

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022521\
 Data File : VW018240.D
 Acq On : 25 Feb 2021 17:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025105

Quant Time: Feb 26 07:04:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 26 07:02:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	455998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	398391	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210847	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	116617	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.56%		
7) Chloroethane-d5	2.892	69	92159	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.36%		
11) 1,1-Dichloroethene-d2	4.026	63	240235	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.96%		
21) 2-Butanone-d5	7.074	46	58693	53.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.18%		
24) Chloroform-d	7.647	84	252664	22.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.28%		
26) 1,2-Dichloroethane-d4	8.305	65	127074	23.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.04%		
32) Benzene-d6	8.275	84	491513	23.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.76%		
36) 1,2-Dichloropropane-d6	9.268	67	136872	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.08%		
41) Toluene-d8	10.323	98	464878	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.60%		
43) trans-1,3-Dichloroprop...	10.579	79	63861	24.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.36%		
47) 2-Hexanone-d5	10.921	63	50790	55.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.26%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	120603	25.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.60%		
66) 1,2-Dichlorobenzene-d4	13.853	152	172481	22.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	138952	25.61	ug/L	98
3) Chloromethane	2.215	50	97980	23.55	ug/L	96
5) Vinyl chloride	2.367	62	147489	24.66	ug/L	100
6) Bromomethane	2.782	94	99970	24.10	ug/L	99
8) Chloroethane	2.928	64	84429	25.23	ug/L	97
9) Trichlorofluoromethane	3.263	101	107661	25.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	143849	24.65	ug/L	89
12) 1,1-Dichloroethene	4.044	96	141170	25.00	ug/L	88
13) Acetone	4.123	43	40563	54.93	ug/L	86
14) Carbon disulfide	4.385	76	411259	23.84	ug/L	100
15) Methyl Acetate	4.672	43	51502	26.66	ug/L	94
16) Methylene chloride	4.916	84	137616	22.25	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	146362	24.29	ug/L	89
18) Methyl tert-butyl Ether	5.422	73	153189	25.51	ug/L	95
19) 1,1-Dichloroethane	6.214	63	229678	24.35	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	152979	24.44	ug/L	91
22) 2-Butanone	7.171	43	65203	55.48	ug/L	98
23) Bromochloromethane	7.513	128	73539	24.63	ug/L #	77
25) Chloroform	7.671	83	251400	24.47	ug/L	97
27) 1,2-Dichloroethane	8.397	62	156198	25.13	ug/L #	95

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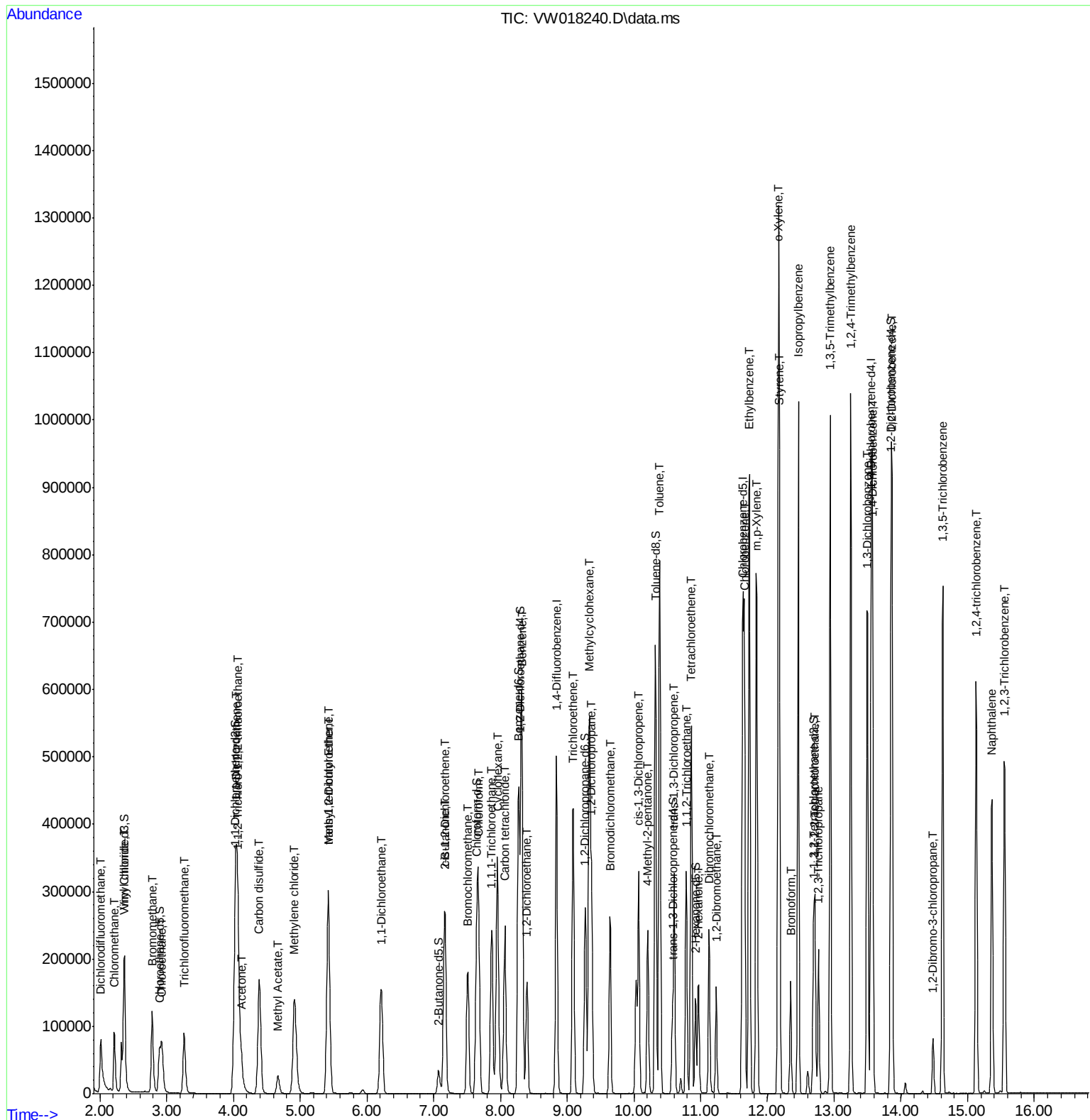
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	207169	25.93	ug/L	94
30) 1,1,1-Trichloroethane	7.866	97	207873	25.97	ug/L	94
31) Carbon tetrachloride	8.067	117	205712	26.50	ug/L	100
33) Benzene	8.323	78	544309	25.59	ug/L	100
34) Trichloroethene	9.092	95	152938	25.71	ug/L	93
35) Methylcyclohexane	9.336	83	254072	25.82	ug/L	96
37) 1,2-Dichloropropane	9.366	63	124539	25.33	ug/L	98
38) Bromodichloromethane	9.640	83	177448	25.77	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	208135	26.42	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	143423	57.45	ug/L #	91
42) Toluene	10.384	91	609298	25.99	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	183166	27.10	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	107771	26.78	ug/L	94
46) Tetrachloroethene	10.860	164	136191	25.83	ug/L	99
48) 2-Hexanone	10.969	43	97836	57.42	ug/L #	90
49) Dibromochloromethane	11.128	129	134101	26.97	ug/L	96
50) 1,2-Dibromoethane	11.232	107	106387	26.98	ug/L #	100
51) Chlorobenzene	11.658	112	395258	25.23	ug/L	96
52) Ethylbenzene	11.731	91	675699	25.55	ug/L	100
53) m,p-Xylene	11.841	106	265479	25.71	ug/L	91
54) o-Xylene	12.164	106	250247	25.64	ug/L	98
55) Styrene	12.183	104	431002	26.32	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	122907	27.30	ug/L	98
59) Bromoform	12.347	173	79528	26.51	ug/L	98
60) Isopropylbenzene	12.463	105	692815	25.17	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	91137	26.40	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	579126	25.11	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	578659	25.17	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	316344	23.91	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	325386	24.55	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	291739	24.57	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	20214	26.94	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	250905	24.65	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	206012	24.47	ug/L	95
71) Naphthalene	15.365	128	409046	27.67	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	185422	25.15	ug/L	98

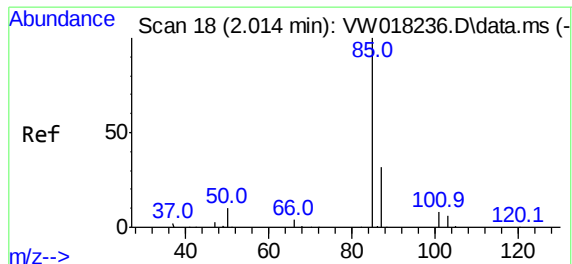
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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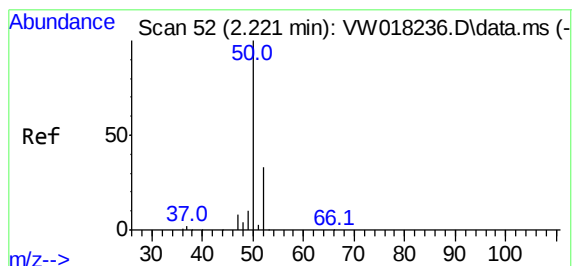
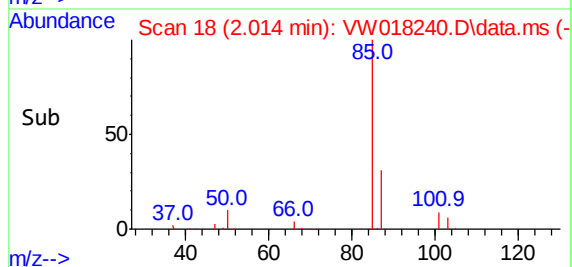
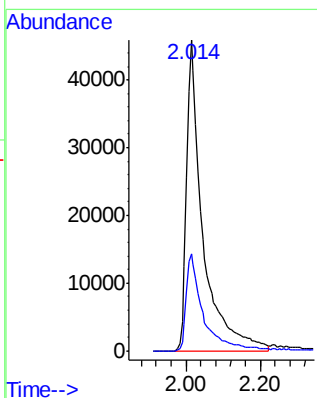
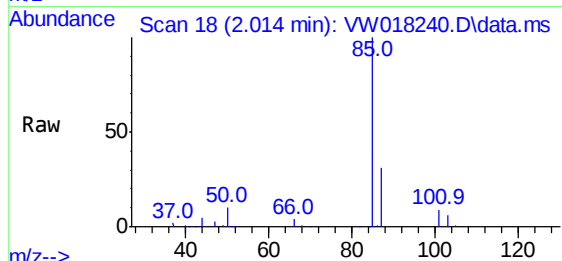




#2
Dichlorodifluoromethane
Concen: 25.61 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

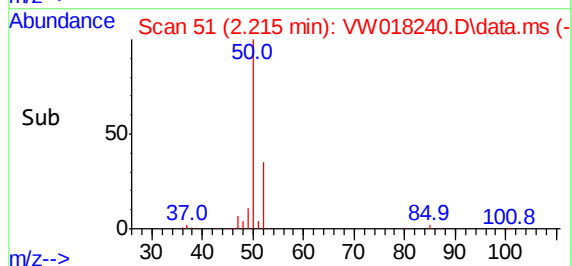
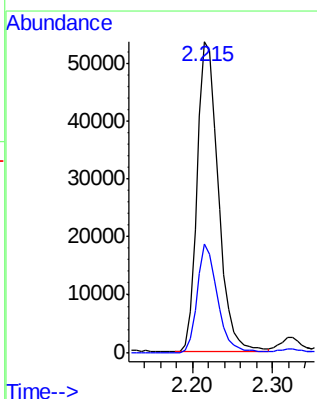
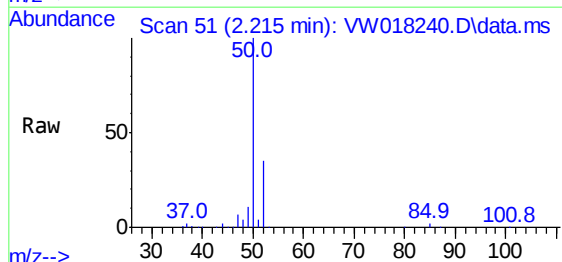
Instrument :
MSVOA_W
ClientSampled :
VSTD025105

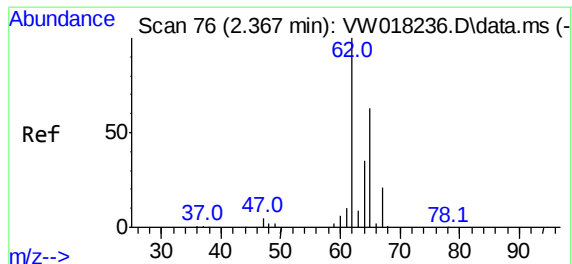
Tgt Ion: 85 Resp: 138952
Ion Ratio Lower Upper
85 100
87 30.4 23.3 34.9



#3
Chloromethane
Concen: 23.55 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 50 Resp: 97980
Ion Ratio Lower Upper
50 100
52 34.7 22.5 41.9

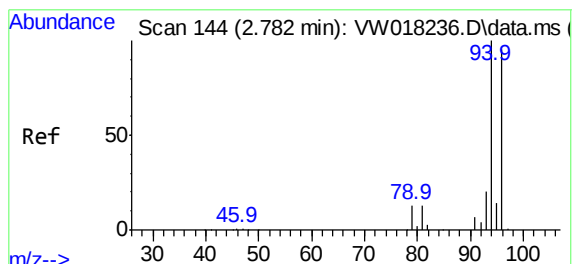
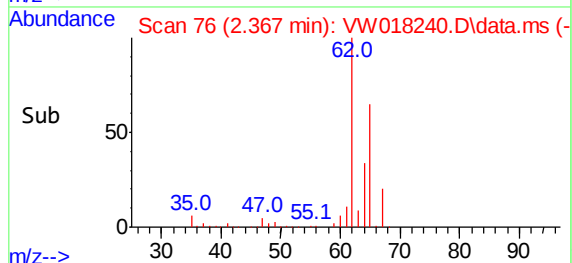
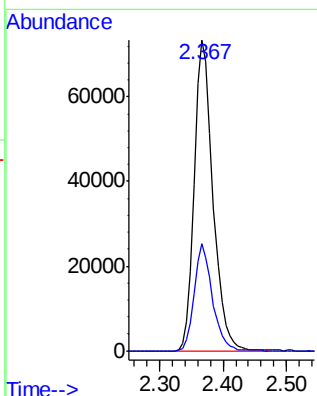
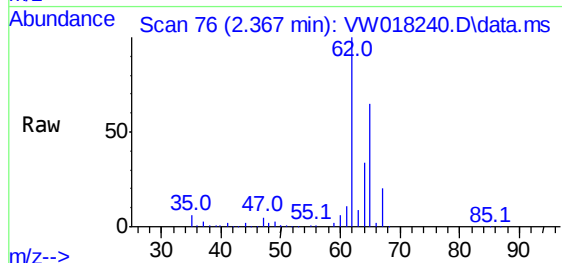




#5
 Vinyl chloride
 Concen: 24.66 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018240.D
 Acq: 25 Feb 2021 17:10

