

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018199.D
 Acq On : 18 Feb 2021 09:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Feb 18 13:29:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	364930	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	191758	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	96548	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
7) Chloroethane-d5	2.891	69	86651	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	4.025	63	227378	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.16%
20) 2-Butanone-d5	7.074	46	57171	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
24) Chloroform-d	7.647	84	268986	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.305	65	132362	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	8.275	84	508622	25.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.52%
33) 1,2-Dichloropropane-d6	9.274	67	144850	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
37) Toluene-d8	10.323	98	483957	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloroprop...	10.579	79	63539	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
39) 2-Hexanone-d5	10.921	63	49524	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	120446	24.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	184295	26.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.76%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	110068	19.82	ug/L	98
3) Chloromethane	2.215	50	88735	21.69	ug/L	97
5) Vinyl chloride	2.367	62	132295	23.45	ug/L	99
6) Bromomethane	2.788	94	90472	22.55	ug/L	98
8) Chloroethane	2.928	64	78424	23.26	ug/L	98
9) Trichlorofluoromethane	3.263	101	101281	24.83	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141625	24.29	ug/L #	63
12) 1,1-Dichloroethene	4.044	96	135752	24.75	ug/L	91
13) Acetone	4.123	43	35615	35.36	ug/L	98
14) Carbon disulfide	4.385	76	369729	23.15	ug/L	100
15) Methyl Acetate	4.666	43	40713	18.22	ug/L	94
16) Methylene chloride	4.922	84	130797	19.88	ug/L	88
17) Methyl tert-butyl Ether	5.428	73	137071	22.26	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	142341	24.28	ug/L	94
19) 1,1-Dichloroethane	6.214	63	226449	23.94	ug/L	98
21) 2-Butanone	7.165	43	52537	34.26	ug/L	93
22) cis-1,2-Dichloroethene	7.165	96	147393	24.24	ug/L	96
23) Bromochloromethane	7.513	128	68175	23.33	ug/L	90
25) Chloroform	7.671	83	246716	23.90	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018199.D
 Acq On : 18 Feb 2021 09:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

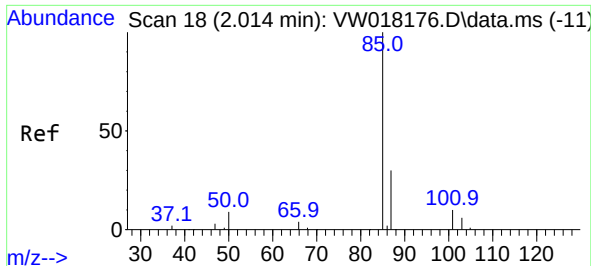
Quant Time: Feb 18 13:29:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143434	21.41	ug/L	98
30) Cyclohexane	7.958	56	198682	23.80	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	208549	25.77	ug/L	98
32) Carbon tetrachloride	8.067	117	203879	26.01	ug/L	99
34) Benzene	8.323	78	525789	24.65	ug/L	100
35) Trichloroethene	9.092	95	149304	24.84	ug/L	99
36) Methylcyclohexane	9.335	83	245834	24.32	ug/L	96
40) 1,2-Dichloropropane	9.366	63	119840	24.49	ug/L	99
41) Bromodichloromethane	9.640	83	172842	24.66	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	197903	25.09	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	116280	38.21	ug/L	92
44) Toluene	10.384	91	583277	24.85	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	166817	24.29	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	95014	22.74	ug/L	98
47) Tetrachloroethene	10.860	164	130468	25.50	ug/L	94
49) 2-Hexanone	10.969	43	80652	38.14	ug/L	96
50) Dibromochloromethane	11.128	129	122019	24.38	ug/L	92
51) 1,2-Dibromoethane	11.231	107	92411	22.18	ug/L #	98
52) Chlorobenzene	11.658	112	384357	24.85	ug/L	99
53) Ethylbenzene	11.731	91	665396	24.94	ug/L	98
54) m,p-Xylene	11.835	106	257159	25.28	ug/L	95
55) o-xylene	12.164	106	247853	25.69	ug/L	98
56) Styrene	12.176	104	418374	25.50	ug/L	98
57) Isopropylbenzene	12.463	105	688249	25.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	104514	21.15	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	76110	20.33	ug/L	98
62) Bromoform	12.347	173	70527	23.87	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	308205	25.21	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	316481	25.74	ug/L	91
65) 1,2-Dichlorobenzene	13.865	146	269706	24.47	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	16209	19.41	ug/L	98
67) 1,3,5-Trichlorobenzene	14.627	180	247598	26.37	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	197182	25.19	ug/L	96
69) Naphthalene	15.365	128	322606	21.18	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	167713	24.03	ug/L	99

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

Quant Time: Feb 18 13:29:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration

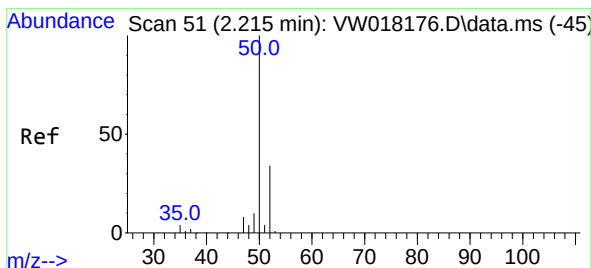
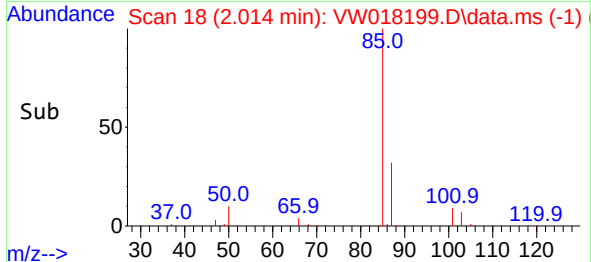
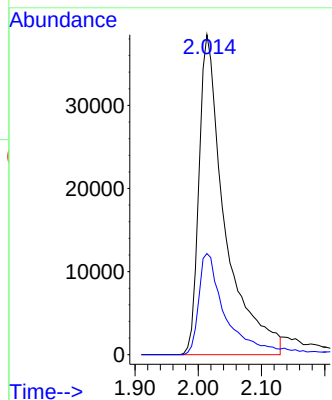
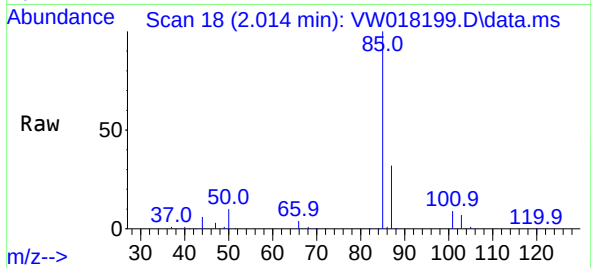




#2
Dichlorodifluoromethane
Concen: 19.82 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

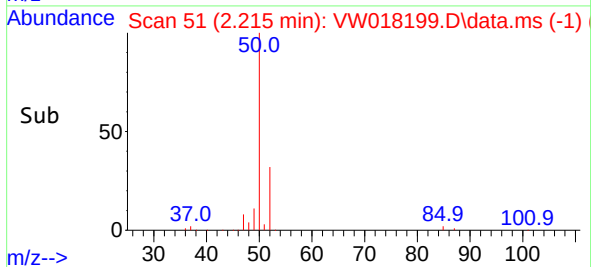
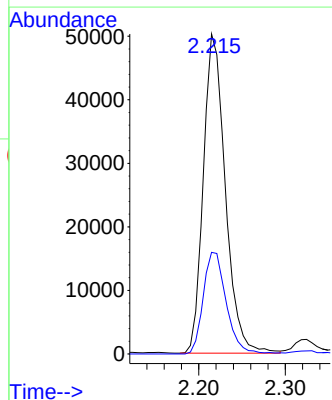
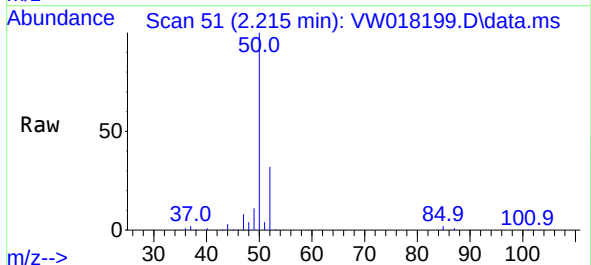
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

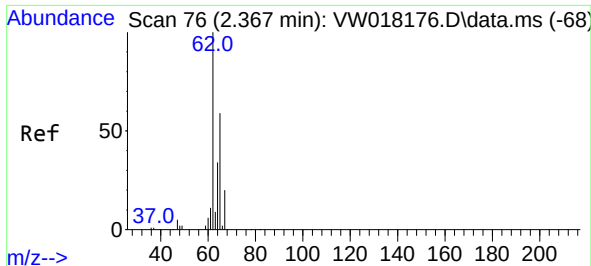
Tgt Ion: 85 Resp: 110068
Ion Ratio Lower Upper
85 100
87 32.1 23.2 43.0



#3
Chloromethane
Concen: 21.69 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 50 Resp: 88735
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.6

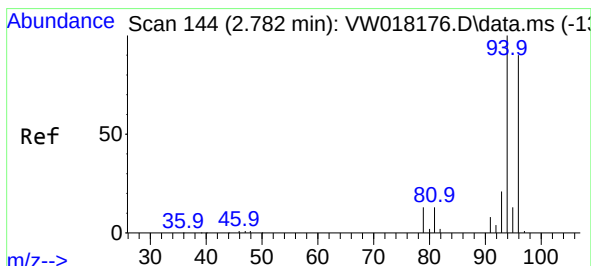
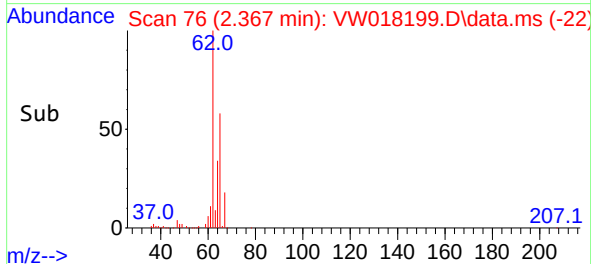
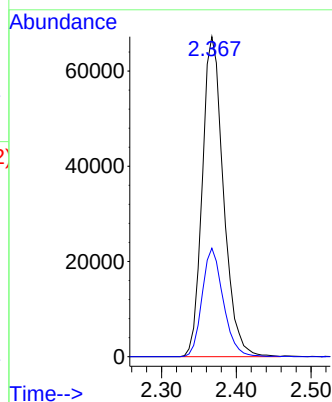
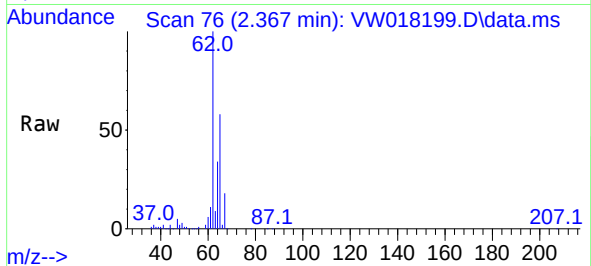




#5
 Vinyl chloride
 Concen: 23.45 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018199.D
 Acq: 18 Feb 2021 09:09

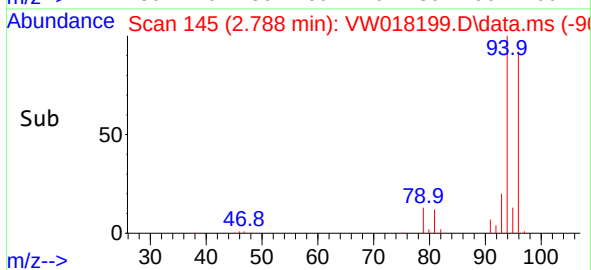
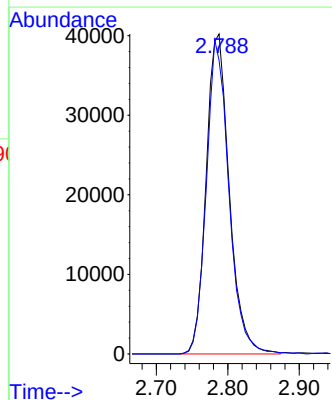
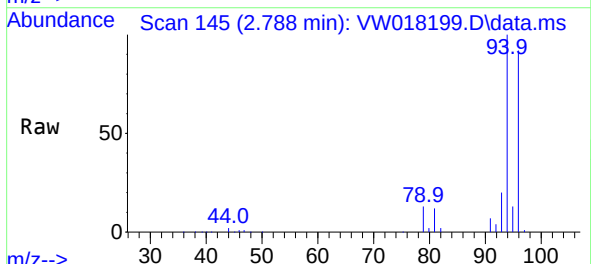
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

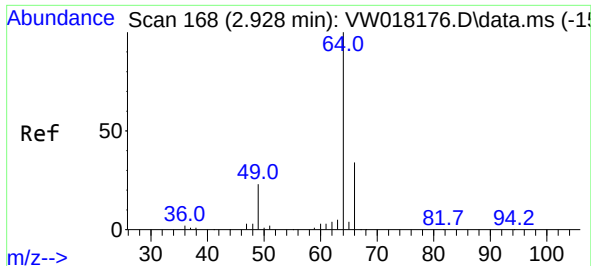
Tgt Ion: 62 Resp: 132295
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.5



#6
 Bromomethane
 Concen: 22.55 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018199.D
 Acq: 18 Feb 2021 09:09

Tgt Ion: 94 Resp: 90472
 Ion Ratio Lower Upper
 94 100
 96 95.4 9.4 178.0

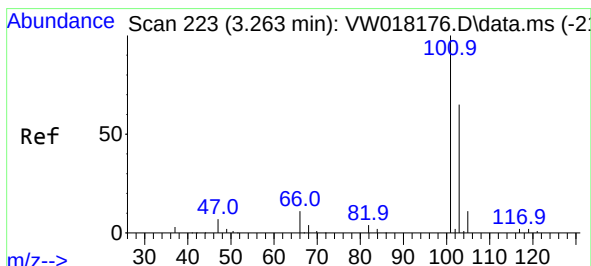
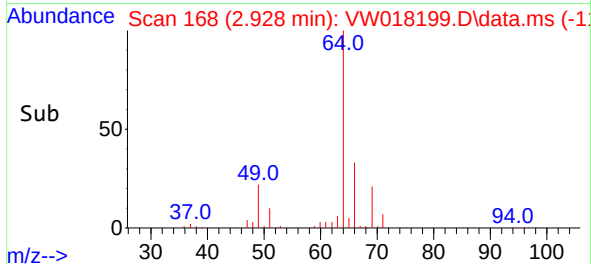
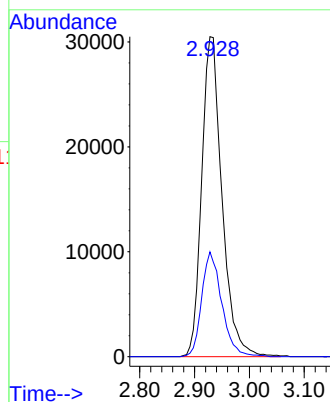
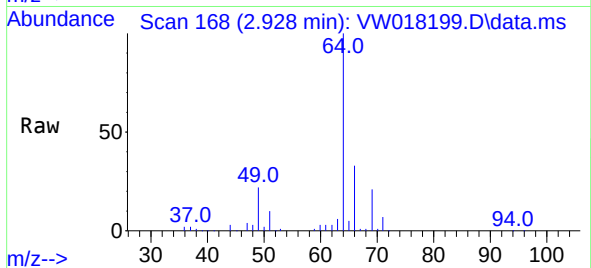




