

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022321\
 Data File : VW020378.D
 Acq On : 23 Feb 2021 12:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Feb 24 01:24:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 24 01:23:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	333569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	319695	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	175352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94919	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.80%		
7) Chloroethane-d5	1.568	69	76949	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.40%		
11) 1,1-Dichloroethene-d2	2.108	63	188788	4.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	82.60%		
20) 2-Butanone-d5	3.896	46	172313	42.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.70%		
24) Chloroform-d	4.349	84	176707	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.20%		
26) 1,2-Dichloroethane-d4	5.034	65	84082	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.40%		
32) Benzene-d6	5.050	84	344454	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.00%		
36) 1,2-Dichloropropane-d6	6.072	67	99206	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.60%		
41) Toluene-d8	7.317	98	336612	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.20%		
45) trans-1,3-Dichloroprop...	7.625	79	37530	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.80%		
48) 2-Hexanone-d5	8.092	63	136195	42.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.76%		
59) 1,1,2,2-Tetrachloroeth...	10.220	84	69501	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.60%		
65) 1,2-Dichlorobenzene-d4	11.632	152	132991	4.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	186678	4.49	ug/L	98
3) Chloromethane	1.240	50	153263	4.18	ug/L	97
5) Vinyl chloride	1.311	62	168482	4.31	ug/L	100
6) Bromomethane	1.520	94	104494	4.13	ug/L	99
8) Chloroethane	1.584	64	99326	4.21	ug/L	95
9) Trichlorofluoromethane	1.751	101	243799	4.44	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	134876	4.62	ug/L	100
12) 1,1-Dichloroethene	2.118	96	123637	4.36	ug/L	81
13) Acetone	2.188	43	148474	40.25	ug/L #	34
14) Carbon disulfide	2.291	76	371048	4.24	ug/L	98
15) Methyl Acetate	2.439	43	34680	3.88	ug/L	90
16) Methylene chloride	2.507	84	126965	4.15	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	238150	4.07	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	127399	4.28	ug/L	97
19) 1,1-Dichloroethane	3.188	63	221921	4.24	ug/L	98
21) 2-Butanone	3.976	43	231755	41.20	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	131338	4.25	ug/L	96
23) Bromochloromethane	4.246	128	57898	4.29	ug/L	86
25) Chloroform	4.375	83	237163	4.28	ug/L	97
27) 1,2-Dichloroethane	5.134	62	127463	4.01	ug/L	98

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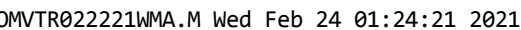
Instrument :
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 ClientSampleId :
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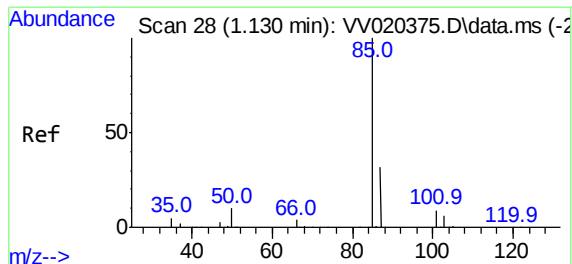
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.606	97	207321	4.34	ug/L	99
30) Cyclohexane	4.677	56	196213	4.58	ug/L	97
31) Carbon tetrachloride	4.828	117	182675	4.48	ug/L	100
33) Benzene	5.098	78	505183	4.36	ug/L	100
34) Trichloroethene	5.915	95	138014	4.25	ug/L	99
35) Methylcyclohexane	6.133	83	217913	4.63	ug/L	97
37) 1,2-Dichloropropane	6.175	63	119851	4.34	ug/L	98
38) Bromodichloromethane	6.510	83	152233	4.24	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	166040	4.28	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	561953	41.04	ug/L	95
42) Toluene	7.391	91	561680	4.47	ug/L	97
43) 1,3,5-Trimethylbenzene	10.545	105	506310	4.56	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	524839	4.64	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	135375	4.28	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	83394	4.18	ug/L	91
49) Tetrachloroethene	7.976	164	120466	4.48	ug/L	95
50) 2-Hexanone	8.140	43	399526	41.62	ug/L	93
51) Dibromochloromethane	8.249	129	98411	4.24	ug/L	97
52) 1,2-Dibromoethane	8.355	107	77958	4.31	ug/L	98
53) Chlorobenzene	8.886	112	359025	4.33	ug/L	99
54) Ethylbenzene	9.014	91	614959	4.47	ug/L	100
55) m,p-xylene	9.143	106	235186	4.54	ug/L	100
56) o-xylene	9.548	106	222510	4.47	ug/L	95
57) Styrene	9.564	104	381475	4.56	ug/L	95
58) Isopropylbenzene	9.937	105	616534	4.56	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.246	83	86383	4.08	ug/L	98
62) Bromoform	9.738	173	50663	4.11	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	301669	4.31	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	300945	4.23	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	271925	4.27	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	12879	4.12	ug/L	94
68) 1,3,5-Trichlorobenzene	12.651	180	247345	4.35	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	197031	4.36	ug/L	97
70) Naphthalene	13.509	128	263013	4.18	ug/L	98
71) 1,2,3-Trichlorobenzene	13.751	180	171635	4.36	ug/L	98

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

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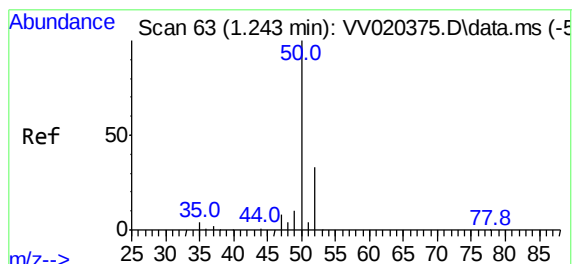
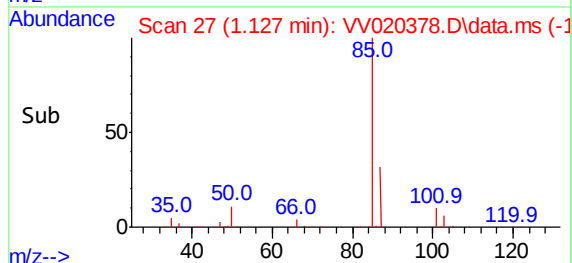
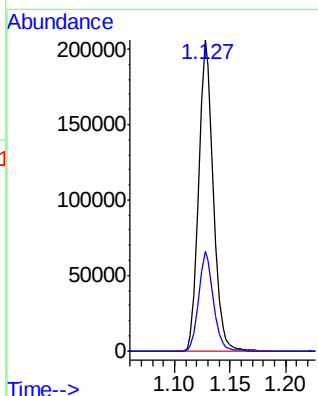
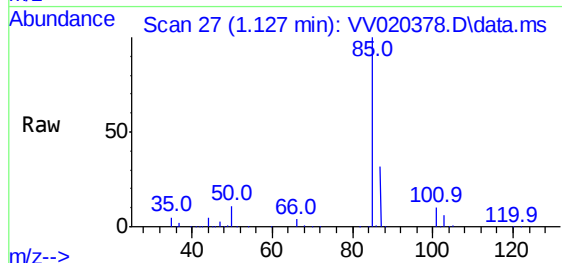




#2
Dichlorodifluoromethane
Concen: 4.49 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

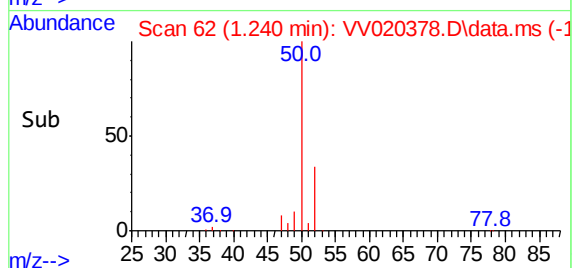
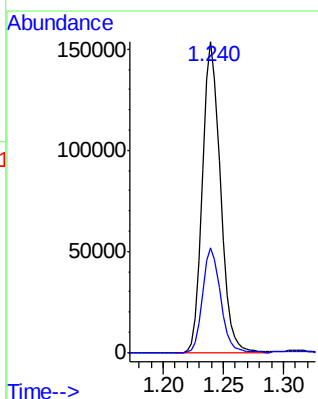
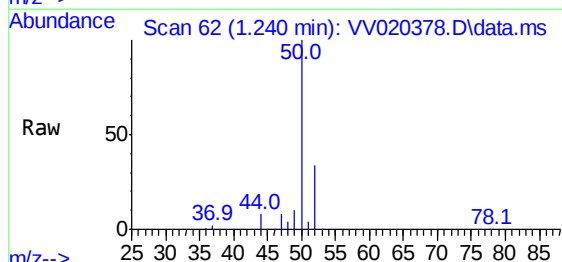
Instrument :
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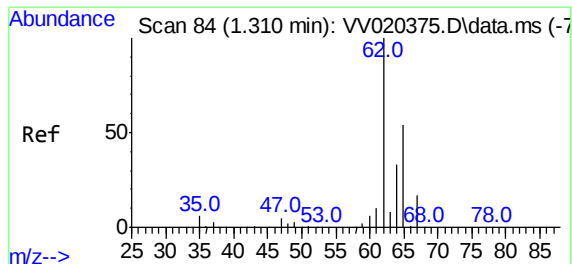
Tgt Ion: 85 Resp: 186678
Ion Ratio Lower Upper
85 100
87 32.0 26.4 39.6



#3
Chloromethane
Concen: 4.18 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 50 Resp: 153263
Ion Ratio Lower Upper
50 100
52 33.8 25.1 46.5

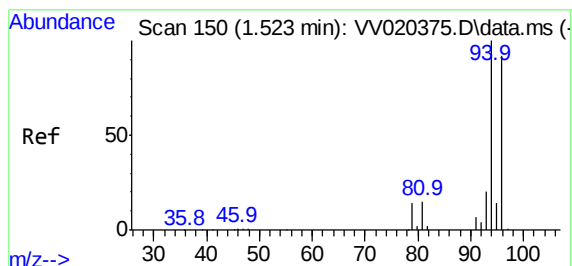
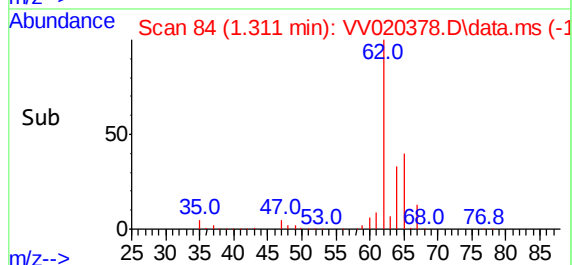
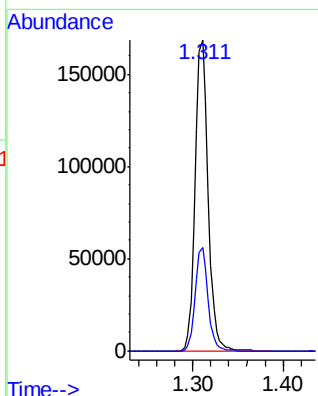
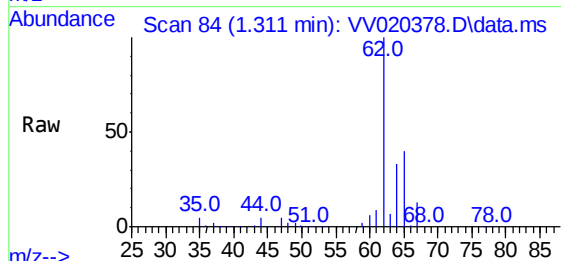




#5
 Vinyl chloride
 Concen: 4.31 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

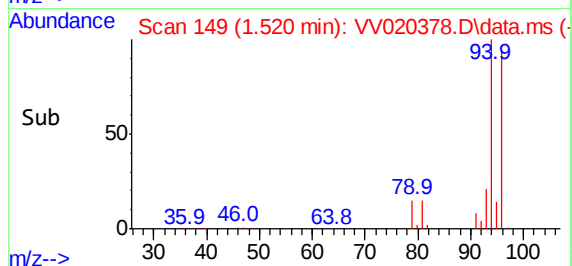
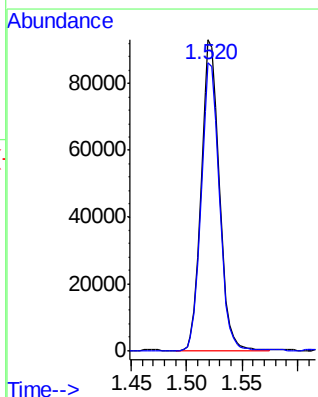
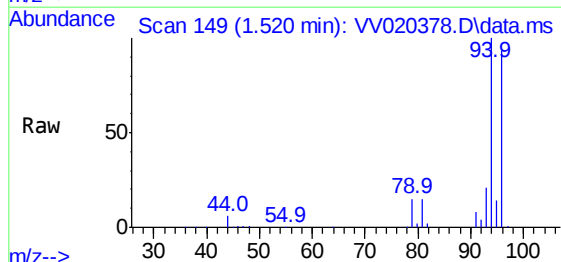
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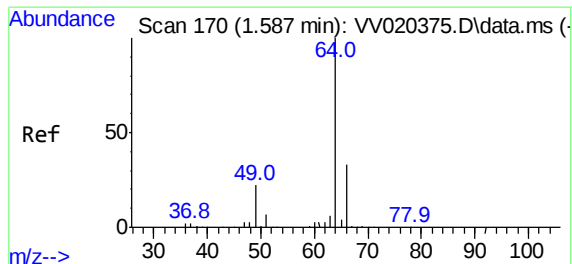
Tgt Ion: 62 Resp: 168482
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.8



#6
 Bromomethane
 Concen: 4.13 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

Tgt Ion: 94 Resp: 104494
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.9 122.5

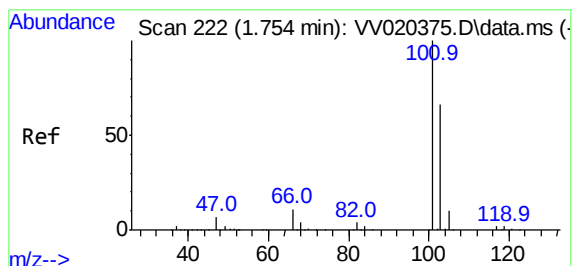
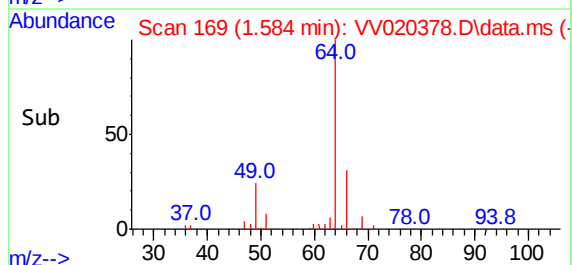
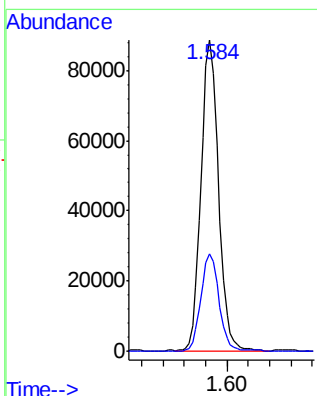
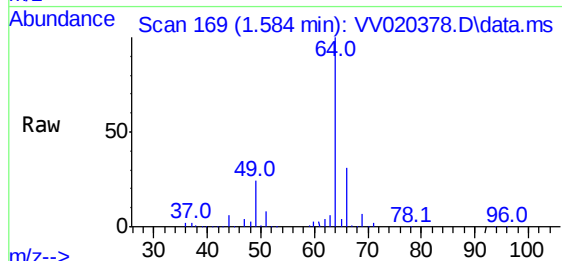




