

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019976.D
 Acq On : 11 Jan 2021 19:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Jan 12 06:43:25 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	390569	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	380883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	204283	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	167695	50.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.80%			
7) Chloroethane-d5	1.569	69	138571	52.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.38%			
11) 1,1-Dichloroethene-d2	2.109	63	328833	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.36%			
21) 2-Butanone-d5	3.897	46	226936	106.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.19%			
24) Chloroform-d	4.354	84	308811	52.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.08%			
26) 1,2-Dichloroethane-d4	5.035	65	214525	53.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.34%			
32) Benzene-d6	5.055	84	556952	51.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.62%			
36) 1,2-Dichloropropane-d6	6.074	67	174757	52.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.14%			
41) Toluene-d8	7.321	98	508287	52.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.34%			
43) trans-1,3-Dichloroprop...	7.624	79	87417	50.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.38%			
47) 2-Hexanone-d5	8.093	63	145998	108.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.50%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	240784	53.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.14%			
64) 1,2-Dichlorobenzene-d4	11.630	152	202265	51.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.129	85	173921	46.09	ug/L	100
3) Chloromethane	1.241	50	187937	51.96	ug/L	99
5) Vinyl chloride	1.312	62	187666	51.27	ug/L	99
6) Bromomethane	1.524	94	116198	50.90	ug/L	99
8) Chloroethane	1.585	64	116274	51.61	ug/L	100
9) Trichlorofluoromethane	1.753	101	257855	50.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	129851	45.46	ug/L	96
12) 1,1-Dichloroethene	2.119	96	139645	50.70	ug/L	97
13) Acetone	2.190	43	164302	87.01	ug/L	96
14) Carbon disulfide	2.296	76	389555	47.60	ug/L	99
15) Methyl Acetate	2.437	43	167051	52.13	ug/L	100
16) Methylene chloride	2.511	84	152016	51.93	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	139909	50.68	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	465347	51.76	ug/L	98
19) 1,1-Dichloroethane	3.193	63	272738	51.66	ug/L	98
22) 2-Butanone	3.981	43	234153	102.92	ug/L	99
23) Bromochloromethane	4.254	128	78760	51.12	ug/L	93
25) Chloroform	4.379	83	286805	51.68	ug/L	99
27) 1,2-Dichloroethane	5.135	62	247766	53.43	ug/L	99
29) Cyclohexane	4.685	56	200752	44.58	ug/L	98

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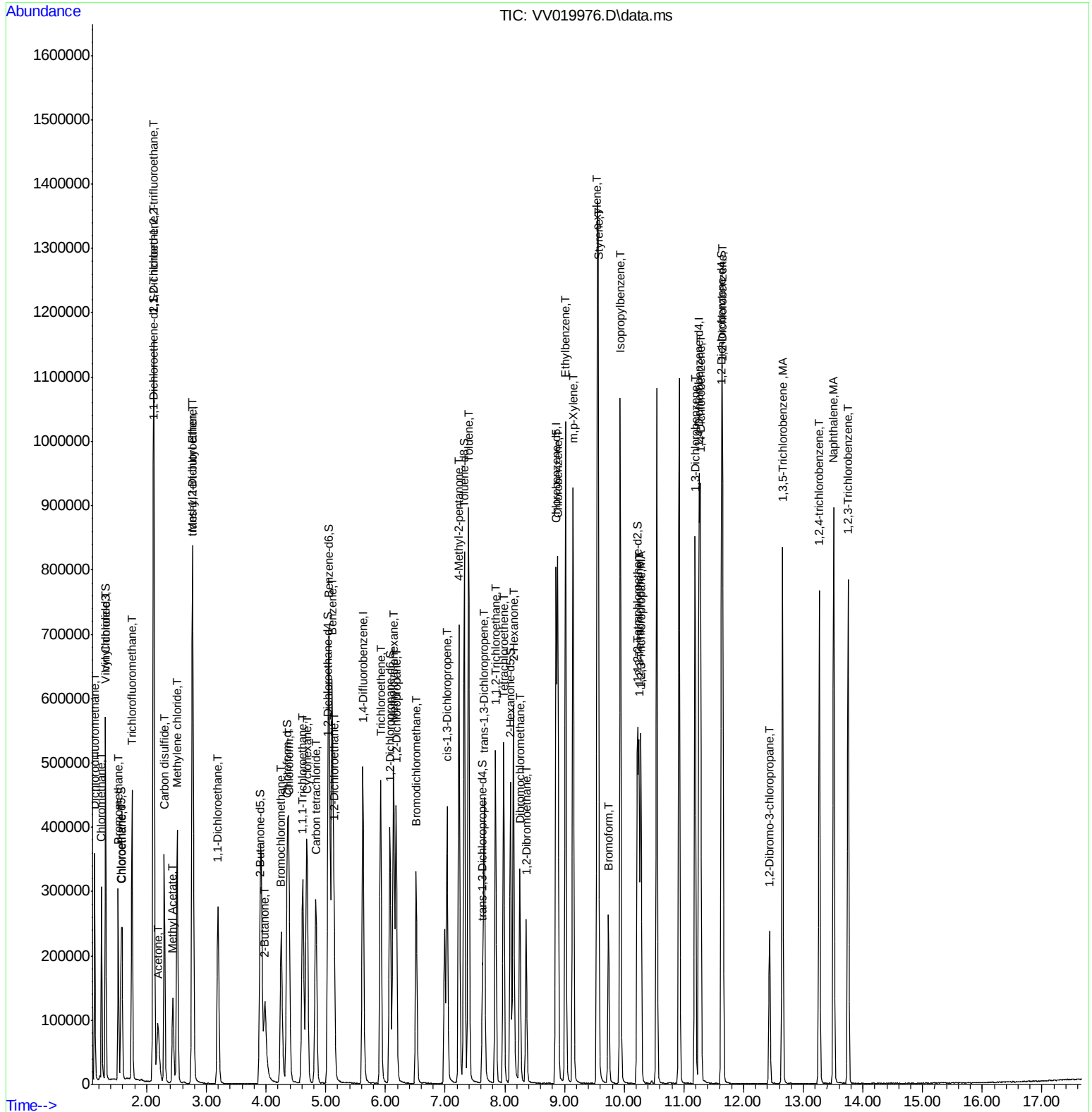
Instrument :
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 ClientSampleId :
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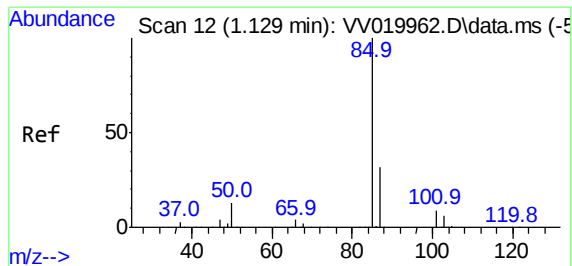
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.614	97	250319	49.96	ug/L	100
31) Carbon tetrachloride	4.833	117	204747	47.93	ug/L	99
33) Benzene	5.103	78	576313	52.12	ug/L	100
34) Trichloroethene	5.920	95	157206	49.62	ug/L	99
35) Methylcyclohexane	6.138	83	192566	42.53	ug/L	98
37) 1,2-Dichloropropane	6.180	63	150834	52.59	ug/L	100
38) Bromodichloromethane	6.514	83	210462	50.80	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	227905	50.75	ug/L	98
40) 4-Methyl-2-pentanone	7.231	43	463825	105.25	ug/L	98
42) Toluene	7.392	91	605035	51.39	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	231537	50.82	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	146066	51.82	ug/L	99
46) Tetrachloroethene	7.981	164	107523	47.27	ug/L	99
48) 2-Hexanone	8.145	43	355039	102.42	ug/L	99
49) Dibromochloromethane	8.251	129	159261	51.16	ug/L	98
50) 1,2-Dibromoethane	8.357	107	157979	52.23	ug/L	99
51) Chlorobenzene	8.887	112	390394	50.06	ug/L	99
52) Ethylbenzene	9.016	91	671518	50.22	ug/L	99
53) m,p-Xylene	9.145	106	241408	49.43	ug/L	98
54) o-xylene	9.550	106	244707	50.89	ug/L	97
55) Styrene	9.566	104	434421	52.26	ug/L	100
56) Isopropylbenzene	9.935	105	638243	49.07	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	228299	51.73	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	198921	51.00	ug/L	98
61) Bromoform	9.736	173	103453	49.74	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	305804	49.89	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	310817	49.41	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	314553	50.93	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	54826	51.04	ug/L	95
67) 1,3,5-Trichlorobenzene	12.652	180	223590	48.57	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	205105	50.39	ug/L	100
69) Naphthalene	13.511	128	636463	54.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	204427	51.74	ug/L	99

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

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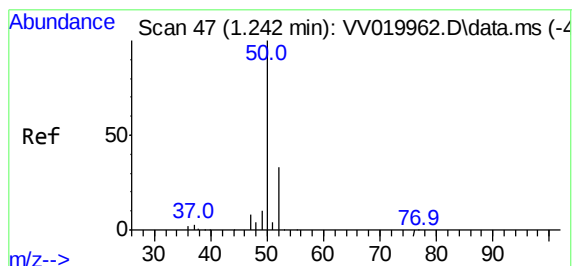
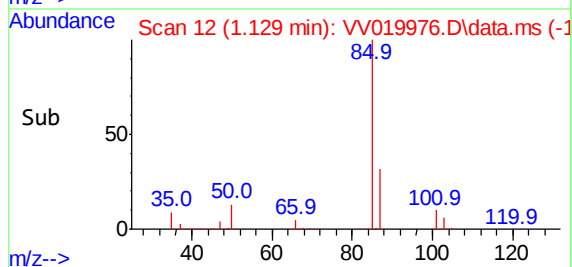
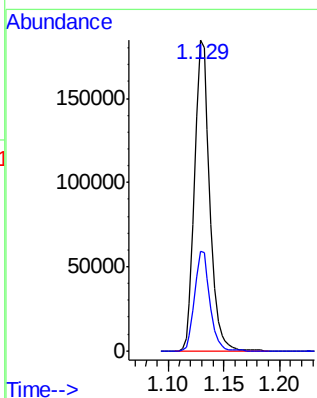
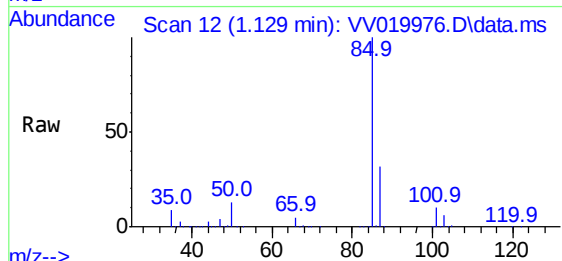




#2
Dichlorodifluoromethane
Concen: 46.09 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

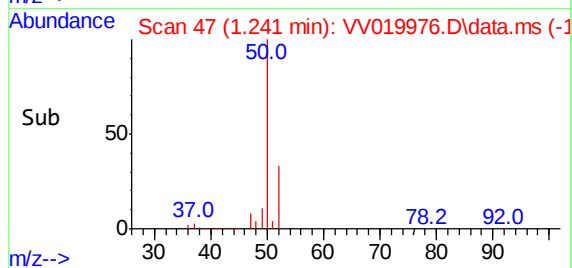
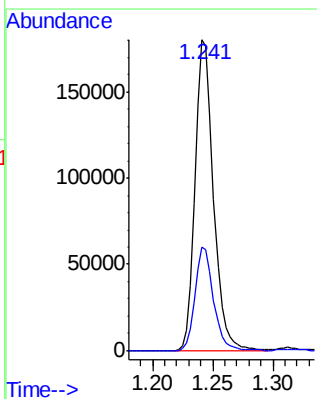
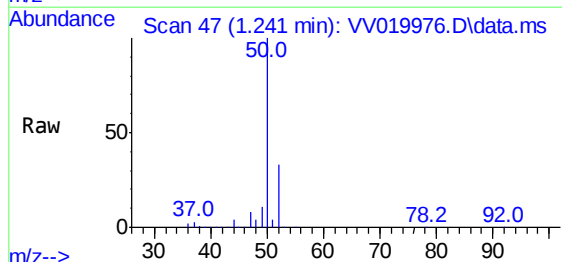
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

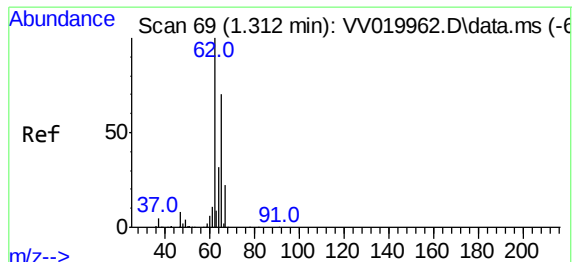
Tgt Ion: 85 Resp: 173921
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 51.96 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 50 Resp: 187937
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1

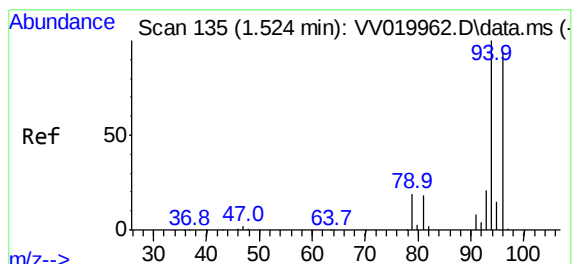
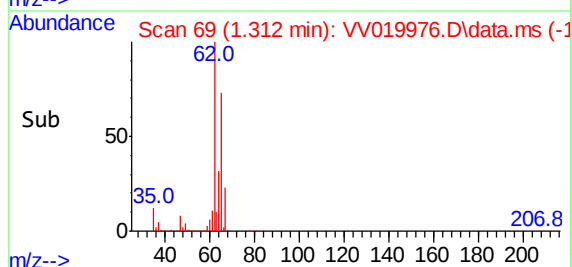
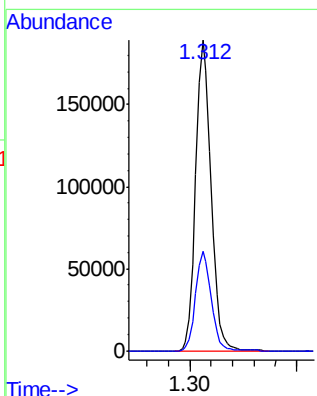
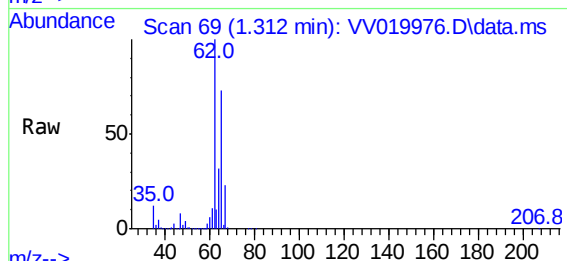




#5
 Vinyl chloride
 Concen: 51.27 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

