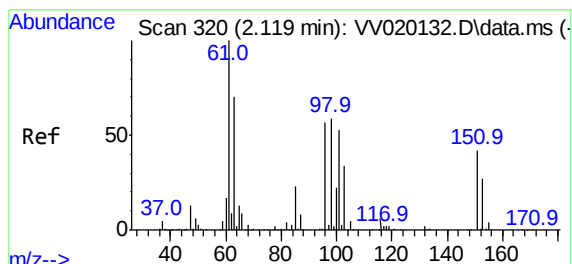
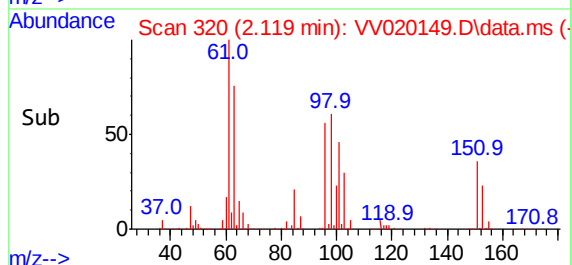
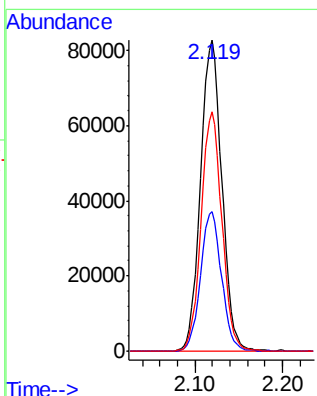
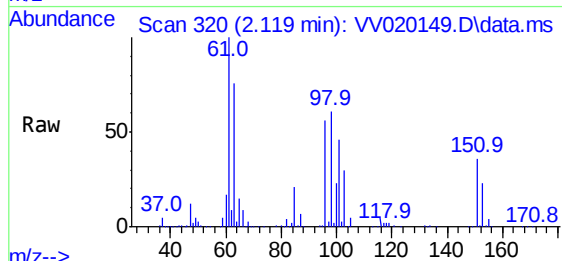


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.87 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Tgt Ion:101 Resp: 139679

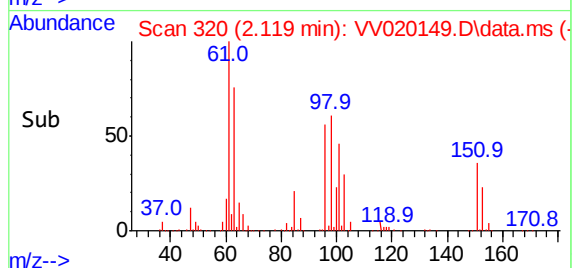
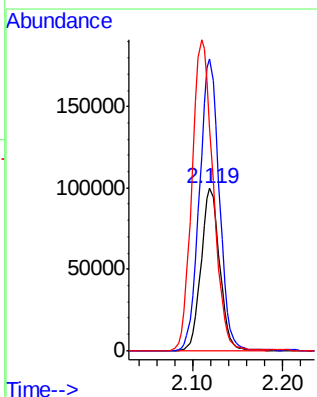
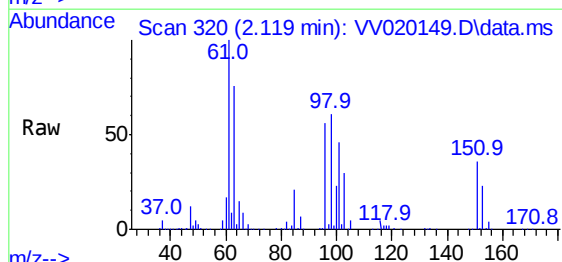
Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.3	52.9
151	74.9	53.6	80.4

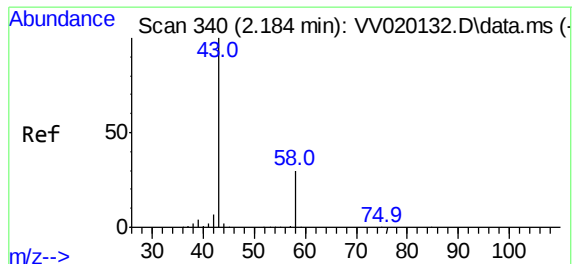


#12
 1,1-Dichloroethene
 Concen: 46.18 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

Tgt Ion: 96 Resp: 141262

Ion	Ratio	Lower	Upper
96	100		
61	179.7	134.9	250.5
63	137.4	117.6	218.4

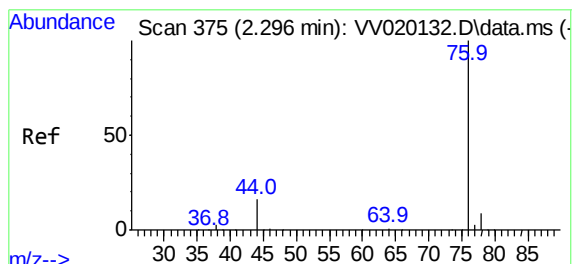
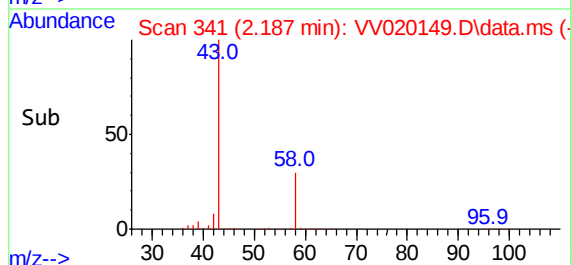
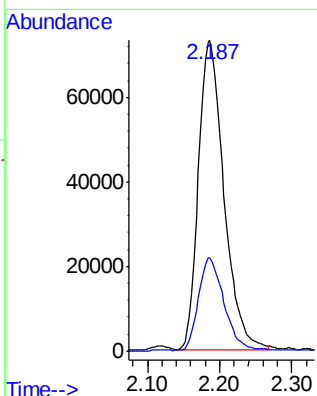
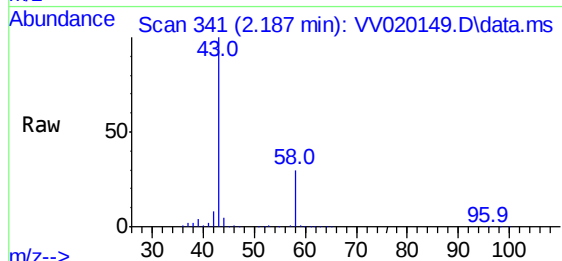




#13
Acetone
Concen: 90.51 ug/L
RT: 2.187 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

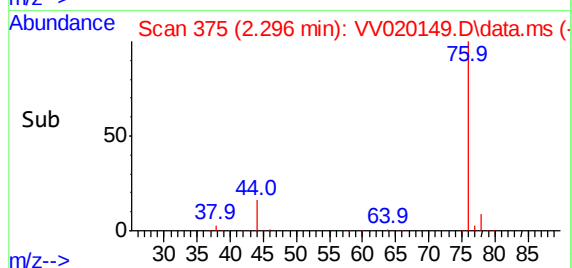
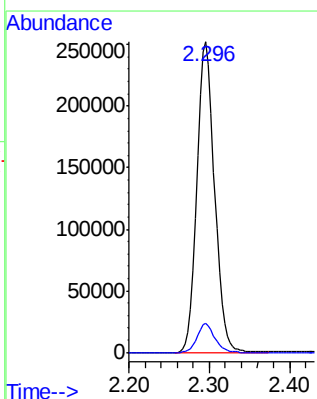
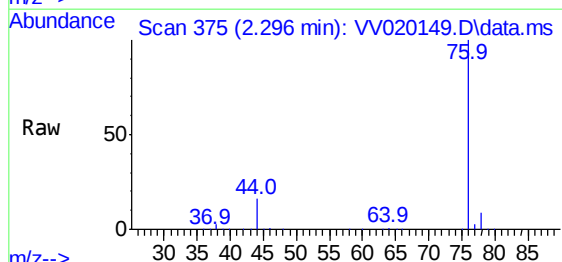
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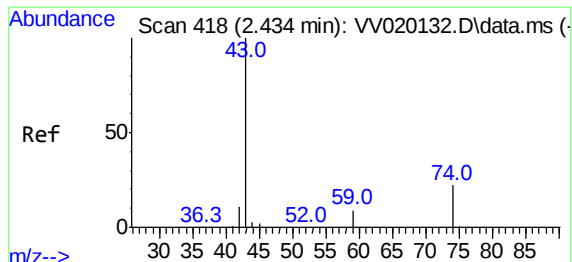
Tgt Ion: 43 Resp: 178304
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.2



#14
Carbon disulfide
Concen: 42.19 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 76 Resp: 375878
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

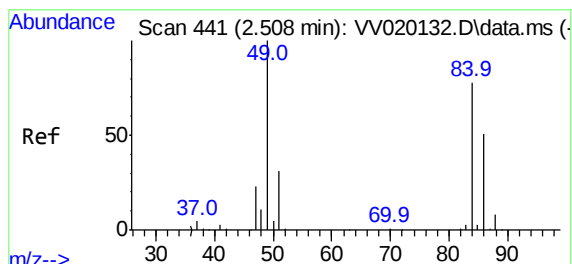
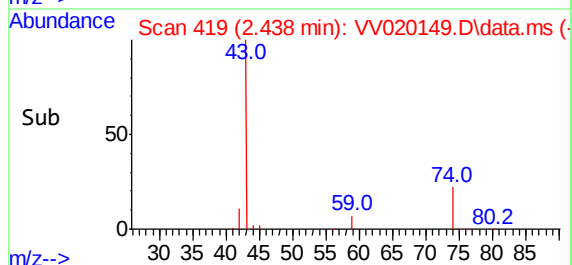
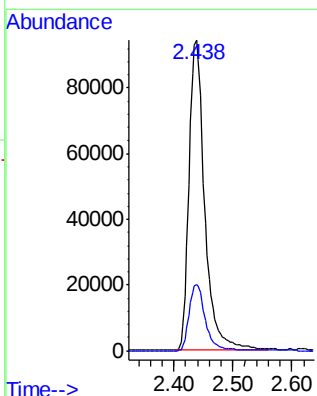
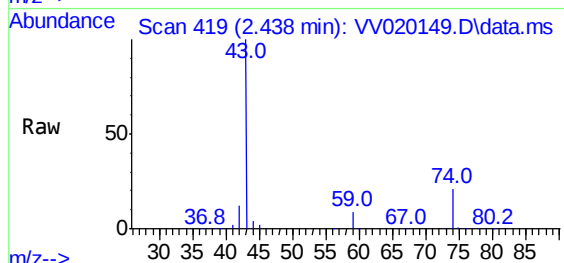




#15
Methyl Acetate
Concen: 48.57 ug/L
RT: 2.438 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

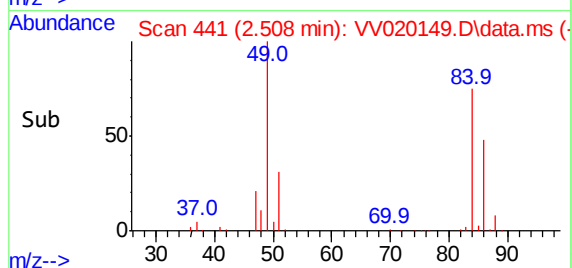
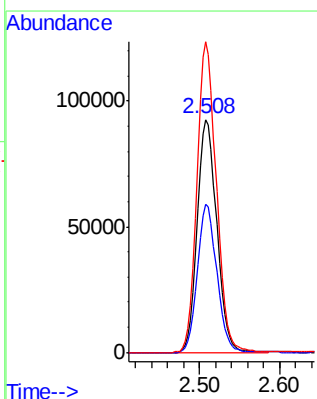
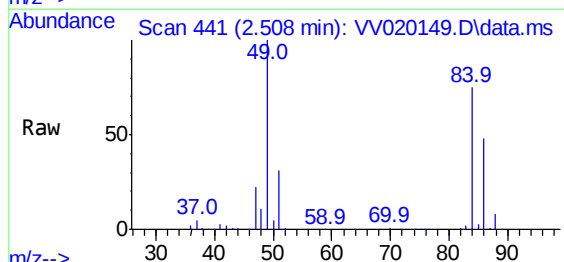
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

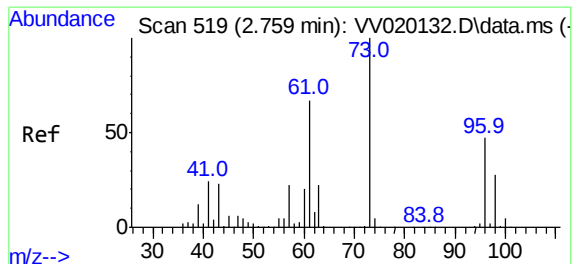
Tgt Ion: 43 Resp: 175997
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 45.96 ug/L
RT: 2.508 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 84 Resp: 152632
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 133.2 94.6 175.8