#8
Chloroethane
Concen: 4.21 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

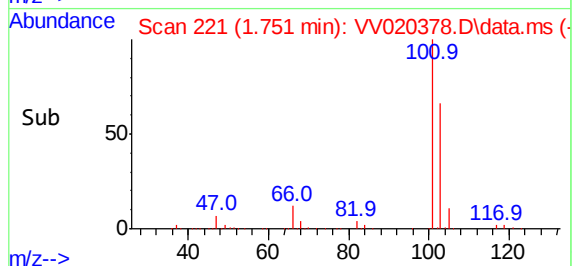
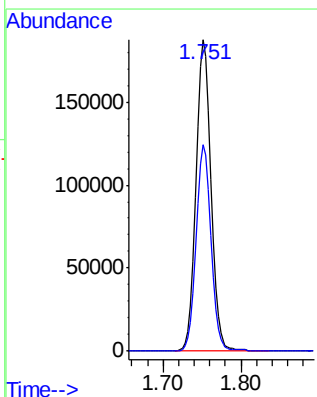
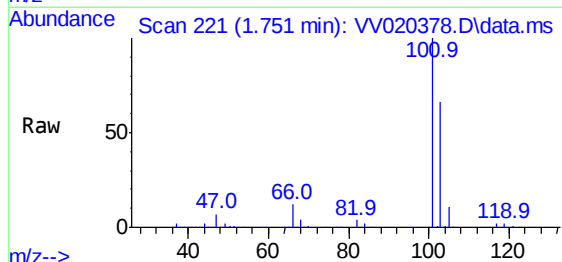
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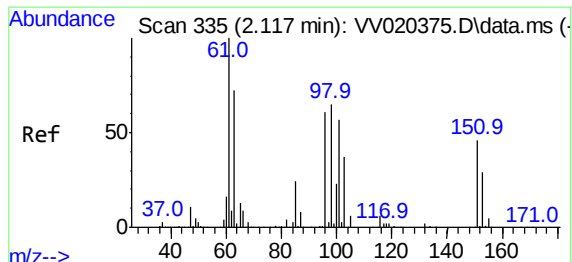
Tgt Ion: 64 Resp: 99326
Ion Ratio Lower Upper
64 100
66 31.4 24.0 44.6



#9
Trichlorofluoromethane
Concen: 4.44 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:101 Resp: 243799
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5

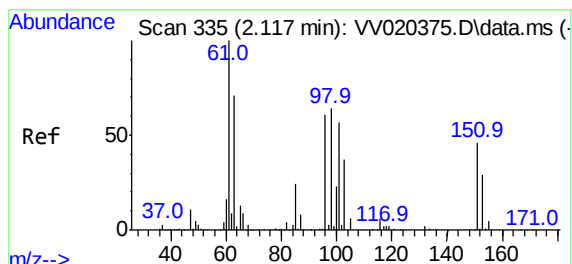
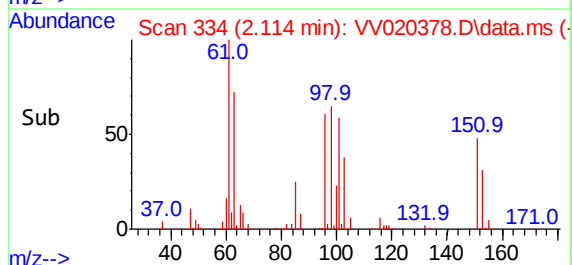
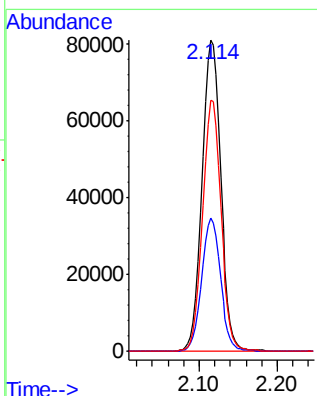
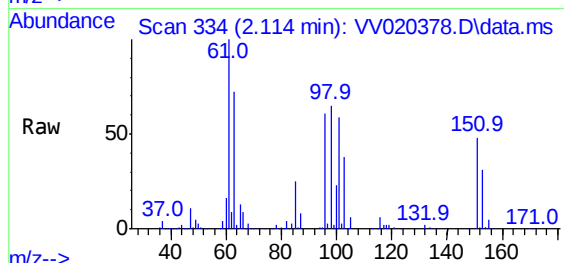




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.62 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

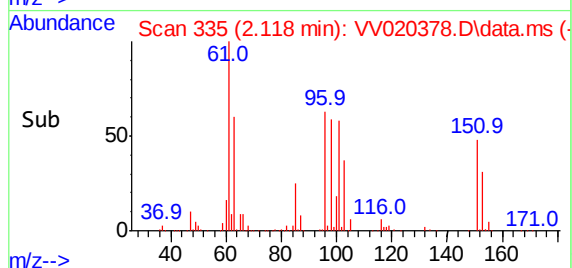
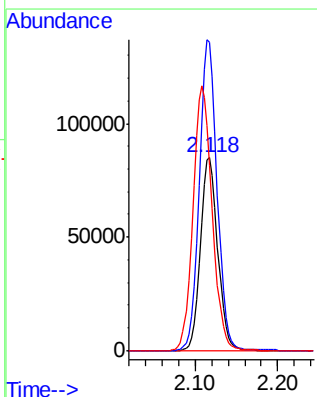
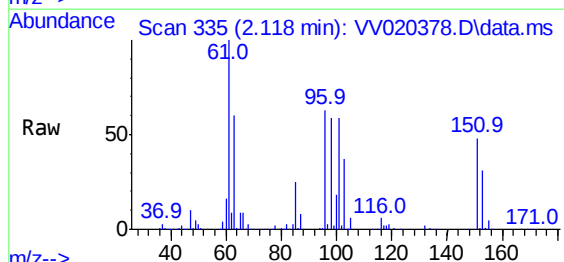
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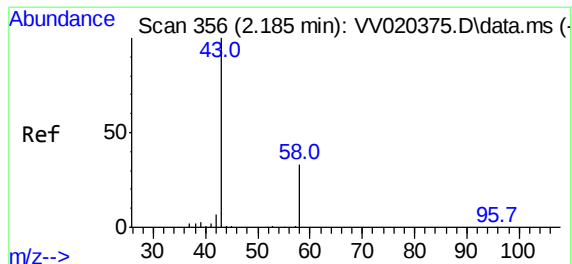
Tgt Ion:101 Resp: 134876
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 51.8
 151 79.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.36 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020378.D
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Tgt Ion: 96 Resp: 123637
 Ion Ratio Lower Upper
 96 100
 61 159.5 123.1 228.7
 63 96.0 91.2 169.4

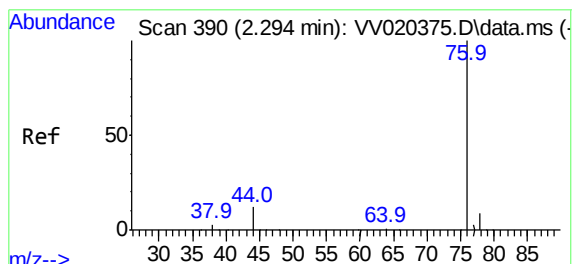
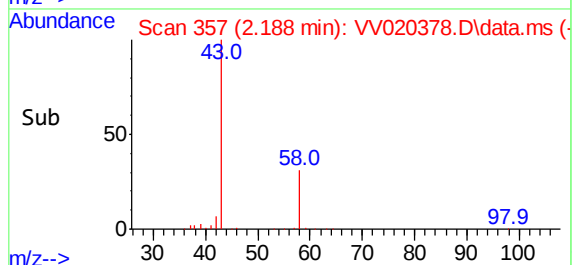
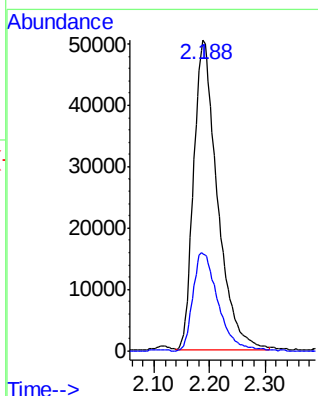
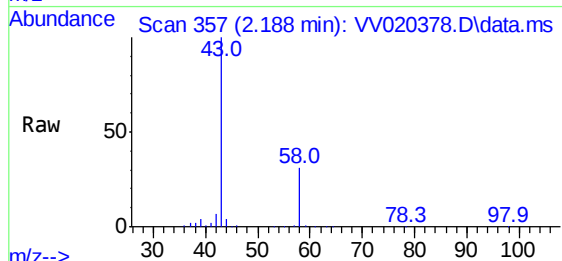




#13
Acetone
Concen: 40.25 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

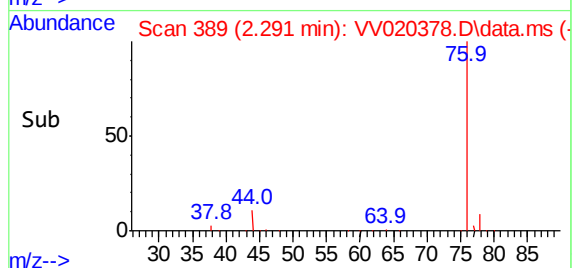
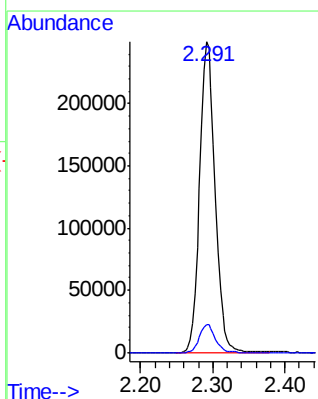
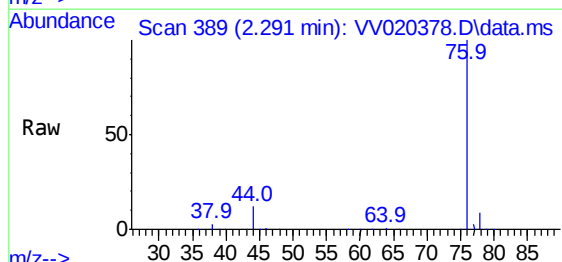
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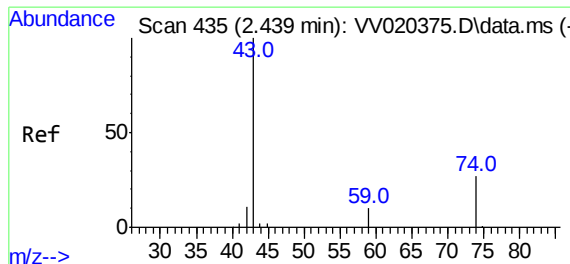
Tgt Ion: 43 Resp: 148474
Ion Ratio Lower Upper
43 100
58 33.5 0.0 18.6#



#14
Carbon disulfide
Concen: 4.24 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 76 Resp: 371048
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0

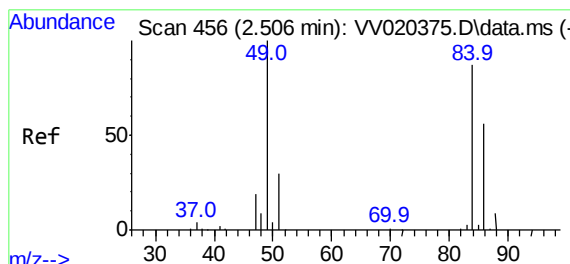
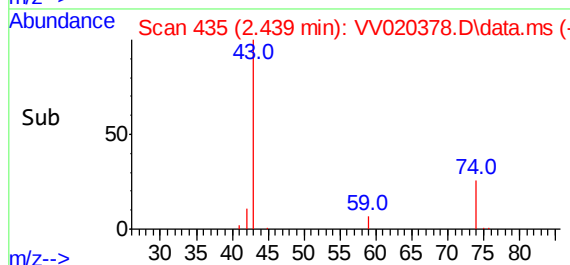
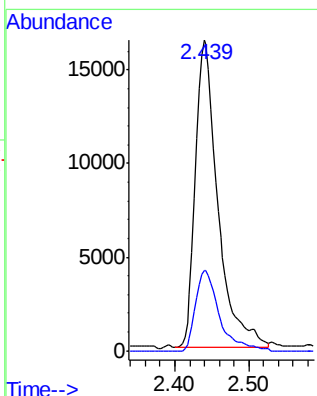
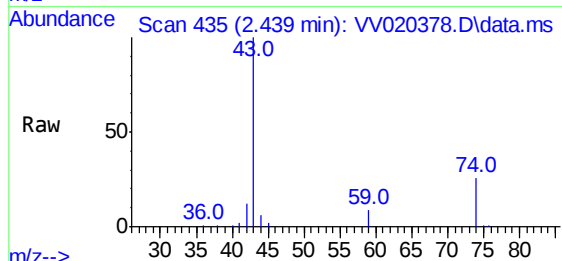




#15
Methyl Acetate
Concen: 3.88 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

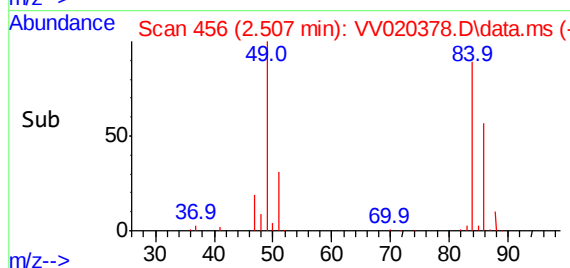
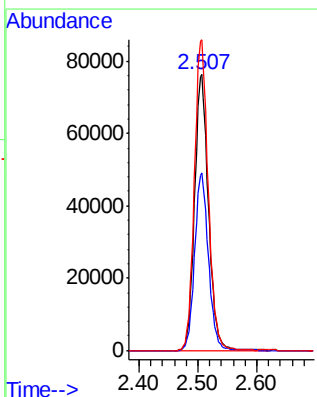
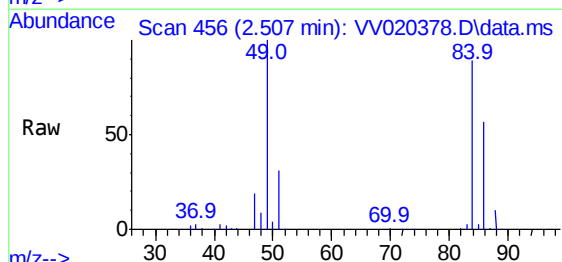
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

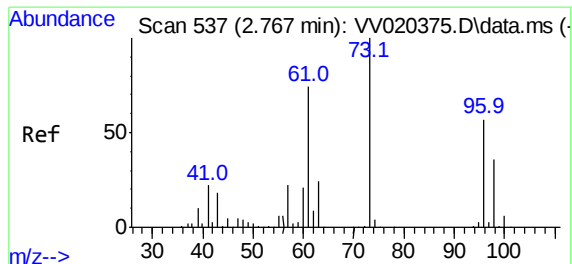
Tgt Ion: 43 Resp: 34680
Ion Ratio Lower Upper
43 100
74 27.5 26.6 40.0



#16
Methylene chloride
Concen: 4.15 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 84 Resp: 126965
Ion Ratio Lower Upper
84 100
86 64.5 46.5 86.3
49 112.6 79.2 147.2

