

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018544.D
 Acq On : 02 Apr 2021 10:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Apr 02 23:37:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	468684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	249987	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	185732	27.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	108.64%		
7) Chloroethane-d5	2.892	69	154616	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.32%		
10) 1,1-Dichloroethene-d2	4.026	63	292837	24.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	99.20%		
20) 2-Butanone-d5	7.068	46	80435	52.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.66%		
24) Chloroform-d	7.647	84	324353	25.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.64%		
26) 1,2-Dichloroethane-d4	8.305	65	192109	26.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.16%		
29) Benzene-d6	8.275	84	603586	24.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.88%		
33) 1,2-Dichloropropane-d6	9.275	67	180490	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.44%		
37) Toluene-d8	10.323	98	602258	25.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.40%		
38) trans-1,3-Dichloroprop...	10.579	79	88807	23.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.84%		
39) 2-Hexanone-d5	10.927	63	69141	49.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.32%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	174494	27.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.56%		
61) 1,2-Dichlorobenzene-d4	13.853	152	220040	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.04%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	135163	23.95	ug/L	95
3) Chloromethane	2.215	50	169105	23.77	ug/L	98
5) Vinyl chloride	2.367	62	262766	28.13	ug/L	99
6) Bromomethane	2.782	94	187514	27.79	ug/L	98
8) Chloroethane	2.928	64	162191	27.84	ug/L	94
9) Trichlorofluoromethane	3.264	101	116110	24.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	172630	28.56	ug/L	98
12) 1,1-Dichloroethene	4.044	96	169418	27.46	ug/L	95
13) Acetone	4.117	43	60826	55.62	ug/L	98
14) Carbon disulfide	4.385	76	500923	26.97	ug/L	99
15) Methyl Acetate	4.666	43	75686	30.26	ug/L	96
16) Methylene chloride	4.916	84	191005	23.70	ug/L	96
17) Methyl tert-butyl Ether	5.422	73	243611	27.03	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	187900	27.59	ug/L	98
19) 1,1-Dichloroethane	6.214	63	323915	27.88	ug/L	100
21) 2-Butanone	7.165	43	97937	56.36	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	203255	28.38	ug/L	98
23) Bromochloromethane	7.513	128	90799	28.64	ug/L #	85
25) Chloroform	7.671	83	351560	28.51	ug/L	98
27) 1,2-Dichloroethane	8.397	62	256156	29.28	ug/L	100

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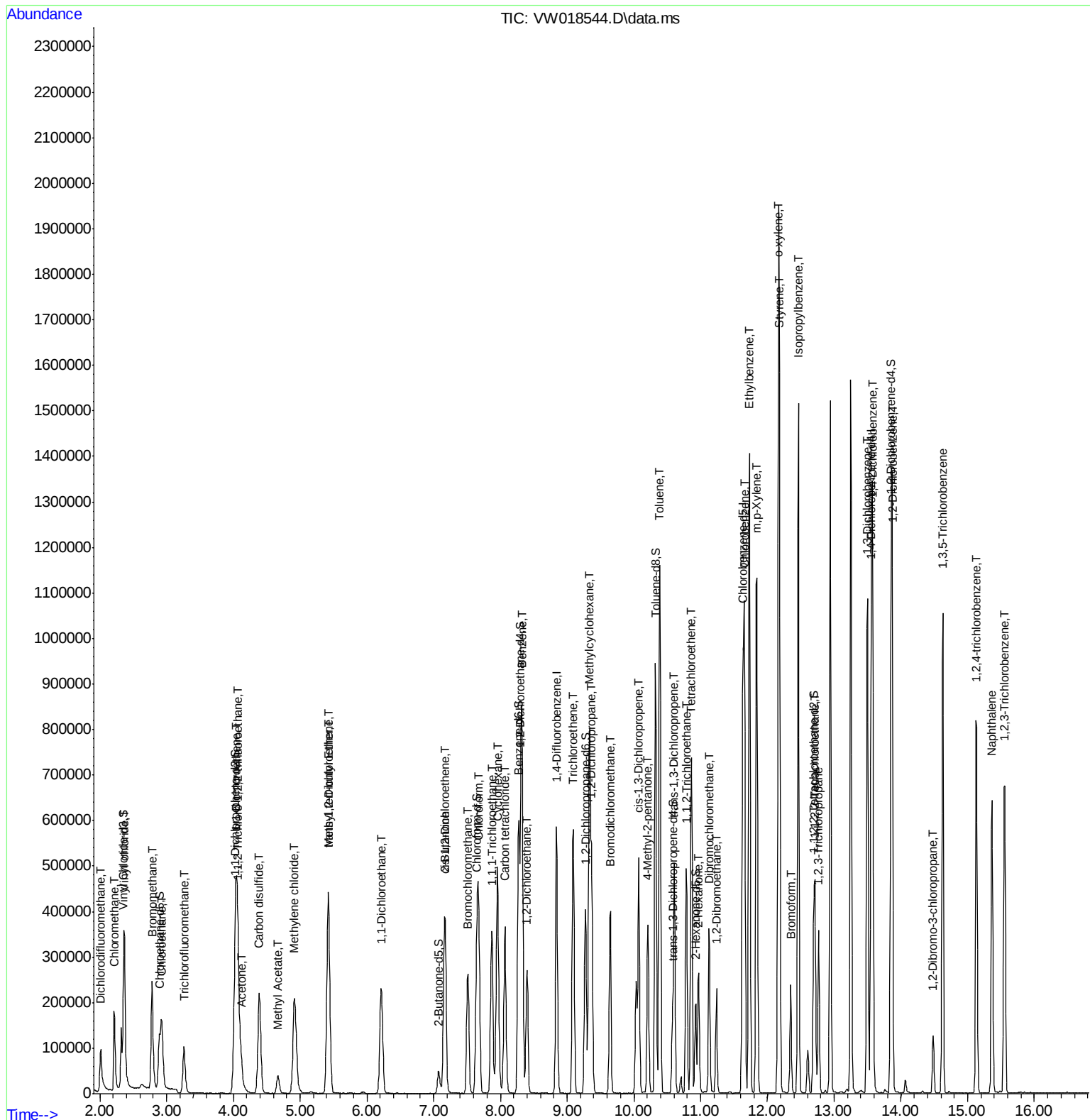
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	278279	25.01	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	283915	27.10	ug/L	97
32) Carbon tetrachloride	8.068	117	265174	27.16	ug/L	99
34) Benzene	8.324	78	742950	27.37	ug/L	100
35) Trichloroethene	9.092	95	206324	27.51	ug/L	99
36) Methylcyclohexane	9.336	83	333762	25.42	ug/L	98
40) 1,2-Dichloropropane	9.366	63	181655	27.36	ug/L	98
41) Bromodichloromethane	9.646	83	264087	28.14	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	300679	26.78	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	229229	57.41	ug/L	96
44) Toluene	10.384	91	862560	27.95	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	275387	27.31	ug/L	100
46) 1,1,2-Trichloroethane	10.787	97	151037	28.53	ug/L	95
47) Tetrachloroethene	10.860	164	157672	27.69	ug/L	91
49) 2-Hexanone	10.969	43	161279	57.08	ug/L	98
50) Dibromochloromethane	11.128	129	178724	28.63	ug/L	95
51) 1,2-Dibromoethane	11.232	107	153883	29.35	ug/L	95
52) Chlorobenzene	11.658	112	543643	27.78	ug/L	98
53) Ethylbenzene	11.731	91	964877	27.73	ug/L	99
54) m,p-Xylene	11.841	106	358865	26.99	ug/L	99
55) o-xylene	12.164	106	354004	27.93	ug/L	99
56) Styrene	12.183	104	616392	28.52	ug/L	95
57) Isopropylbenzene	12.463	105	962899	27.93	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	190767	29.77	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	142885	29.54	ug/L	99
62) Bromoform	12.347	173	98421	25.67	ug/L #	96
63) 1,3-Dichlorobenzene	13.499	146	426578	26.66	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	428216	26.52	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	385678	26.97	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	33350	25.80	ug/L	96
67) 1,3,5-Trichlorobenzene	14.627	180	309260	26.80	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	255492	26.02	ug/L	95
69) Naphthalene	15.365	128	537141	26.27	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	222786	26.00	ug/L	99

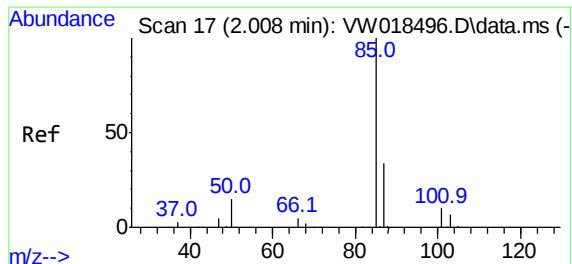
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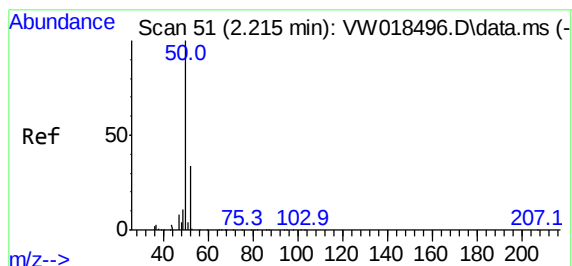
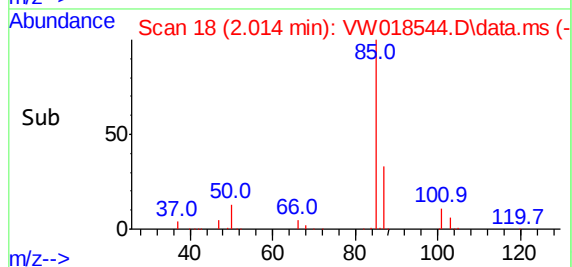
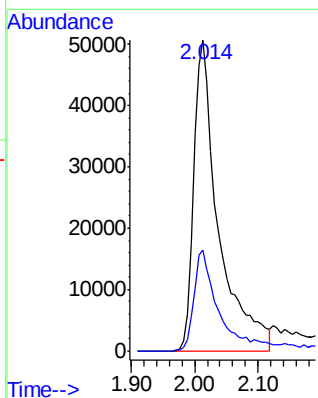
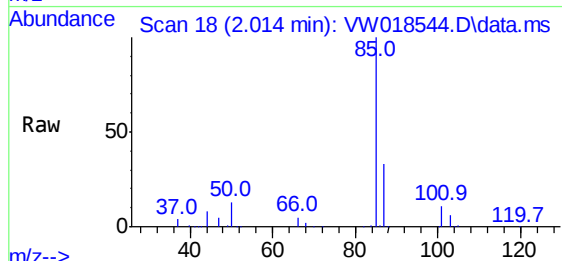




#2
Dichlorodifluoromethane
Concen: 23.95 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

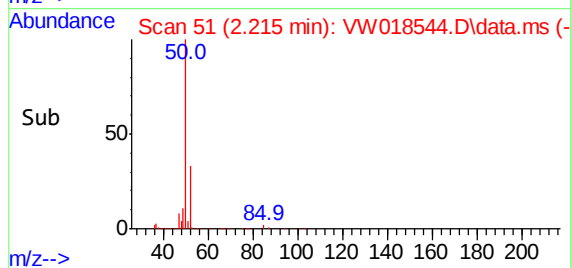
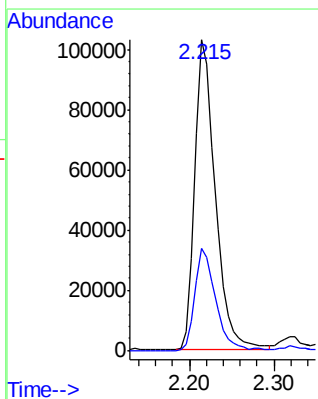
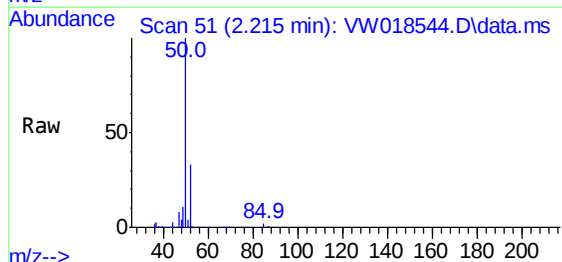
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MSVOA_W
ClientSampleId :
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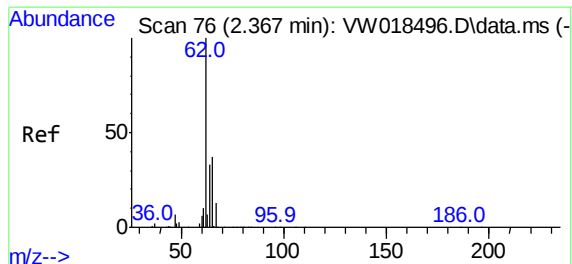
Tgt Ion: 85 Resp: 135163
Ion Ratio Lower Upper
85 100
87 29.2 22.2 41.2



#3
Chloromethane
Concen: 23.77 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 50 Resp: 169105
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9

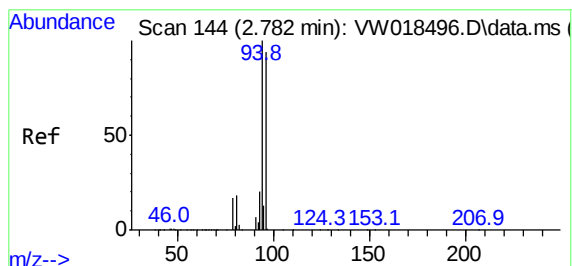
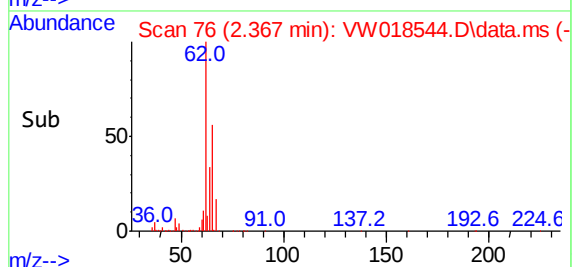
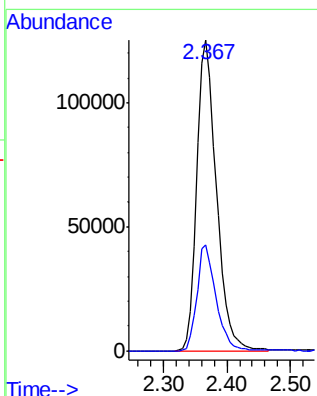
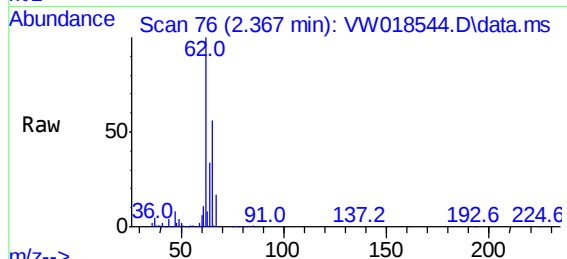




#5
 Vinyl chloride
 Concen: 28.13 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018544.D
 Acq: 02 Apr 2021 10:52