#8
Chloroethane
Concen: 23.26 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

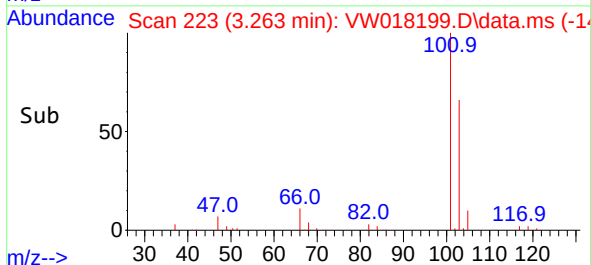
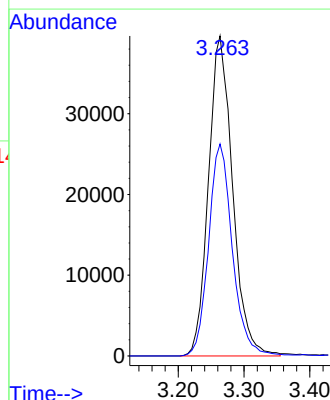
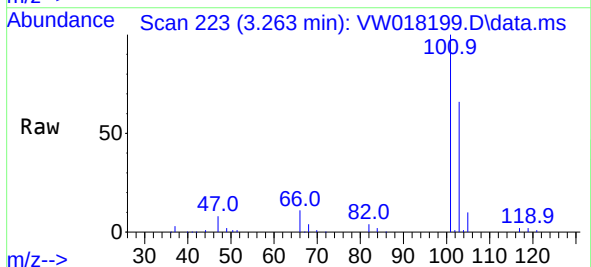
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

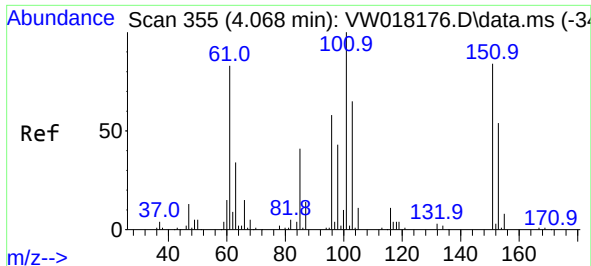
Tgt Ion: 64 Resp: 78424
Ion Ratio Lower Upper
64 100
66 32.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.83 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 101 Resp: 101281
Ion Ratio Lower Upper
101 100
103 65.3 45.0 83.6

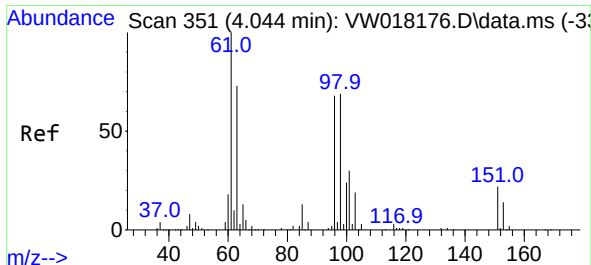
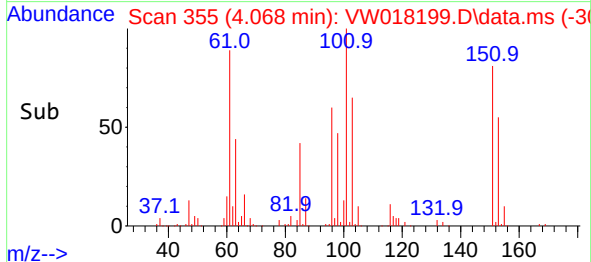
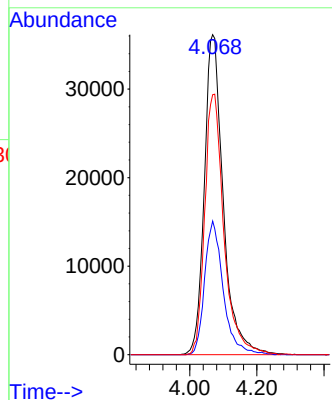
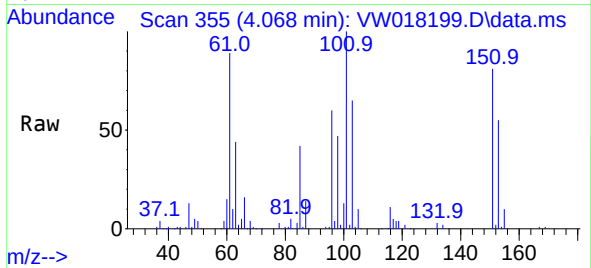




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.29 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

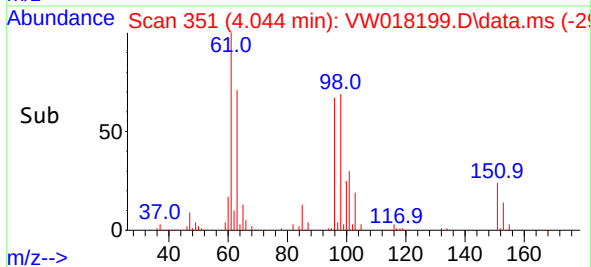
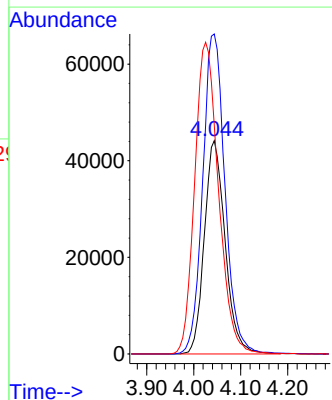
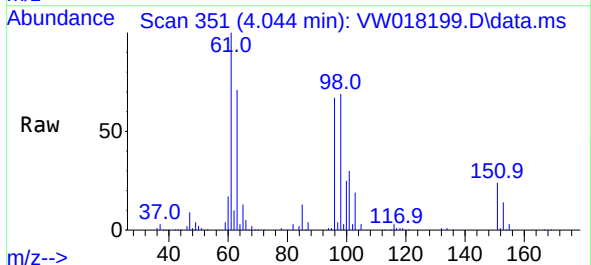
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

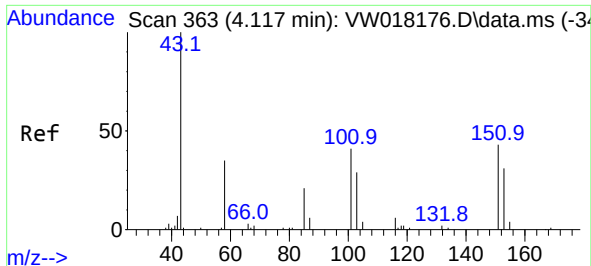
Tgt Ion:101 Resp: 141625
Ion Ratio Lower Upper
101 100
85 40.5 34.2 51.4
151 82.3 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 24.75 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 96 Resp: 135752
Ion Ratio Lower Upper
96 100
61 150.0 112.5 208.9
63 107.2 83.1 154.3

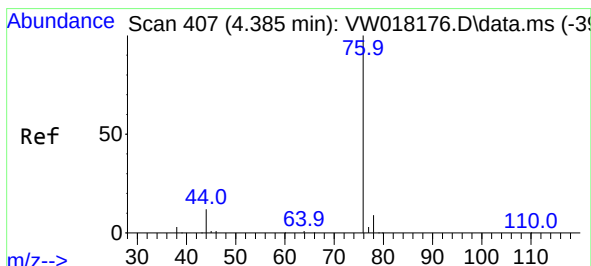
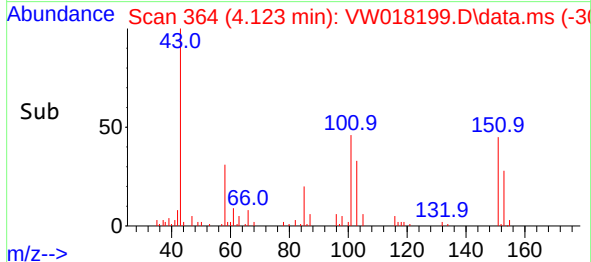
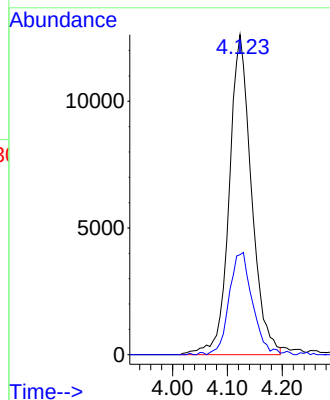
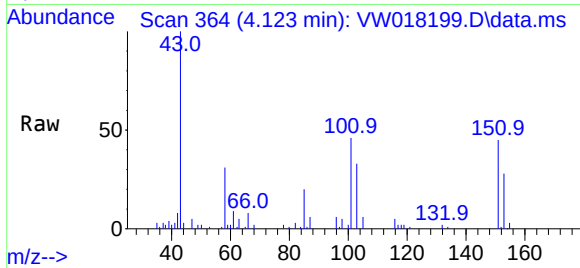




#13
Acetone
Concen: 35.36 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

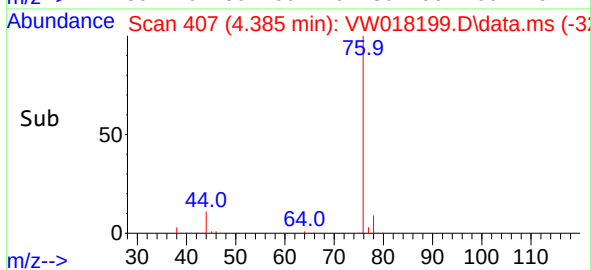
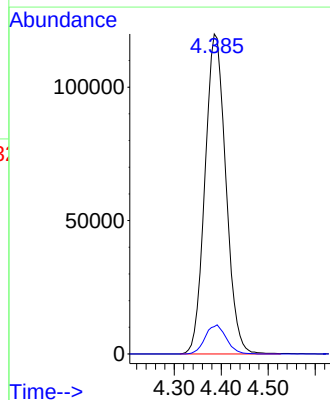
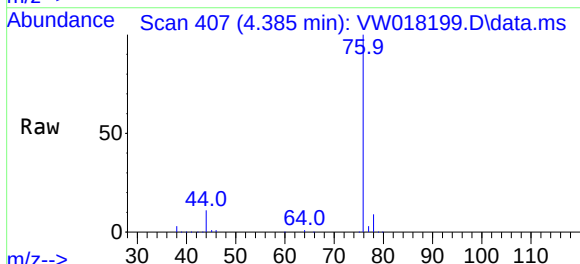
Instrument :
MSVOA_W
ClientSampled :
VSTD02529

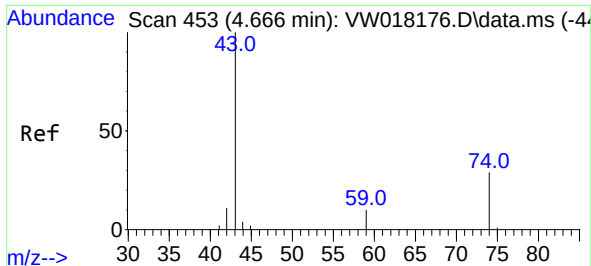
Tgt Ion: 43 Resp: 35615
Ion Ratio Lower Upper
43 100
58 32.8 0.0 68.4



#14
Carbon disulfide
Concen: 23.15 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 76 Resp: 369729
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

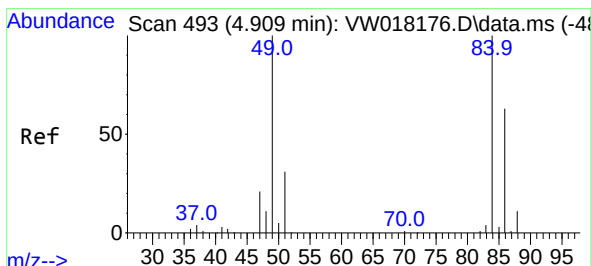
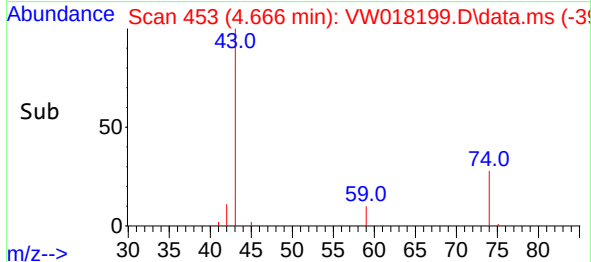
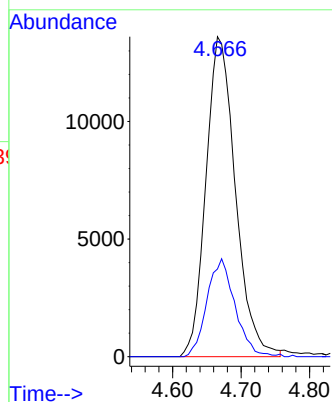
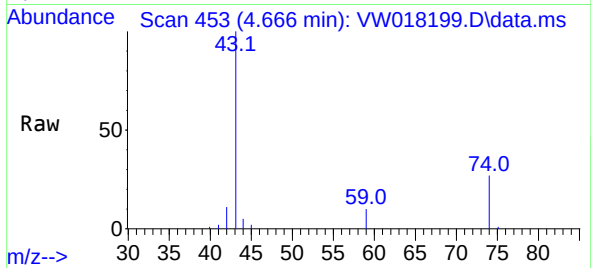




#15
Methyl Acetate
Concen: 18.22 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

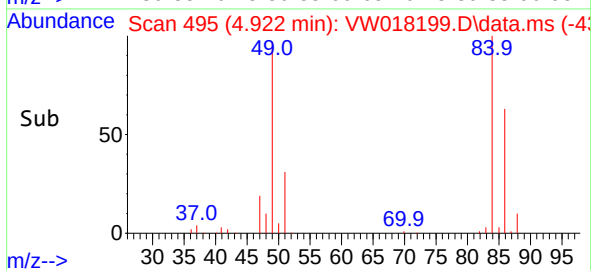
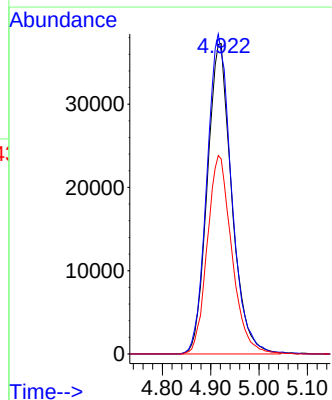
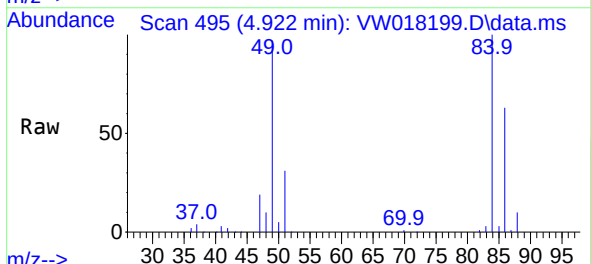
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

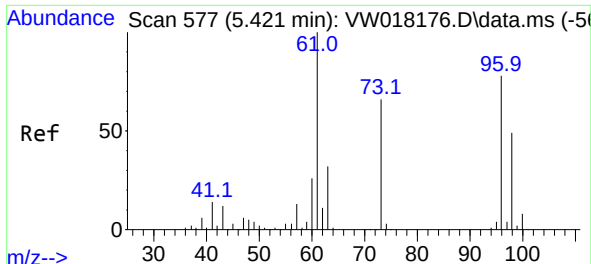
Tgt Ion: 43 Resp: 40713
Ion Ratio Lower Upper
43 100
74 29.1 20.7 31.1