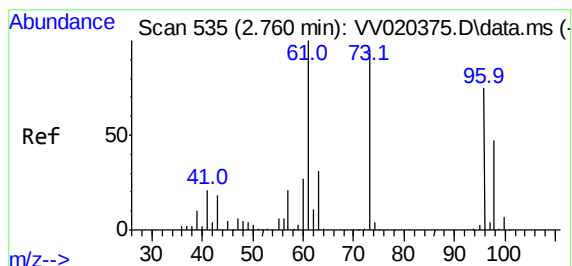
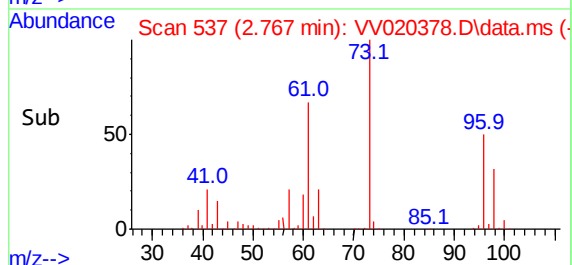
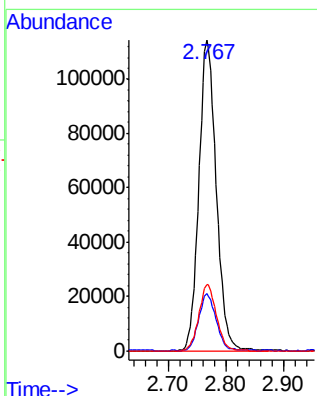
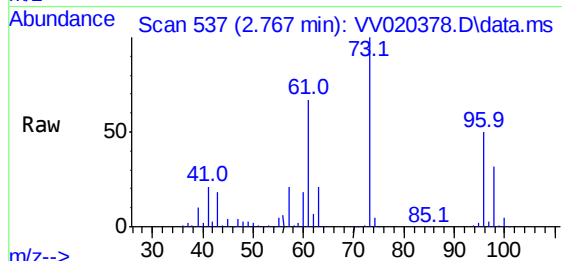




#17
Methyl tert-butyl Ether
Concen: 4.07 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

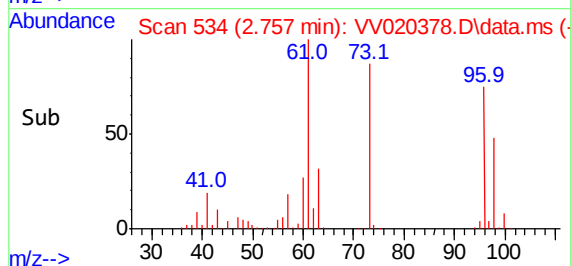
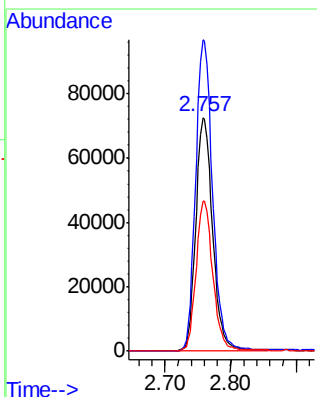
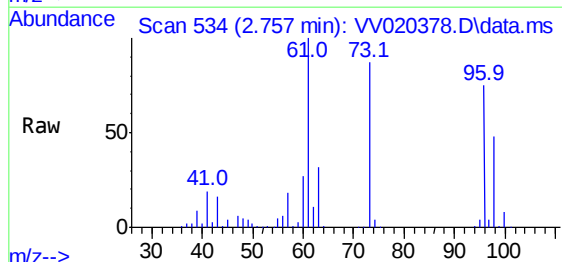
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

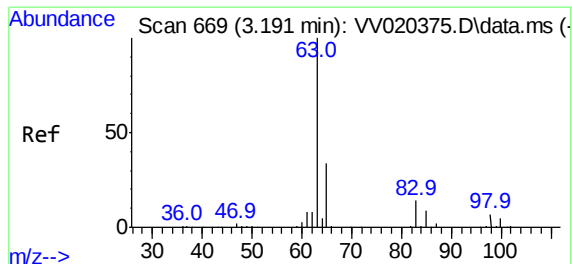
Tgt Ion: 73 Resp: 238150
Ion Ratio Lower Upper
73 100
43 18.7 18.3 27.5
57 21.5 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.28 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 96 Resp: 127399
Ion Ratio Lower Upper
96 100
61 133.3 96.0 178.4
98 63.9 43.5 80.9

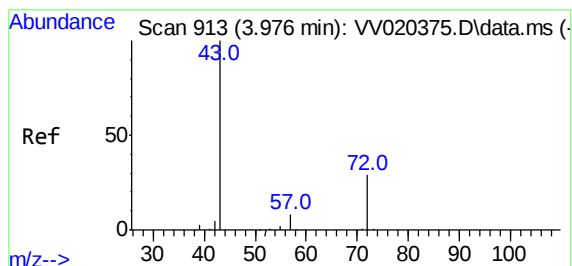
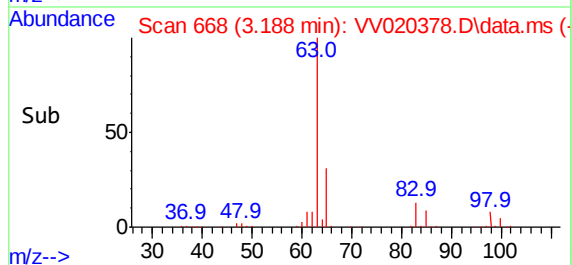
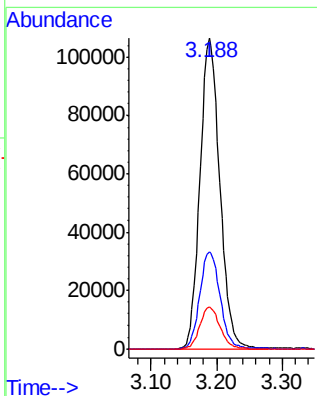
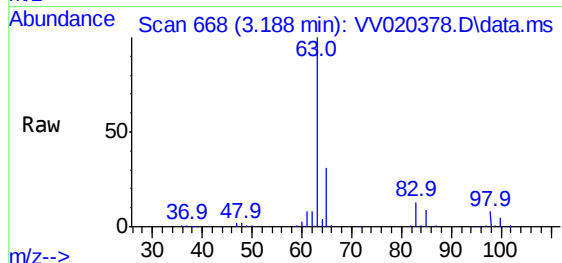




#19
1,1-Dichloroethane
Concen: 4.24 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

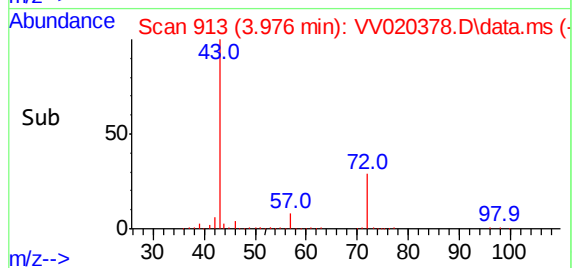
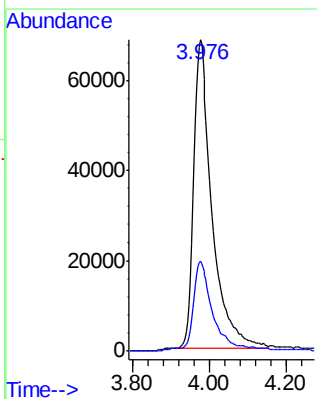
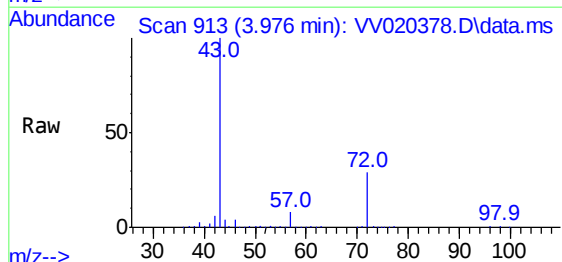
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

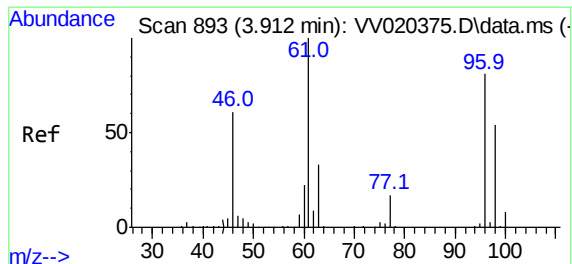
Tgt Ion: 63 Resp: 221921
Ion Ratio Lower Upper
63 100
65 31.1 21.4 39.8
83 13.5 10.4 19.4



#21
2-Butanone
Concen: 41.20 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 43 Resp: 231755
Ion Ratio Lower Upper
43 100
72 27.4 13.0 38.9



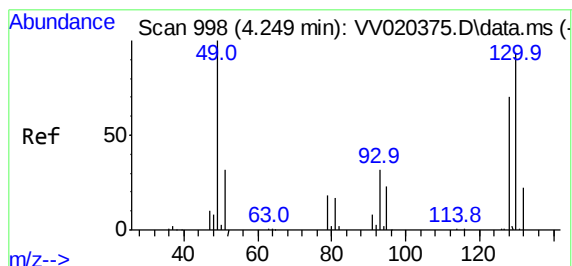
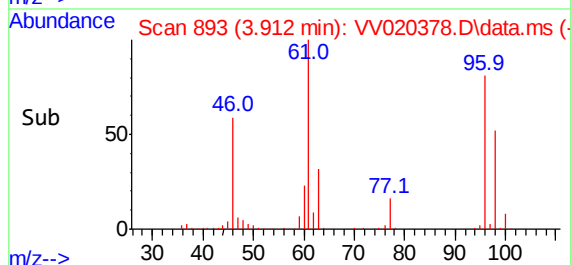
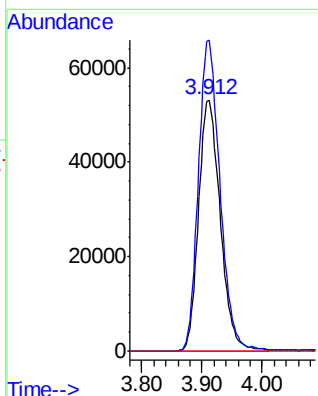
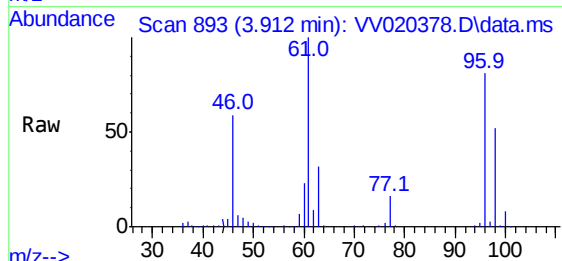


#22
 cis-1,2-Dichloroethene
 Concen: 4.25 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Tgt Ion: 96 Resp: 131338

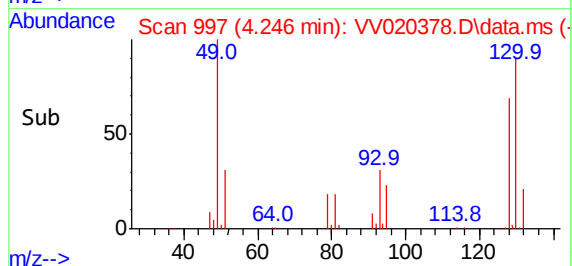
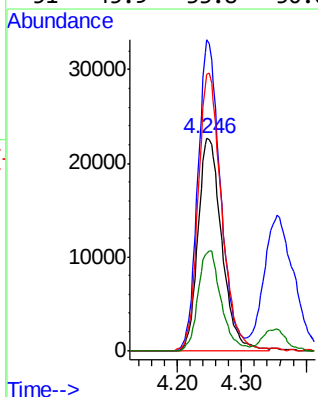
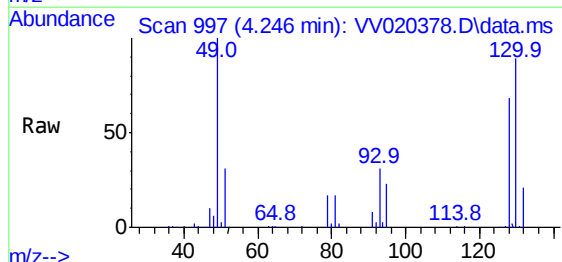
Ion	Ratio	Lower	Upper
96	100		
61	123.9	89.6	166.4
68	0.0	0.0	0.0

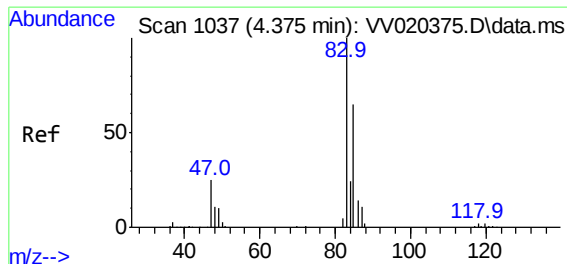


#23
 Bromochloromethane
 Concen: 4.29 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

Tgt Ion: 128 Resp: 57898

Ion	Ratio	Lower	Upper
128	100		
49	146.5	92.2	171.2
130	130.4	77.2	143.4
51	45.9	33.8	50.6

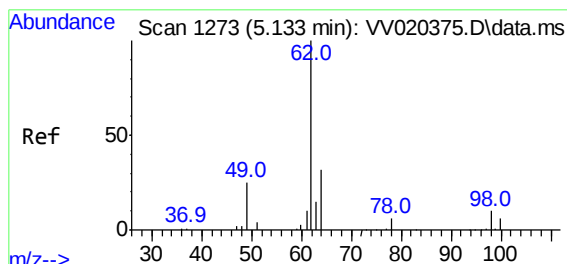
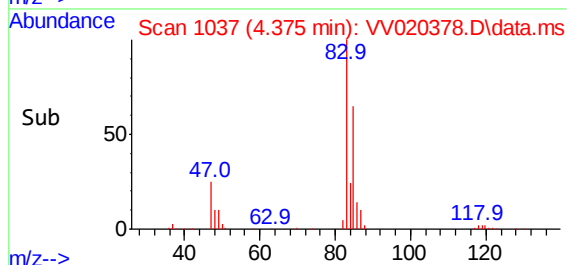
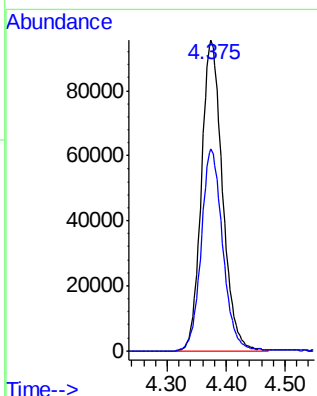
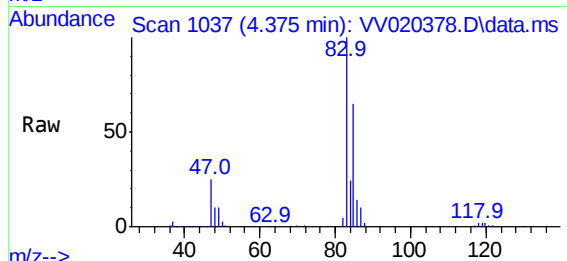




#25
Chloroform
Concen: 4.28 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