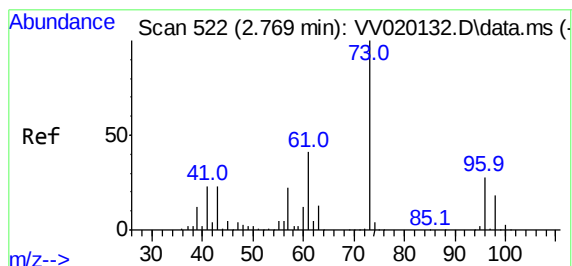
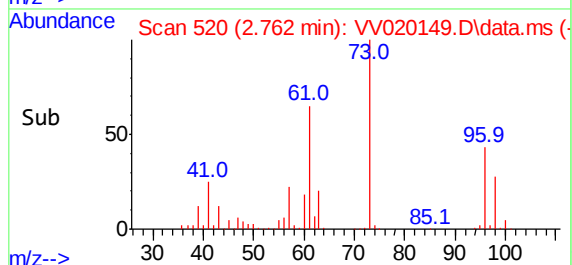
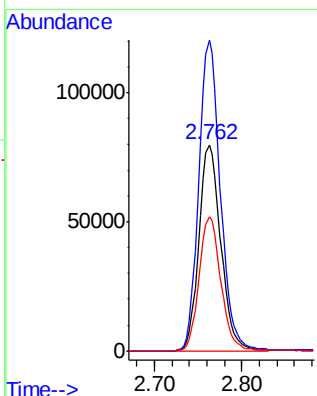
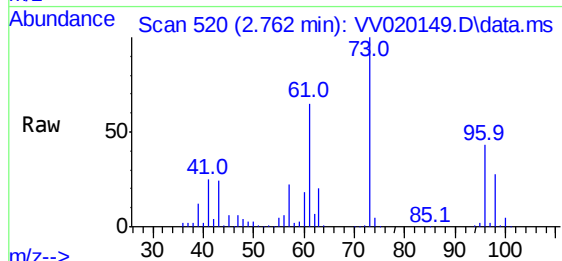




#17
trans-1,2-Dichloroethene
Concen: 45.39 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

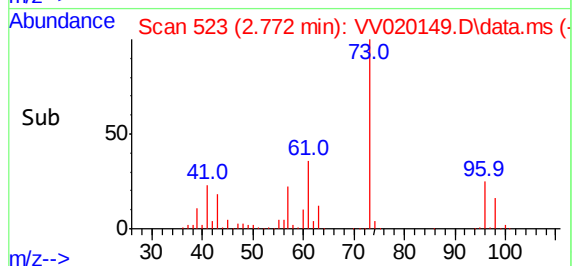
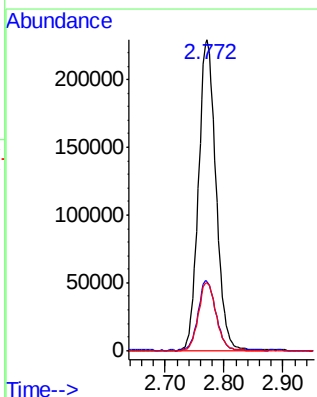
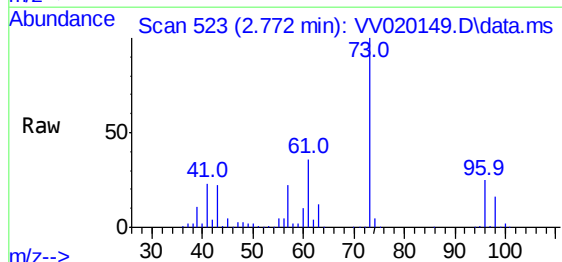
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

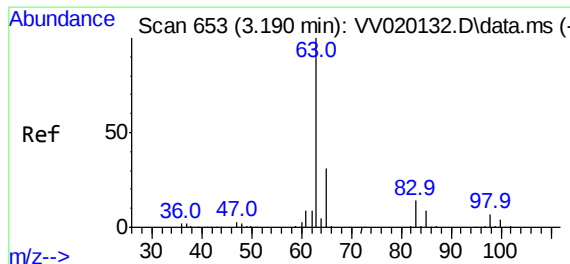
Tgt Ion: 96 Resp: 137911
Ion Ratio Lower Upper
96 100
61 150.7 103.1 191.5
98 64.9 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 48.40 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 73 Resp: 476113
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9
57 22.0 17.9 26.9

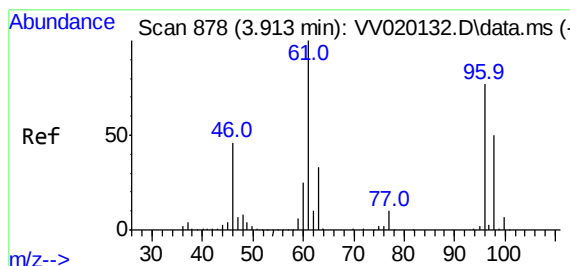
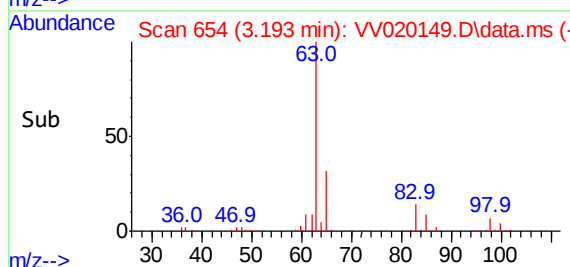
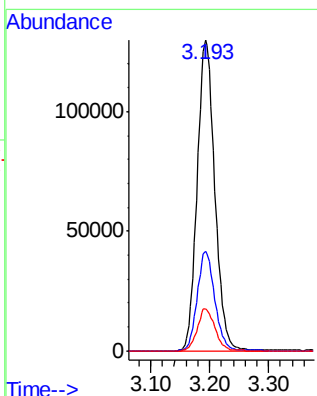
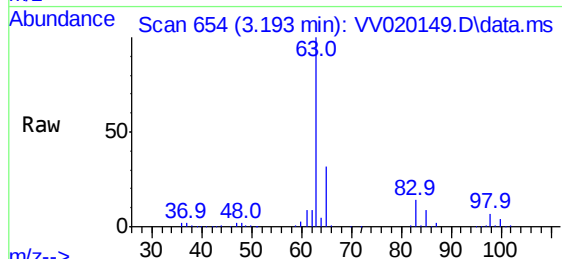




#19
1,1-Dichloroethane
Concen: 47.05 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

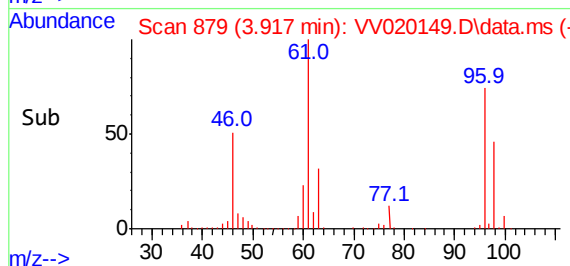
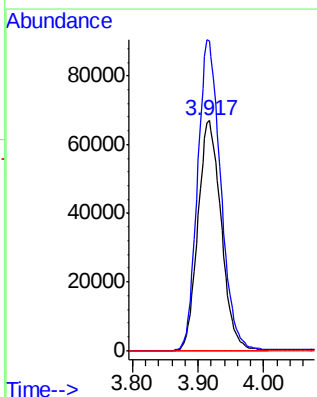
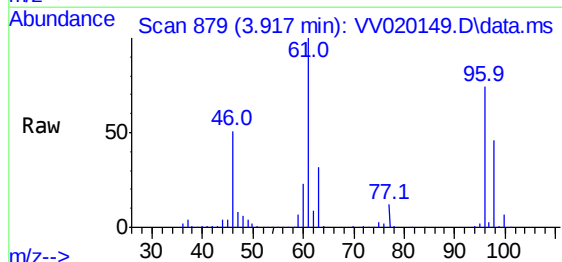
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

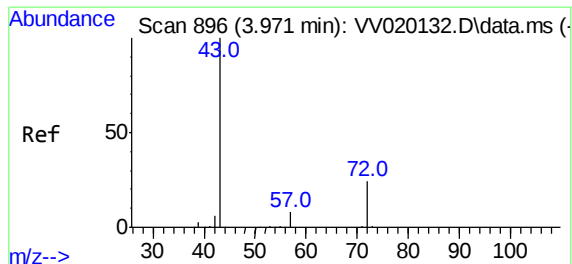
Tgt Ion: 63 Resp: 272882
Ion Ratio Lower Upper
63 100
65 32.2 21.9 40.7
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.32 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 96 Resp: 163888
Ion Ratio Lower Upper
96 100
61 134.6 96.9 179.9
68 0.0 0.0 0.0

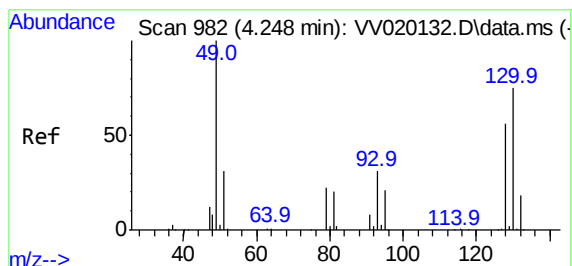
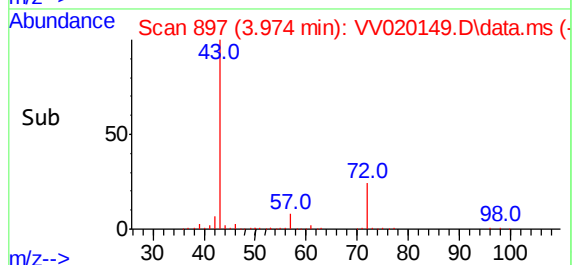
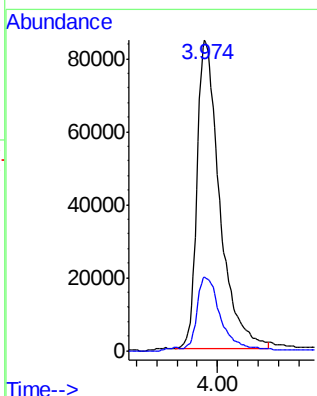
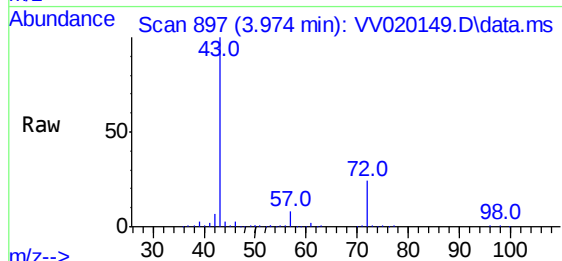




#22
2-Butanone
Concen: 105.44 ug/L
RT: 3.974 min Scan# 897
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

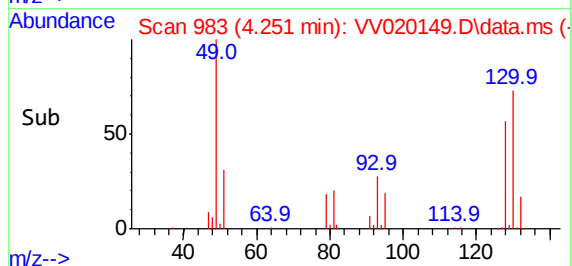
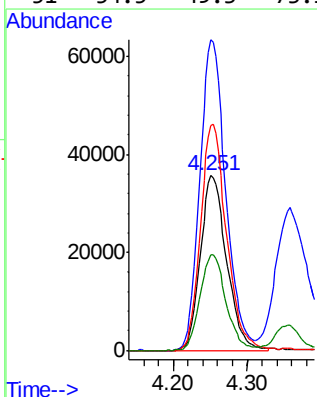
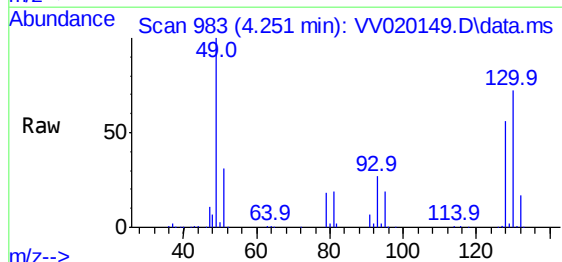
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