#16
Methylene chloride
Concen: 19.88 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 84 Resp: 130797
Ion Ratio Lower Upper
84 100
49 97.1 81.2 150.8
86 62.8 44.5 82.7

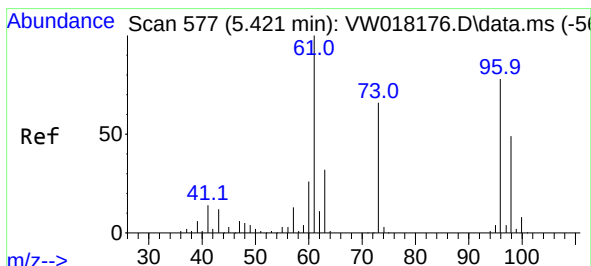
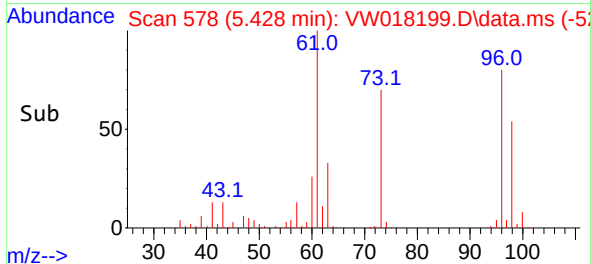
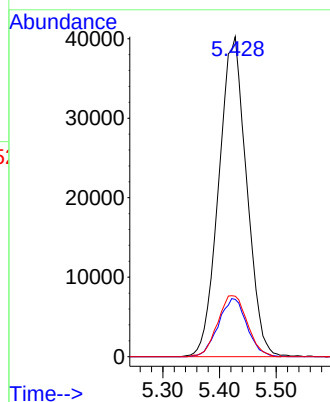
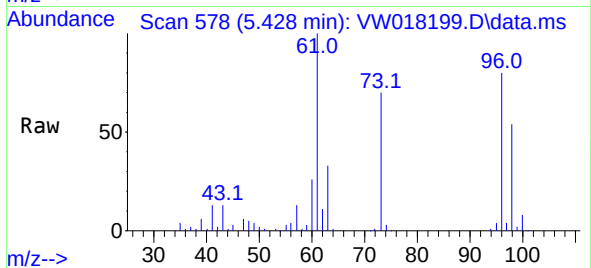




#17
Methyl tert-butyl Ether
Concen: 22.26 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

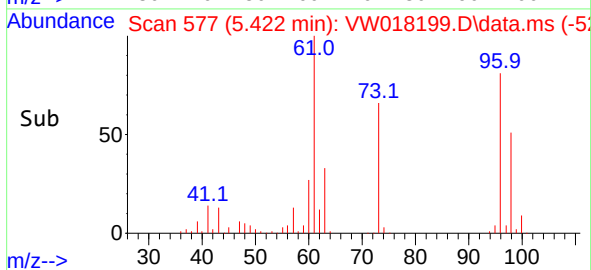
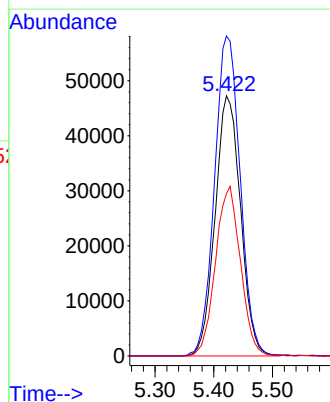
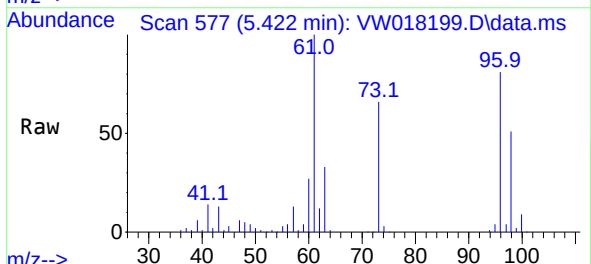
Instrument :
MSVOA_W
ClientSampled :
VSTD02529

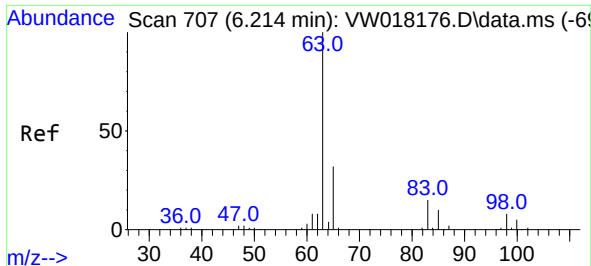
Tgt Ion: 73 Resp: 137071
Ion Ratio Lower Upper
73 100
43 18.7 16.2 24.4
57 20.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 24.28 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 96 Resp: 142341
Ion Ratio Lower Upper
96 100
61 123.0 92.7 172.1
98 62.3 43.3 80.3





#19

1,1-Dichloroethane

Concen: 23.94 ug/L

RT: 6.214 min Scan# 707

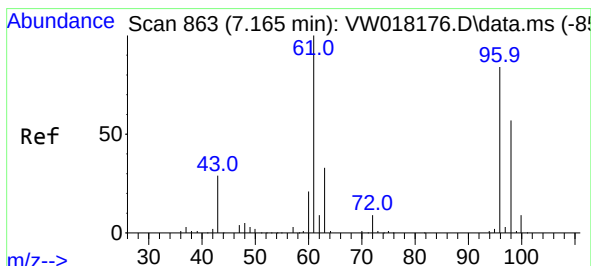
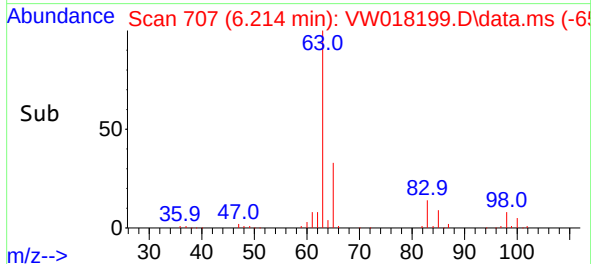
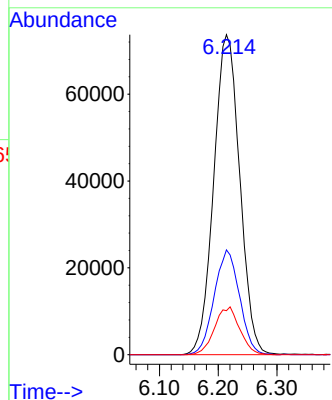
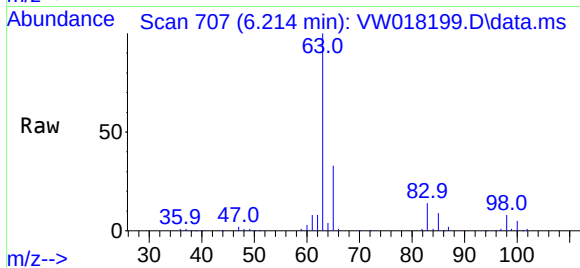
Delta R.T. 0.000 min

Lab File: VW018199.D

Acq: 18 Feb 2021 09:09

Tgt Ion: 63 Resp: 226449

Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.9	40.7
83	13.8	9.4	17.6



#21

2-Butanone

Concen: 34.26 ug/L

RT: 7.165 min Scan# 863

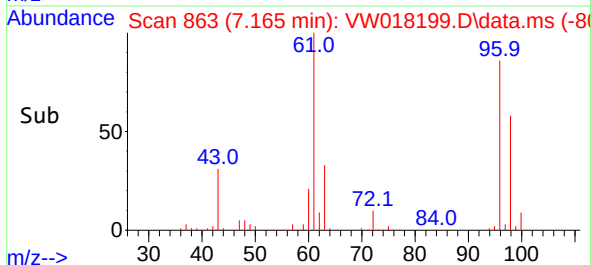
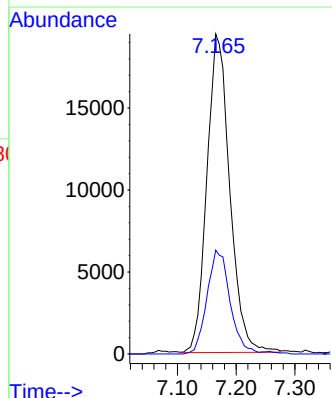
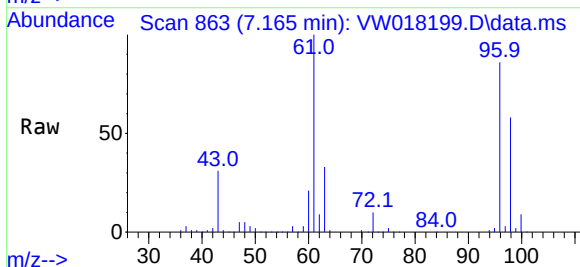
Delta R.T. 0.000 min

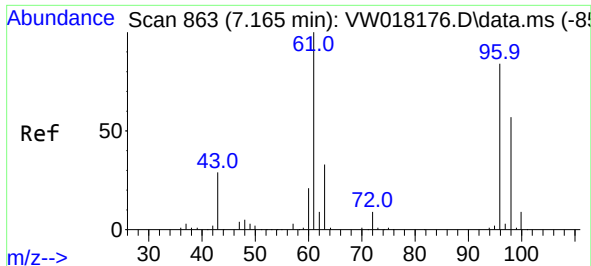
Lab File: VW018199.D

Acq: 18 Feb 2021 09:09

Tgt Ion: 43 Resp: 52537

Ion	Ratio	Lower	Upper
43	100		
72	32.6	14.4	43.2

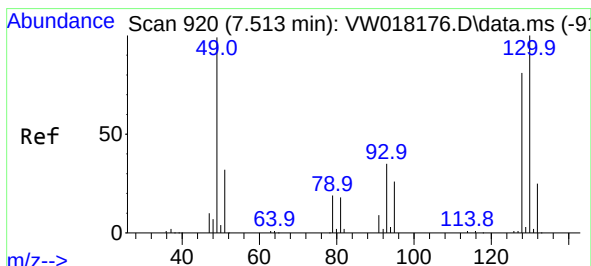
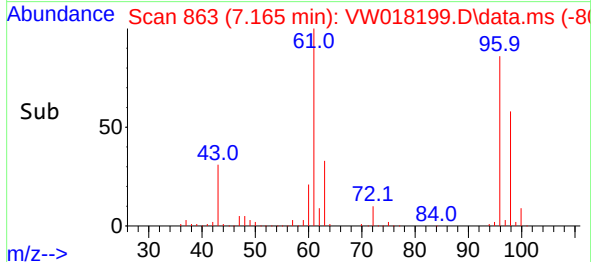
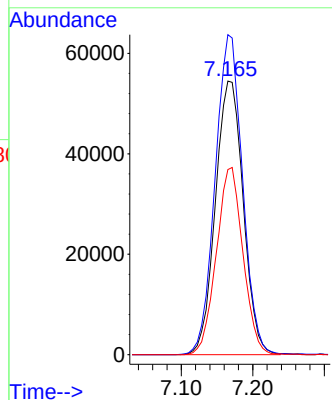
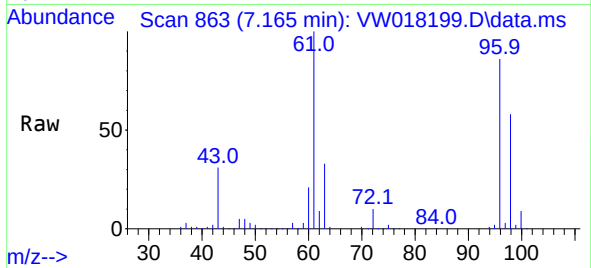




#22
cis-1,2-Dichloroethene
Concen: 24.24 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

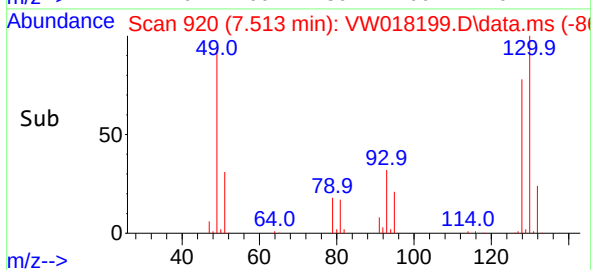
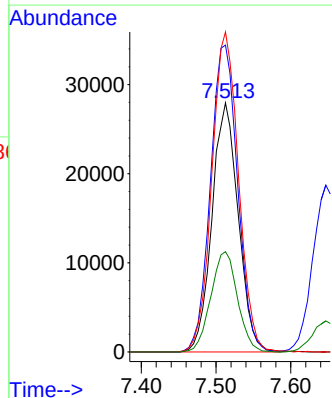
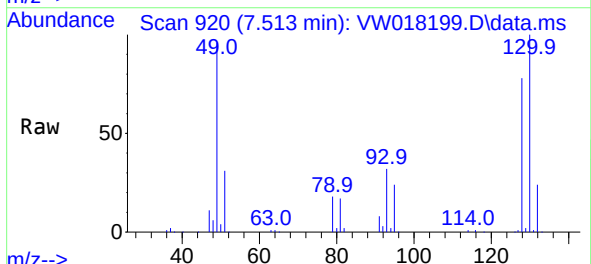
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

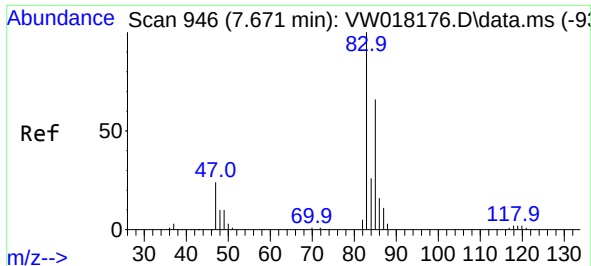
Tgt Ion: 96 Resp: 147393
Ion Ratio Lower Upper
96 100
61 116.9 84.6 157.2
98 67.6 44.7 82.9



#23
Bromochloromethane
Concen: 23.33 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 128 Resp: 68175
Ion Ratio Lower Upper
128 100
49 123.1 101.6 188.6
130 128.4 90.4 167.8
51 40.3 37.7 56.5

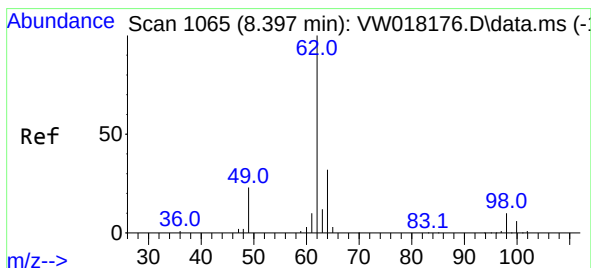
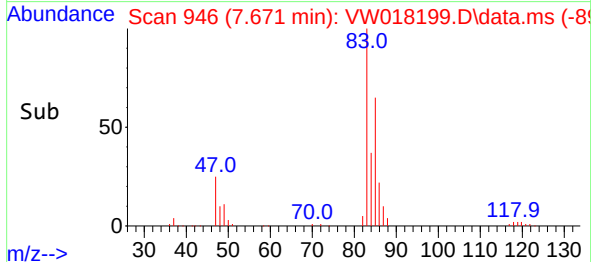
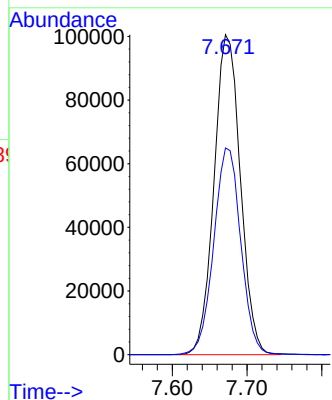
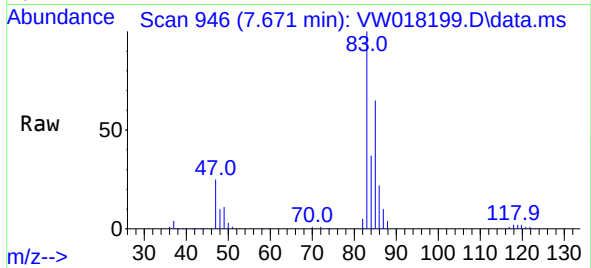




