

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018121.D
 Acq On : 12 Feb 2021 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Feb 12 22:49:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	411104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	379137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	200600	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	91964	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
7) Chloroethane-d5	2.891	69	80300	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.025	63	210487	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.44%
20) 2-Butanone-d5	7.074	46	65128	47.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.54%
24) Chloroform-d	7.647	84	250331	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.305	65	129413	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.08%
29) Benzene-d6	8.275	84	470621	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.274	67	137979	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.323	98	445273	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloroprop...	10.579	79	63615	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	10.920	63	58023	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	127741	24.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	182965	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.013	85	109535	19.69	ug/L 100
3) Chloromethane	2.215	50	84506	20.63	ug/L 99
5) Vinyl chloride	2.367	62	130866	23.16	ug/L 98
6) Bromomethane	2.782	94	92160	22.93	ug/L 100
8) Chloroethane	2.928	64	76679	22.71	ug/L 97
9) Trichlorofluoromethane	3.263	101	89732	21.96	ug/L 99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	139963	23.97	ug/L # 65
12) 1,1-Dichloroethene	4.044	96	132038	24.04	ug/L 96
13) Acetone	4.117	43	44960	44.57	ug/L 97
14) Carbon disulfide	4.391	76	364149	22.76	ug/L 99
15) Methyl Acetate	4.665	43	51765	23.13	ug/L 98
16) Methylene chloride	4.921	84	143021	21.71	ug/L 91
17) Methyl tert-butyl Ether	5.421	73	157602	25.56	ug/L 96
18) trans-1,2-Dichloroethene	5.421	96	140910	24.00	ug/L 96
19) 1,1-Dichloroethane	6.214	63	227208	23.98	ug/L 98
21) 2-Butanone	7.165	43	66689	43.43	ug/L 91
22) cis-1,2-Dichloroethene	7.171	96	153208	25.16	ug/L 96
23) Bromochloromethane	7.512	128	72669	24.83	ug/L 96
25) Chloroform	7.677	83	251674	24.34	ug/L 99
27) 1,2-Dichloroethane	8.396	62	155938	23.24	ug/L 100

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

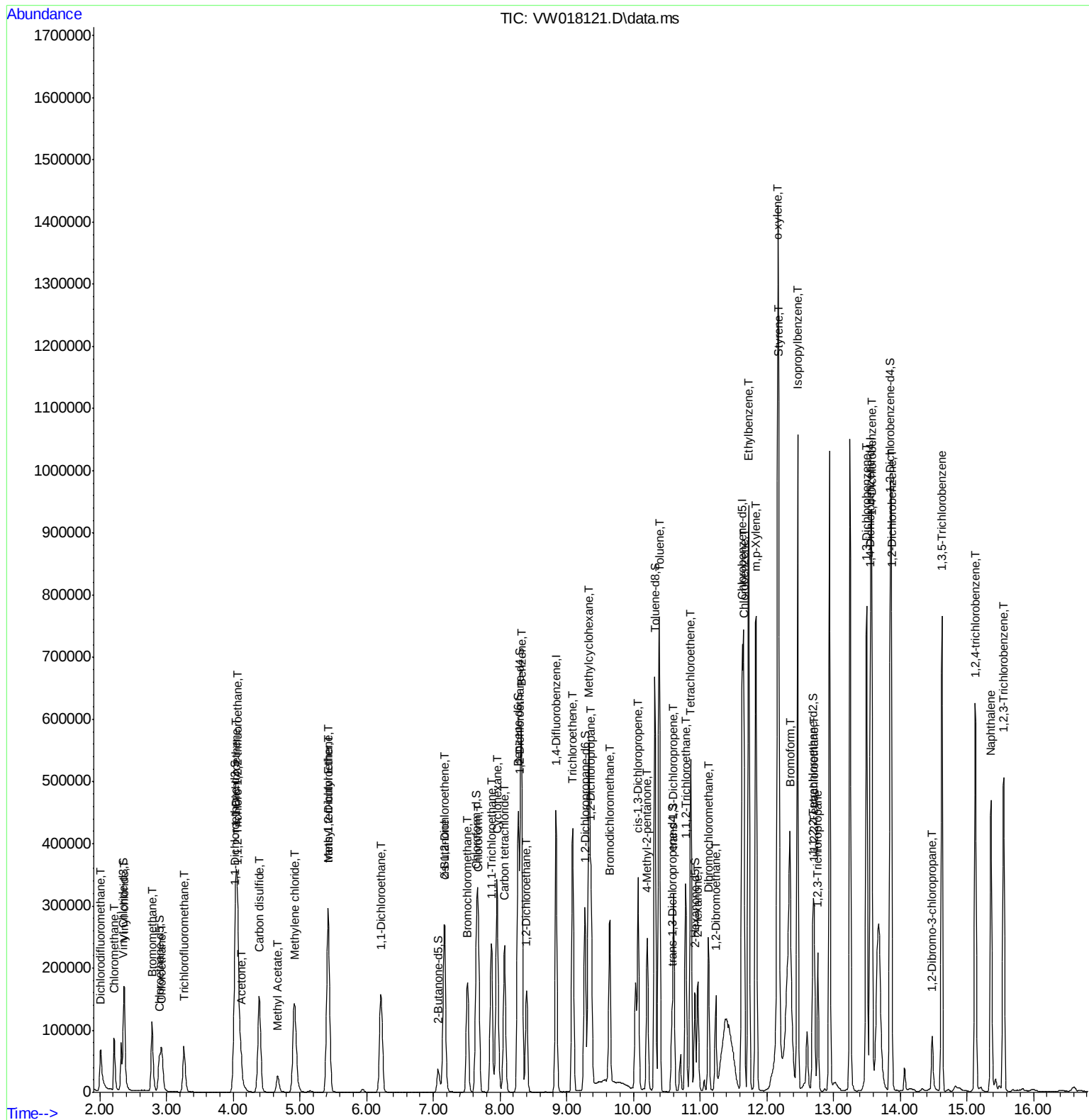
30) Cyclohexane	7.958	56	200414	23.11	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	204121	24.28	ug/L	98
32) Carbon tetrachloride	8.067	117	193256	23.74	ug/L	98
34) Benzene	8.323	78	535665	24.17	ug/L	100
35) Trichloroethene	9.091	95	150699	24.13	ug/L	98
36) Methylcyclohexane	9.335	83	243374	23.18	ug/L	96
40) 1,2-Dichloropropane	9.366	63	126389	24.86	ug/L	100
41) Bromodichloromethane	9.646	83	180011	24.72	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	206508	25.20	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	150880	47.72	ug/L #	91
44) Toluene	10.390	91	599921	24.60	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	177882	24.94	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	106679	24.58	ug/L	99
47) Tetrachloroethene	10.859	164	132338	24.89	ug/L	90
49) 2-Hexanone	10.969	43	105961	48.23	ug/L	95
50) Dibromochloromethane	11.128	129	132861	25.55	ug/L	98
51) 1,2-Dibromoethane	11.237	107	104919	24.23	ug/L	98
52) Chlorobenzene	11.658	112	393712	24.51	ug/L	99
53) Ethylbenzene	11.731	91	670894	24.21	ug/L	95
54) m,p-Xylene	11.841	106	262414	24.83	ug/L	96
55) o-xylene	12.164	106	254926	25.43	ug/L	93
56) Styrene	12.182	104	436699	25.61	ug/L	96
57) Isopropylbenzene	12.463	105	682839	24.46	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	124272	24.20	ug/L	100
59) 1,2,3-Trichloropropane	12.768	75	92227	23.71	ug/L	99
62) Bromoform	12.347	173	77943	25.21	ug/L	89
63) 1,3-Dichlorobenzene	13.499	146	330456	25.84	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	327183	25.44	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	294752	25.56	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	20691	23.69	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	253345	25.79	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	209670	25.60	ug/L	93
69) Naphthalene	15.365	128	424067	26.62	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	186611	25.56	ug/L	98