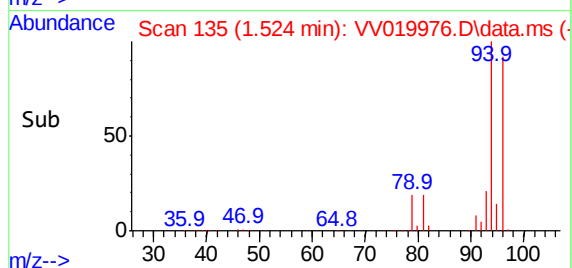
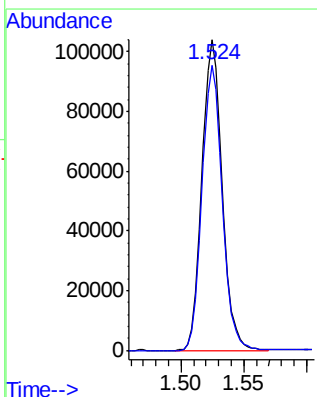
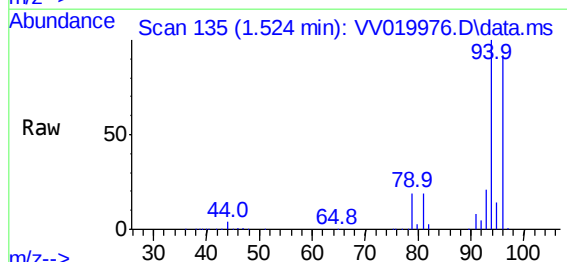
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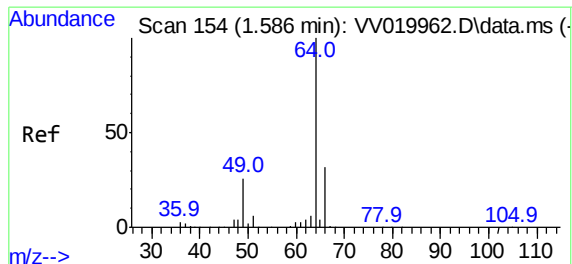
Tgt Ion: 62 Resp: 187666
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.6



#6
 Bromomethane
 Concen: 50.90 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Tgt Ion: 94 Resp: 116198
 Ion Ratio Lower Upper
 94 100
 96 91.9 63.6 118.2

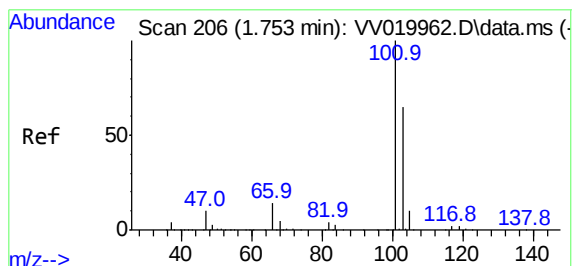
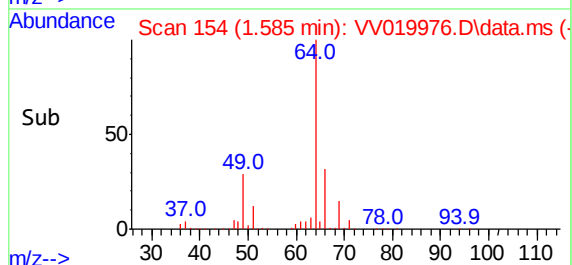
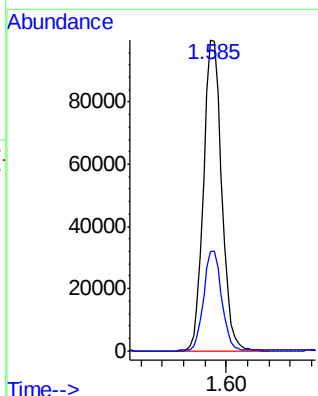
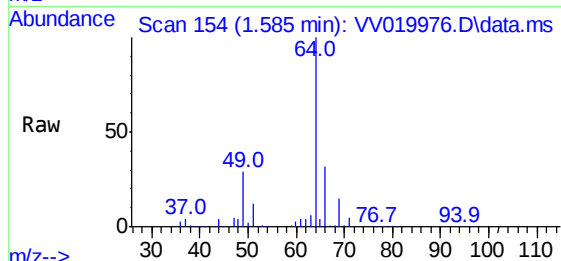




#8
Chloroethane
Concen: 51.61 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

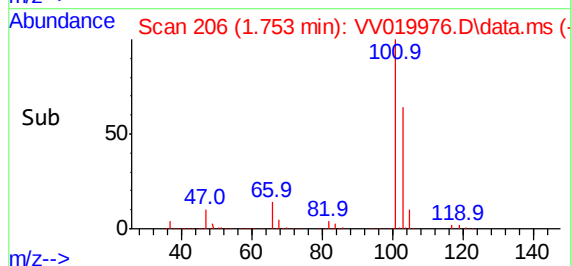
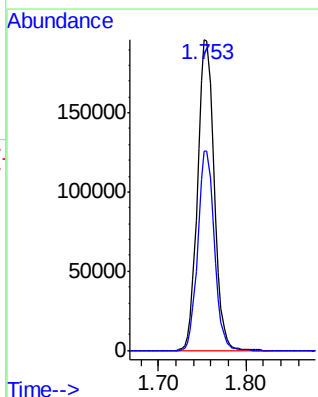
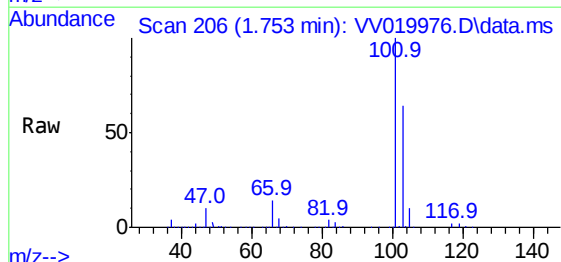
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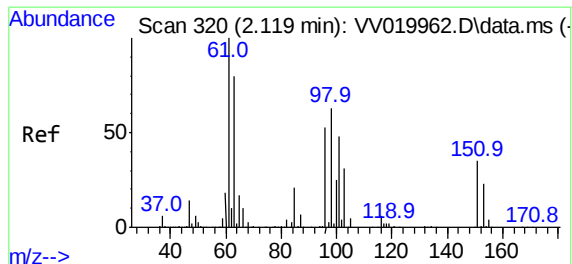
Tgt Ion: 64 Resp: 116274
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.14 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:101 Resp: 257855
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5



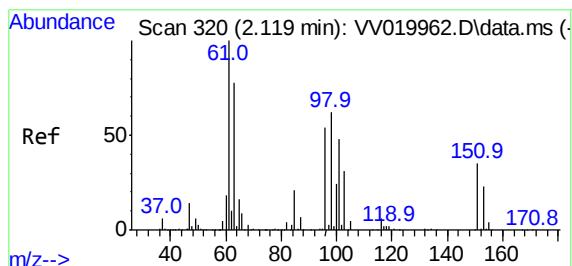
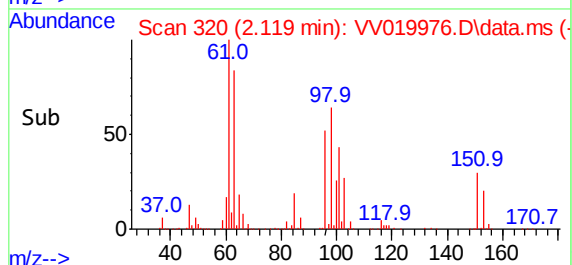
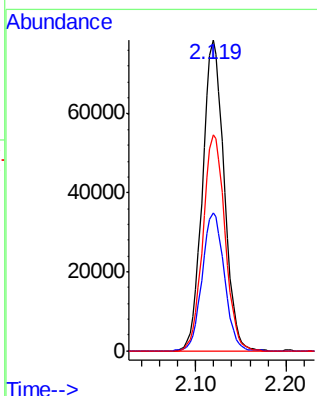
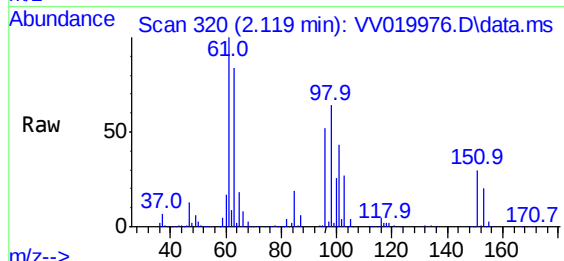


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.46 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Tgt Ion:101 Resp: 129851

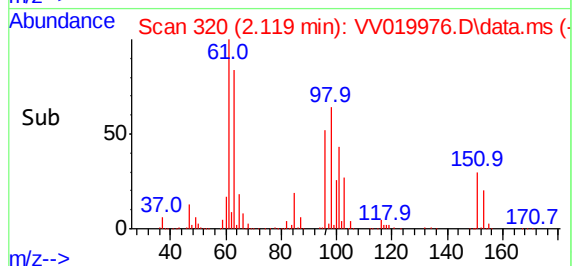
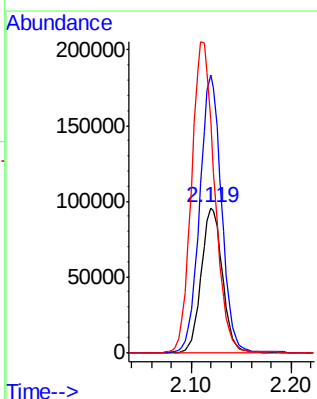
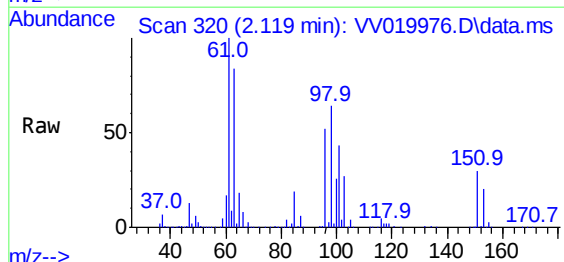
Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.3	52.9
151	70.8	53.6	80.4

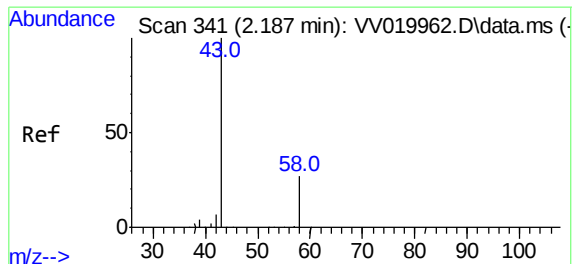


#12
 1,1-Dichloroethene
 Concen: 50.70 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Tgt Ion: 96 Resp: 139645

Ion	Ratio	Lower	Upper
96	100		
61	191.8	134.9	250.5
63	160.8	117.6	218.4

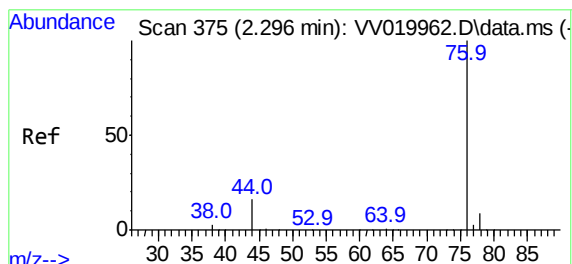
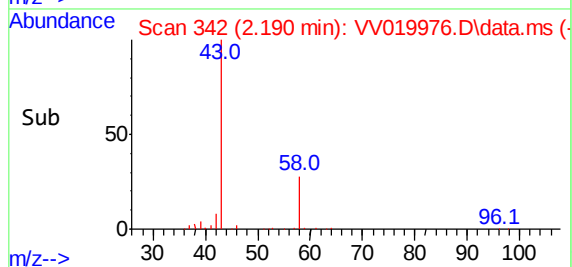
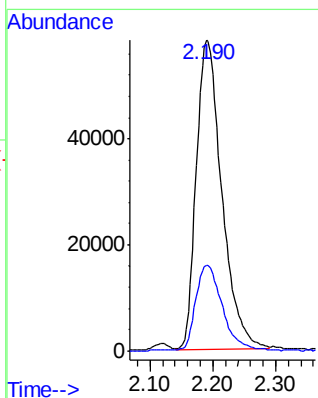
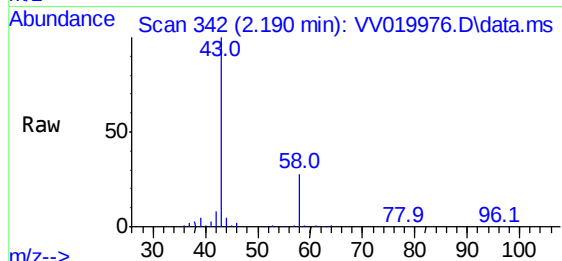




#13
Acetone
Concen: 87.01 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

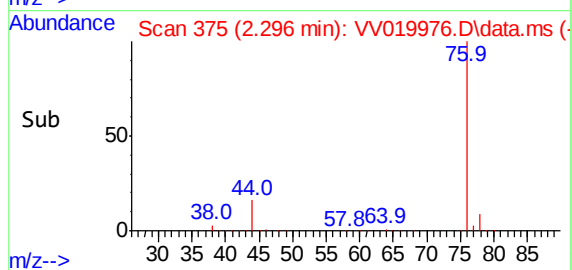
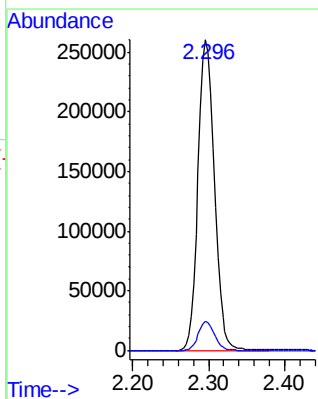
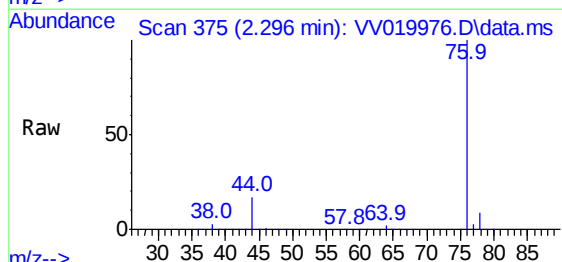
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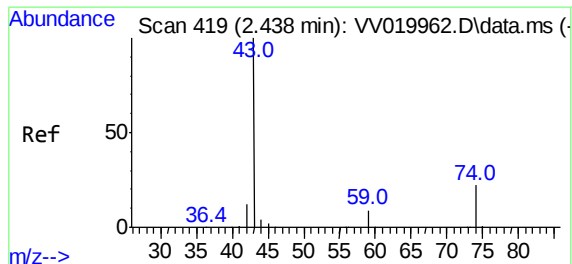
Tgt Ion: 43 Resp: 164302
Ion Ratio Lower Upper
43 100
58 27.8 0.0 60.2



#14
Carbon disulfide
Concen: 47.60 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 76 Resp: 389555
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