#25
Chloroform
Concen: 23.90 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

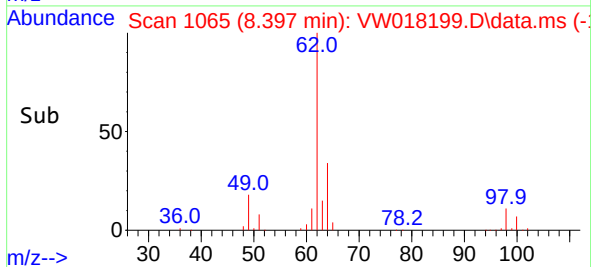
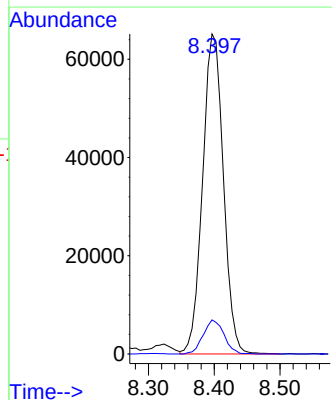
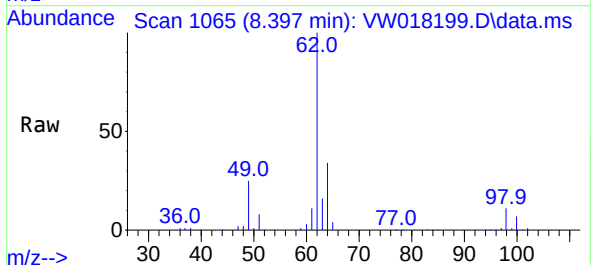
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

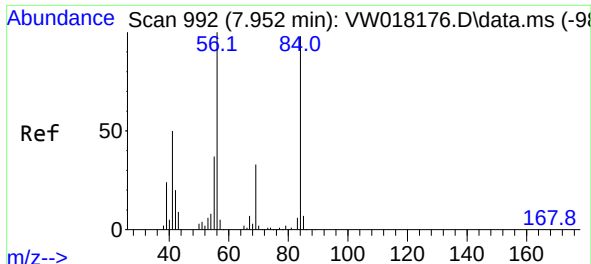
Tgt Ion: 83 Resp: 246716
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 21.41 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

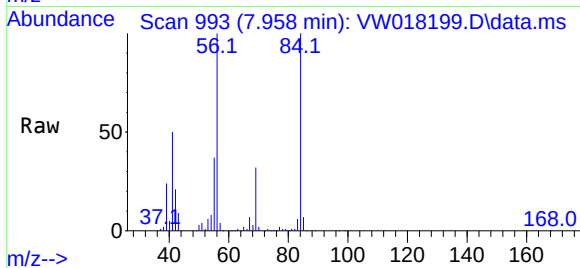
Tgt Ion: 62 Resp: 143434
Ion Ratio Lower Upper
62 100
98 10.6 8.0 12.0





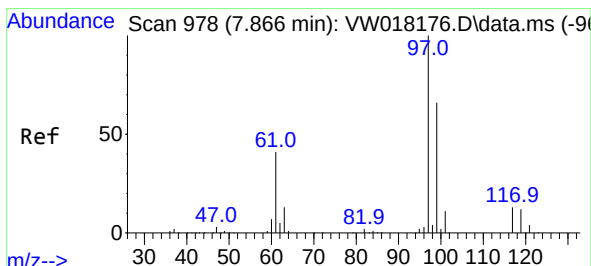
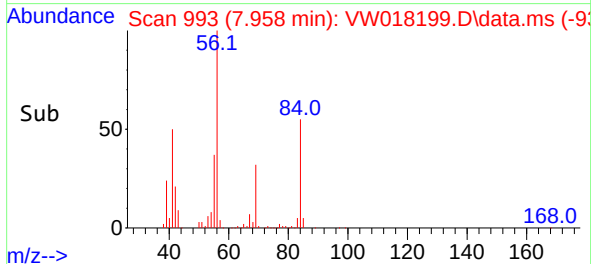
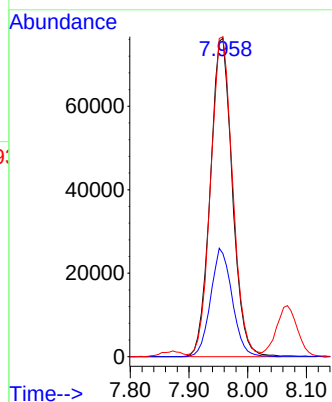
#30
Cyclohexane
Concen: 23.80 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529



Tgt Ion: 56 Resp: 198682

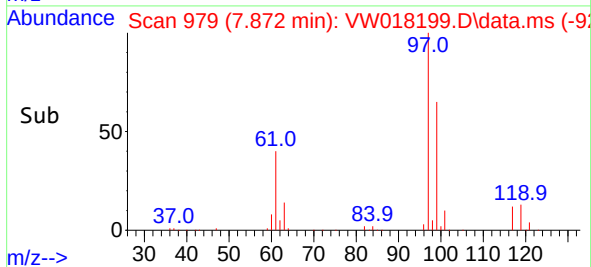
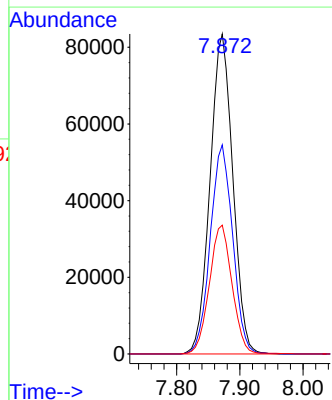
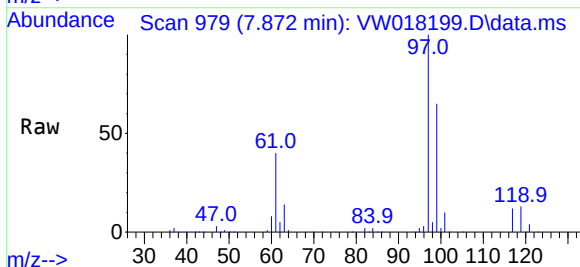
Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.8	37.2
84	99.0	74.2	111.4

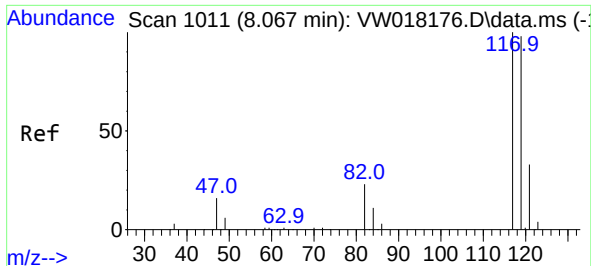


#31
1,1,1-Trichloroethane
Concen: 25.77 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 97 Resp: 208549

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	40.2	33.6	50.4

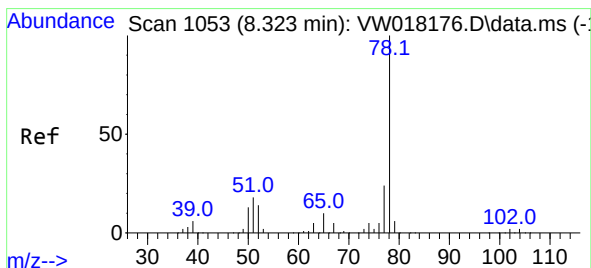
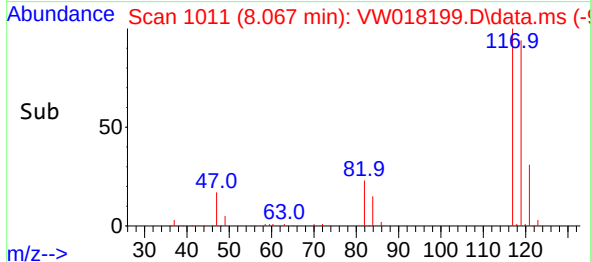
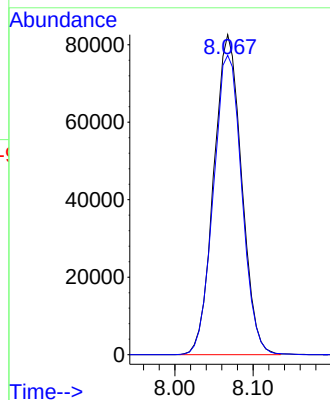
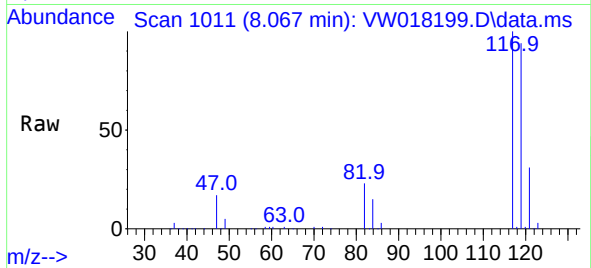




#32
Carbon tetrachloride
Concen: 26.01 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

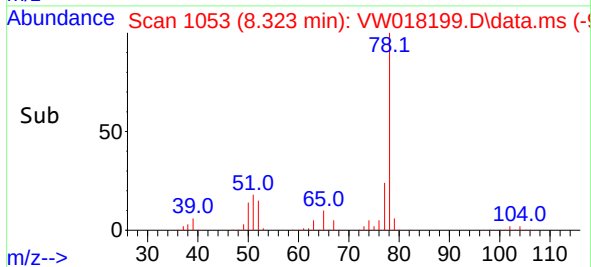
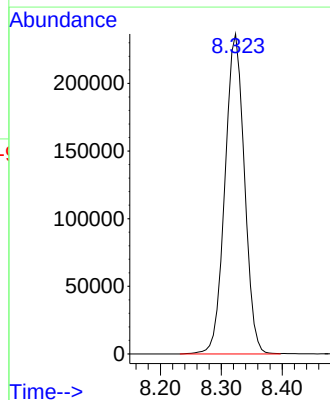
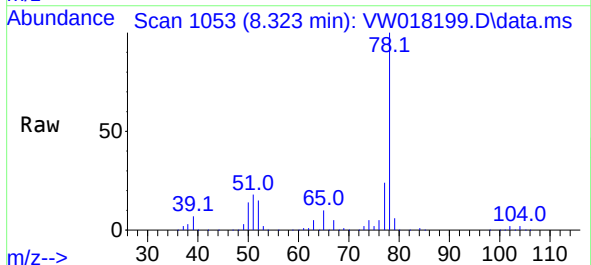
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

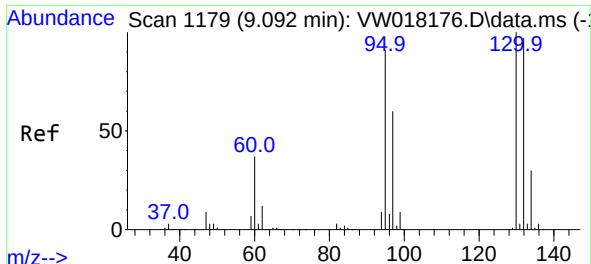
Tgt Ion:117 Resp: 203879
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#34
Benzene
Concen: 24.65 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 78 Resp: 525789

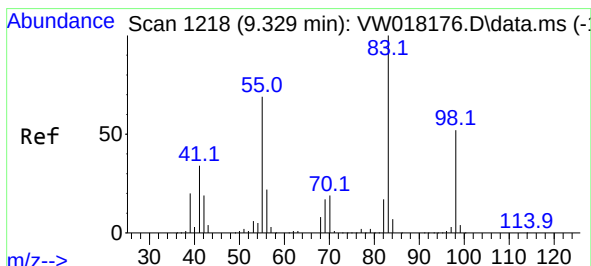
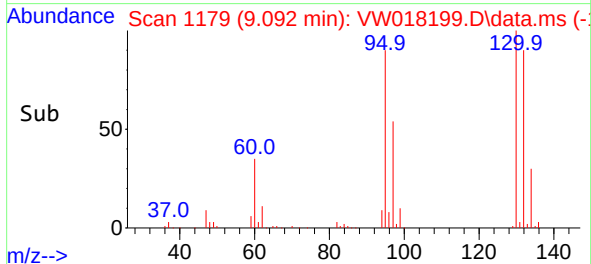
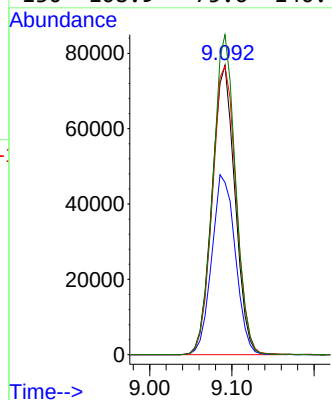
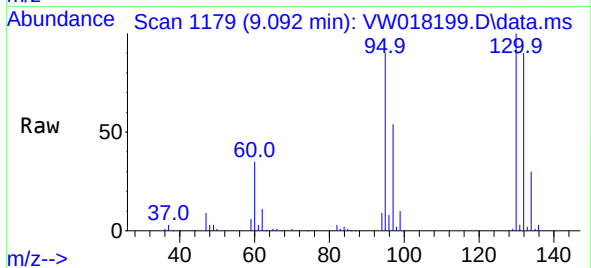




#35
Trichloroethene
Concen: 24.84 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

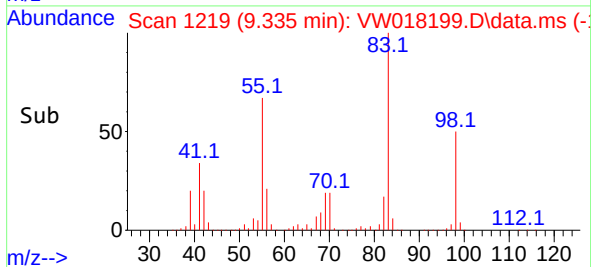
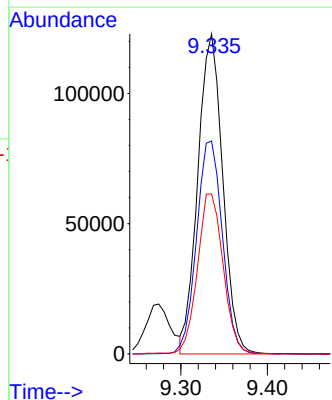
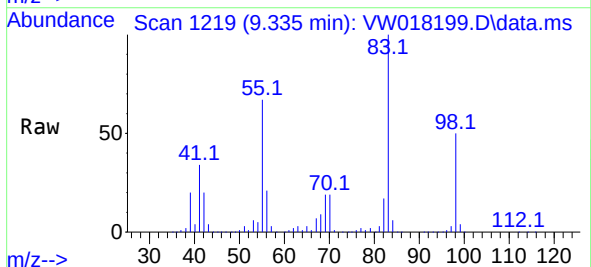
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