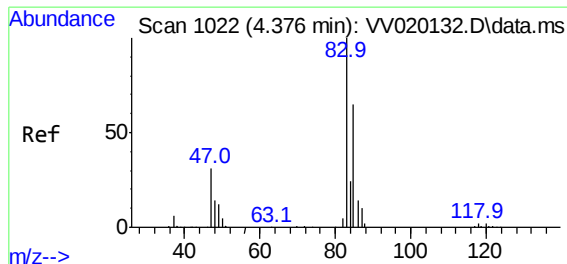
Tgt Ion: 43 Resp: 261009
Ion Ratio Lower Upper
43 100
72 22.8 12.2 36.6



#23
Bromochloromethane
Concen: 51.27 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:128 Resp: 87494
Ion Ratio Lower Upper
128 100
49 178.0 133.1 247.1
130 128.7 89.0 165.4
51 54.5 49.3 73.9

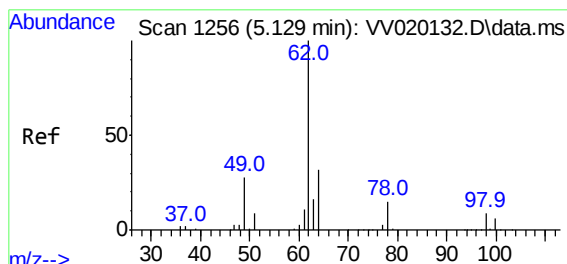
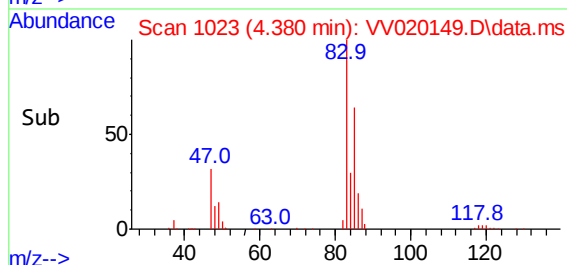
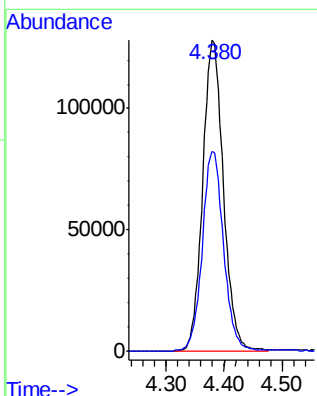
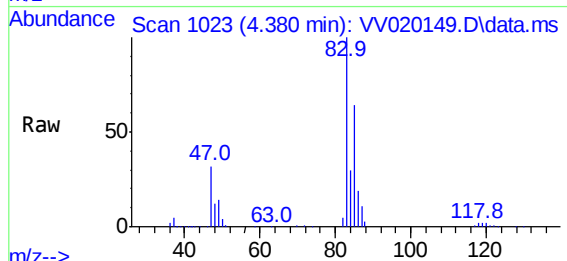




#25
Chloroform
Concen: 52.14 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

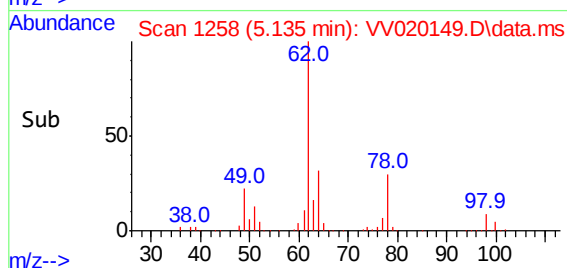
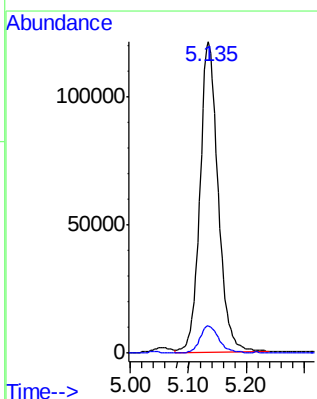
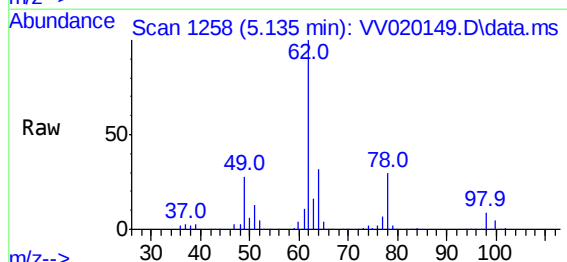
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

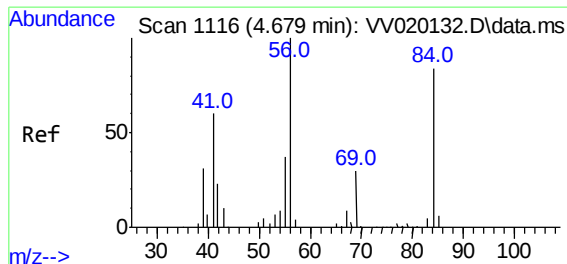
Tgt Ion: 83 Resp: 317279
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.74 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 62 Resp: 263477
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3



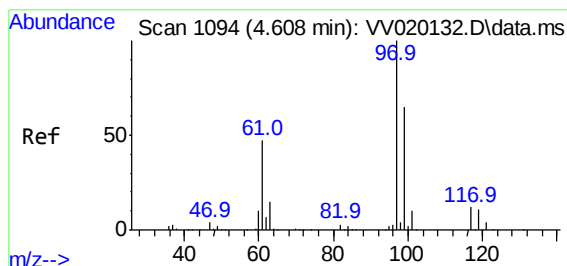
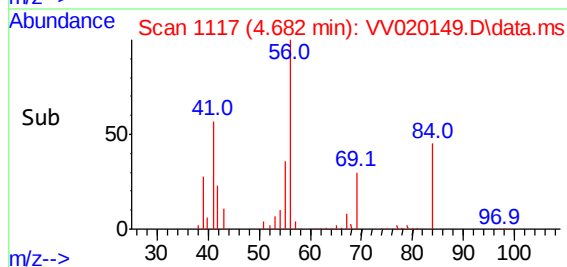
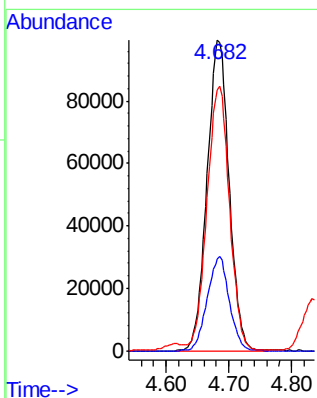
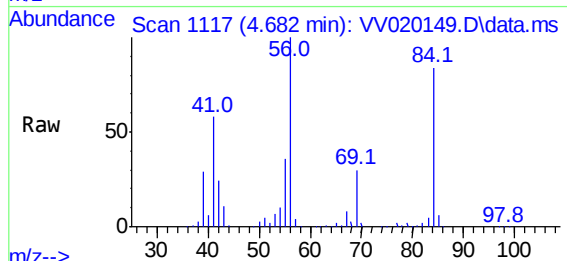


#29
Cyclohexane
Concen: 49.69 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Tgt Ion: 56 Resp: 242034

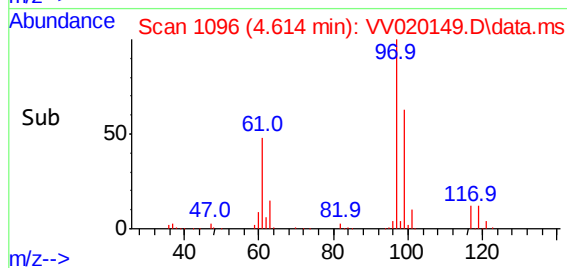
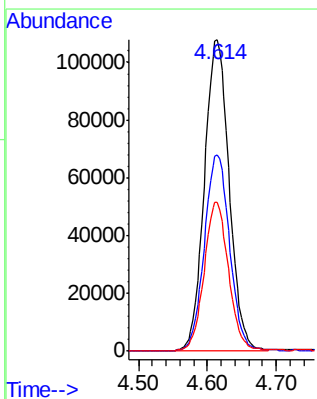
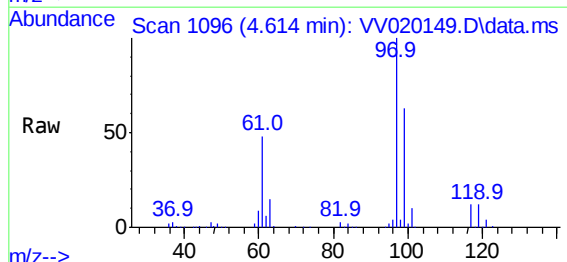
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.2	36.2
84	86.4	66.3	99.5

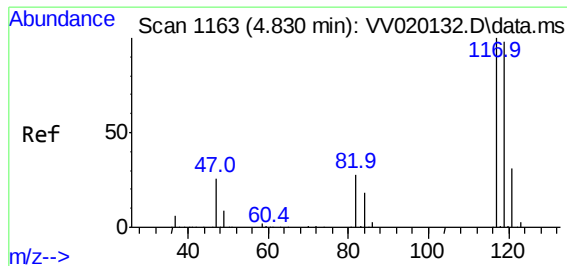


#30
1,1,1-Trichloroethane
Concen: 51.48 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 97 Resp: 268154

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	47.2	38.5	57.7

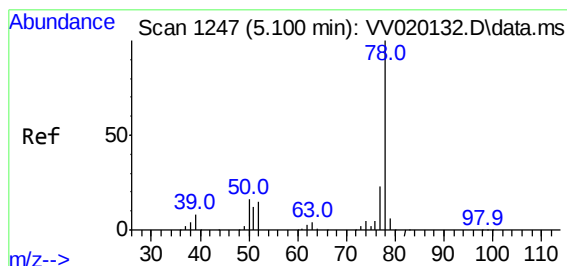
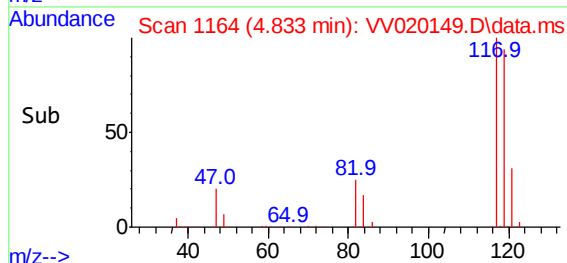
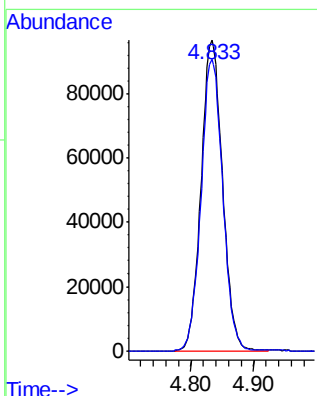
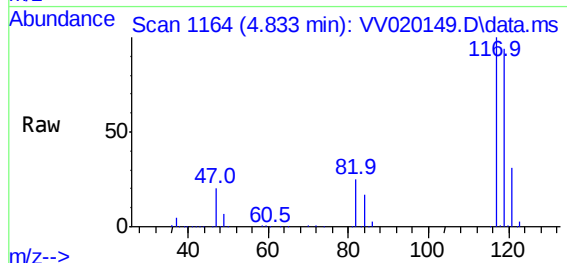




#31
Carbon tetrachloride
Concen: 50.75 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

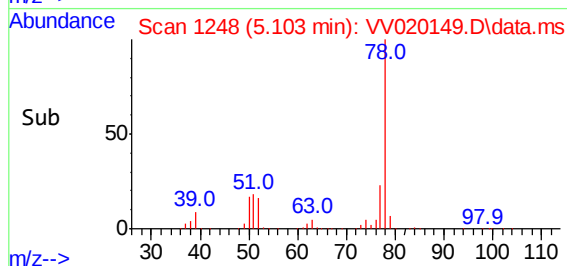
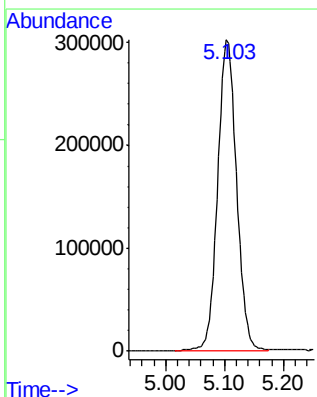
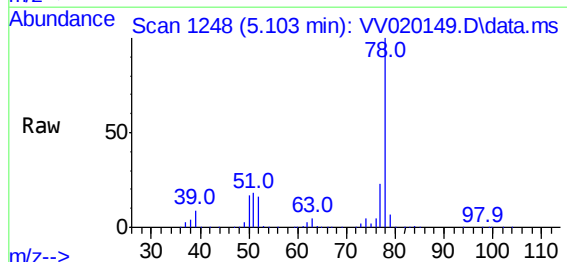
Instrument :
MSVOA_V
ClientSampled :
VSTD05080