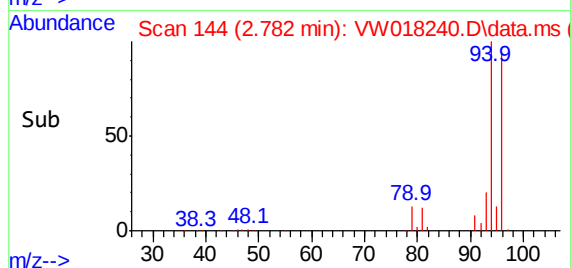
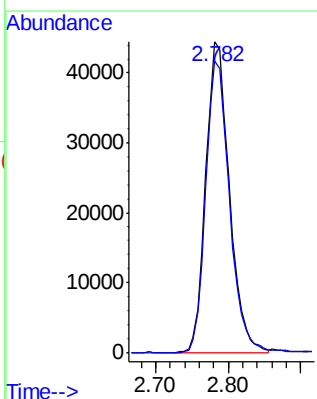
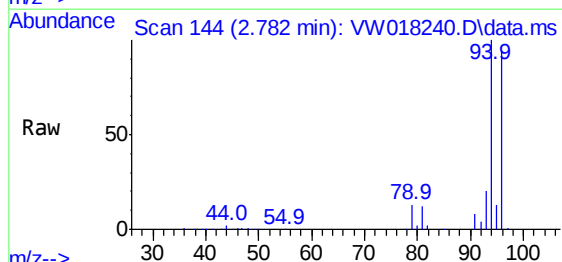
Instrument :
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 ClientSampleId :
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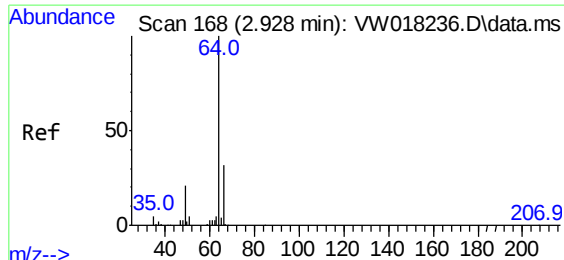
Tgt Ion: 62 Resp: 147489
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.2 45.0



#6
 Bromomethane
 Concen: 24.10 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018240.D
 Acq: 25 Feb 2021 17:10

Tgt Ion: 94 Resp: 99970
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.3 121.3

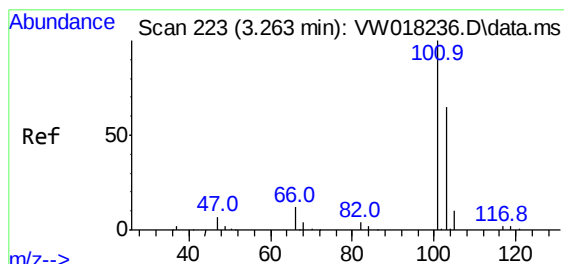
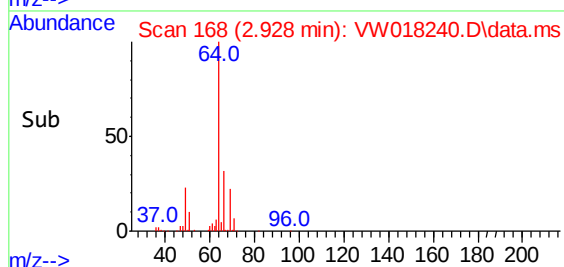
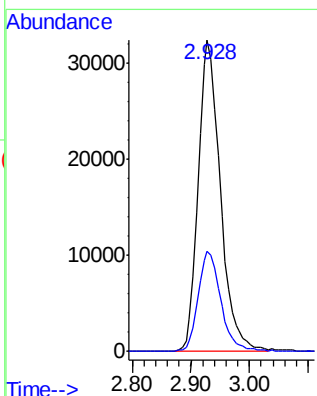
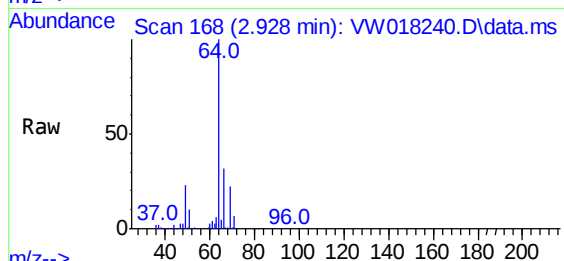




#8
Chloroethane
Concen: 25.23 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

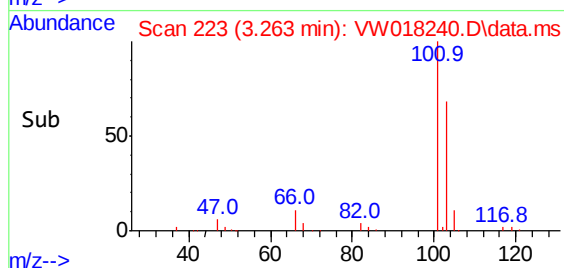
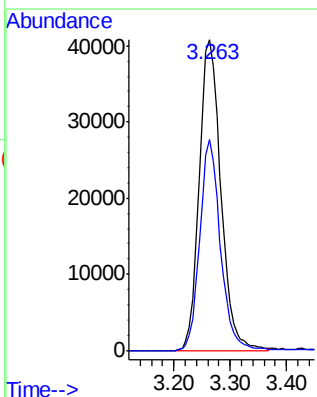
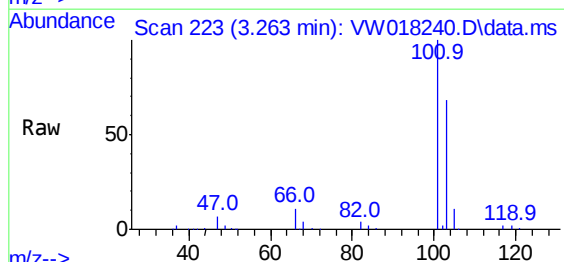
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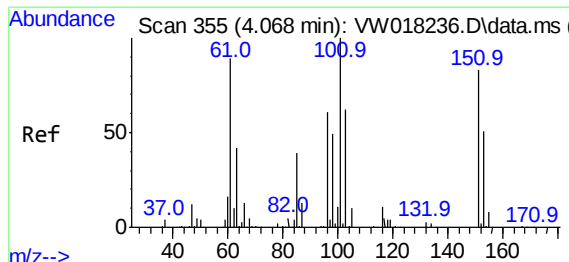
Tgt Ion: 64 Resp: 84429
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.17 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 101 Resp: 107661
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4



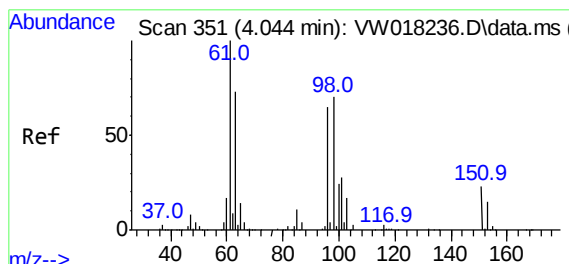
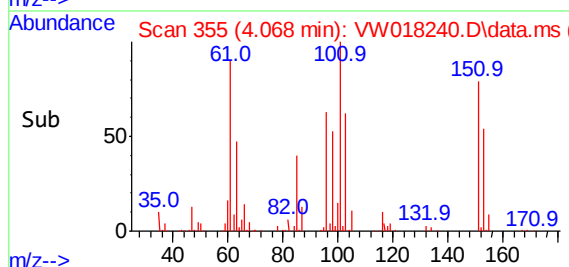
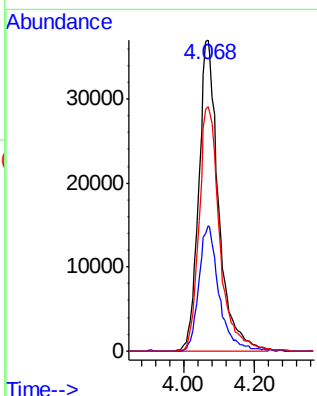
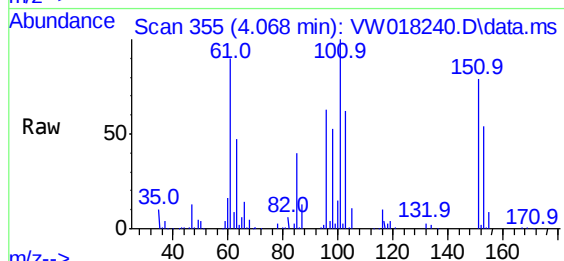


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.65 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018240.D
 Acq: 25 Feb 2021 17:10

Instrument :
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 VSTD025105

Tgt Ion:101 Resp: 143849

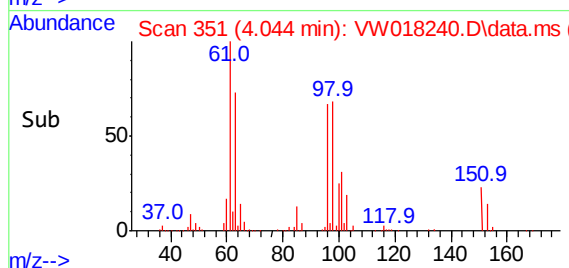
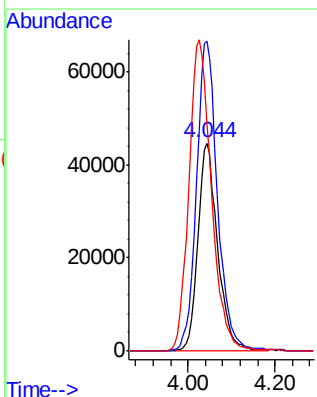
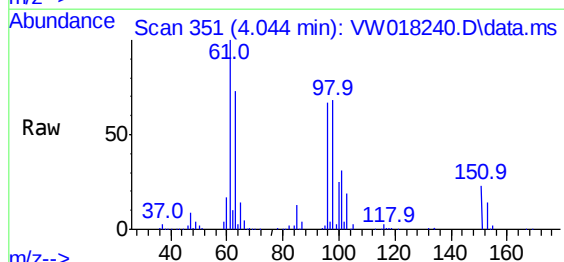
Ion	Ratio	Lower	Upper
101	100		
85	40.8	38.2	57.2
151	80.1	56.6	85.0

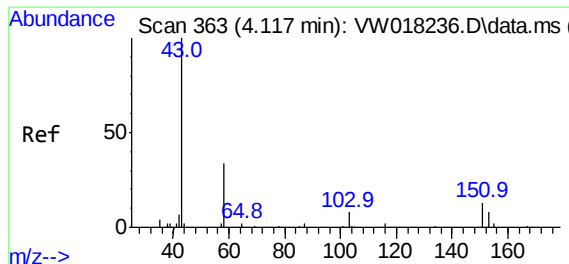


#12
 1,1-Dichloroethene
 Concen: 25.00 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018240.D
 Acq: 25 Feb 2021 17:10

Tgt Ion: 96 Resp: 141170

Ion	Ratio	Lower	Upper
96	100		
61	149.2	118.1	219.3
63	109.1	83.7	155.5

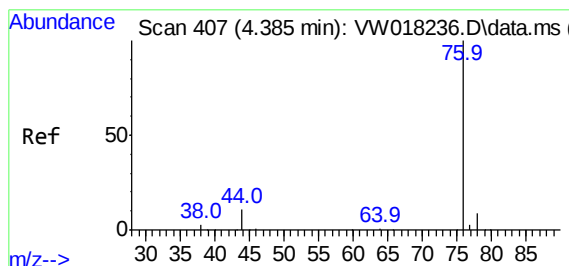
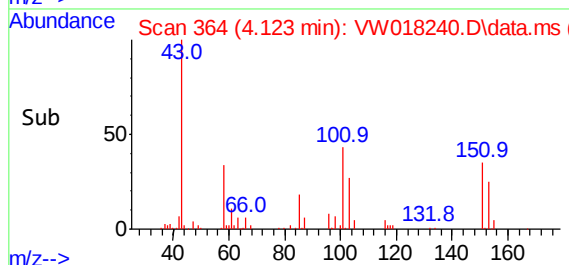
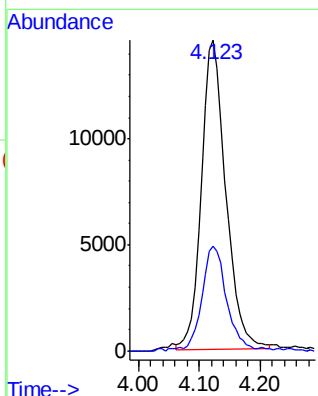
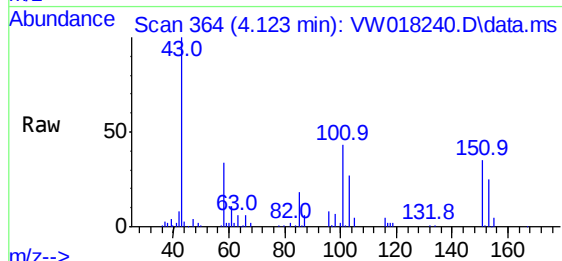




#13
Acetone
Concen: 54.93 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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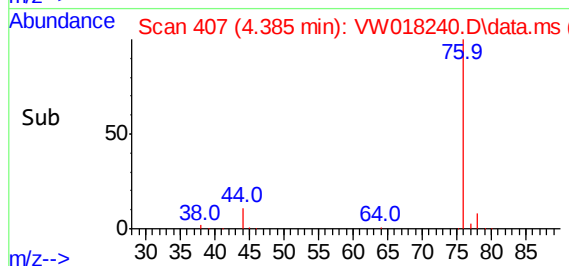
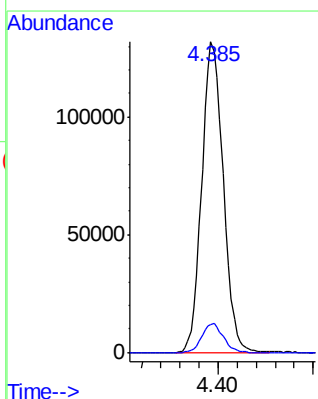
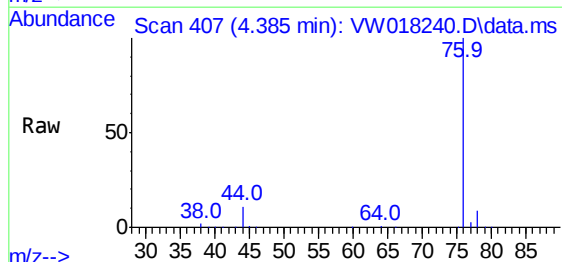
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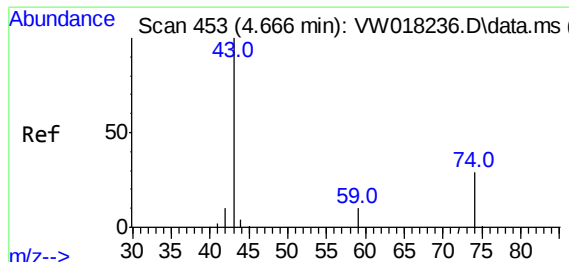
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Ion Ratio Lower Upper
43 100
58 34.0 0.0 53.8



#14
Carbon disulfide
Concen: 23.84 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 76 Resp: 411259
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

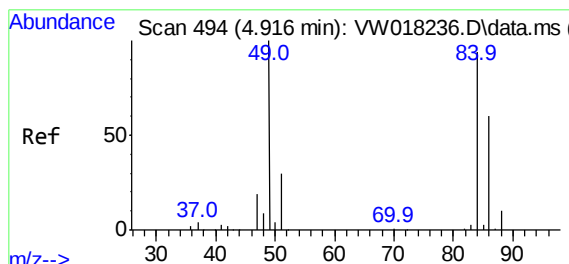
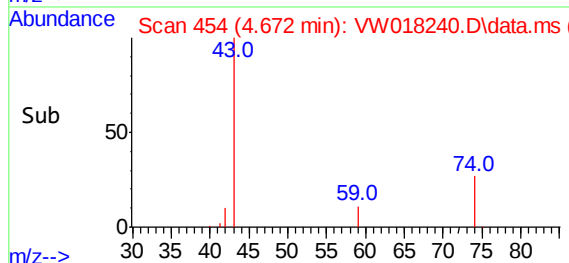
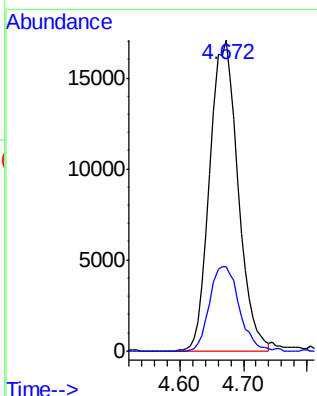
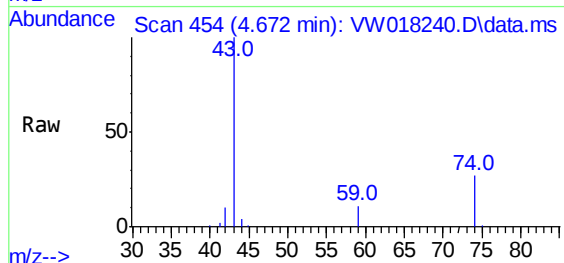