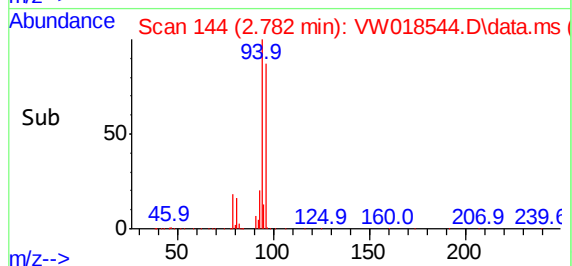
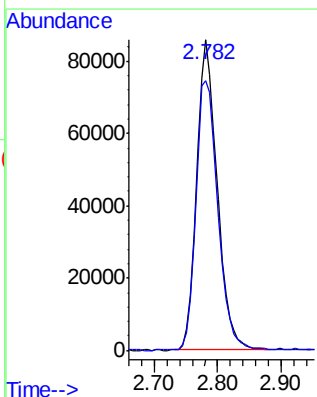
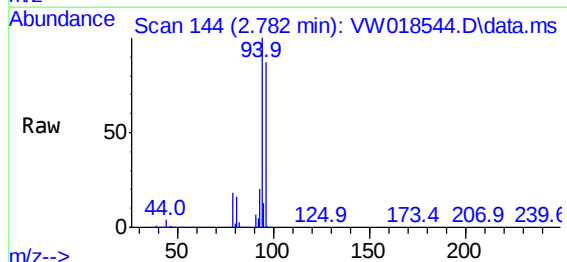
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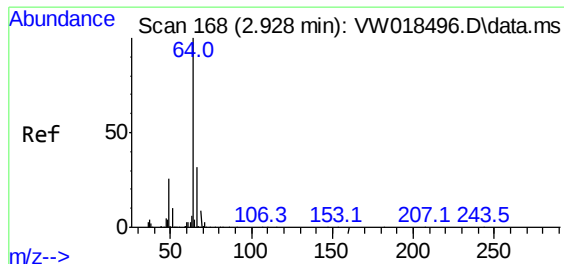
Tgt Ion: 62 Resp: 262766
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.5 43.7



#6
 Bromomethane
 Concen: 27.79 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018544.D
 Acq: 02 Apr 2021 10:52

Tgt Ion: 94 Resp: 187514
 Ion Ratio Lower Upper
 94 100
 96 92.8 9.4 179.4

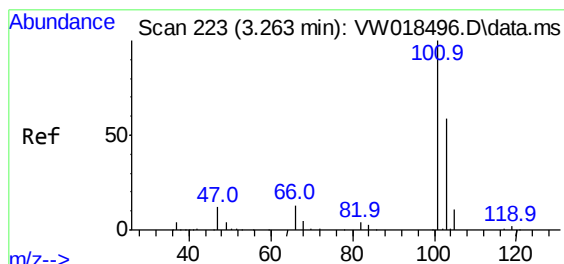
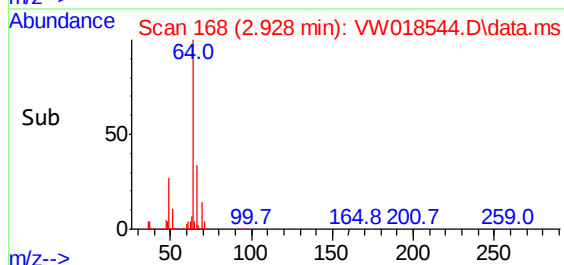
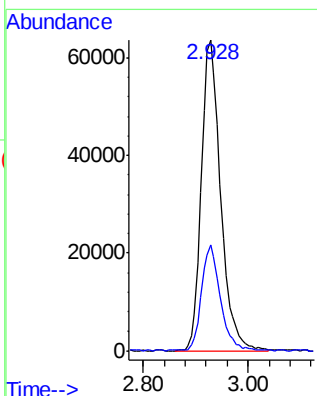
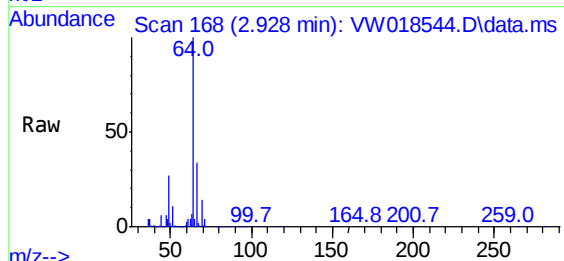




#8
Chloroethane
Concen: 27.84 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

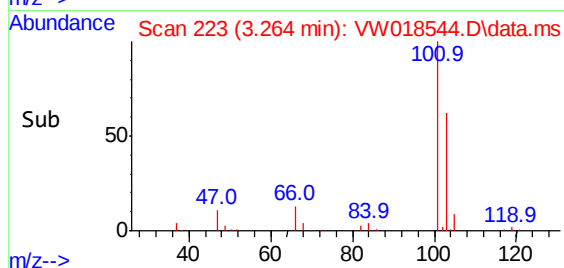
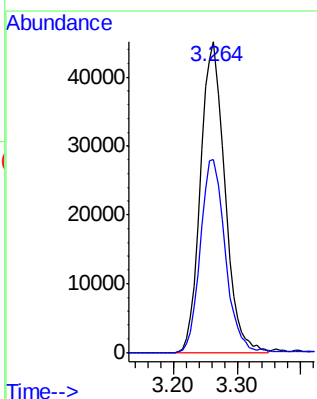
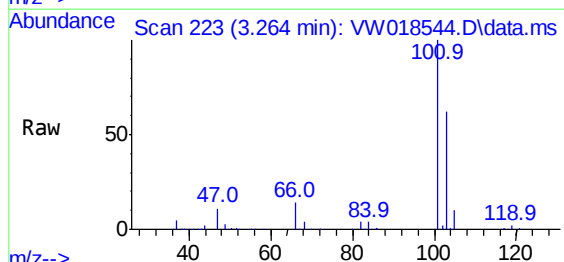
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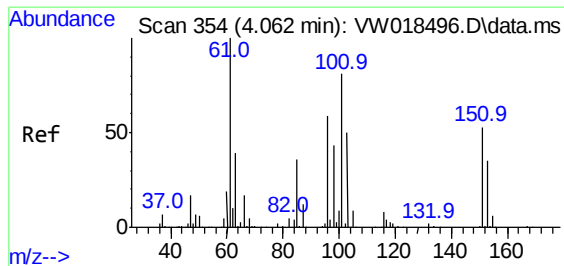
Tgt Ion: 64 Resp: 162191
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.70 ug/L
RT: 3.264 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 101 Resp: 116110
Ion Ratio Lower Upper
101 100
103 63.7 45.6 84.8



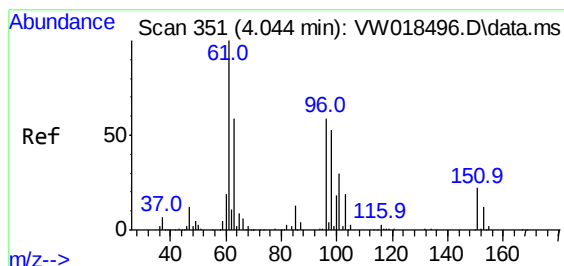
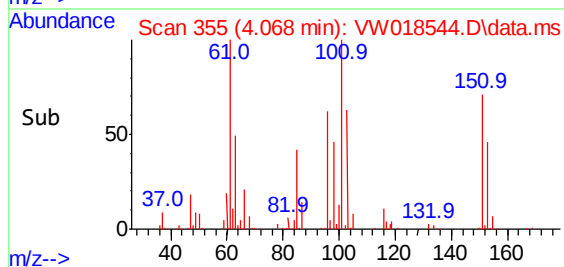
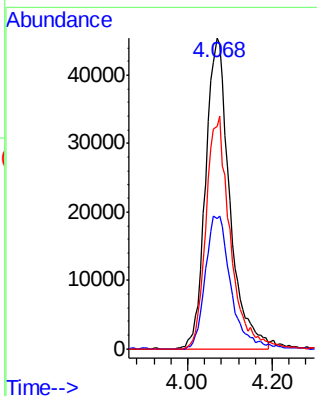
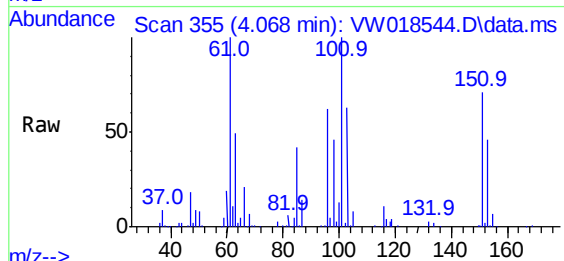


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.56 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018544.D
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Instrument :
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 ClientSampled :
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Tgt Ion:101 Resp: 172630

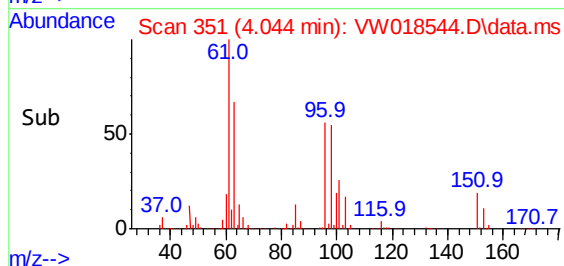
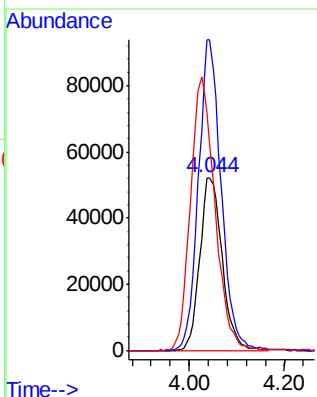
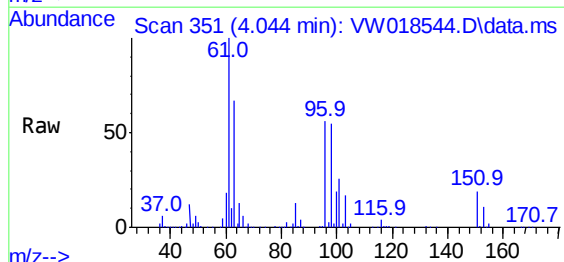
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.6	53.4
151	74.9	58.1	87.1

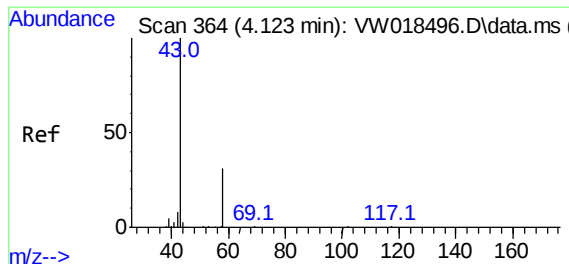


#12
 1,1-Dichloroethene
 Concen: 27.46 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
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Tgt Ion: 96 Resp: 169418

Ion	Ratio	Lower	Upper
96	100		
61	180.1	118.6	220.2
63	120.0	82.4	153.0

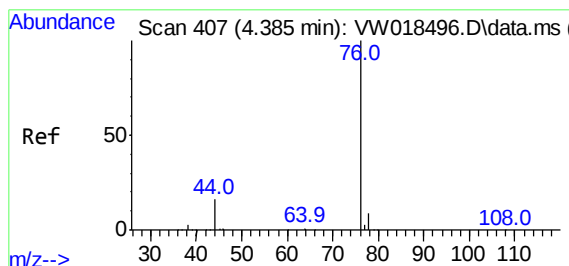
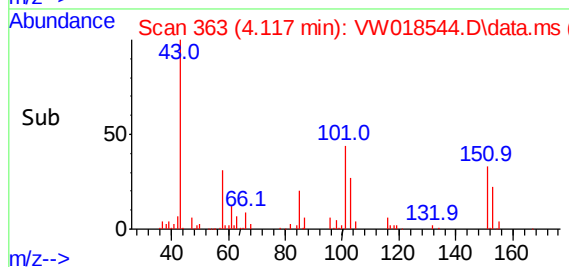
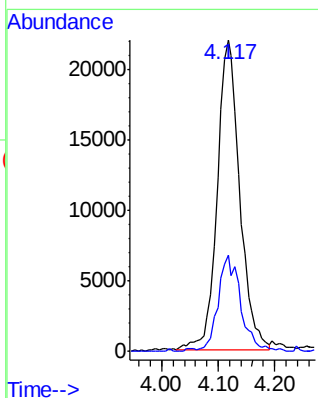
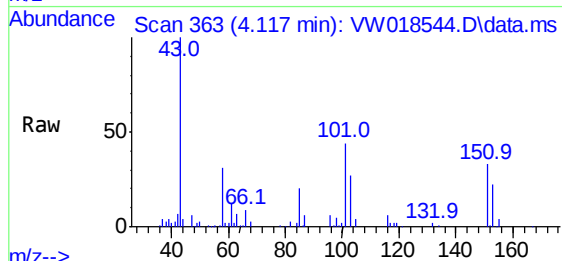




#13
Acetone
Concen: 55.62 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

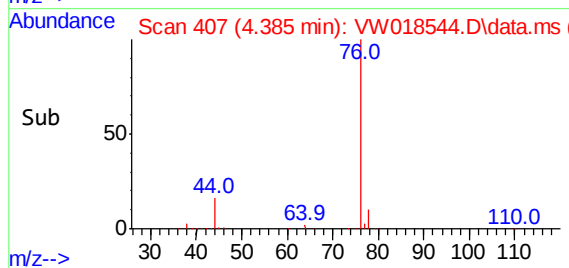
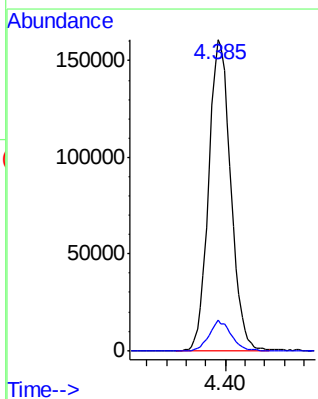
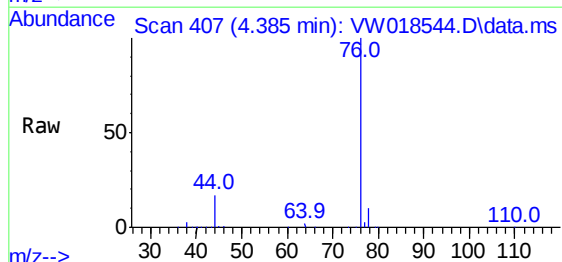
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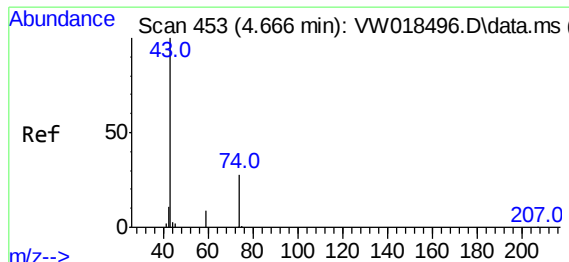
Tgt Ion: 43 Resp: 60826
Ion Ratio Lower Upper
43 100
58 30.1 0.0 62.2



#14
Carbon disulfide
Concen: 26.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018544.D
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Tgt Ion: 76 Resp: 500923
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