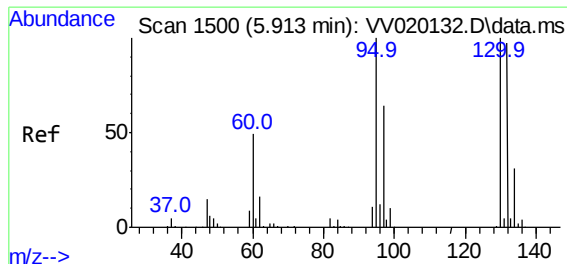
Tgt Ion:117 Resp: 227346
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 52.88 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 78 Resp: 665320

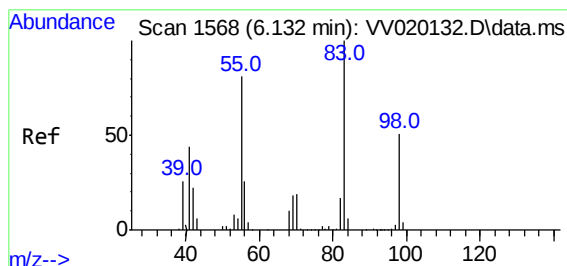
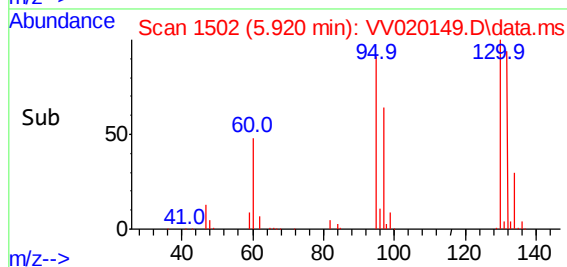
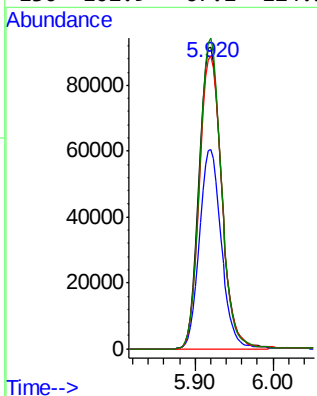
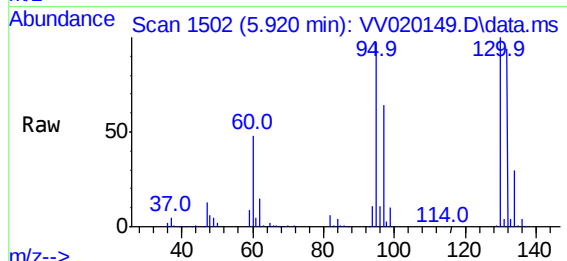




#34
Trichloroethene
Concen: 51.36 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

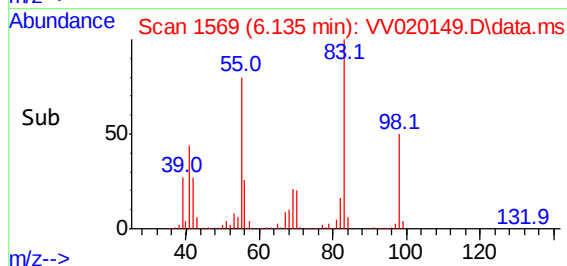
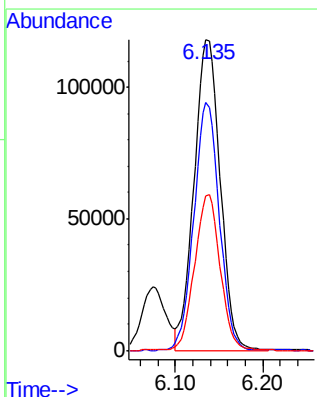
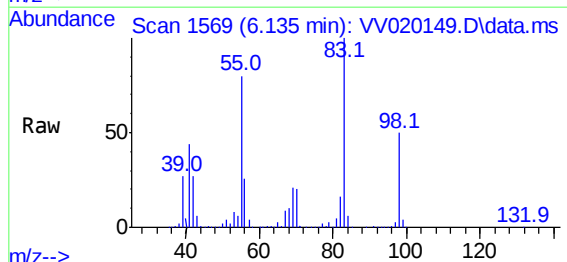
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

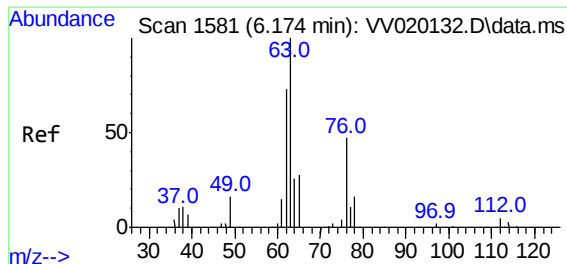
Tgt Ion: 95 Resp: 182719
Ion Ratio Lower Upper
95 100
97 66.2 44.5 82.7
132 96.9 63.4 117.8
130 102.9 67.1 124.5



#35
Methylcyclohexane
Concen: 48.17 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 83 Resp: 244780
Ion Ratio Lower Upper
83 100
55 77.7 65.1 97.7
98 49.0 38.2 57.2

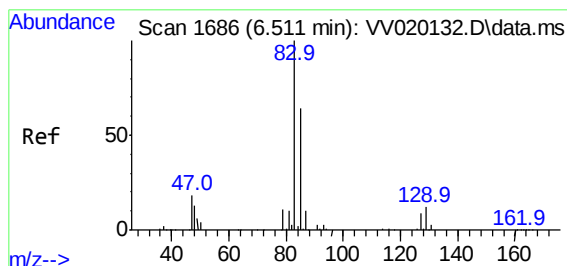
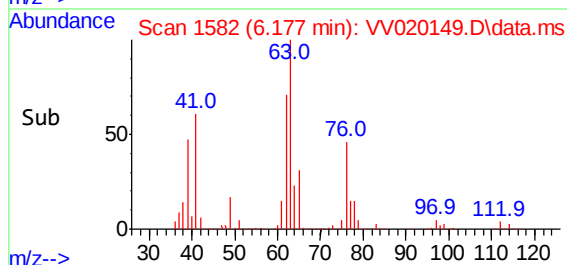
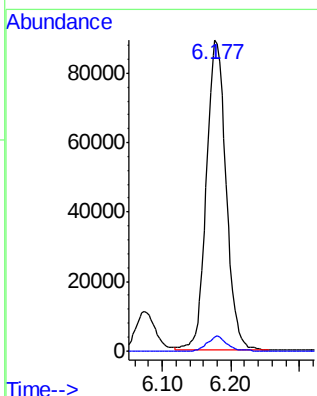
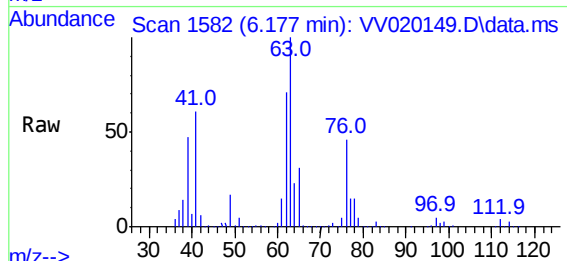




#37
1,2-Dichloropropane
Concen: 53.77 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

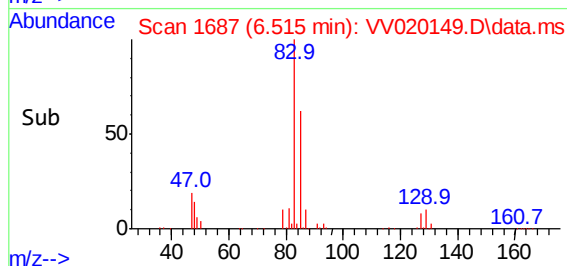
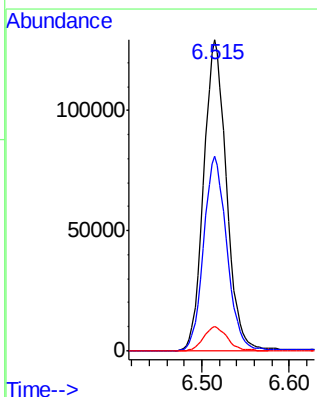
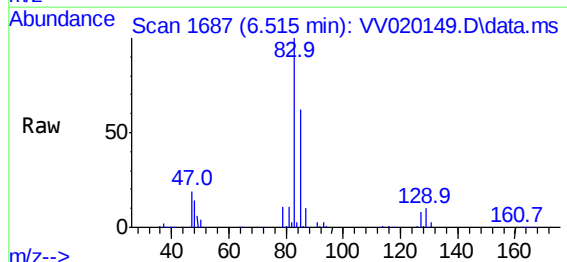
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

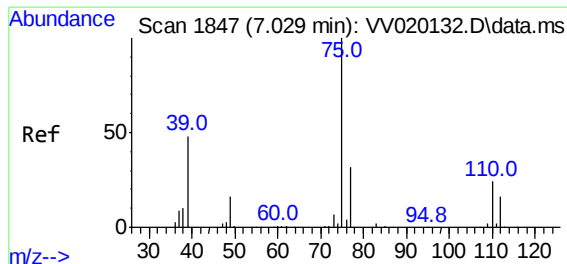
Tgt Ion: 63 Resp: 176840
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 51.65 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 83 Resp: 232614
Ion Ratio Lower Upper
83 100
85 62.4 44.5 82.7
127 7.6 6.3 9.5

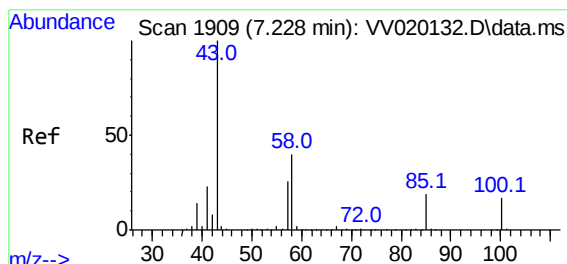
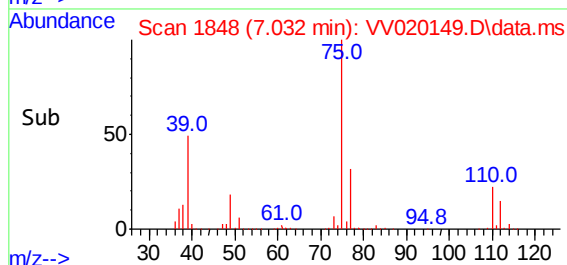
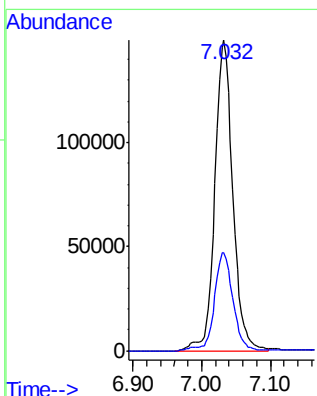
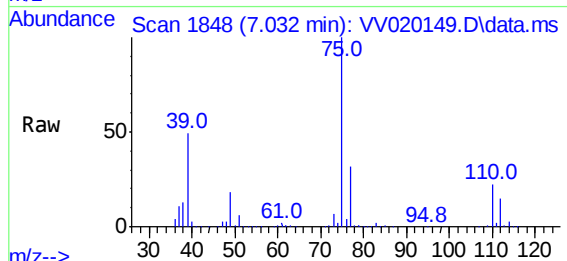




#39
 cis-1,3-Dichloropropene
 Concen: 53.22 ug/L
 RT: 7.032 min Scan# 1848
 Delta R.T. 0.003 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

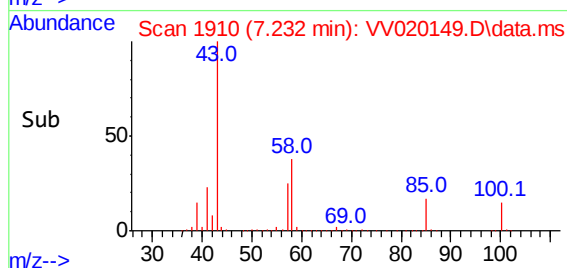
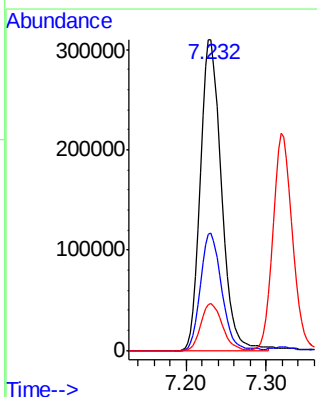
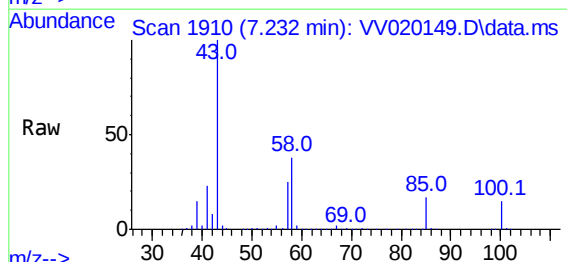
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

