

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019966.D
 Acq On : 11 Jan 2021 14:41
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Jan 12 06:40:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	414145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	400535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	214215	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	173734	49.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.46%
7) Chloroethane-d5	1.569	69	142551	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.24%
11) 1,1-Dichloroethene-d2	2.109	63	343867	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
21) 2-Butanone-d5	3.897	46	251235	110.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.86%
24) Chloroform-d	4.354	84	322903	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	5.035	65	221694	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.055	84	579960	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.074	67	183434	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.318	98	530102	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%
43) trans-1,3-Dichloroprop...	7.624	79	97311	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
47) 2-Hexanone-d5	8.093	63	163223	115.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.35%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	254984	53.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.88%
64) 1,2-Dichlorobenzene-d4	11.633	152	213196	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	200035	49.99	ug/L 99
3) Chloromethane	1.241	50	193174	50.37	ug/L 100
5) Vinyl chloride	1.312	62	196853	50.72	ug/L 100
6) Bromomethane	1.524	94	125343	51.78	ug/L 99
8) Chloroethane	1.585	64	121976	51.06	ug/L 100
9) Trichlorofluoromethane	1.753	101	277581	50.91	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	149652	49.41	ug/L 95
12) 1,1-Dichloroethene	2.119	96	143922	49.27	ug/L 98
13) Acetone	2.190	43	180306	90.05	ug/L 99
14) Carbon disulfide	2.296	76	435769	50.22	ug/L 99
15) Methyl Acetate	2.437	43	178879	52.65	ug/L 99
16) Methylene chloride	2.511	84	159732	51.46	ug/L 98
17) trans-1,2-Dichloroethene	2.762	96	151459	51.74	ug/L 98
18) Methyl tert-butyl Ether	2.772	73	503868	52.85	ug/L 97
19) 1,1-Dichloroethane	3.193	63	290819	51.95	ug/L 99
20) cis-1,2-Dichloroethene	3.916	96	162856	52.10	ug/L 98
22) 2-Butanone	3.981	43	259582	107.60	ug/L 98
23) Bromochloromethane	4.251	128	85755	52.49	ug/L 90
25) Chloroform	4.379	83	304234	51.70	ug/L 100
27) 1,2-Dichloroethane	5.135	62	262506	53.39	ug/L 100

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 ALS Vial : 1 Sample Multiplier: 1

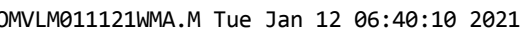
Instrument :
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 ClientSampleId :
 VSTD05062

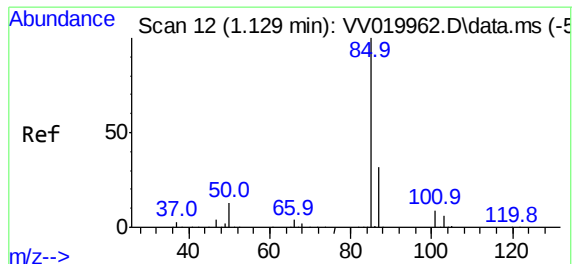
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.685	56	240385	50.76	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	272486	51.72	ug/L	99
31) Carbon tetrachloride	4.833	117	227287	50.59	ug/L	99
33) Benzene	5.103	78	617222	53.08	ug/L	100
34) Trichloroethene	5.920	95	166035	49.83	ug/L	97
35) Methylcyclohexane	6.135	83	241878	50.80	ug/L	98
37) 1,2-Dichloropropane	6.177	63	161100	53.41	ug/L	98
38) Bromodichloromethane	6.514	83	226394	51.97	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	252046	53.37	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	506513	109.30	ug/L	99
42) Toluene	7.392	91	649839	52.48	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	258604	53.98	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	157090	52.99	ug/L	97
46) Tetrachloroethene	7.981	164	119808	50.08	ug/L	98
48) 2-Hexanone	8.145	43	402393	110.38	ug/L	99
49) Dibromochloromethane	8.251	129	174732	53.37	ug/L	98
50) 1,2-Dibromoethane	8.357	107	170857	53.72	ug/L	98
51) Chlorobenzene	8.887	112	421353	51.38	ug/L	99
52) Ethylbenzene	9.016	91	726217	51.65	ug/L	100
53) m,p-Xylene	9.145	106	266431	51.88	ug/L	99
54) o-xylene	9.550	106	261363	51.69	ug/L	97
55) Styrene	9.566	104	467330	53.46	ug/L	100
56) Isopropylbenzene	9.936	105	712798	52.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	249288	53.71	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	217492	53.03	ug/L	100
61) Bromoform	9.736	173	116903	53.60	ug/L	100
62) 1,3-Dichlorobenzene	11.186	146	332974	51.80	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	340784	51.66	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	339772	52.47	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	62571	55.55	ug/L	93
67) 1,3,5-Trichlorobenzene	12.652	180	252659	52.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	234004	54.83	ug/L	98
69) Naphthalene	13.511	128	729017	59.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	226620	54.70	ug/L	99

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

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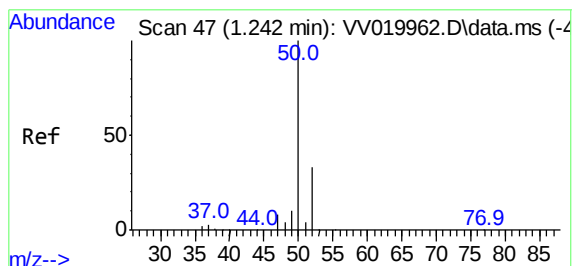
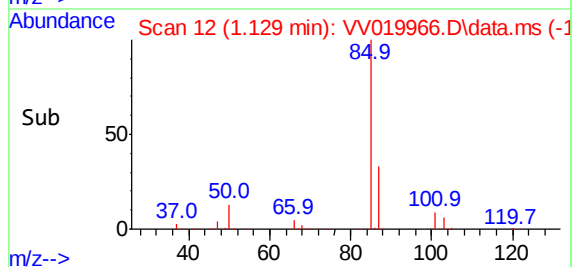
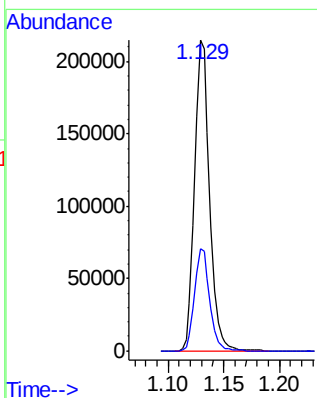
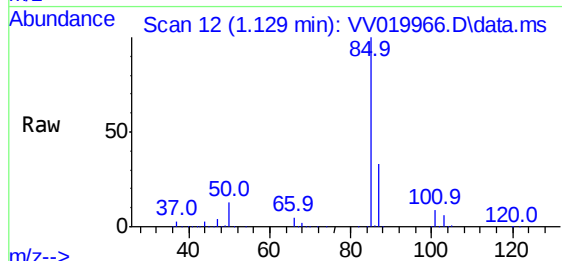




#2
Dichlorodifluoromethane
Concen: 49.99 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

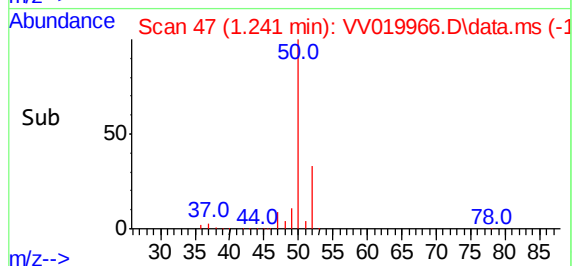
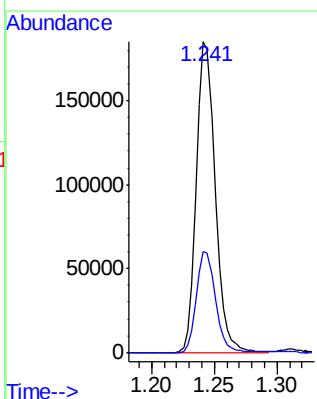
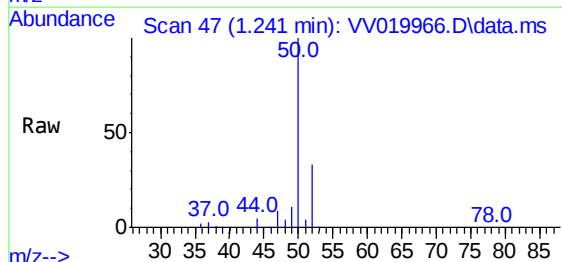
Instrument :
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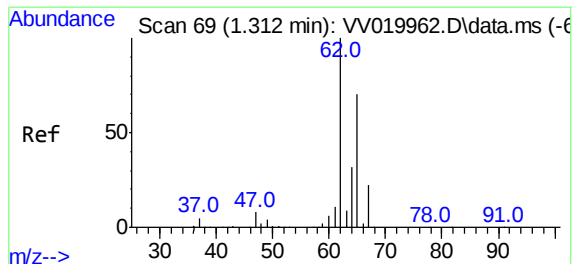
Tgt Ion: 85 Resp: 200035
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9



#3
Chloromethane
Concen: 50.37 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 50 Resp: 193174
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1

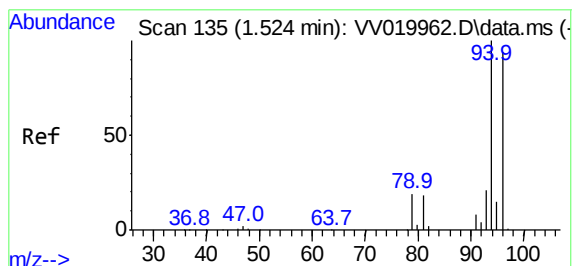
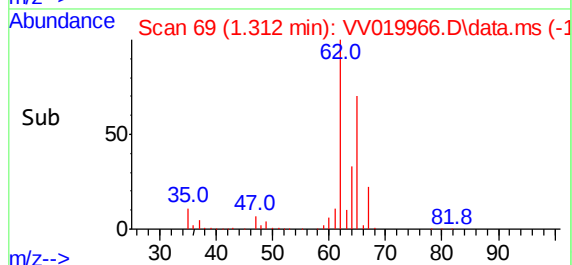
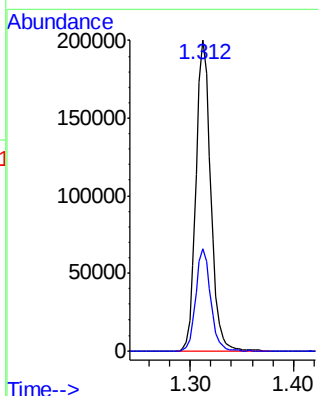
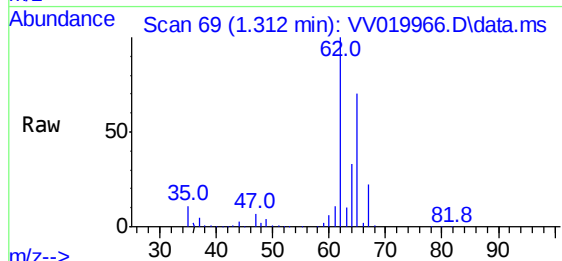




#5
 Vinyl chloride
 Concen: 50.72 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV019966.D
 Acq: 11 Jan 2021 14:41

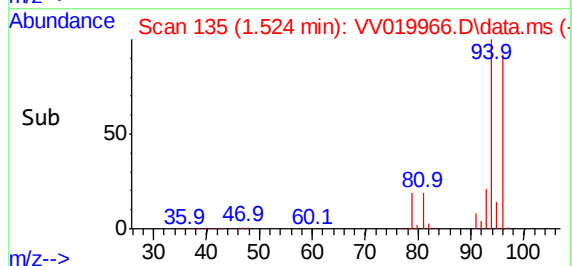
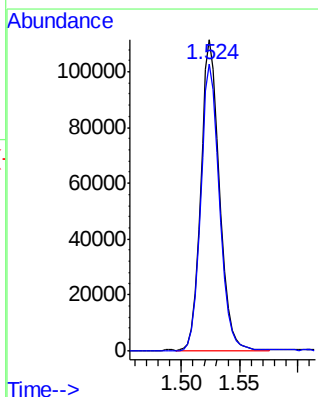
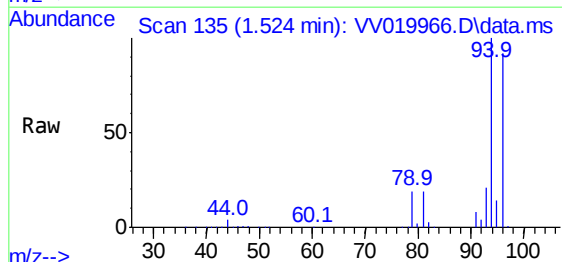
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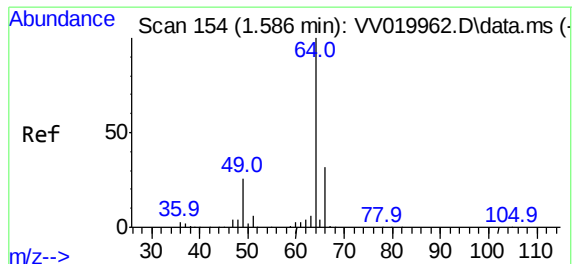
Tgt Ion: 62 Resp: 196853
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 51.78 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV019966.D
 Acq: 11 Jan 2021 14:41

Tgt Ion: 94 Resp: 125343
 Ion Ratio Lower Upper
 94 100
 96 92.2 63.6 118.2

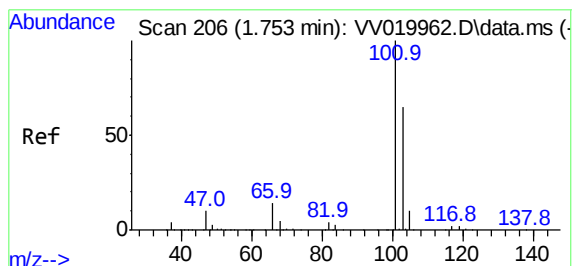
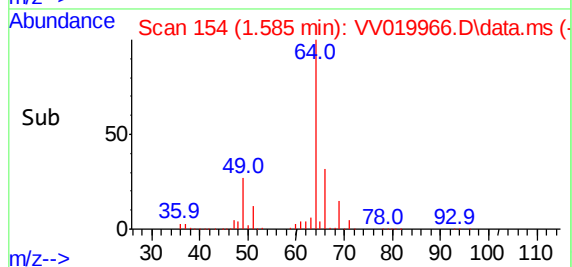
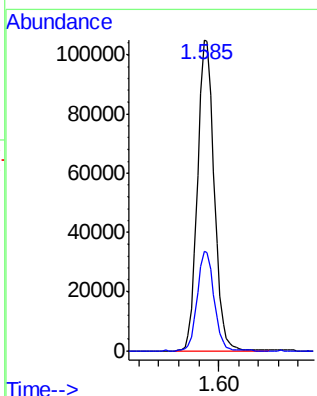
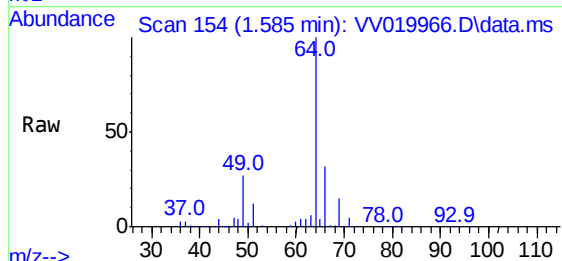