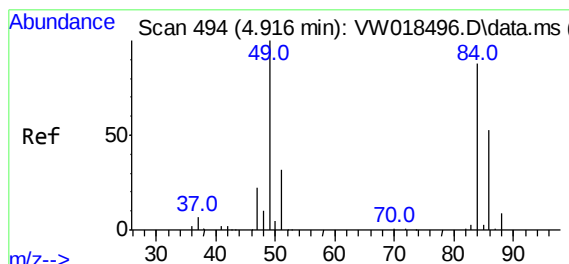
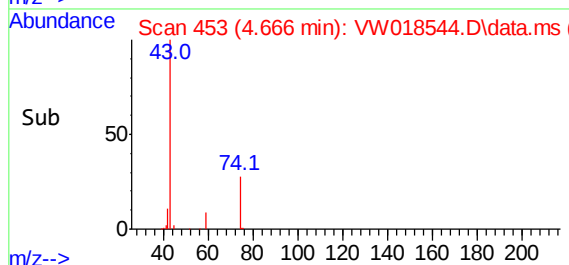
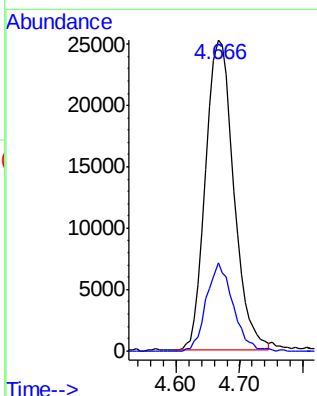
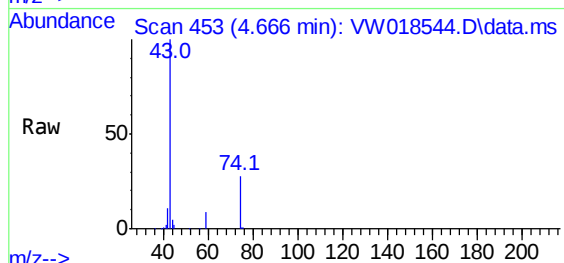




#15
Methyl Acetate
Concen: 30.26 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

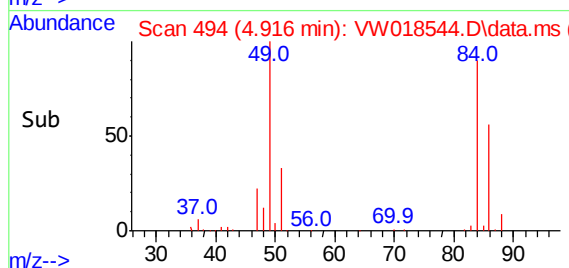
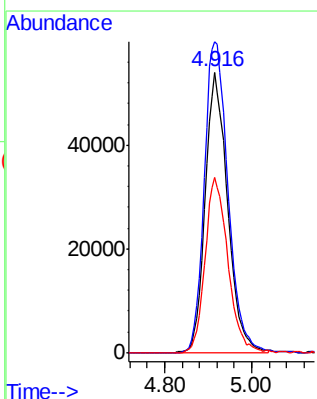
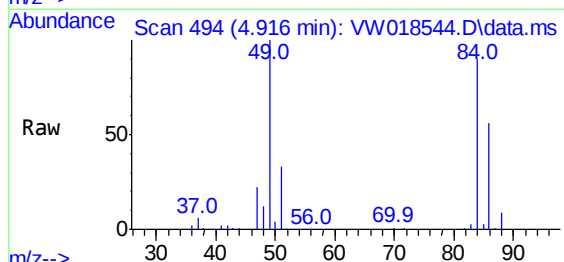
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

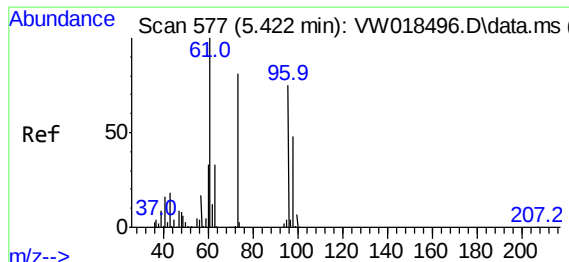
Tgt Ion: 43 Resp: 75686
Ion Ratio Lower Upper
43 100
74 26.3 22.9 34.3



#16
Methylene chloride
Concen: 23.70 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 84 Resp: 191005
Ion Ratio Lower Upper
84 100
49 110.8 74.4 138.2
86 62.3 46.1 85.7



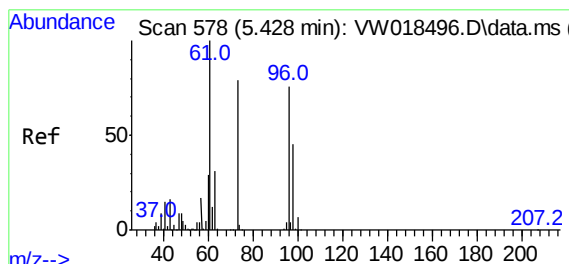
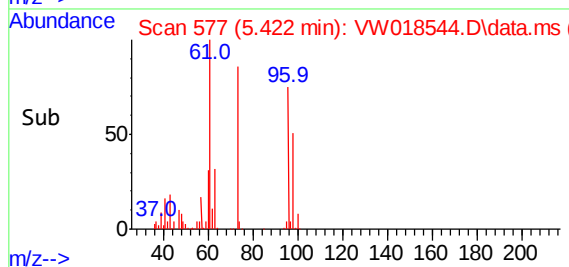
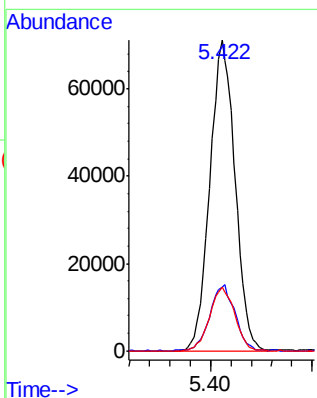
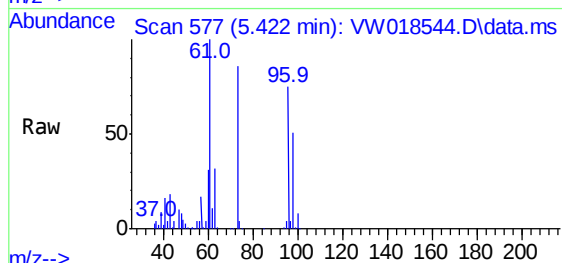


#17
Methyl tert-butyl Ether
Concen: 27.03 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 73 Resp: 243611

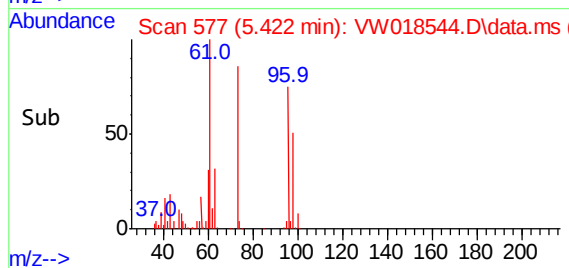
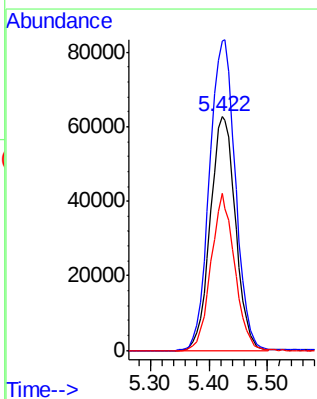
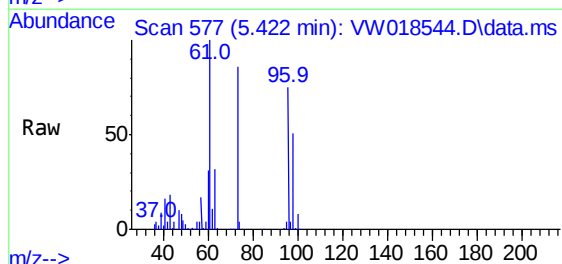
Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.6	24.8
57	20.5	15.9	23.9

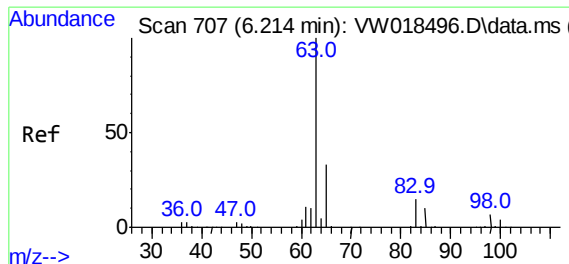


#18
trans-1,2-Dichloroethene
Concen: 27.59 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 96 Resp: 187900

Ion	Ratio	Lower	Upper
96	100		
61	132.6	93.3	173.3
98	67.5	45.2	84.0



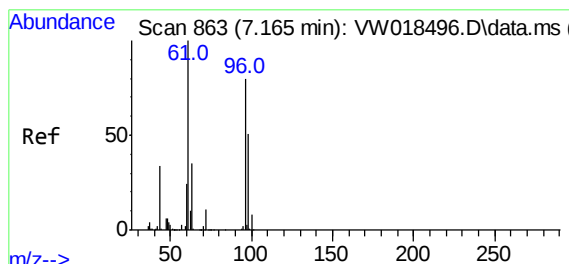
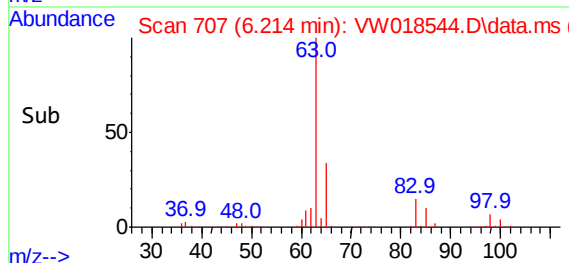
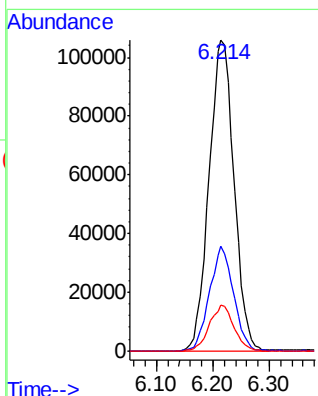
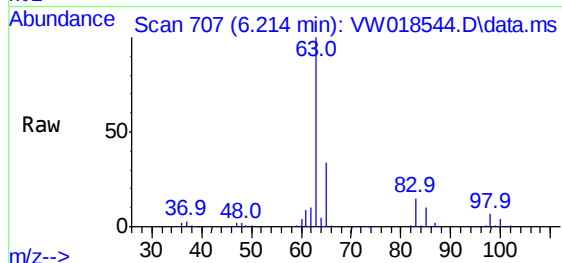


#19
1,1-Dichloroethane
Concen: 27.88 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 63 Resp: 323915

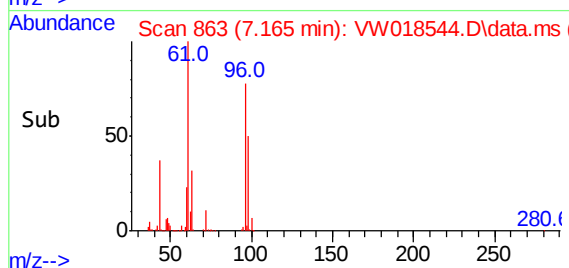
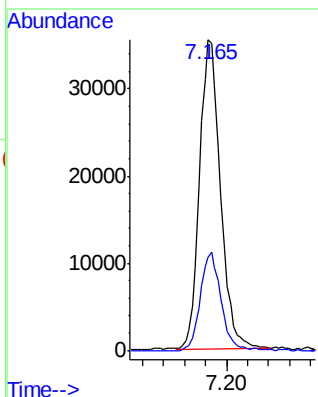
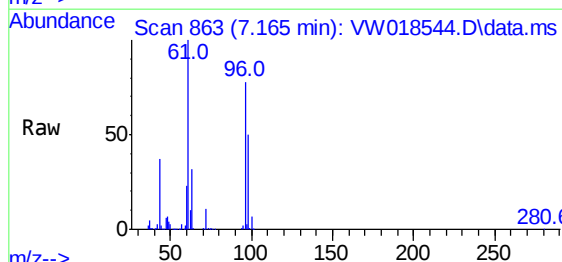
Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.5	43.7
83	14.7	10.3	19.1

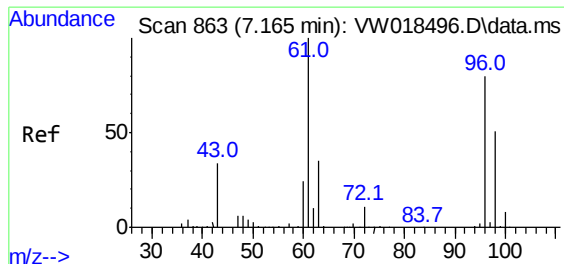


#21
2-Butanone
Concen: 56.36 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 43 Resp: 97937

Ion	Ratio	Lower	Upper
43	100		
72	30.9	16.5	49.5

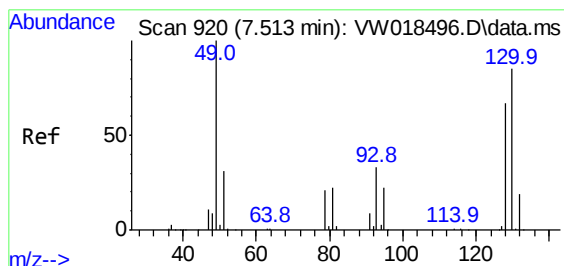
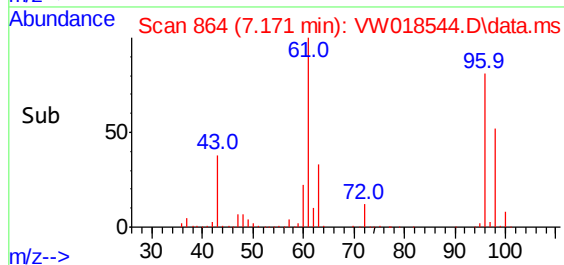
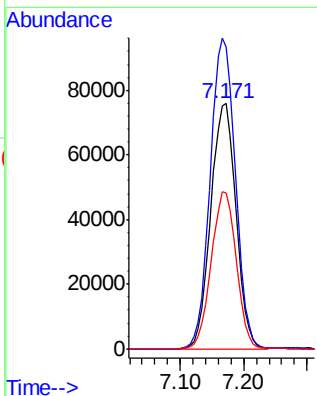
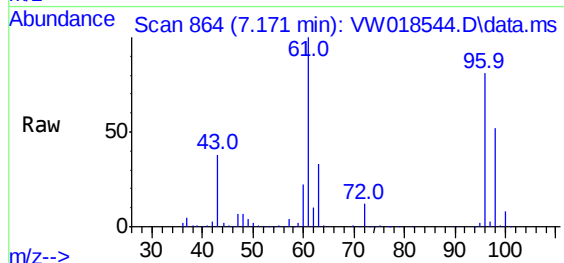




#22
cis-1,2-Dichloroethene
Concen: 28.38 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

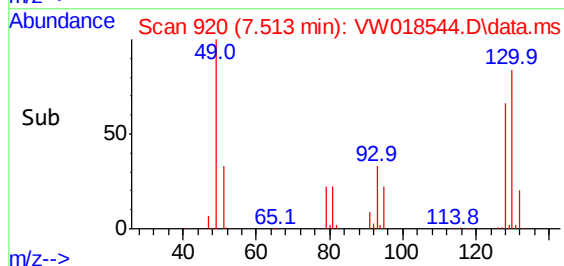
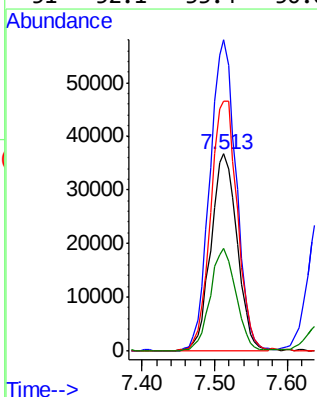
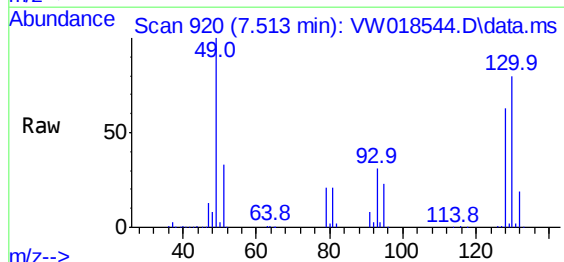
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