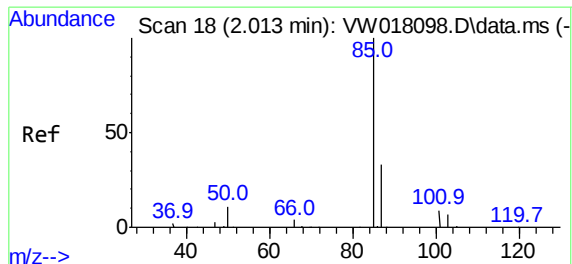
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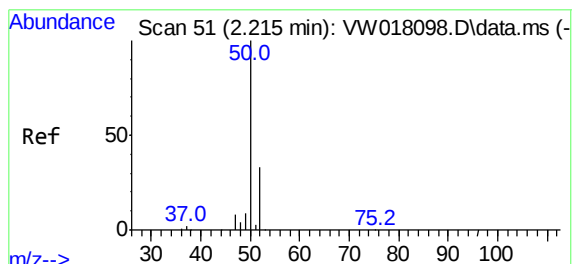
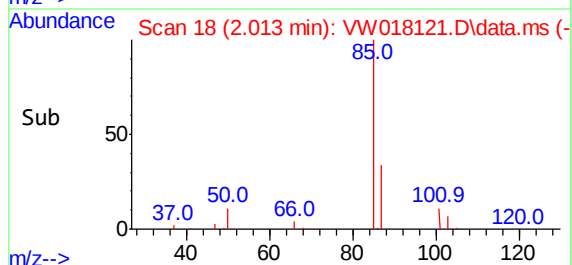
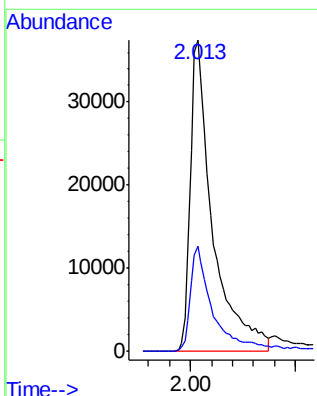
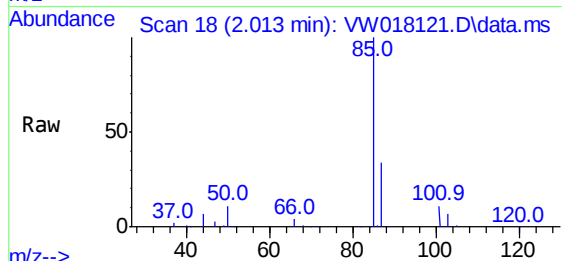




#2
Dichlorodifluoromethane
Concen: 19.69 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

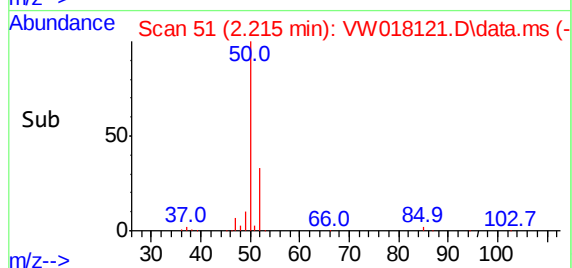
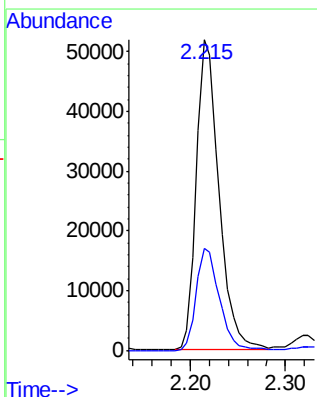
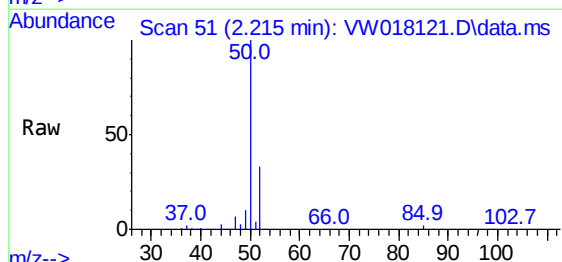
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MSVOA_W
ClientSampleId :
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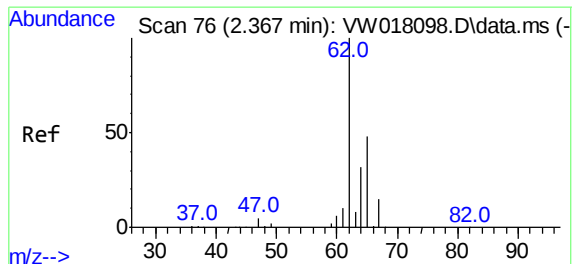
Tgt Ion: 85 Resp: 109535
Ion Ratio Lower Upper
85 100
87 33.3 23.2 43.0



#3
Chloromethane
Concen: 20.63 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 50 Resp: 84506
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

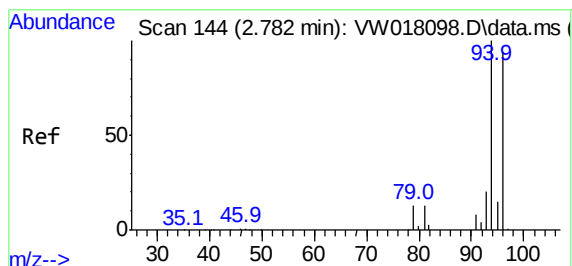
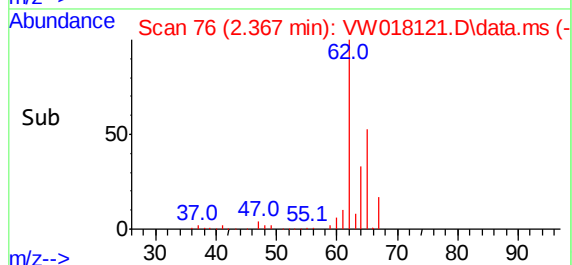
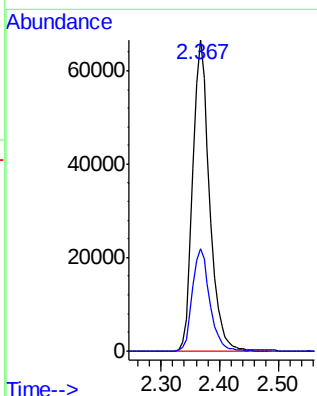
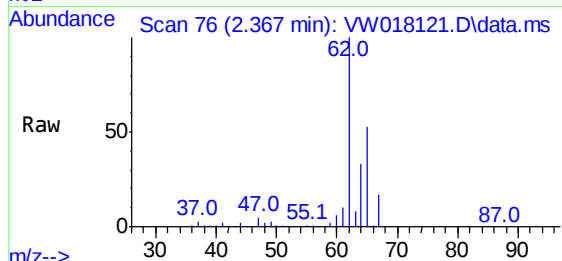




#5
 Vinyl chloride
 Concen: 23.16 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

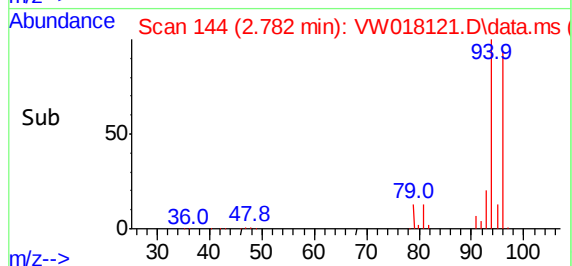
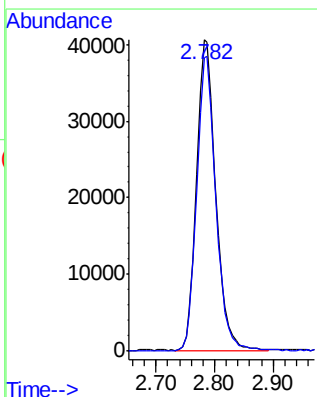
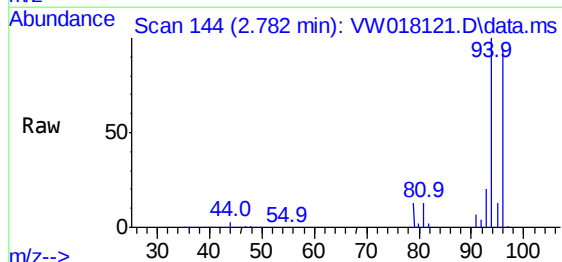
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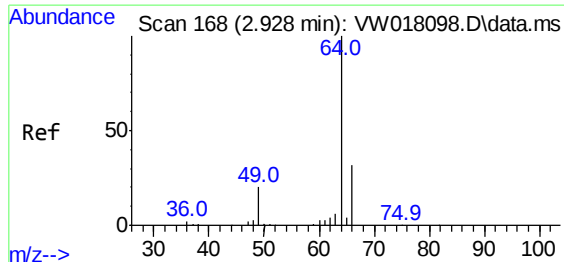
Tgt Ion: 62 Resp: 130866
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.9 44.5



#6
 Bromomethane
 Concen: 22.93 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