#8
Chloroethane
Concen: 51.06 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

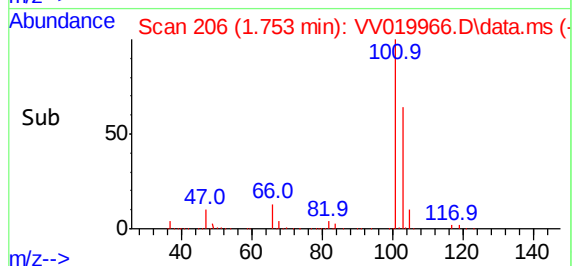
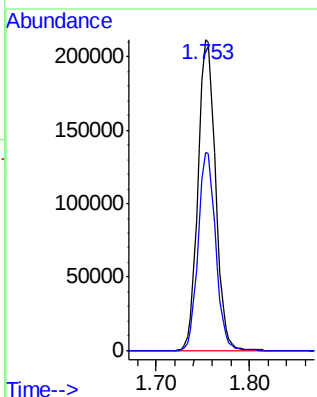
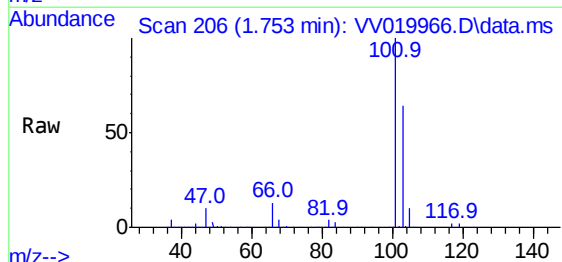
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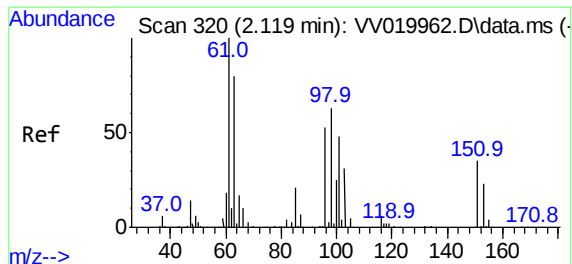
Tgt Ion: 64 Resp: 121976
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.91 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:101 Resp: 277581
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

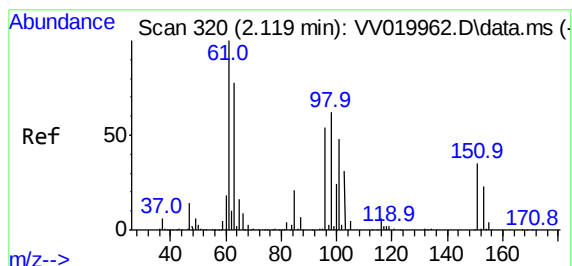
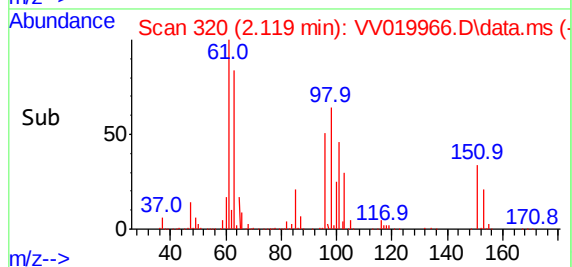
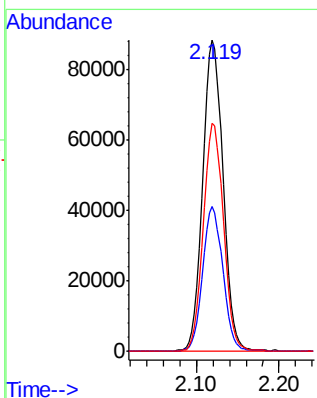
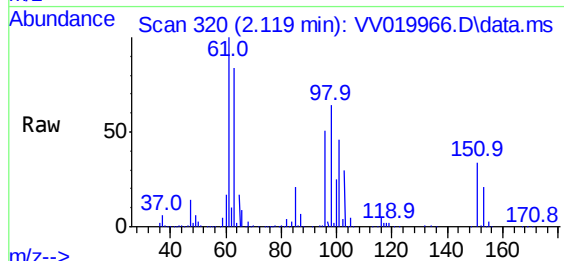




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.41 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV019966.D
 Acq: 11 Jan 2021 14:41

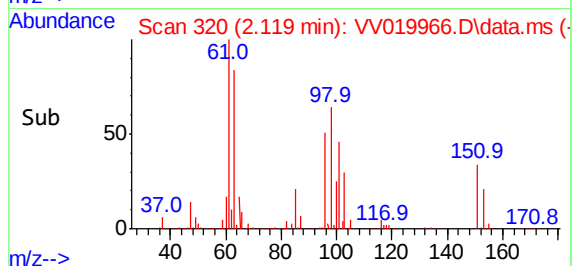
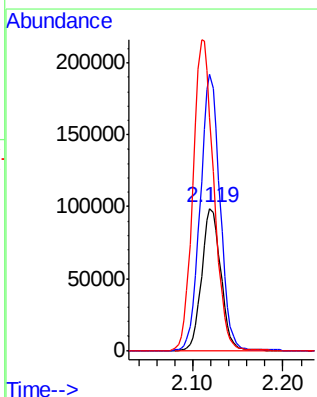
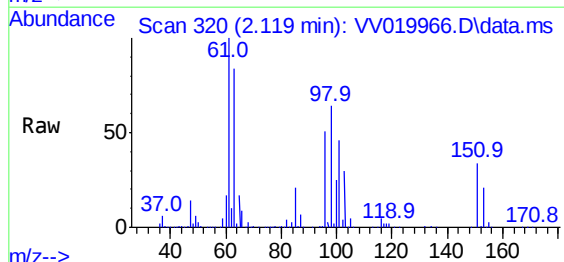
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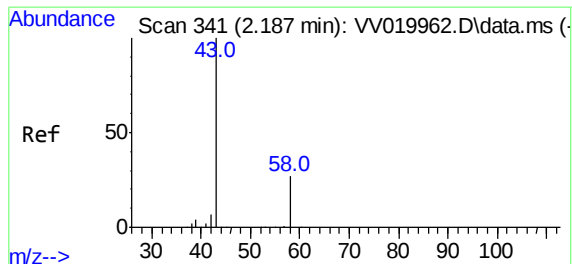
Tgt Ion:101 Resp: 149652
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.3 52.9
 151 72.6 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 49.27 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV019966.D
 Acq: 11 Jan 2021 14:41

Tgt Ion: 96 Resp: 143922
 Ion Ratio Lower Upper
 96 100
 61 194.9 134.9 250.5
 63 163.6 117.6 218.4

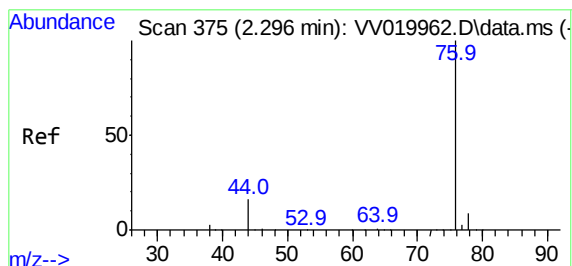
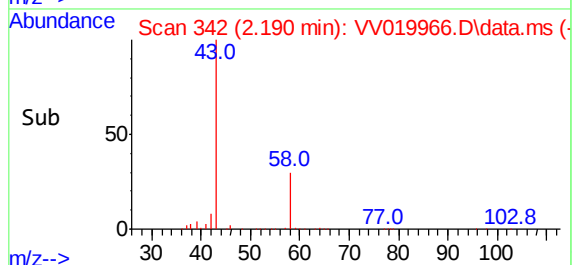
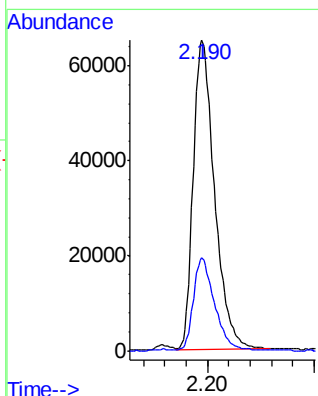
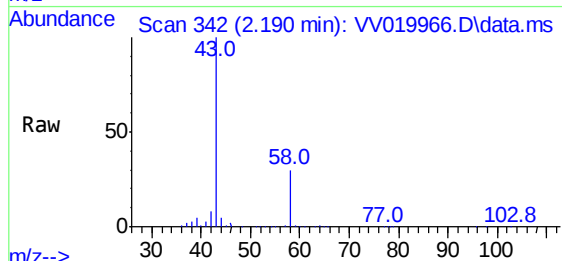




#13
Acetone
Concen: 90.05 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.003 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

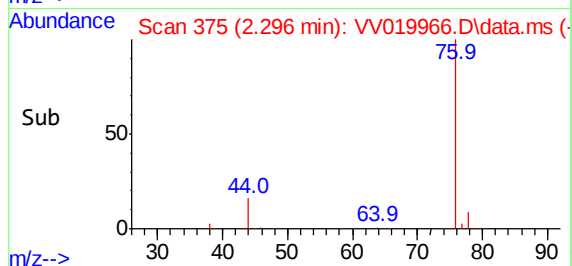
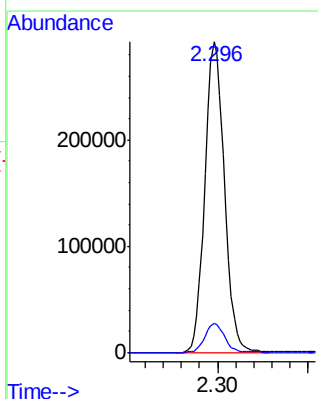
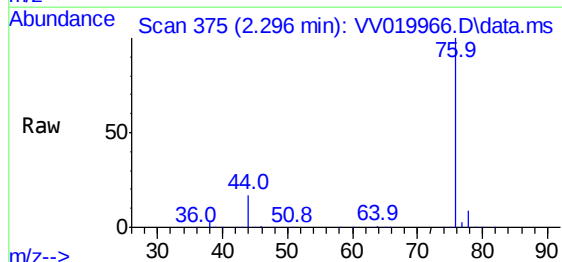
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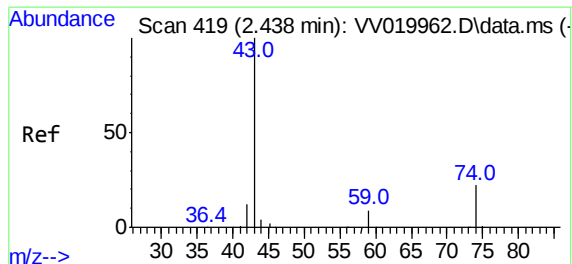
Tgt Ion: 43 Resp: 180306
Ion Ratio Lower Upper
43 100
58 29.6 0.0 60.2



#14
Carbon disulfide
Concen: 50.22 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 76 Resp: 435769
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

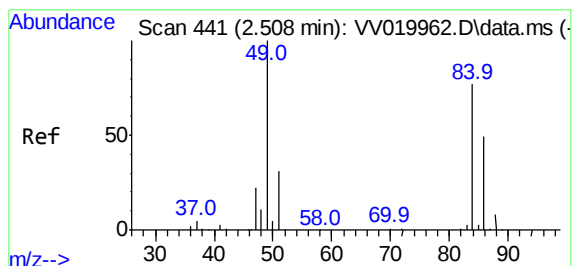
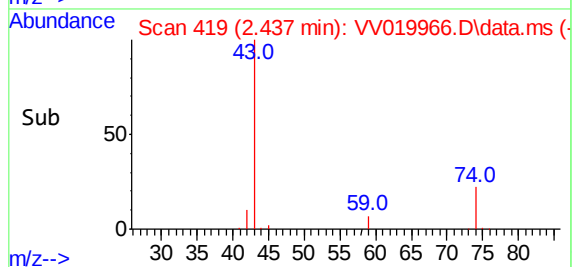
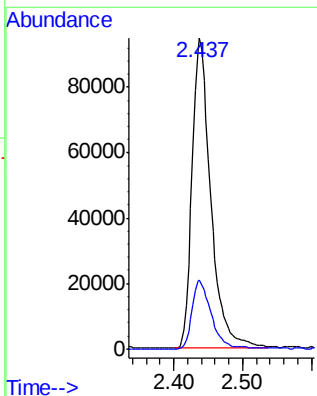
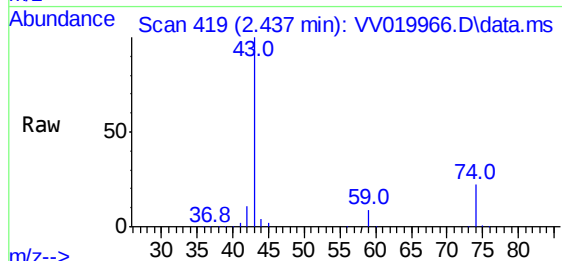




#15
Methyl Acetate
Concen: 52.65 ug/L
RT: 2.437 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

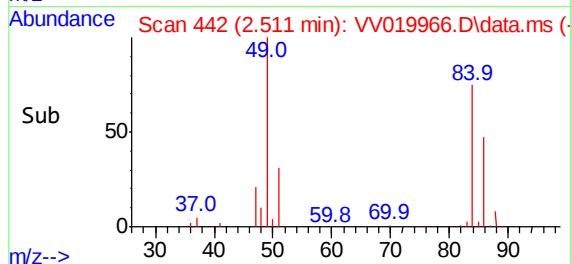
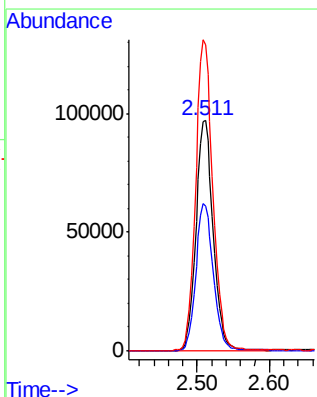
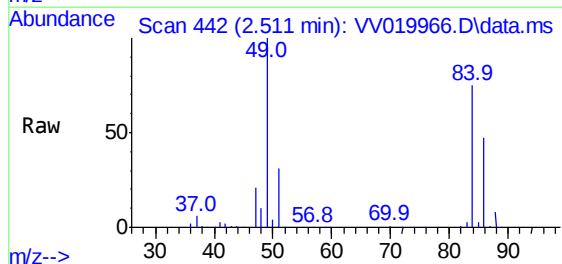
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