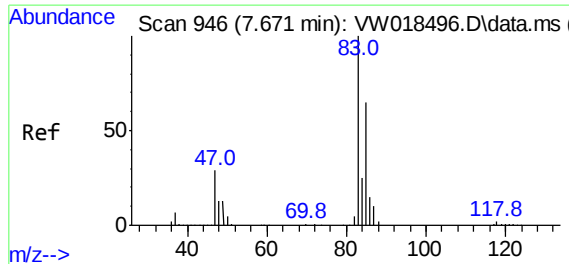
Tgt Ion: 96 Resp: 203255
Ion Ratio Lower Upper
96 100
61 122.9 84.8 157.6
98 63.3 45.1 83.9



#23
Bromochloromethane
Concen: 28.64 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 128 Resp: 90799
Ion Ratio Lower Upper
128 100
49 158.0 92.4 171.6
130 126.9 83.9 155.7
51 52.1 33.4 50.0#

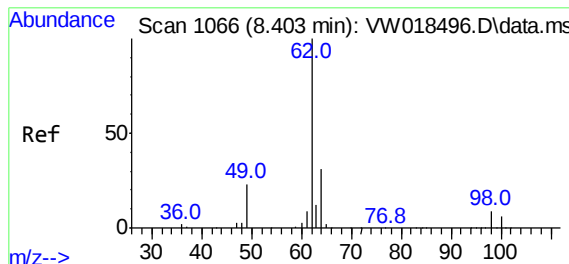
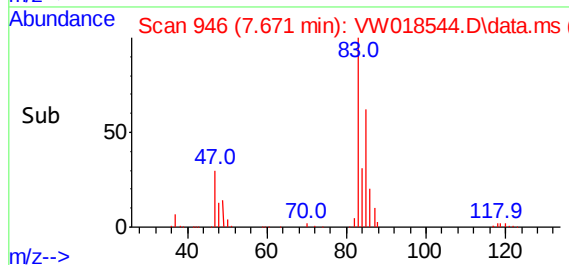
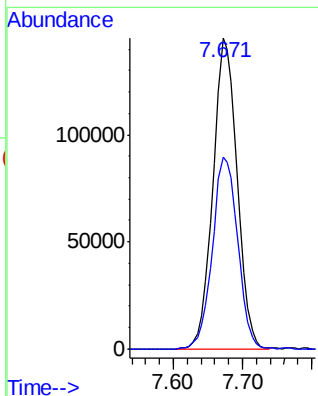
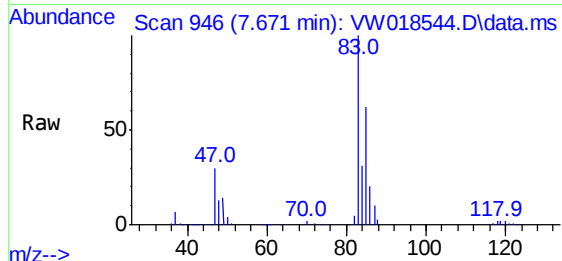




#25
Chloroform
Concen: 28.51 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

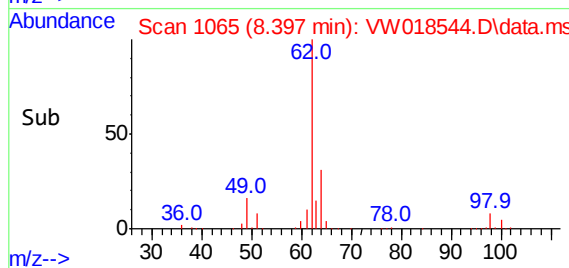
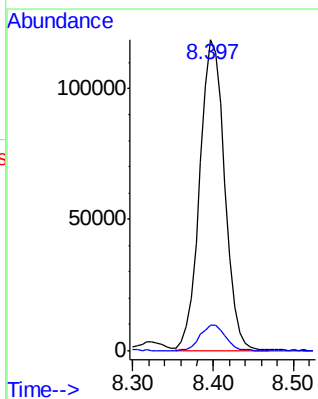
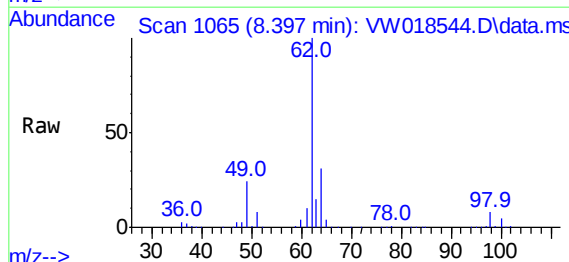
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

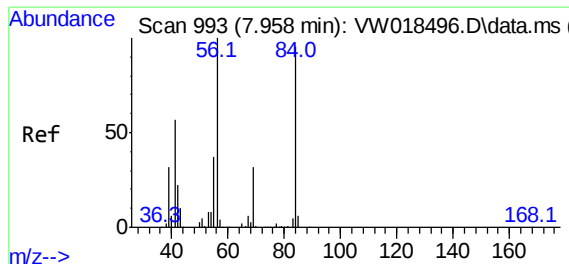
Tgt Ion: 83 Resp: 351560
Ion Ratio Lower Upper
83 100
85 64.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 29.28 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 62 Resp: 256156
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6



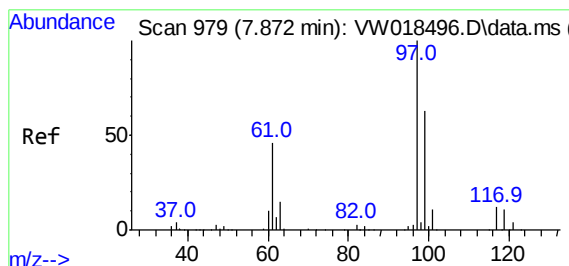
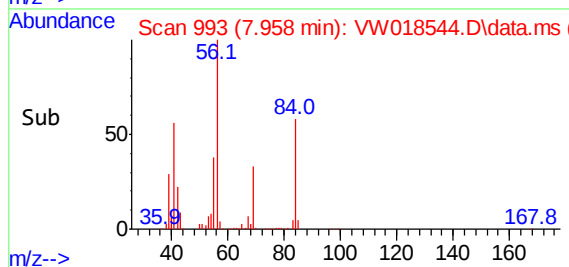
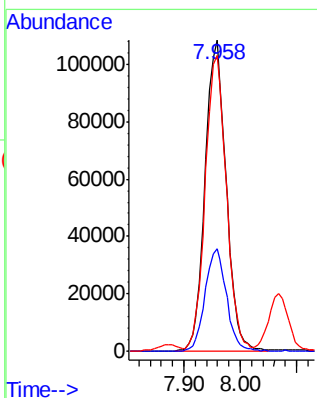
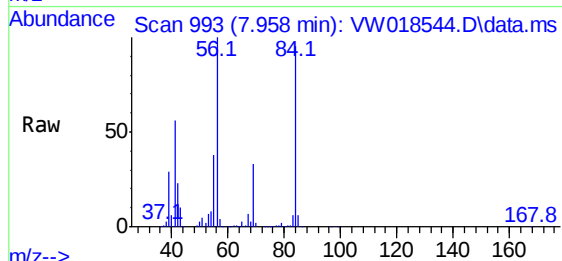


#30
Cyclohexane
Concen: 25.01 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 56 Resp: 278279

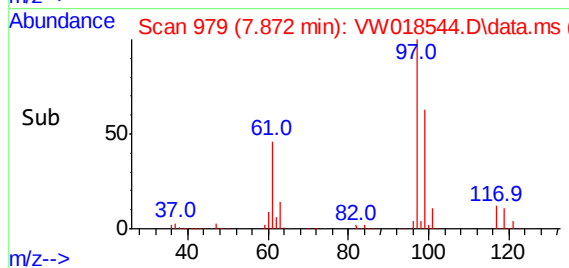
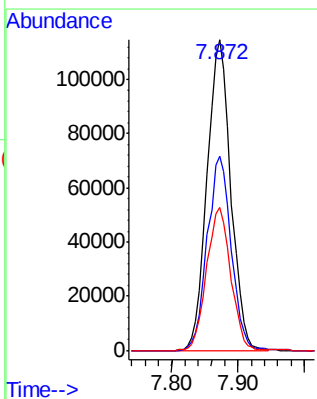
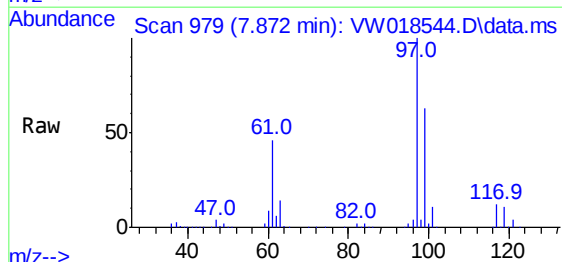
Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.0	40.6
84	95.8	79.9	119.9

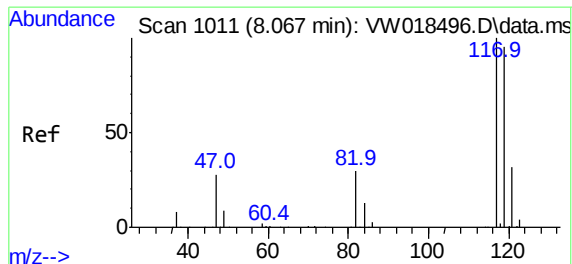


#31
1,1,1-Trichloroethane
Concen: 27.10 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 97 Resp: 283915

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	46.8	34.8	52.2

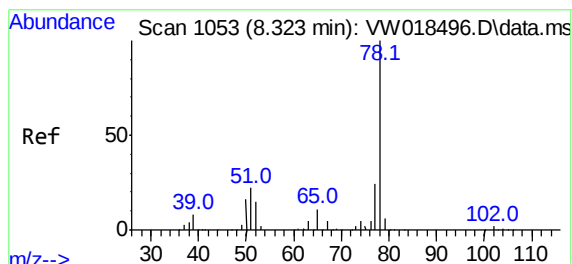
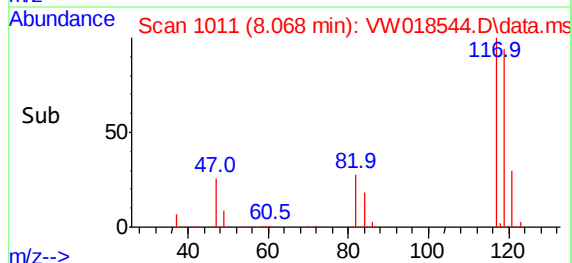
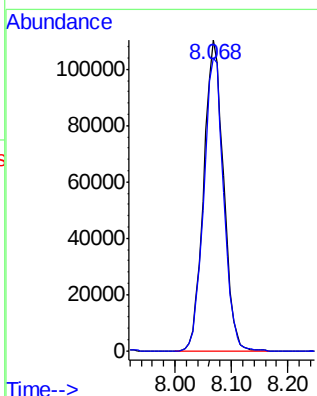
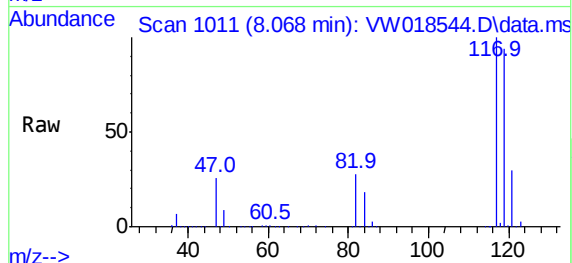




#32
Carbon tetrachloride
Concen: 27.16 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

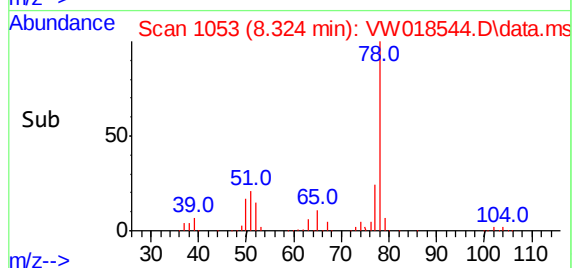
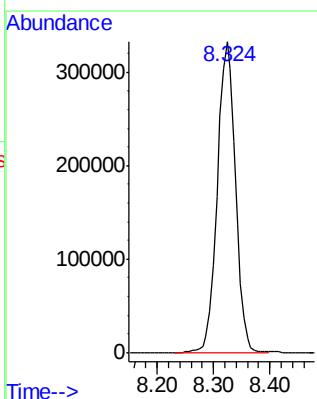
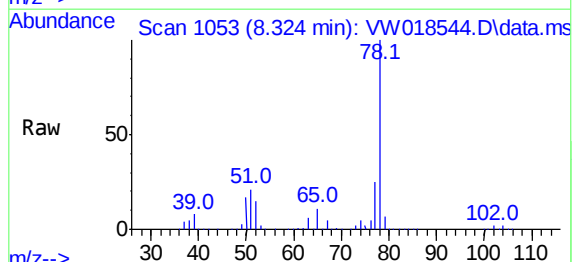
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

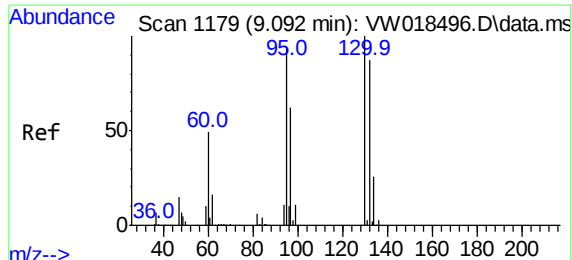
Tgt Ion:117 Resp: 265174
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1



#34
Benzene
Concen: 27.37 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 78 Resp: 742950



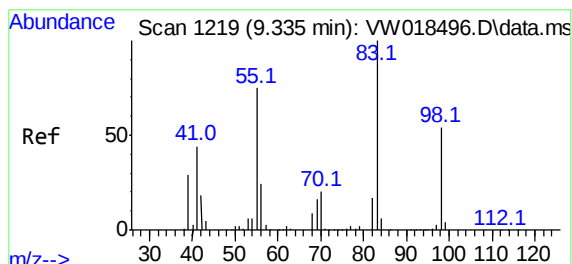
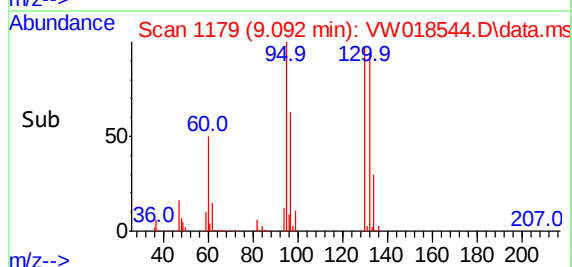
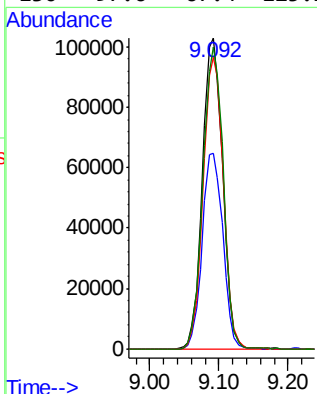
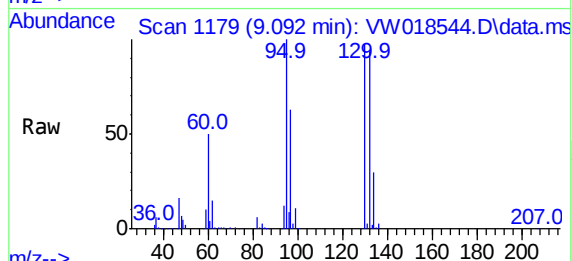