#15
Methyl Acetate
Concen: 26.66 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

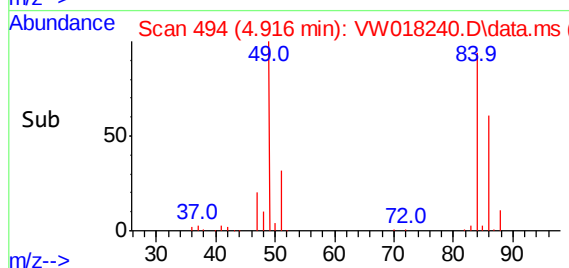
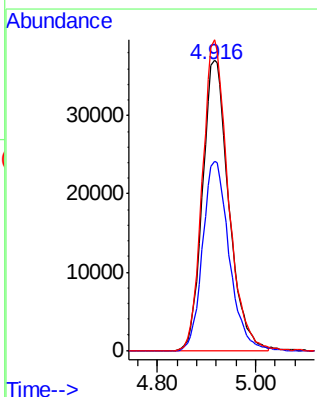
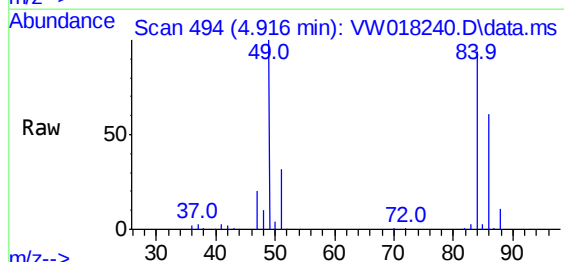
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

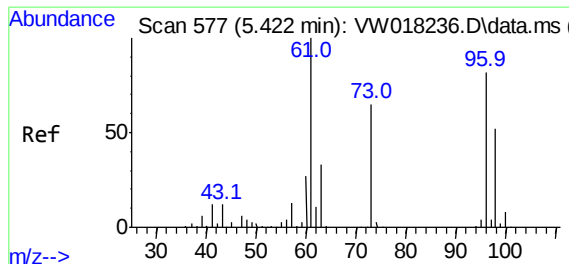
Tgt Ion: 43 Resp: 51502
Ion Ratio Lower Upper
43 100
74 27.9 20.0 30.0



#16
Methylene chloride
Concen: 22.25 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 84 Resp: 137616
Ion Ratio Lower Upper
84 100
86 65.1 45.3 84.1
49 106.9 86.6 160.8



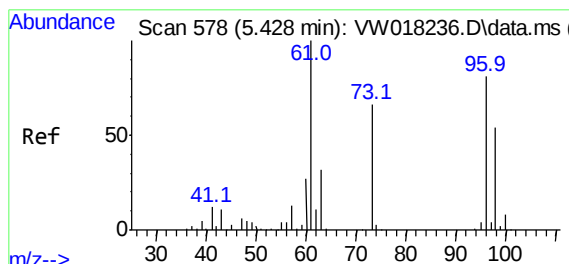
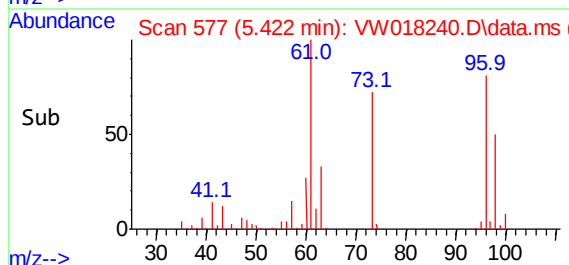
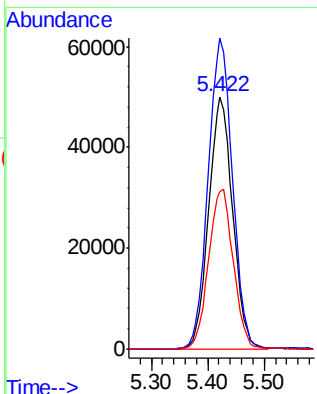
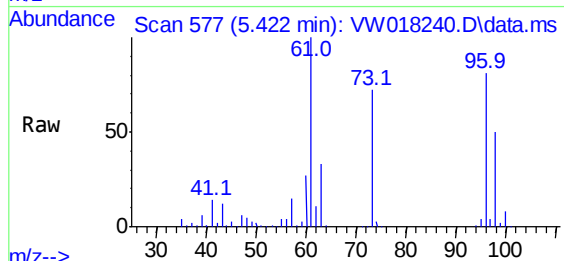


#17
trans-1,2-Dichloroethene
Concen: 24.29 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

Tgt Ion: 96 Resp: 146362

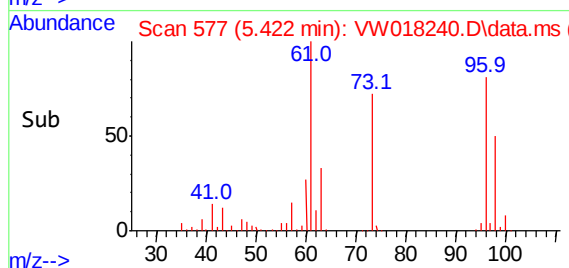
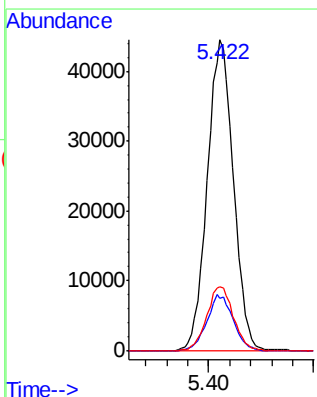
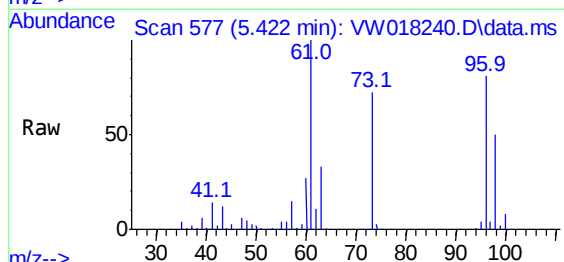
Ion	Ratio	Lower	Upper
96	100		
61	123.2	98.3	182.7
98	62.1	46.1	85.7

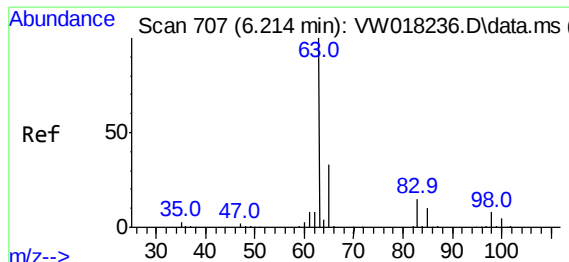


#18
Methyl tert-butyl Ether
Concen: 25.51 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 73 Resp: 153189

Ion	Ratio	Lower	Upper
73	100		
43	17.8	17.7	26.5
57	20.8	17.0	25.4

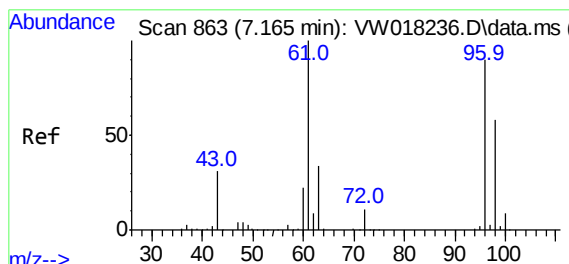
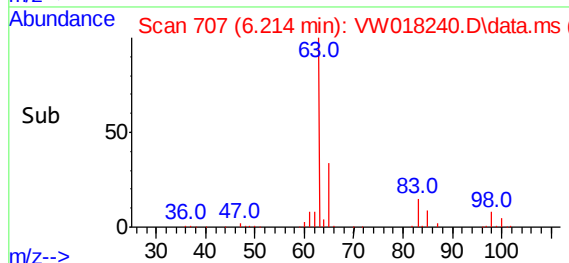
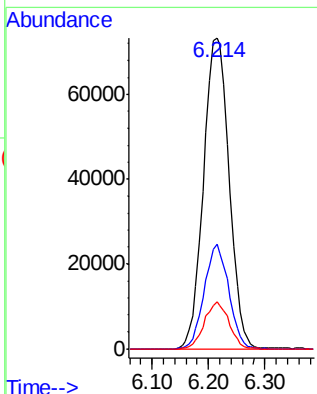
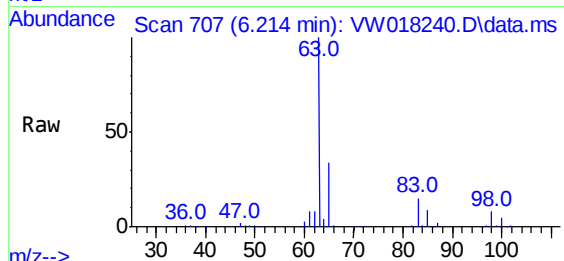




#19
1,1-Dichloroethane
Concen: 24.35 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

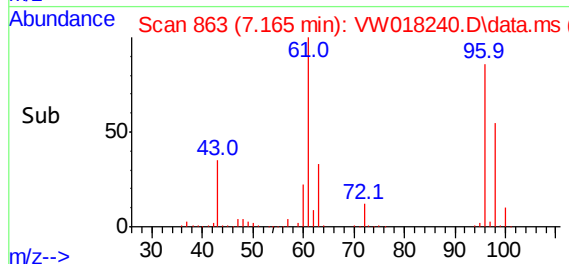
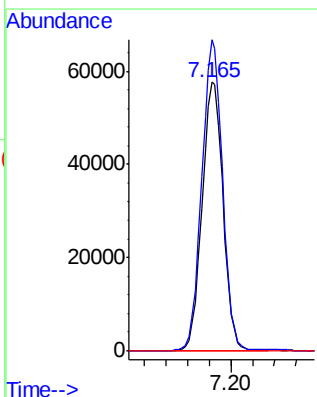
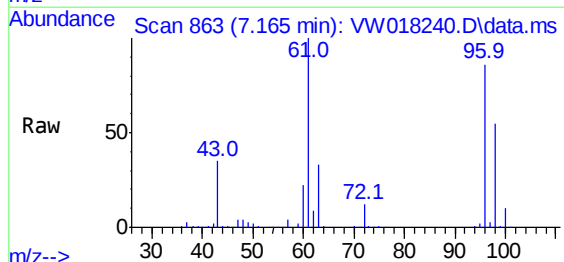
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

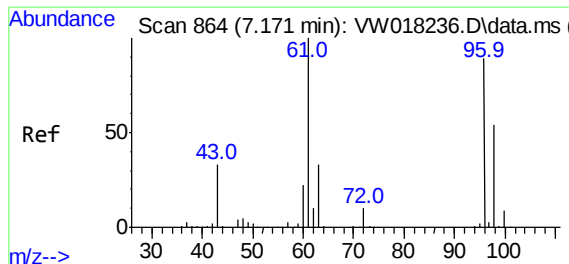
Tgt Ion: 63 Resp: 229678
Ion Ratio Lower Upper
63 100
65 33.8 22.9 42.5
83 15.0 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 24.44 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 96 Resp: 152979
Ion Ratio Lower Upper
96 100
61 115.9 88.5 164.3
68 0.0 0.0 0.0

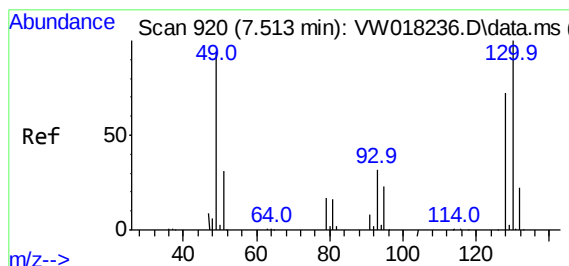
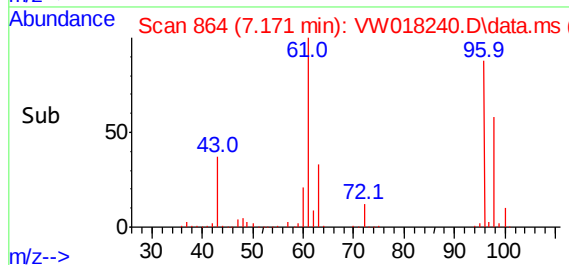
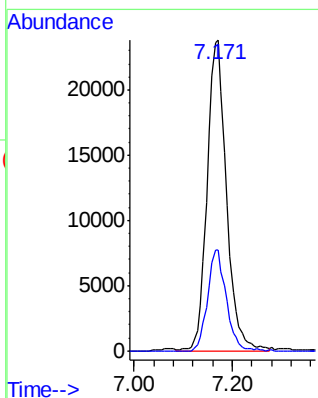
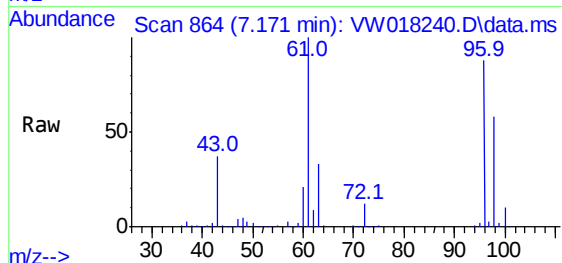




#22
2-Butanone
Concen: 55.48 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

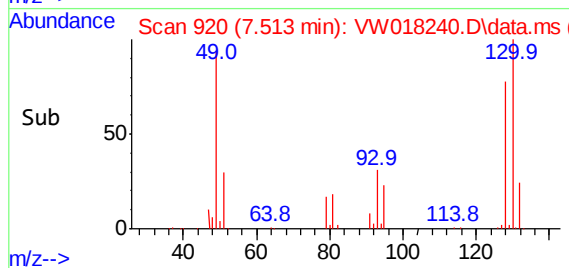
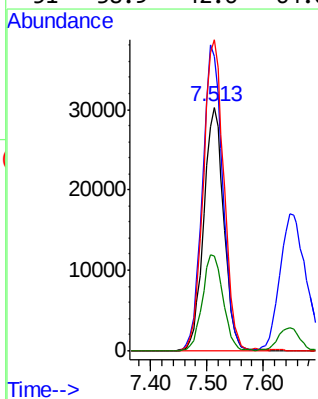
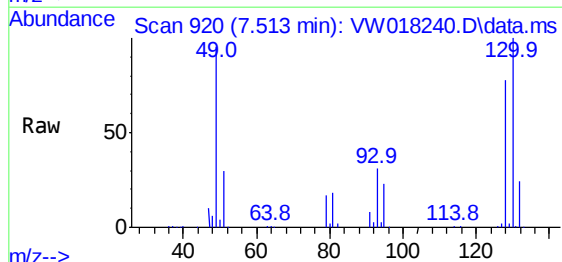
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

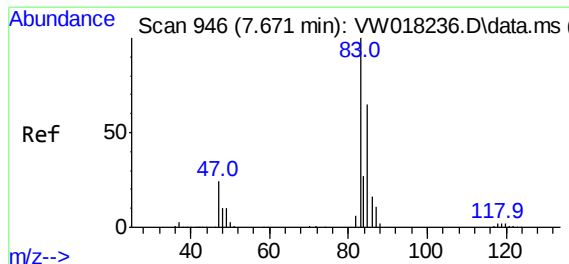
Tgt Ion: 43 Resp: 65203
Ion Ratio Lower Upper
43 100
72 31.1 14.9 44.7



#23
Bromochloromethane
Concen: 24.63 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 128 Resp: 73539
Ion Ratio Lower Upper
128 100
49 121.0 116.3 215.9
130 127.9 82.4 153.0
51 38.9 42.6 64.0#