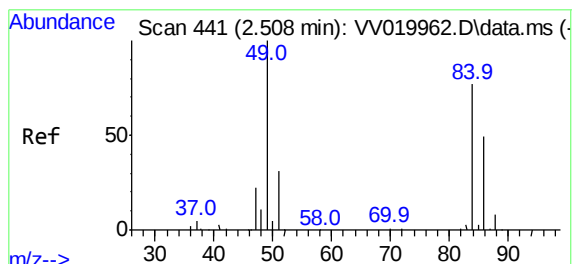
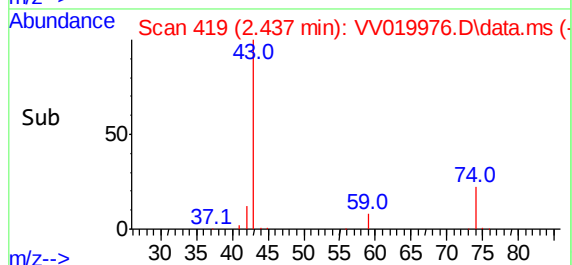
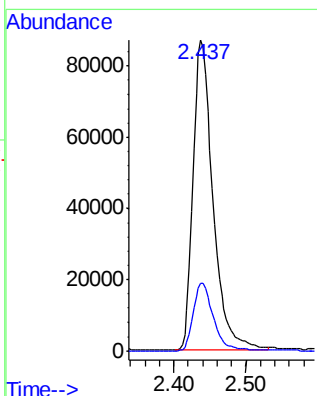
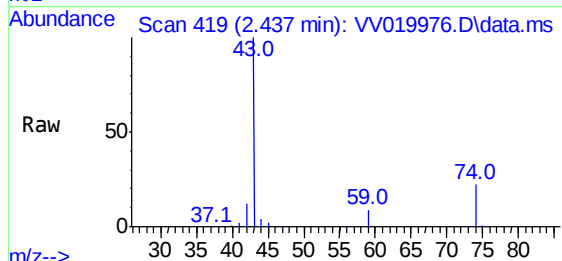




#15
Methyl Acetate
Concen: 52.13 ug/L
RT: 2.437 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

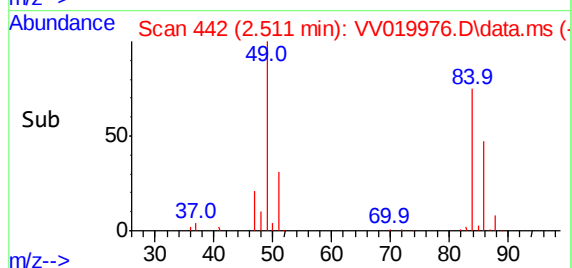
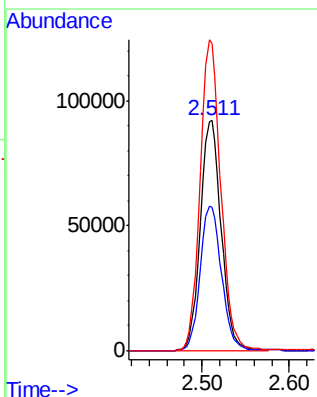
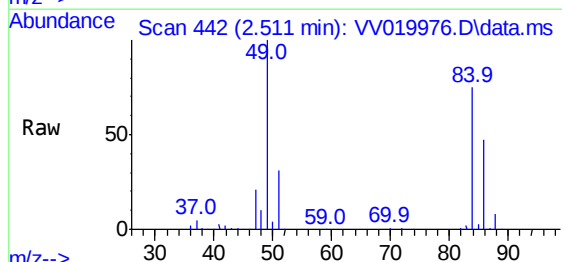
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

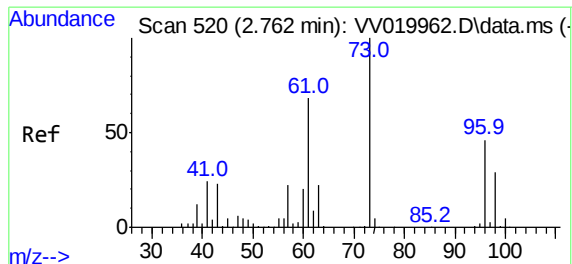
Tgt Ion: 43 Resp: 167051
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 51.93 ug/L
RT: 2.511 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 84 Resp: 152016
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 133.6 94.6 175.8

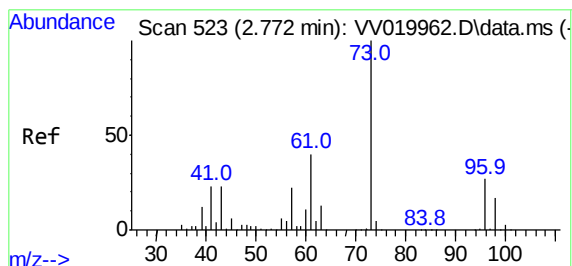
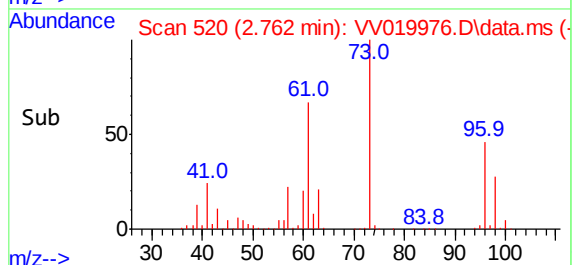
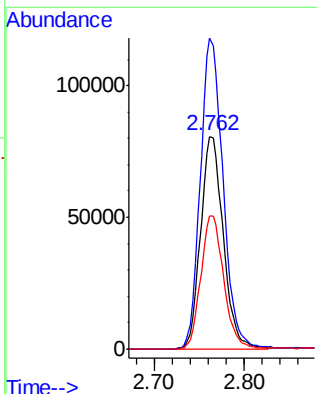
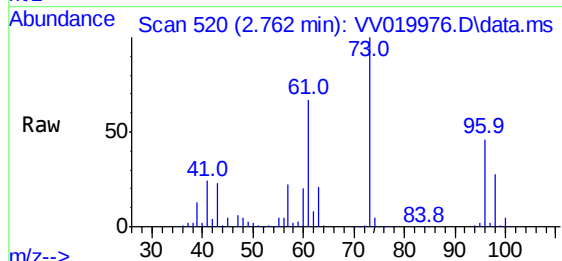




#17
trans-1,2-Dichloroethene
Concen: 50.68 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

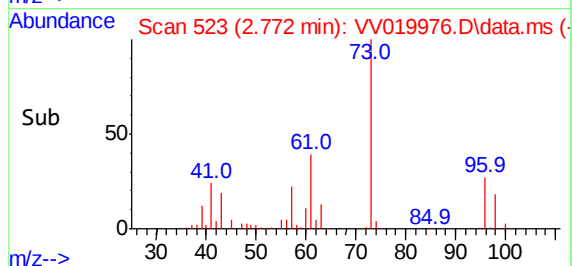
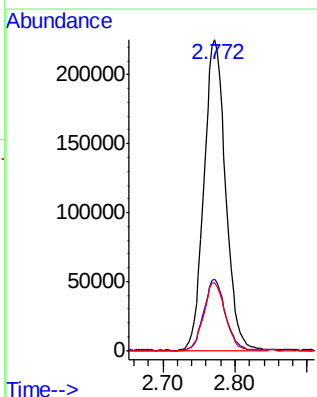
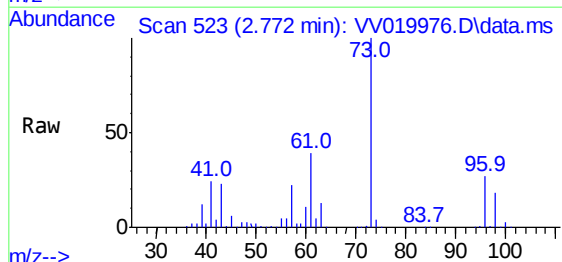
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

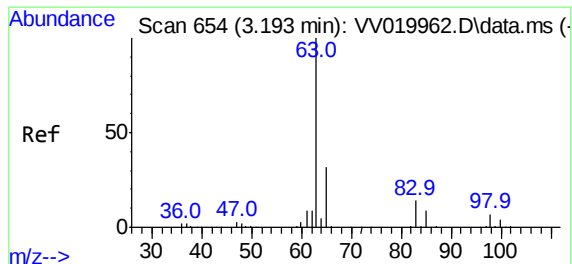
Tgt Ion: 96 Resp: 139909
Ion Ratio Lower Upper
96 100
61 146.2 103.1 191.5
98 62.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 51.76 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 73 Resp: 465347
Ion Ratio Lower Upper
73 100
43 22.6 17.3 25.9
57 21.7 17.9 26.9

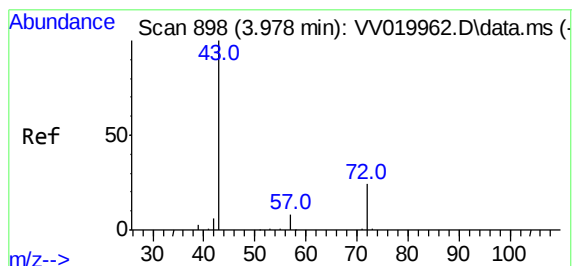
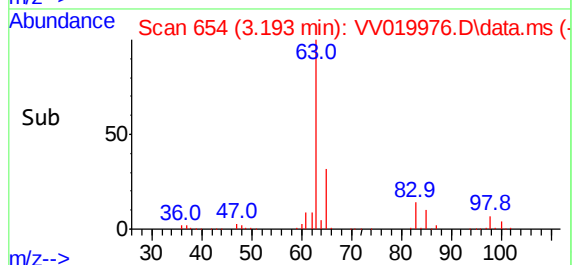
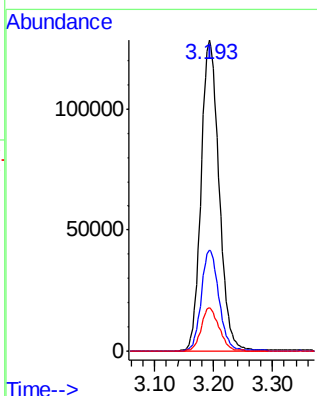
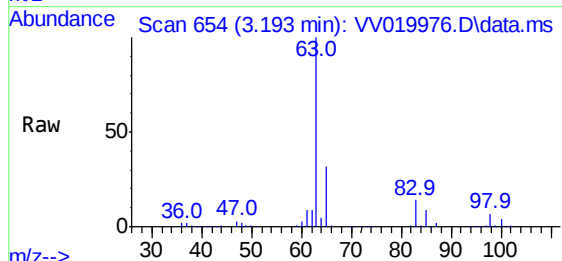




#19
1,1-Dichloroethane
Concen: 51.66 ug/L
RT: 3.193 min Scan# 654
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

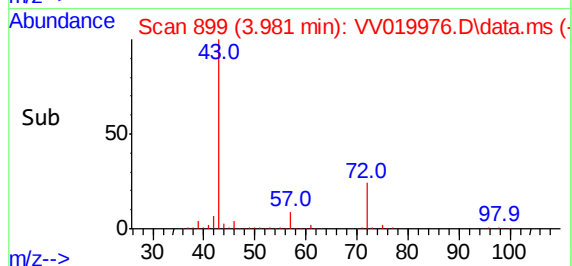
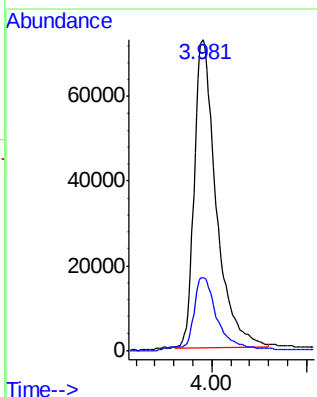
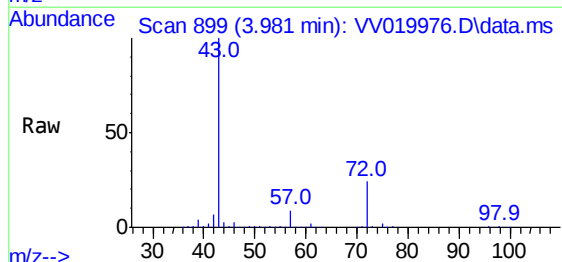
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

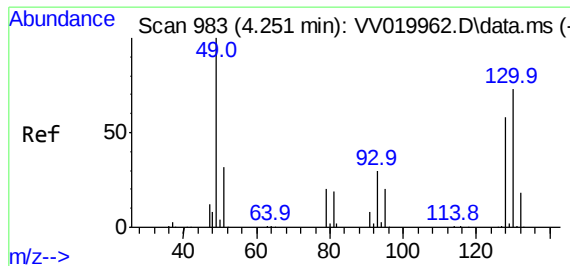
Tgt Ion: 63 Resp: 272738
Ion Ratio Lower Upper
63 100
65 32.4 21.9 40.7
83 14.1 9.5 17.7



#22
2-Butanone
Concen: 102.92 ug/L
RT: 3.981 min Scan# 899
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 43 Resp: 234153
Ion Ratio Lower Upper
43 100
72 23.7 12.2 36.6

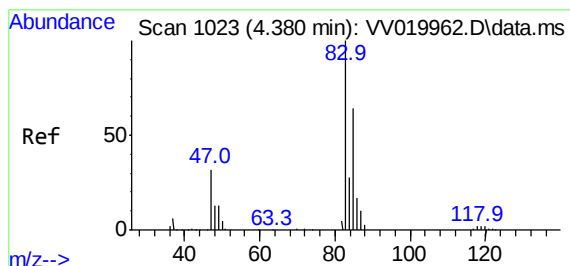
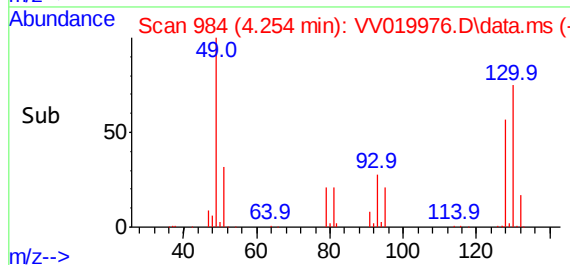
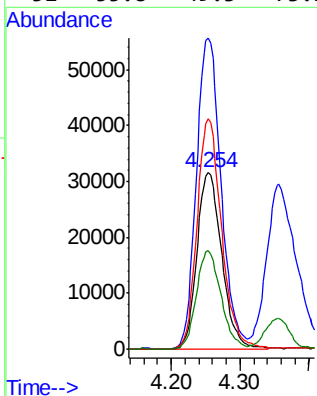
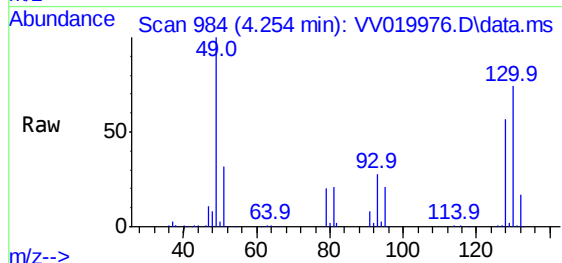




#23
Bromochloromethane
Concen: 51.12 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

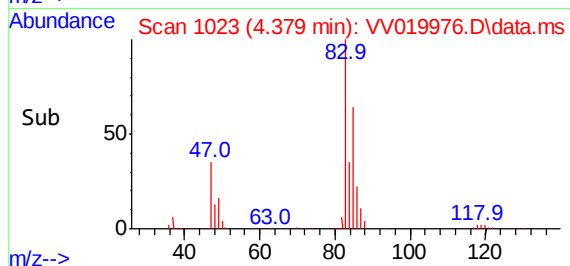
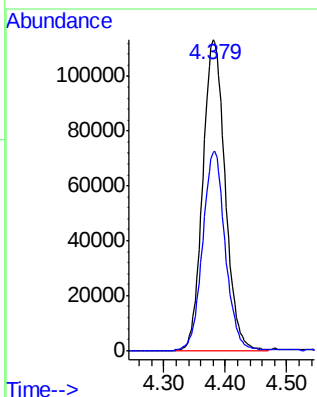
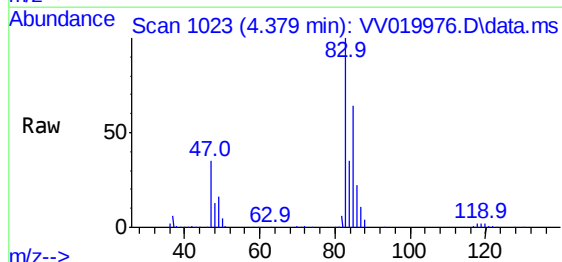
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