#35
Trichloroethene
Concen: 27.51 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 95 Resp: 206324

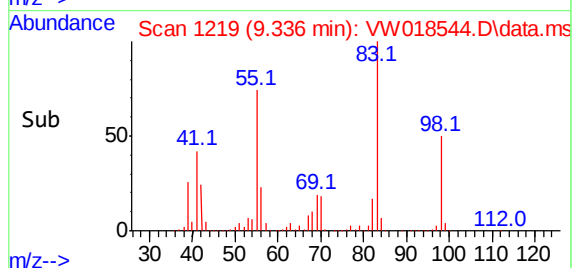
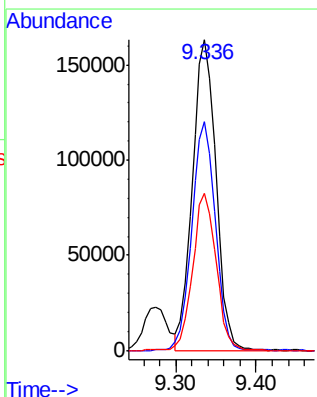
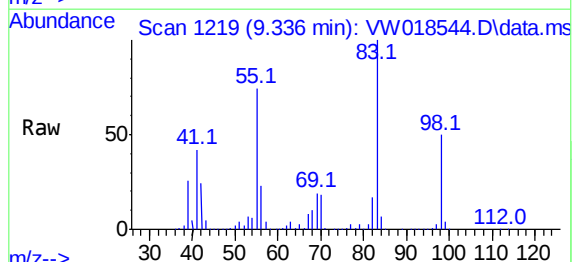
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	94.0	65.9	122.5
130	97.6	67.4	125.2

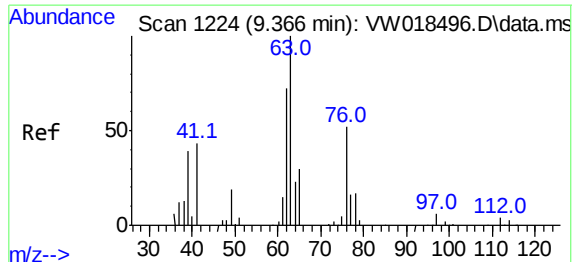


#36
Methylcyclohexane
Concen: 25.42 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 83 Resp: 333762

Ion	Ratio	Lower	Upper
83	100		
55	73.4	56.8	85.2
98	50.2	40.6	61.0

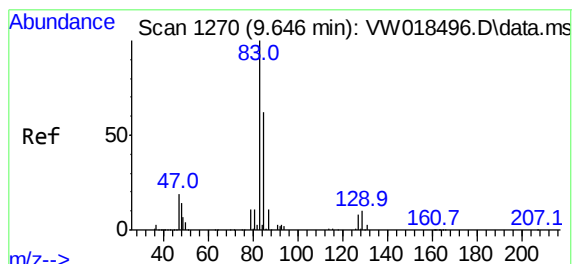
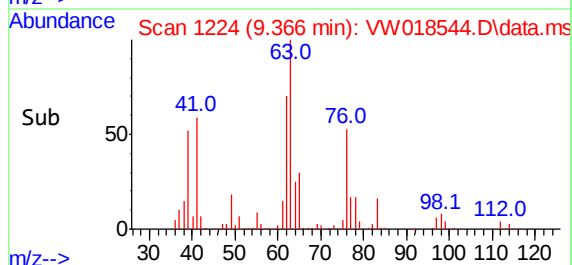
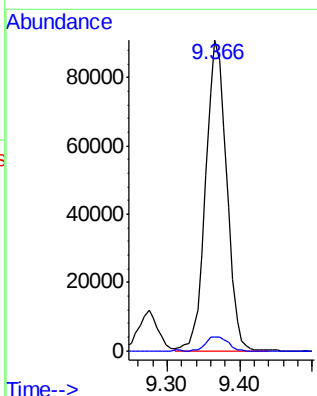
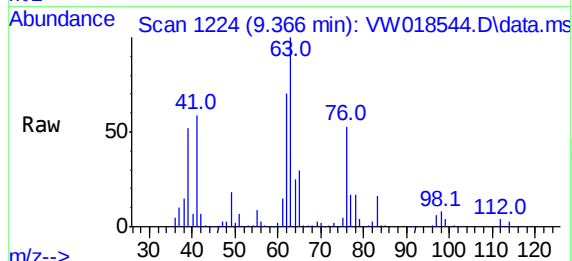




#40
1,2-Dichloropropane
Concen: 27.36 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

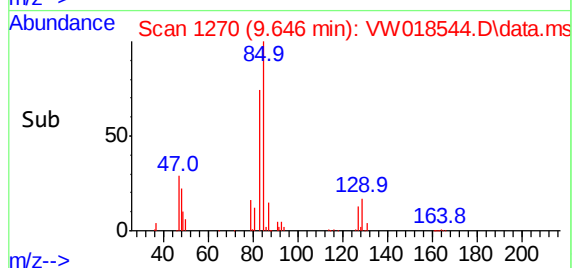
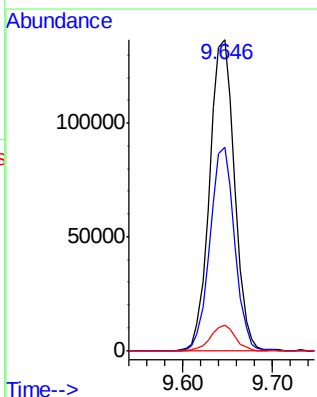
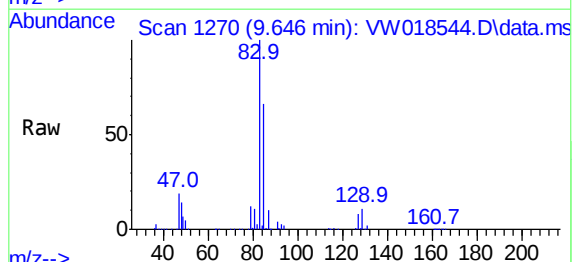
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

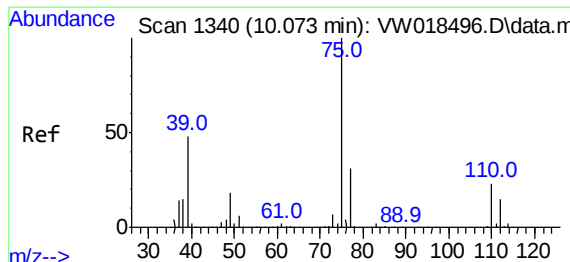
Tgt Ion: 63 Resp: 181655
Ion Ratio Lower Upper
63 100
112 4.7 4.2 6.4



#41
Bromodichloromethane
Concen: 28.14 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 83 Resp: 264087
Ion Ratio Lower Upper
83 100
85 65.6 43.8 81.4
127 8.3 6.9 10.3

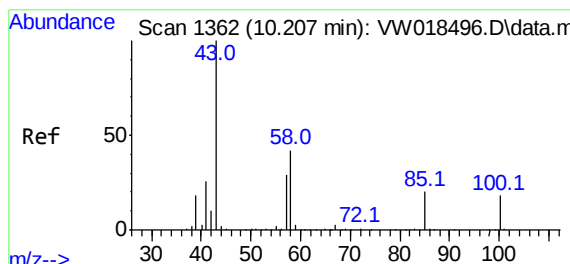
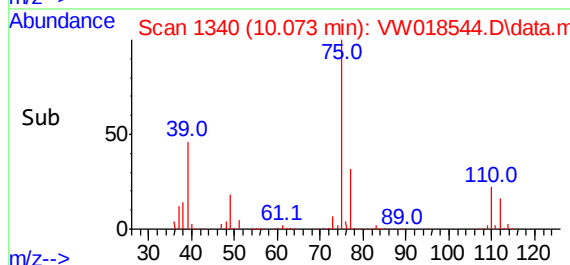
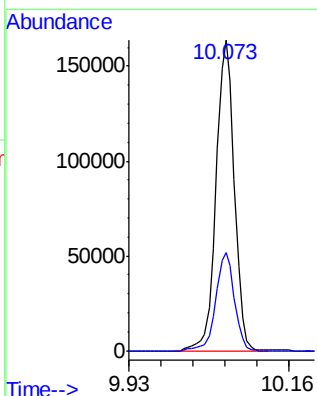
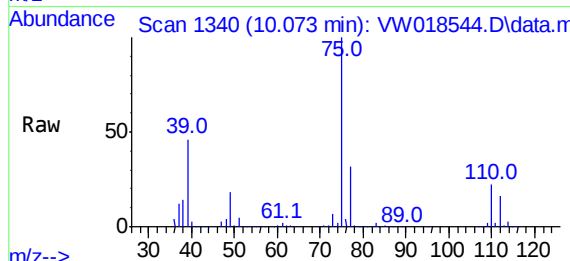




#42
cis-1,3-Dichloropropene
Concen: 26.78 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

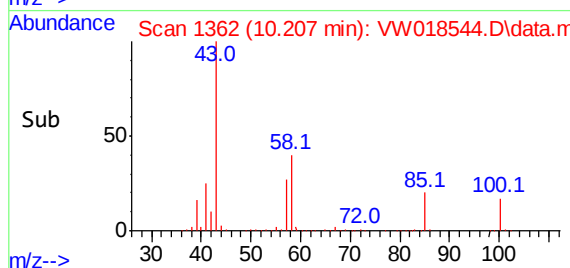
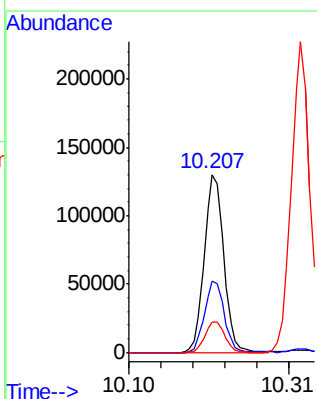
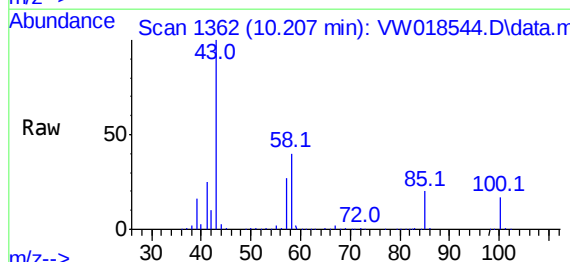
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

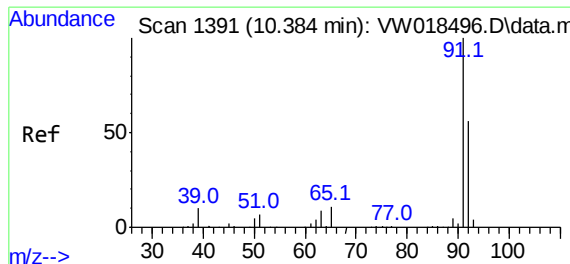
Tgt Ion: 75 Resp: 300679
Ion Ratio Lower Upper
75 100
77 31.6 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 57.41 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 43 Resp: 229229
Ion Ratio Lower Upper
43 100
58 40.8 34.8 52.2
100 17.7 15.9 23.9

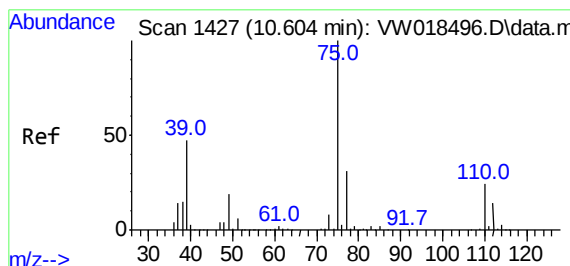
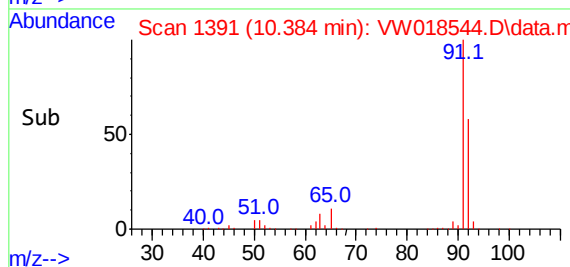
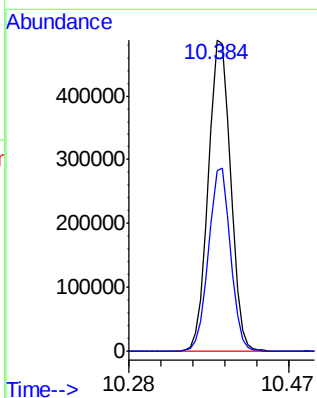
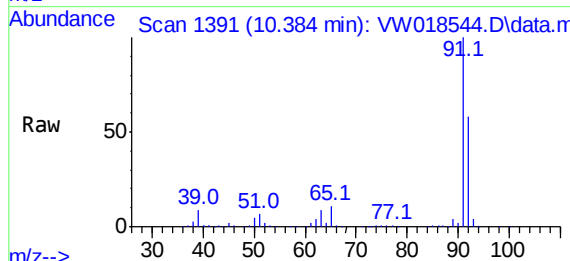




#44
Toluene
Concen: 27.95 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

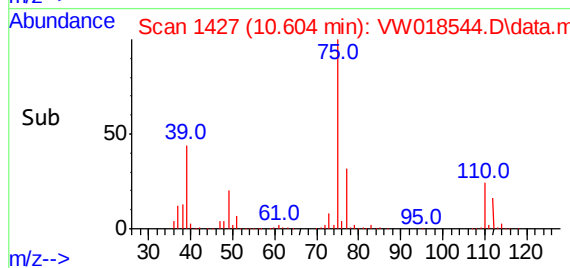
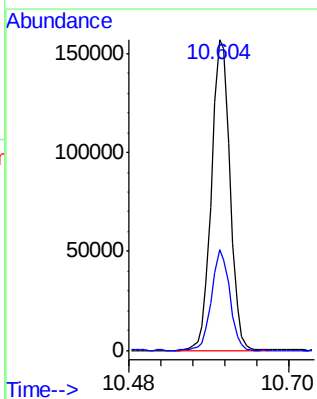
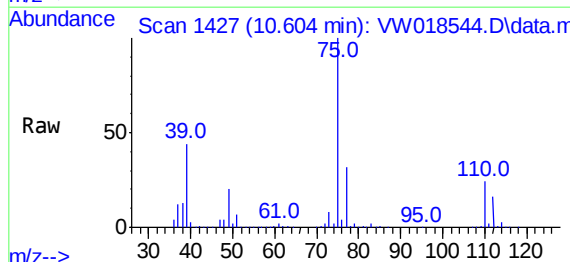
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