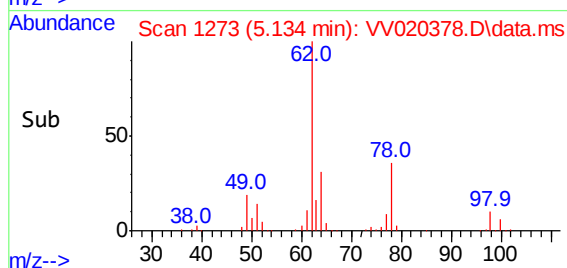
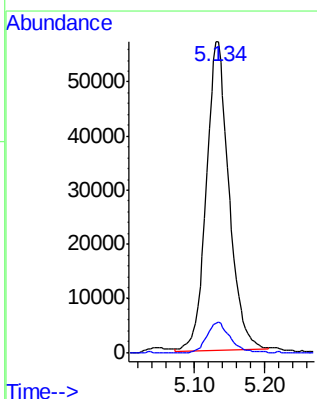
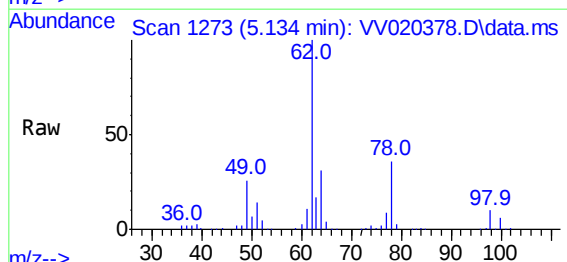
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

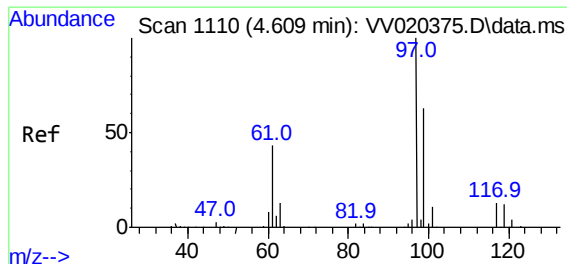
Tgt Ion: 83 Resp: 237163
Ion Ratio Lower Upper
83 100
85 65.0 47.3 87.9



#27
1,2-Dichloroethane
Concen: 4.01 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 62 Resp: 127463
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.6

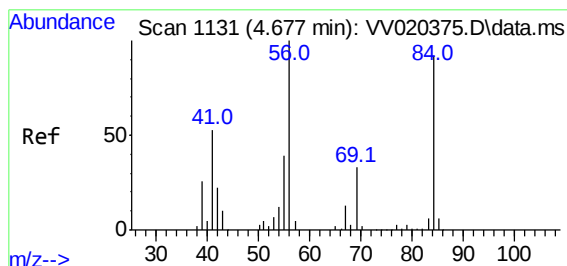
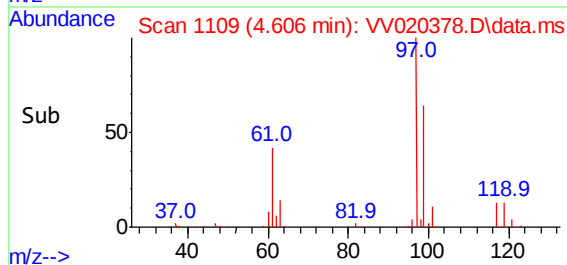
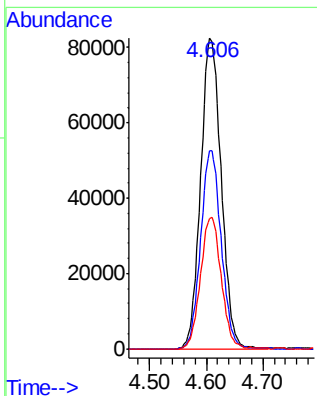
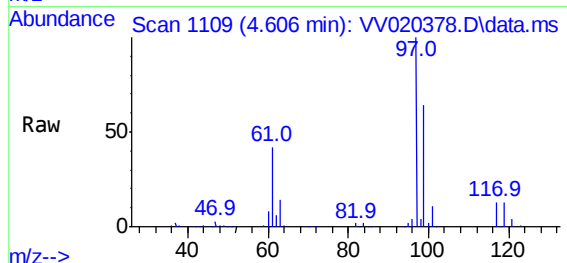




#29
1,1,1-Trichloroethane
Concen: 4.34 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

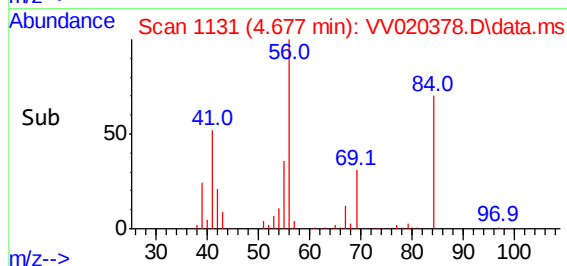
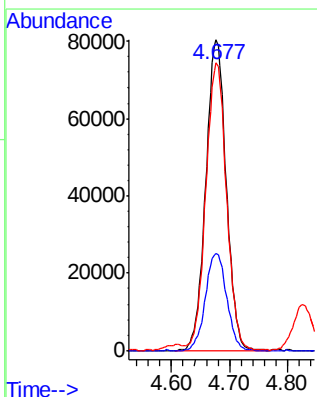
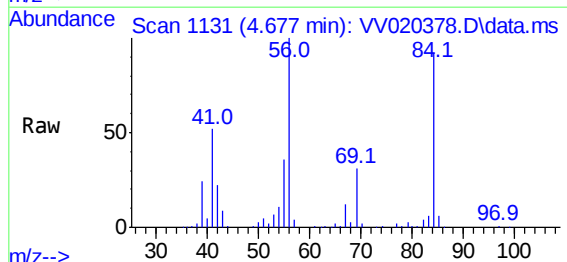
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

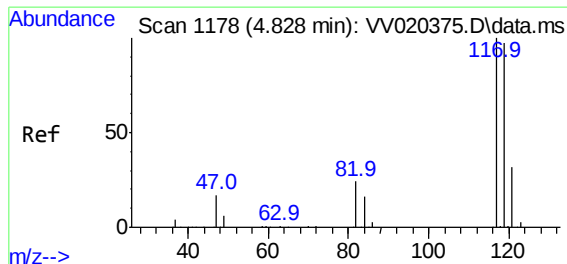
Tgt Ion: 97 Resp: 207321
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 42.7 35.7 53.5



#30
Cyclohexane
Concen: 4.58 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 56 Resp: 196213
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.2
84 94.3 73.0 109.4

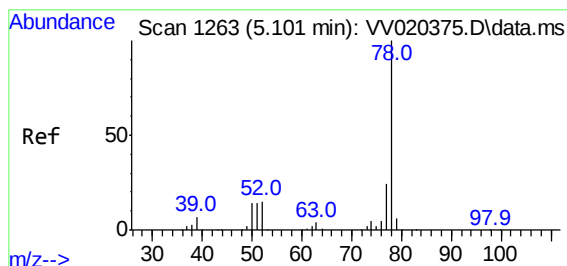
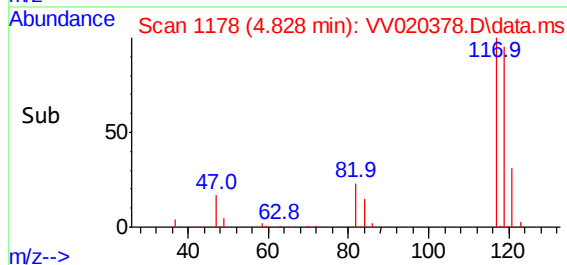
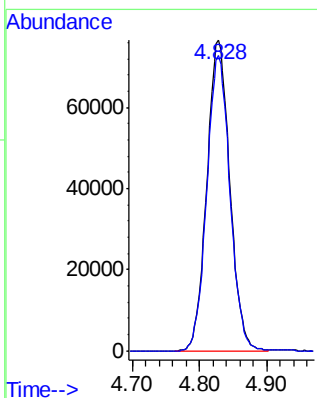
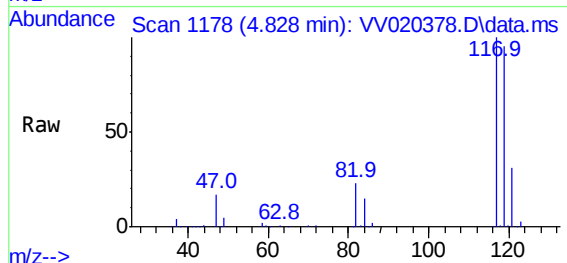




#31
Carbon tetrachloride
Concen: 4.48 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

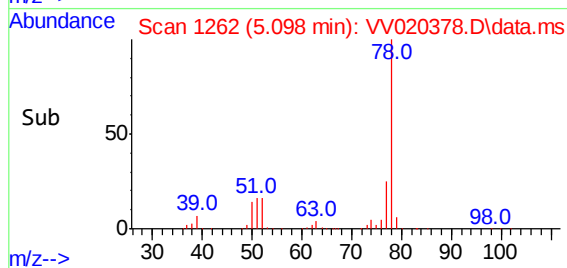
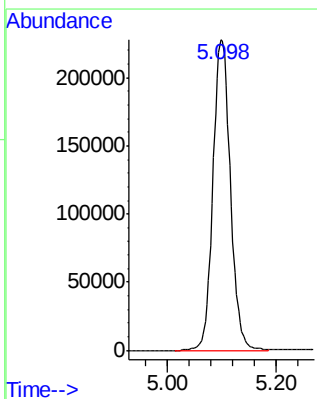
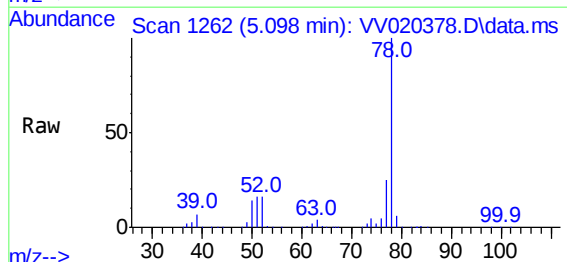
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

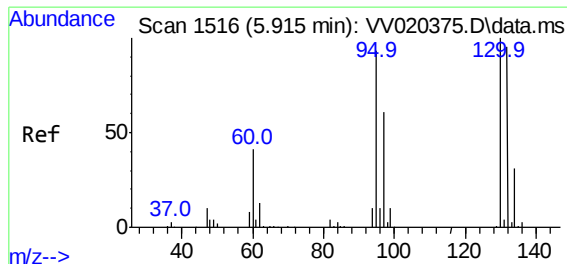
Tgt Ion:117 Resp: 182675
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 4.36 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 78 Resp: 505183

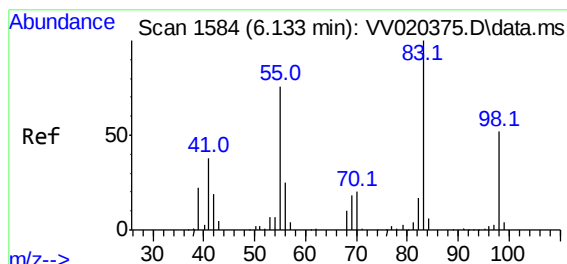
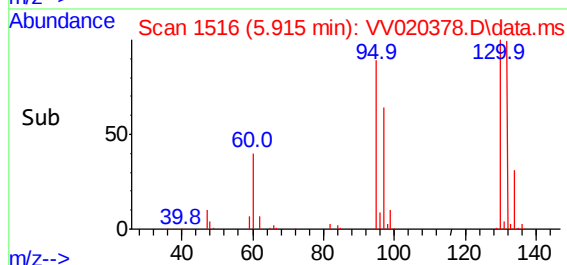
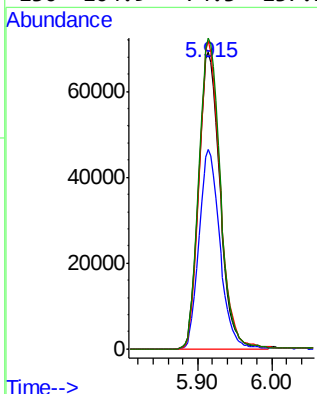
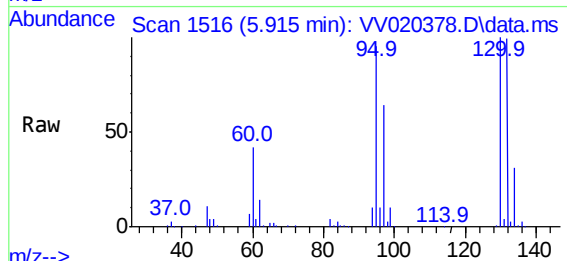




#34
Trichloroethene
Concen: 4.25 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

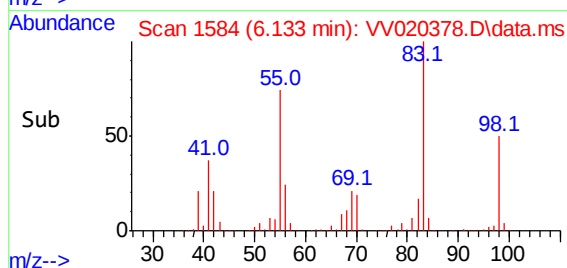
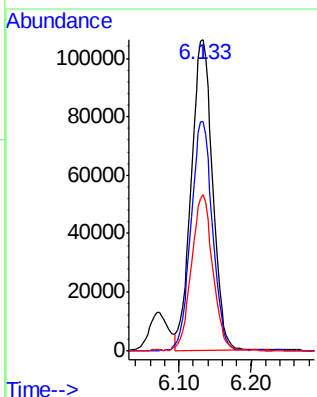
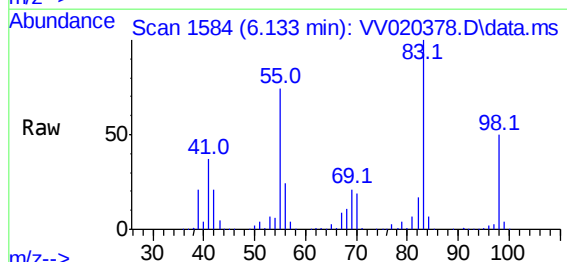
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

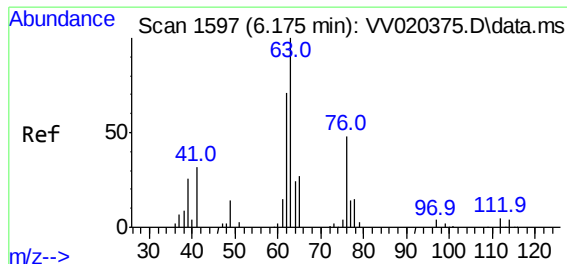
Tgt Ion: 95 Resp: 138014
Ion Ratio Lower Upper
95 100
97 67.1 46.1 85.5
132 103.8 71.7 133.1
130 104.9 74.3 137.9



#35
Methylcyclohexane
Concen: 4.63 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 83 Resp: 217913
Ion Ratio Lower Upper
83 100
55 74.4 61.8 92.8
98 49.9 39.0 58.6