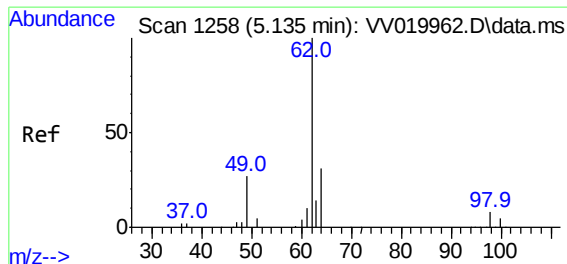
Tgt Ion:128 Resp: 78760
Ion Ratio Lower Upper
128 100
49 176.5 133.1 247.1
130 130.7 89.0 165.4
51 55.8 49.3 73.9



#25
Chloroform
Concen: 51.68 ug/L
RT: 4.379 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 83 Resp: 286805
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2

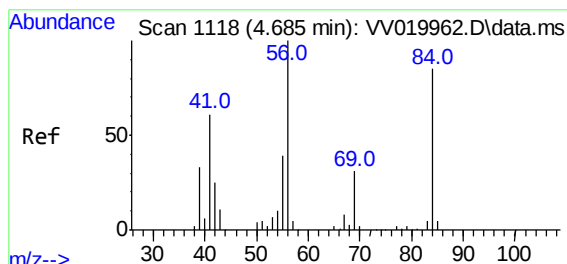
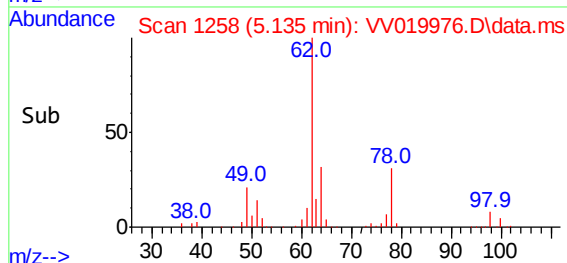
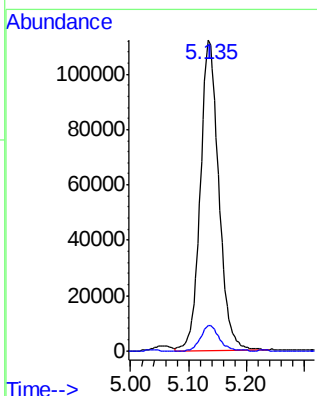
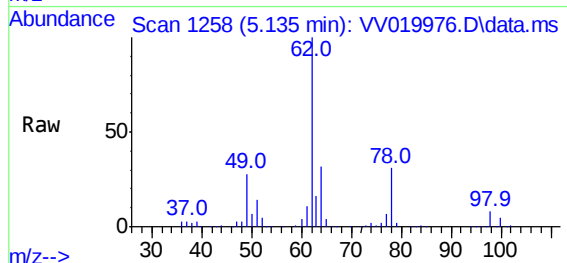




#27
1,2-Dichloroethane
Concen: 53.43 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

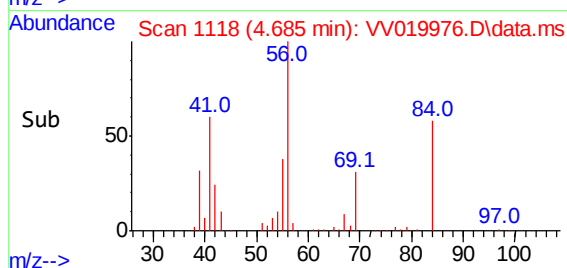
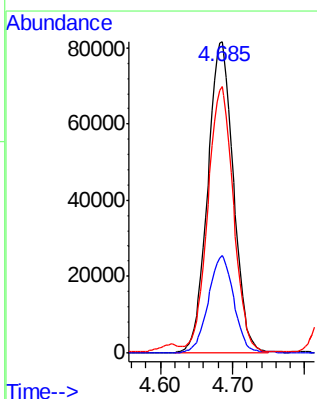
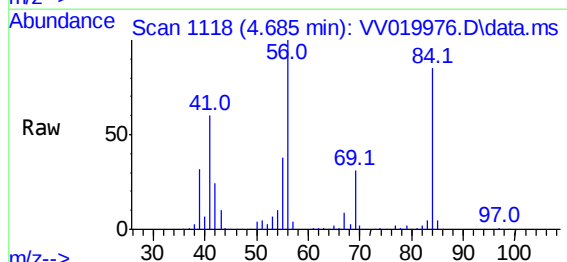
Instrument :
MSVOA_V
ClientSampled :
VSTD05099

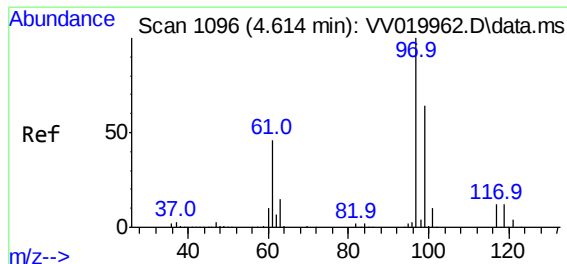
Tgt Ion: 62 Resp: 247766
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3



#29
Cyclohexane
Concen: 44.58 ug/L
RT: 4.685 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 56 Resp: 200752
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.2
84 85.2 66.3 99.5

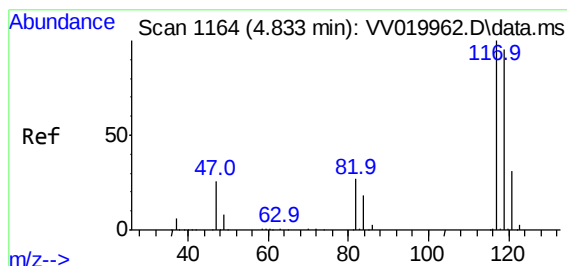
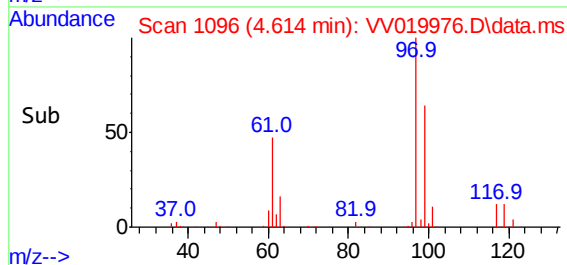
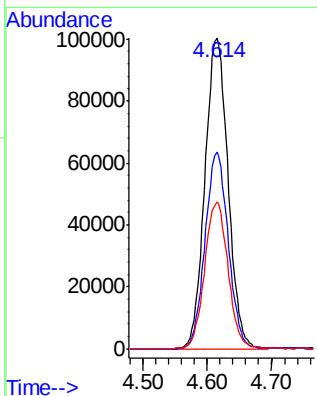
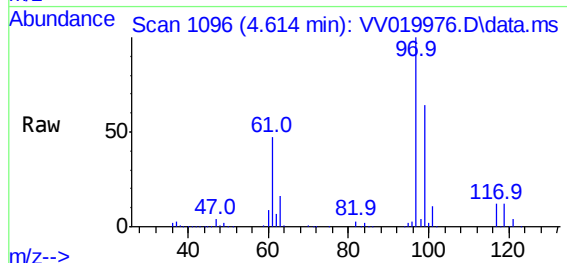




#30
1,1,1-Trichloroethane
Concen: 49.96 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

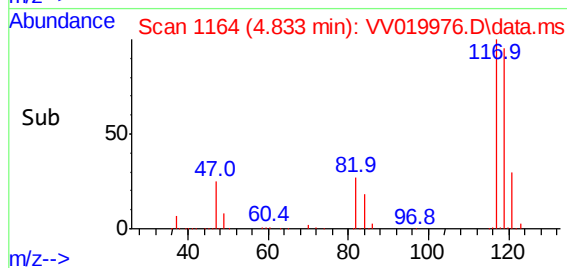
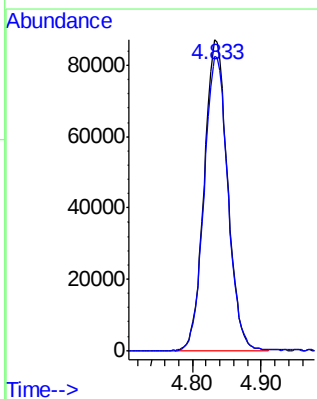
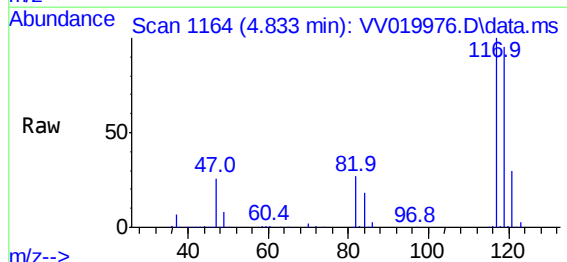
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

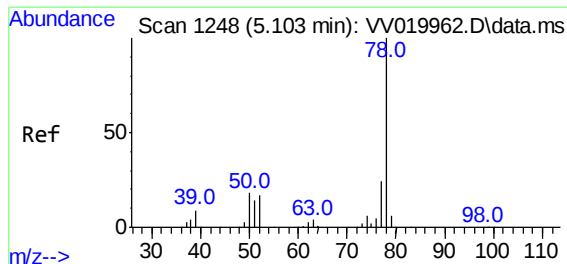
Tgt Ion: 97 Resp: 250319
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 47.8 38.5 57.7



#31
Carbon tetrachloride
Concen: 47.93 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 117 Resp: 204747
Ion Ratio Lower Upper
117 100
119 96.5 76.3 114.5

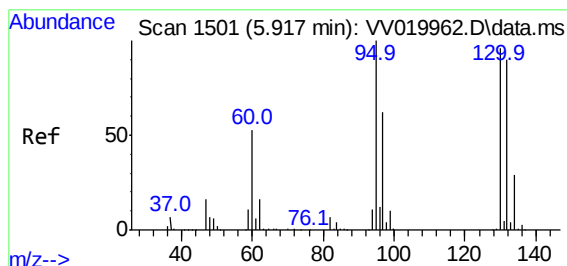
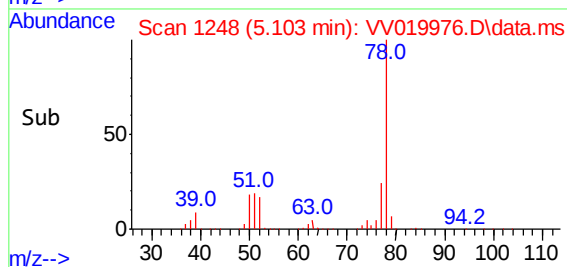
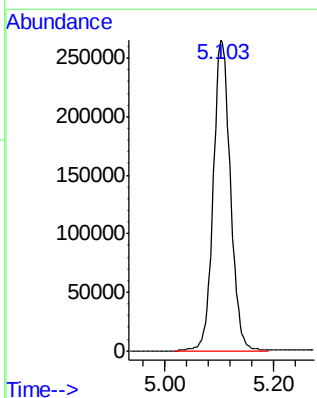
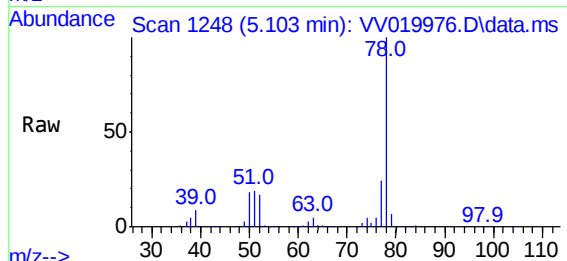




#33
Benzene
Concen: 52.12 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

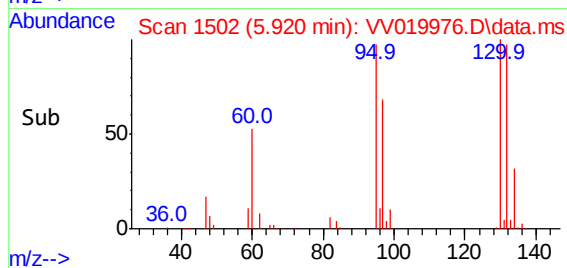
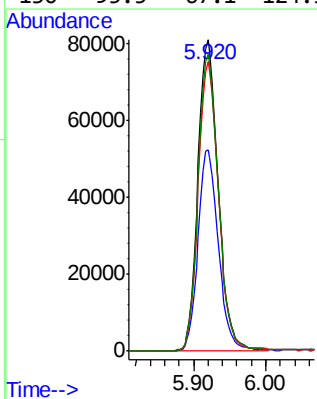
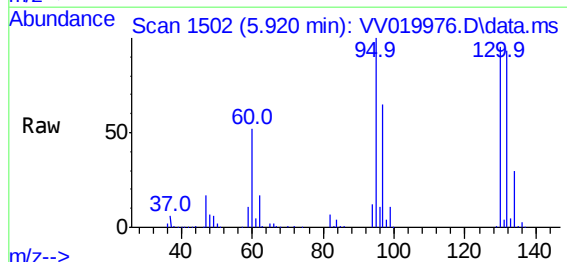
Tgt Ion: 78 Resp: 576313

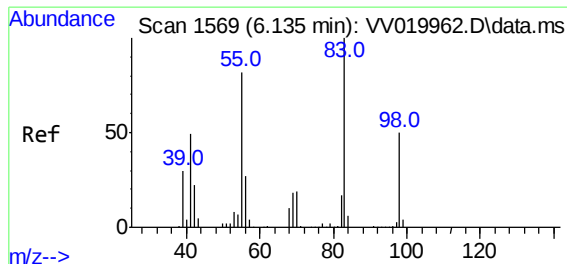


#34
Trichloroethene
Concen: 49.62 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 95 Resp: 157206

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.5	82.7
132	93.0	63.4	117.8
130	95.5	67.1	124.5