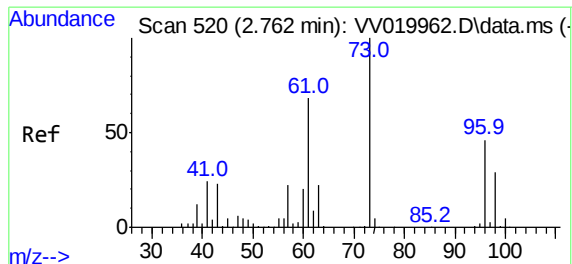
Tgt Ion: 43 Resp: 178879
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4



#16
Methylene chloride
Concen: 51.46 ug/L
RT: 2.511 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 84 Resp: 159732
Ion Ratio Lower Upper
84 100
86 62.9 44.6 82.8
49 133.0 94.6 175.8

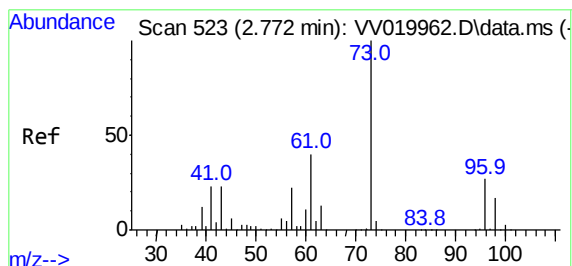
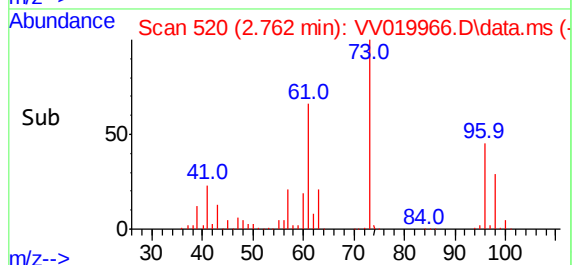
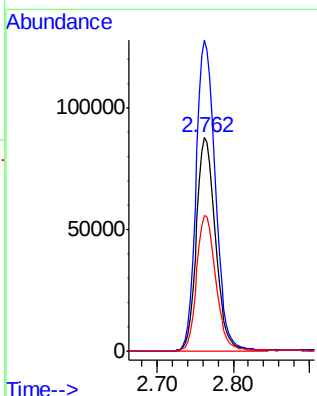
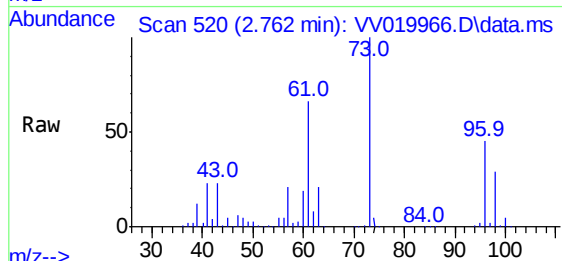




#17
trans-1,2-Dichloroethene
Concen: 51.74 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

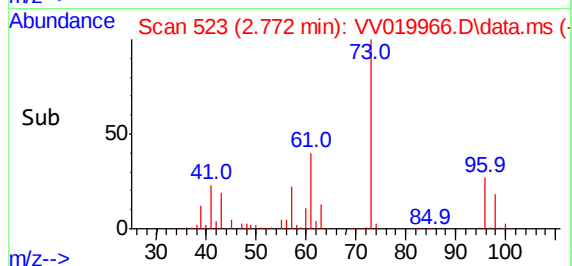
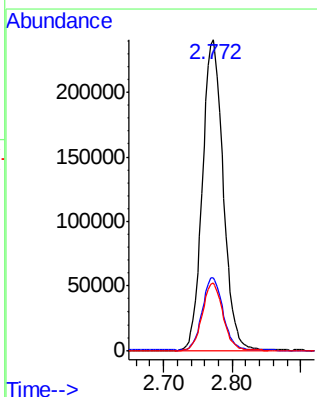
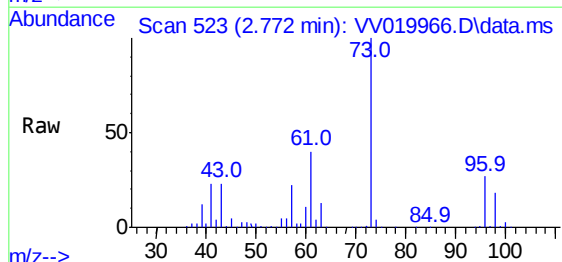
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

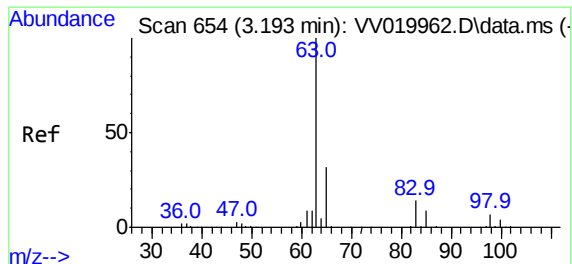
Tgt Ion: 96 Resp: 151459
Ion Ratio Lower Upper
96 100
61 146.0 103.1 191.5
98 63.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 52.85 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 73 Resp: 503868
Ion Ratio Lower Upper
73 100
43 23.1 17.3 25.9
57 21.4 17.9 26.9

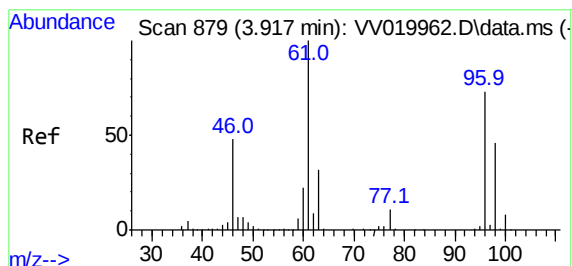
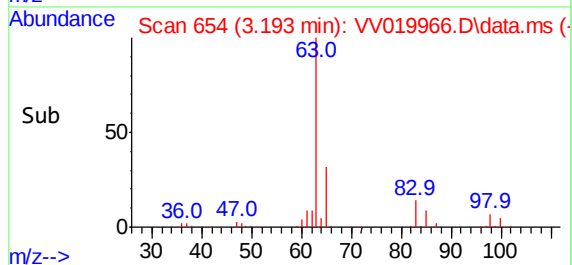
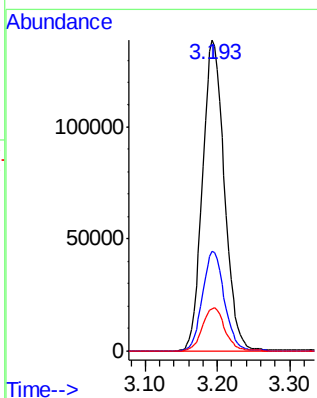
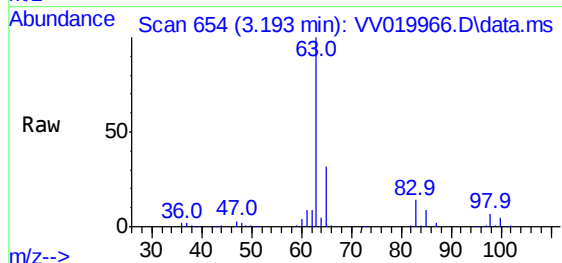




#19
1,1-Dichloroethane
Concen: 51.95 ug/L
RT: 3.193 min Scan# 654
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

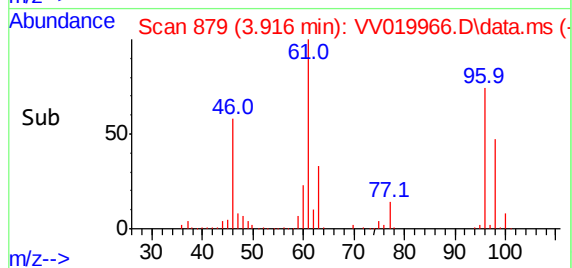
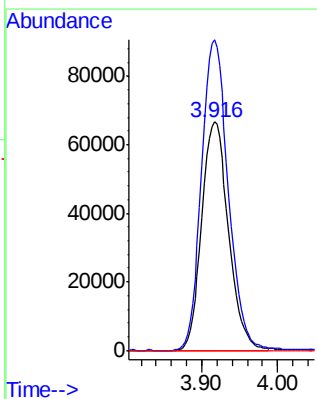
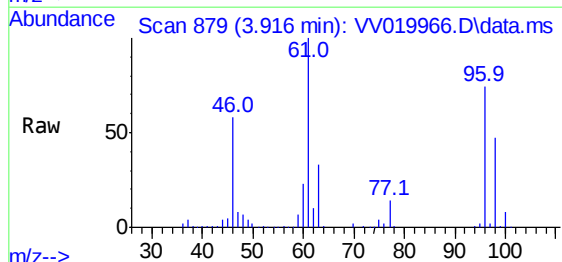
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

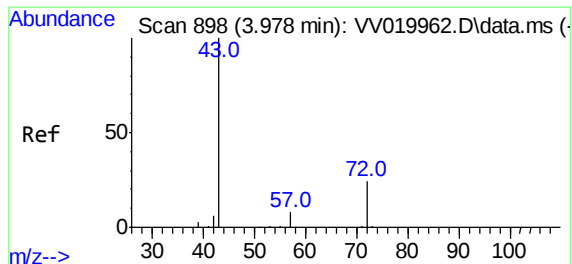
Tgt Ion: 63 Resp: 290819
Ion Ratio Lower Upper
63 100
65 31.9 21.9 40.7
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.10 ug/L
RT: 3.916 min Scan# 879
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 96 Resp: 162856
Ion Ratio Lower Upper
96 100
61 135.9 96.9 179.9
68 0.0 0.0 0.0

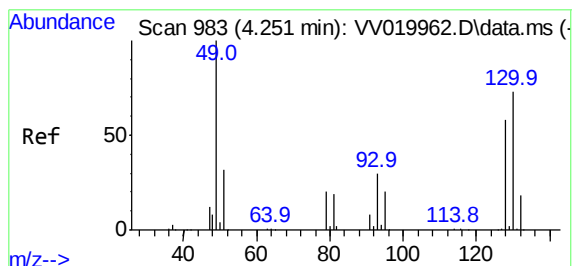
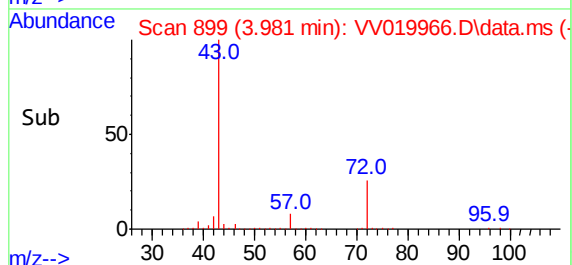
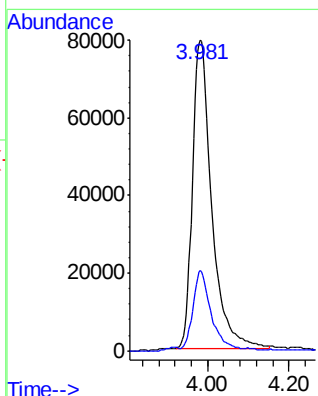
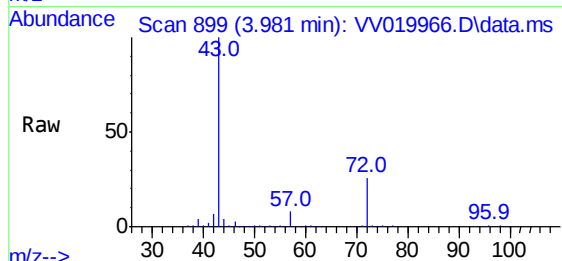




#22
2-Butanone
Concen: 107.60 ug/L
RT: 3.981 min Scan# 899
Delta R.T. 0.003 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

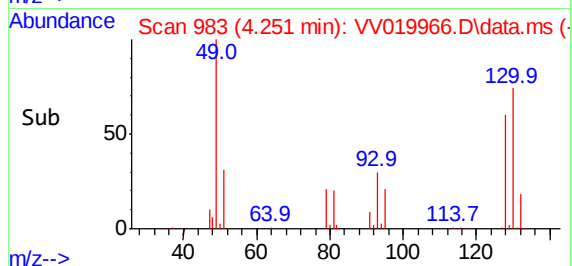
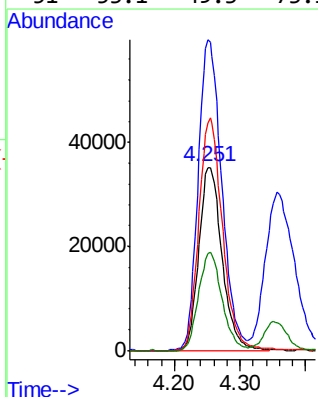
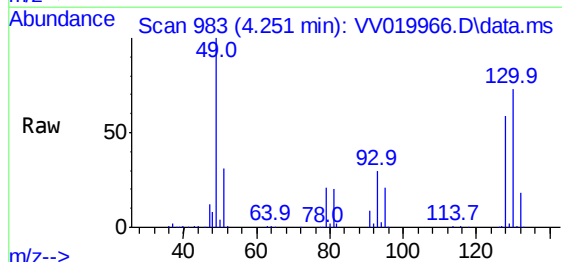
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

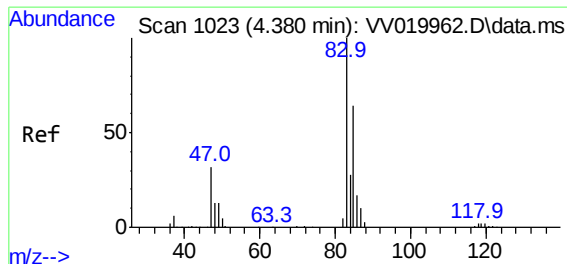
Tgt Ion: 43 Resp: 259582
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.6



#23
Bromochloromethane
Concen: 52.49 ug/L
RT: 4.251 min Scan# 983
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 128 Resp: 85755
Ion Ratio Lower Upper
128 100
49 169.6 133.1 247.1
130 124.3 89.0 165.4
51 53.1 49.3 73.9