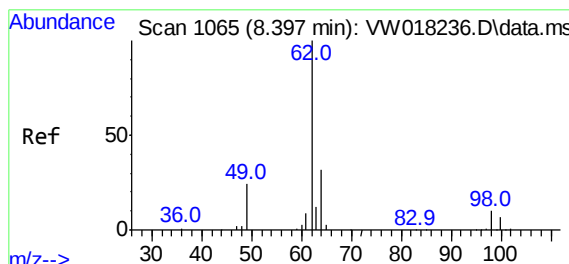
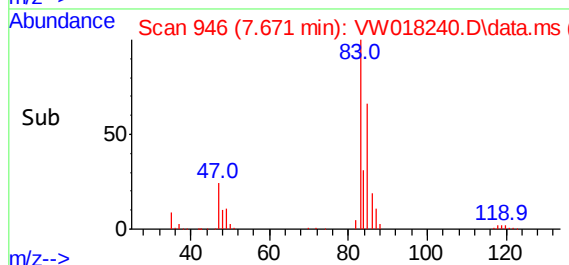
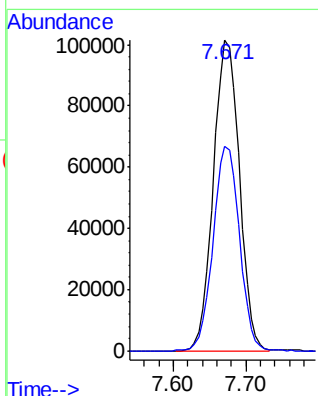
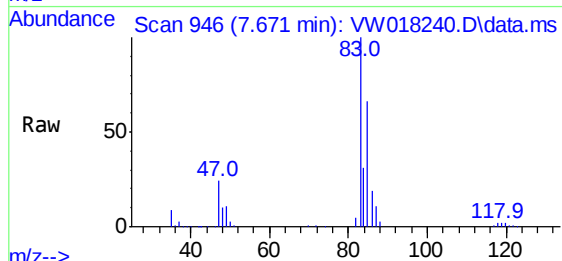




#25
Chloroform
Concen: 24.47 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

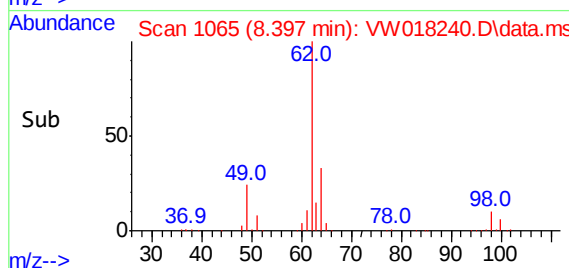
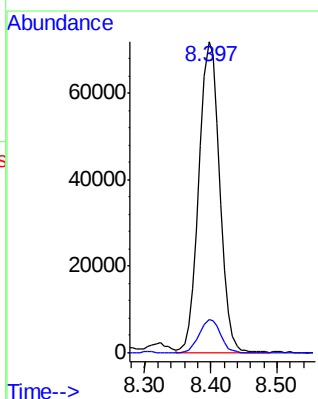
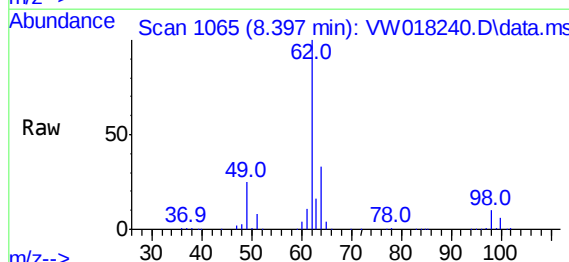
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

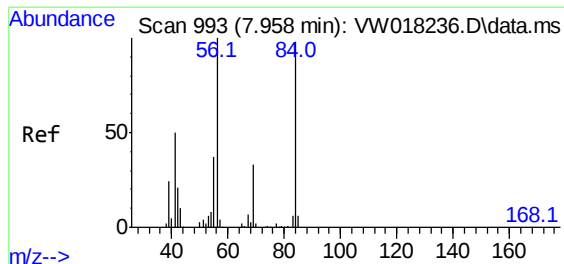
Tgt Ion: 83 Resp: 251400
Ion Ratio Lower Upper
83 100
85 65.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.13 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 62 Resp: 156198
Ion Ratio Lower Upper
62 100
98 10.4 6.9 10.3#



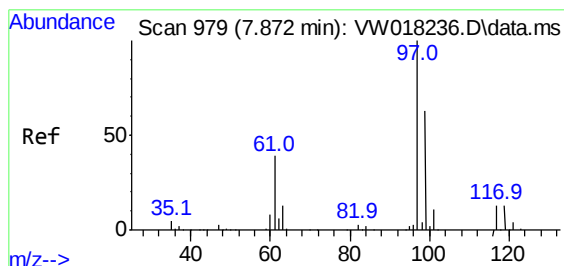
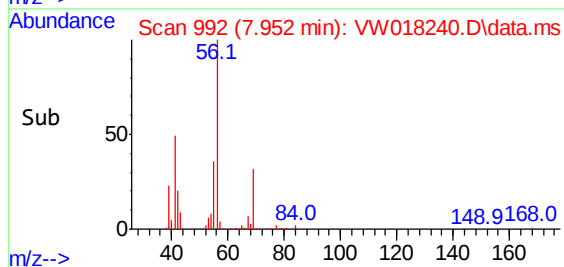
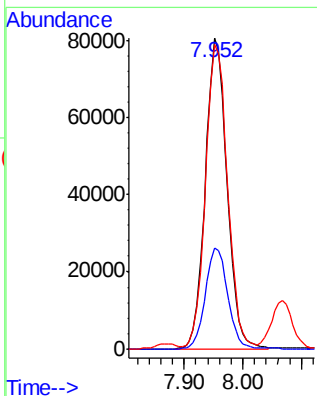
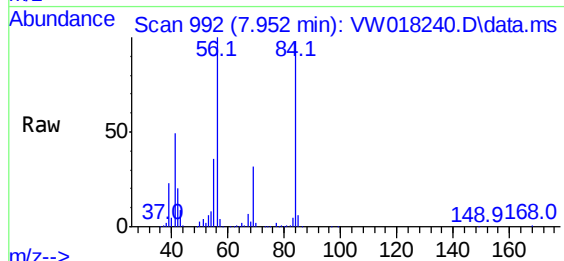


#29
Cyclohexane
Concen: 25.93 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

Tgt Ion: 56 Resp: 207169

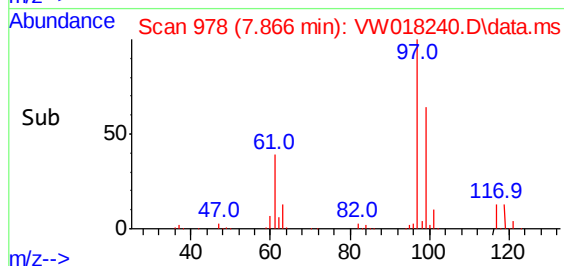
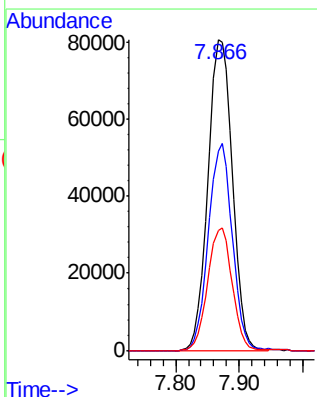
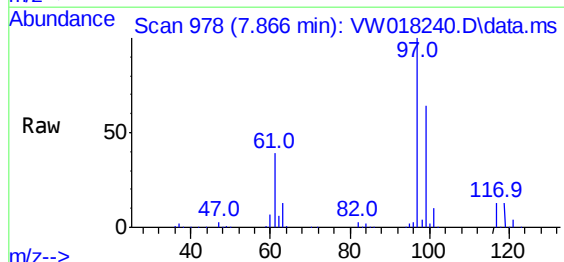
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.5	36.7
84	99.9	75.0	112.4

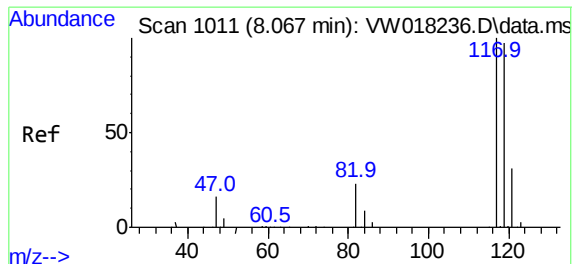


#30
1,1,1-Trichloroethane
Concen: 25.97 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 97 Resp: 207873

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	39.4	37.8	56.6

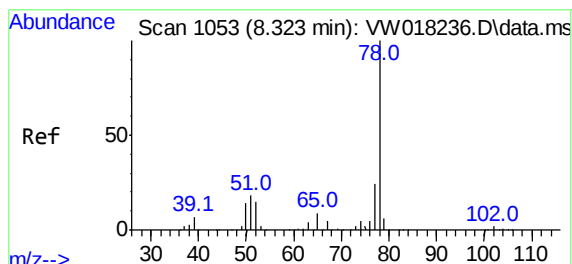
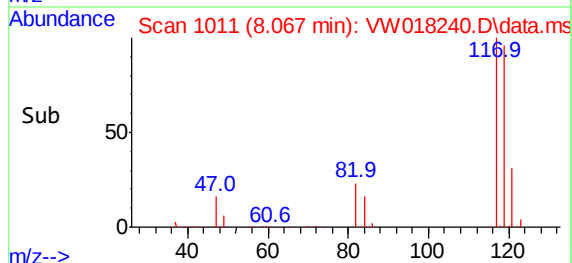
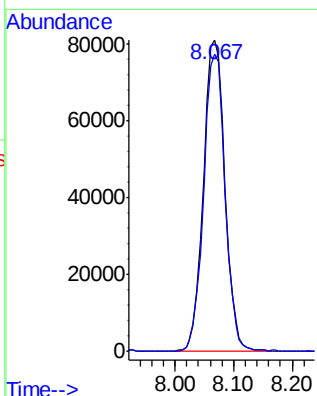
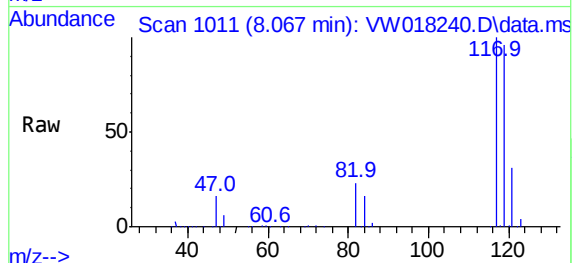




#31
Carbon tetrachloride
Concen: 26.50 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

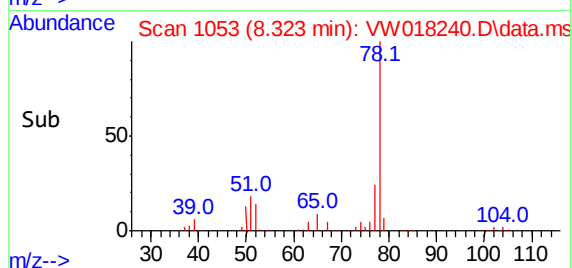
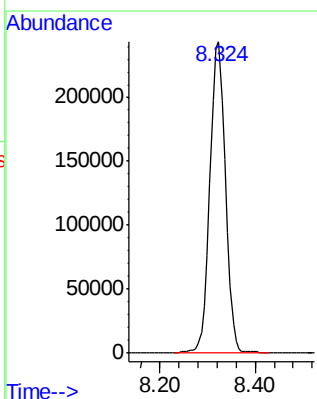
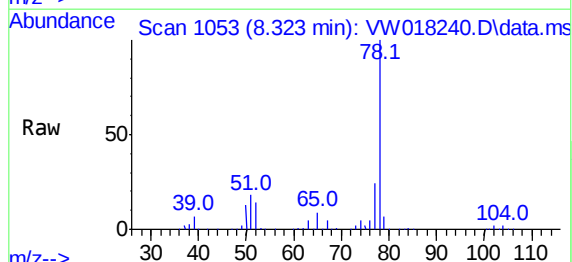
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

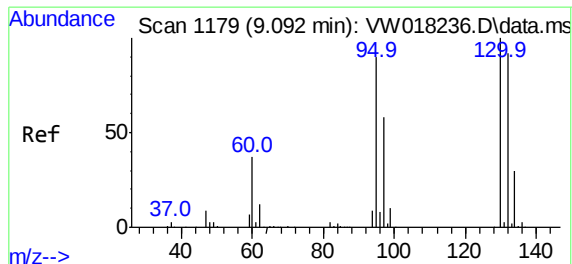
Tgt Ion:117 Resp: 205712
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 25.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 78 Resp: 544309

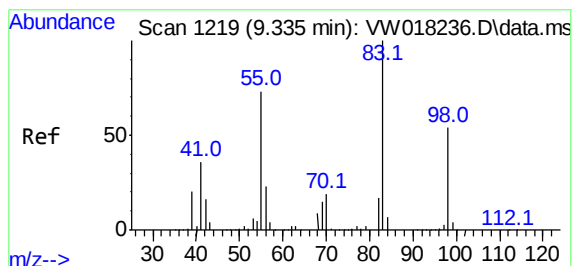
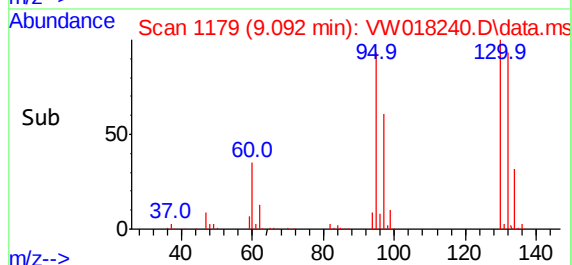
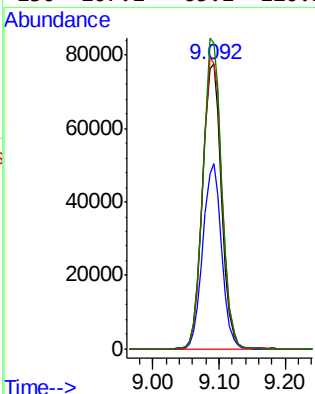
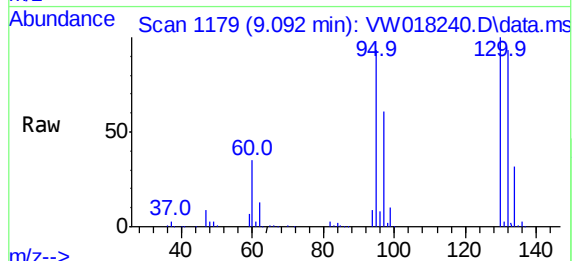




#34
Trichloroethene
Concen: 25.71 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

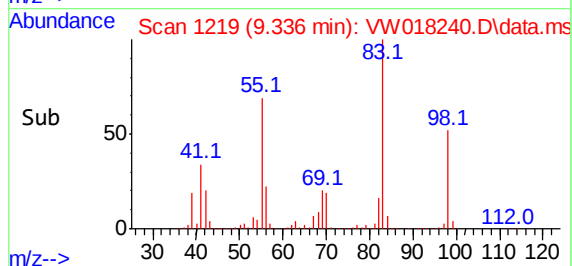
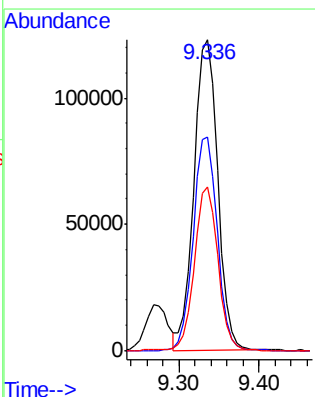
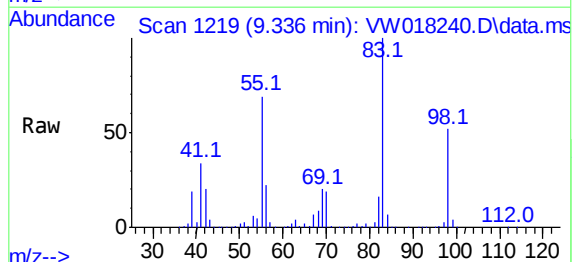
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