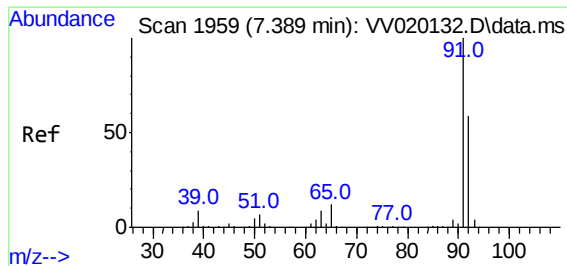
Tgt Ion: 75 Resp: 270563
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 110.26 ug/L
 RT: 7.232 min Scan# 1910
 Delta R.T. 0.003 min
 Lab File: VV020149.D
 Acq: 22 Jan 2021 20:34

Tgt Ion: 43 Resp: 543407
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.7 46.1
 100 15.2 11.6 17.4

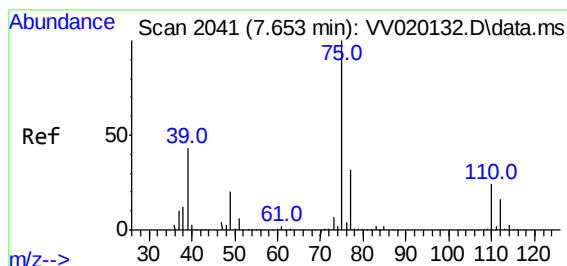
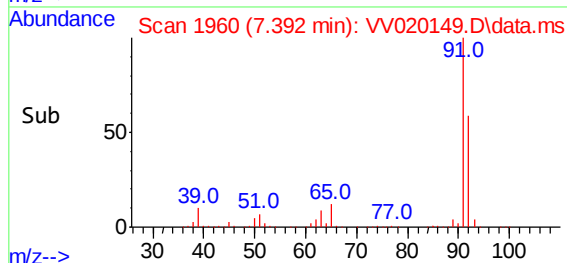
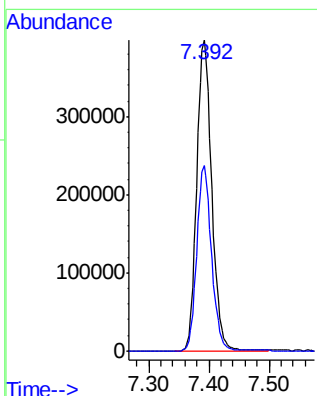
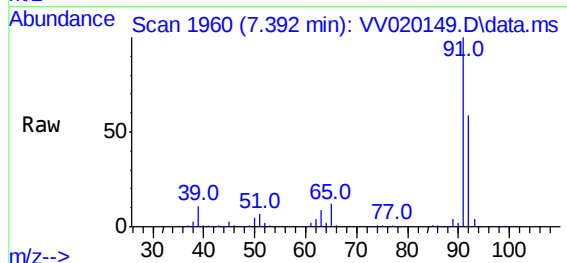




#42
Toluene
Concen: 51.30 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

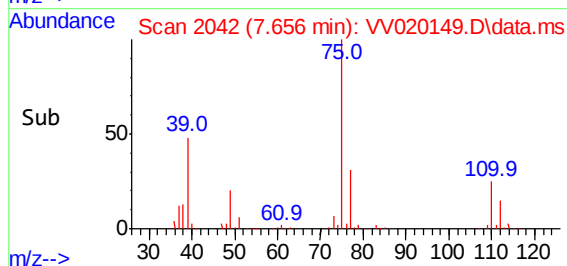
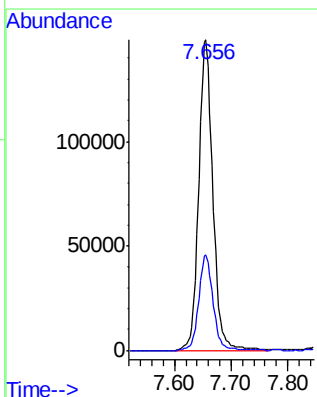
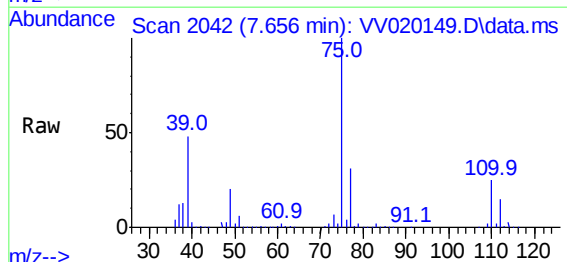
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

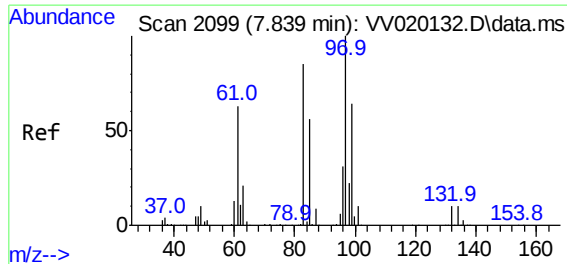
Tgt Ion: 91 Resp: 684864
Ion Ratio Lower Upper
91 100
92 59.5 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 53.09 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 75 Resp: 256119
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0



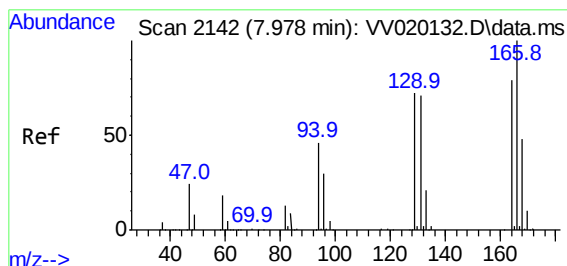
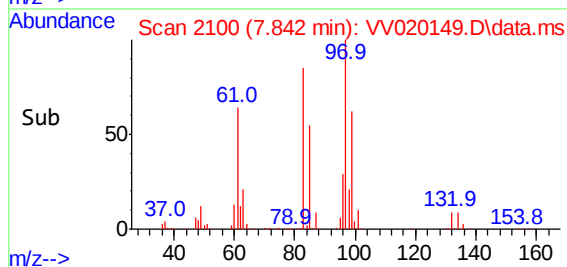
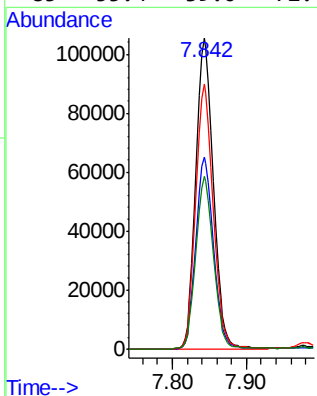
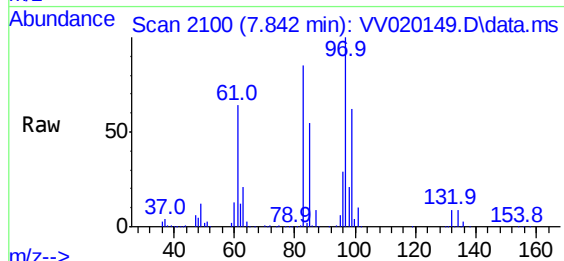


#45
1,1,2-Trichloroethane
Concen: 53.98 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Tgt Ion: 97 Resp: 174812

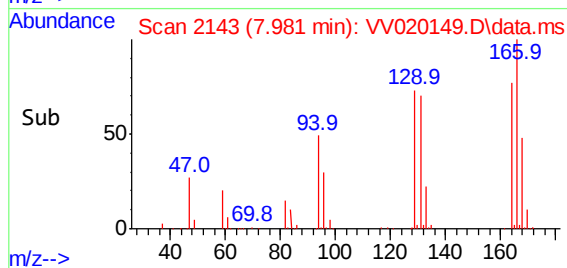
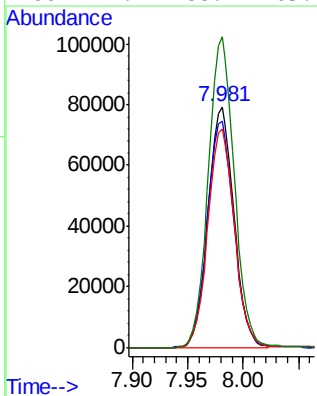
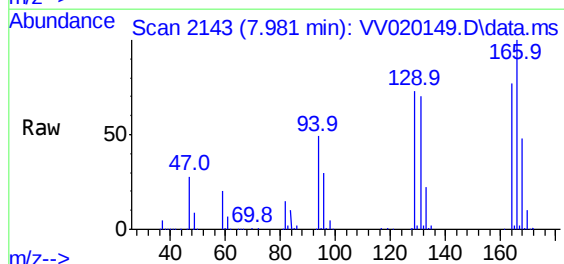
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	85.3	62.2	115.4
85	55.4	39.0	72.4

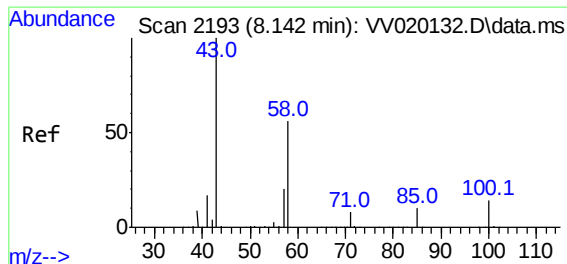


#46
Tetrachloroethene
Concen: 48.43 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 164 Resp: 128614

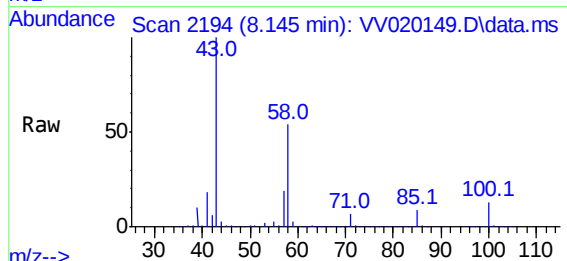
Ion	Ratio	Lower	Upper
164	100		
129	94.1	70.6	131.0
131	90.7	66.8	124.0
166	129.2	88.2	163.8





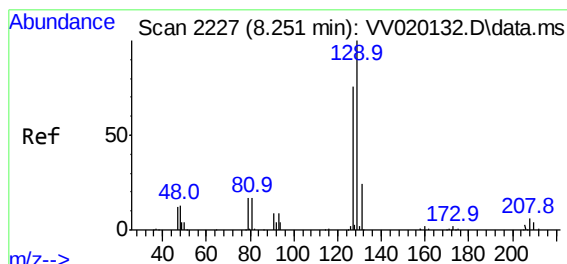
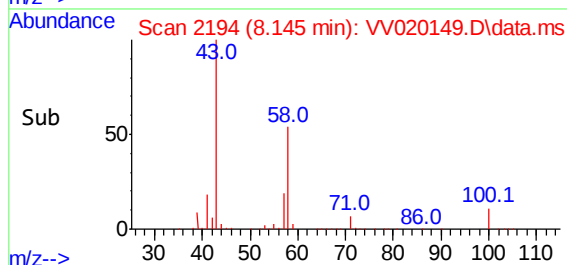
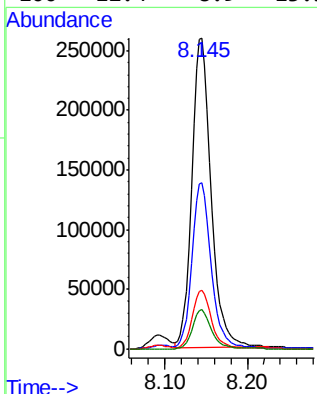
#48
2-Hexanone
Concen: 111.94 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080



Tgt Ion: 43 Resp: 427096

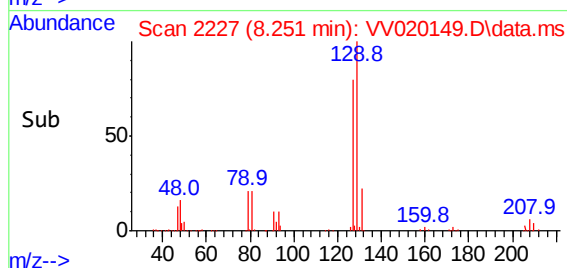
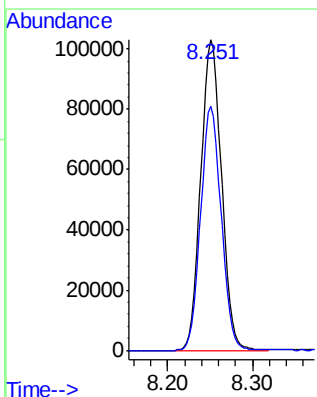
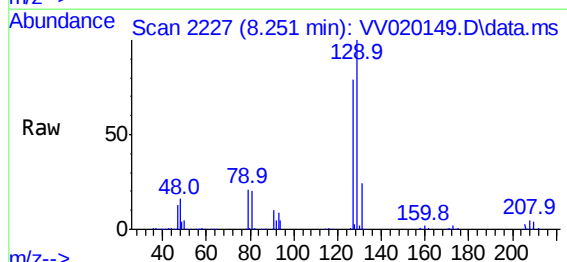
Ion	Ratio	Lower	Upper
43	100		
58	53.5	41.8	62.6
57	18.8	15.0	22.4
100	12.4	8.9	13.3