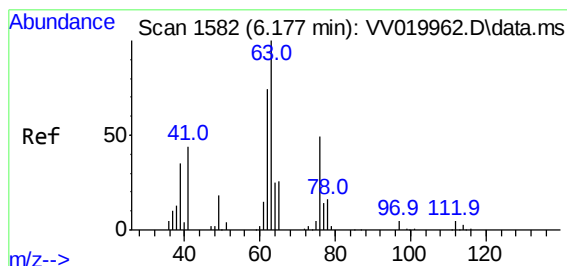
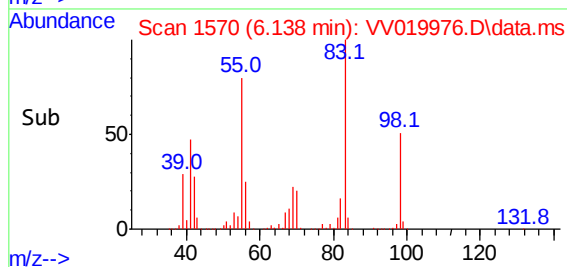
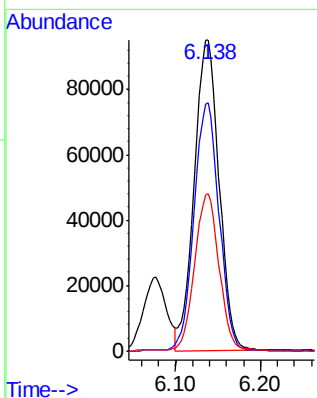
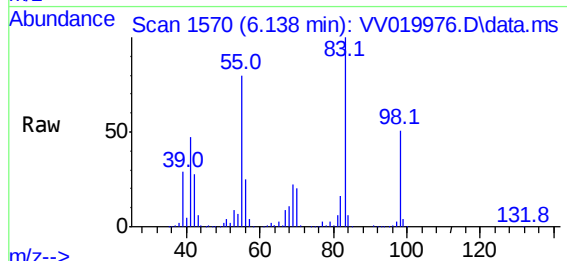




#35
Methylcyclohexane
Concen: 42.53 ug/L
RT: 6.138 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

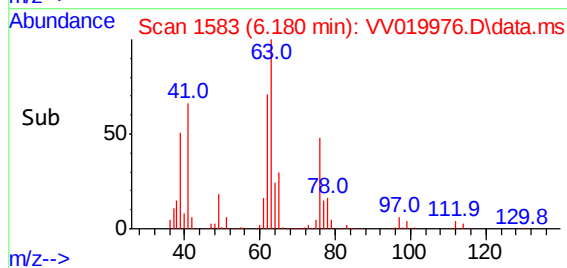
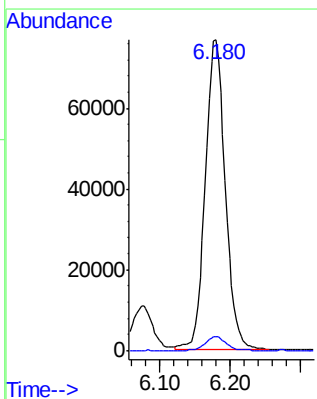
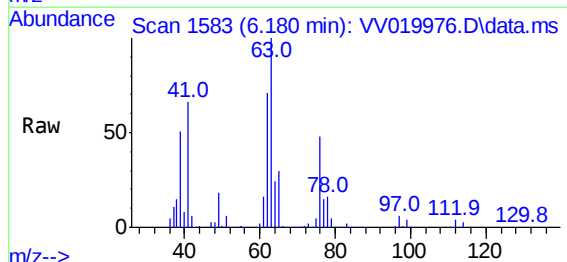
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

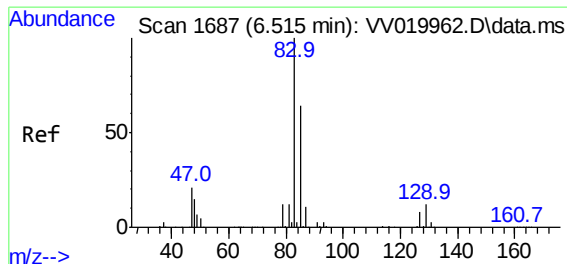
Tgt Ion: 83 Resp: 192566
Ion Ratio Lower Upper
83 100
55 79.9 65.1 97.7
98 49.8 38.2 57.2



#37
1,2-Dichloropropane
Concen: 52.59 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 63 Resp: 150834
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

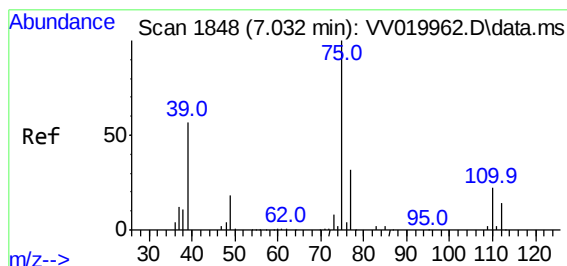
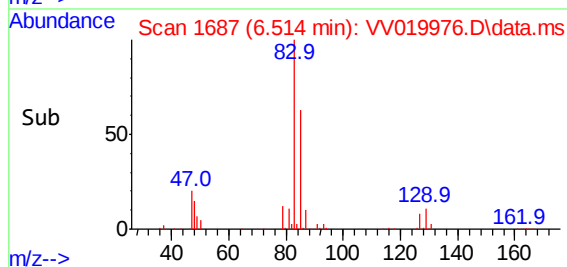
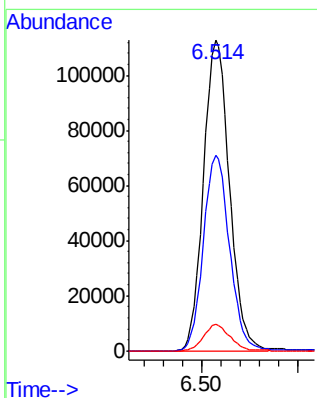
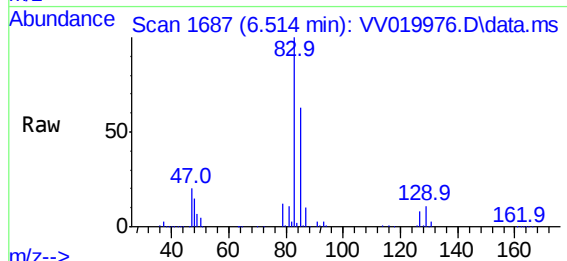




#38
Bromodichloromethane
Concen: 50.80 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

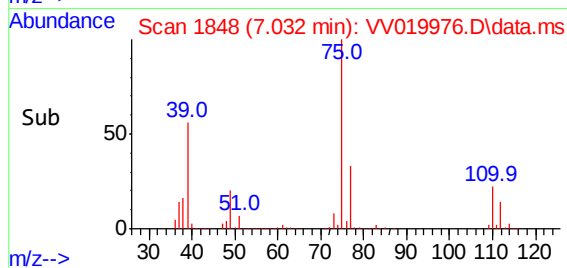
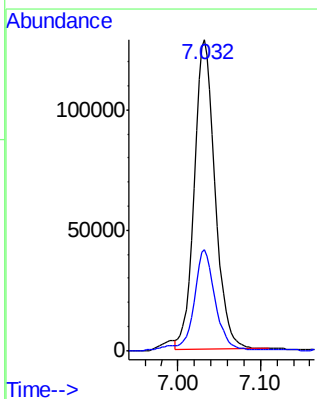
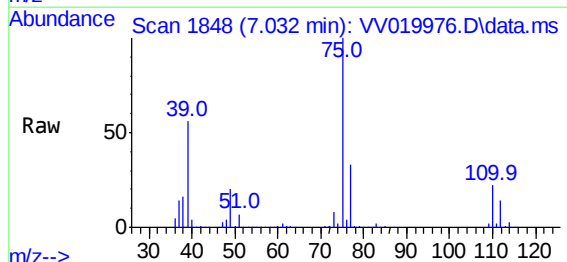
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

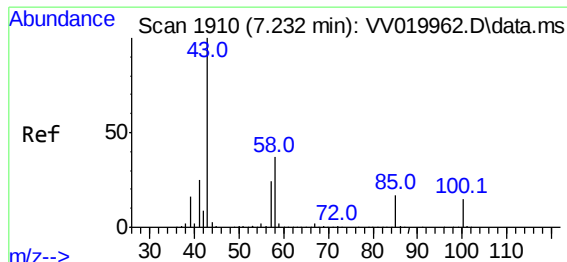
Tgt Ion: 83 Resp: 210462
Ion Ratio Lower Upper
83 100
85 63.1 44.5 82.7
127 8.4 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 50.75 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 75 Resp: 227905
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6



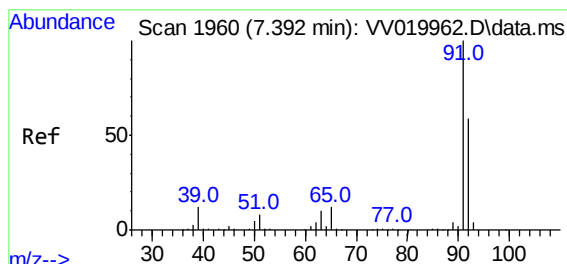
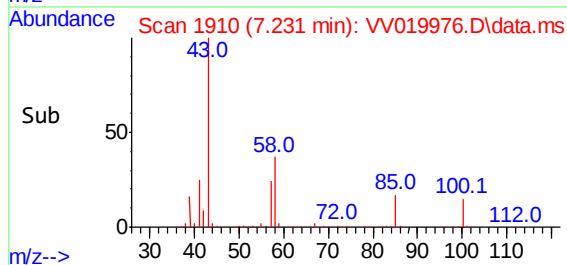
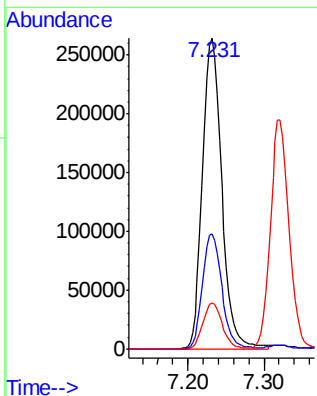
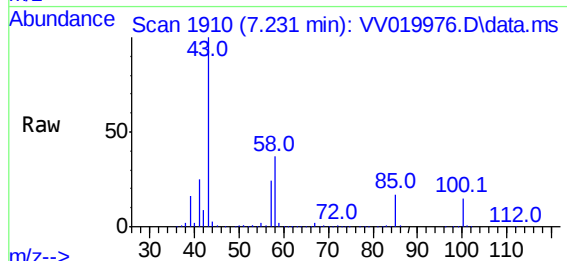


#40
4-Methyl-2-pentanone
Concen: 105.25 ug/L
RT: 7.231 min Scan# 1910
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

Tgt Ion: 43 Resp: 463825

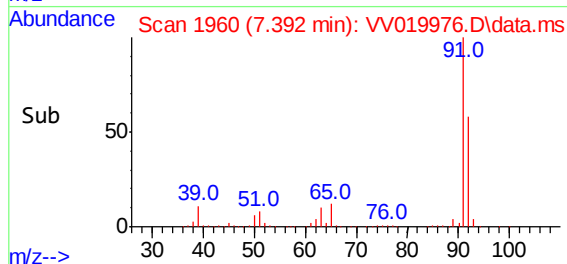
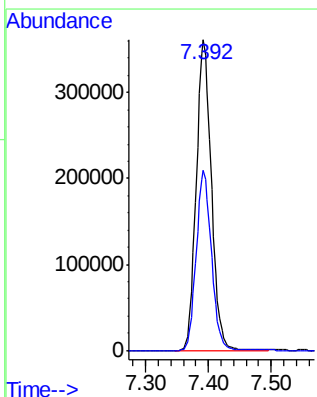
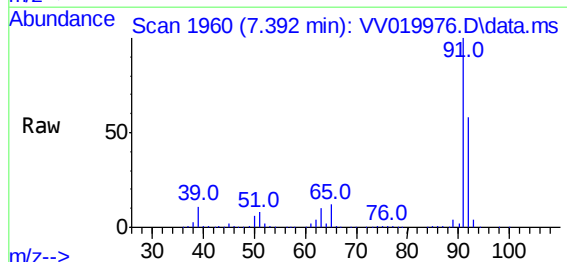
Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.7	46.1
100	14.7	11.6	17.4

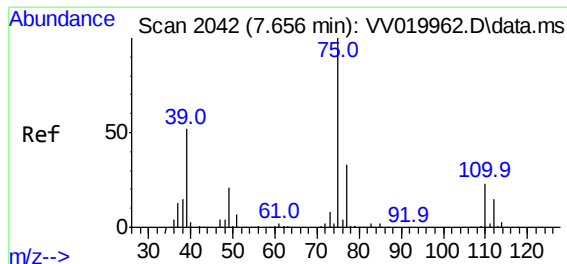


#42
Toluene
Concen: 51.39 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 91 Resp: 605035

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.7	75.7



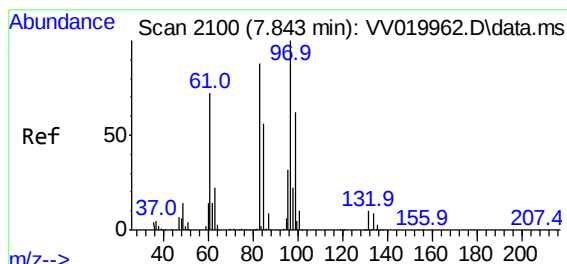
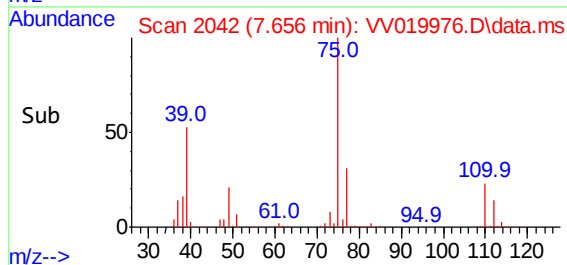
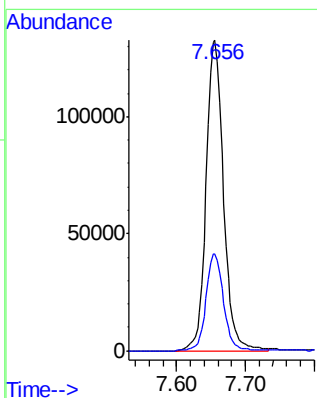
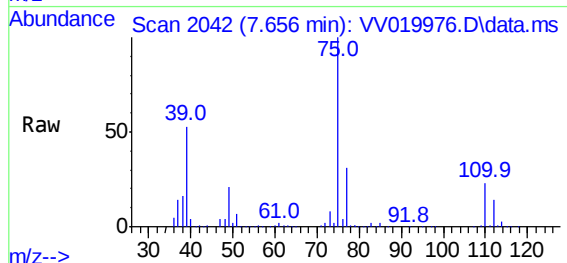


#44

trans-1,3-Dichloropropene
Concen: 50.82 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

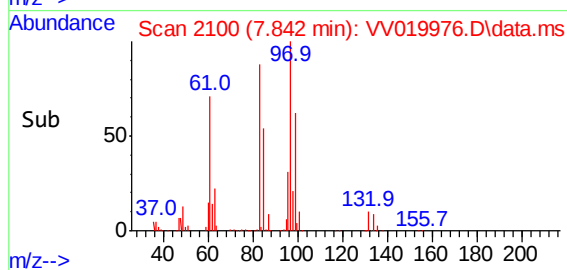
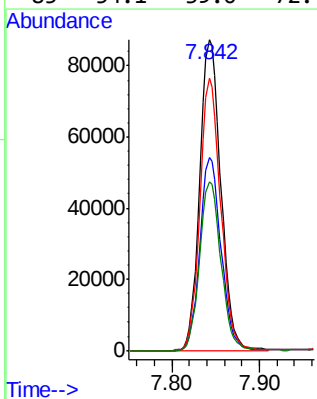
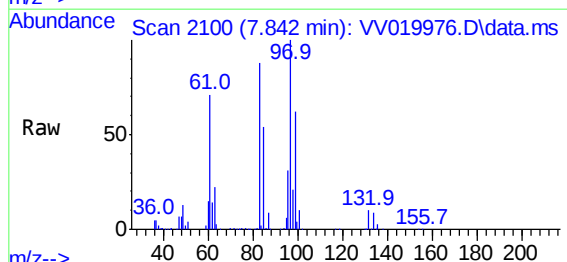
Tgt Ion: 75 Resp: 231537
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0