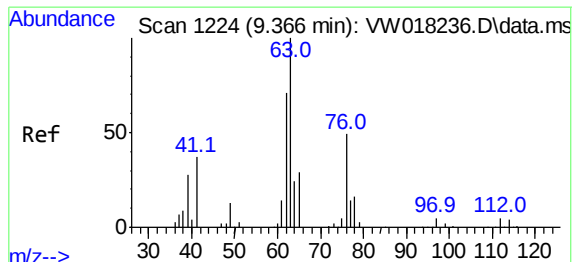
Tgt Ion: 95 Resp: 152938
Ion Ratio Lower Upper
95 100
97 65.1 47.3 87.8
132 100.1 71.0 131.8
130 107.1 65.1 120.9



#35
Methylcyclohexane
Concen: 25.82 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 83 Resp: 254072
Ion Ratio Lower Upper
83 100
55 69.4 58.9 88.3
98 52.0 40.1 60.1

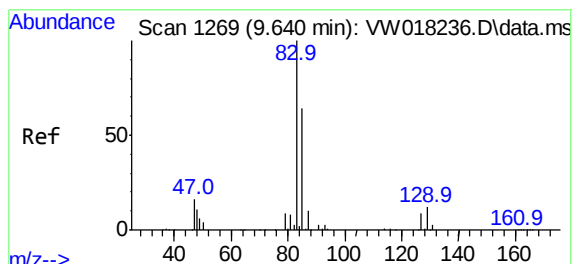
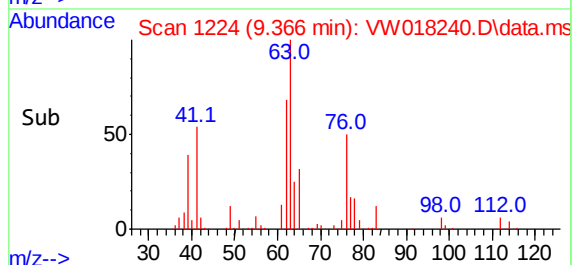
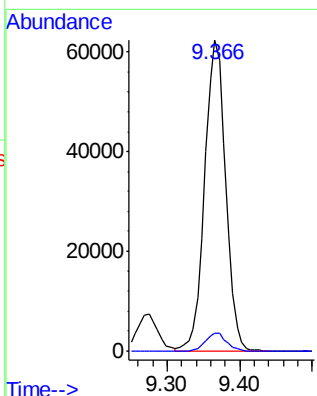
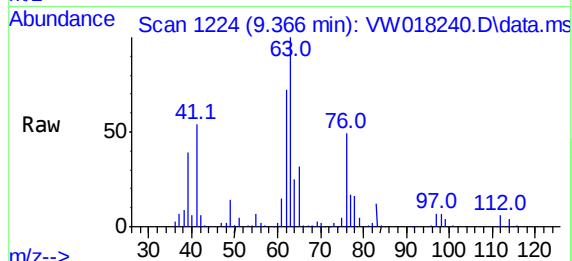




#37
1,2-Dichloropropane
Concen: 25.33 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

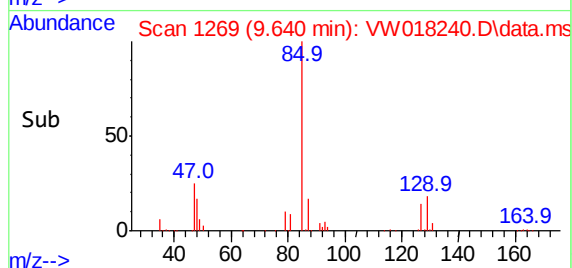
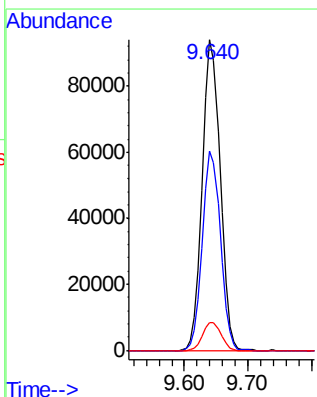
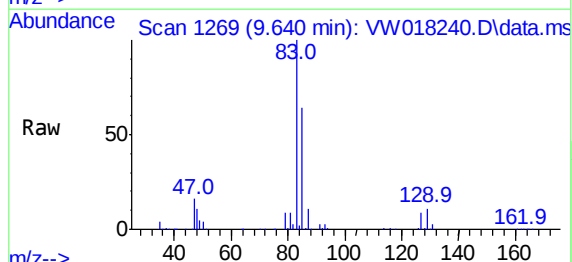
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

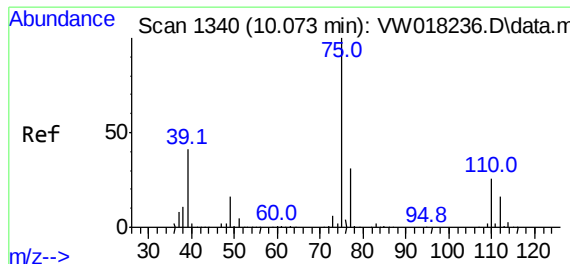
Tgt Ion: 63 Resp: 124539
Ion Ratio Lower Upper
63 100
112 5.5 3.9 5.9



#38
Bromodichloromethane
Concen: 25.77 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 83 Resp: 177448
Ion Ratio Lower Upper
83 100
85 64.2 42.3 78.5
127 9.1 6.6 9.8

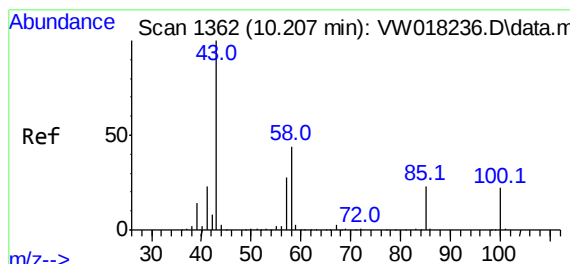
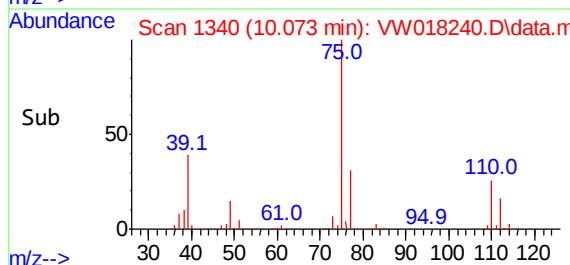
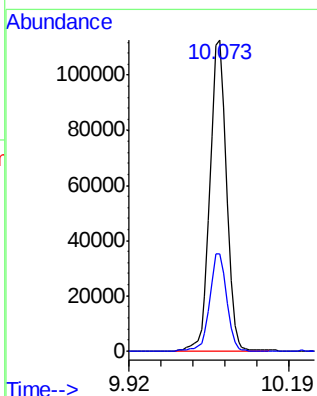
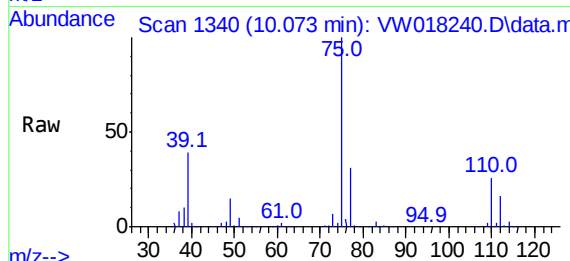




#39
cis-1,3-Dichloropropene
Concen: 26.42 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

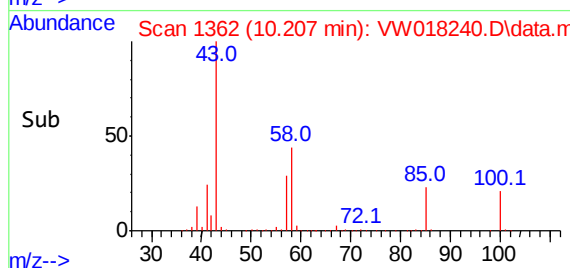
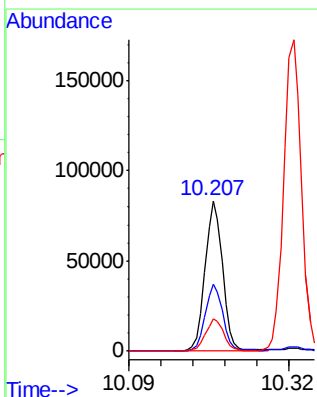
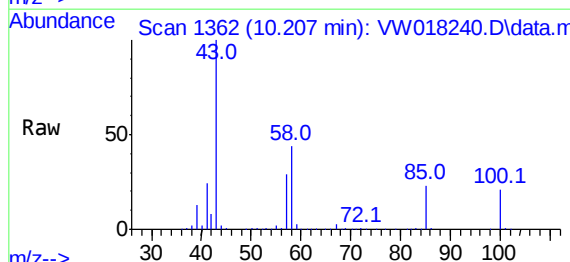
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

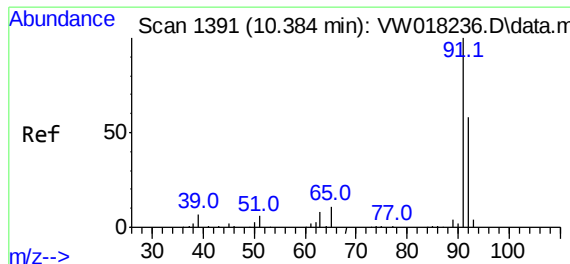
Tgt Ion: 75 Resp: 208135
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 57.45 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 43 Resp: 143423
Ion Ratio Lower Upper
43 100
58 44.0 31.0 46.4
100 21.1 13.0 19.6#

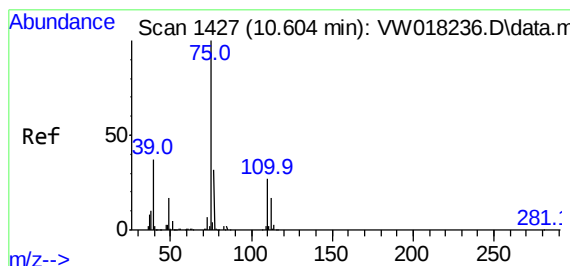
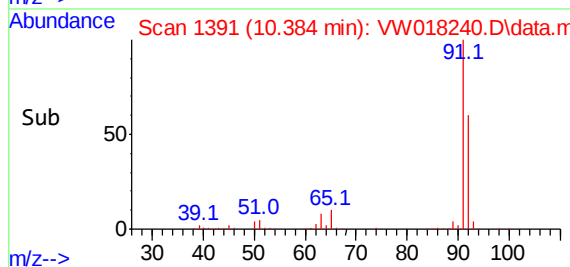
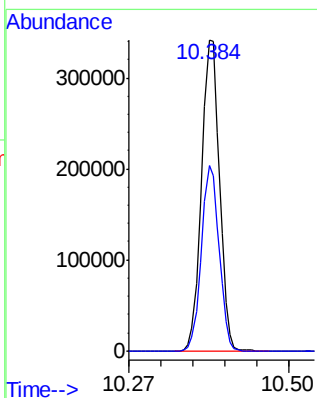
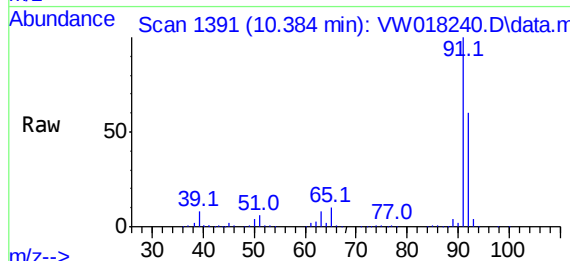




#42
Toluene
Concen: 25.99 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

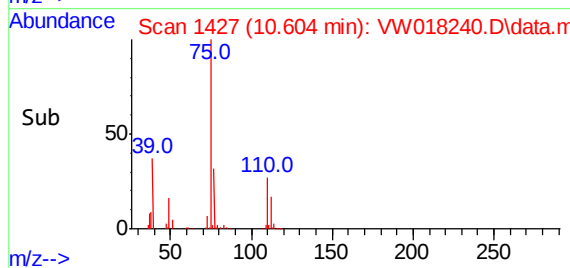
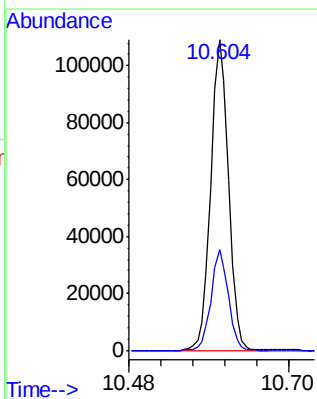
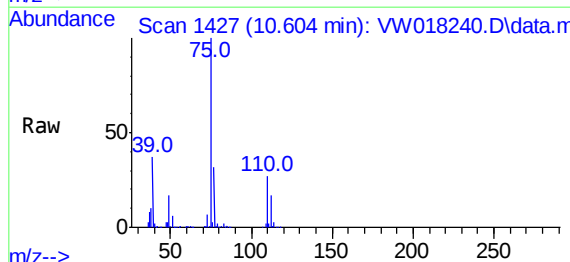
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

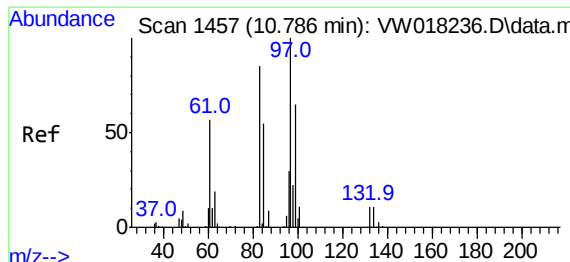
Tgt Ion: 91 Resp: 609298
Ion Ratio Lower Upper
91 100
92 59.6 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 27.10 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 75 Resp: 183166
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.1



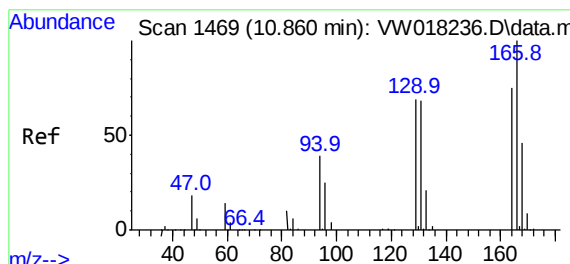
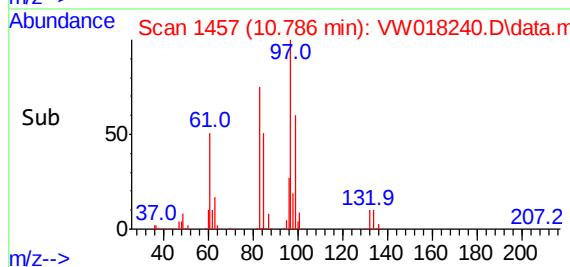
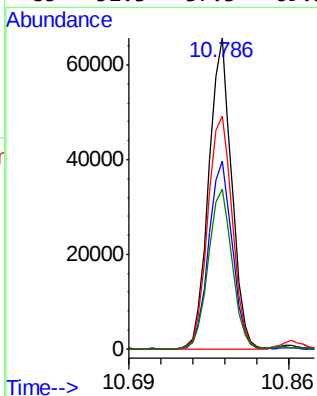
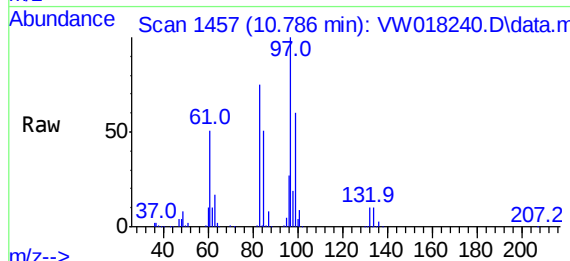