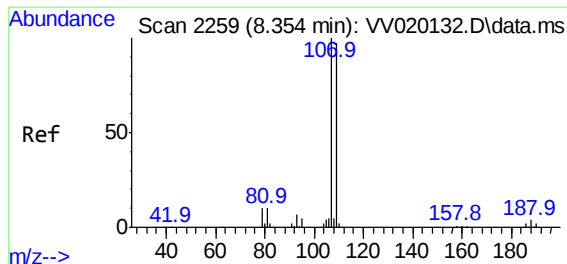


#49
Dibromochloromethane
Concen: 49.84 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 129 Resp: 174408

Ion	Ratio	Lower	Upper
129	100		
127	78.7	55.2	102.6

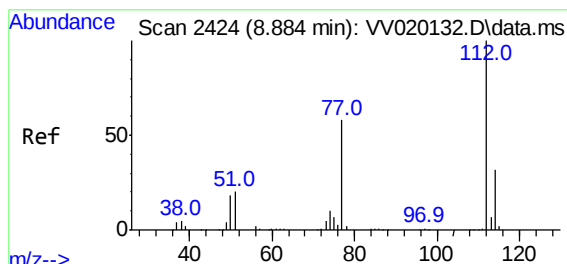
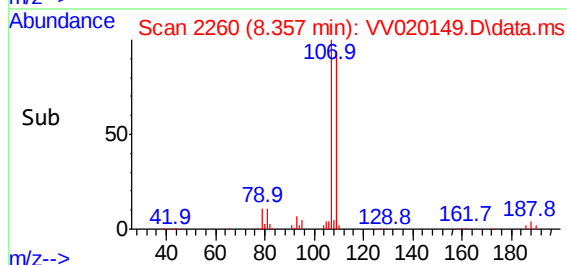
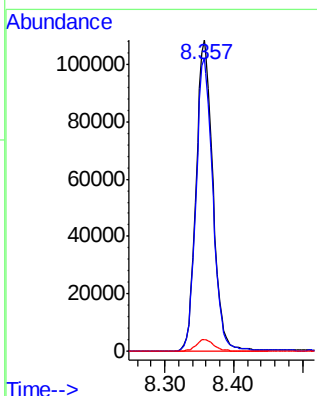
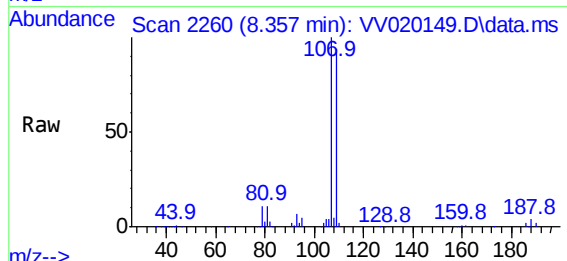




#50
1,2-Dibromoethane
Concen: 51.77 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

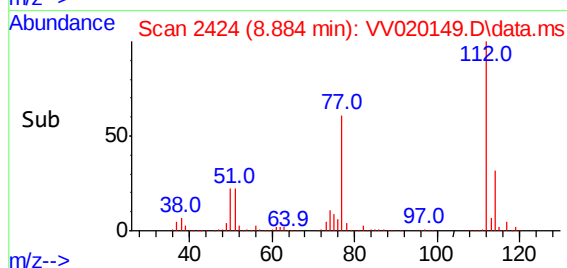
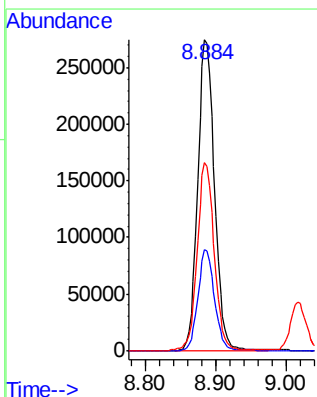
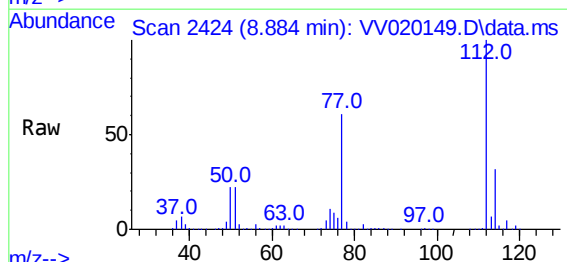
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

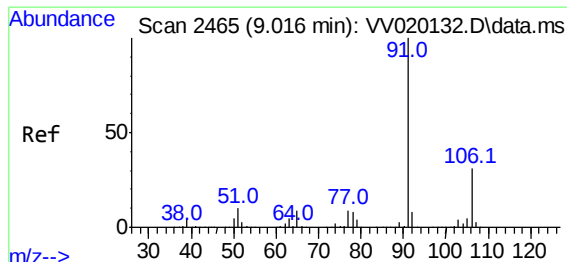
Tgt Ion:107 Resp: 183226
Ion Ratio Lower Upper
107 100
109 94.2 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 51.32 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:112 Resp: 450331
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 60.6 49.0 73.6

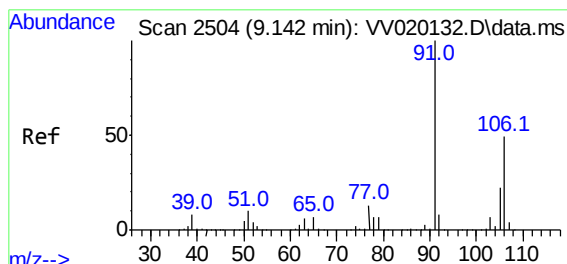
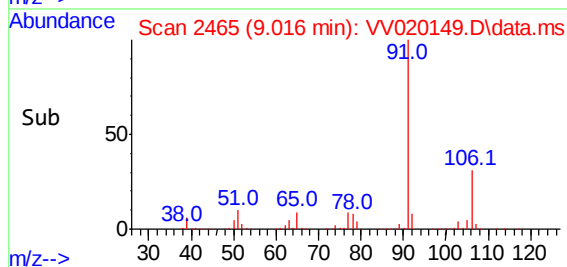
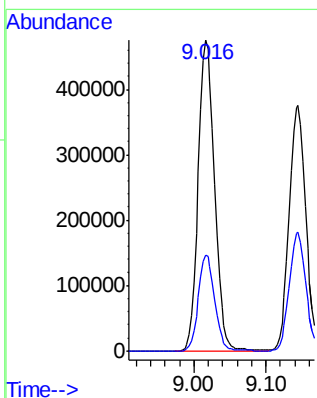
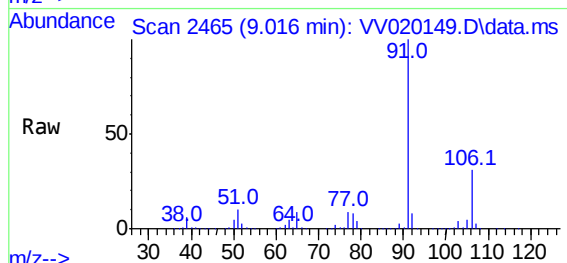




#52
Ethylbenzene
Concen: 50.95 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

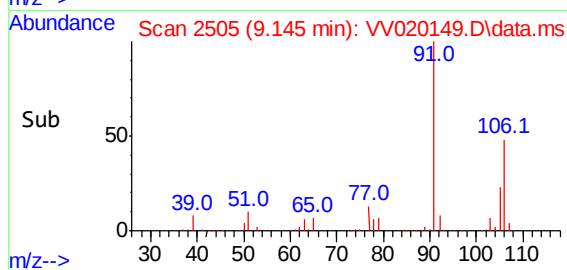
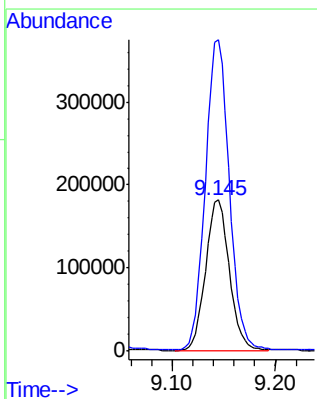
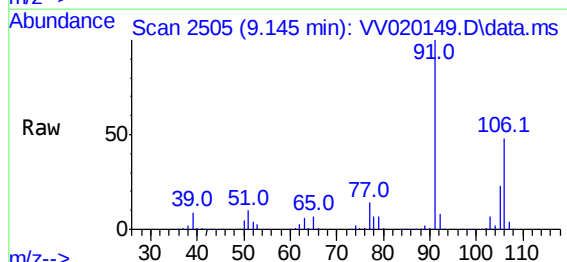
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

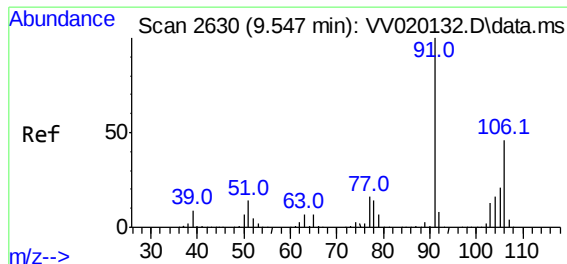
Tgt Ion: 91 Resp: 748890
Ion Ratio Lower Upper
91 100
106 30.9 21.0 39.0



#53
m,p-Xylene
Concen: 53.91 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 106 Resp: 288551
Ion Ratio Lower Upper
106 100
91 207.0 148.1 275.0

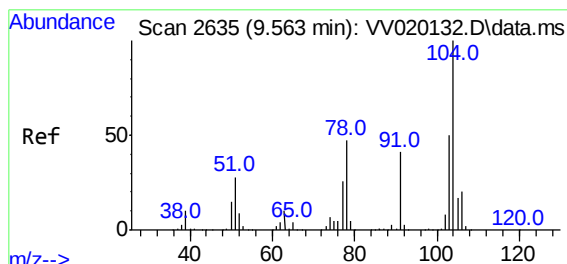
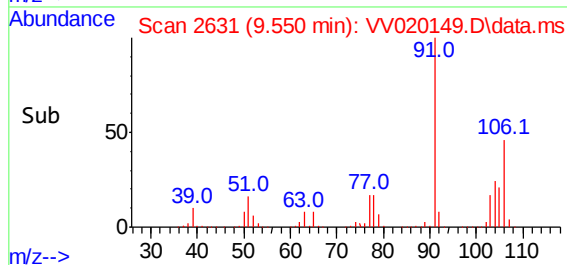
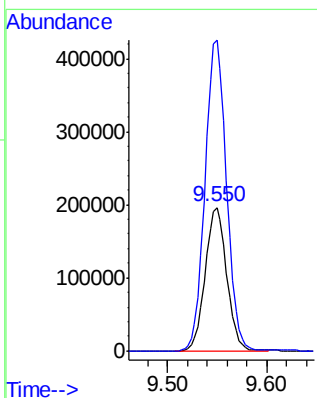
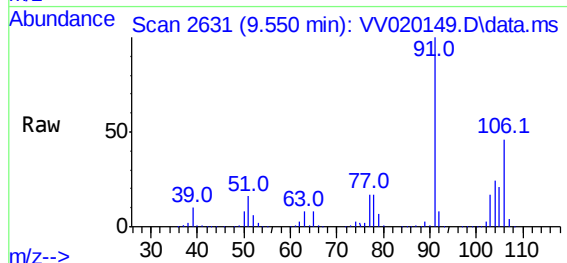