Tgt Ion: 94 Resp: 92160
 Ion Ratio Lower Upper
 94 100
 96 94.2 9.4 178.0

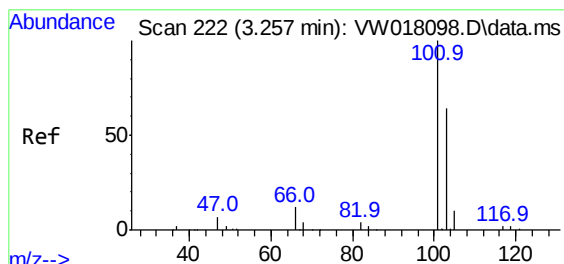
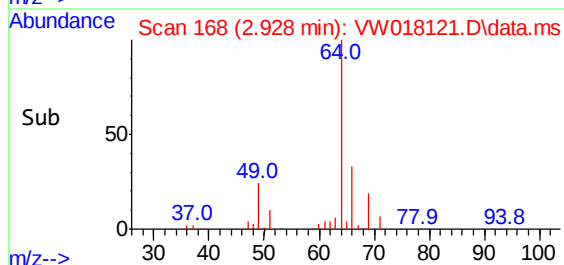
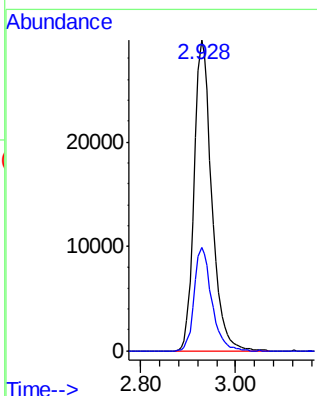
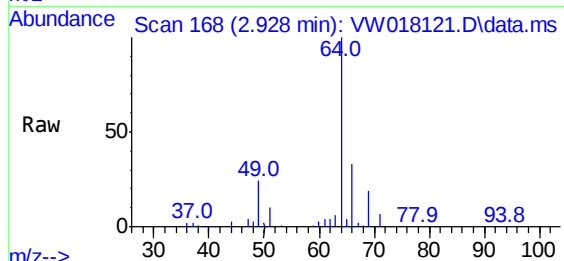




#8
Chloroethane
Concen: 22.71 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

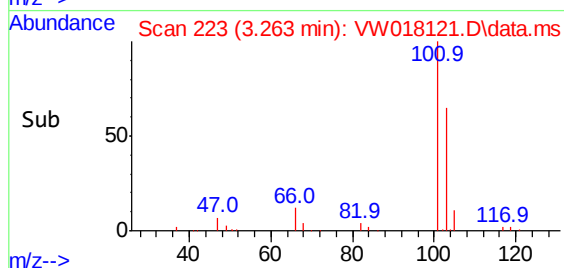
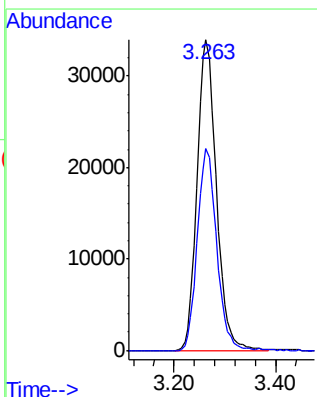
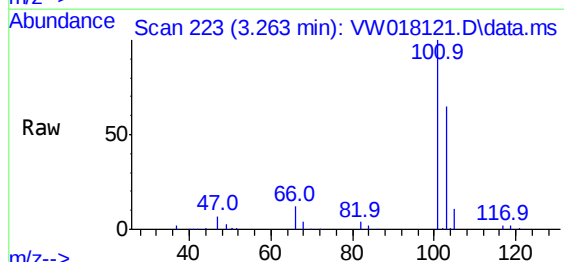
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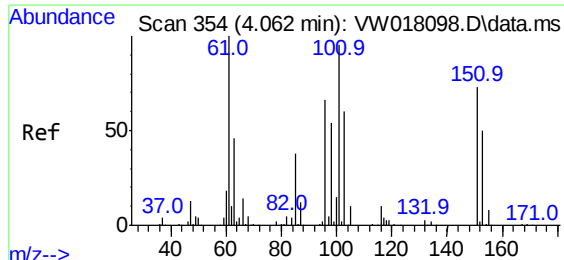
Tgt Ion: 64 Resp: 76679
Ion Ratio Lower Upper
64 100
66 33.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.96 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion:101 Resp: 89732
Ion Ratio Lower Upper
101 100
103 64.8 45.0 83.6

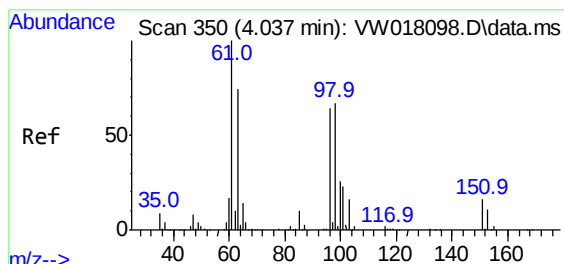
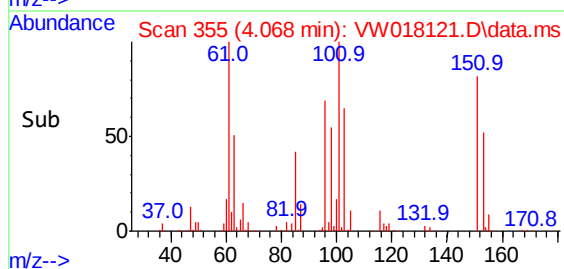
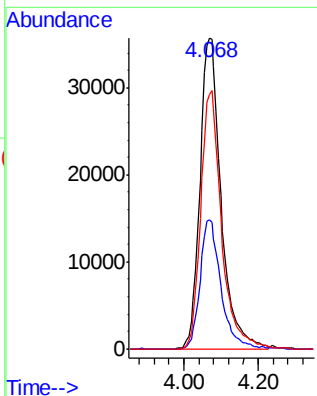
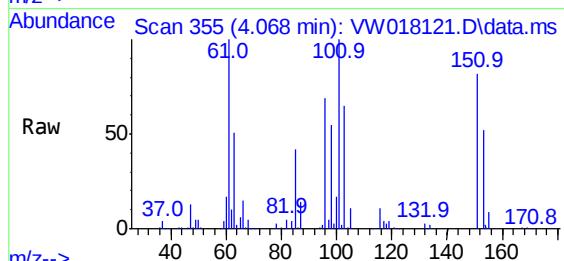




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.97 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

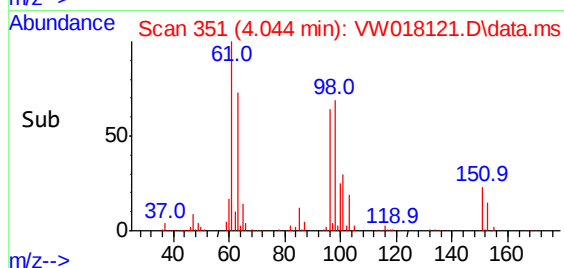
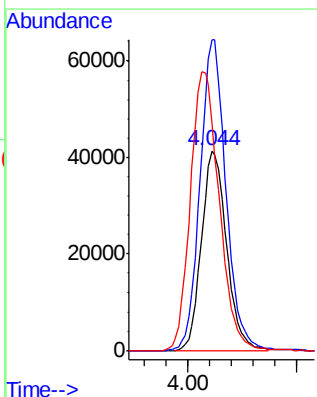
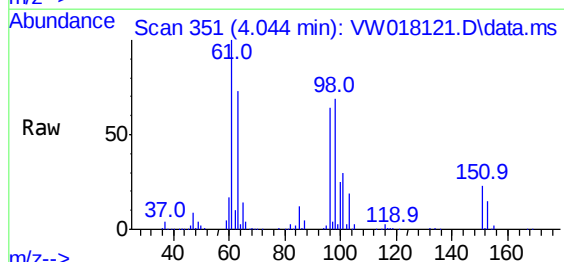
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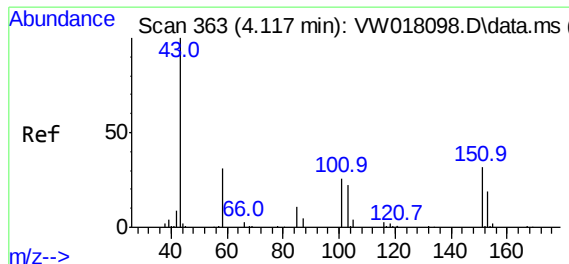
Tgt Ion:101 Resp: 139963
 Ion Ratio Lower Upper
 101 100
 85 40.4 34.2 51.4
 151 80.5 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 24.04 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

Tgt Ion: 96 Resp: 132038
 Ion Ratio Lower Upper
 96 100
 61 155.8 112.5 208.9
 63 113.3 83.1 154.3