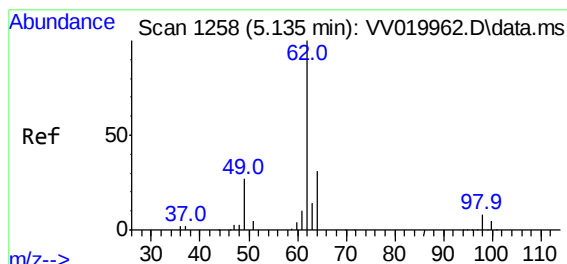
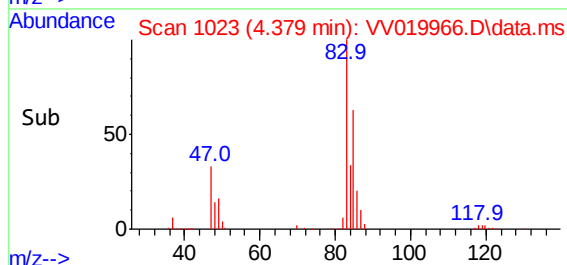
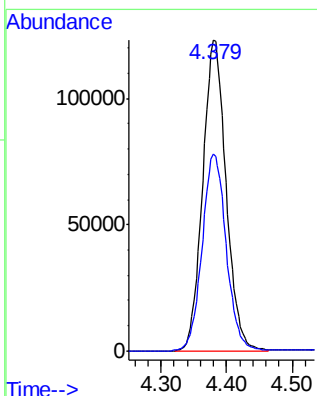
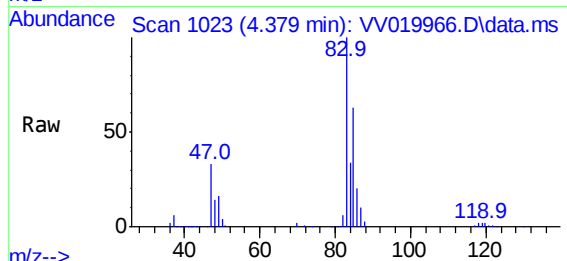




#25
Chloroform
Concen: 51.70 ug/L
RT: 4.379 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

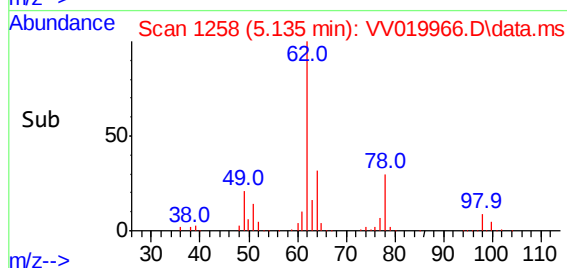
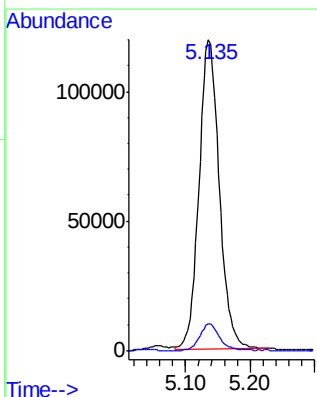
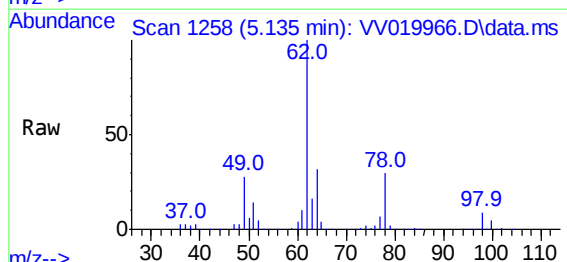
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

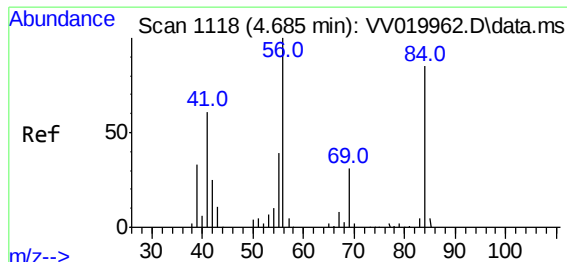
Tgt Ion: 83 Resp: 304234
Ion Ratio Lower Upper
83 100
85 63.4 44.2 82.2



#27
1,2-Dichloroethane
Concen: 53.39 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 62 Resp: 262506
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 50.76 ug/L

RT: 4.685 min Scan# 1118

Delta R.T. -0.000 min

Lab File: VV019966.D

Acq: 11 Jan 2021 14:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD05062

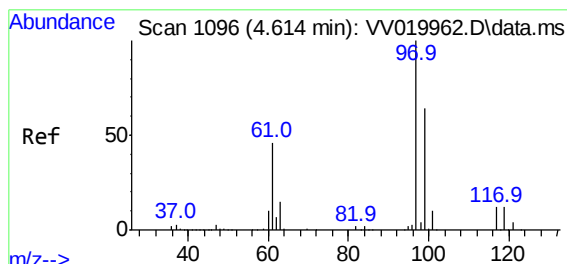
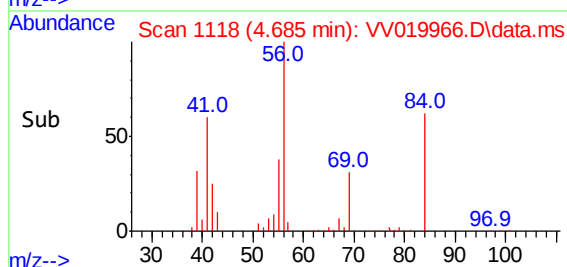
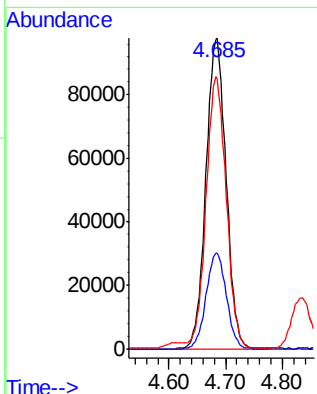
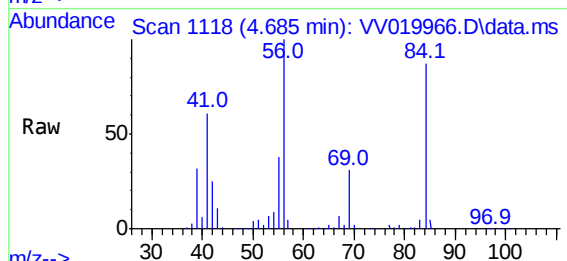
Tgt Ion: 56 Resp: 240385

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 87.1 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 51.72 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VV019966.D

Acq: 11 Jan 2021 14:41

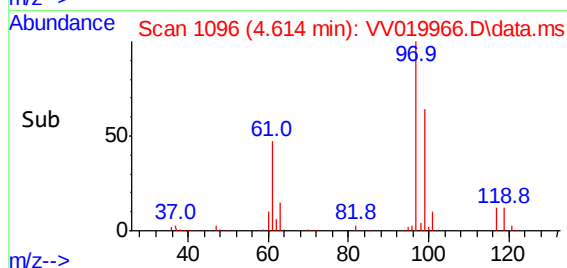
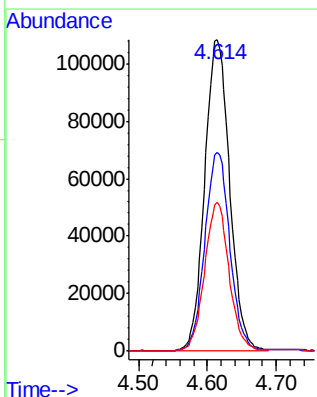
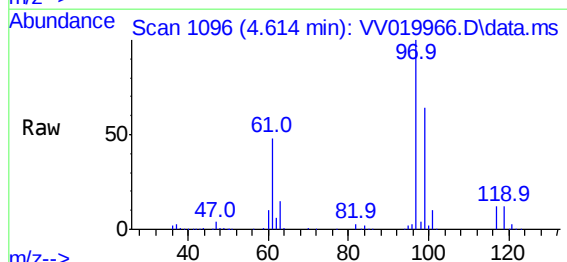
Tgt Ion: 97 Resp: 272486

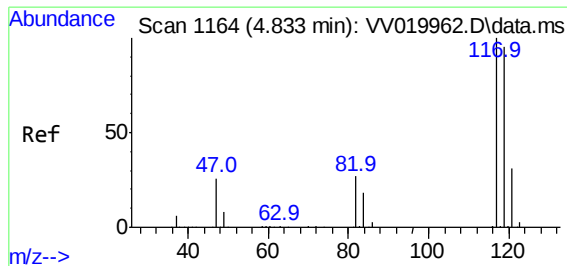
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 46.5 38.5 57.7

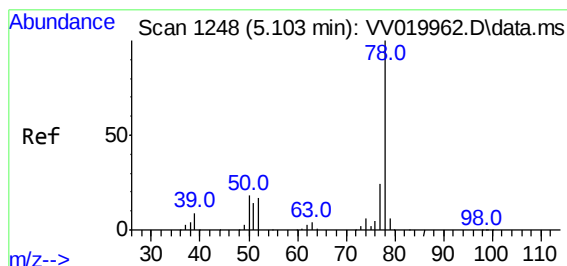
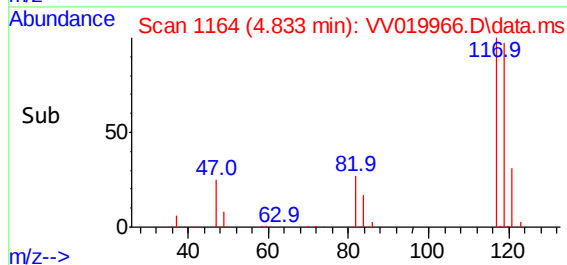
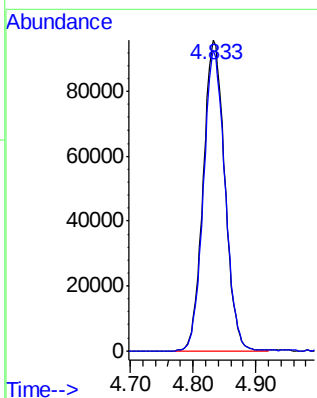
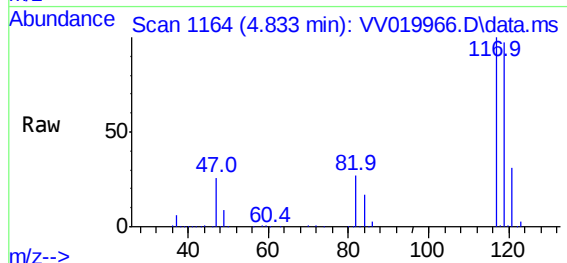




#31
Carbon tetrachloride
Concen: 50.59 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

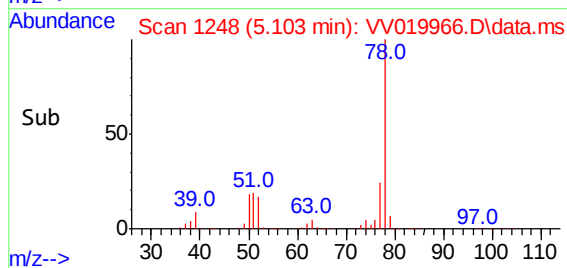
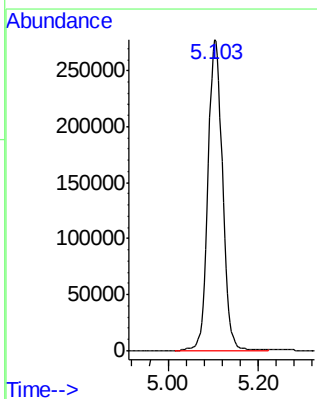
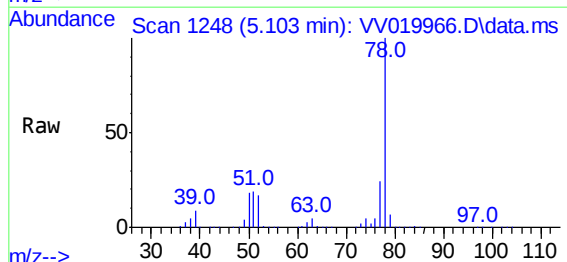
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

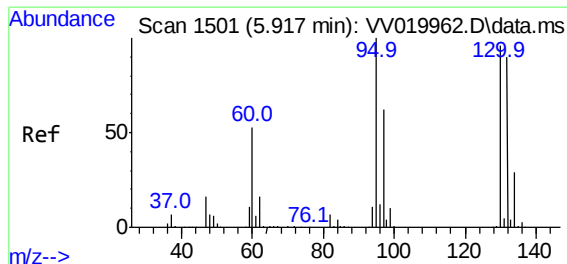
Tgt Ion:117 Resp: 227287
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5



#33
Benzene
Concen: 53.08 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 78 Resp: 617222



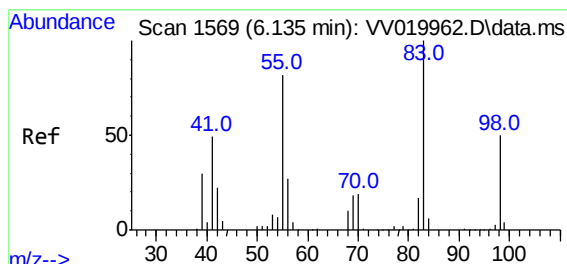
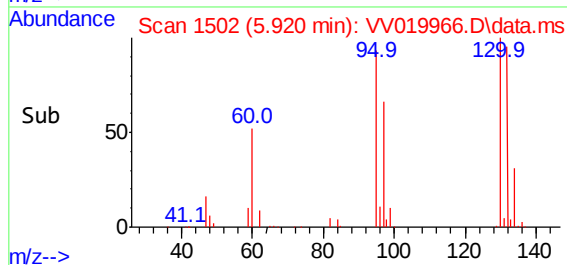
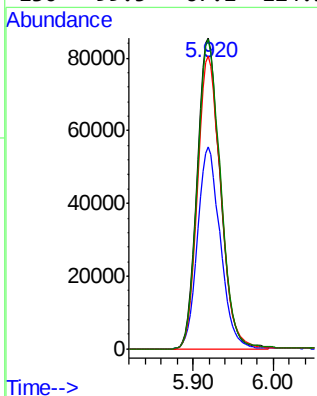
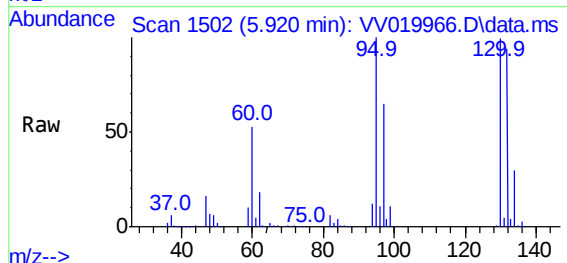


#34
Trichloroethene
Concen: 49.83 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 95 Resp: 166035

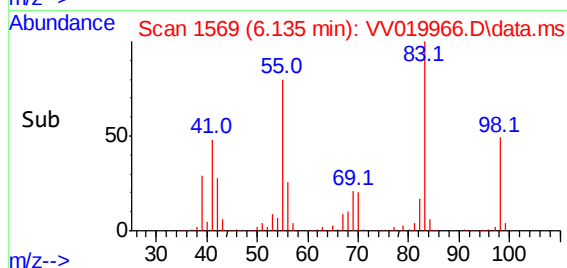
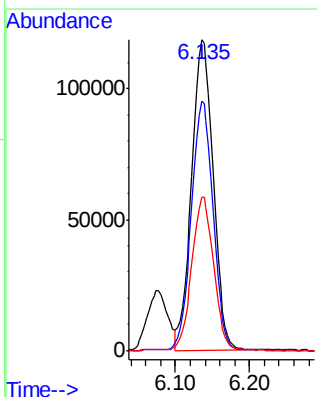
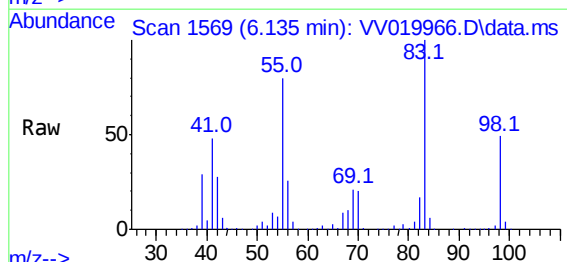
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.5	82.7
132	94.2	63.4	117.8
130	99.5	67.1	124.5