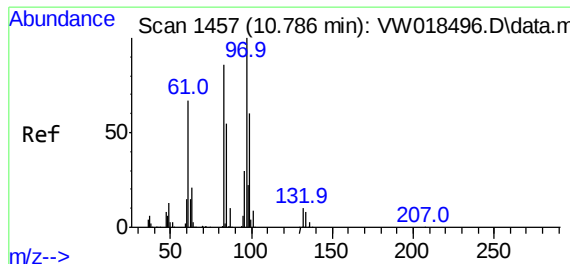
Tgt Ion: 91 Resp: 862560
Ion Ratio Lower Upper
91 100
92 57.8 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 27.31 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 75 Resp: 275387
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



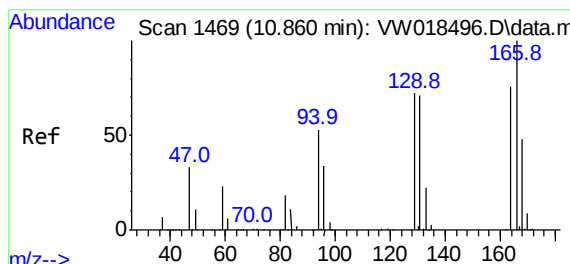
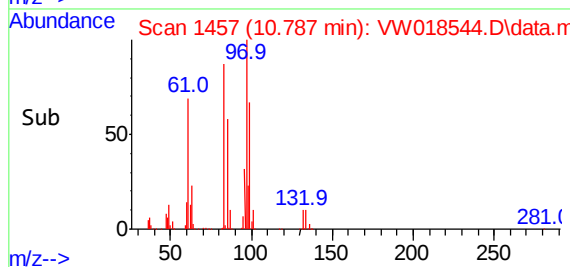
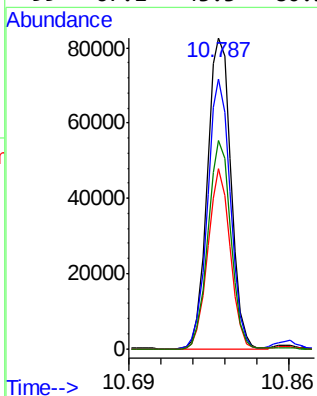
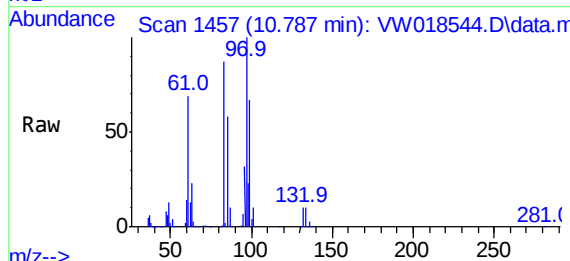


#46
1,1,2-Trichloroethane
Concen: 28.53 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 97 Resp: 151037

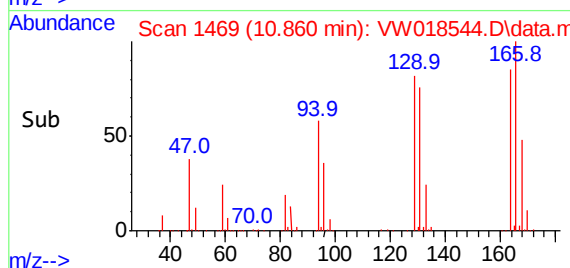
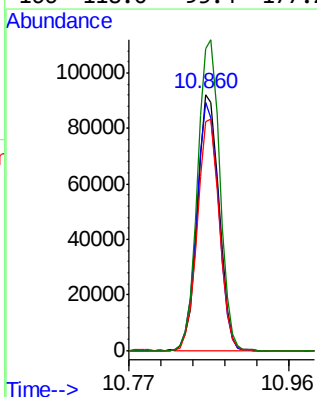
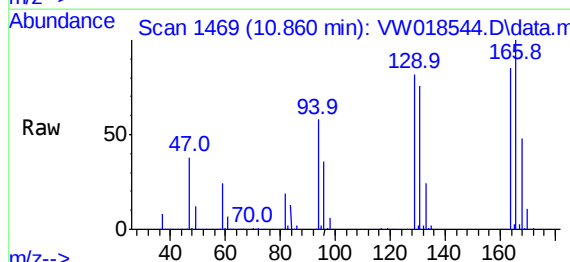
Ion	Ratio	Lower	Upper
97	100		
83	87.0	58.9	109.5
85	58.1	38.4	71.4
99	67.1	43.3	80.3

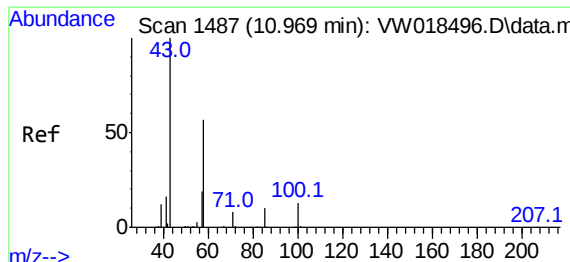


#47
Tetrachloroethene
Concen: 27.69 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 164 Resp: 157672

Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.8	127.8
131	89.6	68.3	126.8
166	118.0	95.4	177.2



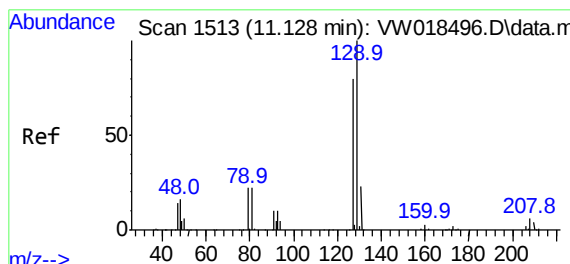
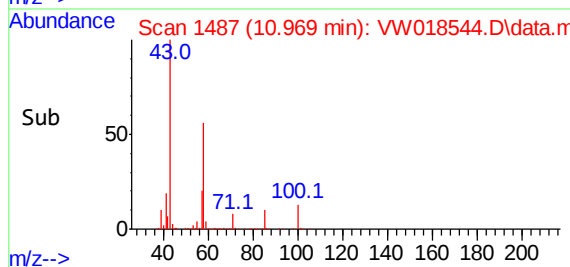
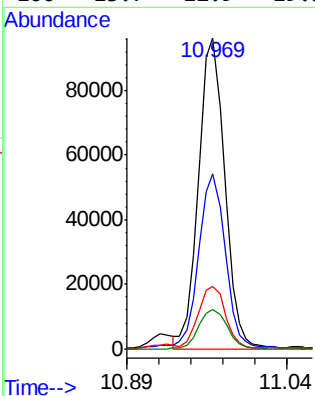
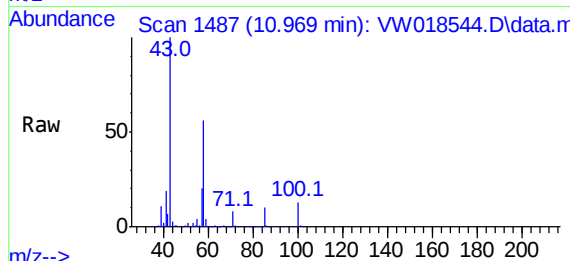


#49
2-Hexanone
Concen: 57.08 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 43 Resp: 161279

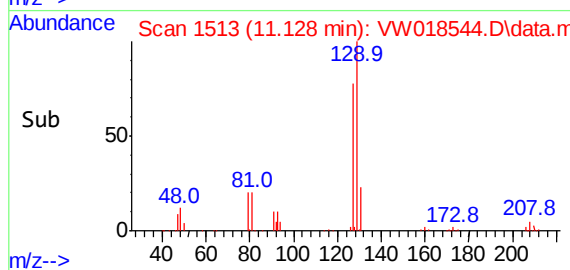
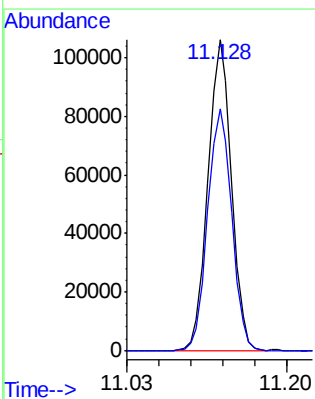
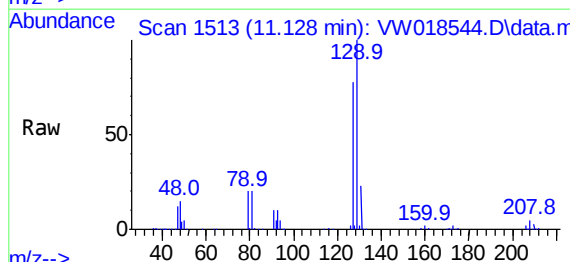
Ion	Ratio	Lower	Upper
43	100		
58	58.1	47.3	70.9
57	21.0	17.3	25.9
100	13.7	12.9	19.3

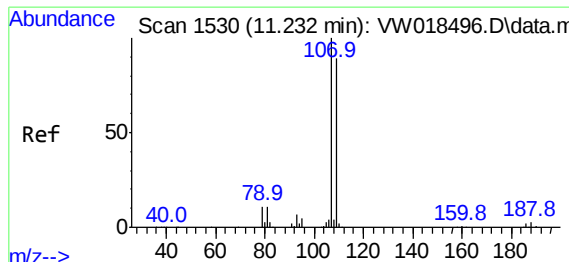


#50
Dibromochloromethane
Concen: 28.63 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 129 Resp: 178724

Ion	Ratio	Lower	Upper
129	100		
127	77.9	58.0	107.6

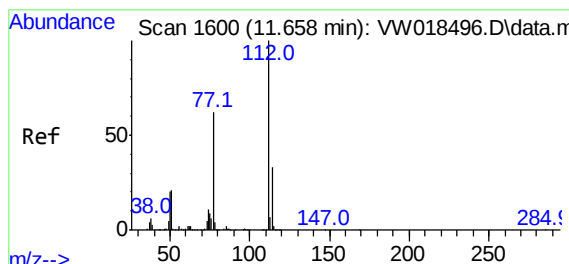
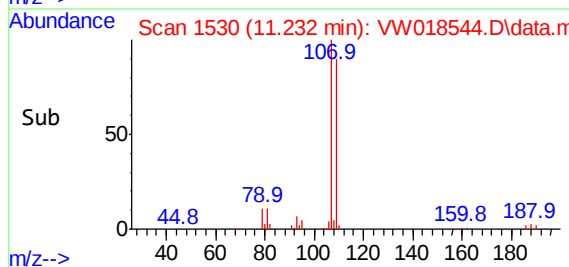
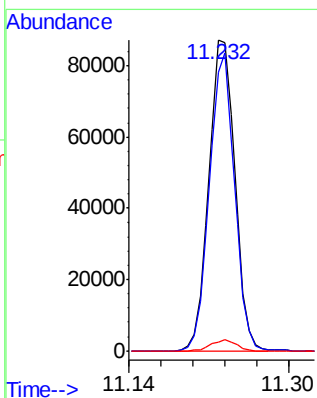
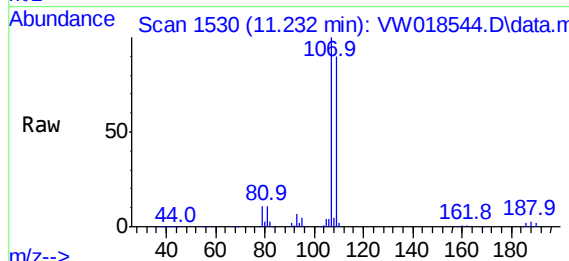




#51
1,2-Dibromoethane
Concen: 29.35 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

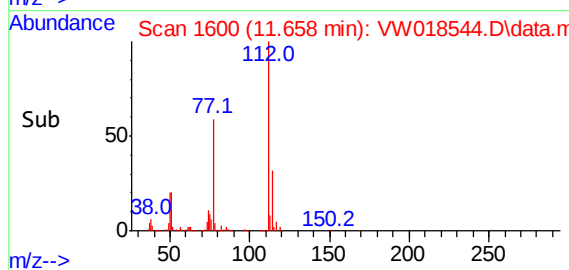
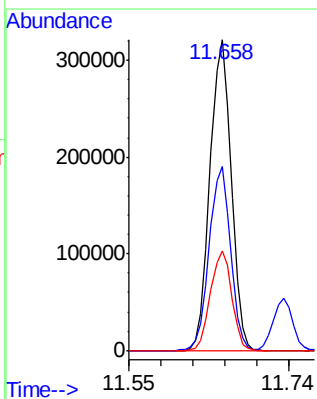
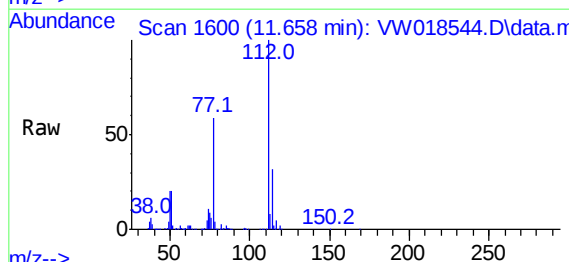
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

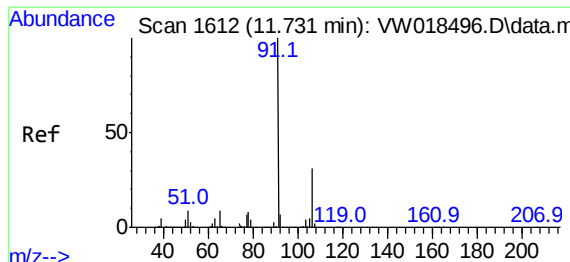
Tgt Ion:107 Resp: 153883
Ion Ratio Lower Upper
107 100
109 89.5 65.9 122.5
188 3.1 3.0 4.4



#52
Chlorobenzene
Concen: 27.78 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion:112 Resp: 543643
Ion Ratio Lower Upper
112 100
77 59.1 45.4 68.2
114 31.9 22.5 41.9

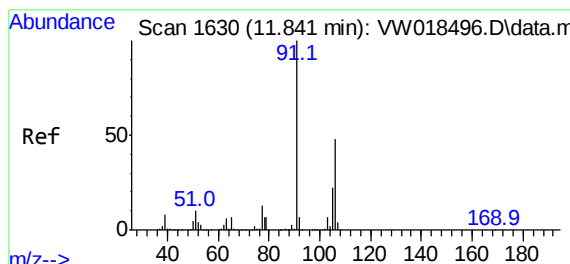
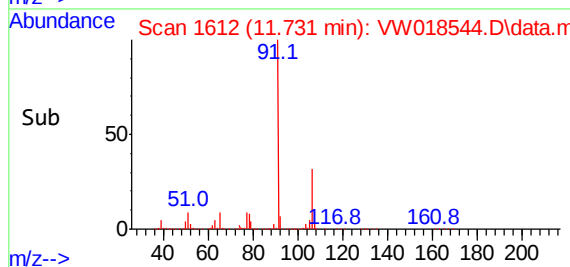
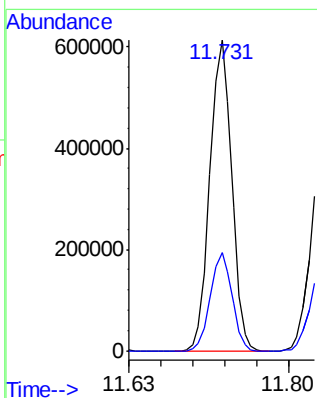
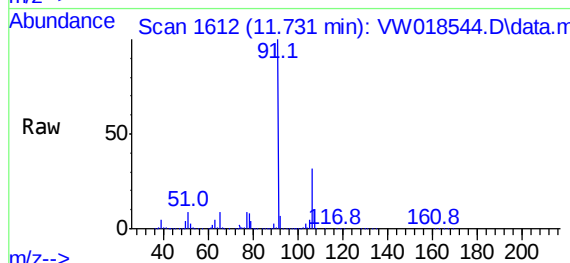