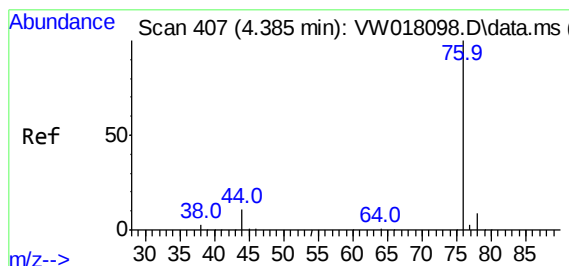
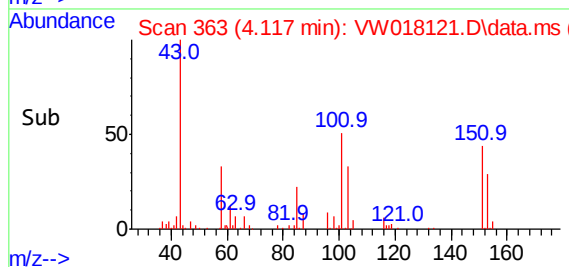
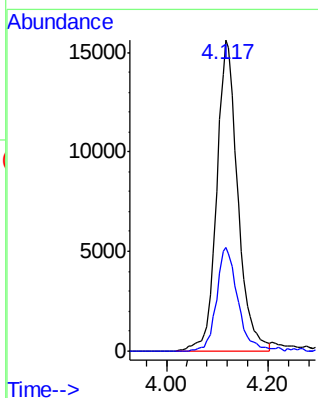
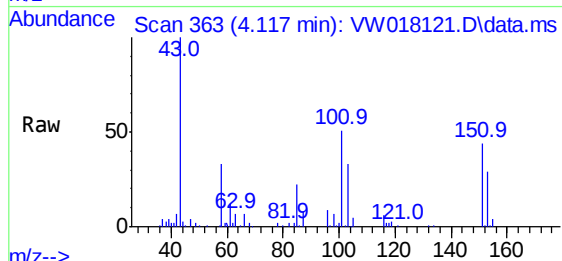




#13
Acetone
Concen: 44.57 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

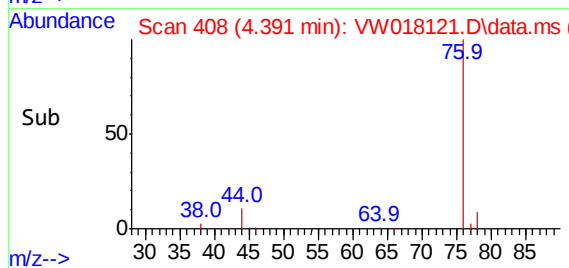
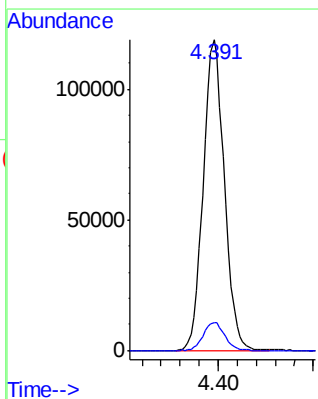
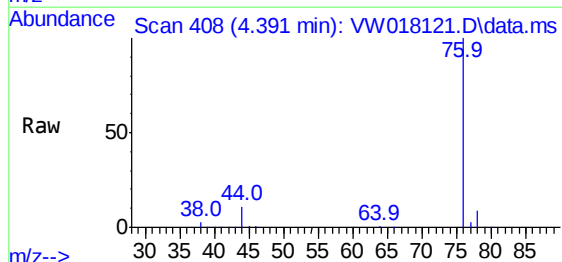
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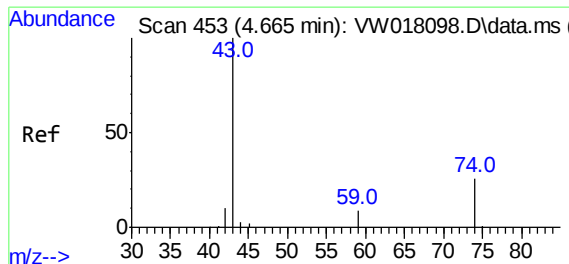
Tgt Ion: 43 Resp: 44960
Ion Ratio Lower Upper
43 100
58 32.6 0.0 68.4



#14
Carbon disulfide
Concen: 22.76 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 364149
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

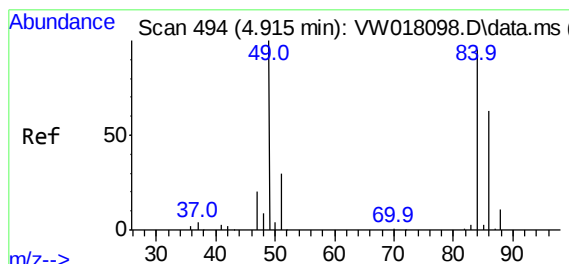
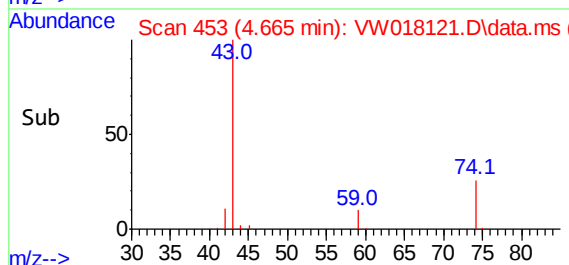
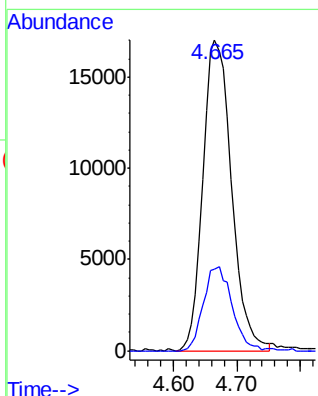
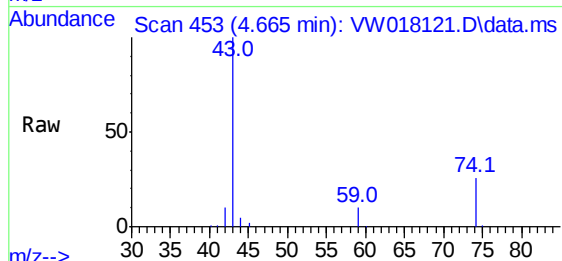




#15
Methyl Acetate
Concen: 23.13 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

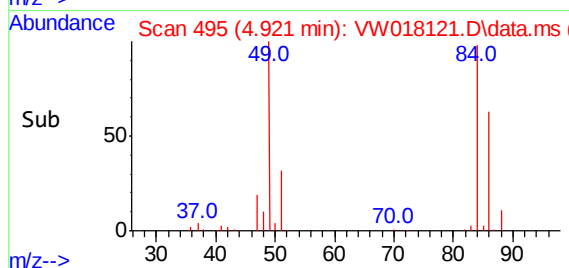
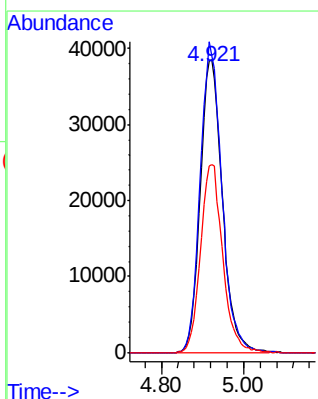
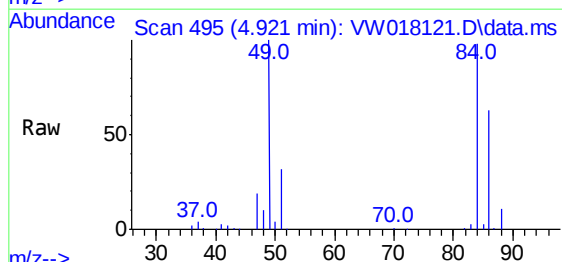
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

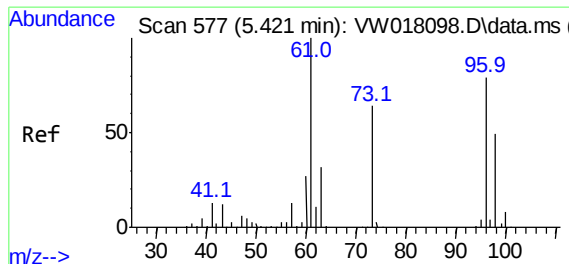
Tgt Ion: 43 Resp: 51765
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1



#16
Methylene chloride
Concen: 21.71 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 84 Resp: 143021
Ion Ratio Lower Upper
84 100
49 101.6 81.2 150.8
86 64.2 44.5 82.7



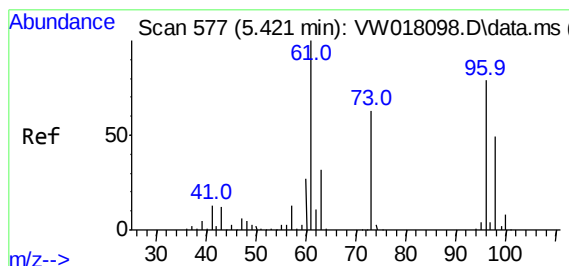
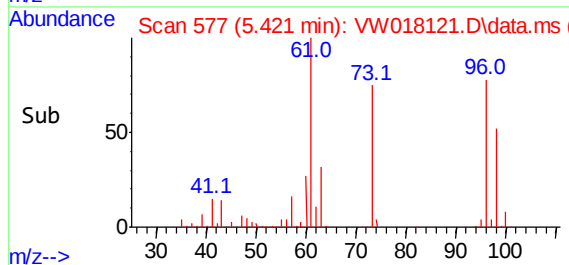
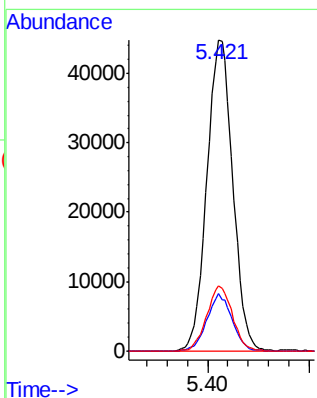
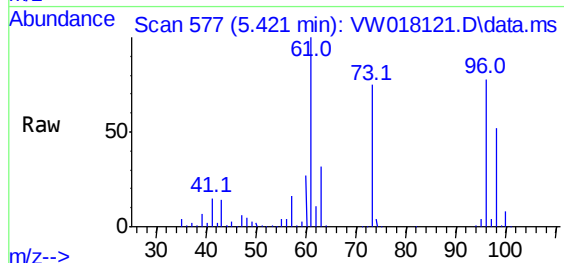