#45
1,1,2-Trichloroethane
Concen: 26.78 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

Tgt Ion: 97 Resp: 107771

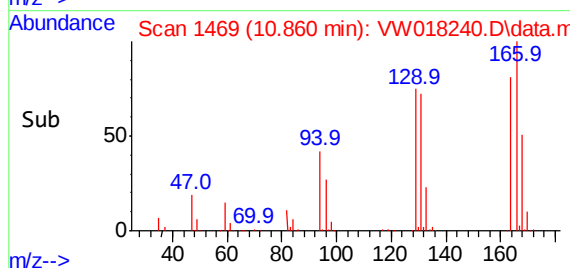
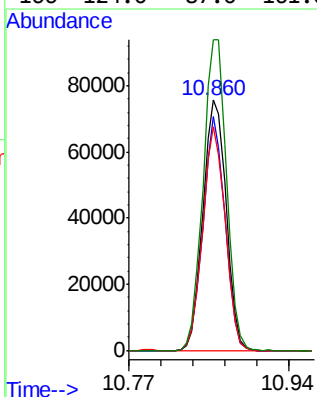
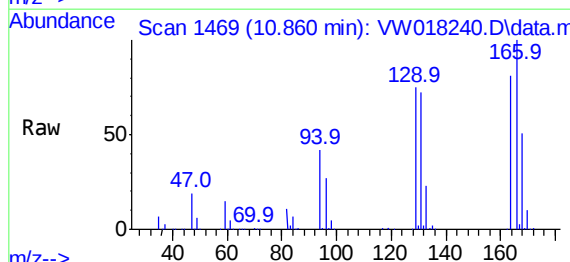
Ion	Ratio	Lower	Upper
97	100		
99	60.4	45.1	83.7
83	74.9	58.1	107.9
85	51.3	37.3	69.3

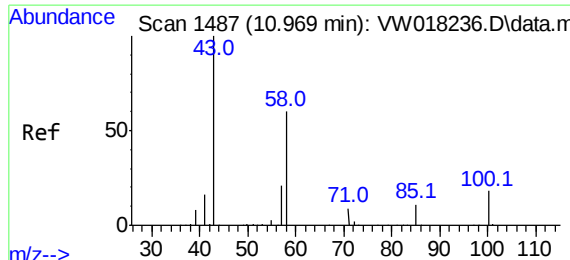


#46
Tetrachloroethene
Concen: 25.83 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 164 Resp: 136191

Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.7	123.9
131	89.1	61.1	113.5
166	124.0	87.0	161.6

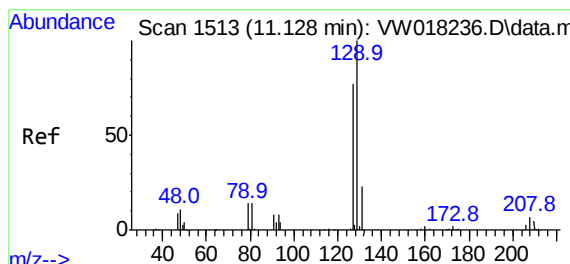
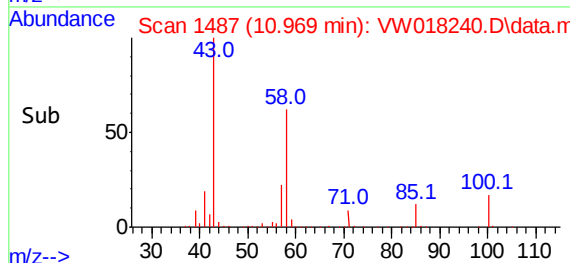
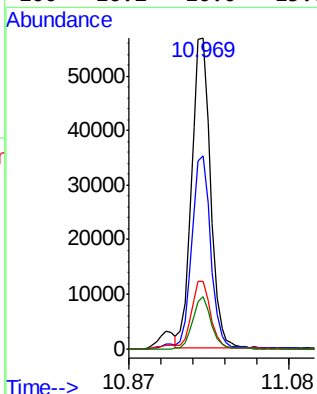
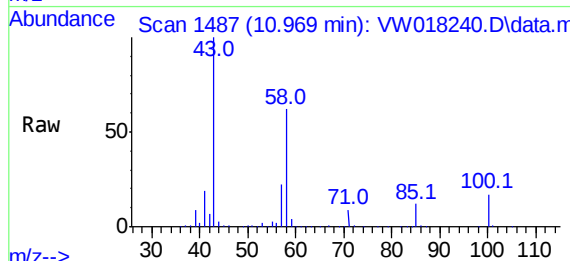




#48
2-Hexanone
Concen: 57.42 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

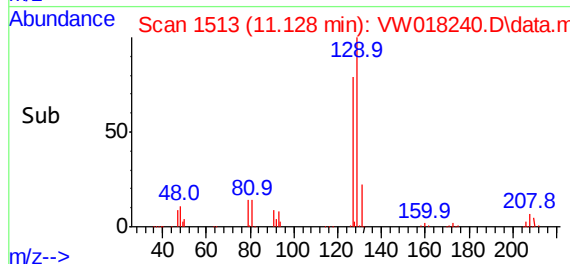
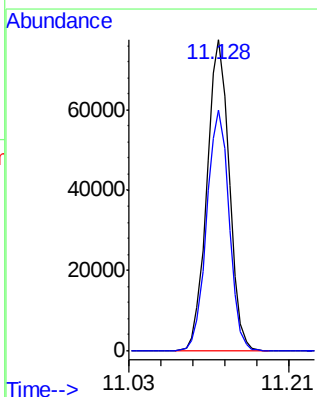
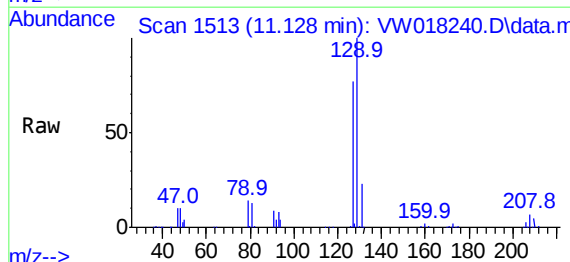
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

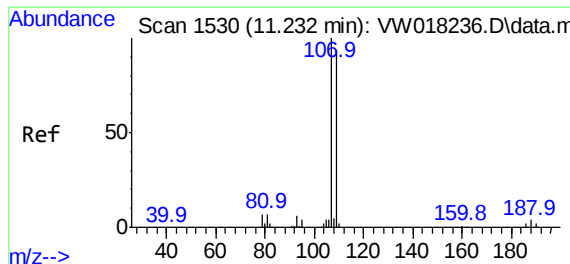
Tgt Ion: 43 Resp: 97836
Ion Ratio Lower Upper
43 100
58 61.9 42.7 64.1
57 22.1 15.8 23.8
100 16.2 10.0 15.0#



#49
Dibromochloromethane
Concen: 26.97 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 129 Resp: 134101
Ion Ratio Lower Upper
129 100
127 77.4 51.7 95.9

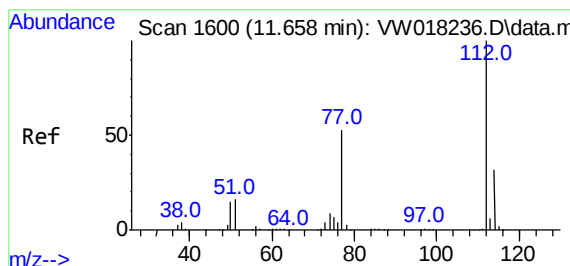
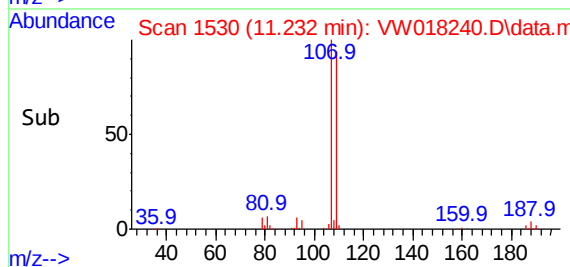
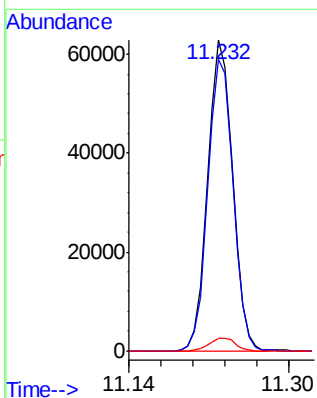
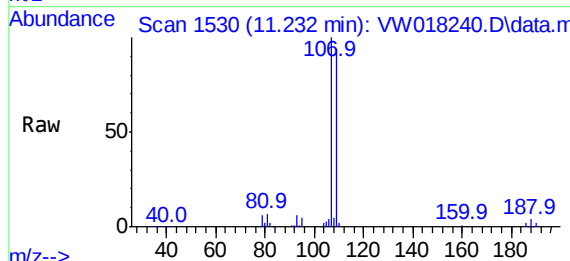




#50
1,2-Dibromoethane
Concen: 26.98 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

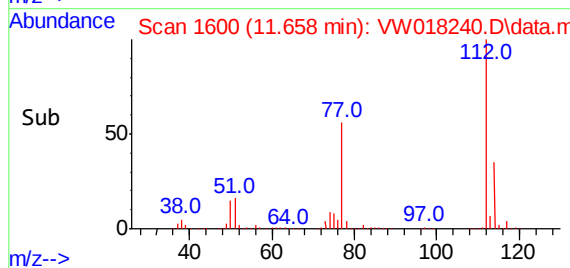
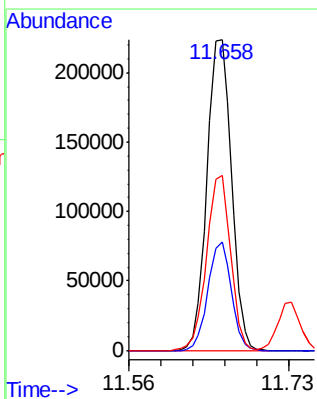
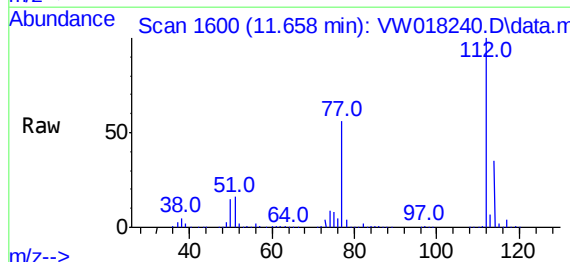
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

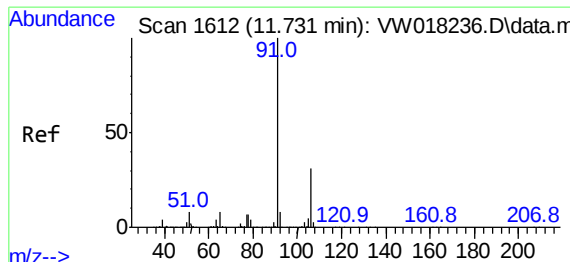
Tgt Ion:107 Resp: 106387
Ion Ratio Lower Upper
107 100
109 93.8 65.4 121.4
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 25.23 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:112 Resp: 395258
Ion Ratio Lower Upper
112 100
114 34.8 23.4 43.6
77 56.3 47.6 71.4

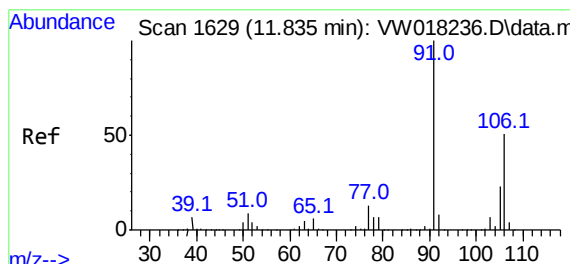
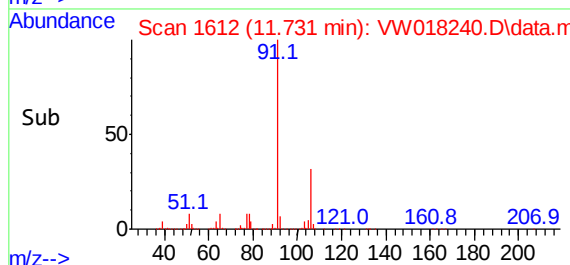
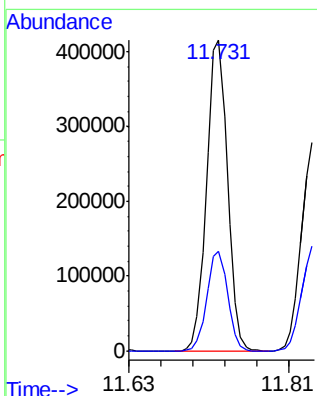
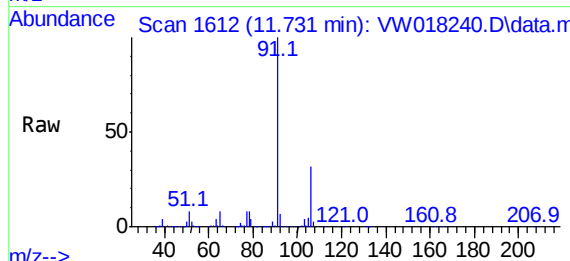




#52
Ethylbenzene
Concen: 25.55 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

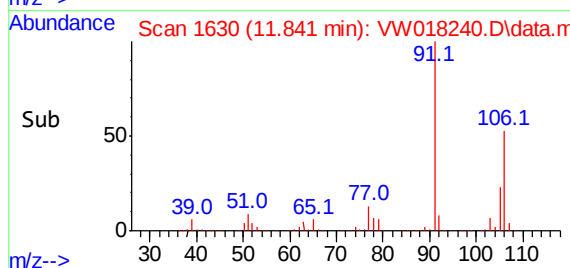
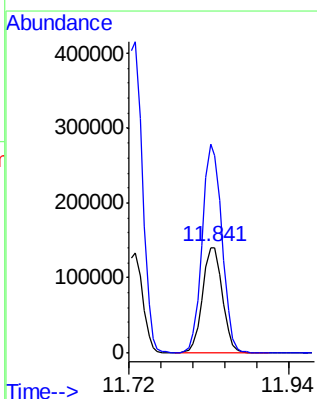
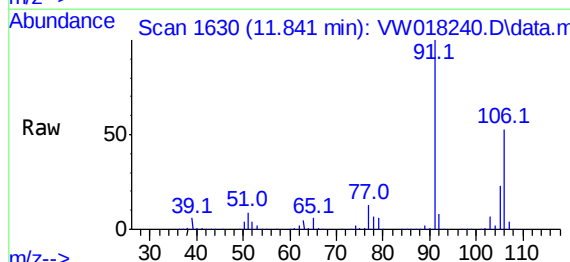
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

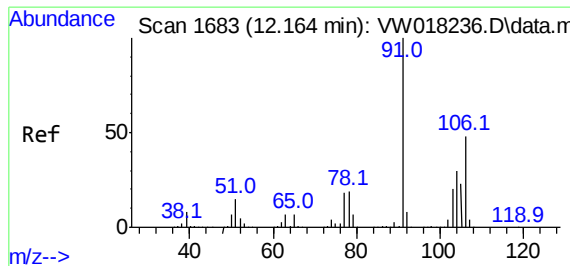
Tgt Ion: 91 Resp: 675699
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 25.71 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 106 Resp: 265479
Ion Ratio Lower Upper
106 100
91 188.4 141.3 262.3