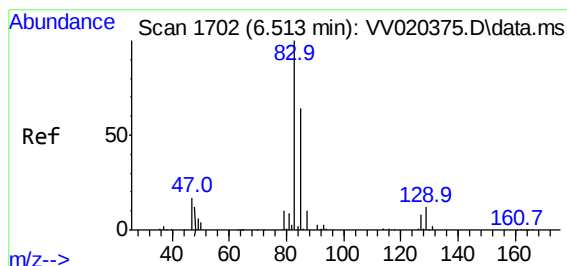
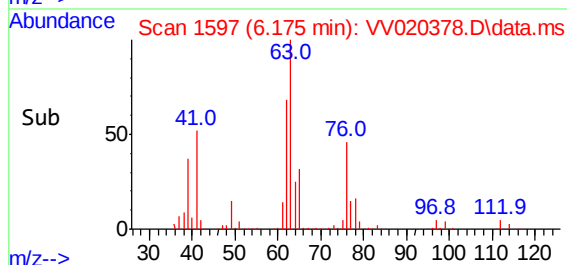
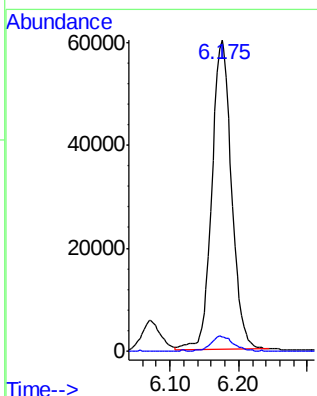
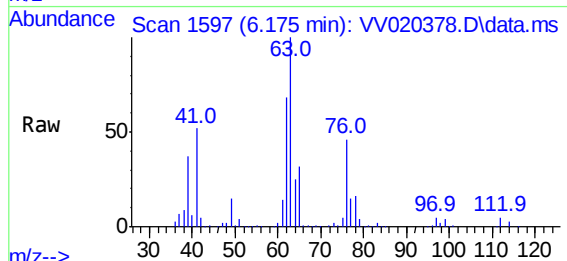




#37
1,2-Dichloropropane
Concen: 4.34 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

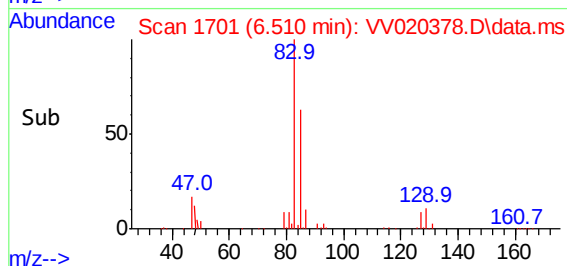
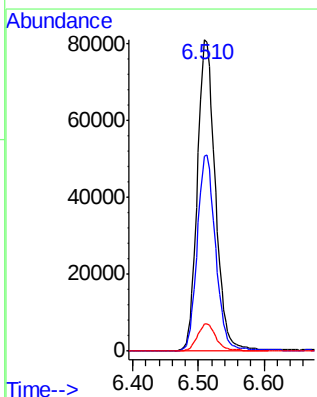
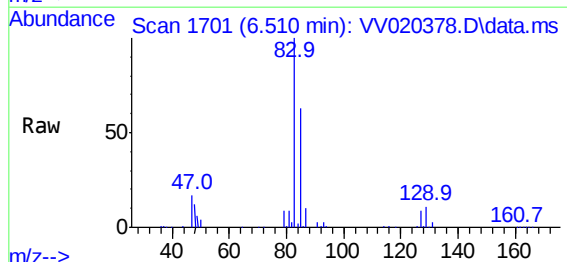
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

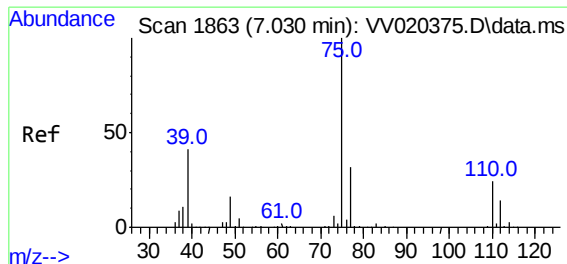
Tgt Ion: 63 Resp: 119851
Ion Ratio Lower Upper
63 100
112 5.1 4.5 6.7



#38
Bromodichloromethane
Concen: 4.24 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 83 Resp: 152233
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 8.5 7.4 11.0

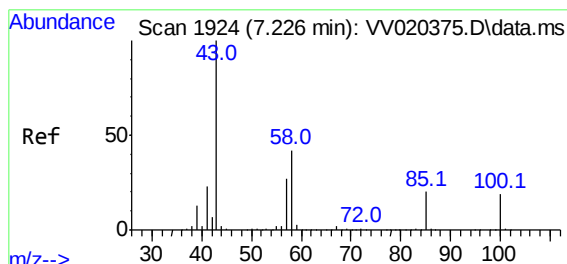
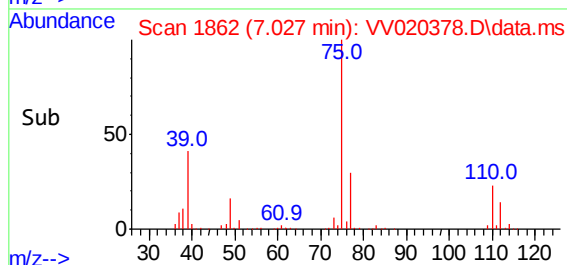
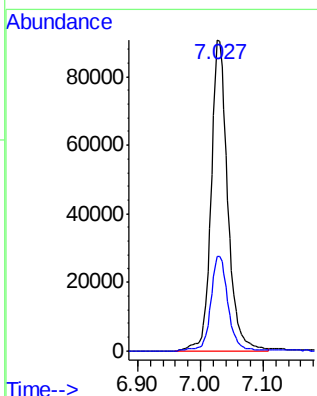
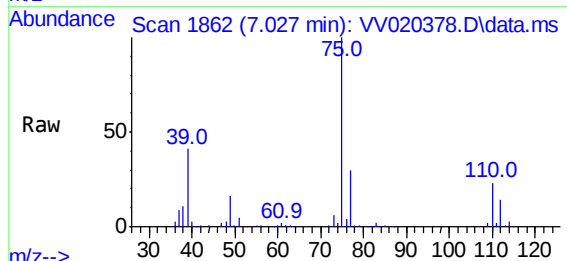




#39
cis-1,3-Dichloropropene
Concen: 4.28 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

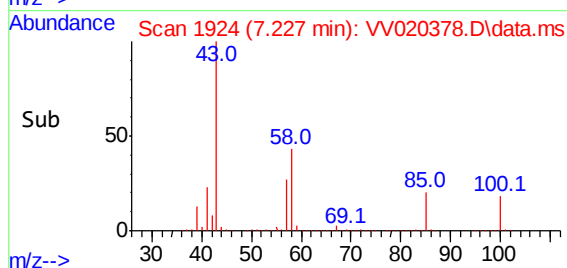
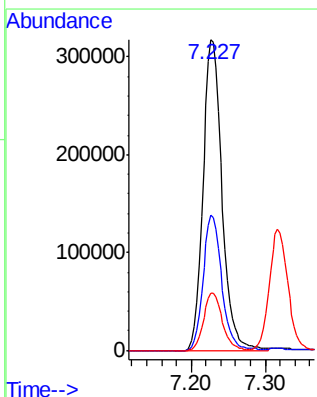
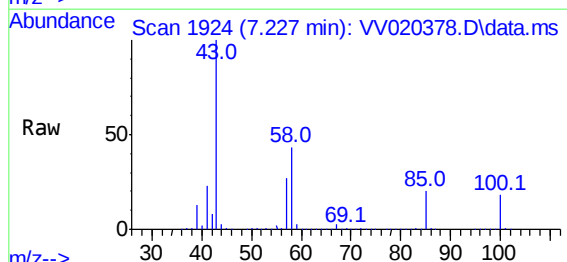
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

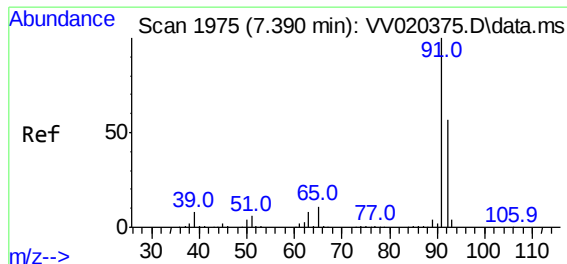
Tgt Ion: 75 Resp: 166040
Ion Ratio Lower Upper
75 100
77 30.5 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 41.04 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 43 Resp: 561953
Ion Ratio Lower Upper
43 100
58 42.9 31.2 46.8
100 18.3 13.6 20.4

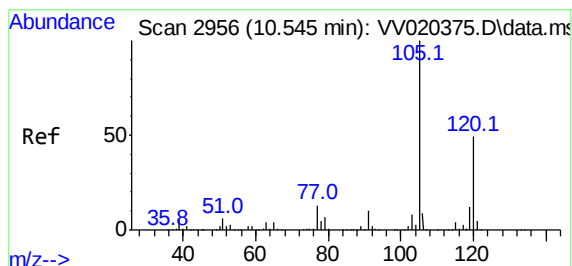
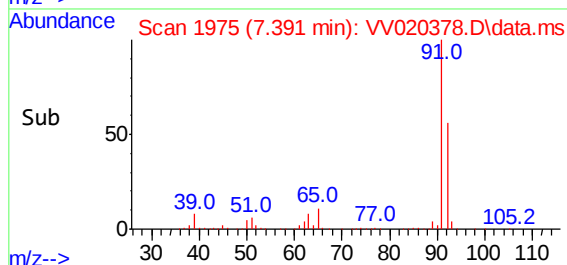
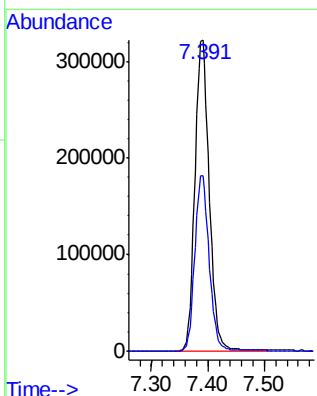
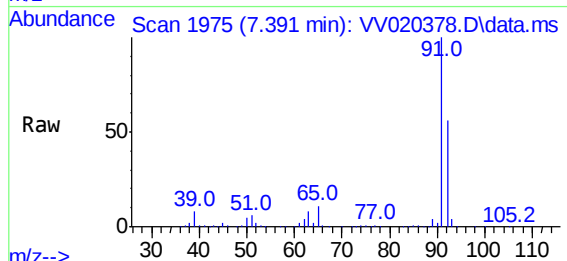




#42
Toluene
Concen: 4.47 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

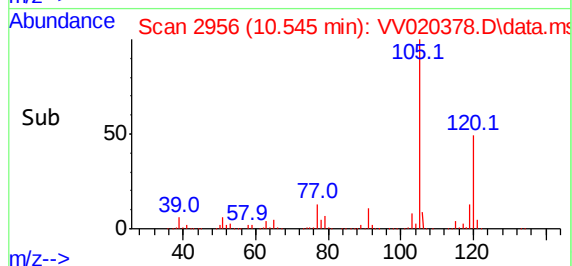
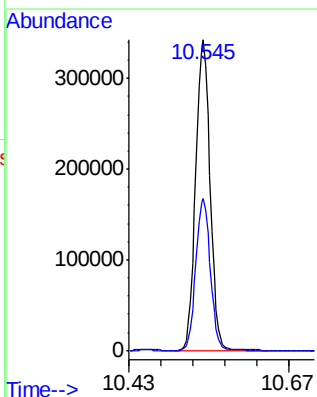
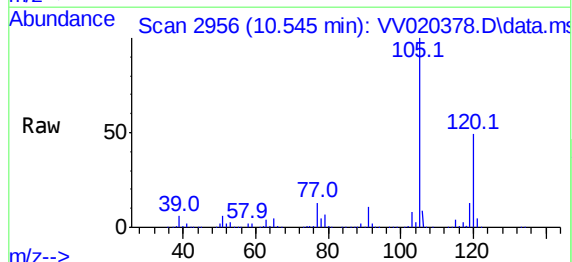
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

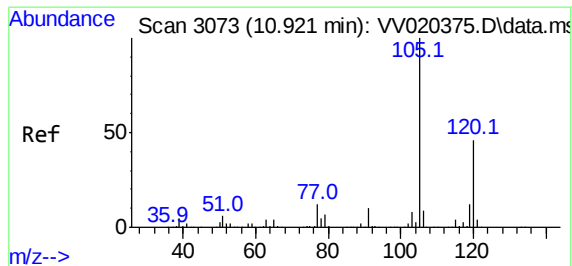
Tgt Ion: 91 Resp: 561680
Ion Ratio Lower Upper
91 100
92 56.3 40.8 75.8



#43
1,3,5-Trimethylbenzene
Concen: 4.56 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:105 Resp: 506310
Ion Ratio Lower Upper
105 100
120 49.2 39.4 59.2

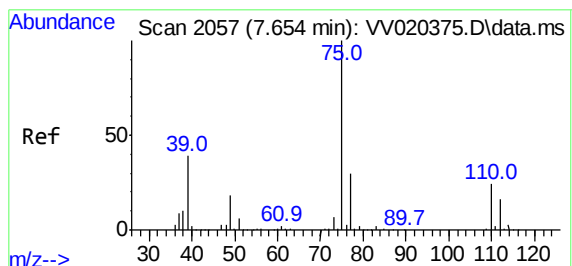
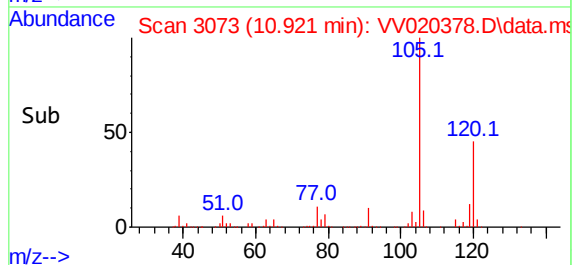
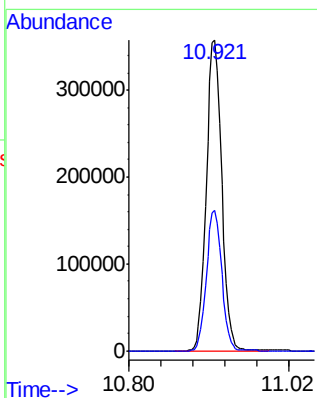
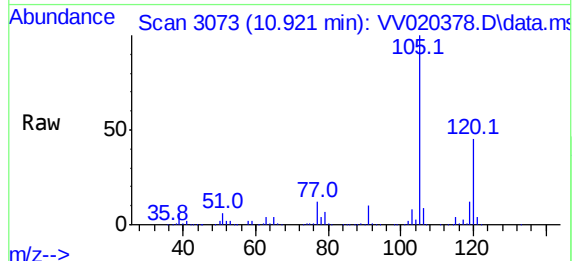




#44
1,2,4-Trimethylbenzene
Concen: 4.64 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

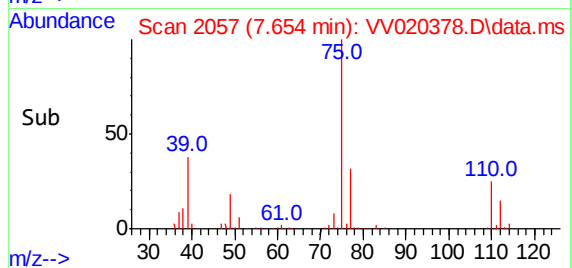
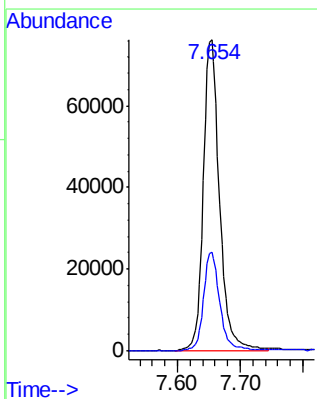
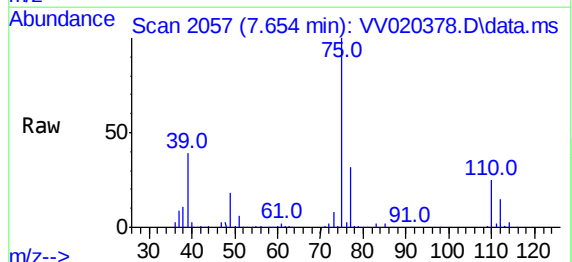
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