#17
Methyl tert-butyl Ether
Concen: 25.56 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 73 Resp: 157602

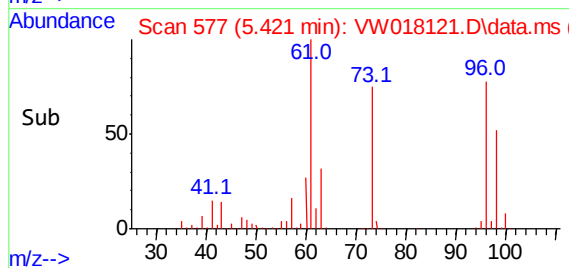
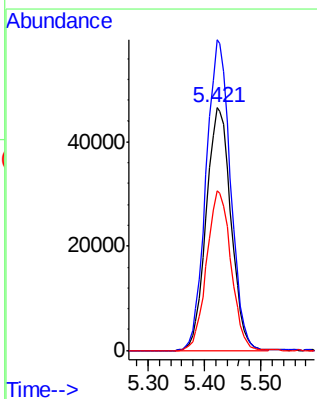
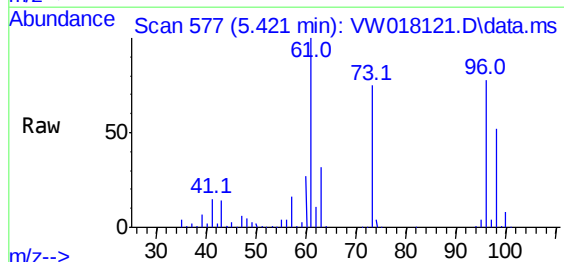
Ion	Ratio	Lower	Upper
73	100		
43	17.8	16.2	24.4
57	20.6	17.2	25.8

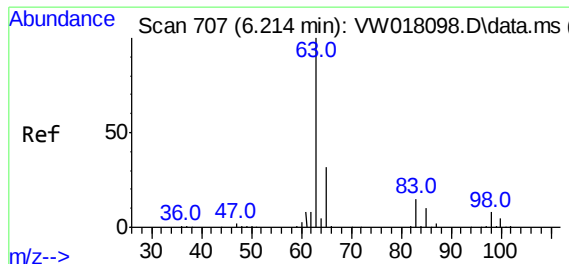


#18
trans-1,2-Dichloroethene
Concen: 24.00 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 96 Resp: 140910

Ion	Ratio	Lower	Upper
96	100		
61	128.0	92.7	172.1
98	66.0	43.3	80.3

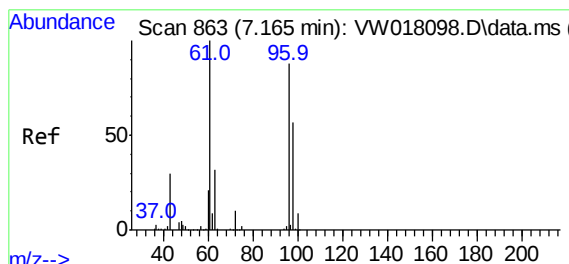
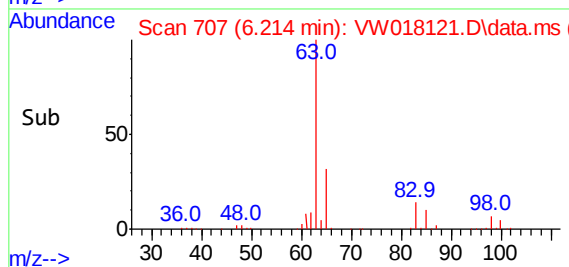
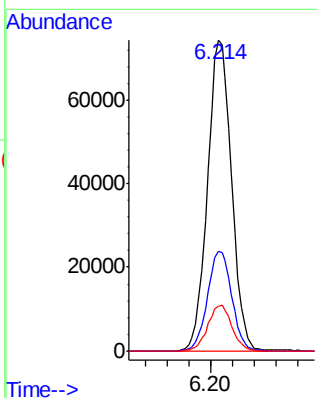
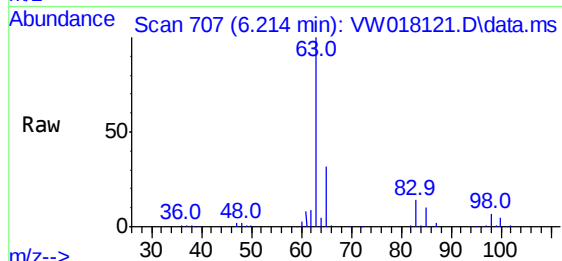




#19
1,1-Dichloroethane
Concen: 23.98 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

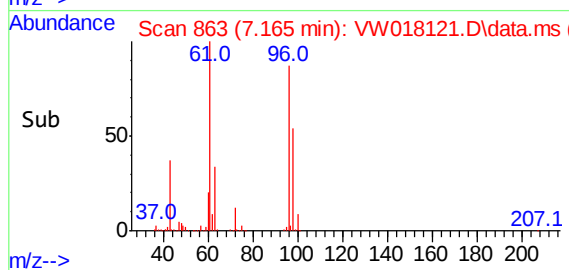
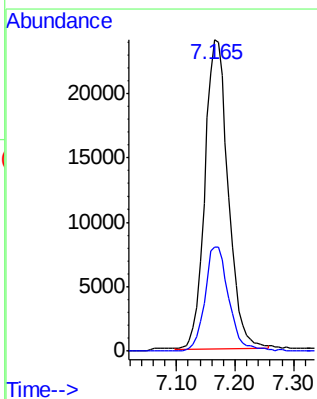
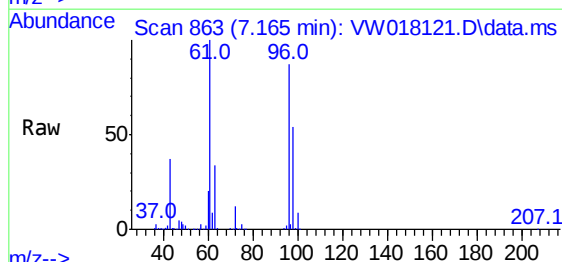
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

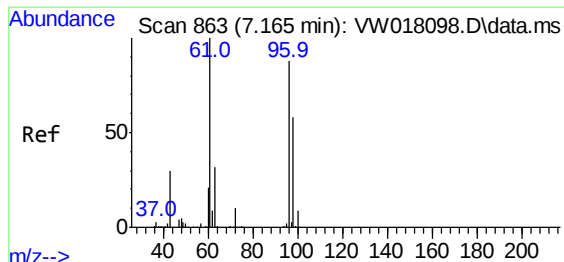
Tgt Ion: 63 Resp: 227208
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 14.3 9.4 17.6



#21
2-Butanone
Concen: 43.43 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 43 Resp: 66689
Ion Ratio Lower Upper
43 100
72 33.6 14.4 43.2



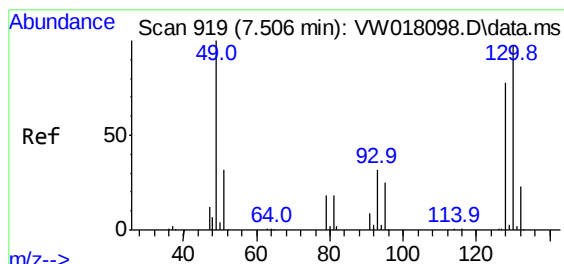
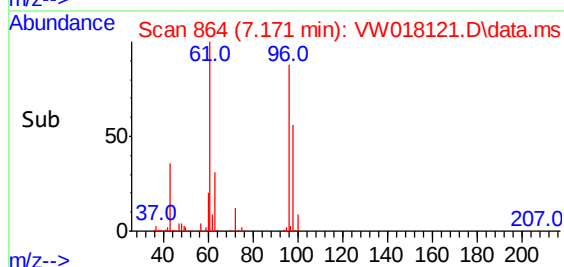
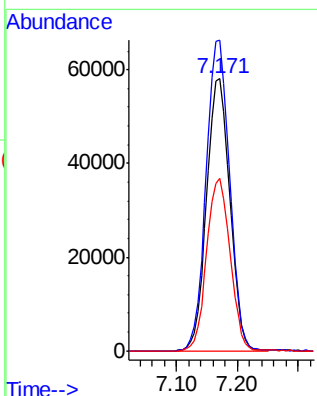
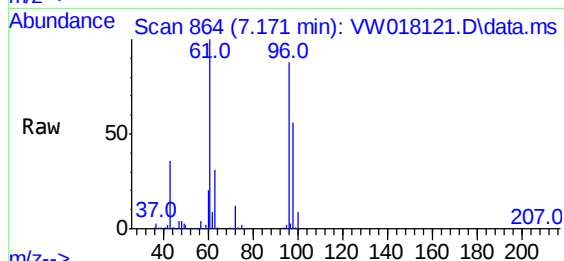