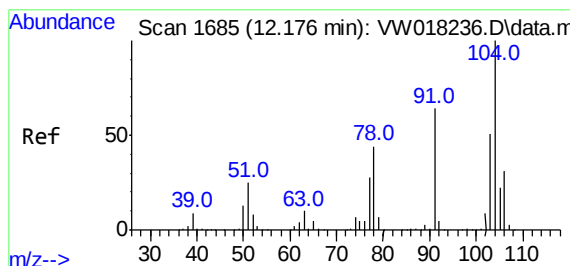
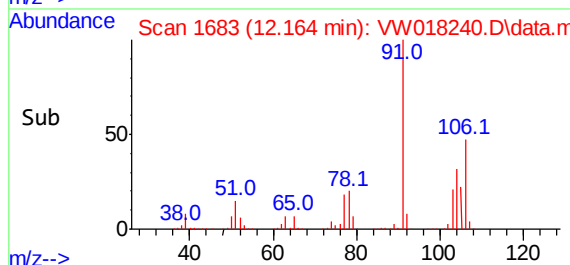
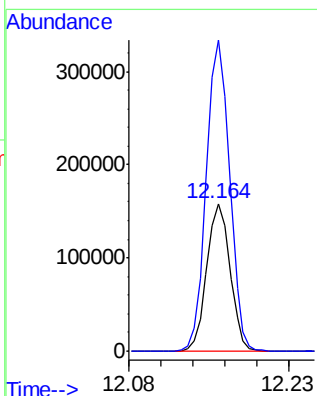
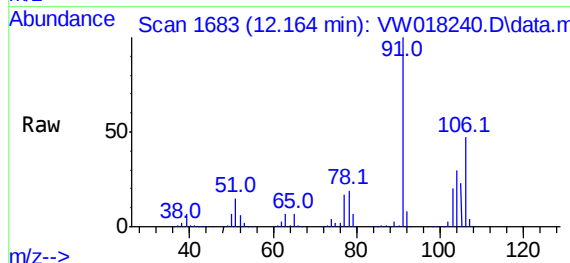




#54
o-Xylene
Concen: 25.64 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

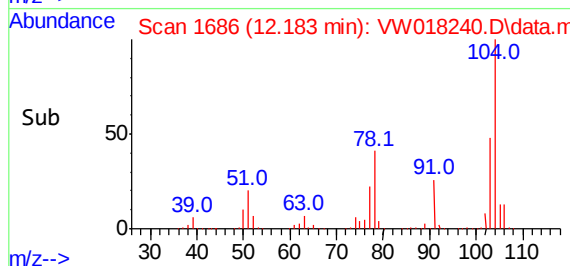
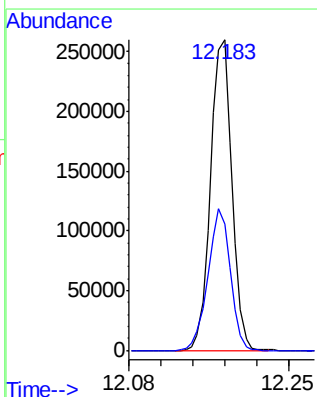
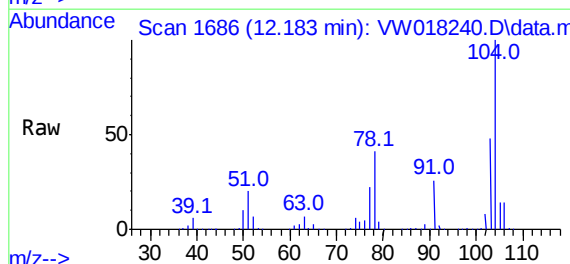
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

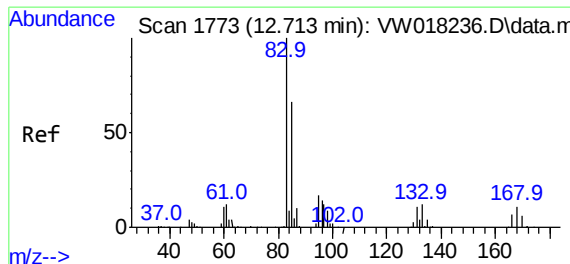
Tgt Ion:106 Resp: 250247
Ion Ratio Lower Upper
106 100
91 211.0 150.0 278.6



#55
Styrene
Concen: 26.32 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:104 Resp: 431002
Ion Ratio Lower Upper
104 100
78 40.8 32.5 60.3



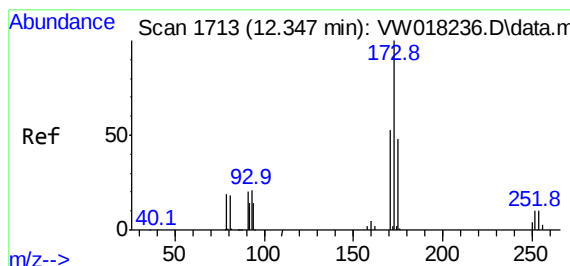
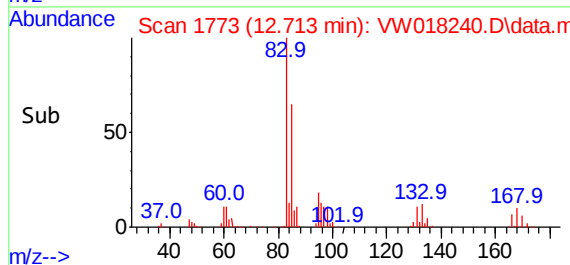
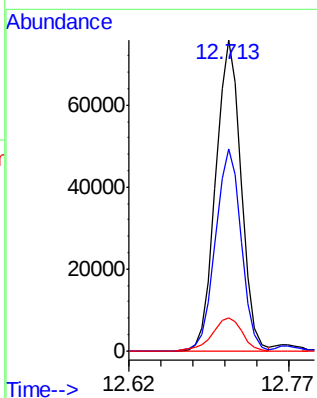
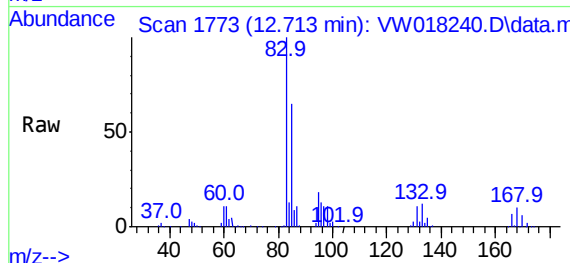


#57
1,1,2,2-Tetrachloroethane
Concen: 27.30 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

Tgt Ion: 83 Resp: 122907

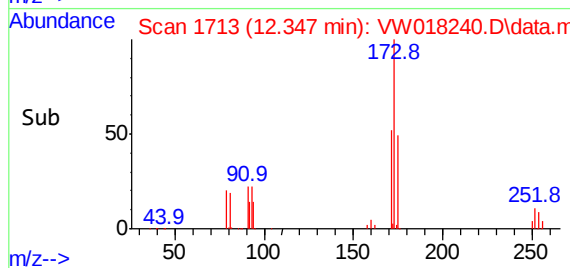
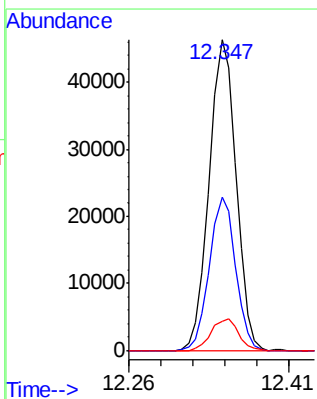
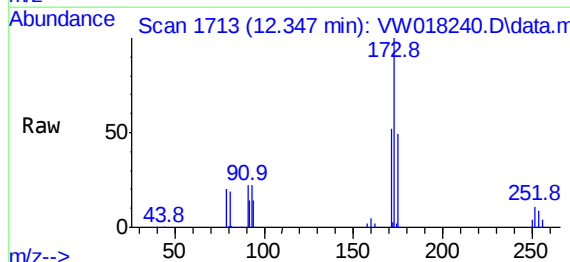
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.4	82.4
131	10.7	8.2	12.4

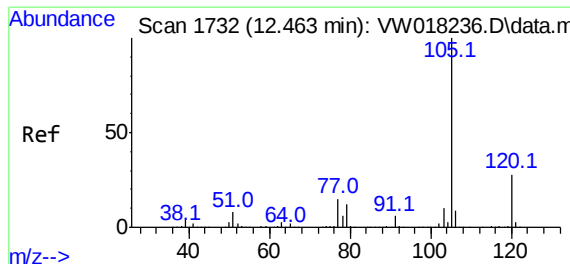


#59
Bromoform
Concen: 26.51 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 173 Resp: 79528

Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	10.2	7.0	10.4

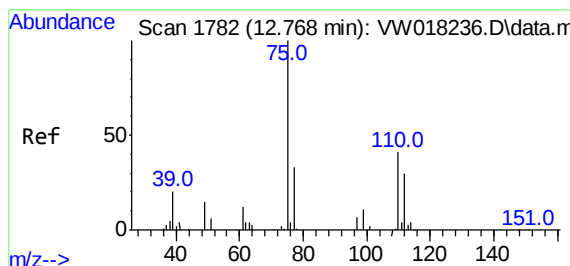
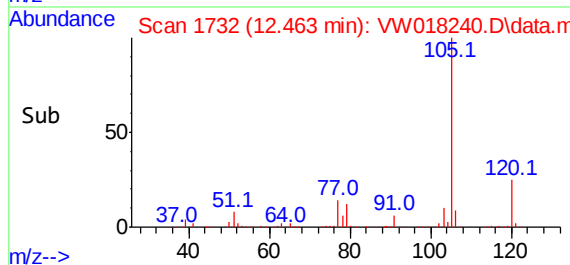
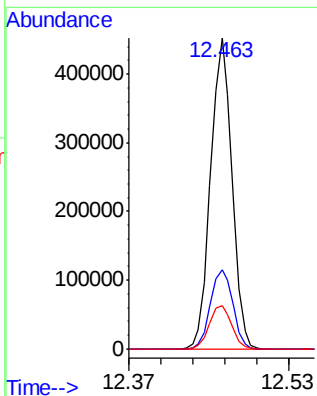
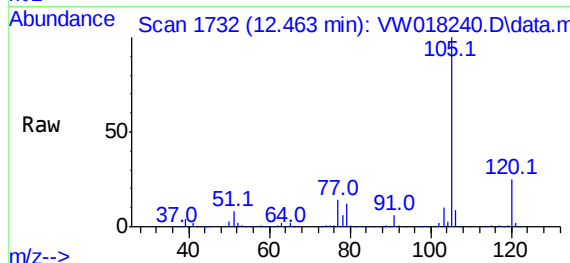




#60
Isopropylbenzene
Concen: 25.17 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

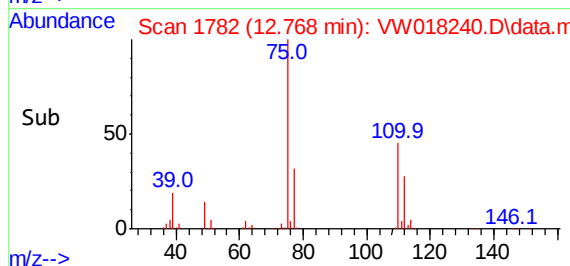
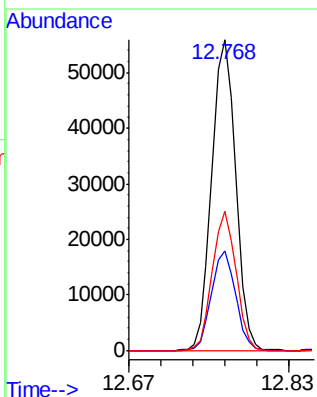
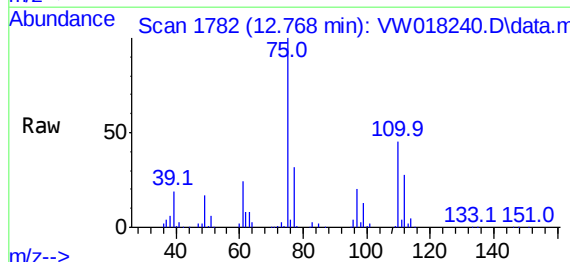
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

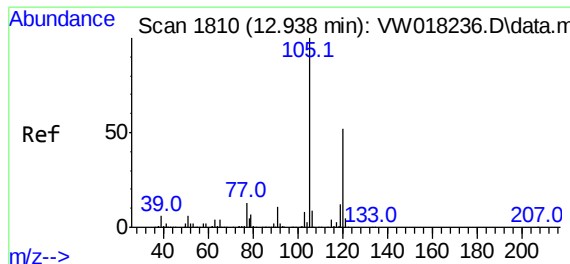
Tgt Ion:105 Resp: 692815
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 14.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 26.40 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 75 Resp: 91137
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 44.3 32.6 48.8

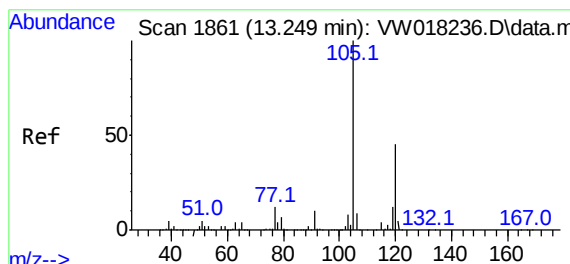
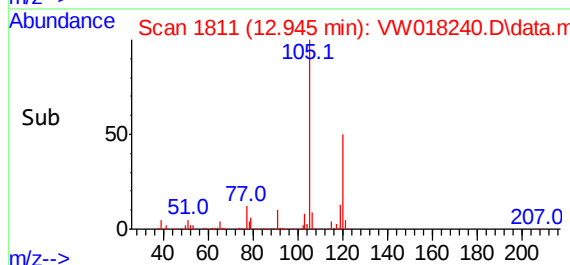
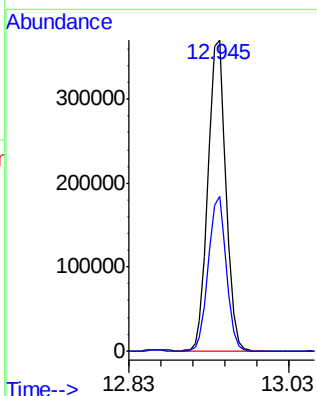
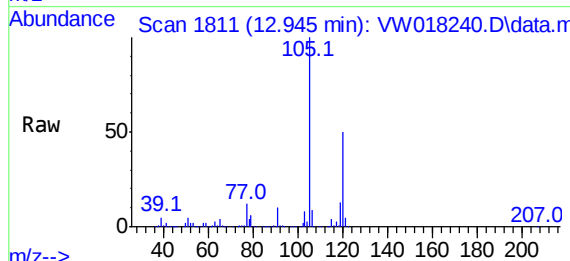




#62
1,3,5-Trimethylbenzene
Concen: 25.11 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

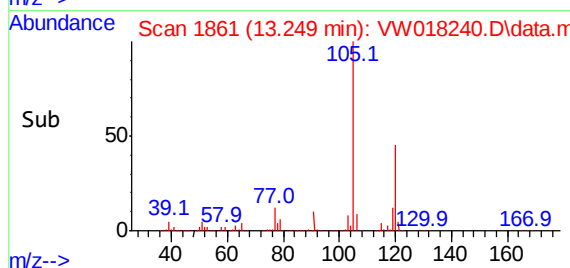
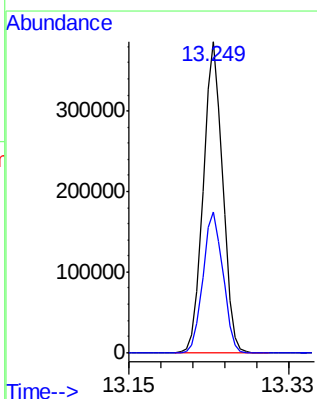
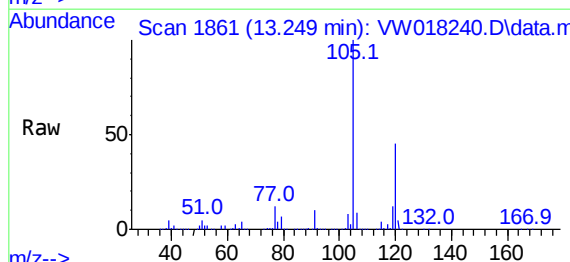
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