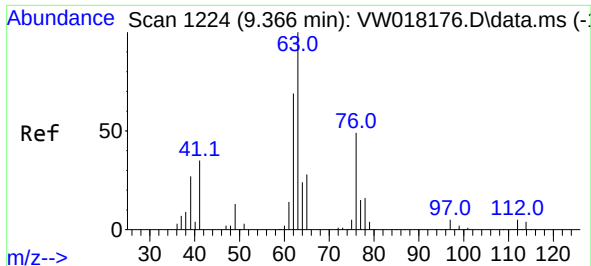
Tgt Ion: 95 Resp: 149304
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 102.9 71.0 131.8
130 108.9 75.6 140.4



#36
Methylcyclohexane
Concen: 24.32 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 83 Resp: 245834
Ion Ratio Lower Upper
83 100
55 69.0 59.4 89.0
98 51.6 40.7 61.1

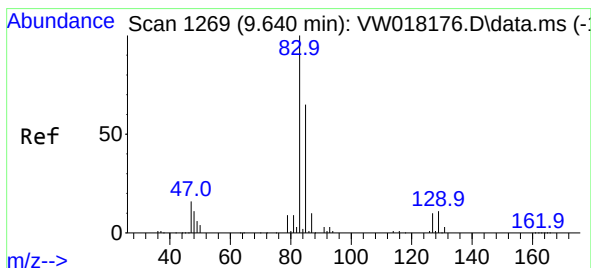
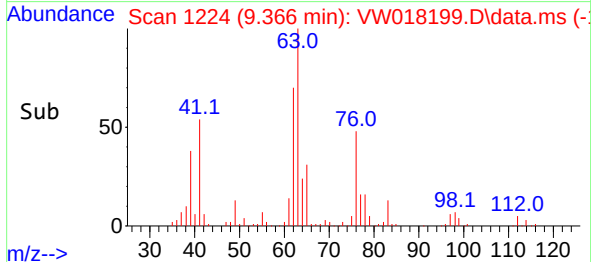
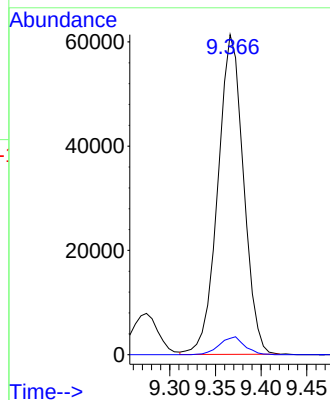
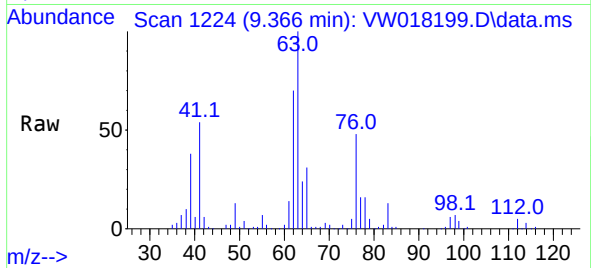




#40
1,2-Dichloropropane
Concen: 24.49 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

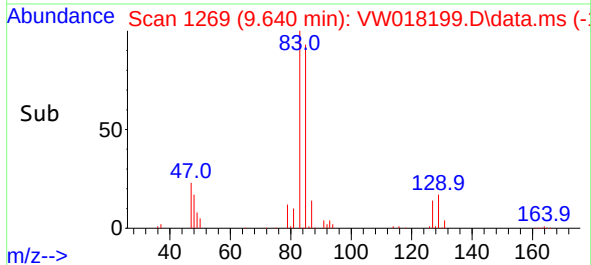
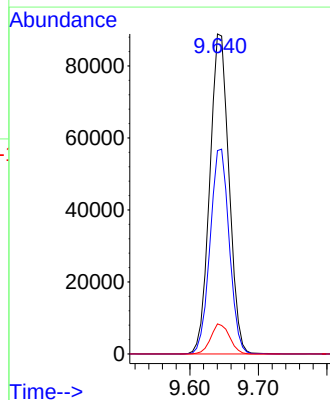
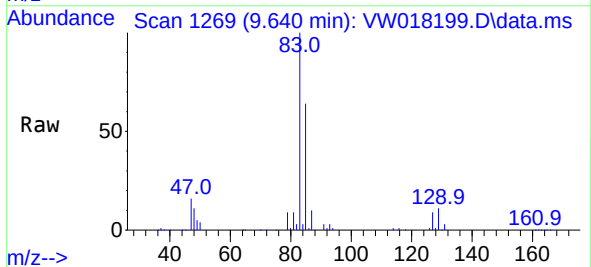
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

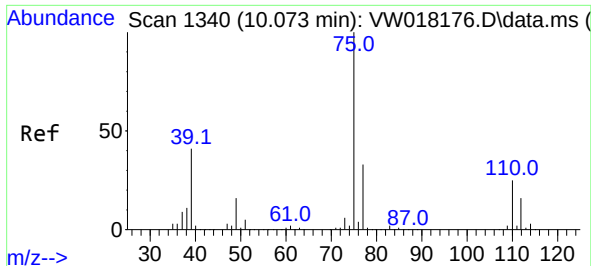
Tgt Ion: 63 Resp: 119840
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.4



#41
Bromodichloromethane
Concen: 24.66 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 83 Resp: 172842
Ion Ratio Lower Upper
83 100
85 63.6 46.8 86.8
127 9.4 7.6 11.4

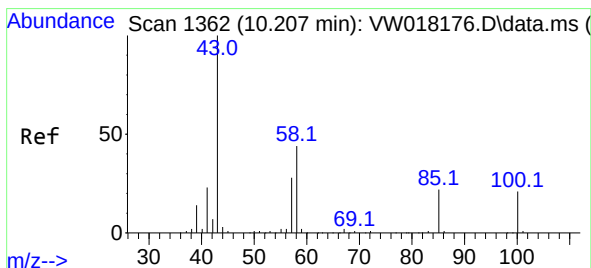
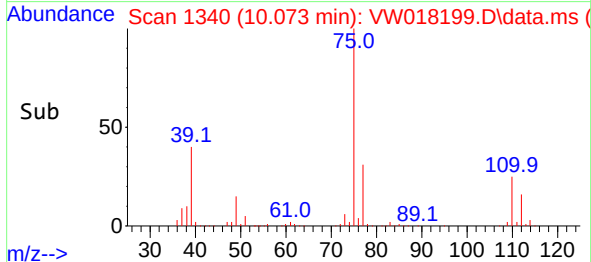
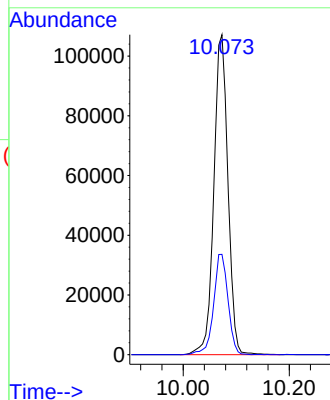
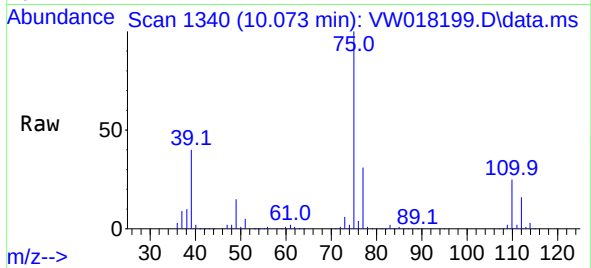




#42
cis-1,3-Dichloropropene
Concen: 25.09 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

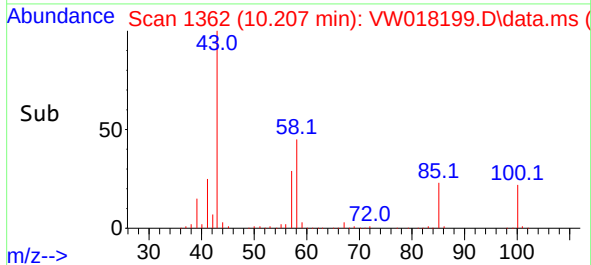
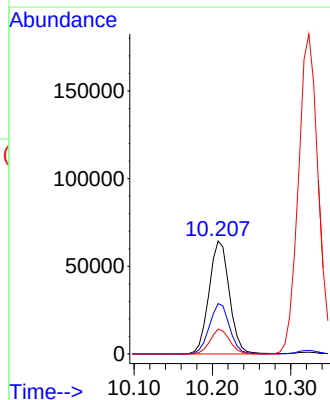
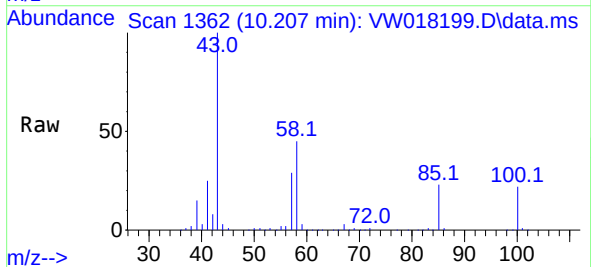
Instrument :
MSVOA_W
ClientSampled :
VSTD02529

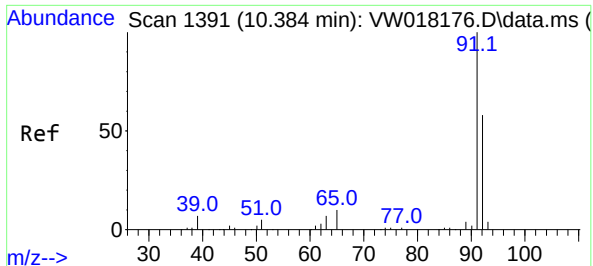
Tgt Ion: 75 Resp: 197903
Ion Ratio Lower Upper
75 100
77 31.4 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 38.21 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 43 Resp: 116280
Ion Ratio Lower Upper
43 100
58 44.1 31.6 47.4
100 21.0 14.1 21.1

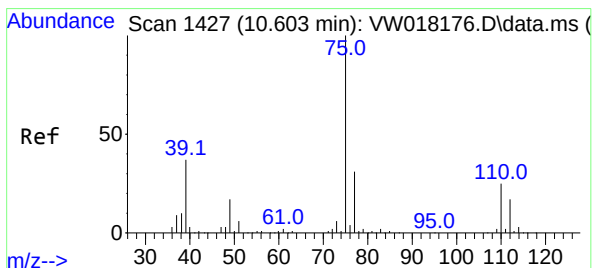
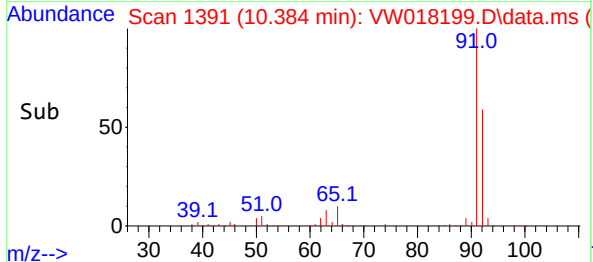
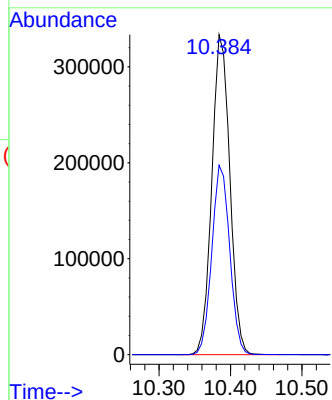
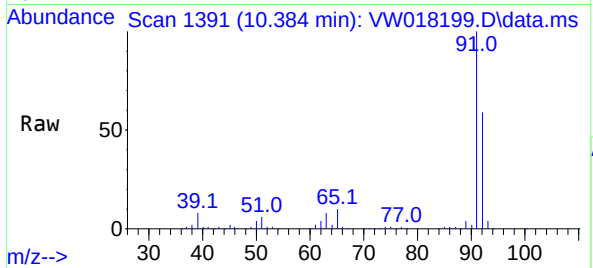




#44
Toluene
Concen: 24.85 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

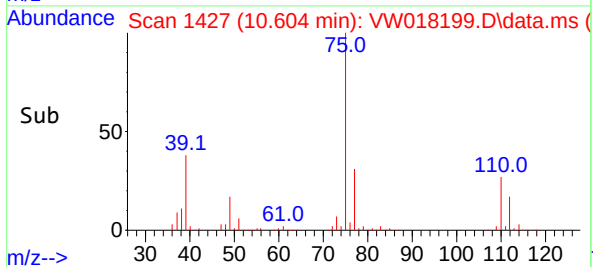
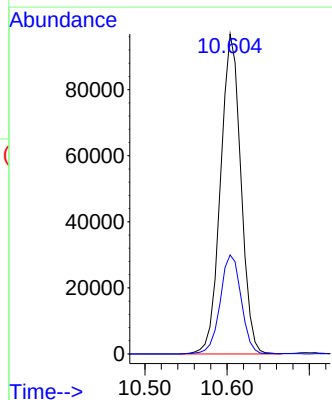
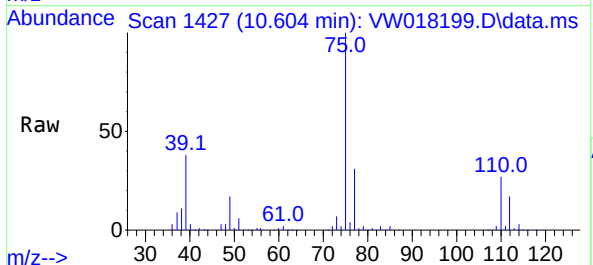
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

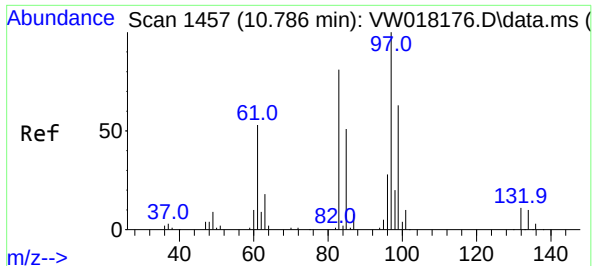
Tgt Ion: 91 Resp: 583277
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 24.29 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 75 Resp: 166817
Ion Ratio Lower Upper
75 100
77 30.9 22.6 42.0



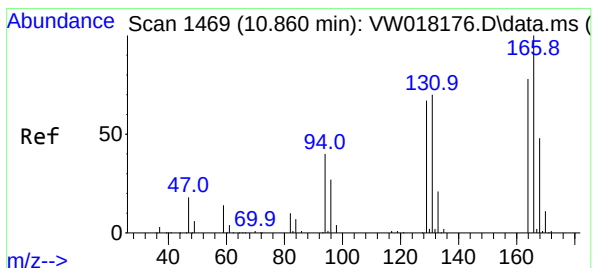
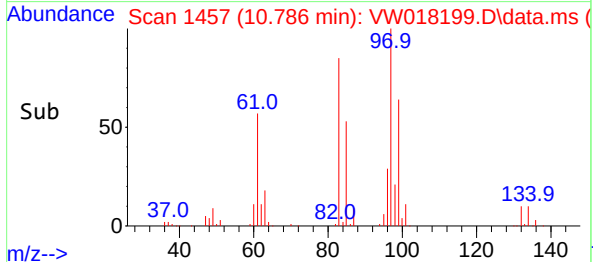
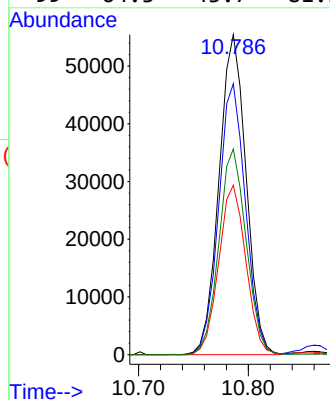
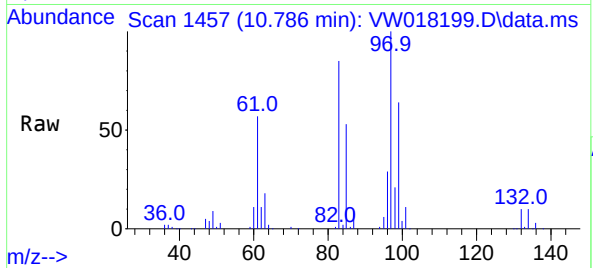