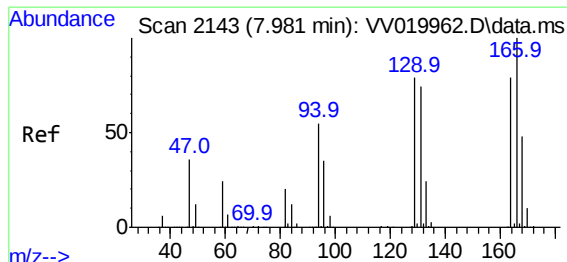


#45

1,1,2-Trichloroethane
Concen: 51.82 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 97 Resp: 146066
Ion Ratio Lower Upper
97 100
99 62.2 43.8 81.3
83 87.9 62.2 115.4
85 54.1 39.0 72.4

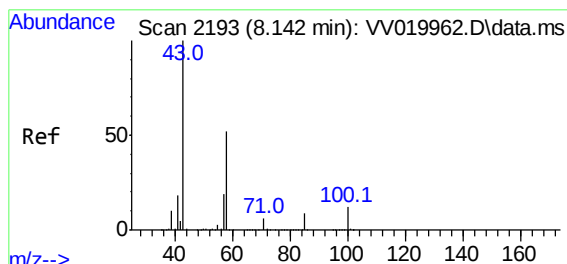
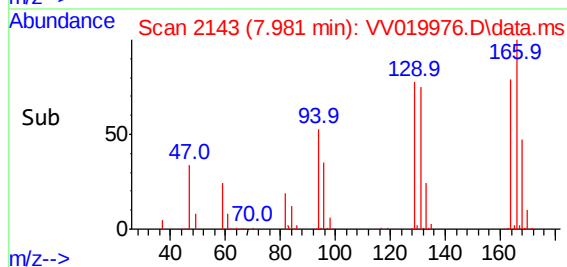
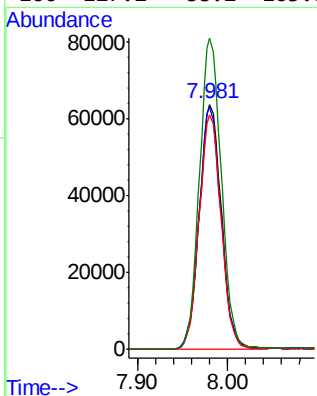
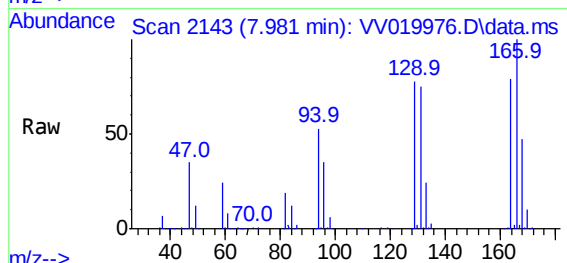




#46
Tetrachloroethene
Concen: 47.27 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

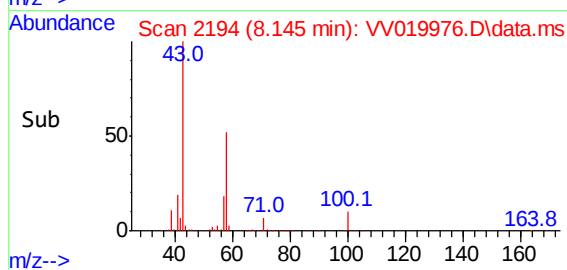
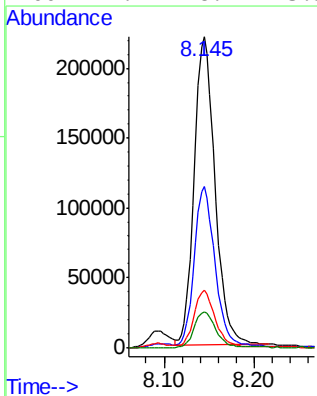
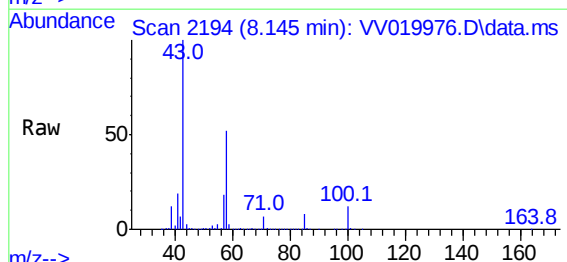
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

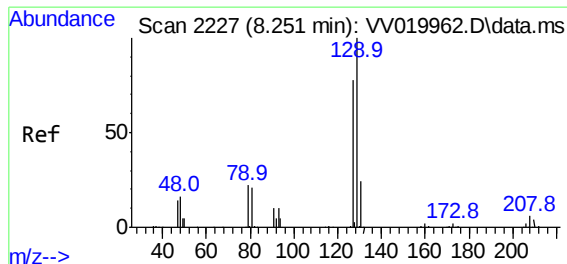
Tgt Ion:164 Resp: 107523
Ion Ratio Lower Upper
164 100
129 99.0 70.6 131.0
131 95.9 66.8 124.0
166 127.2 88.2 163.8



#48
2-Hexanone
Concen: 102.42 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 43 Resp: 355039
Ion Ratio Lower Upper
43 100
58 51.8 41.8 62.6
57 18.6 15.0 22.4
100 11.9 8.9 13.3

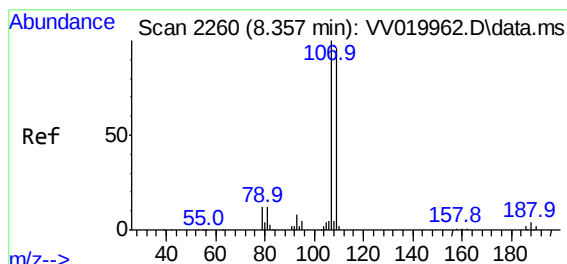
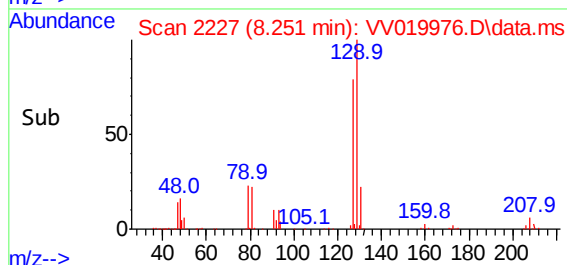
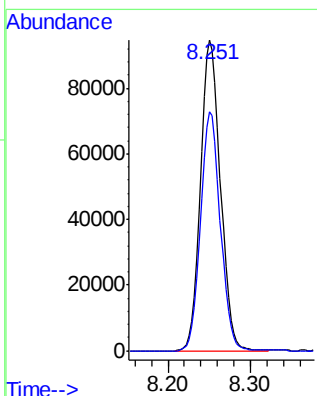
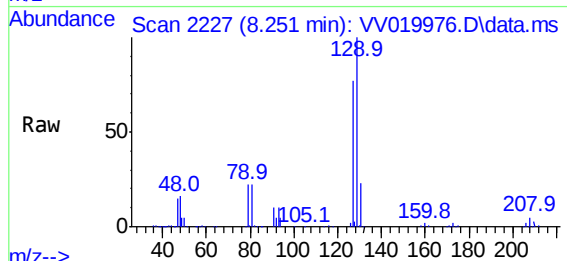




#49
Dibromochloromethane
Concen: 51.16 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

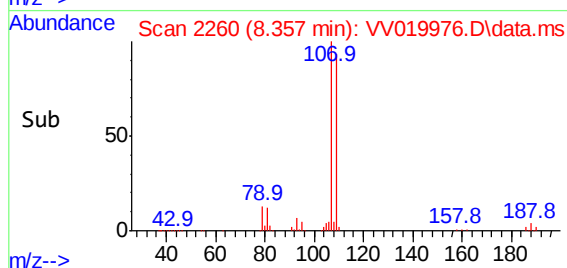
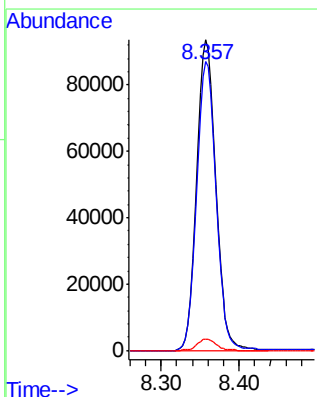
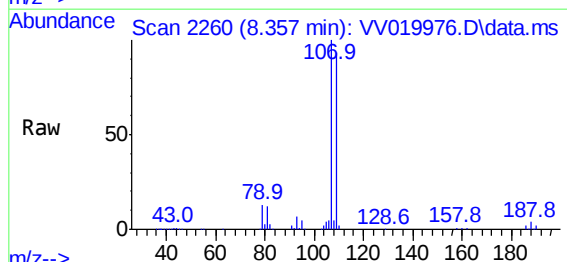
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

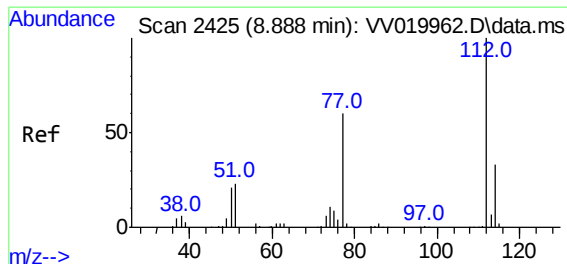
Tgt Ion:129 Resp: 159261
Ion Ratio Lower Upper
129 100
127 77.0 55.2 102.6



#50
1,2-Dibromoethane
Concen: 52.23 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:107 Resp: 157979
Ion Ratio Lower Upper
107 100
109 93.2 66.2 123.0
188 3.6 2.6 3.8

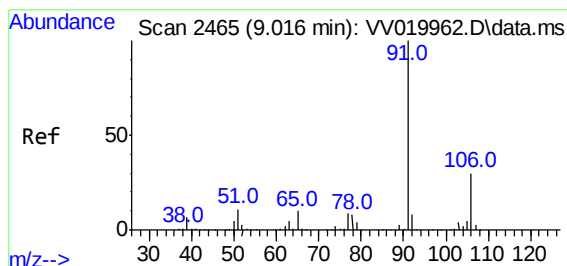
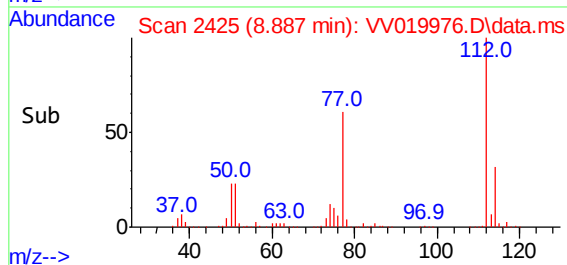
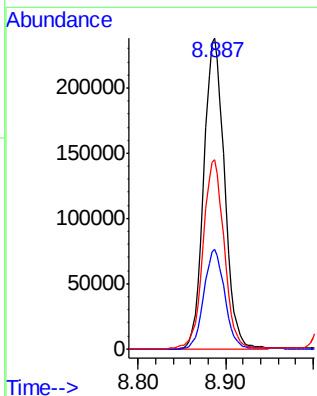
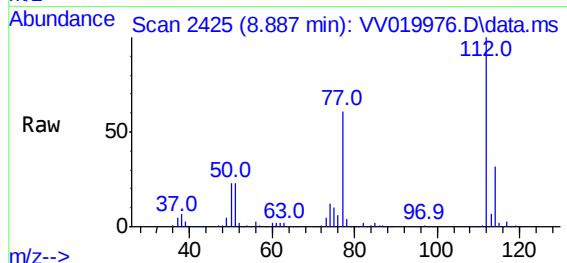




#51
Chlorobenzene
Concen: 50.06 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

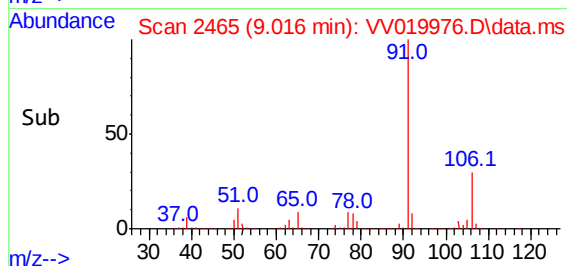
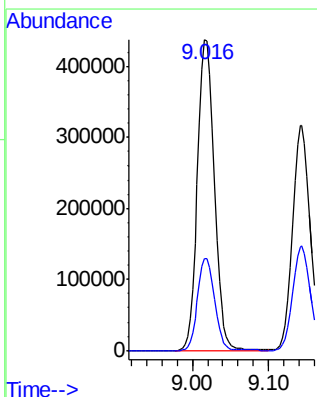
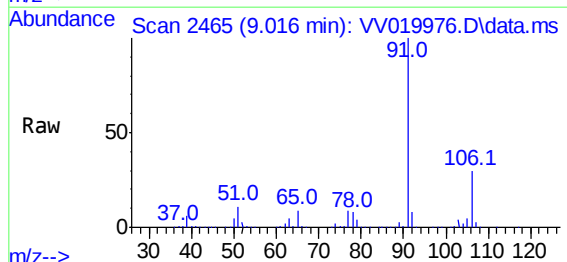
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

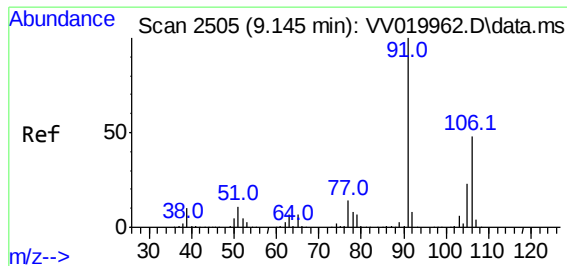
Tgt Ion:112 Resp: 390394
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 60.7 49.0 73.6



#52
Ethylbenzene
Concen: 50.22 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 91 Resp: 671518
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0