#54
o-xylene
Concen: 54.27 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

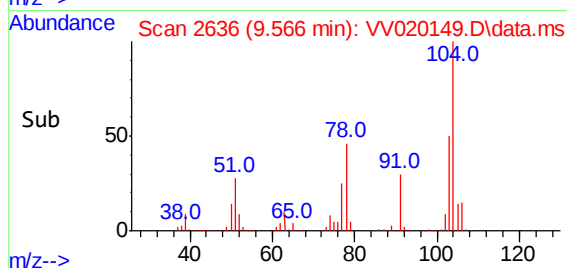
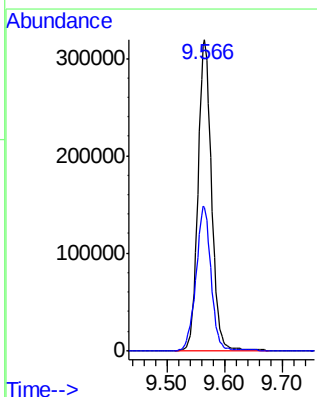
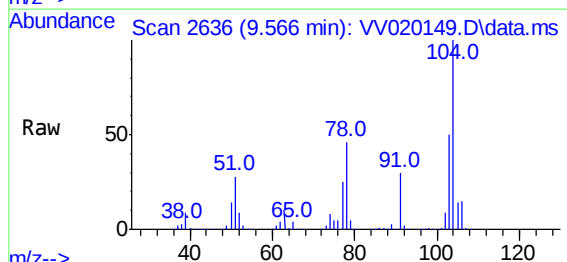
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

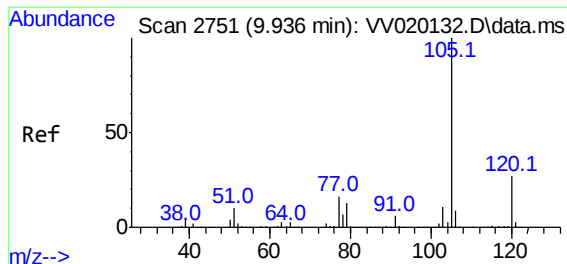
Tgt Ion:106 Resp: 292081
Ion Ratio Lower Upper
106 100
91 216.7 156.4 290.6



#55
Styrene
Concen: 55.04 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:104 Resp: 518331
Ion Ratio Lower Upper
104 100
78 46.0 33.7 62.5

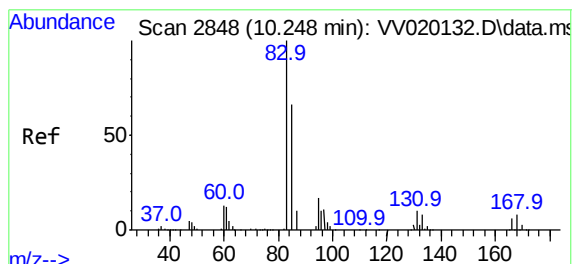
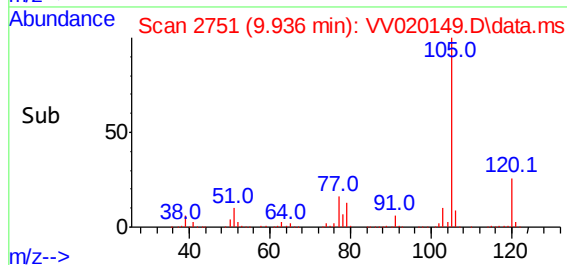
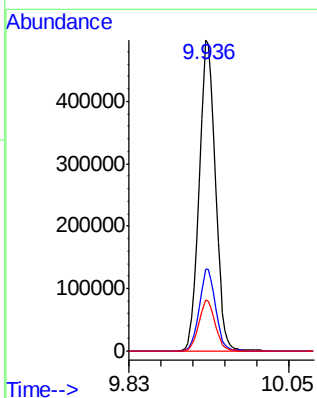
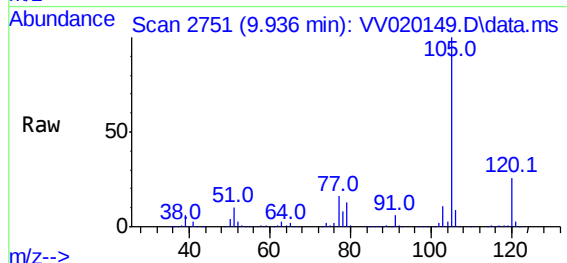




#56
Isopropylbenzene
Concen: 52.84 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

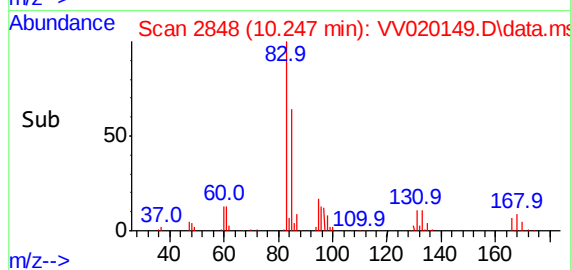
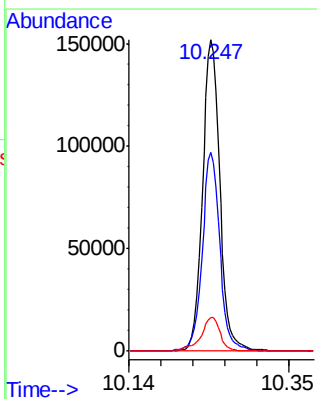
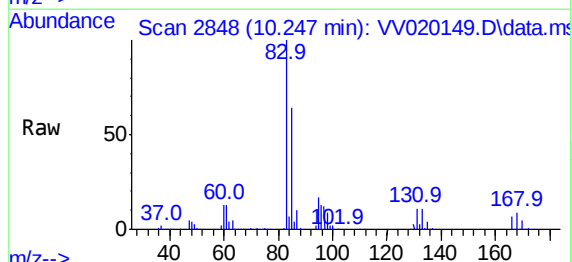
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

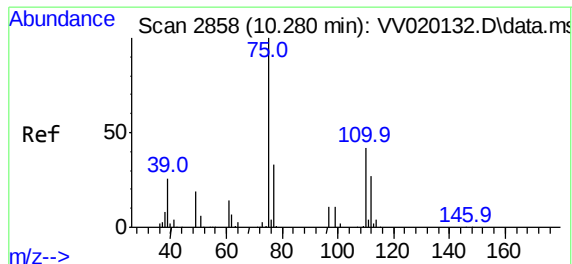
Tgt Ion:105 Resp: 759303
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 16.2 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 50.12 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 83 Resp: 244563
Ion Ratio Lower Upper
83 100
85 63.7 44.3 82.3
131 10.6 7.3 10.9

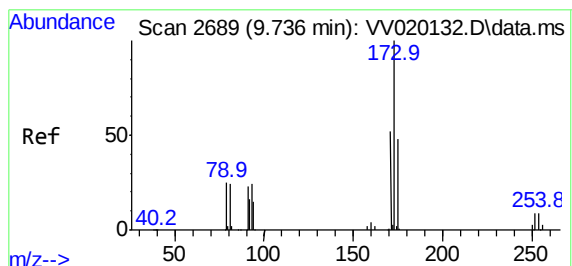
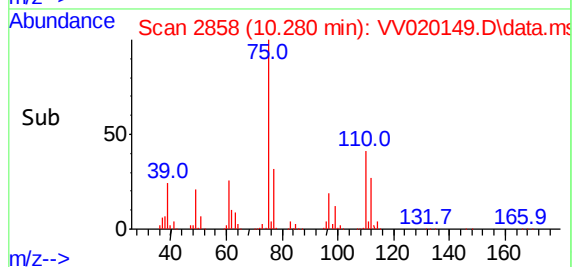
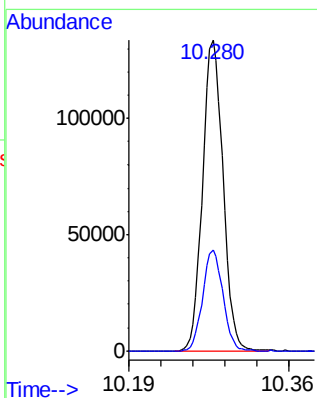
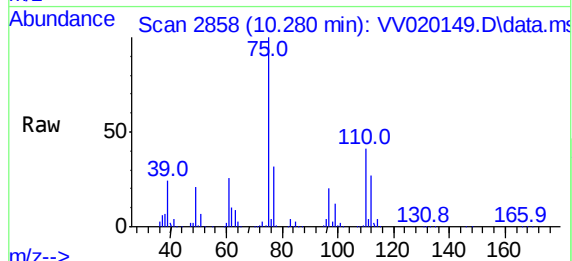




#59
1,2,3-Trichloropropane
Concen: 48.06 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

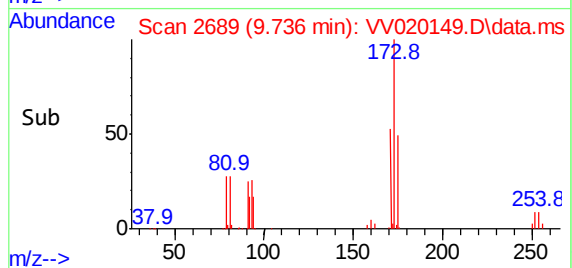
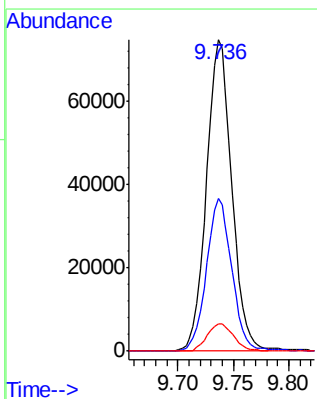
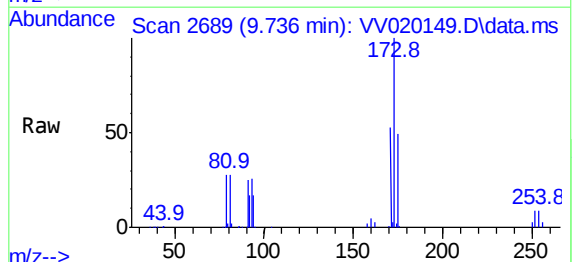
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

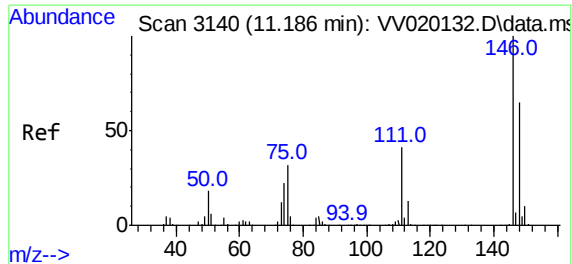
Tgt Ion: 75 Resp: 208743
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#61
Bromoform
Concen: 49.07 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:173 Resp: 117366
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 8.8 6.5 9.7

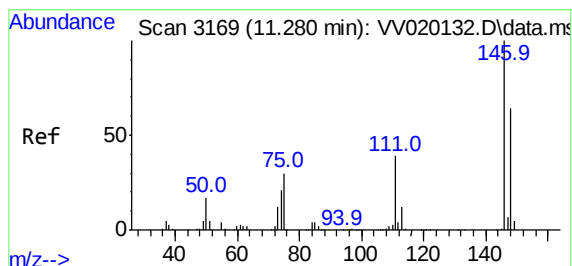
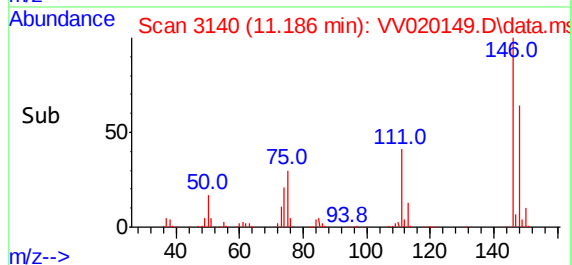
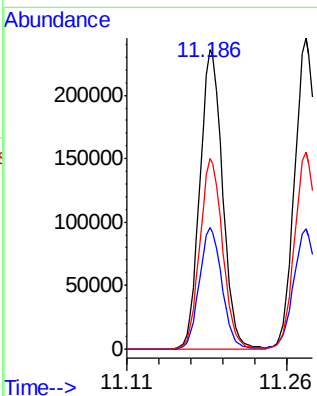
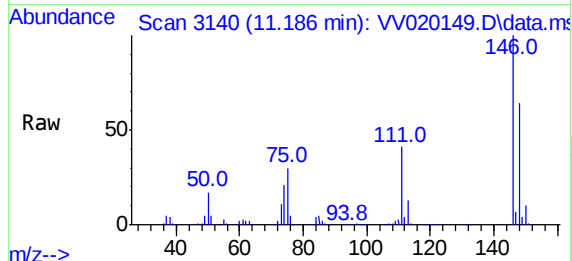




#62
1,3-Dichlorobenzene
Concen: 49.95 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