#22
cis-1,2-Dichloroethene
Concen: 25.16 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 96 Resp: 153208

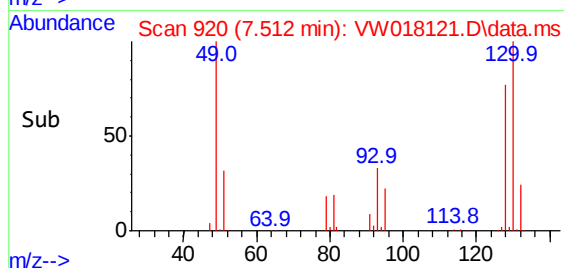
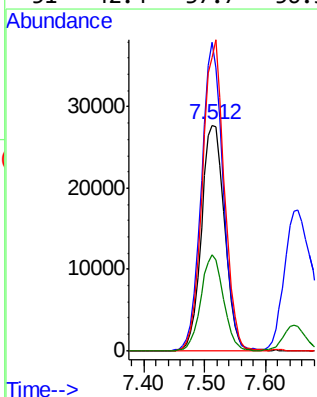
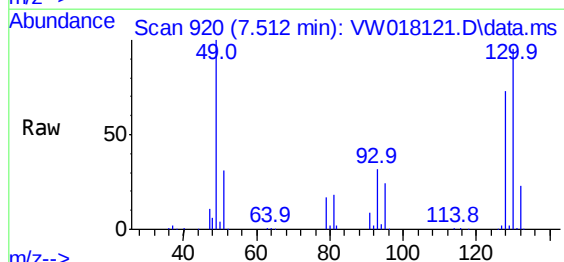
Ion	Ratio	Lower	Upper
96	100		
61	114.2	84.6	157.2
98	63.6	44.7	82.9

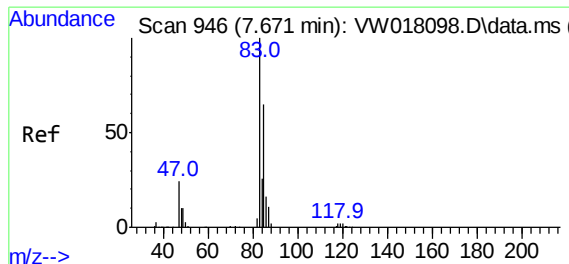


#23
Bromochloromethane
Concen: 24.83 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 128 Resp: 72669

Ion	Ratio	Lower	Upper
128	100		
49	136.8	101.6	188.6
130	130.1	90.4	167.8
51	42.4	37.7	56.5

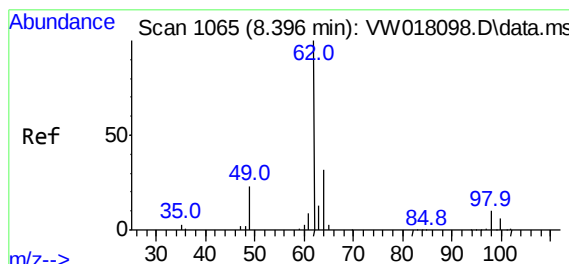
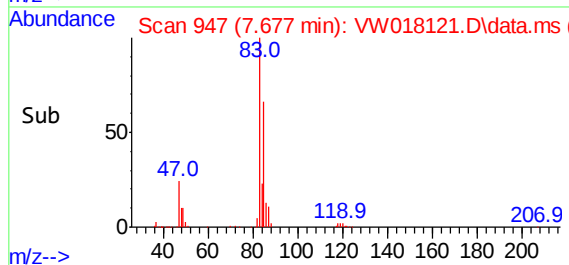
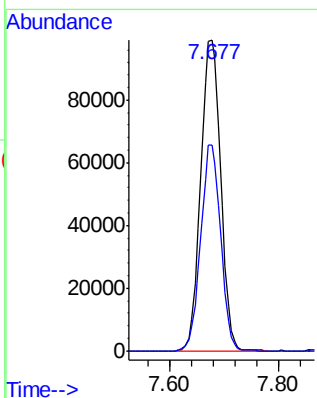
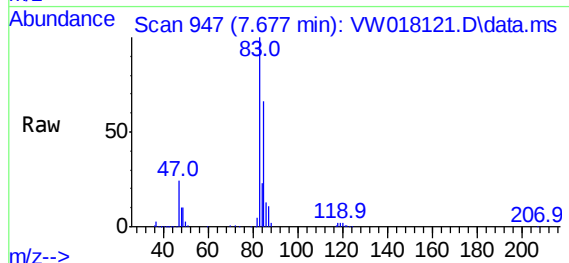




#25
Chloroform
Concen: 24.34 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

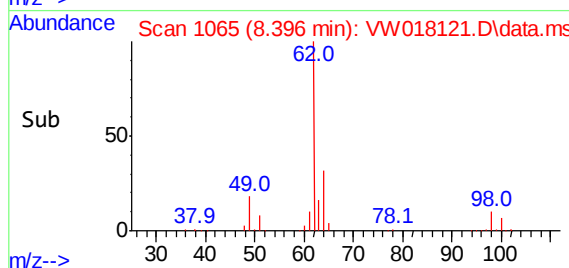
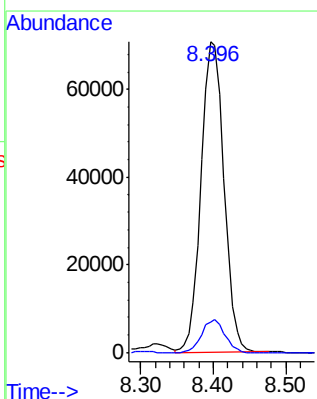
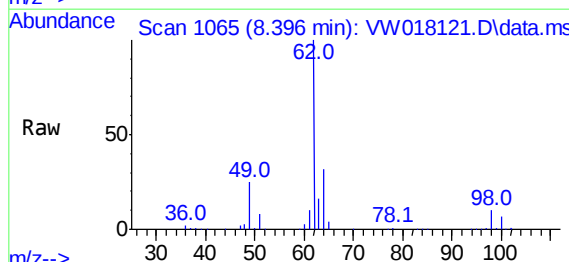
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

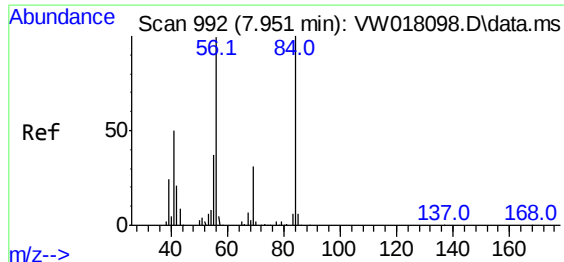
Tgt Ion: 83 Resp: 251674
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 23.24 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 62 Resp: 155938
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



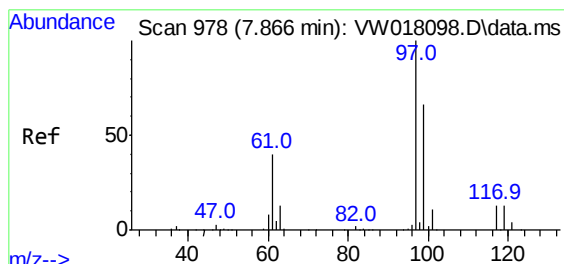
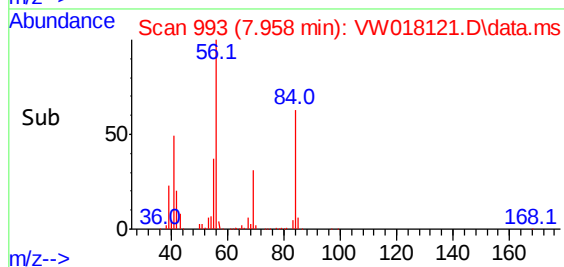
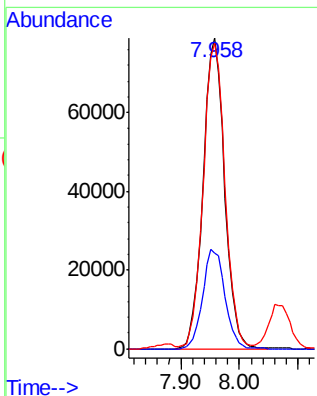
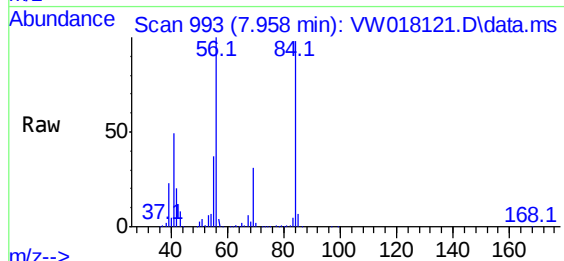