#53
Ethylbenzene
Concen: 27.73 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

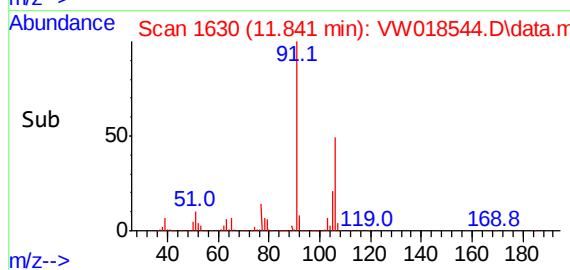
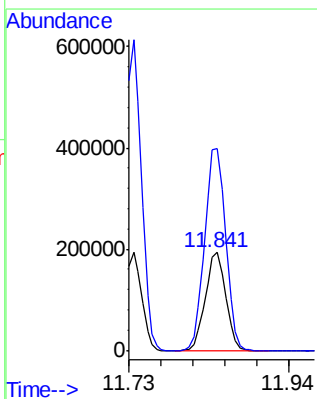
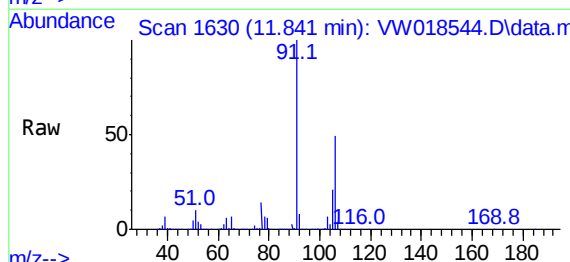
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

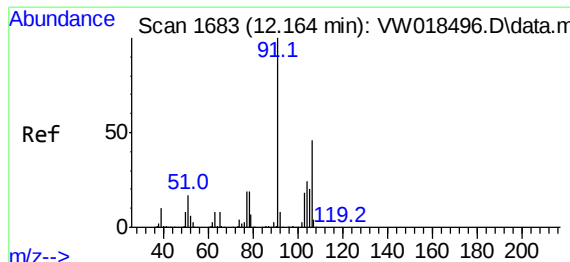
Tgt Ion: 91 Resp: 964877
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#54
m,p-Xylene
Concen: 26.99 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 106 Resp: 358865
Ion Ratio Lower Upper
106 100
91 205.4 145.3 269.8

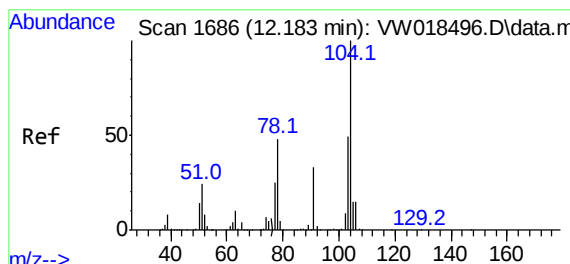
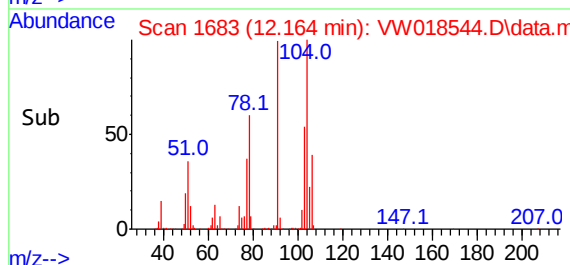
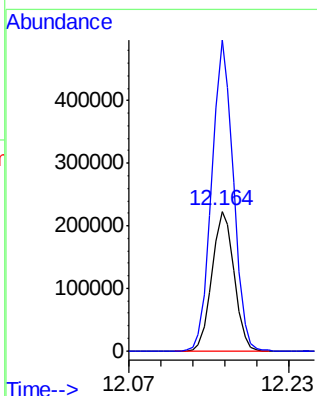
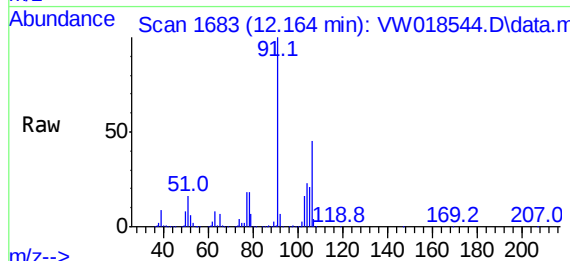




#55
o-xylene
Concen: 27.93 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

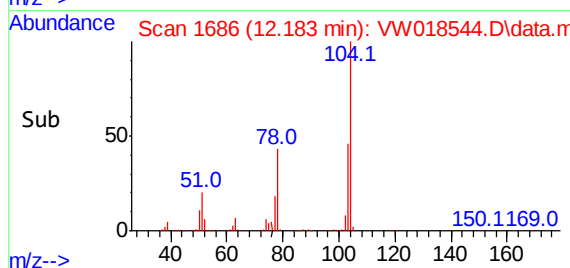
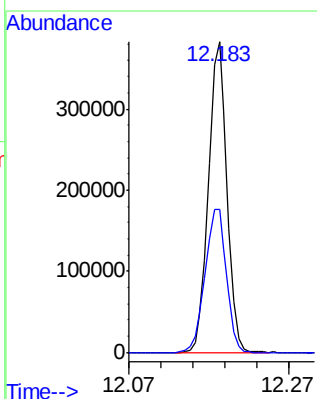
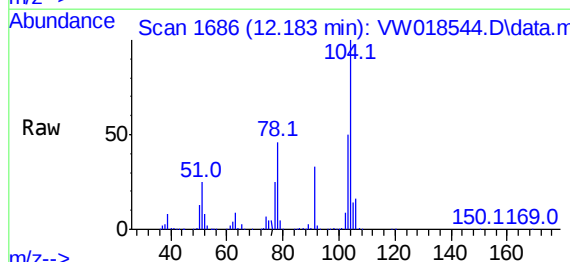
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

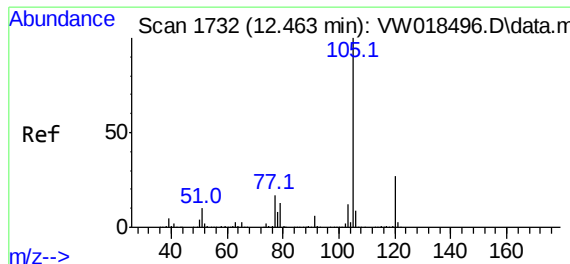
Tgt Ion:106 Resp: 354004
Ion Ratio Lower Upper
106 100
91 222.2 154.3 286.5



#56
Styrene
Concen: 28.52 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion:104 Resp: 616392
Ion Ratio Lower Upper
104 100
78 46.0 34.7 64.5

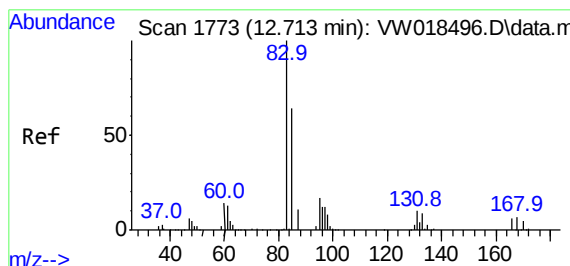
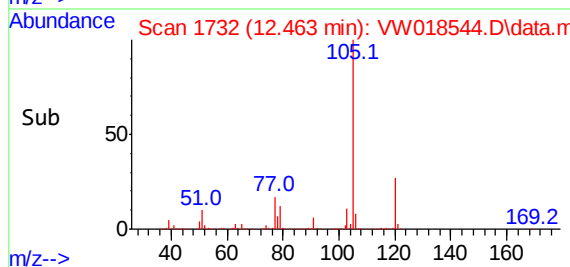
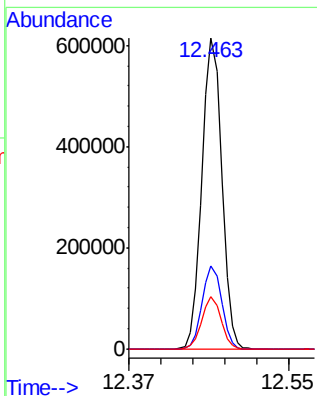
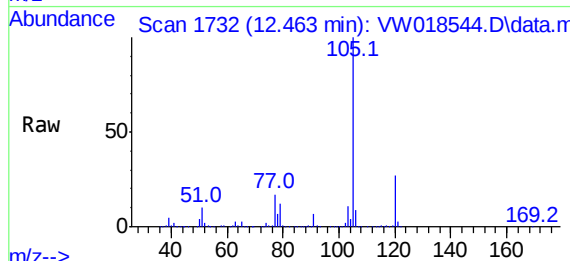




#57
Isopropylbenzene
Concen: 27.93 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

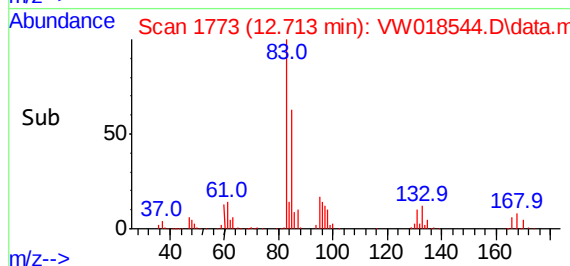
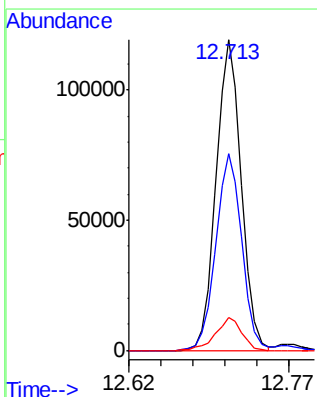
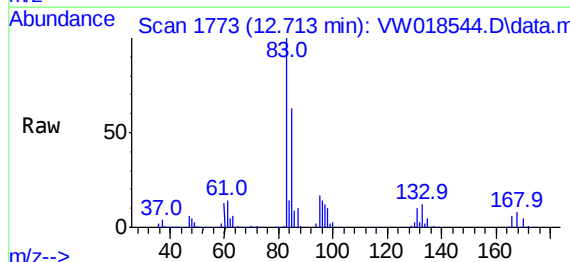
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

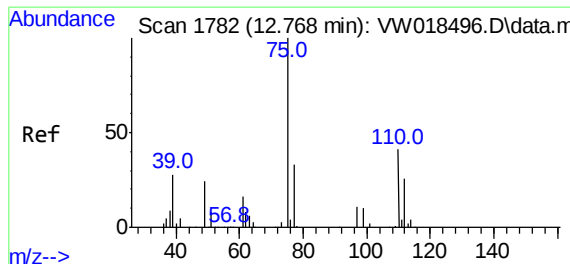
Tgt Ion:105 Resp: 962899
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 29.77 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 83 Resp: 190767
Ion Ratio Lower Upper
83 100
85 63.2 49.0 91.0
131 10.4 8.7 13.1

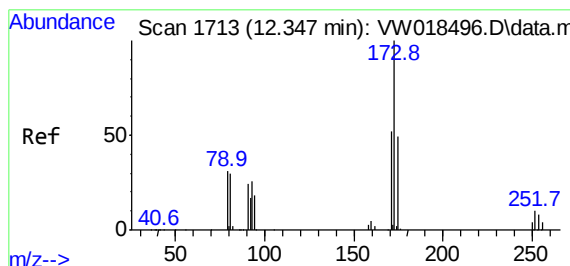
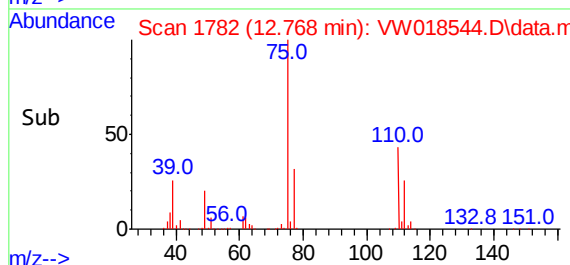
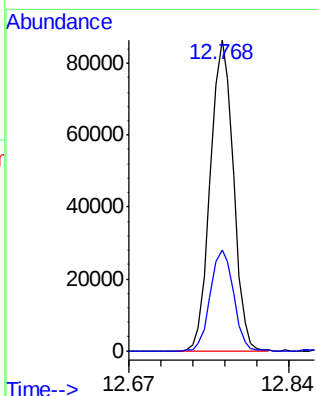
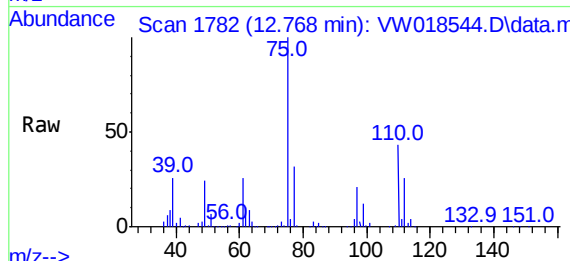




#59
1,2,3-Trichloropropane
Concen: 29.54 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

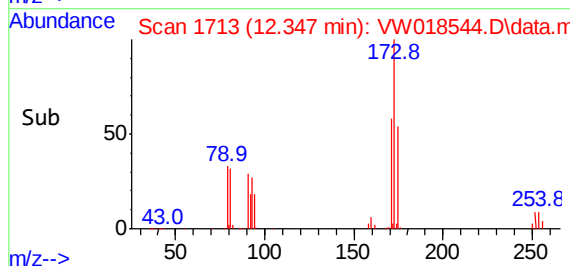
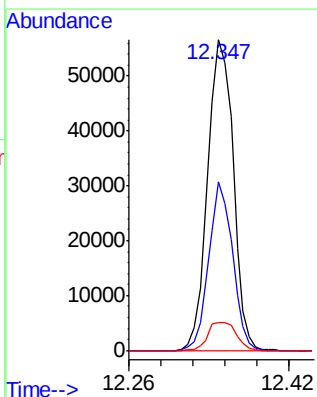
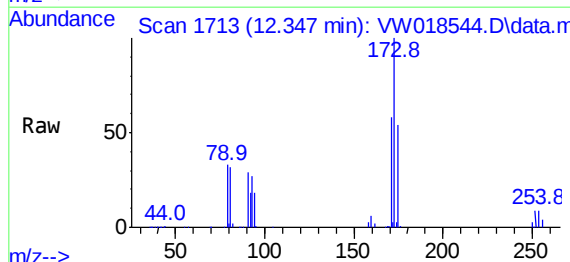
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

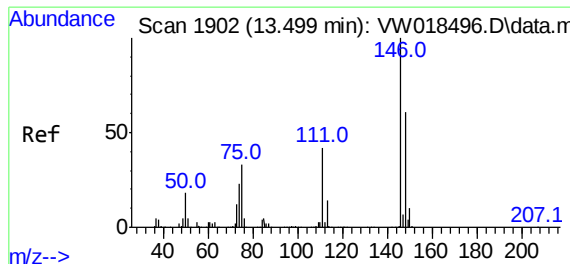
Tgt Ion: 75 Resp: 142885
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4



#62
Bromoform
Concen: 25.67 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 173 Resp: 98421
Ion Ratio Lower Upper
173 100
175 50.4 38.2 57.2
254 10.0 6.0 9.0