#46
1,1,2-Trichloroethane
Concen: 22.74 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampled :
VSTD02529

Tgt Ion: 97 Resp: 95014

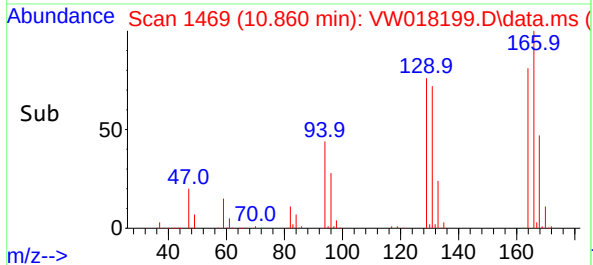
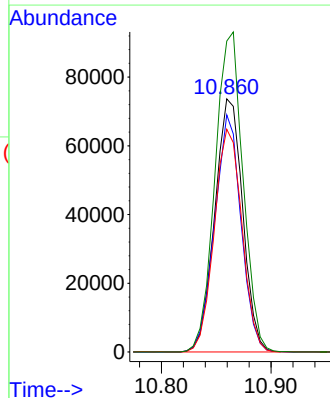
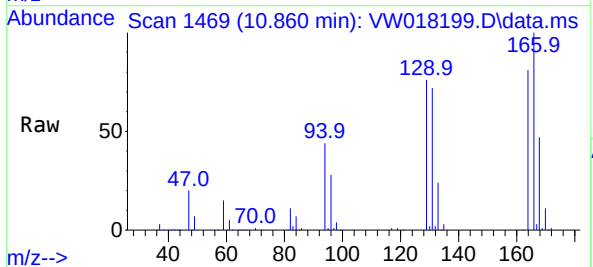
Ion	Ratio	Lower	Upper
97	100		
83	84.6	58.5	108.7
85	53.0	37.8	70.2
99	64.3	43.7	81.1

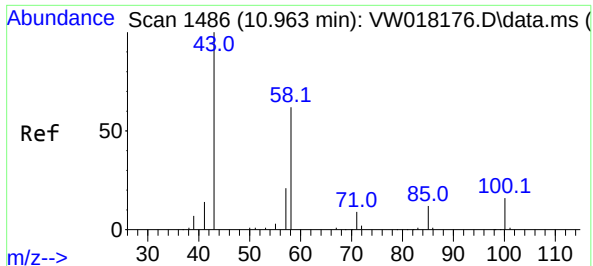


#47
Tetrachloroethene
Concen: 25.50 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 164 Resp: 130468

Ion	Ratio	Lower	Upper
164	100		
129	93.7	67.6	125.6
131	88.0	65.2	121.2
166	122.8	93.2	173.2



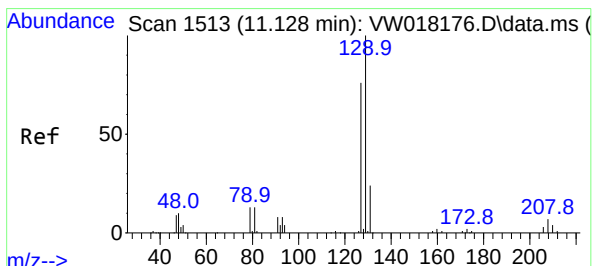
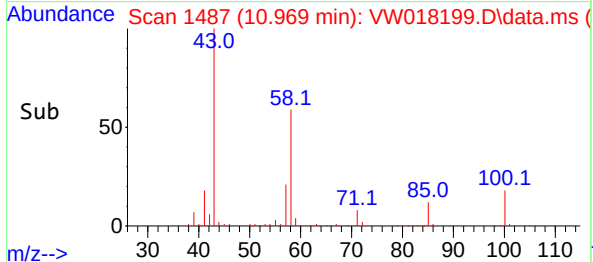
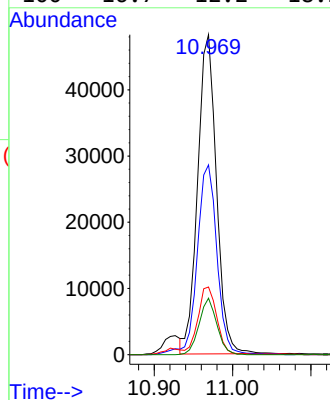
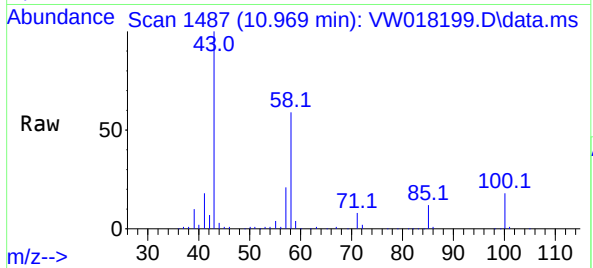


#49
2-Hexanone
Concen: 38.14 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 43 Resp: 80652

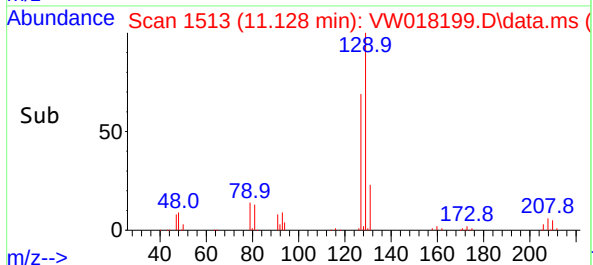
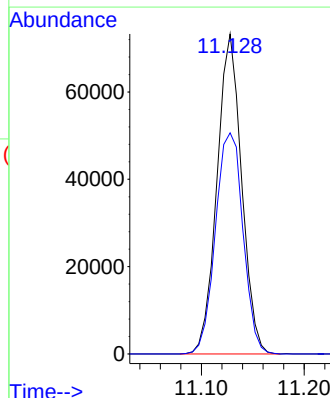
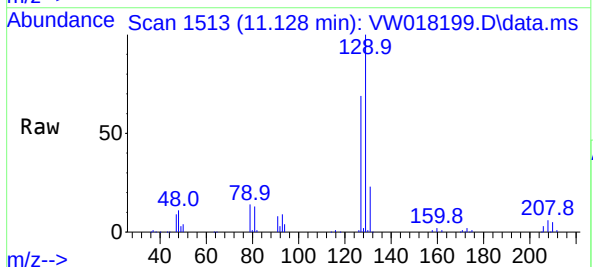
Ion	Ratio	Lower	Upper
43	100		
58	61.3	51.3	76.9
57	20.6	15.0	22.6
100	16.7	12.2	18.2

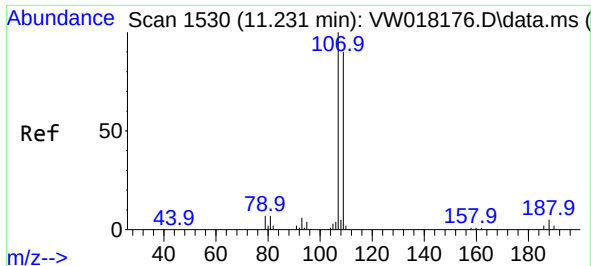


#50
Dibromochloromethane
Concen: 24.38 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 129 Resp: 122019

Ion	Ratio	Lower	Upper
129	100		
127	69.1	53.2	98.8

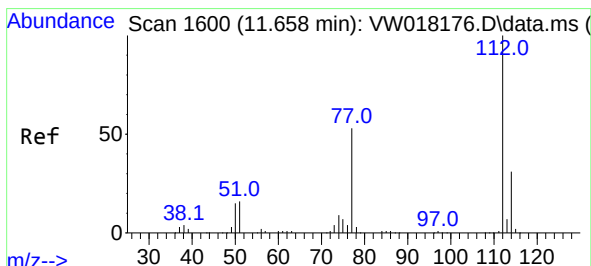
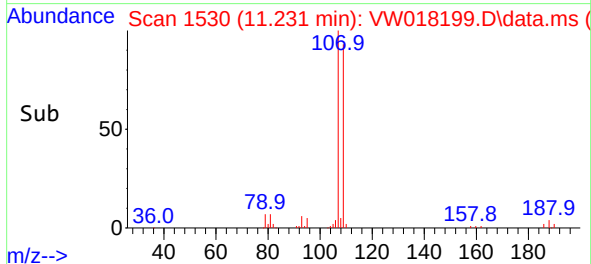
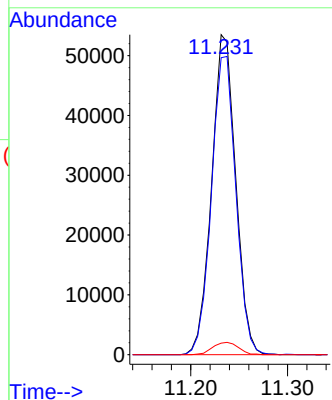
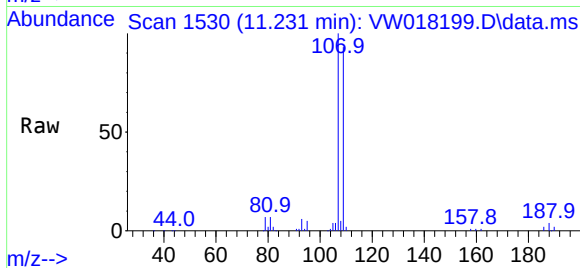




#51
1,2-Dibromoethane
Concen: 22.18 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

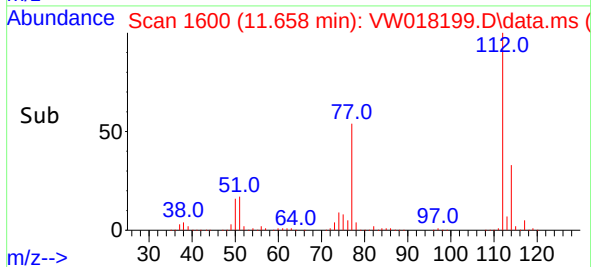
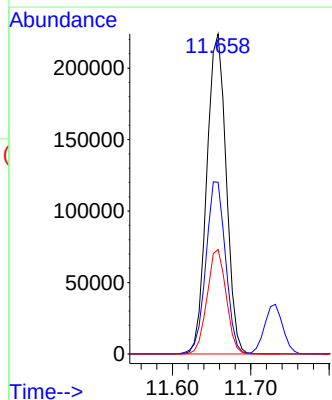
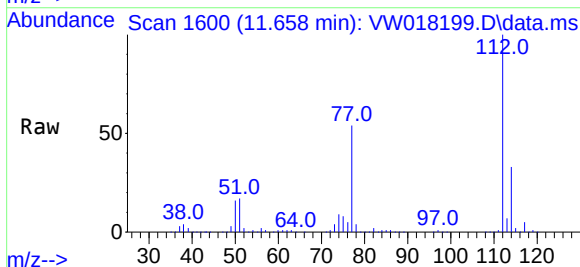
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

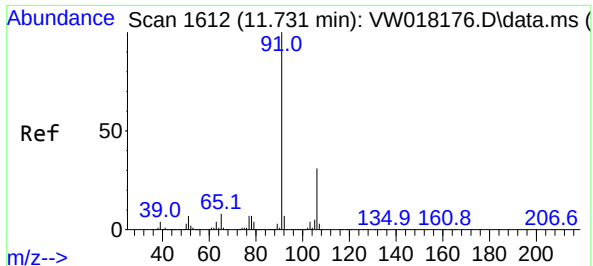
Tgt Ion:107 Resp: 92411
Ion Ratio Lower Upper
107 100
109 92.8 66.4 123.2
188 3.7 4.0 6.0#



#52
Chlorobenzene
Concen: 24.85 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:112 Resp: 384357
Ion Ratio Lower Upper
112 100
77 53.6 42.6 64.0
114 32.7 21.6 40.2

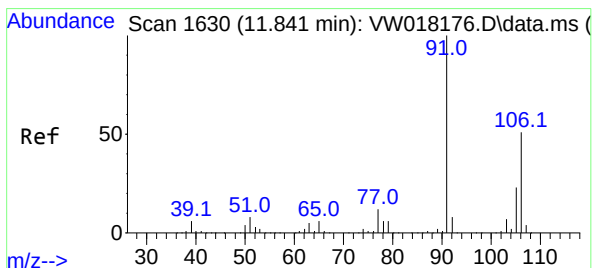
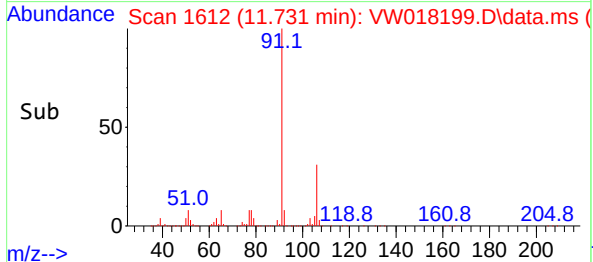
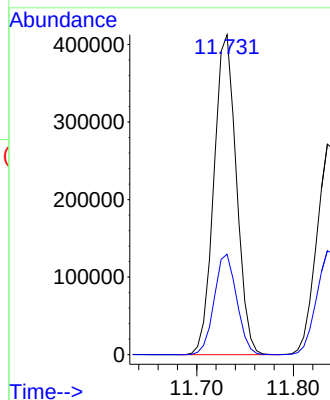
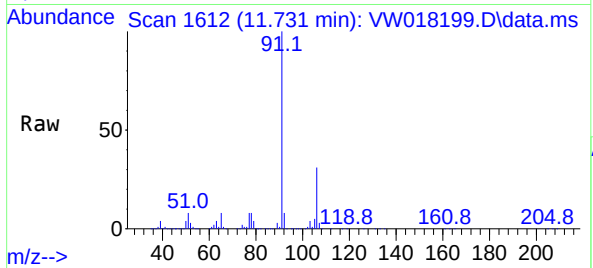




#53
Ethylbenzene
Concen: 24.94 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

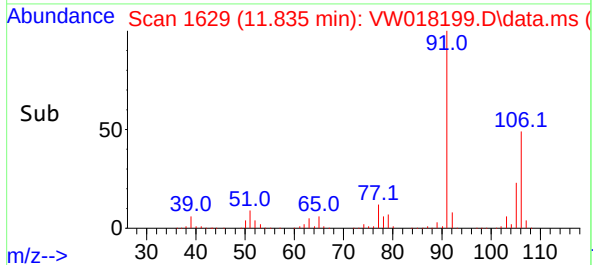
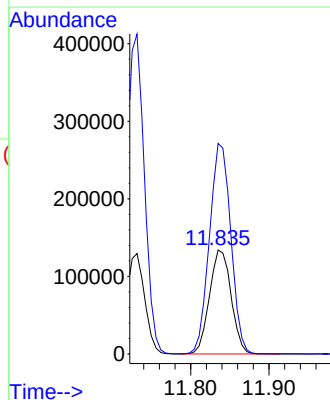
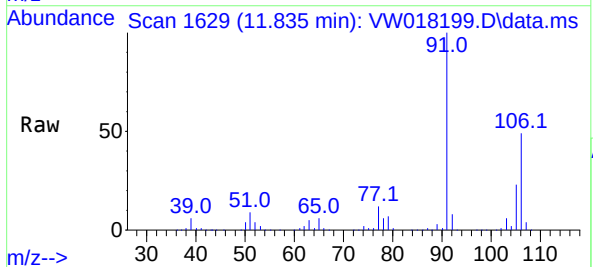
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