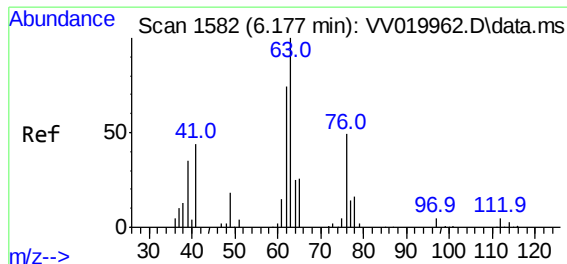


#35
Methylcyclohexane
Concen: 50.80 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 83 Resp: 241878

Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.1	97.7
98	49.6	38.2	57.2

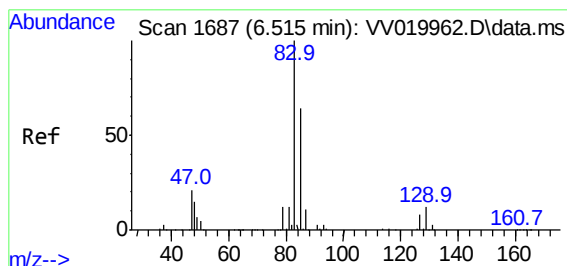
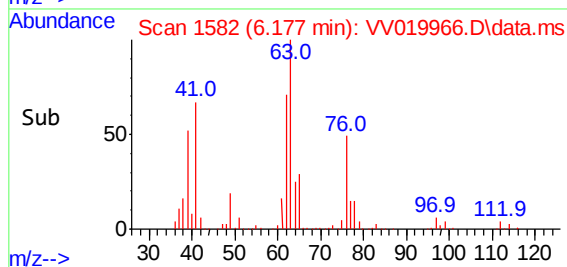
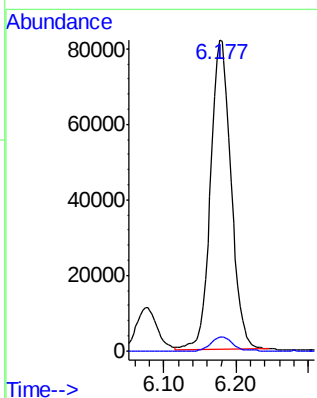
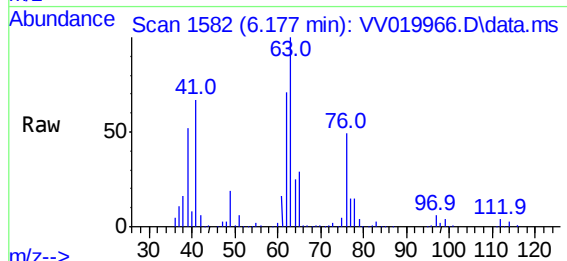




#37
1,2-Dichloropropane
Concen: 53.41 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

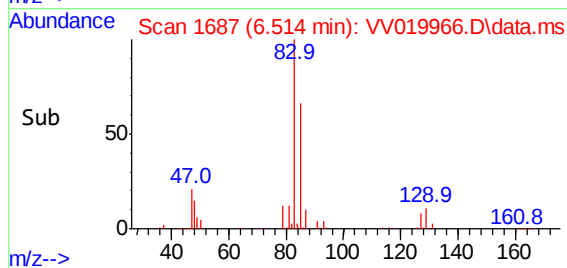
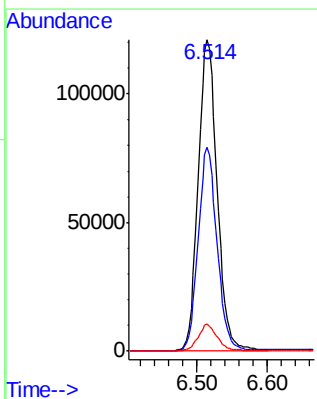
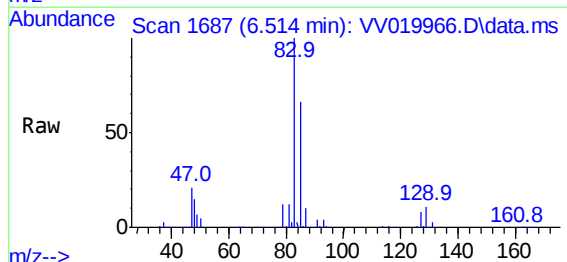
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

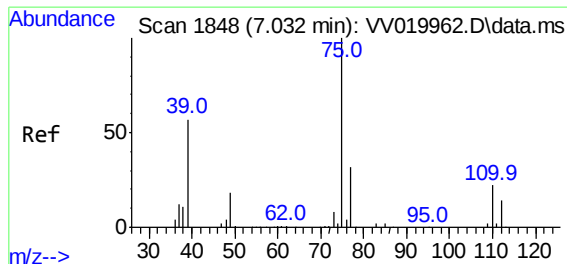
Tgt Ion: 63 Resp: 161100
Ion Ratio Lower Upper
63 100
112 4.6 3.3 4.9



#38
Bromodichloromethane
Concen: 51.97 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 83 Resp: 226394
Ion Ratio Lower Upper
83 100
85 65.5 44.5 82.7
127 8.4 6.3 9.5

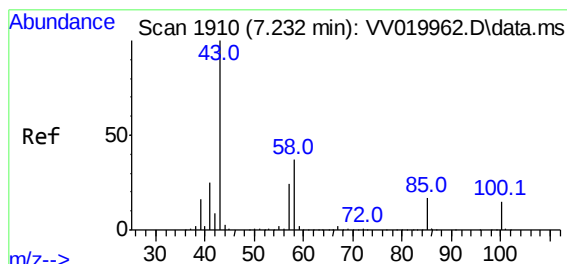
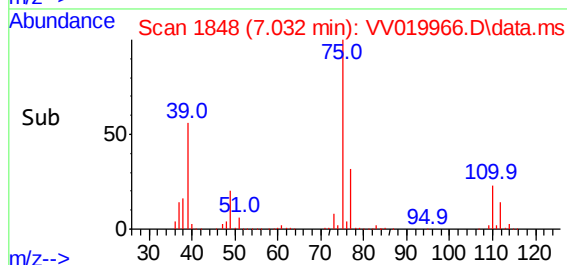
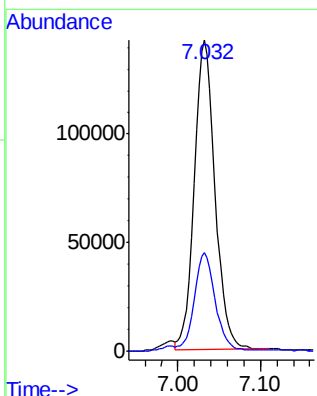
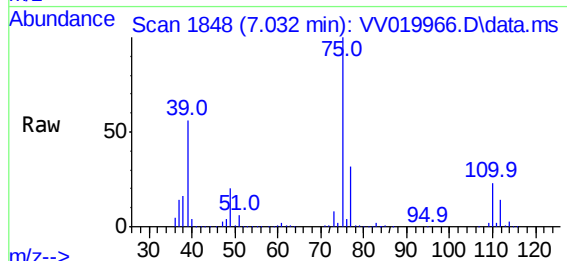




#39
cis-1,3-Dichloropropene
Concen: 53.37 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

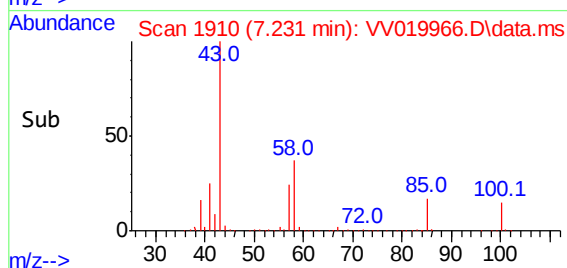
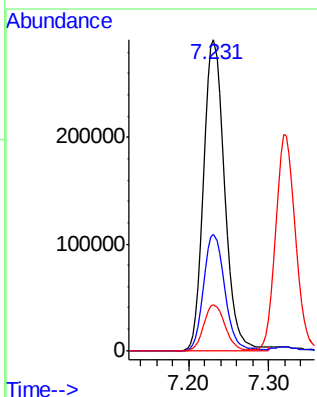
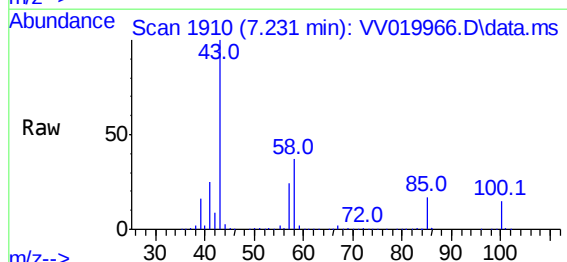
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

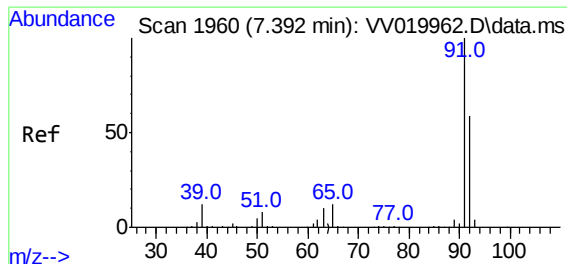
Tgt Ion: 75 Resp: 252046
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 109.30 ug/L
RT: 7.231 min Scan# 1910
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 43 Resp: 506513
Ion Ratio Lower Upper
43 100
58 37.7 30.7 46.1
100 14.8 11.6 17.4

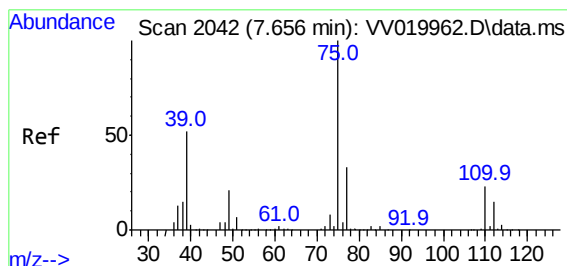
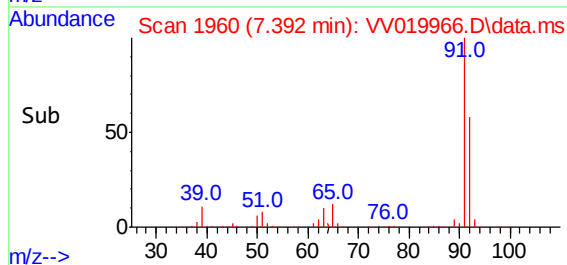
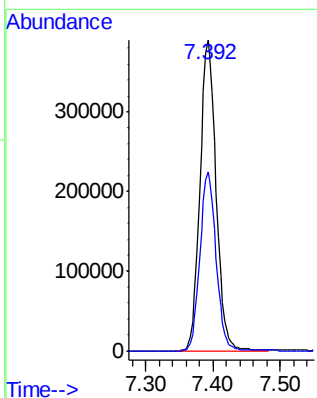
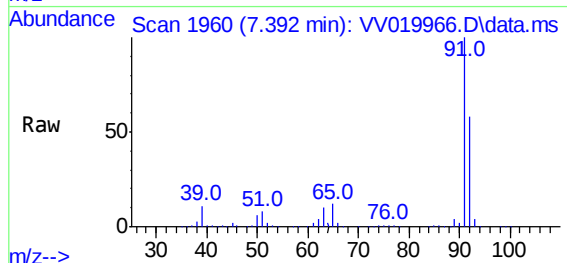




#42
Toluene
Concen: 52.48 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

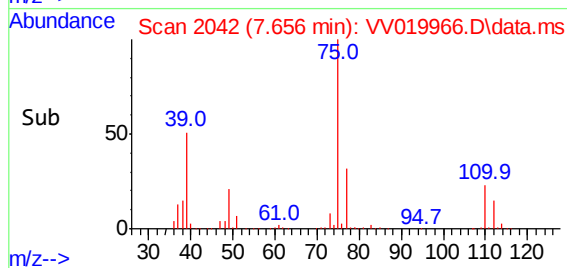
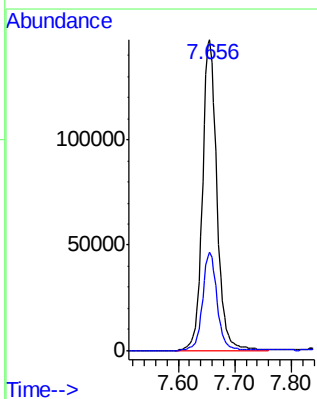
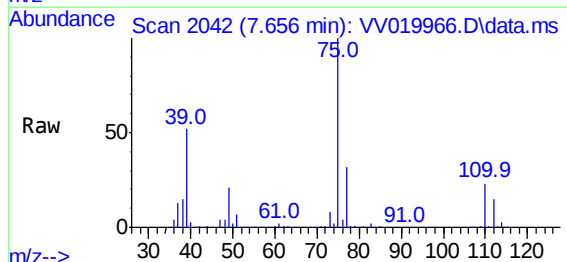
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

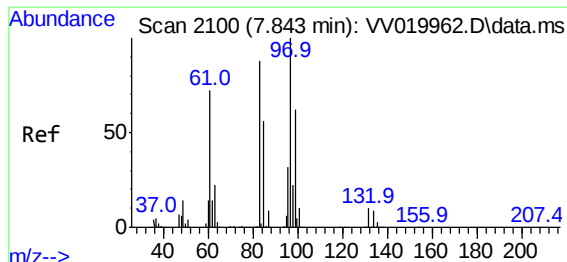
Tgt Ion: 91 Resp: 649839
Ion Ratio Lower Upper
91 100
92 57.5 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 53.98 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 75 Resp: 258604
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0