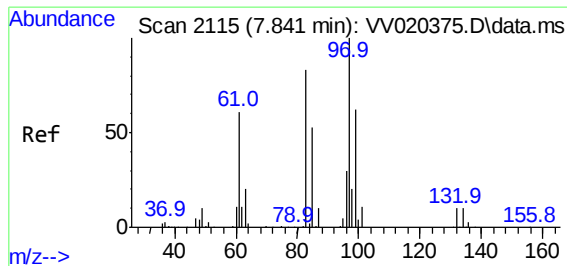
Tgt Ion:105 Resp: 524839
Ion Ratio Lower Upper
105 100
120 45.3 35.9 53.9



#46
trans-1,3-Dichloropropene
Concen: 4.28 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 75 Resp: 135375
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7





#47

1,1,2-Trichloroethane

Concen: 4.18 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV020378.D

Acq: 23 Feb 2021 12:21

Tgt Ion: 97 Resp: 83394

Ion Ratio Lower Upper

97 100

99 62.2 39.5 73.4

83 85.2 52.6 97.6

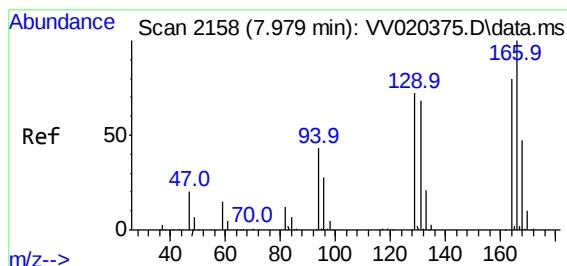
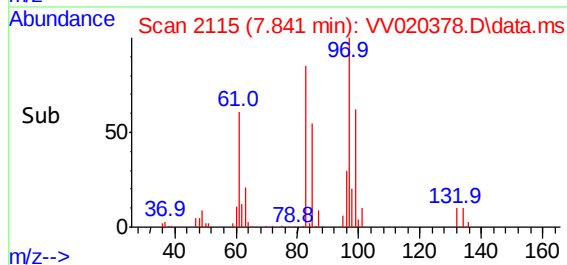
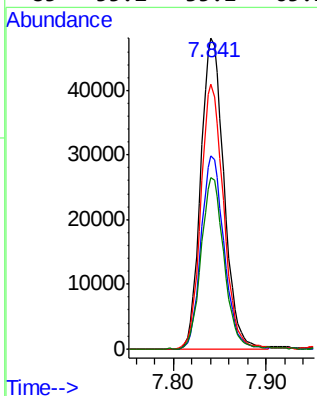
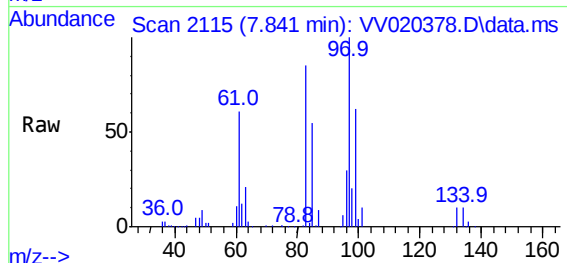
85 55.2 35.1 65.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD00540



#49

Tetrachloroethene

Concen: 4.48 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV020378.D

Acq: 23 Feb 2021 12:21

Tgt Ion:164 Resp: 120466

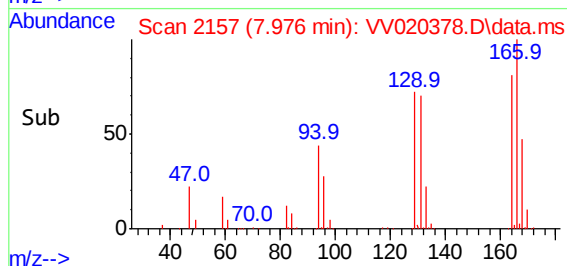
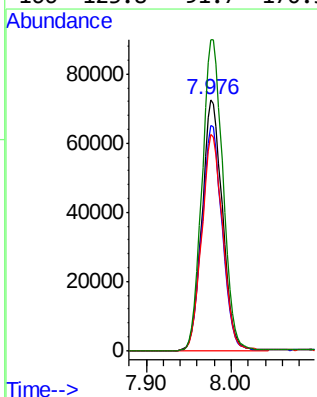
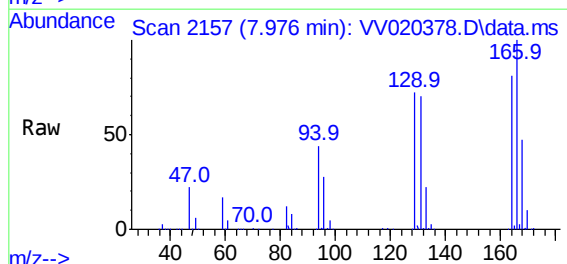
Ion Ratio Lower Upper

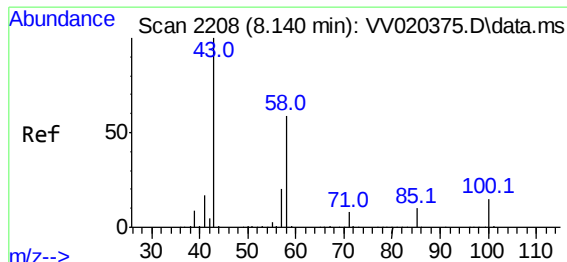
164 100

129 89.5 65.0 120.8

131 86.1 63.6 118.2

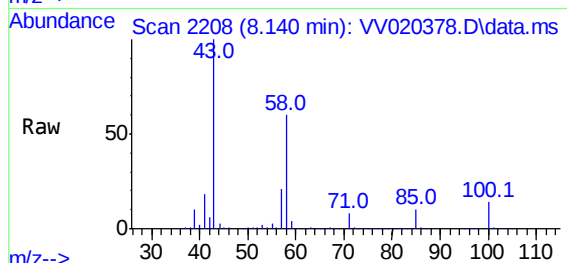
166 123.8 91.7 170.3



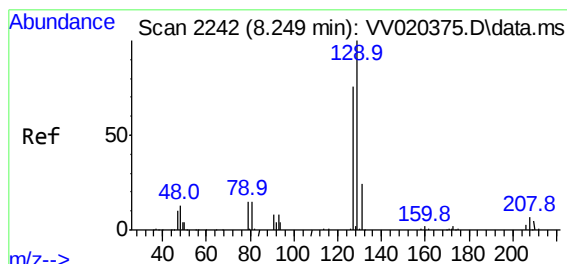
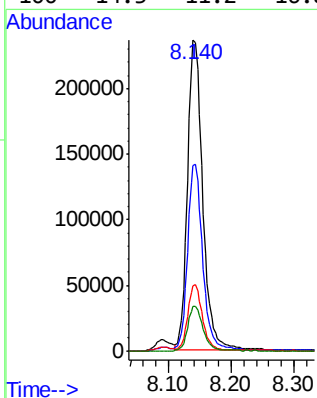
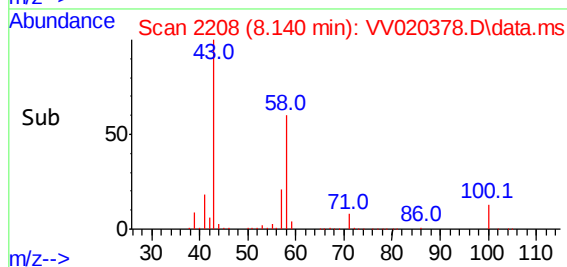


#50
2-Hexanone
Concen: 41.62 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

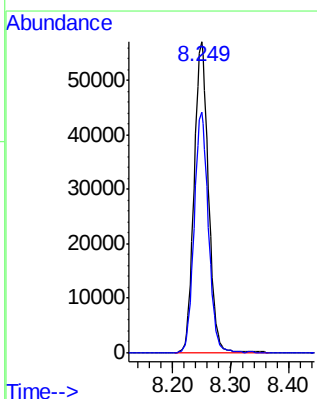
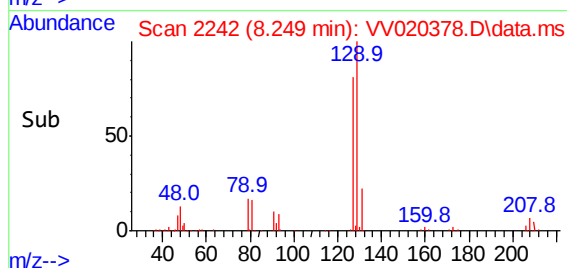
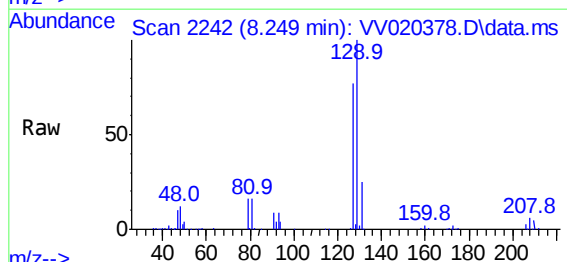


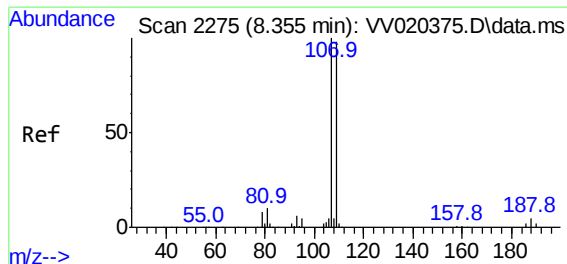
Tgt Ion: 43 Resp: 399526
Ion Ratio Lower Upper
43 100
58 59.3 41.6 62.4
57 20.4 15.4 23.0
100 14.3 11.2 16.8



#51
Dibromochloromethane
Concen: 4.24 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 129 Resp: 98411
Ion Ratio Lower Upper
129 100
127 77.4 56.3 104.5

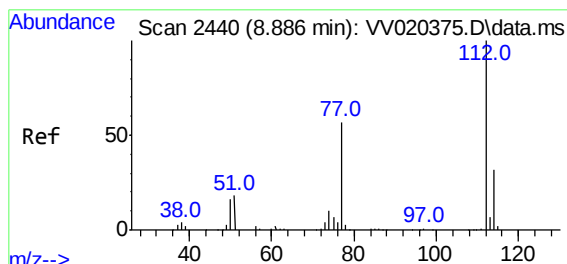
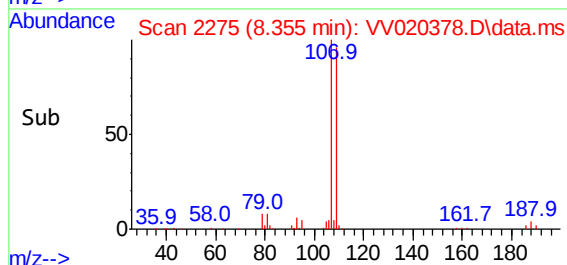
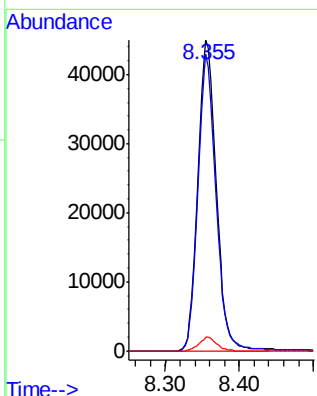
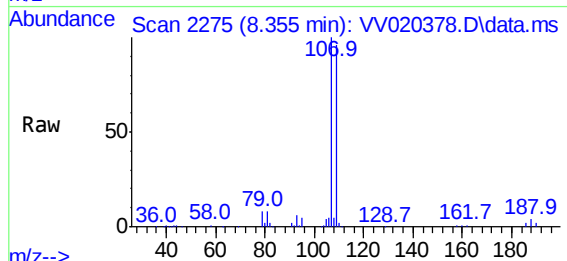




#52
1,2-Dibromoethane
Concen: 4.31 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

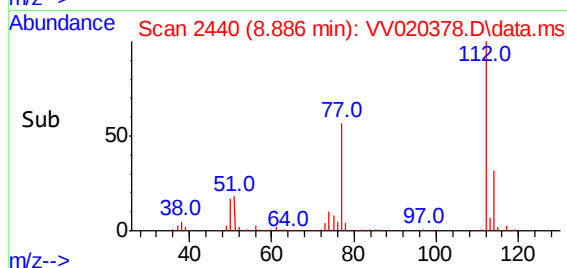
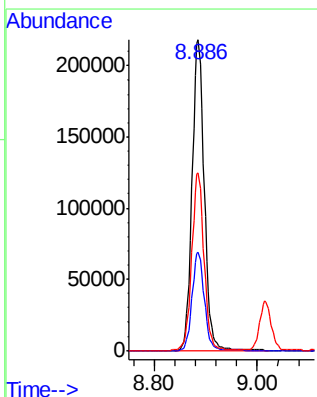
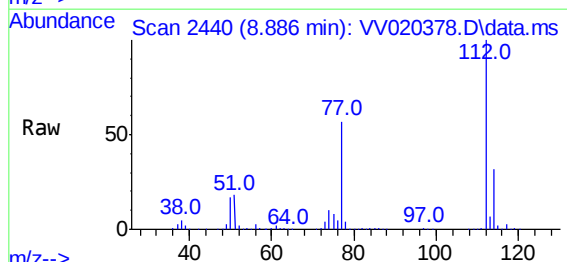
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

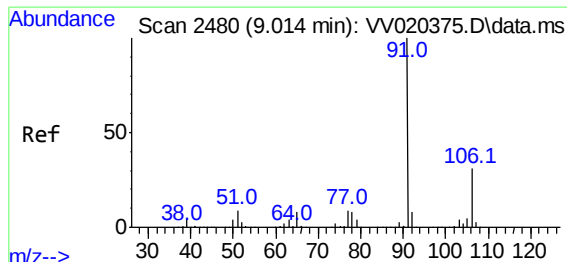
Tgt Ion:107 Resp: 77958
Ion Ratio Lower Upper
107 100
109 95.6 65.5 121.7
188 4.2 3.7 5.5



#53
Chlorobenzene
Concen: 4.33 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:112 Resp: 359025
Ion Ratio Lower Upper
112 100
114 31.6 23.2 43.2
77 57.3 45.6 68.4