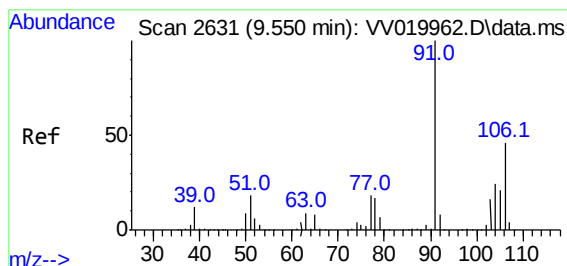
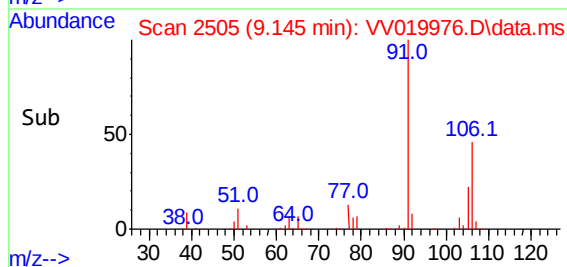
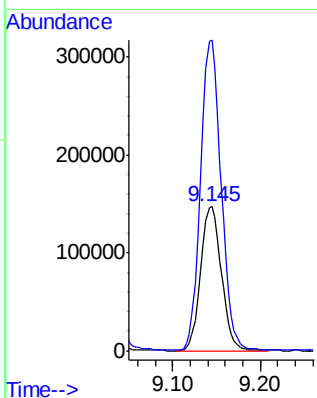
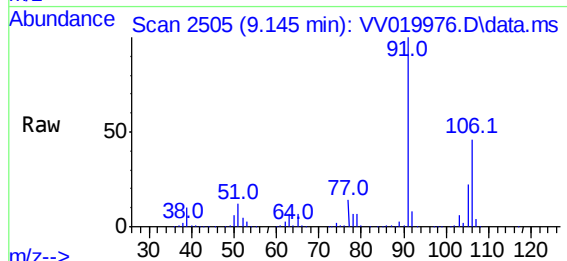




#53
m,p-Xylene
Concen: 49.43 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

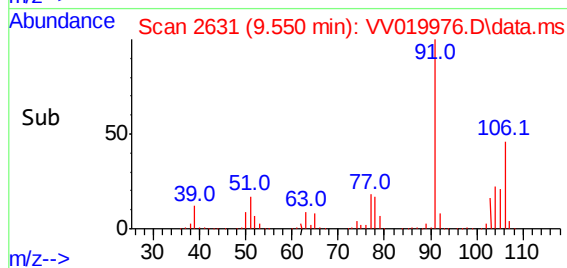
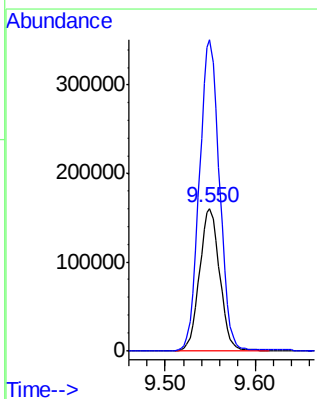
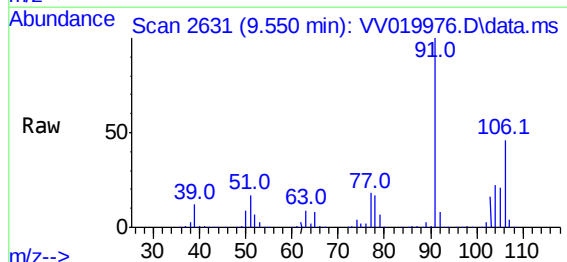
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

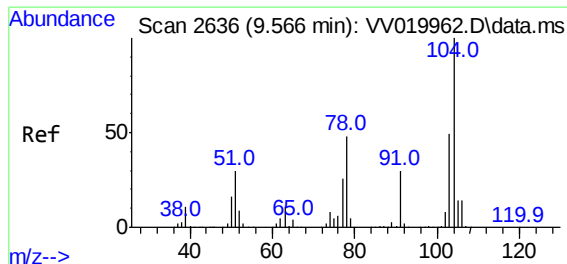
Tgt Ion:106 Resp: 241408
Ion Ratio Lower Upper
106 100
91 215.4 148.1 275.0



#54
o-xylene
Concen: 50.89 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:106 Resp: 244707
Ion Ratio Lower Upper
106 100
91 218.8 156.4 290.6

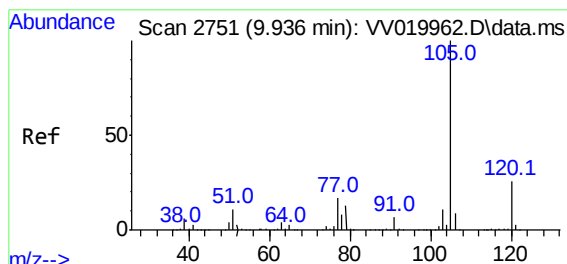
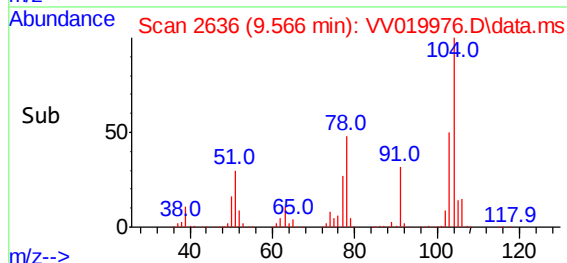
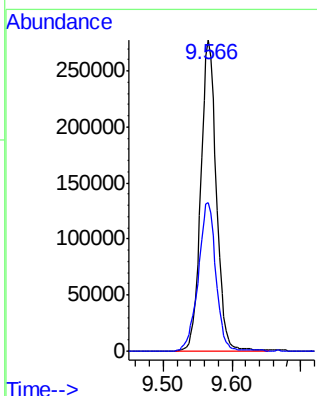
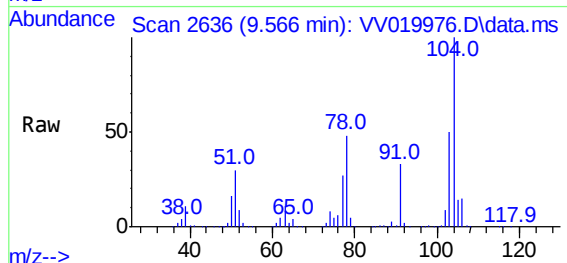




#55
Styrene
Concen: 52.26 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

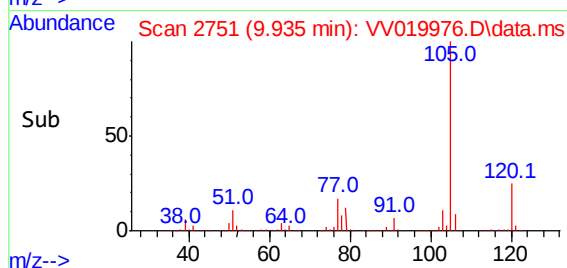
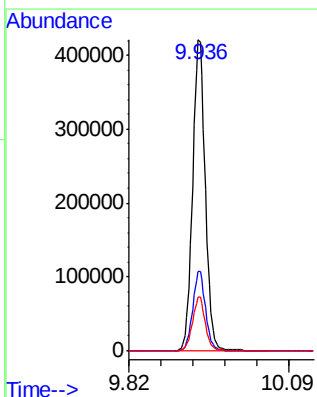
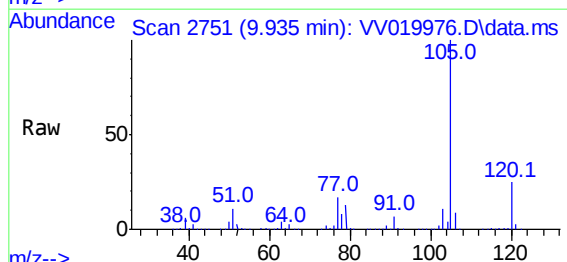
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

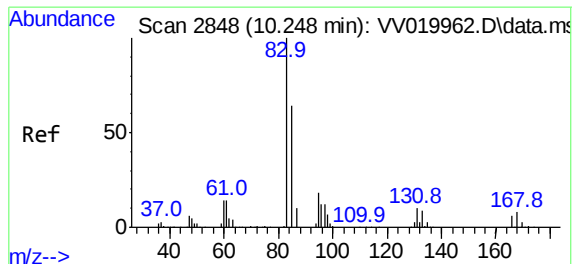
Tgt Ion:104 Resp: 434421
Ion Ratio Lower Upper
104 100
78 47.9 33.7 62.5



#56
Isopropylbenzene
Concen: 49.07 ug/L
RT: 9.935 min Scan# 2751
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:105 Resp: 638243
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 17.1 13.6 20.4



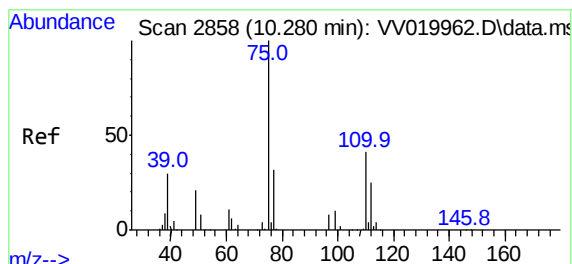
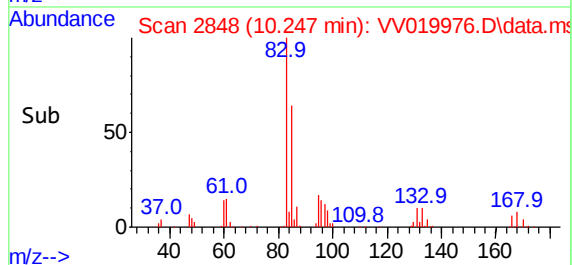
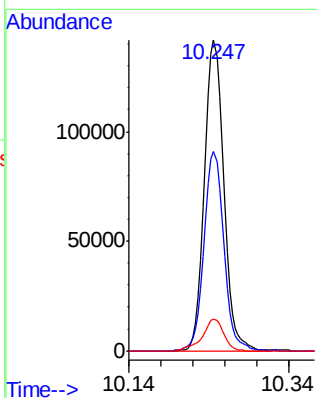
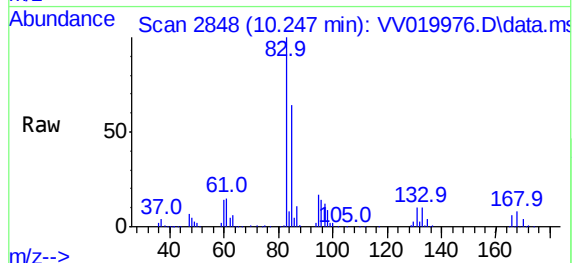


#58
 1,1,2,2-Tetrachloroethane
 Concen: 51.73 ug/L
 RT: 10.247 min Scan# 2848
 Delta R.T. -0.001 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Tgt Ion: 83 Resp: 228299

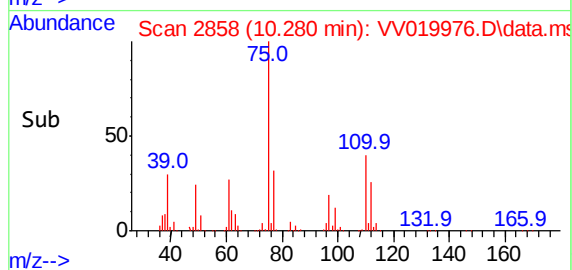
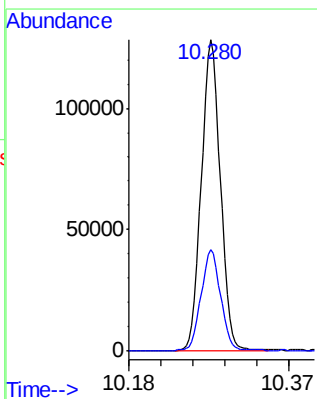
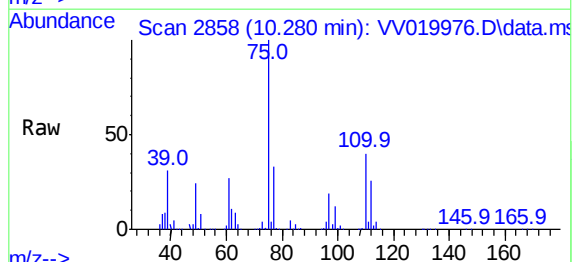
Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.3	82.3
131	10.0	7.3	10.9

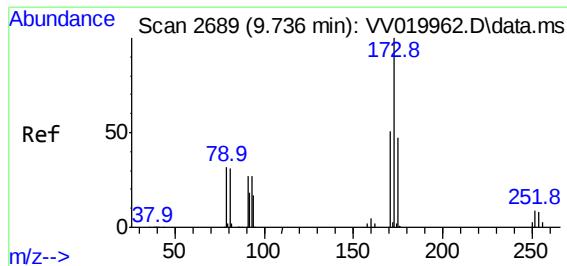


#59
 1,2,3-Trichloropropane
 Concen: 51.00 ug/L
 RT: 10.280 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Tgt Ion: 75 Resp: 198921

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.4	38.0

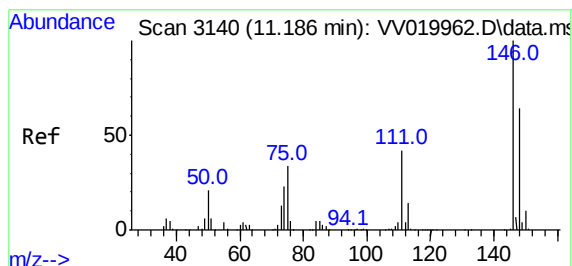
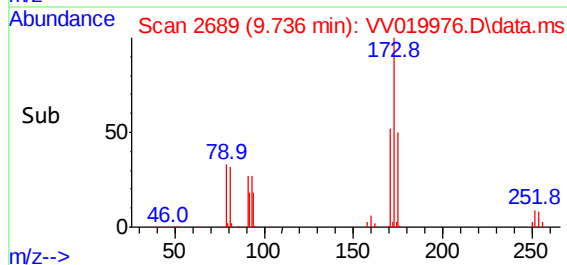
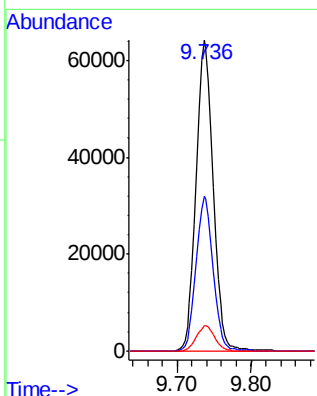
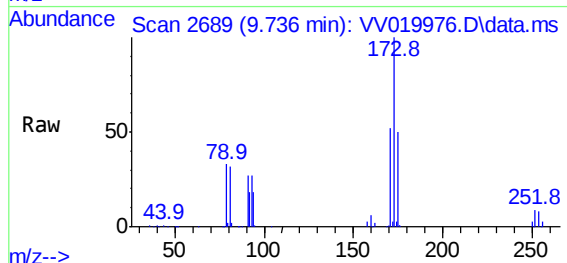




#61
Bromoform
Concen: 49.74 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

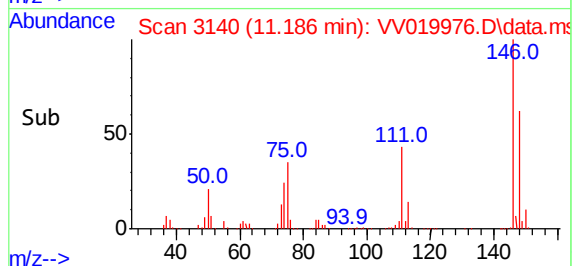
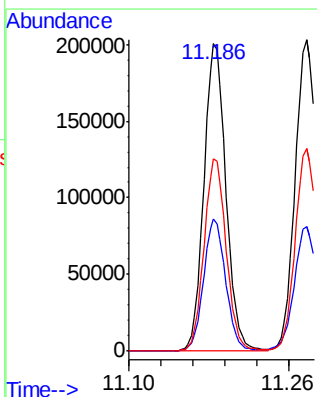
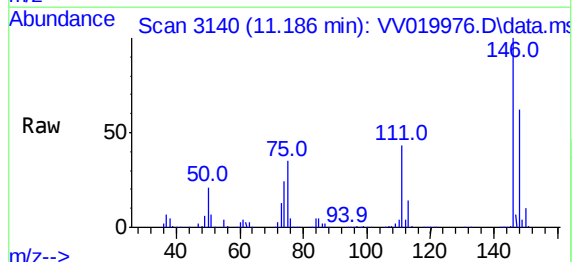
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