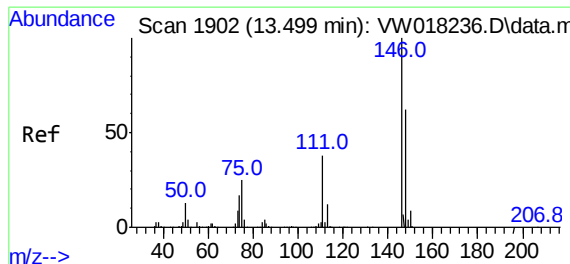
Tgt Ion:105 Resp: 579126
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.17 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:105 Resp: 578659
Ion Ratio Lower Upper
105 100
120 46.6 35.6 53.4

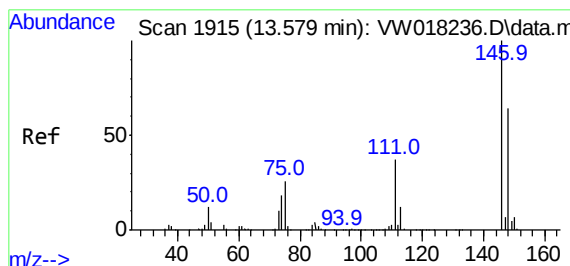
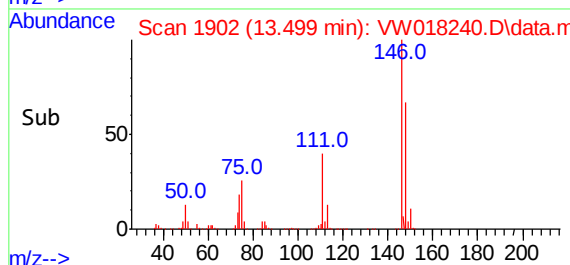
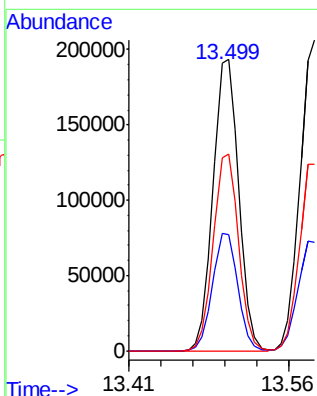
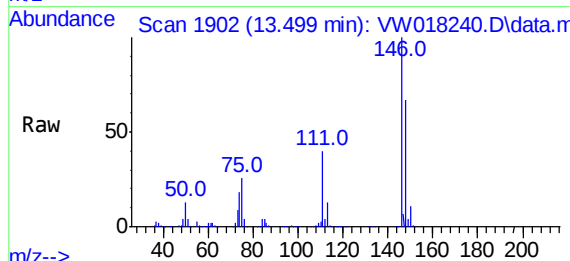




#64
1,3-Dichlorobenzene
Concen: 23.91 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

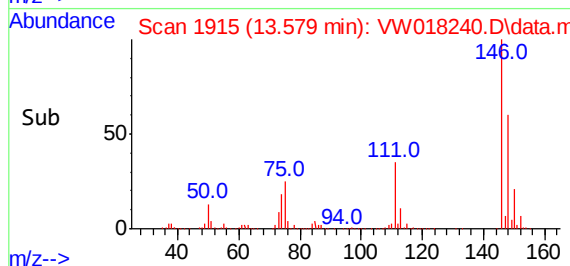
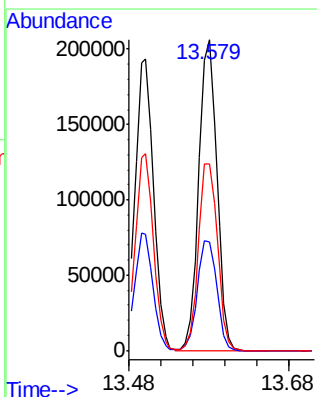
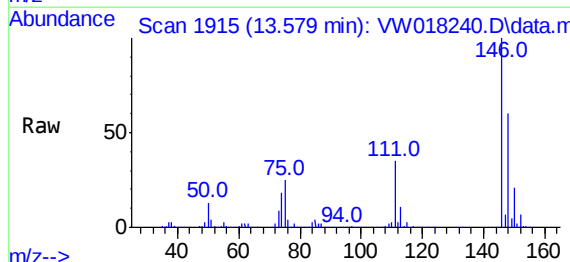
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

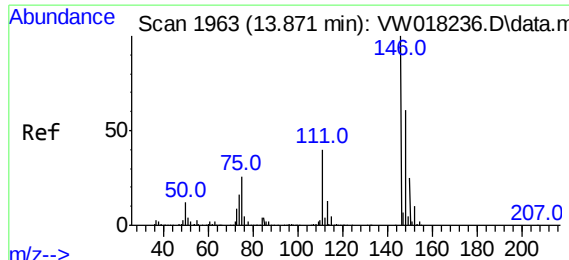
Tgt Ion:146 Resp: 316344
Ion Ratio Lower Upper
146 100
111 39.9 26.7 49.7
148 67.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.55 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:146 Resp: 325386
Ion Ratio Lower Upper
146 100
111 34.8 28.8 53.4
148 60.1 46.8 87.0

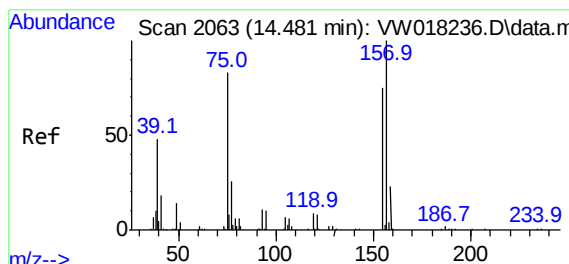
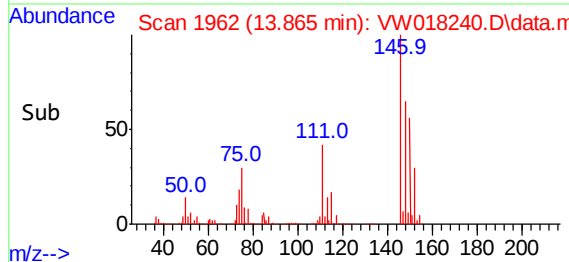
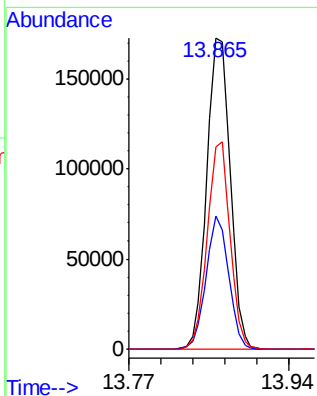
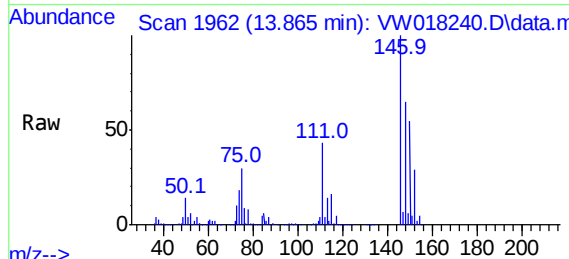




#67
1,2-Dichlorobenzene
Concen: 24.57 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

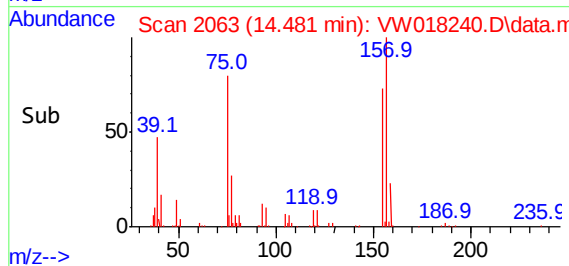
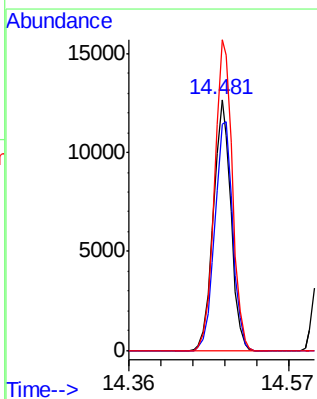
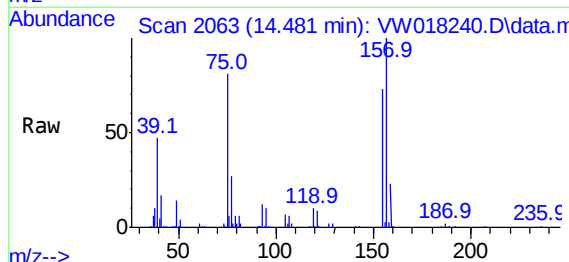
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

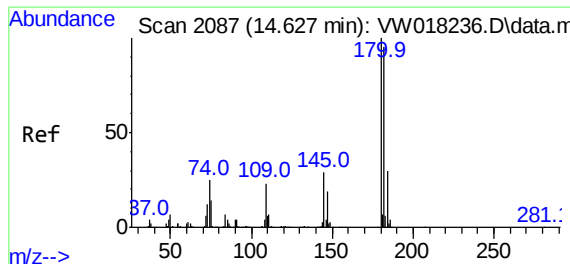
Tgt Ion:146 Resp: 291739
Ion Ratio Lower Upper
146 100
111 42.6 33.2 49.8
148 65.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.94 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion: 75 Resp: 20214
Ion Ratio Lower Upper
75 100
155 90.2 59.4 89.0#
157 123.7 72.2 108.2#

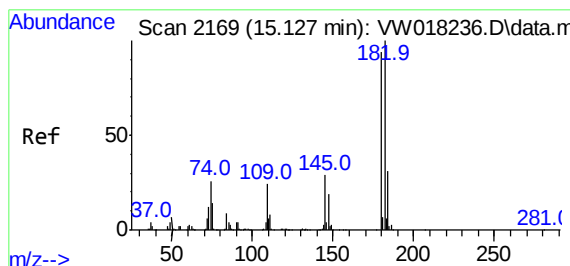
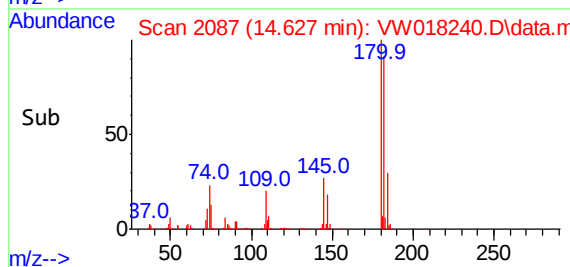
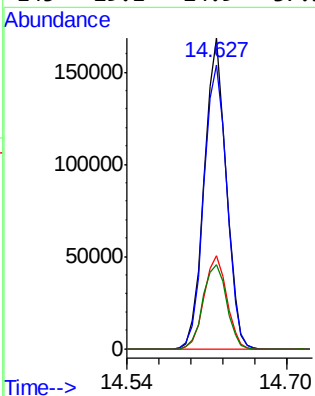
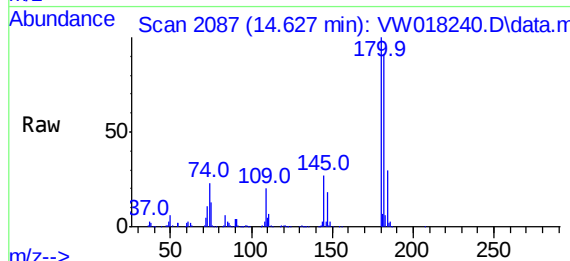




#69
1,3,5-Trichlorobenzene
Concen: 24.65 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

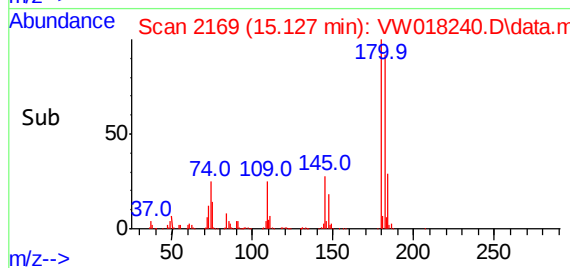
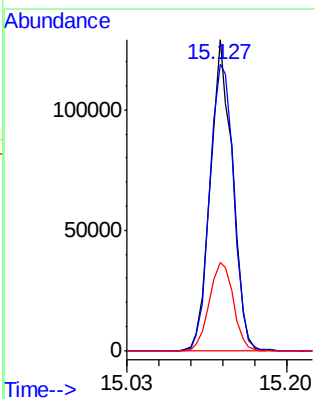
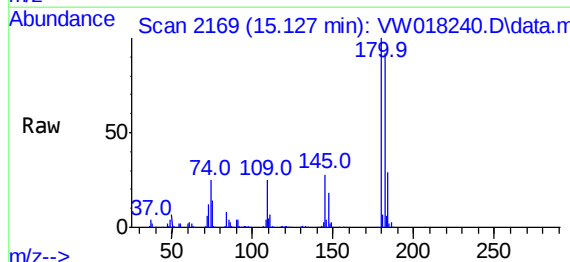
Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

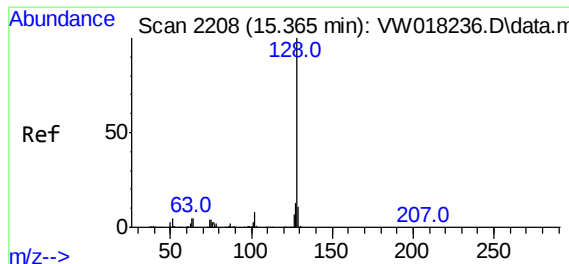
Tgt Ion:180 Resp: 250905
Ion Ratio Lower Upper
180 100
182 95.6 73.4 110.2
184 30.9 23.6 35.4
145 29.1 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 24.47 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:180 Resp: 206012
Ion Ratio Lower Upper
180 100
182 99.7 74.7 112.1
145 30.4 25.0 37.4

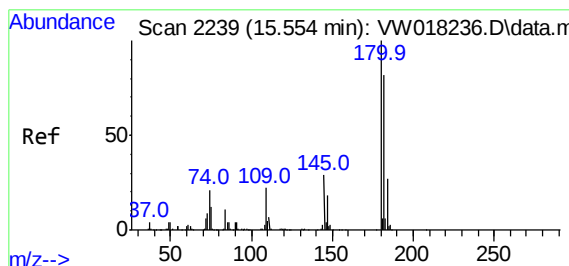
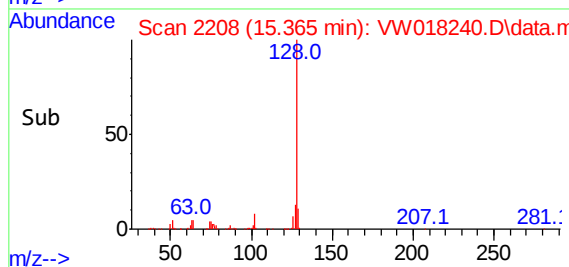
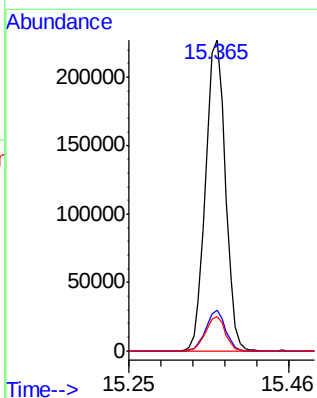
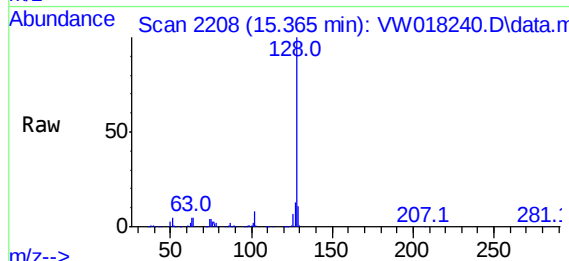




#71
Naphthalene
Concen: 27.67 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025105

Tgt Ion:128 Resp: 409046
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.15 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018240.D
Acq: 25 Feb 2021 17:10

Tgt Ion:180 Resp: 185422
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
145 32.3 28.9 43.3