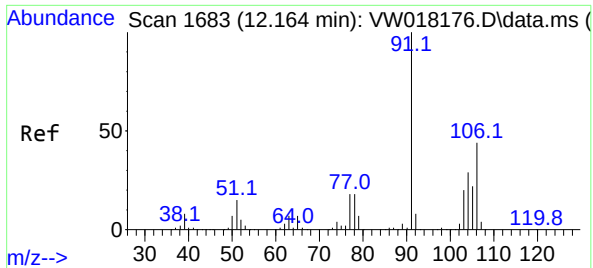
Tgt Ion: 91 Resp: 665396
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.1



#54
m,p-Xylene
Concen: 25.28 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:106 Resp: 257159
Ion Ratio Lower Upper
106 100
91 202.4 136.4 253.4

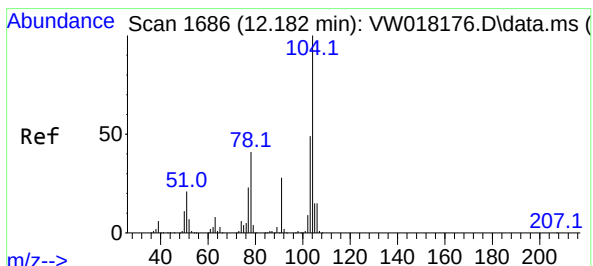
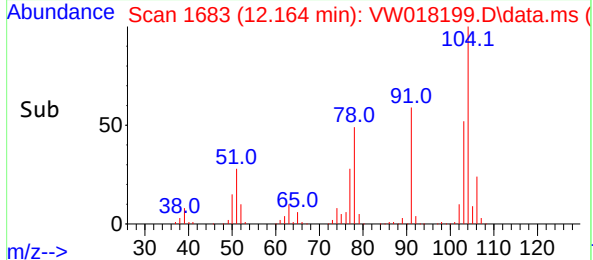
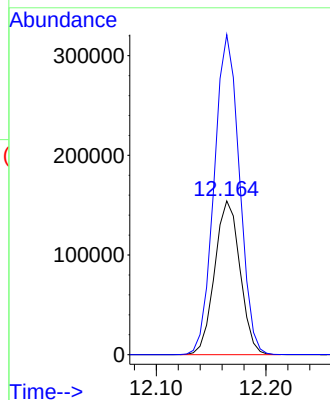
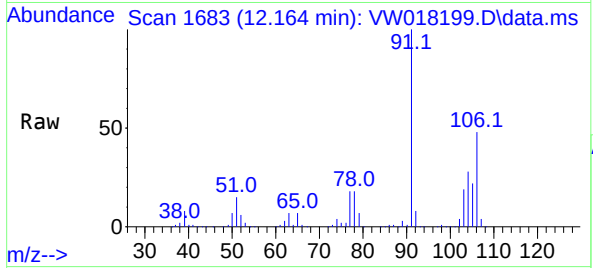




#55
o-xylene
Concen: 25.69 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

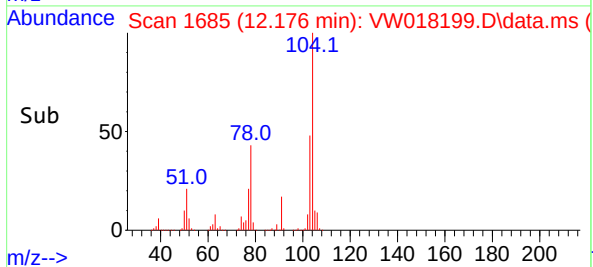
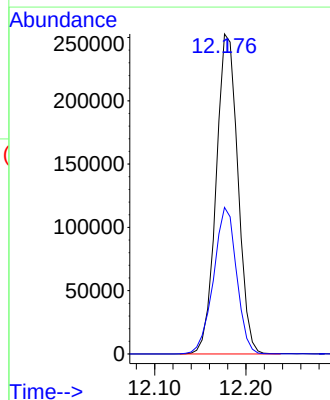
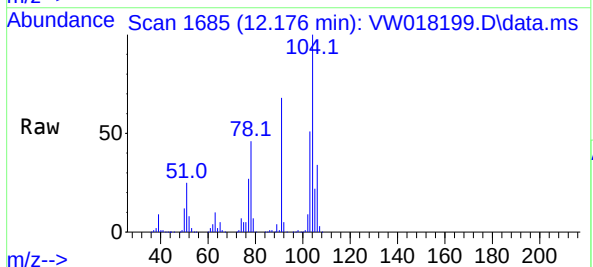
Instrument :
MSVOA_W
ClientSampled :
VSTD02529

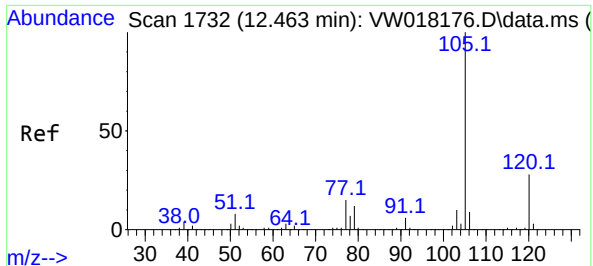
Tgt Ion:106 Resp: 247853
Ion Ratio Lower Upper
106 100
91 208.2 147.6 274.2



#56
Styrene
Concen: 25.50 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:104 Resp: 418374
Ion Ratio Lower Upper
104 100
78 45.8 31.3 58.1

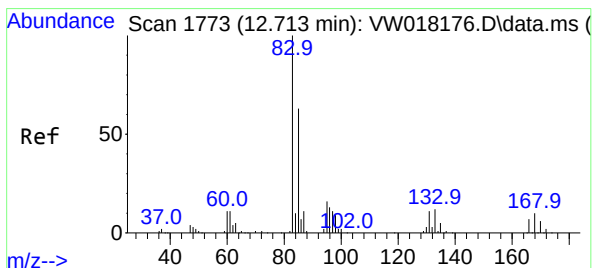
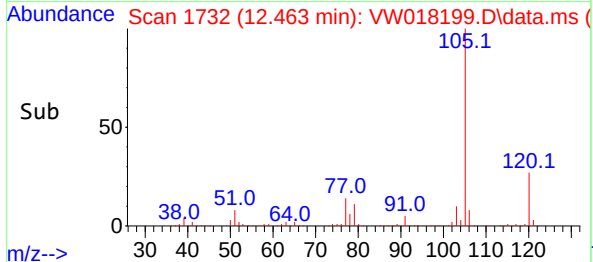
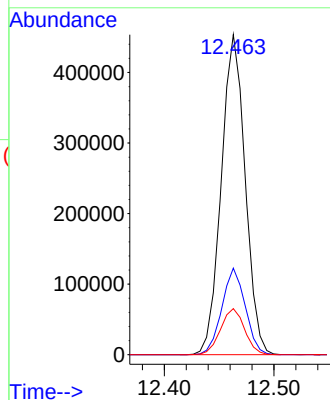
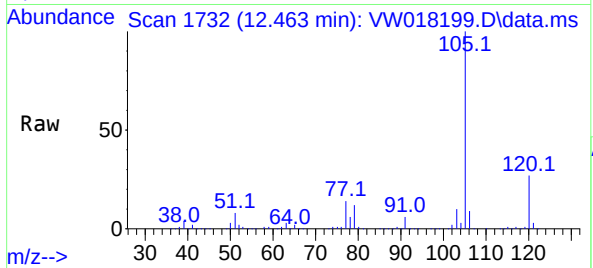




#57
Isopropylbenzene
Concen: 25.61 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

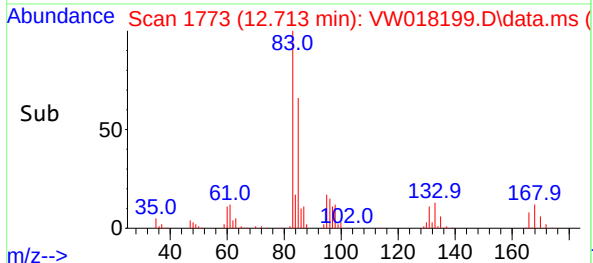
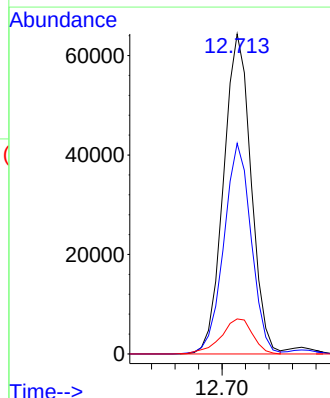
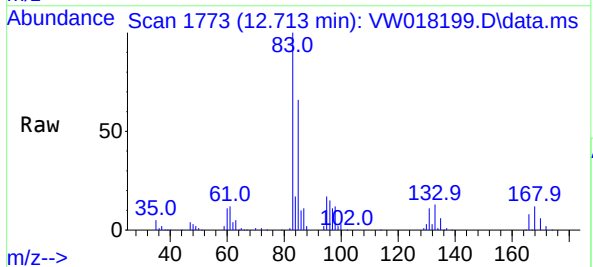
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

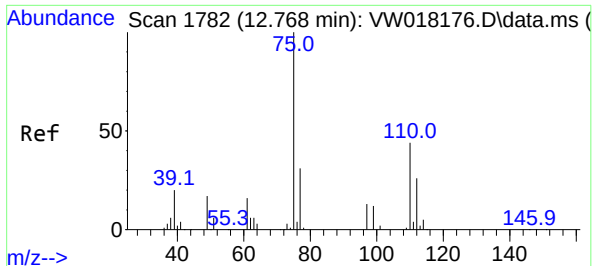
Tgt Ion:105 Resp: 688249
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 14.5 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 21.15 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion: 83 Resp: 104514
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
131 10.9 8.3 12.5

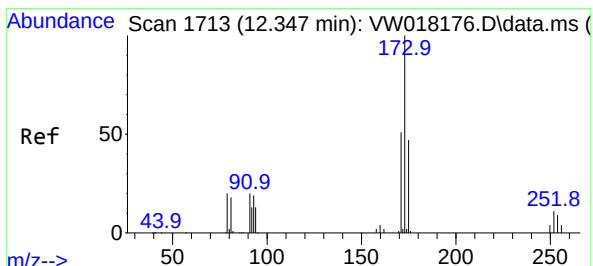
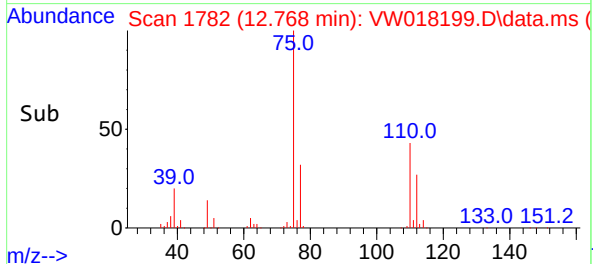
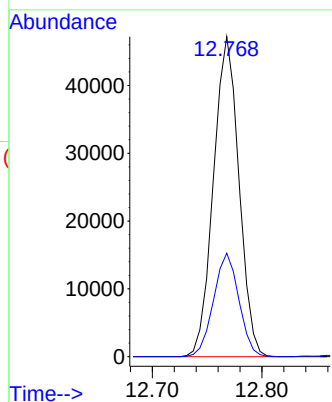
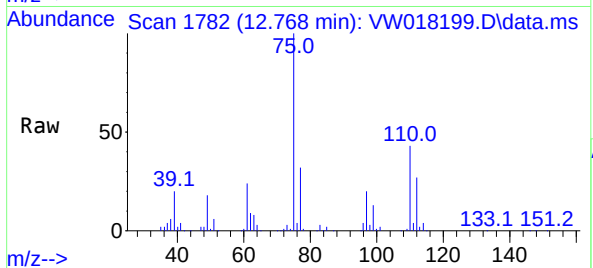




#59
1,2,3-Trichloropropane
Concen: 20.33 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

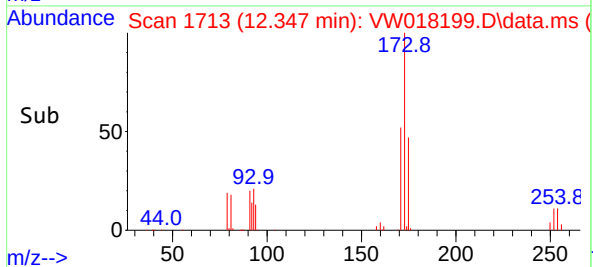
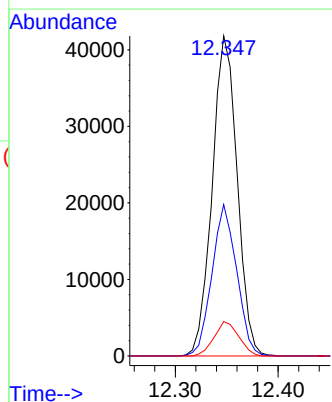
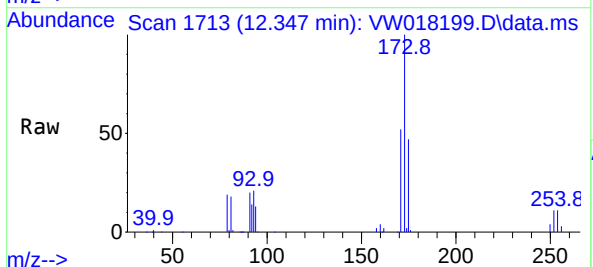
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

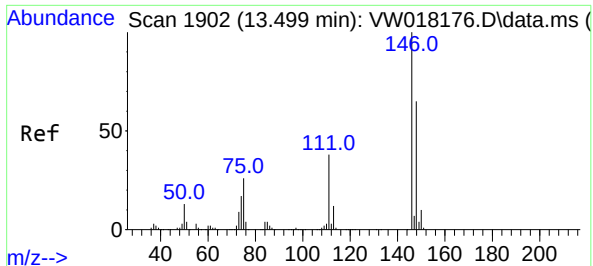
Tgt Ion: 75 Resp: 76110
Ion Ratio Lower Upper
75 100
77 32.1 26.6 39.8



#62
Bromoform
Concen: 23.87 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:173 Resp: 70527
Ion Ratio Lower Upper
173 100
175 46.8 39.1 58.7
254 10.6 7.1 10.7



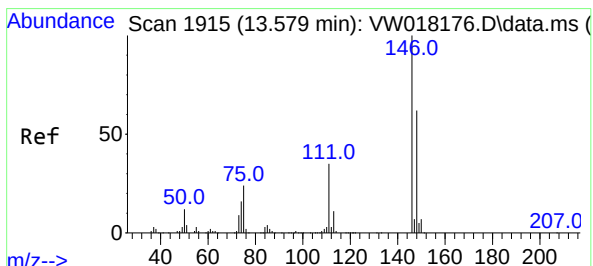
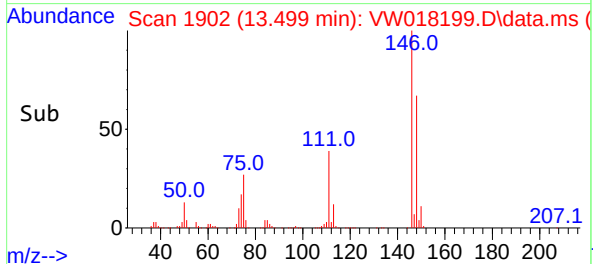
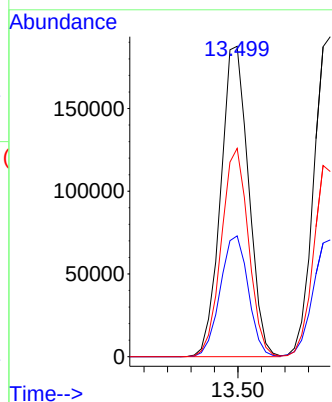
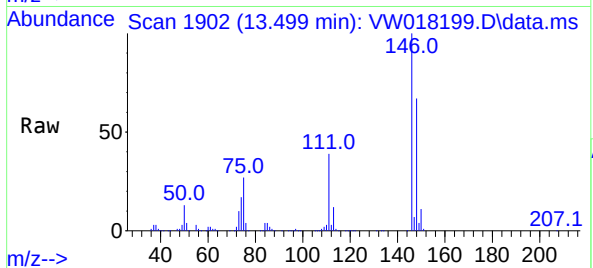