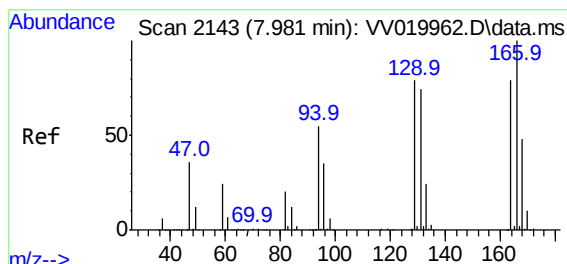
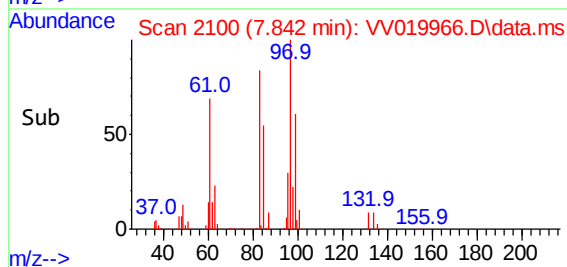
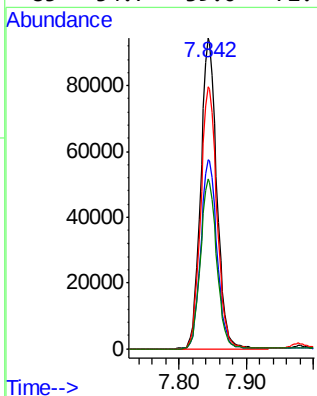
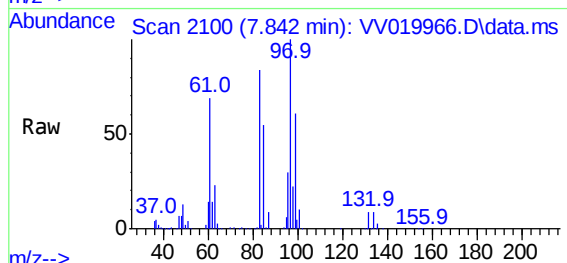


#45
1,1,2-Trichloroethane
Concen: 52.99 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 97 Resp: 157090

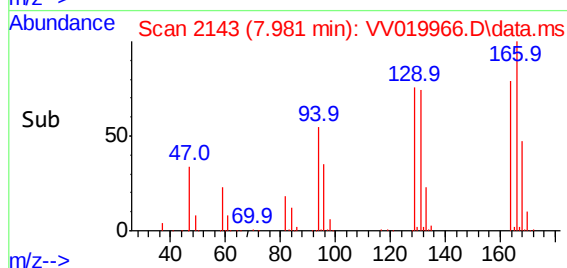
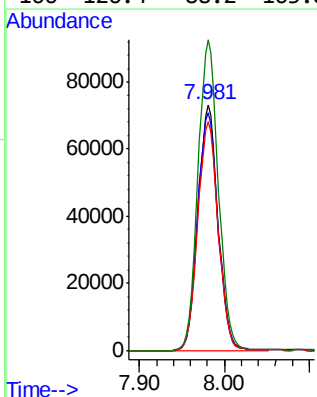
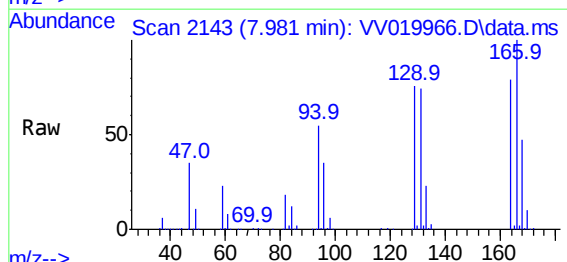
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.8	81.3
83	84.3	62.2	115.4
85	54.7	39.0	72.4

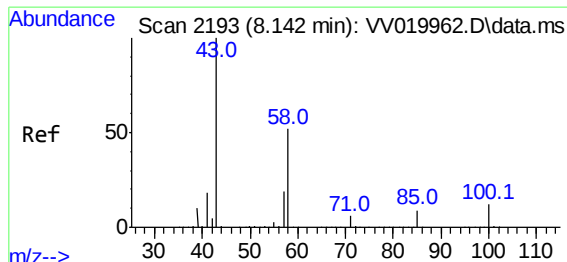


#46
Tetrachloroethene
Concen: 50.08 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:164 Resp: 119808

Ion	Ratio	Lower	Upper
164	100		
129	96.6	70.6	131.0
131	93.1	66.8	124.0
166	126.4	88.2	163.8



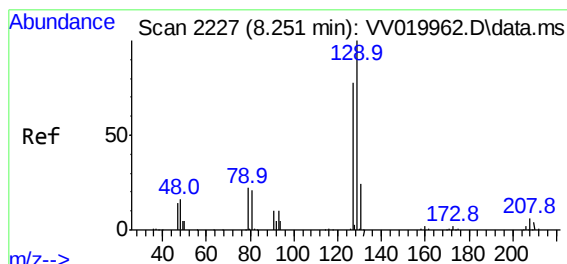
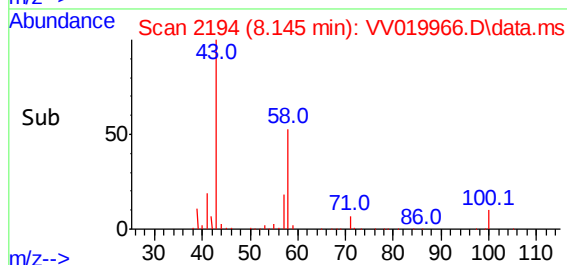
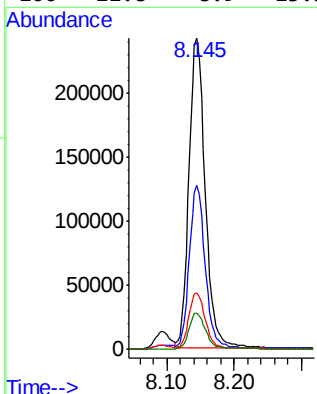
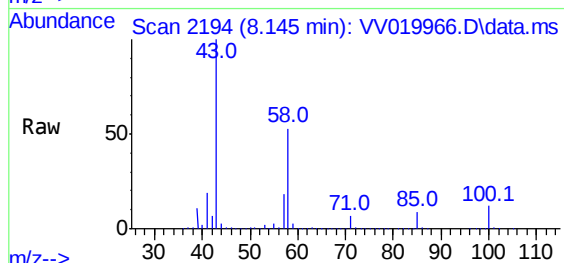


#48
2-Hexanone
Concen: 110.38 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion: 43 Resp: 402393

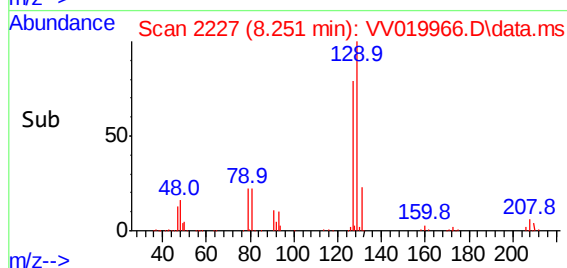
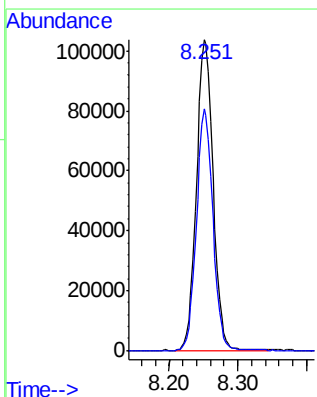
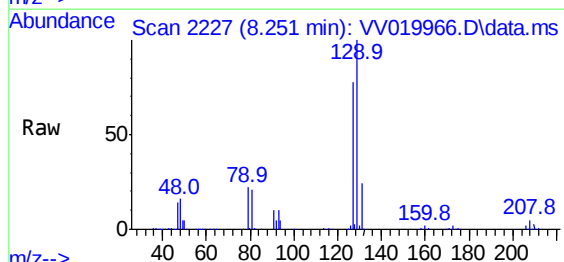
Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.8	62.6
57	18.6	15.0	22.4
100	11.8	8.9	13.3

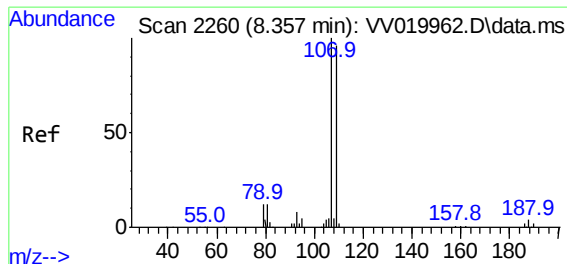


#49
Dibromochloromethane
Concen: 53.37 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 129 Resp: 174732

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.2	102.6

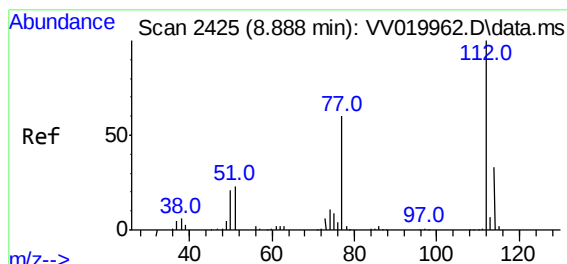
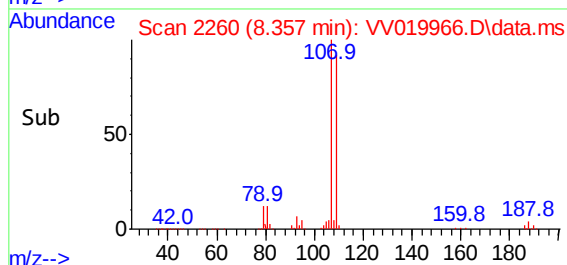
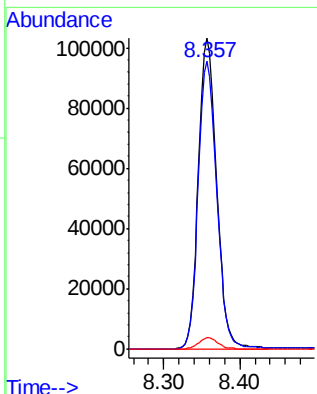
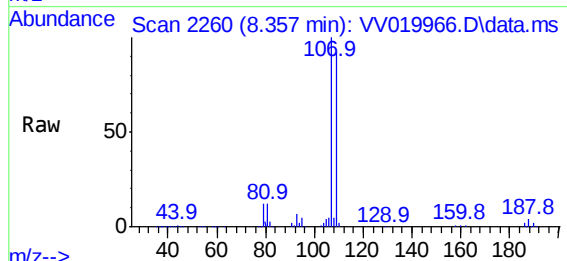




#50
1,2-Dibromoethane
Concen: 53.72 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

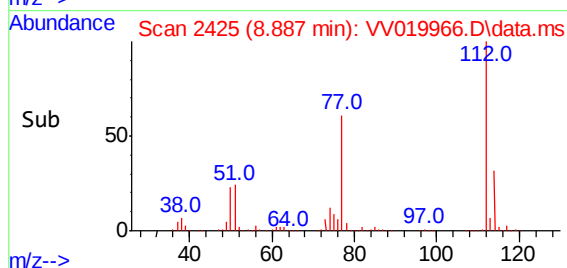
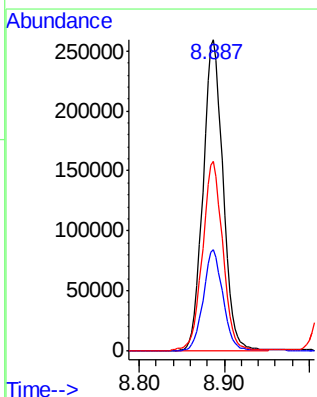
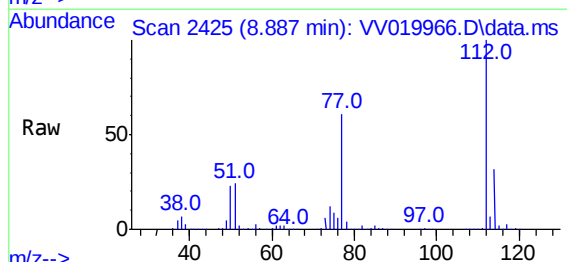
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

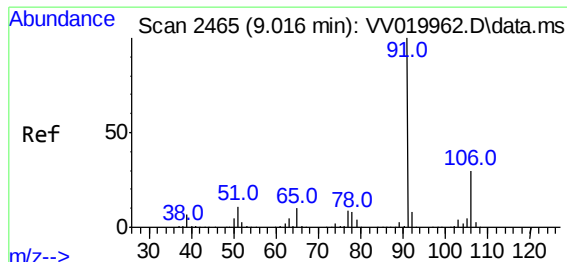
Tgt Ion:107 Resp: 170857
Ion Ratio Lower Upper
107 100
109 92.4 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 51.38 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:112 Resp: 421353
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 60.8 49.0 73.6

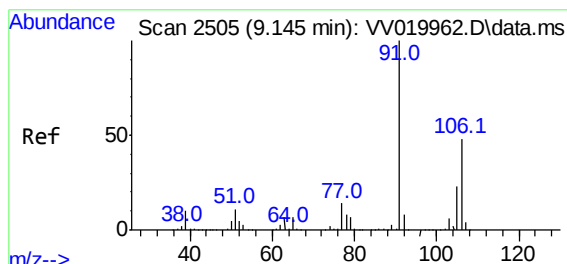
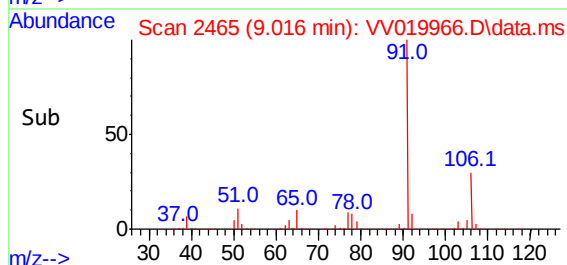
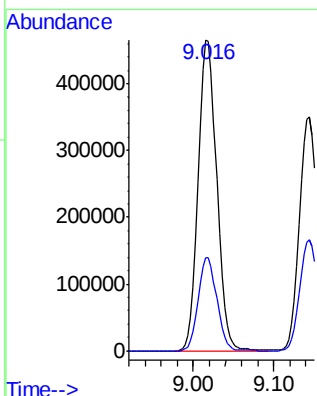
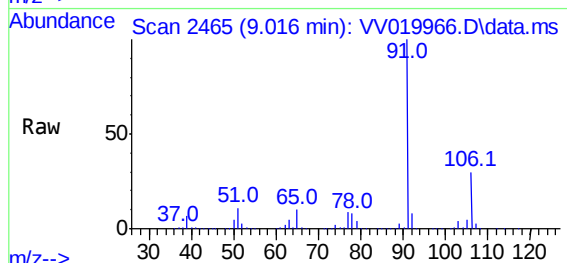




#52
Ethylbenzene
Concen: 51.65 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