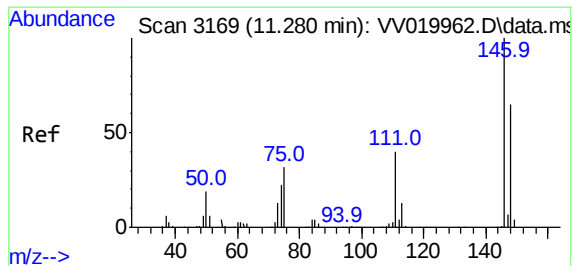
Tgt Ion:173 Resp: 103453
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 8.4 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 49.89 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:146 Resp: 305804
Ion Ratio Lower Upper
146 100
111 42.8 30.2 56.2
148 62.4 45.0 83.6

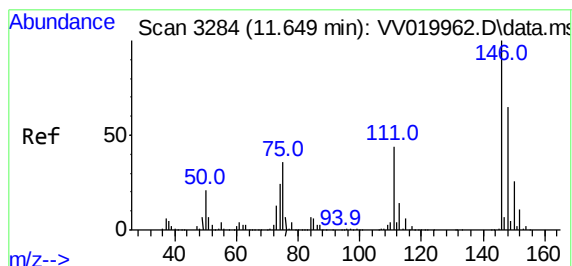
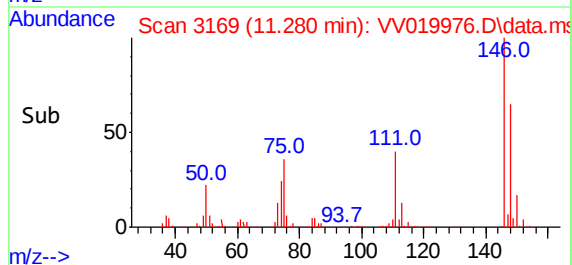
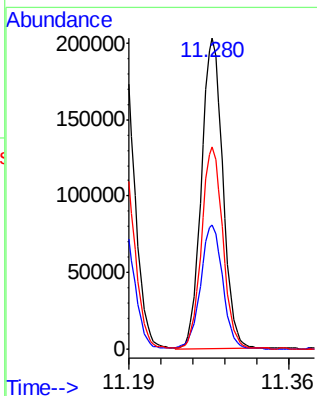
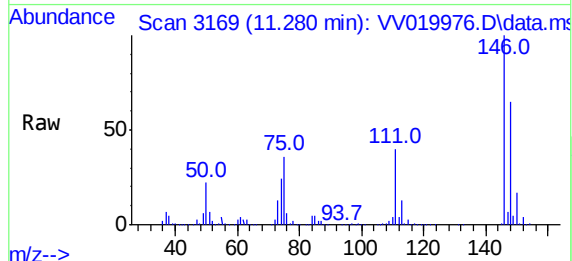




#63
1,4-Dichlorobenzene
Concen: 49.41 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

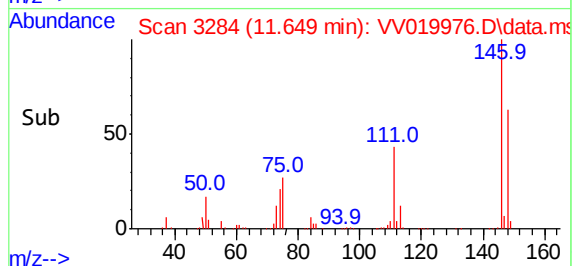
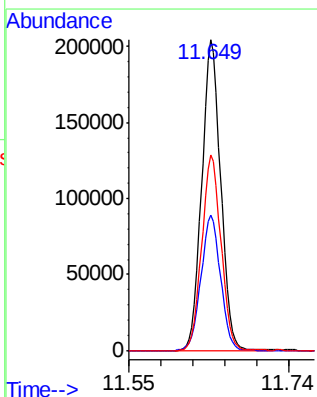
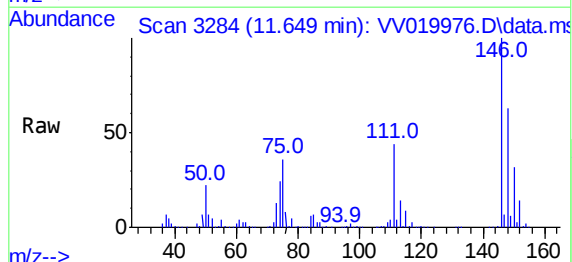
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

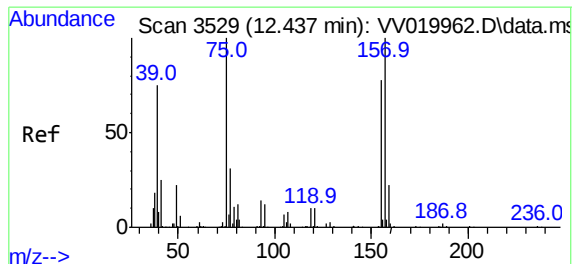
Tgt Ion:146 Resp: 310817
Ion Ratio Lower Upper
146 100
111 40.0 29.4 54.6
148 64.8 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 50.93 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion:146 Resp: 314553
Ion Ratio Lower Upper
146 100
111 43.6 36.3 54.5
148 62.8 51.7 77.5

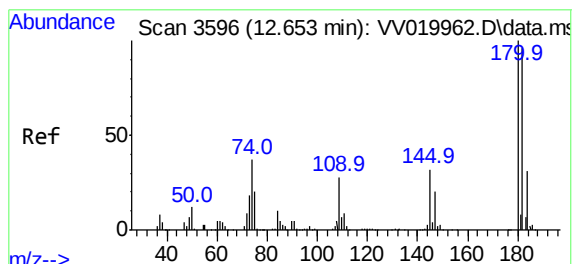
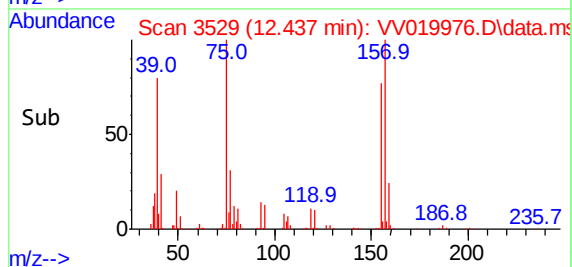
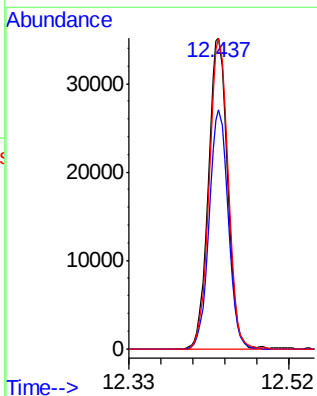
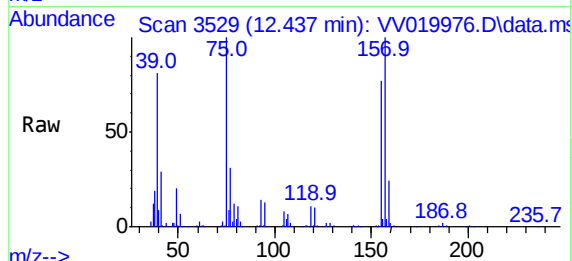




#66
1,2-Dibromo-3-chloropropane
Concen: 51.04 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

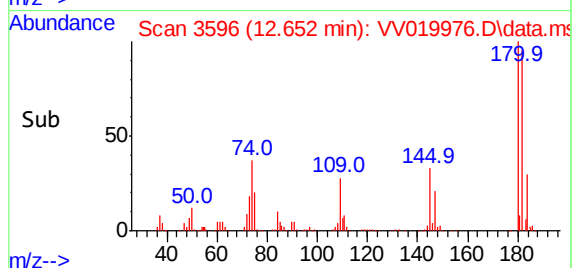
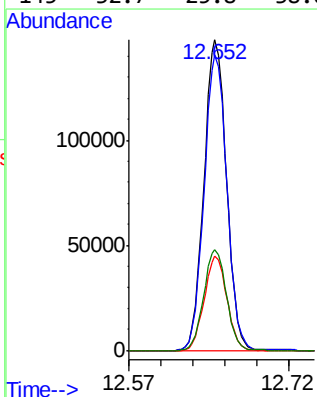
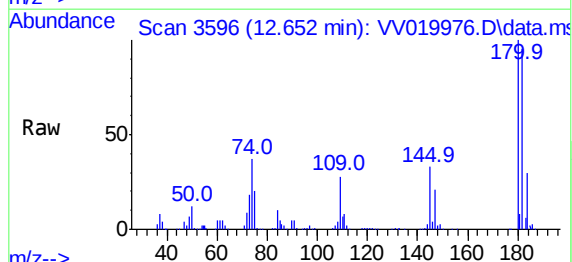
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

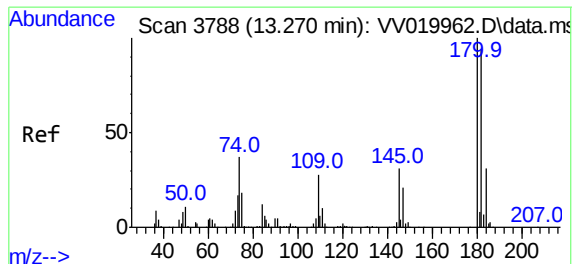
Tgt Ion: 75 Resp: 54826
Ion Ratio Lower Upper
75 100
155 76.8 59.1 88.7
157 100.0 75.4 113.0



#67
1,3,5-Trichlorobenzene
Concen: 48.57 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. -0.001 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

Tgt Ion: 180 Resp: 223590
Ion Ratio Lower Upper
180 100
182 96.4 75.0 112.6
184 30.6 24.0 36.0
145 32.7 25.8 38.6

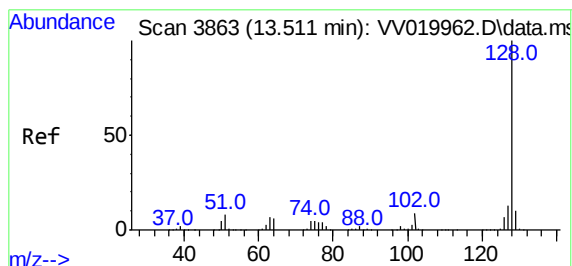
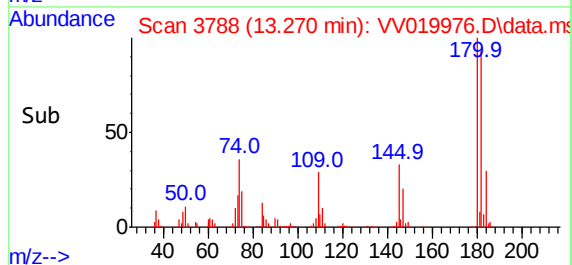
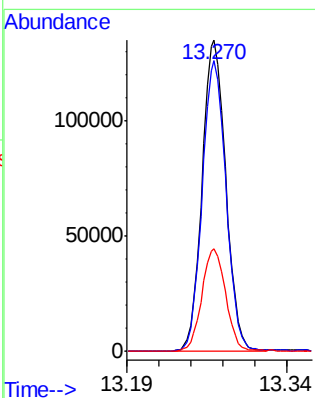
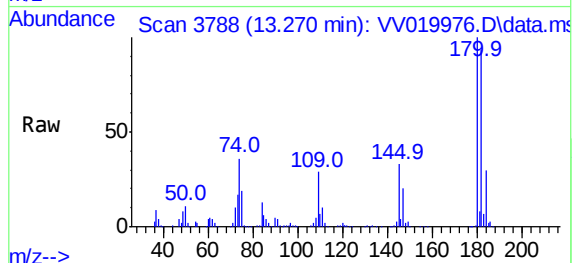




#68
1,2,4-trichlorobenzene
Concen: 50.39 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

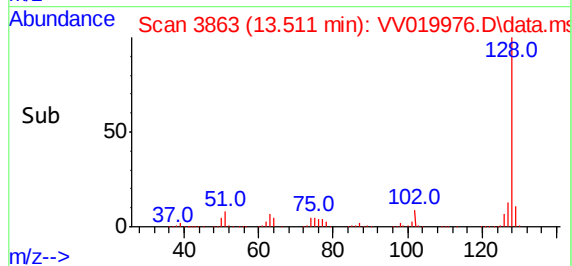
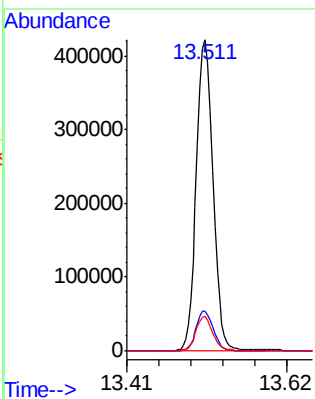
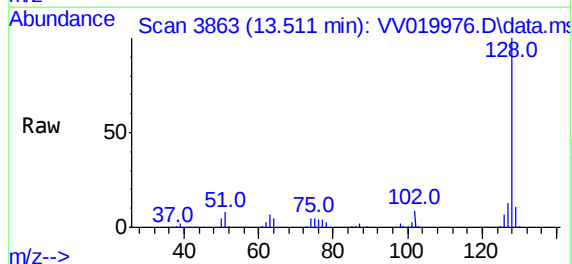
Instrument :
MSVOA_V
ClientSampleId :
VSTD05099

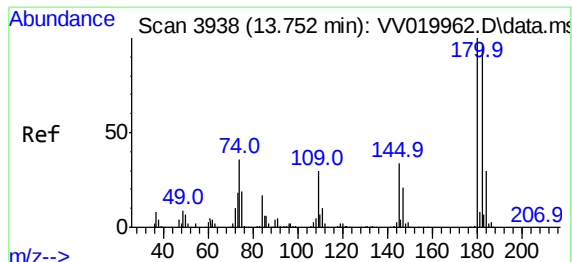
Tgt Ion:180 Resp: 205105
Ion Ratio Lower Upper
180 100
182 93.9 75.1 112.7
145 33.0 26.8 40.2



#69
Naphthalene
Concen: 54.06 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV019976.D
Acq: 11 Jan 2021 19:02

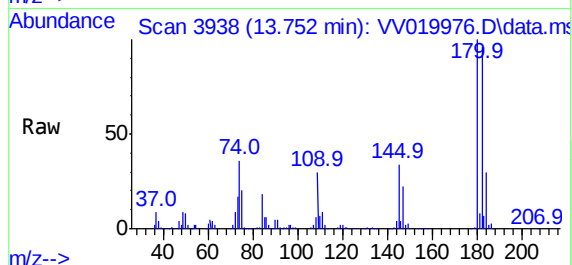
Tgt Ion:128 Resp: 636463
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 51.74 ug/L
 RT: 13.752 min Scan# 3938
 Delta R.T. 0.000 min
 Lab File: VV019976.D
 Acq: 11 Jan 2021 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099



Tgt Ion:180 Resp: 204427

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
145	34.0	27.9	41.9