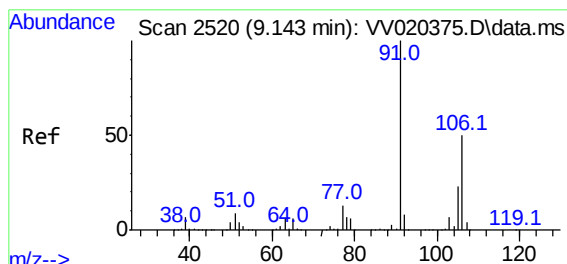
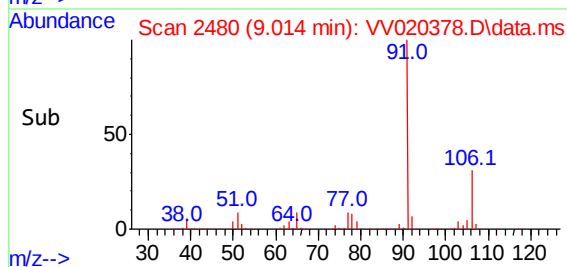
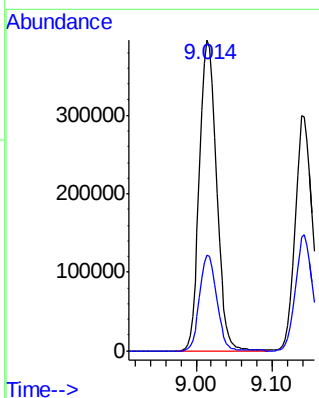
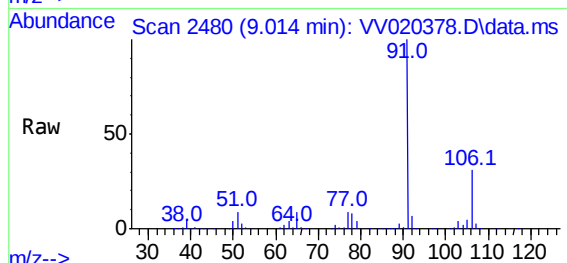




#54
Ethylbenzene
Concen: 4.47 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

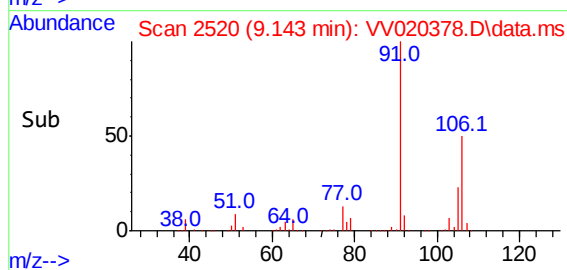
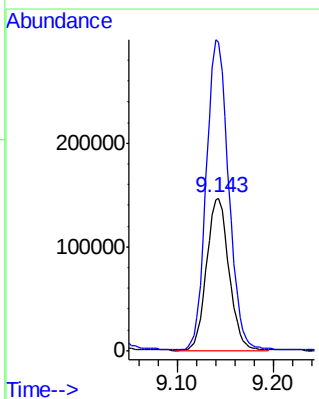
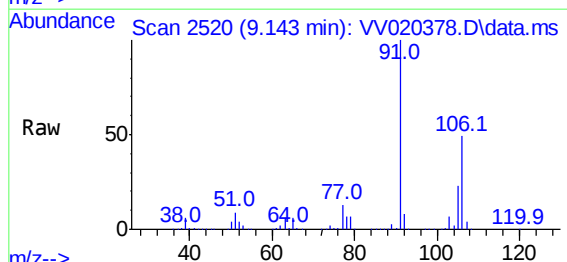
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

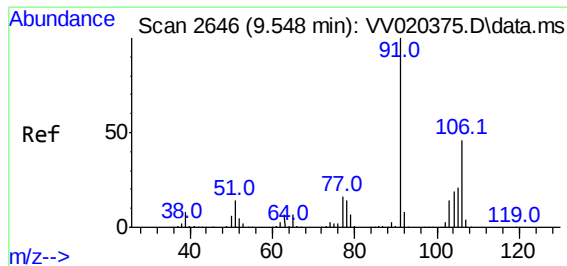
Tgt Ion: 91 Resp: 614959
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#55
m,p-xylene
Concen: 4.54 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 106 Resp: 235186
Ion Ratio Lower Upper
106 100
91 202.1 141.3 262.3

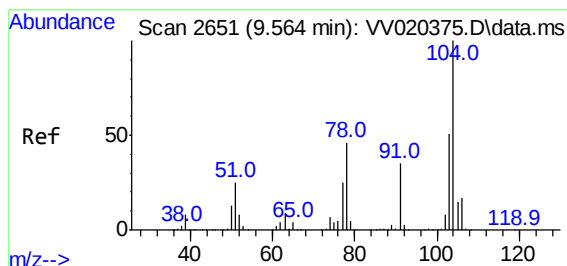
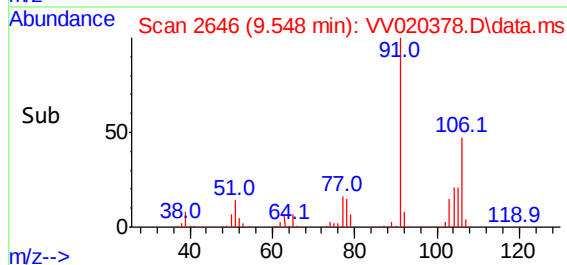
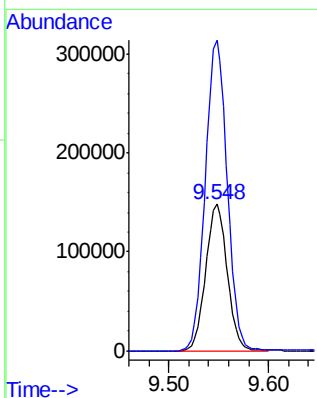
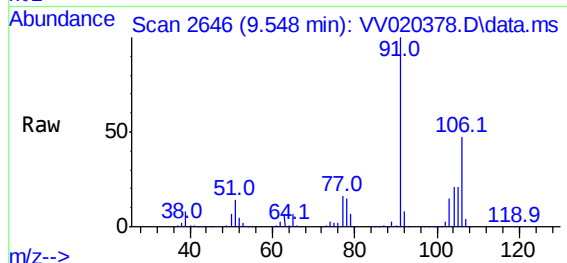




#56
o-xylene
Concen: 4.47 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

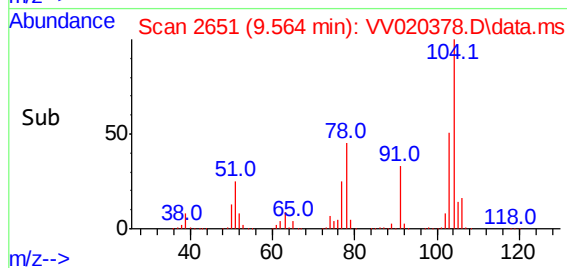
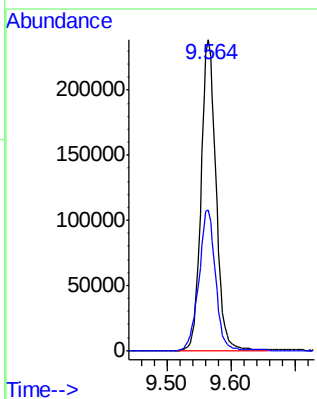
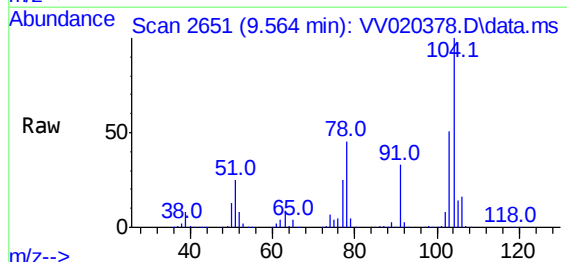
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

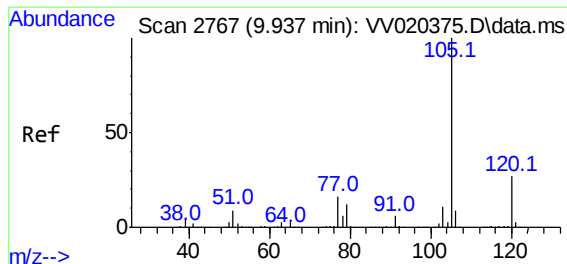
Tgt Ion:106 Resp: 222510
Ion Ratio Lower Upper
106 100
91 212.0 153.9 285.7



#57
Styrene
Concen: 4.56 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:104 Resp: 381475
Ion Ratio Lower Upper
104 100
78 45.3 34.0 63.2

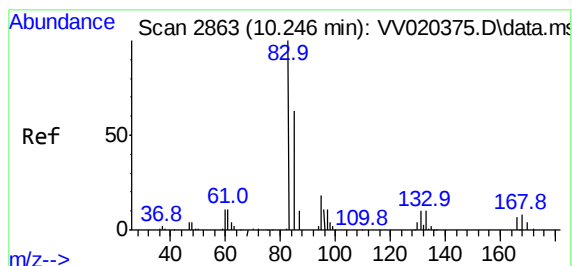
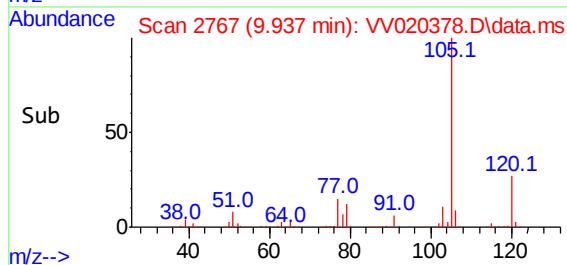
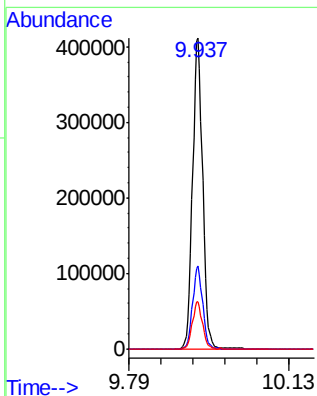
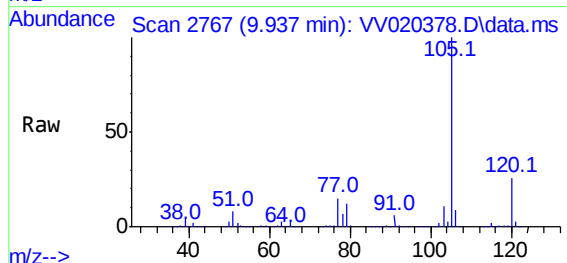




#58
Isopropylbenzene
Concen: 4.56 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

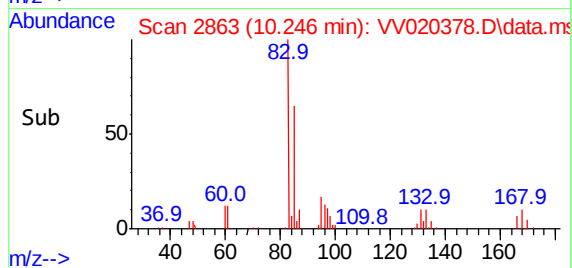
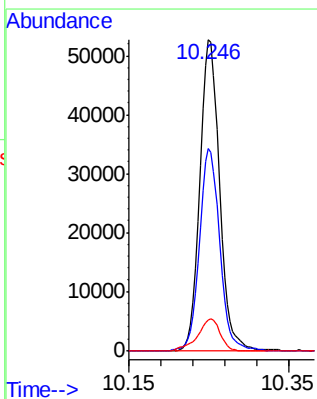
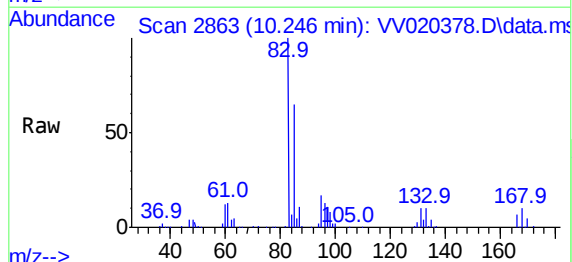
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

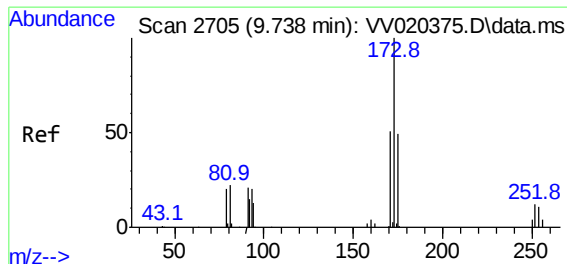
Tgt Ion:105 Resp: 616534
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 15.2 13.0 19.6



#60
1,1,2,2-Tetrachloroethane
Concen: 4.08 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 83 Resp: 86383
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
131 10.0 9.2 13.8

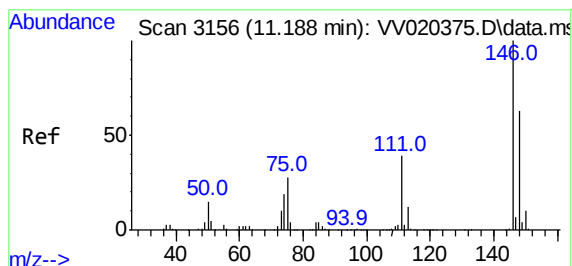
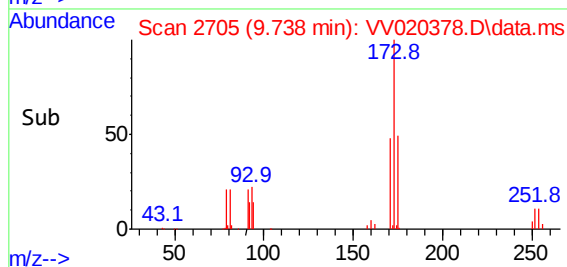
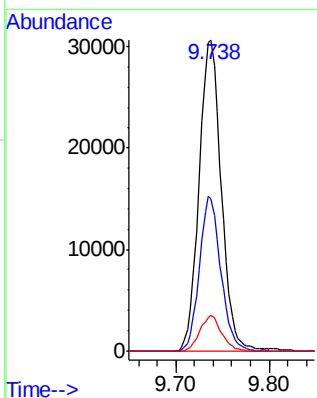
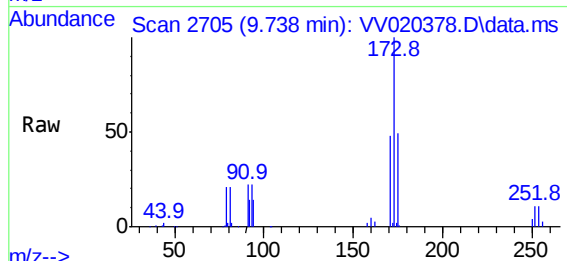




#62
Bromoform
Concen: 4.11 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

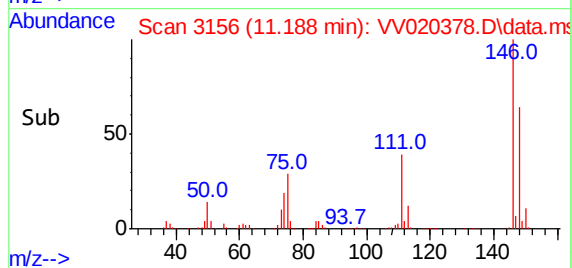
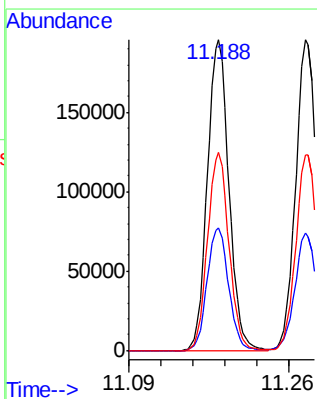
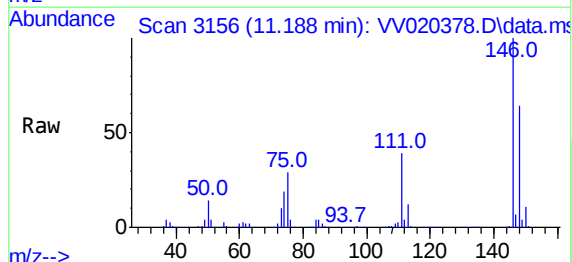
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