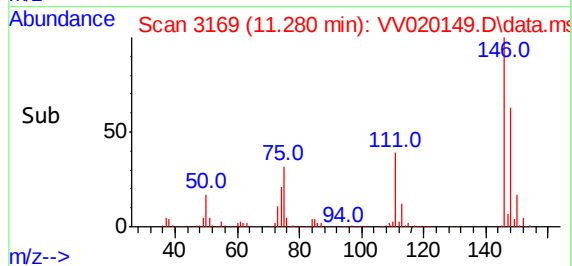
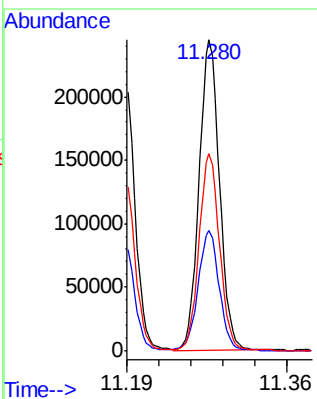
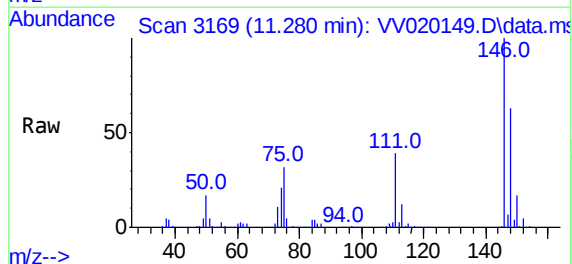
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

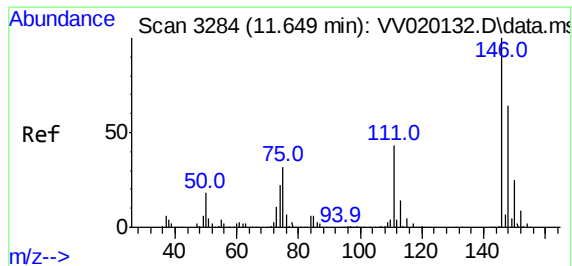
Tgt Ion:146 Resp: 357576
Ion Ratio Lower Upper
146 100
111 40.7 30.2 56.2
148 63.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.82 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:146 Resp: 371636
Ion Ratio Lower Upper
146 100
111 38.6 29.4 54.6
148 63.2 44.7 83.1

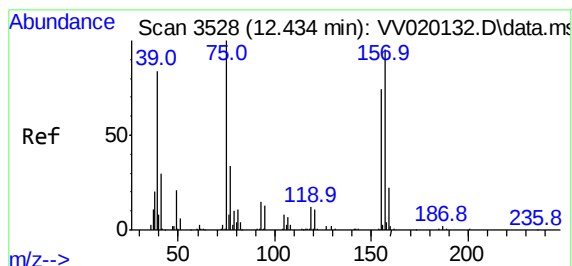
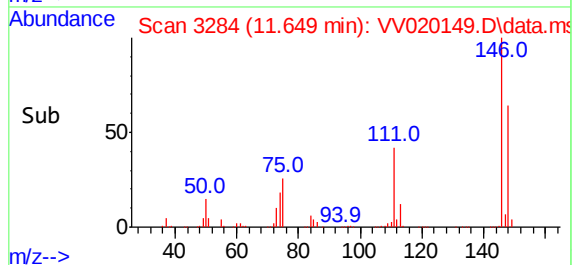
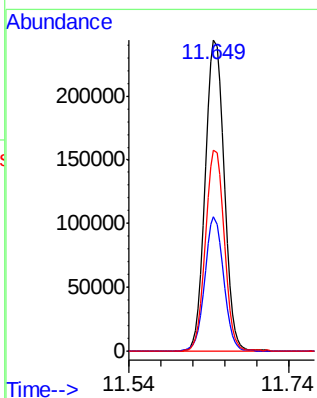
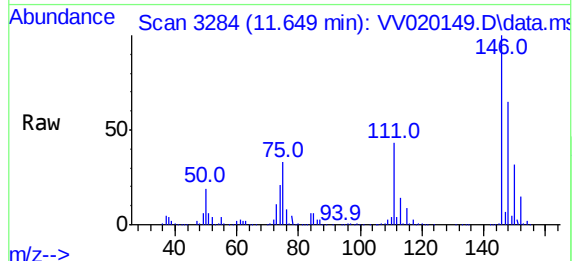




#65
1,2-Dichlorobenzene
Concen: 52.61 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

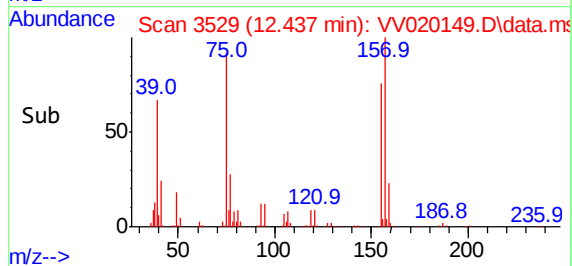
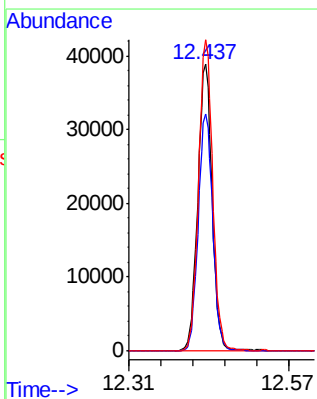
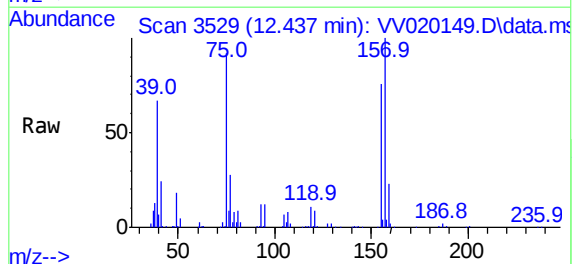
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

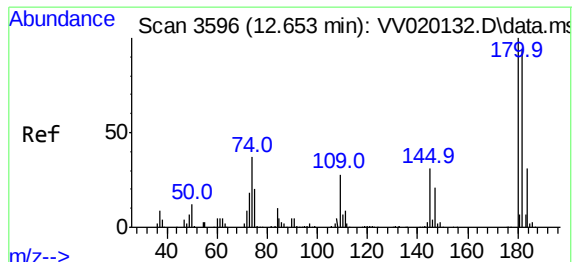
Tgt Ion:146 Resp: 381602
Ion Ratio Lower Upper
146 100
111 43.1 36.3 54.5
148 64.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.25 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion: 75 Resp: 60411
Ion Ratio Lower Upper
75 100
155 82.7 59.1 88.7
157 108.6 75.4 113.0

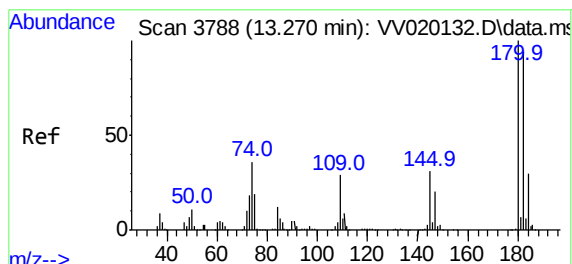
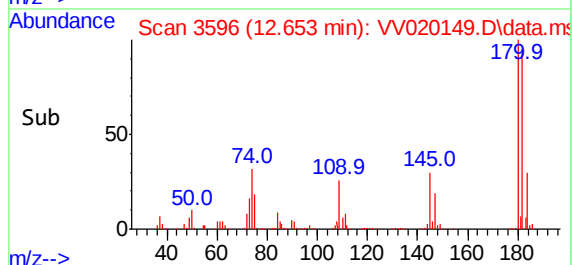
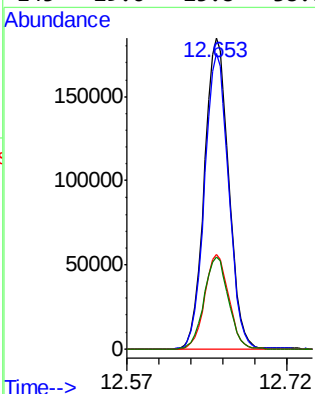
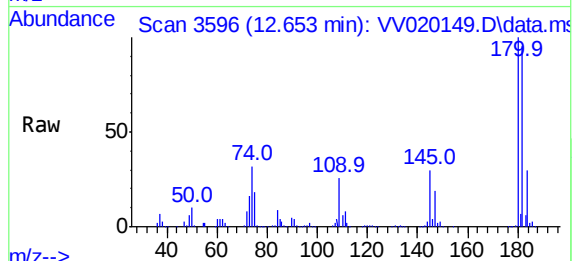




#67
1,3,5-Trichlorobenzene
Concen: 50.33 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

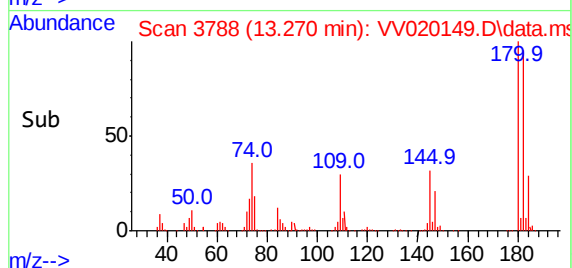
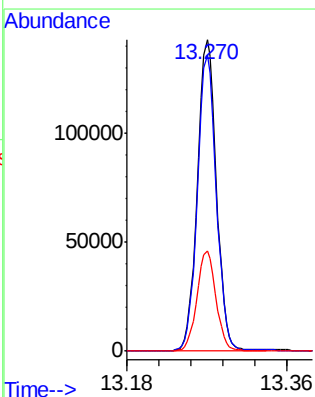
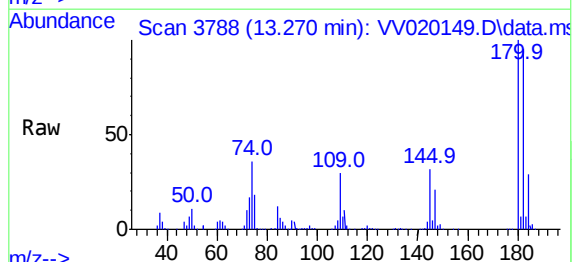
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

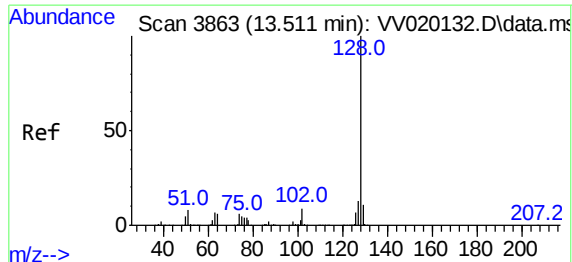
Tgt Ion:180 Resp: 279157
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
184 29.8 24.0 36.0
145 29.6 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 43.70 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:180 Resp: 214058
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 31.8 26.8 40.2

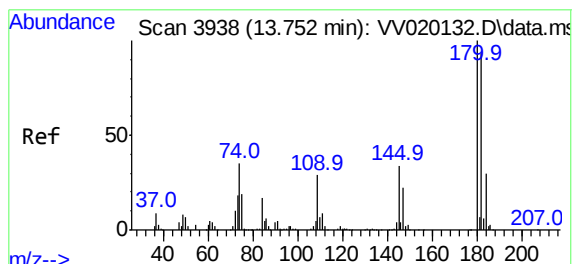
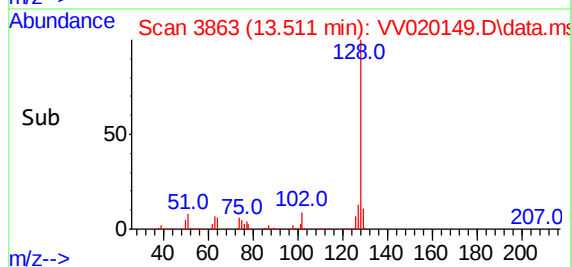
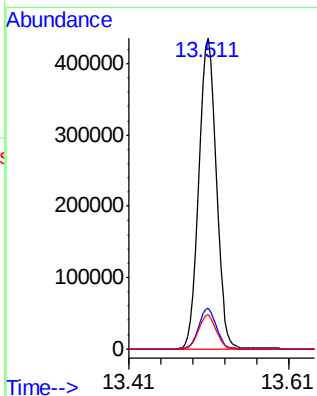
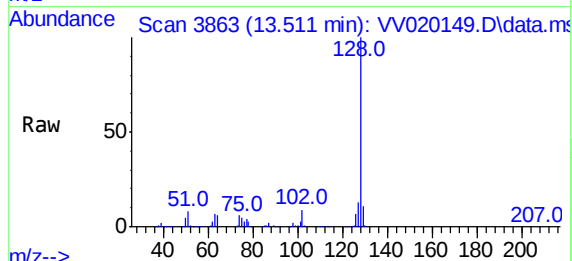




#69
Naphthalene
Concen: 47.18 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Tgt Ion:128 Resp: 670438
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 44.85 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020149.D
Acq: 22 Jan 2021 20:34

Tgt Ion:180 Resp: 215979
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 34.5 27.9 41.9