#30
Cyclohexane
Concen: 23.11 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 56 Resp: 200414

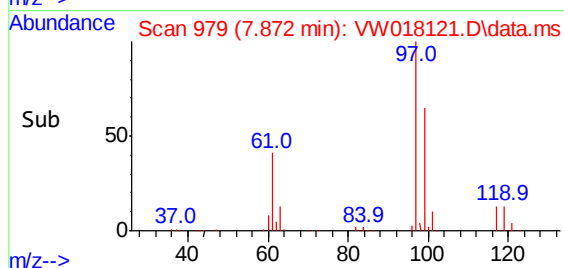
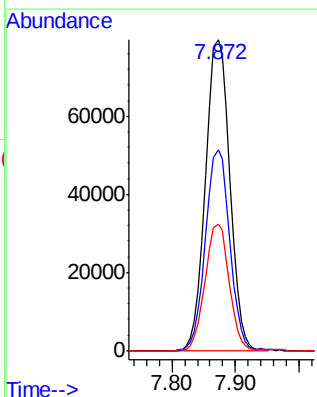
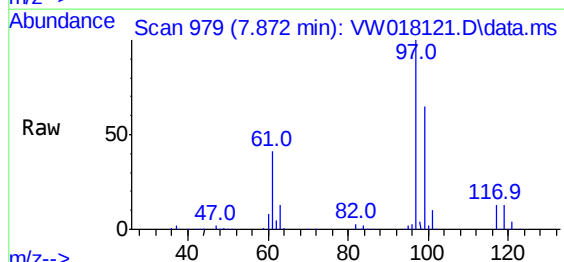
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.8	37.2
84	100.2	74.2	111.4

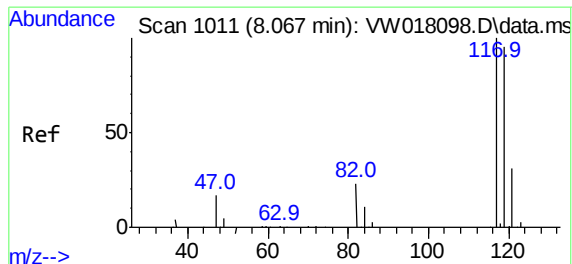


#31
1,1,1-Trichloroethane
Concen: 24.28 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 97 Resp: 204121

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	40.1	33.6	50.4

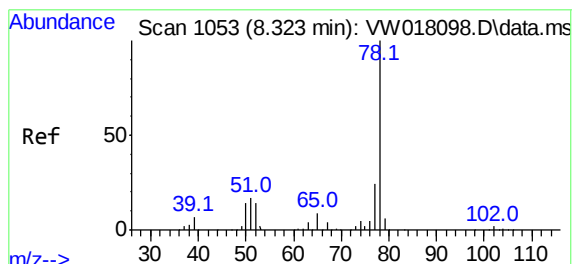
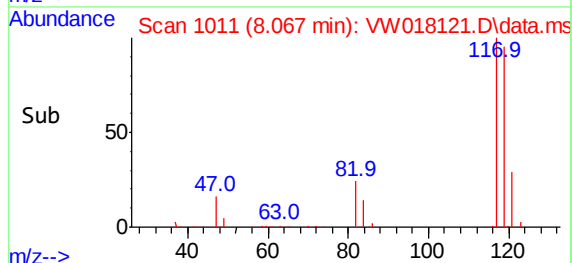
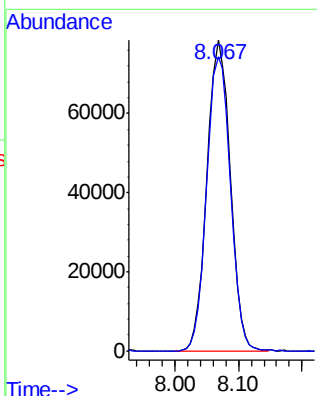
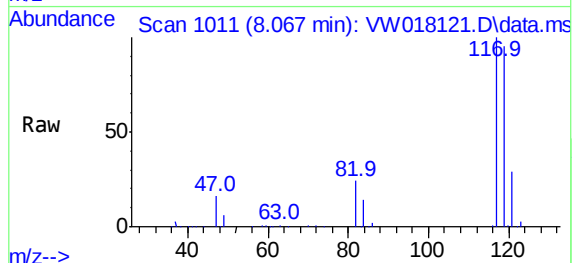




#32
Carbon tetrachloride
Concen: 23.74 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

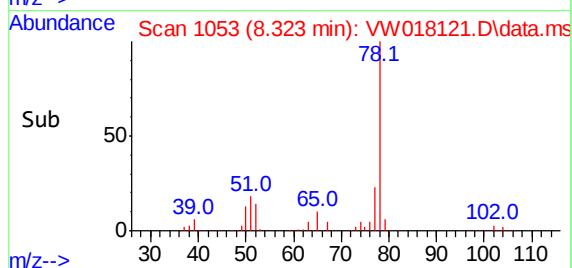
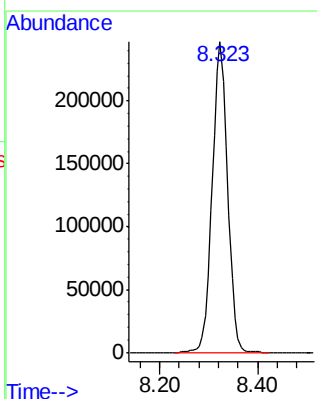
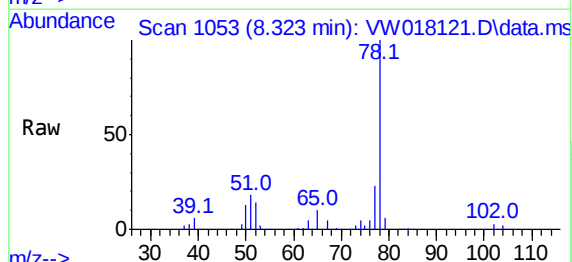
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

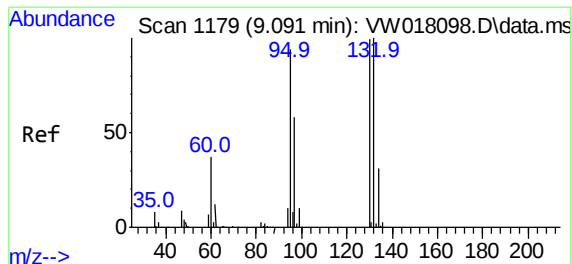
Tgt Ion:117 Resp: 193256
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#34
Benzene
Concen: 24.17 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 78 Resp: 535665

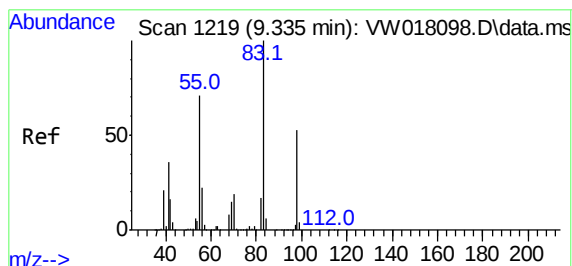
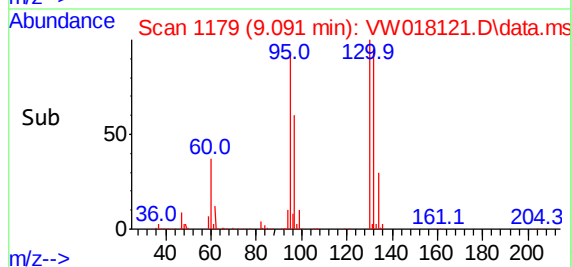
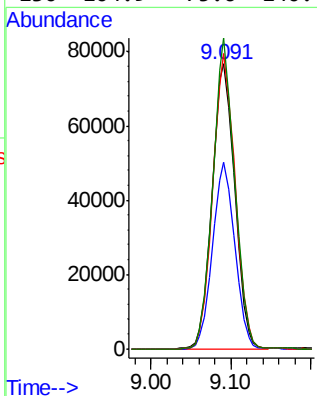
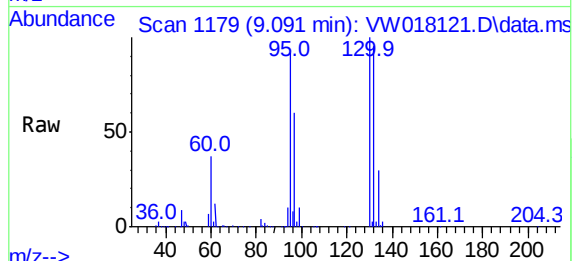