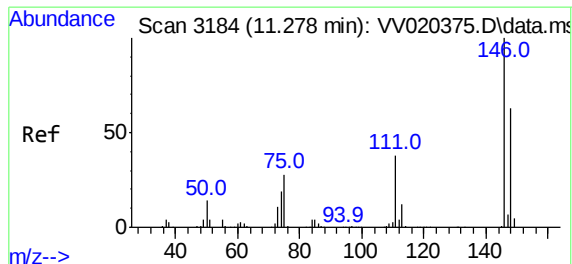
Tgt Ion:173 Resp: 50663
Ion Ratio Lower Upper
173 100
175 47.8 39.6 59.4
254 10.9 8.4 12.6



#63
1,3-Dichlorobenzene
Concen: 4.31 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:146 Resp: 301669
Ion Ratio Lower Upper
146 100
111 39.2 27.3 50.7
148 63.6 45.6 84.6

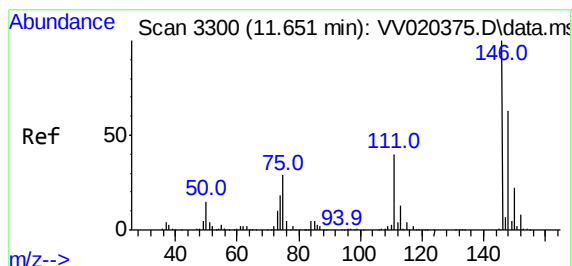
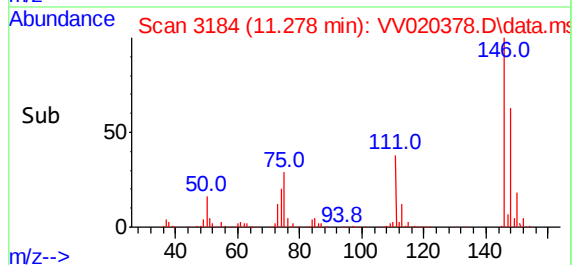
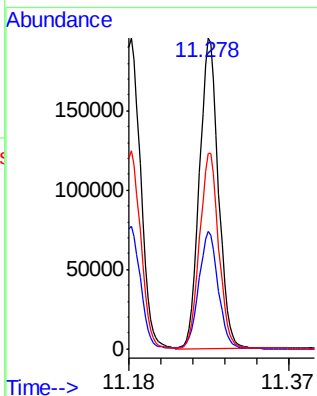
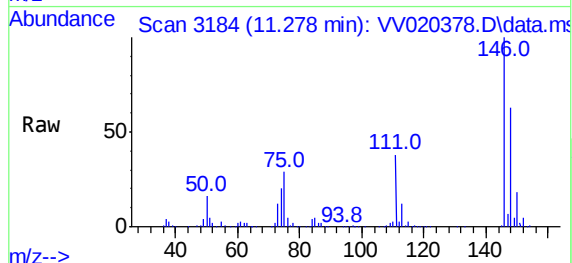




#64
1,4-Dichlorobenzene
Concen: 4.23 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

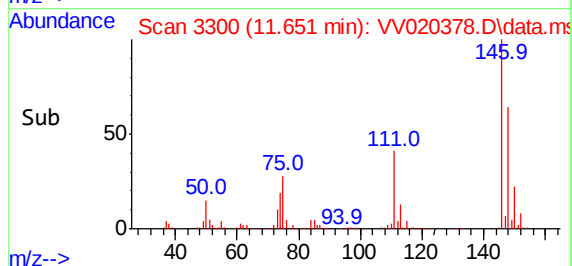
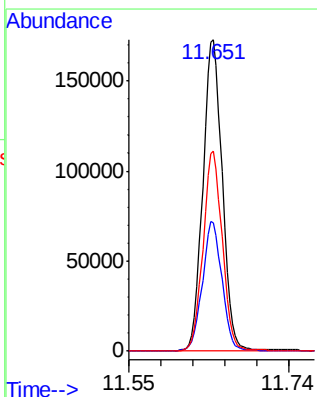
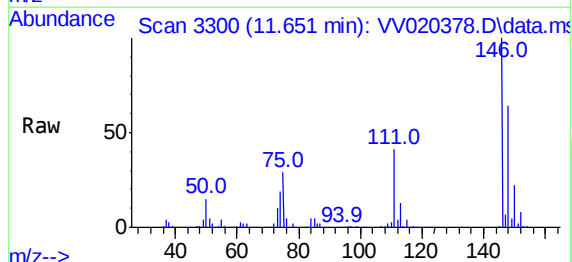
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

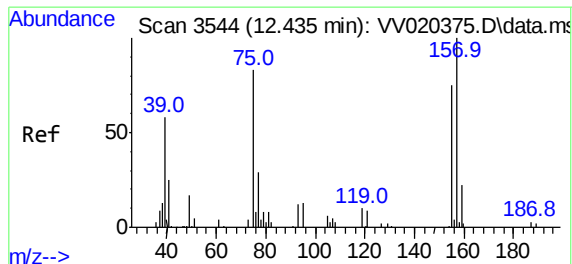
Tgt Ion:146 Resp: 300945
Ion Ratio Lower Upper
146 100
111 37.7 27.4 51.0
148 63.0 43.8 81.4



#66
1,2-Dichlorobenzene
Concen: 4.27 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion:146 Resp: 271925
Ion Ratio Lower Upper
146 100
111 41.0 33.0 49.4
148 64.1 49.9 74.9

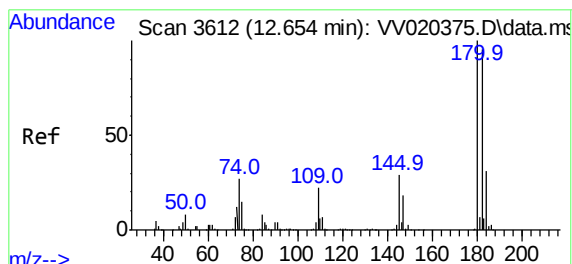
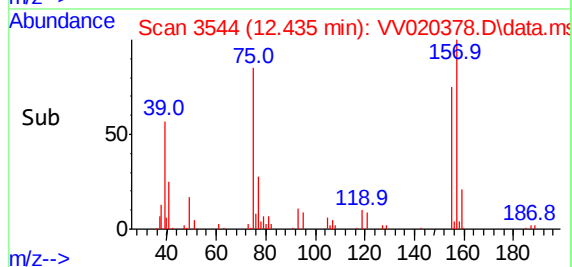
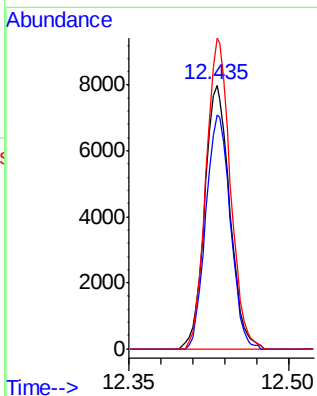
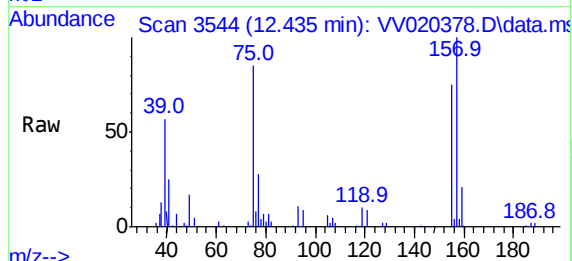




#67
1,2-Dibromo-3-chloropropane
Concen: 4.12 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

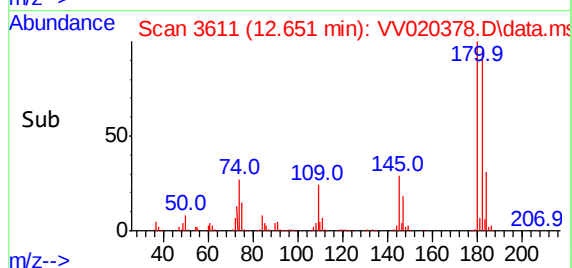
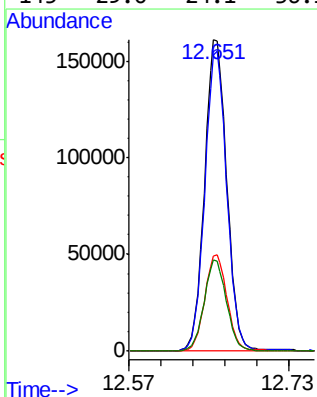
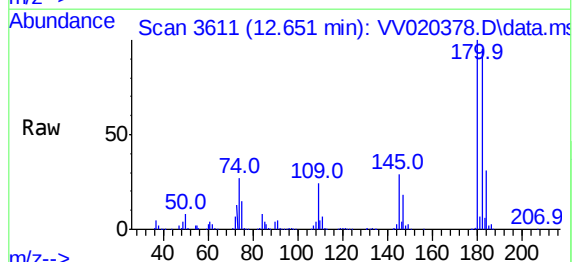
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

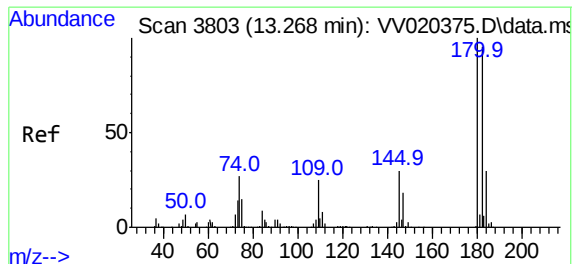
Tgt Ion: 75 Resp: 12879
Ion Ratio Lower Upper
75 100
155 88.6 68.7 103.1
157 117.8 87.8 131.8



#68
1,3,5-Trichlorobenzene
Concen: 4.35 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

Tgt Ion: 180 Resp: 247345
Ion Ratio Lower Upper
180 100
182 95.6 77.1 115.7
184 30.9 25.2 37.8
145 29.0 24.1 36.1

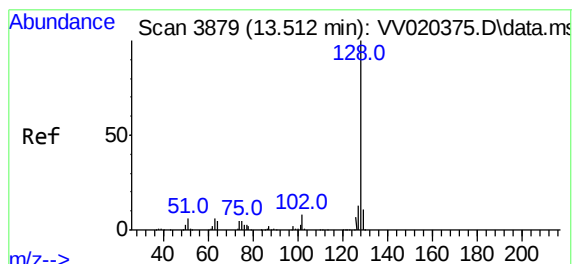
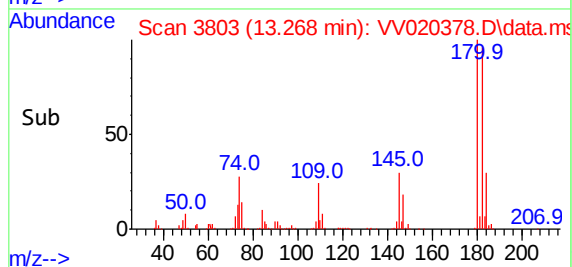
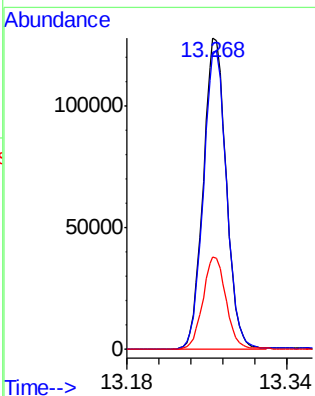
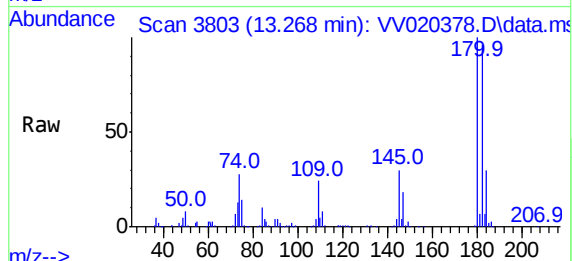




#69
1,2,4-trichlorobenzene
Concen: 4.36 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

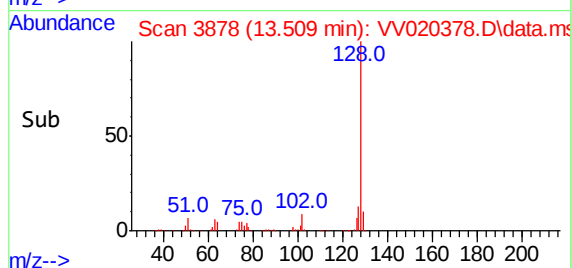
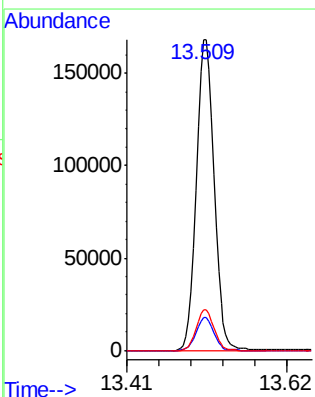
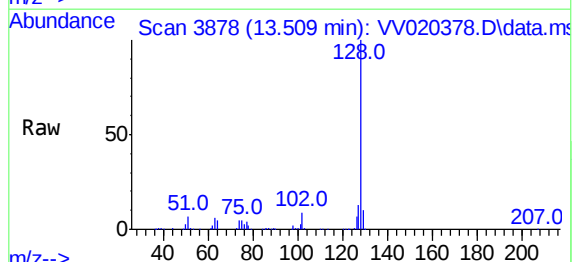
Instrument :
MSVOA_V
ClientSampleId :
VSTD00540

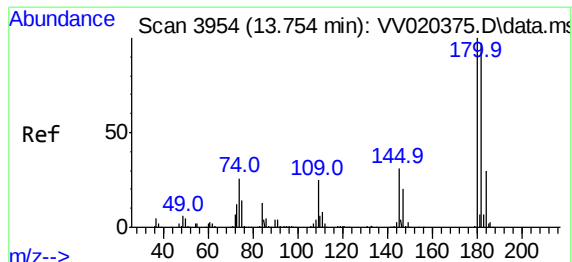
Tgt Ion:180 Resp: 197031
Ion Ratio Lower Upper
180 100
182 97.2 75.4 113.2
145 29.4 24.2 36.2



#70
Naphthalene
Concen: 4.18 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.003 min
Lab File: VV020378.D
Acq: 23 Feb 2021 12:21

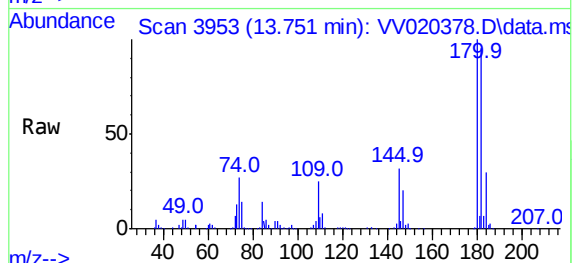
Tgt Ion:128 Resp: 263013
Ion Ratio Lower Upper
128 100
129 10.4 9.1 13.7
127 13.1 11.0 16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 4.36 ug/L
 RT: 13.751 min Scan# 3953
 Delta R.T. -0.003 min
 Lab File: VV020378.D
 Acq: 23 Feb 2021 12:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540



Tgt Ion:180 Resp: 171635

Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.2	111.4
145	31.3	26.0	39.0