#63

1,3-Dichlorobenzene
Concen: 25.21 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

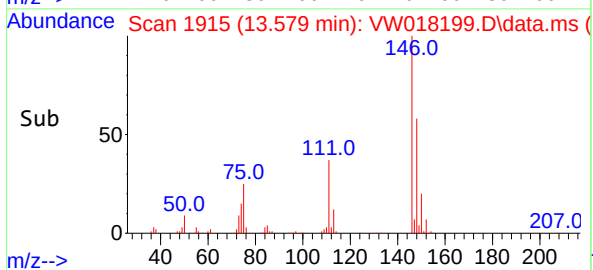
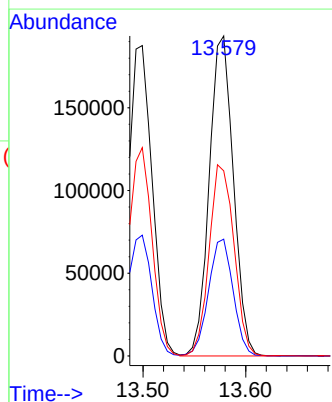
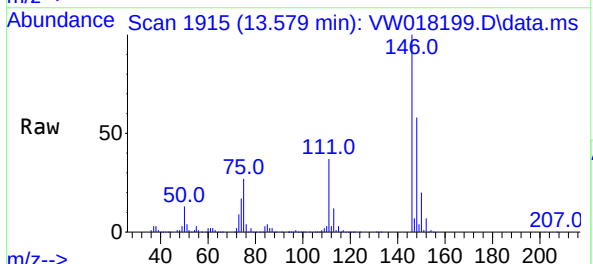
Tgt Ion:146 Resp: 308205
Ion Ratio Lower Upper
146 100
111 38.9 28.5 52.9
148 67.1 47.8 88.8



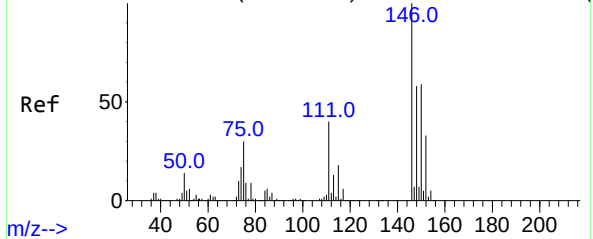
#64

1,4-Dichlorobenzene
Concen: 25.74 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

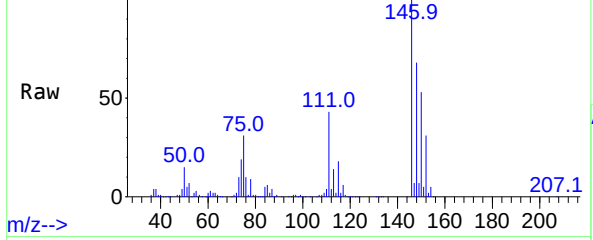
Tgt Ion:146 Resp: 316481
Ion Ratio Lower Upper
146 100
111 36.5 27.7 51.5
148 57.9 47.0 87.2



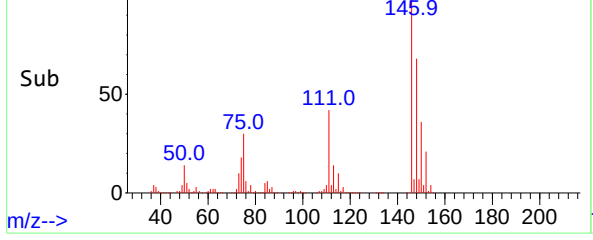
Abundance Scan 1962 (13.865 min): VW018176.D\data.ms (



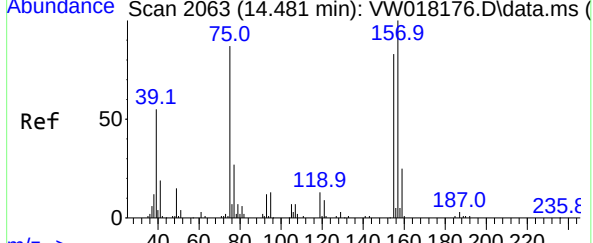
m/z--> Abundance Scan 1962 (13.865 min): VW018199.D\data.ms (



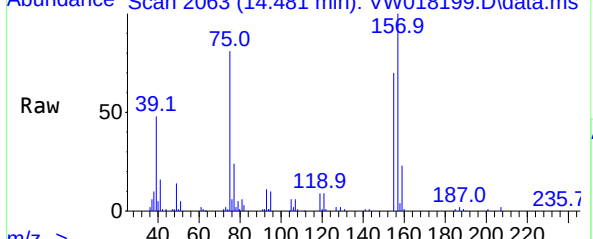
m/z--> Abundance Scan 1962 (13.865 min): VW018199.D\data.ms (



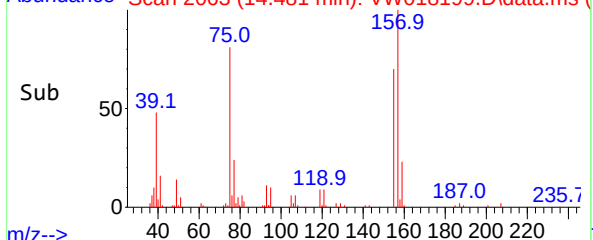
m/z--> Abundance Scan 2063 (14.481 min): VW018176.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018199.D\data.ms (



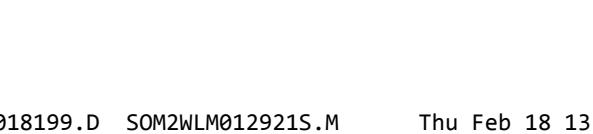
m/z--> Abundance Scan 2063 (14.481 min): VW018199.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018199.D\data.ms (

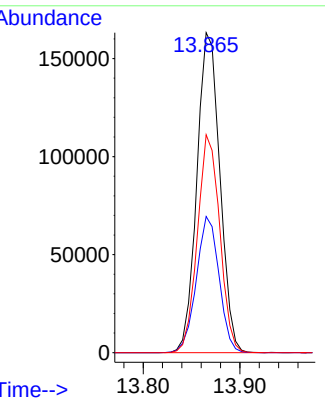


m/z--> Abundance Scan 2063 (14.481 min): VW018199.D\data.ms (



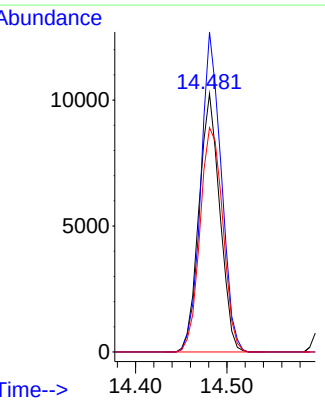
#65
1,2-Dichlorobenzene
Concen: 24.47 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:	146	Resp:	269706
Ion	Ratio	Lower	Upper
146	100		
111	42.6	31.7	47.5
148	68.1	49.3	73.9

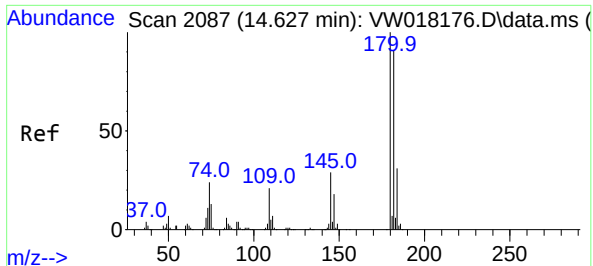


#66
1,2-Dibromo-3-chloropropane
Concen: 19.41 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:	75	Resp:	16209
Ion	Ratio	Lower	Upper
75	100		
157	123.9	99.9	149.9
155	86.9	71.4	107.0



Instrument :
MSVOA_W
ClientSampled :
VSTD02529

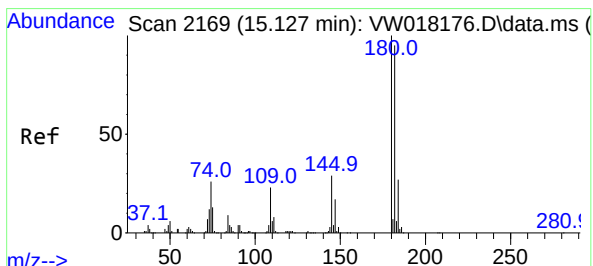
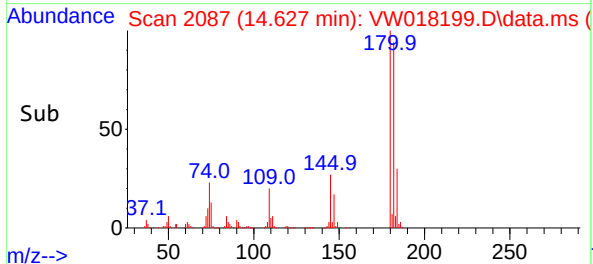
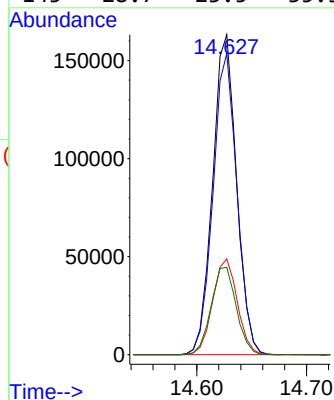
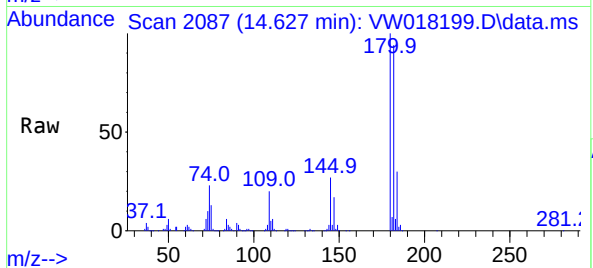


#67
1,3,5-Trichlorobenzene
Concen: 26.37 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion:180 Resp: 247598

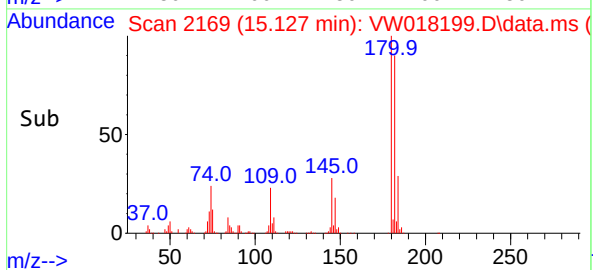
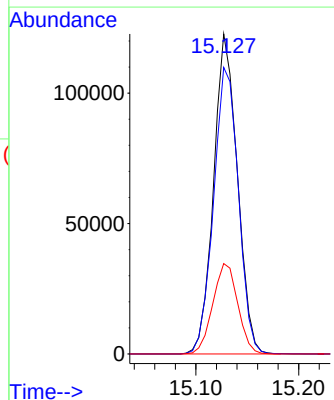
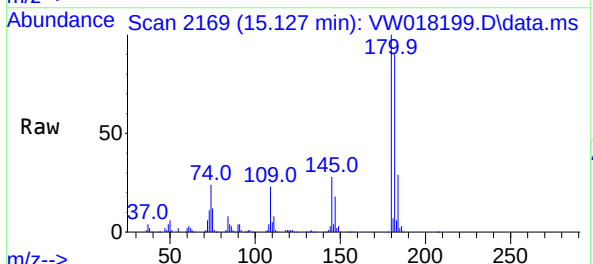
Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
184	30.8	24.2	36.4
145	28.7	23.5	35.3

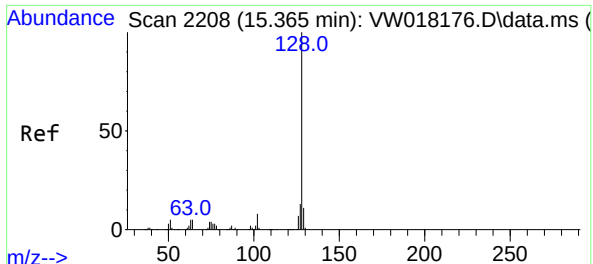


#68
1,2,4-trichlorobenzene
Concen: 25.19 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:180 Resp: 197182

Ion	Ratio	Lower	Upper
180	100		
182	93.5	71.3	106.9
145	29.7	24.0	36.0

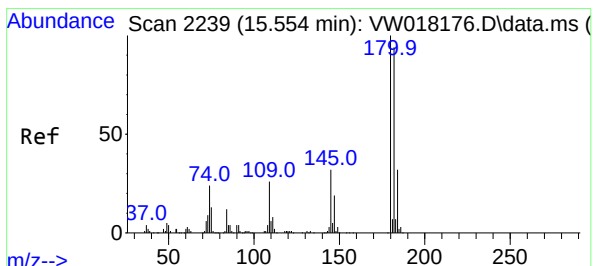
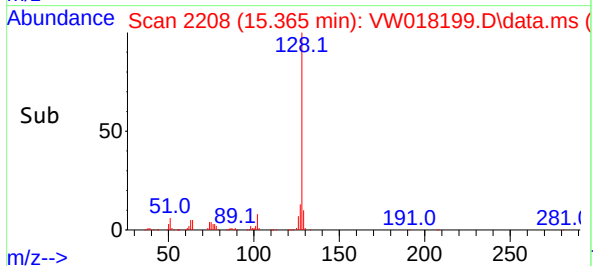
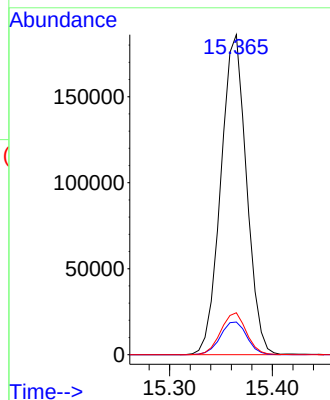
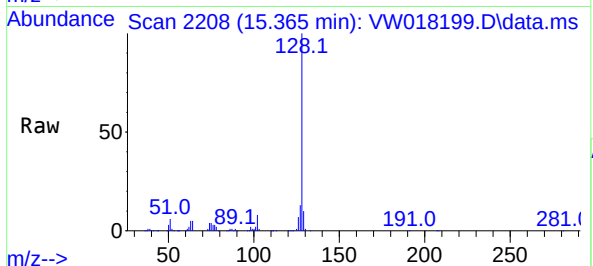




#69
Naphthalene
Concen: 21.18 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion:128 Resp: 322606
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.03 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018199.D
Acq: 18 Feb 2021 09:09

Tgt Ion:180 Resp: 167713
Ion Ratio Lower Upper
180 100
182 95.0 74.7 112.1
145 31.4 25.4 38.0