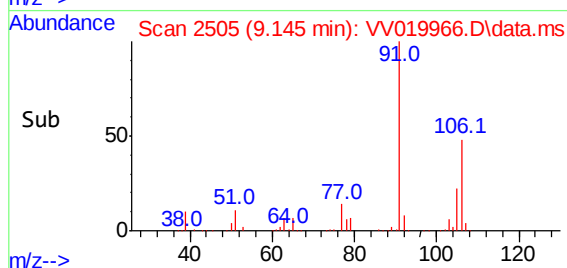
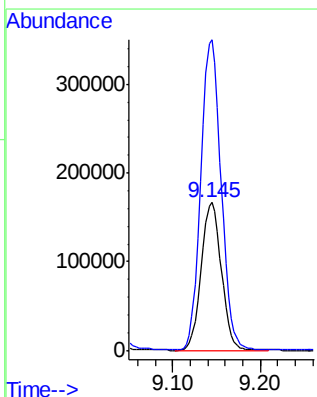
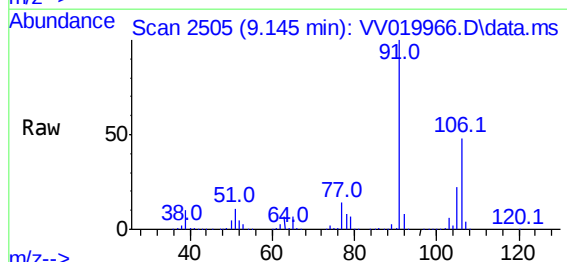
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

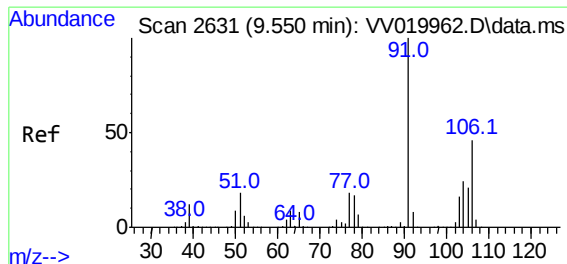
Tgt Ion: 91 Resp: 726217
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 51.88 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 106 Resp: 266431
Ion Ratio Lower Upper
106 100
91 209.8 148.1 275.0

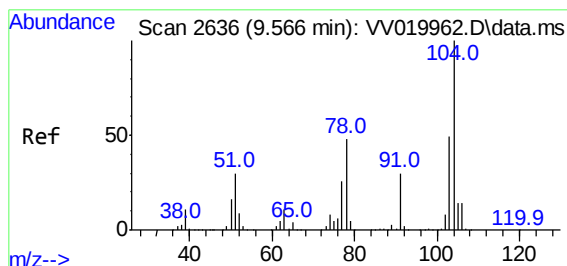
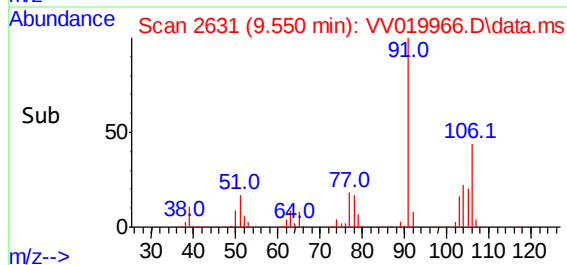
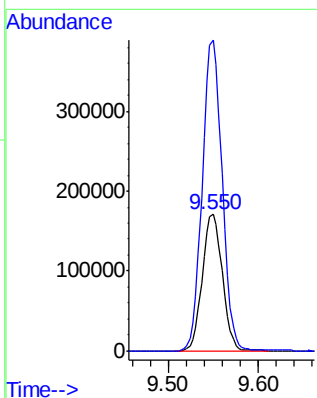
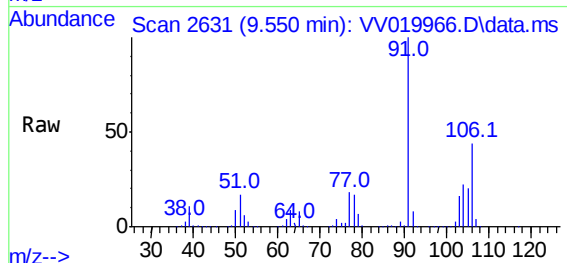




#54
o-xylene
Concen: 51.69 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

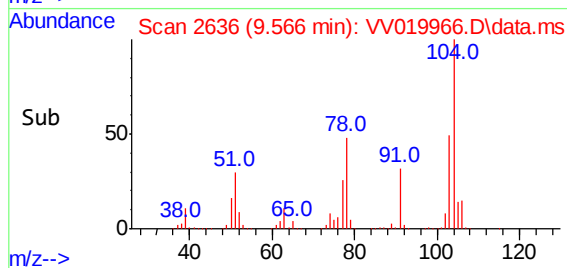
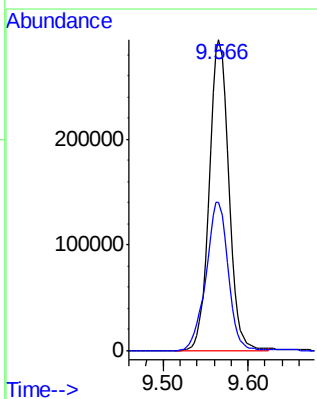
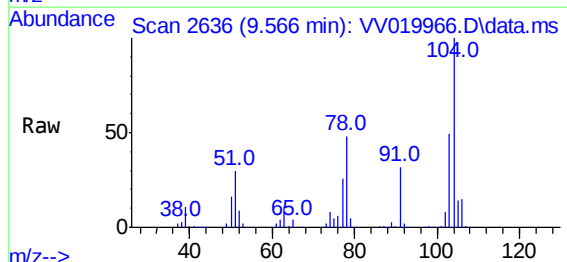
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

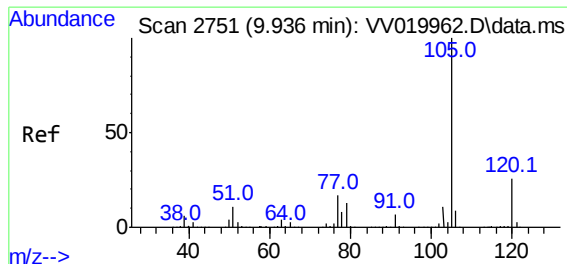
Tgt Ion:106 Resp: 261363
Ion Ratio Lower Upper
106 100
91 228.3 156.4 290.6



#55
Styrene
Concen: 53.46 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:104 Resp: 467330
Ion Ratio Lower Upper
104 100
78 47.8 33.7 62.5

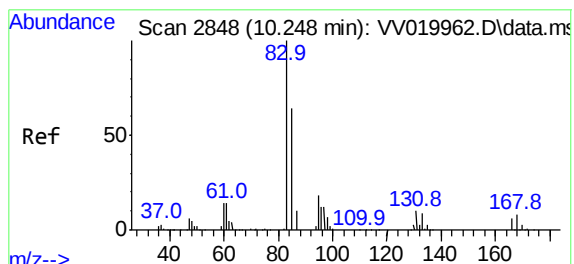
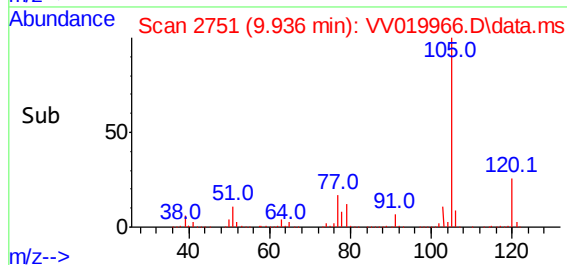
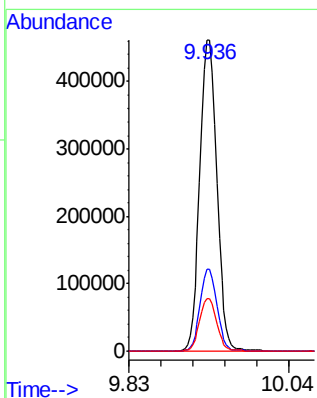
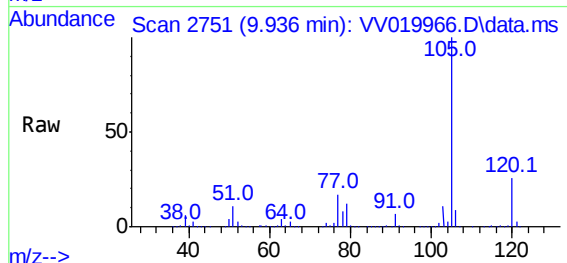




#56
Isopropylbenzene
Concen: 52.12 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

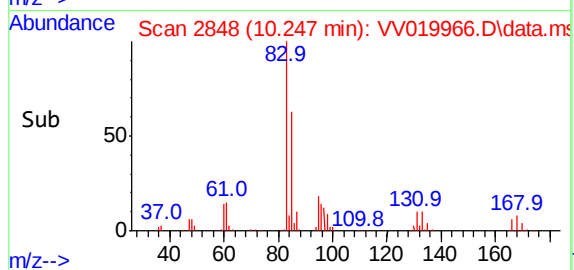
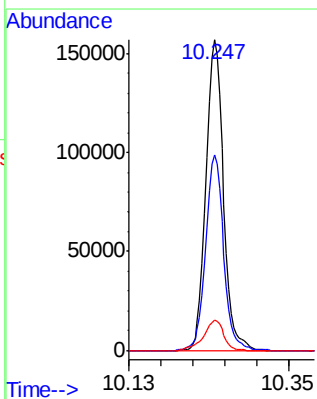
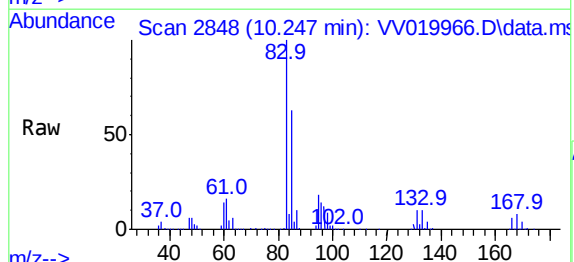
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

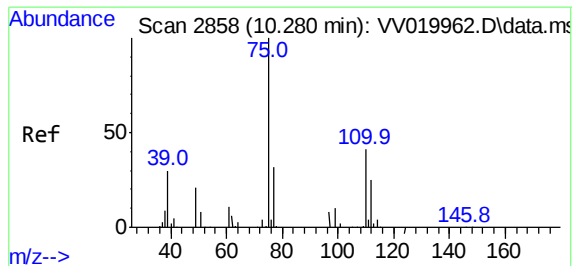
Tgt Ion:105 Resp: 712798
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.71 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 83 Resp: 249288
Ion Ratio Lower Upper
83 100
85 62.7 44.3 82.3
131 9.7 7.3 10.9

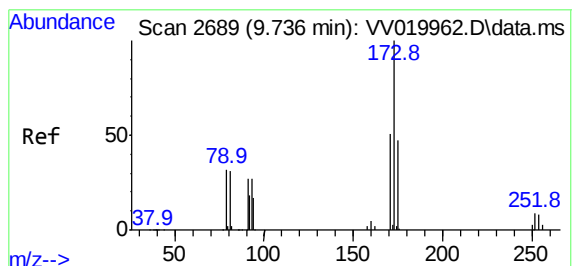
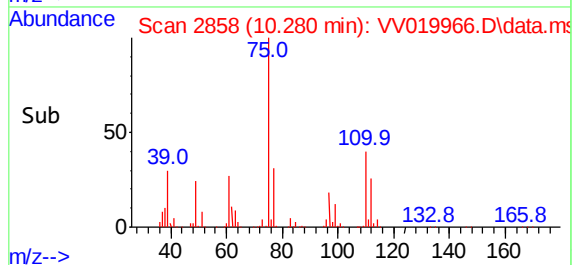
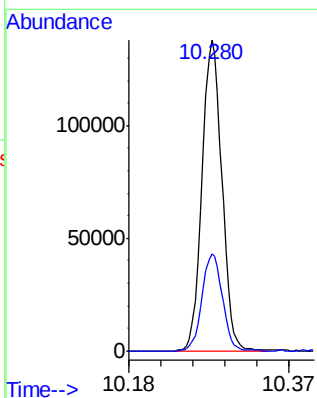
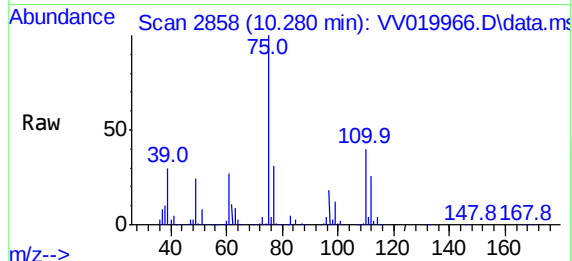




#59
1,2,3-Trichloropropane
Concen: 53.03 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

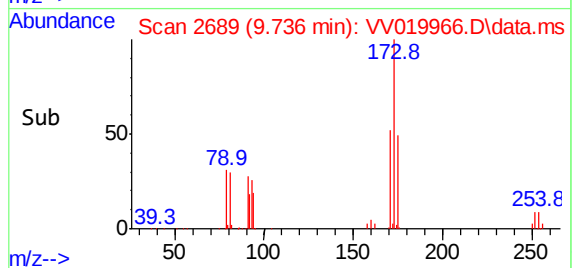
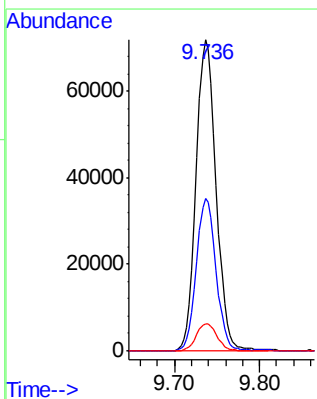
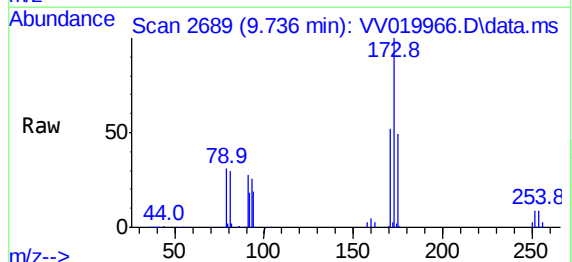
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

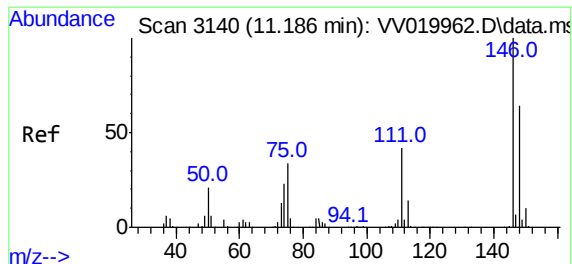
Tgt Ion: 75 Resp: 217492
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#61
Bromoform
Concen: 53.60 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 173 Resp: 116903
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 8.7 6.5 9.7