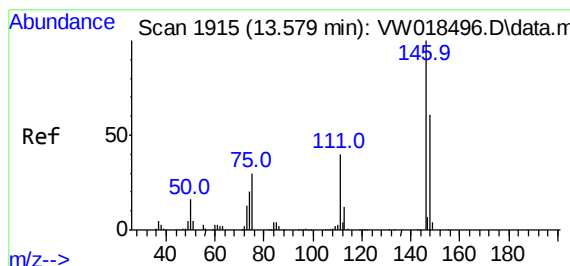
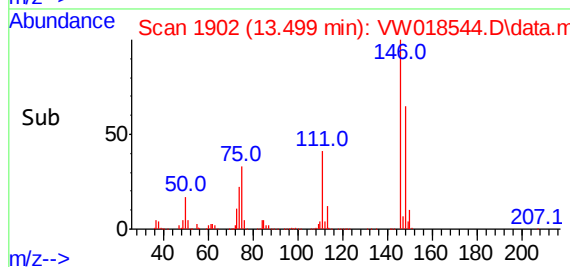
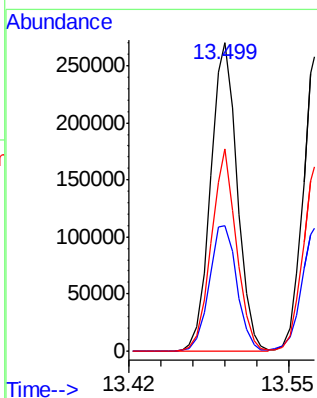
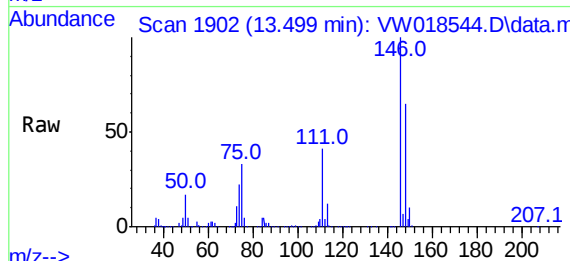




#63
1,3-Dichlorobenzene
Concen: 26.66 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

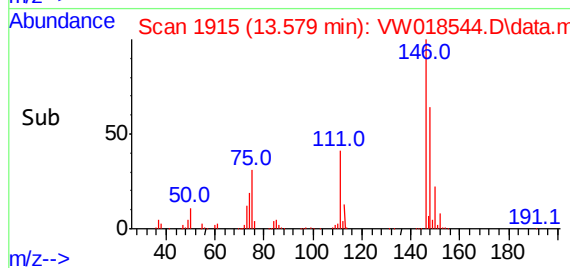
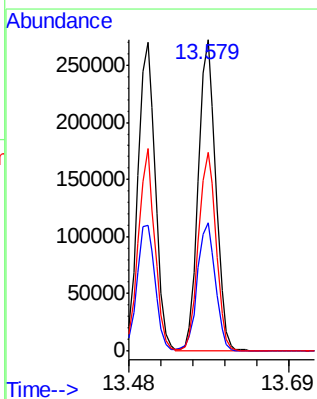
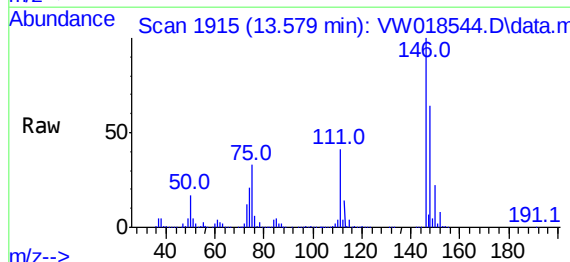
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

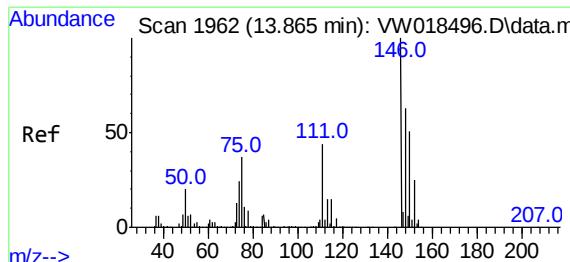
Tgt Ion:146 Resp: 426578
Ion Ratio Lower Upper
146 100
111 40.7 27.5 51.1
148 65.2 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.52 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion:146 Resp: 428216
Ion Ratio Lower Upper
146 100
111 41.2 28.3 52.5
148 63.6 47.3 87.9

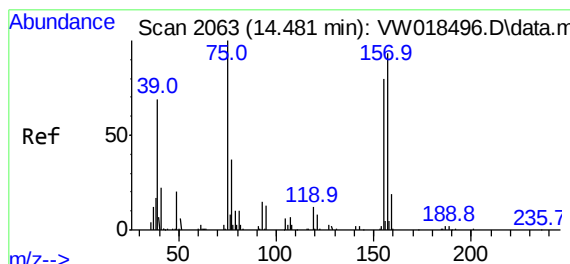
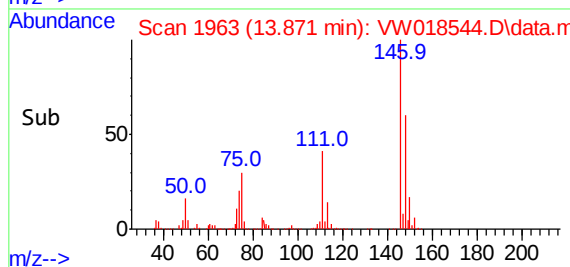
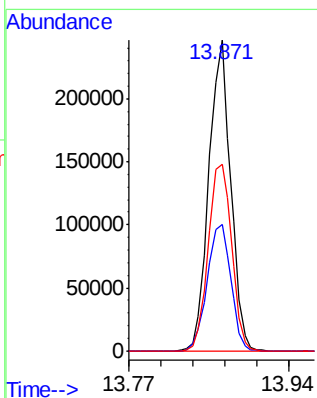
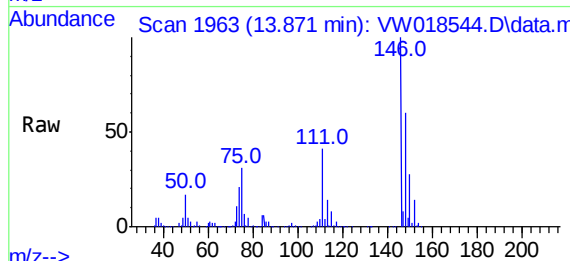




#65
1,2-Dichlorobenzene
Concen: 26.97 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

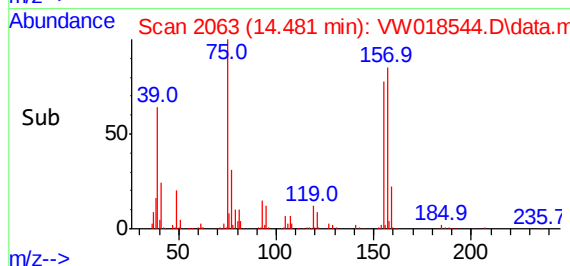
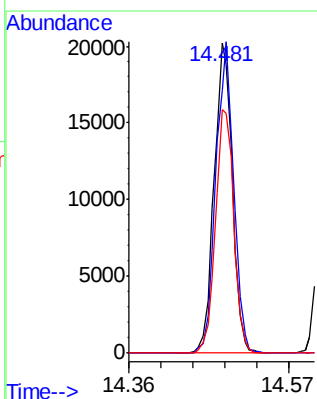
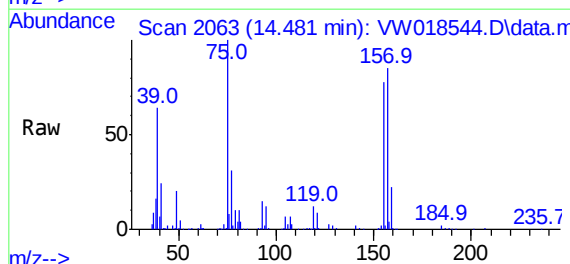
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

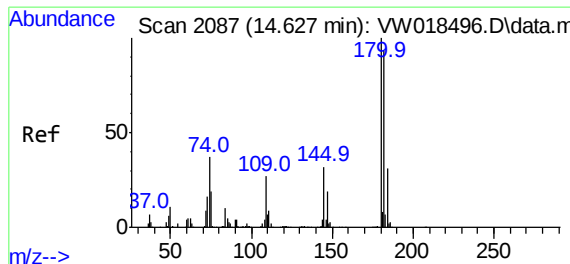
Tgt Ion:146 Resp: 385678
Ion Ratio Lower Upper
146 100
111 40.7 36.0 54.0
148 60.2 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 25.80 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion: 75 Resp: 33350
Ion Ratio Lower Upper
75 100
157 85.0 65.2 97.8
155 78.4 60.1 90.1

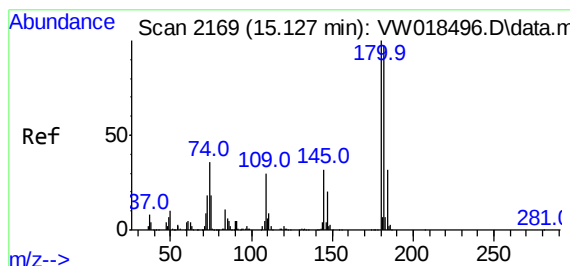
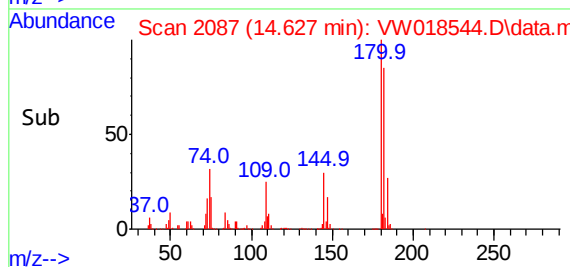
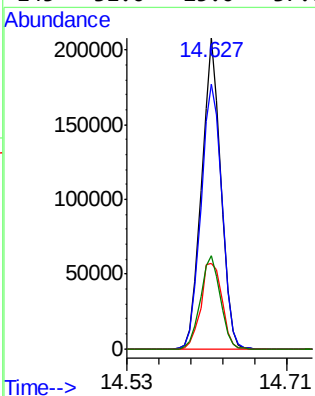
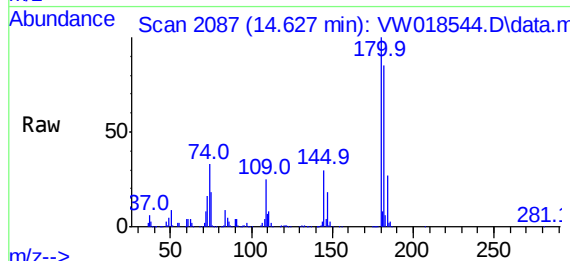




#67
1,3,5-Trichlorobenzene
Concen: 26.80 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

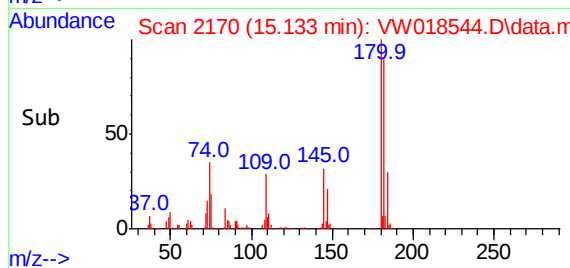
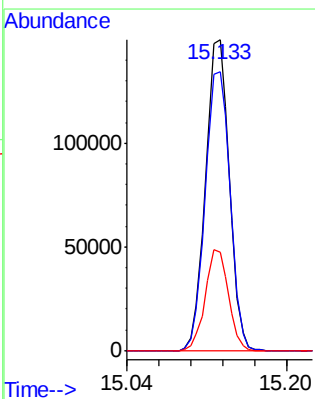
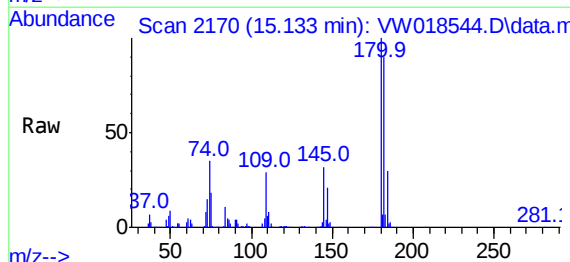
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

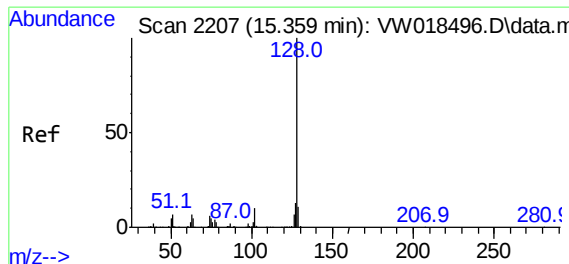
Tgt Ion:	180	Resp:	309260
Ion	Ratio	Lower	Upper
180	100		
182	92.5	71.8	107.8
184	30.3	23.5	35.3
145	31.0	25.0	37.6



#68
1,2,4-trichlorobenzene
Concen: 26.02 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion:	180	Resp:	255492
Ion	Ratio	Lower	Upper
180	100		
182	94.0	70.2	105.4
145	31.6	24.9	37.3

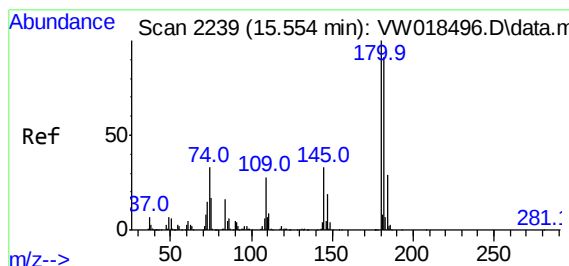
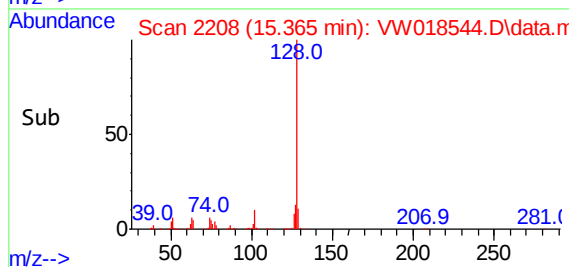
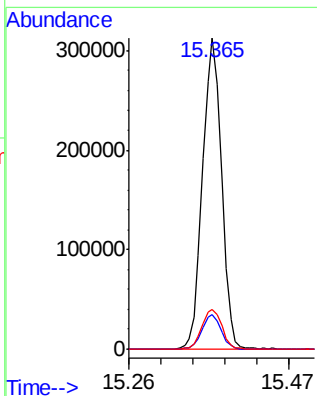
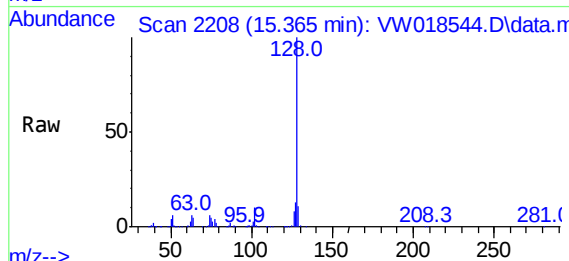




#69
Naphthalene
Concen: 26.27 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion:128 Resp: 537141
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.00 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018544.D
Acq: 02 Apr 2021 10:52

Tgt Ion:180 Resp: 222786
Ion Ratio Lower Upper
180 100
182 96.0 76.5 114.7
145 33.8 27.7 41.5