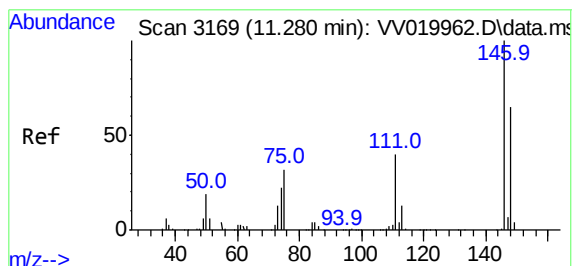
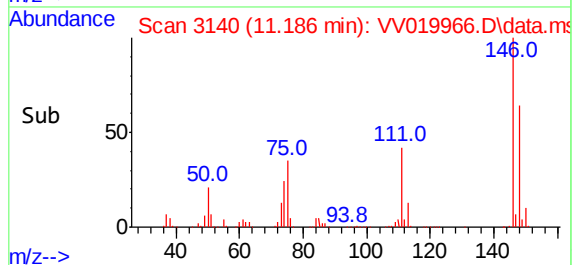
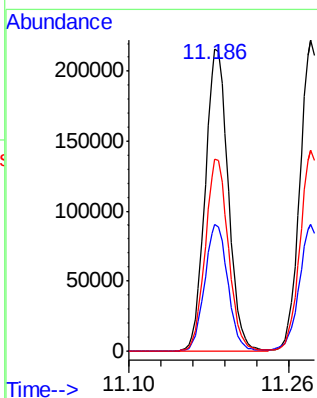
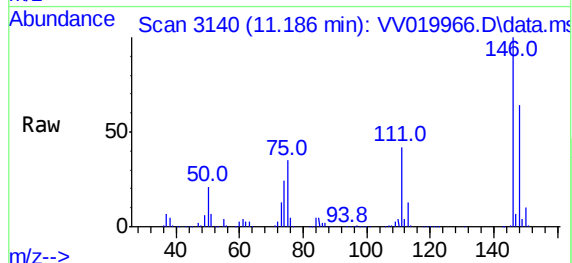




#62
1,3-Dichlorobenzene
Concen: 51.80 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

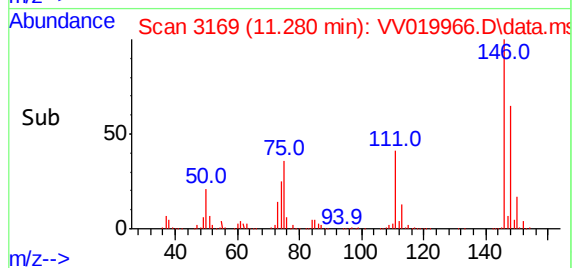
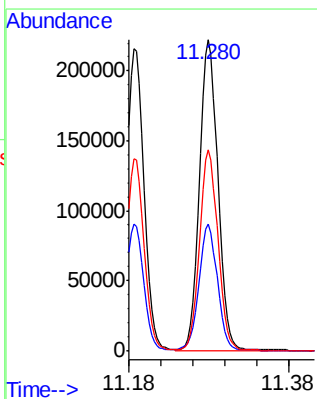
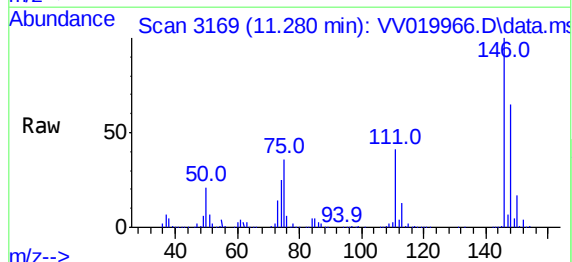
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

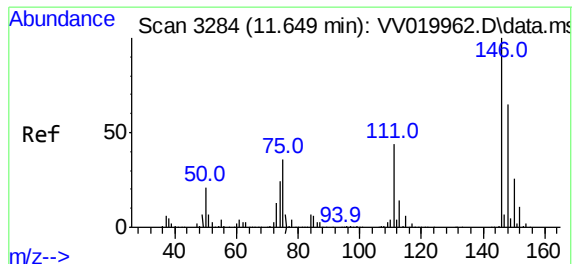
Tgt Ion:146 Resp: 332974
Ion Ratio Lower Upper
146 100
111 42.1 30.2 56.2
148 63.5 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 51.66 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:146 Resp: 340784
Ion Ratio Lower Upper
146 100
111 40.7 29.4 54.6
148 64.8 44.7 83.1

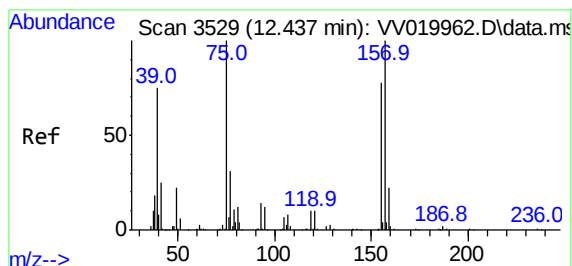
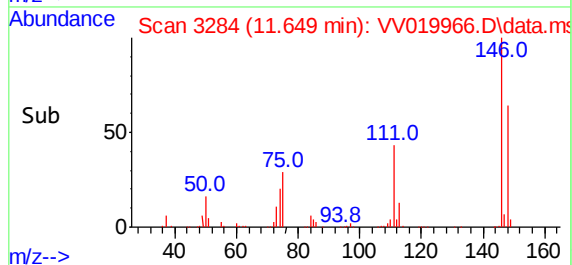
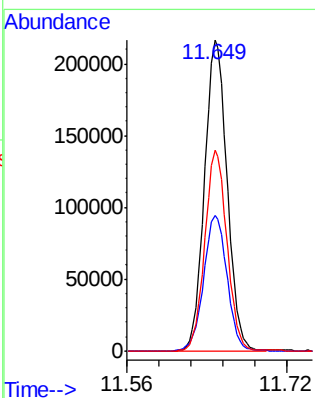
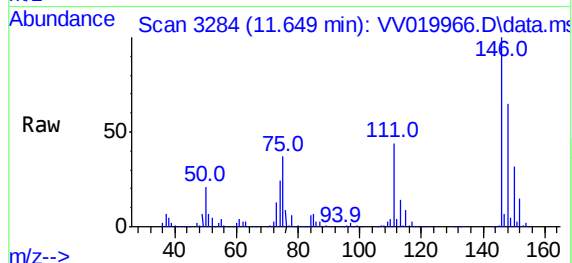




#65
1,2-Dichlorobenzene
Concen: 52.47 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

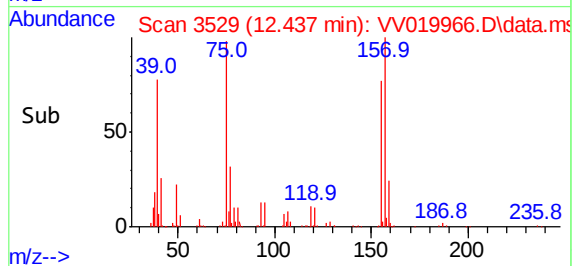
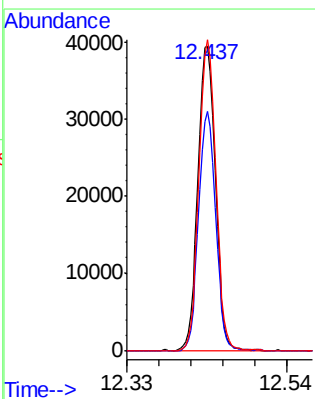
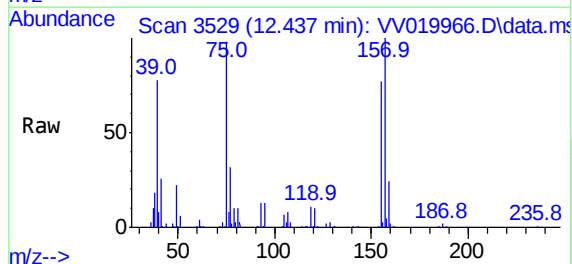
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

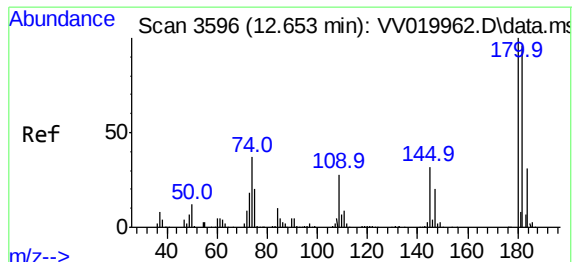
Tgt Ion:146 Resp: 339772
Ion Ratio Lower Upper
146 100
111 43.8 36.3 54.5
148 64.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 55.55 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion: 75 Resp: 62571
Ion Ratio Lower Upper
75 100
155 78.4 59.1 88.7
157 101.9 75.4 113.0

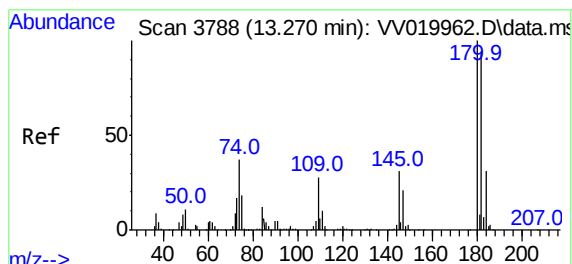
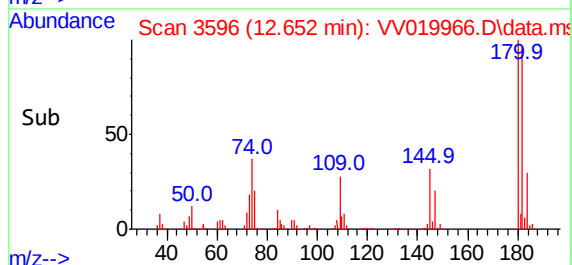
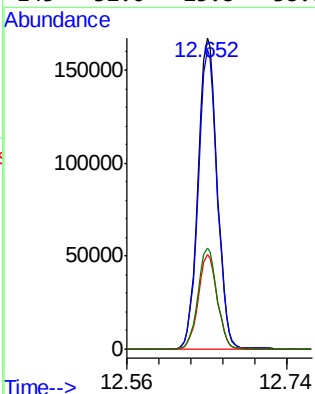
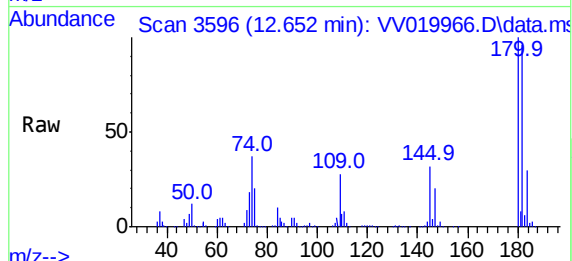




#67
1,3,5-Trichlorobenzene
Concen: 52.34 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. -0.001 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

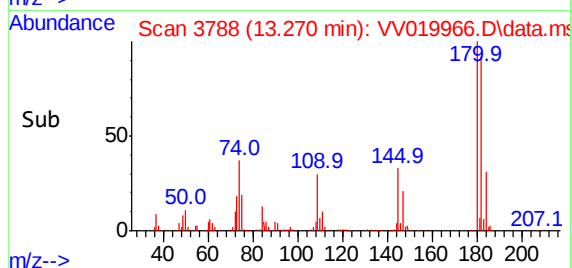
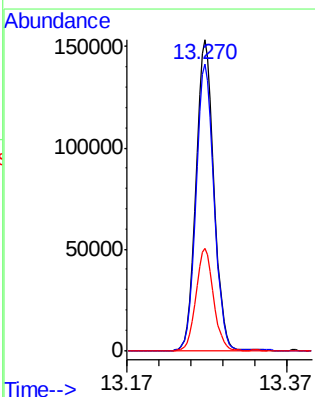
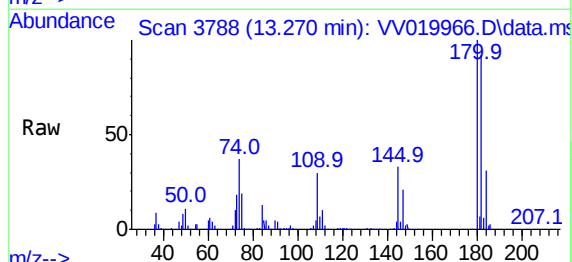
Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

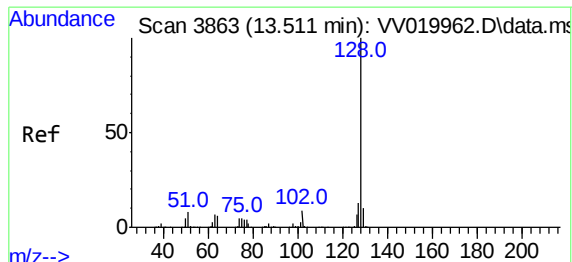
Tgt Ion:180 Resp: 252659
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
184 30.1 24.0 36.0
145 32.0 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 54.83 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:180 Resp: 234004
Ion Ratio Lower Upper
180 100
182 92.6 75.1 112.7
145 32.0 26.8 40.2

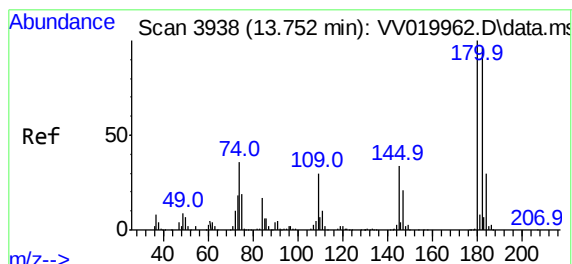
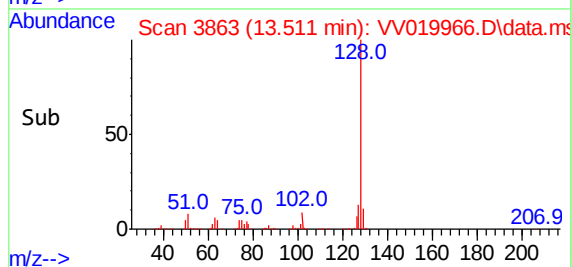
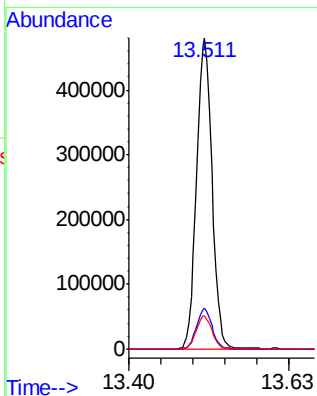
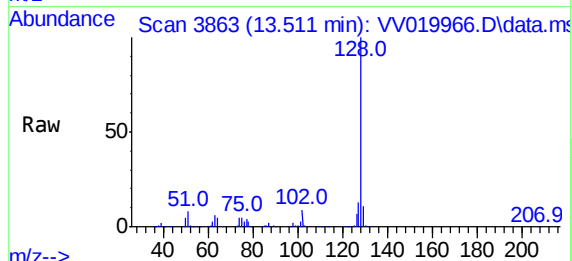




#69
Naphthalene
Concen: 59.05 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD05062

Tgt Ion:128 Resp: 729017
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 54.70 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV019966.D
Acq: 11 Jan 2021 14:41

Tgt Ion:180 Resp: 226620
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 34.6 27.9 41.9