#35
Trichloroethene
Concen: 24.13 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

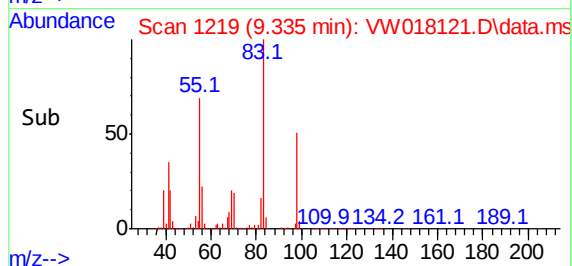
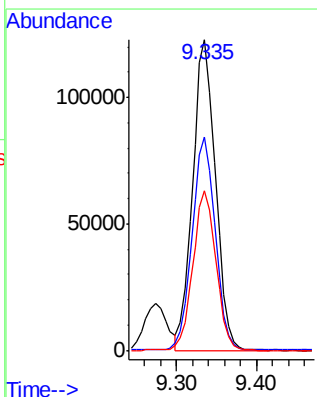
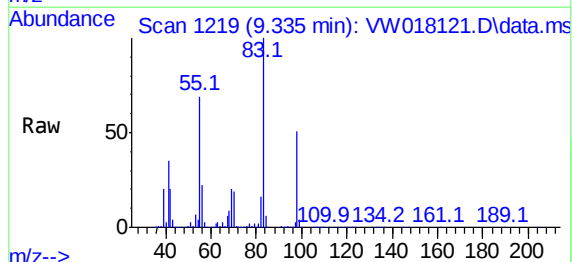
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

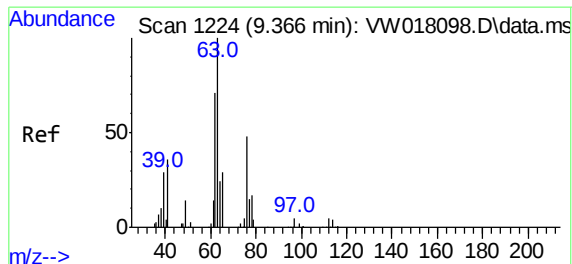
Tgt Ion: 95 Resp: 150699
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 102.3 71.0 131.8
130 104.9 75.6 140.4



#36
Methylcyclohexane
Concen: 23.18 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 83 Resp: 243374
Ion Ratio Lower Upper
83 100
55 69.4 59.4 89.0
98 52.0 40.7 61.1

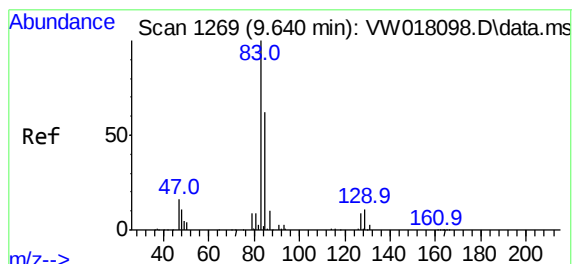
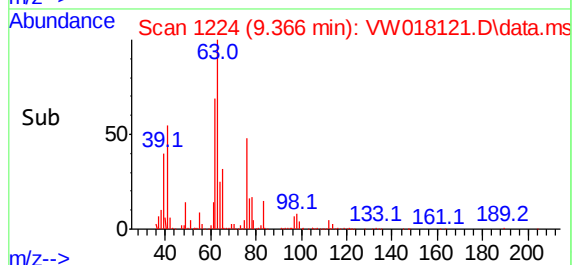
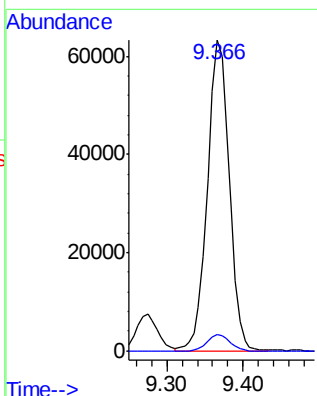
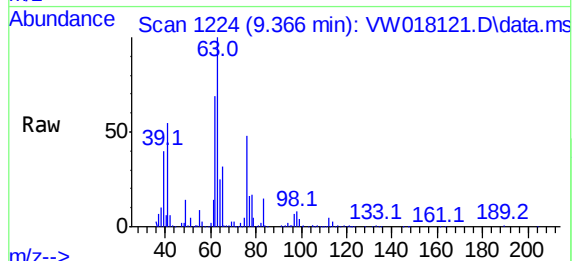




#40
1,2-Dichloropropane
Concen: 24.86 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

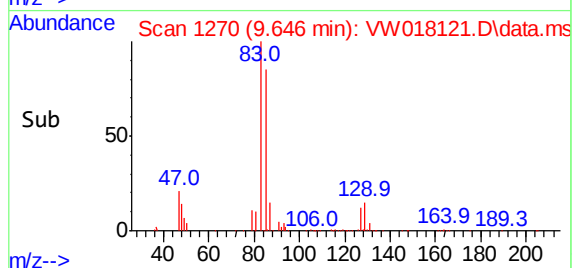
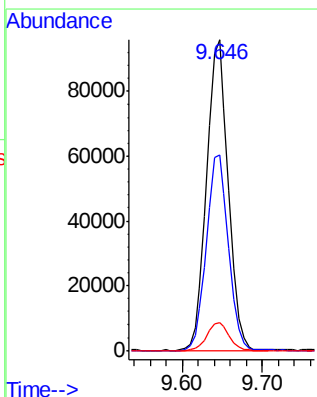
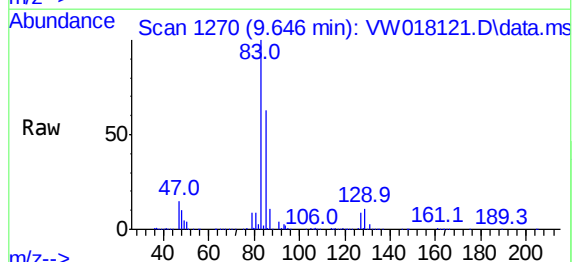
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

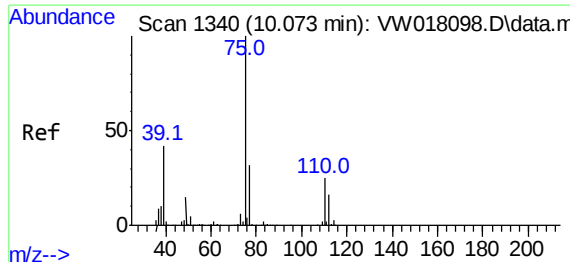
Tgt Ion: 63 Resp: 126389
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 24.72 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 83 Resp: 180011
Ion Ratio Lower Upper
83 100
85 63.0 46.8 86.8
127 9.2 7.6 11.4

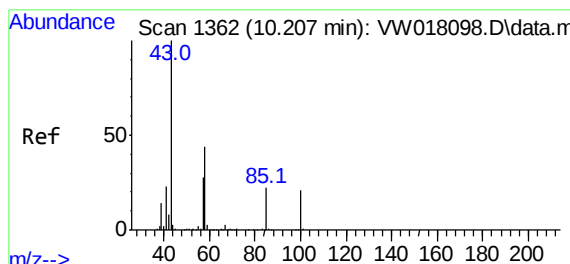
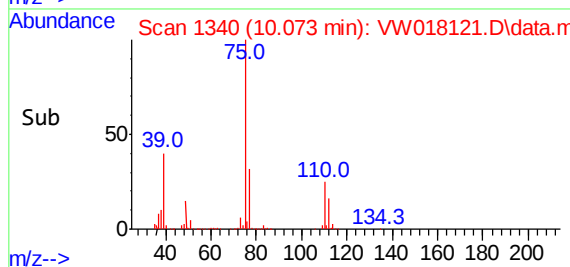
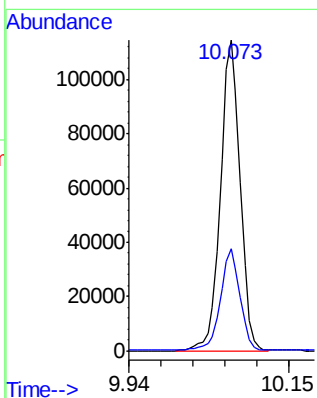
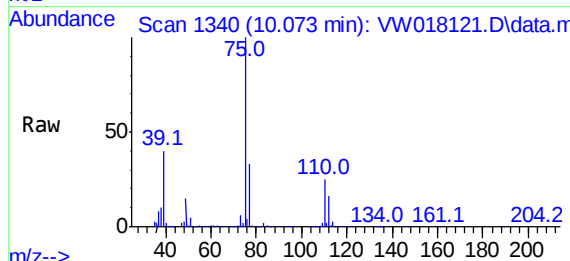




#42
cis-1,3-Dichloropropene
Concen: 25.20 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

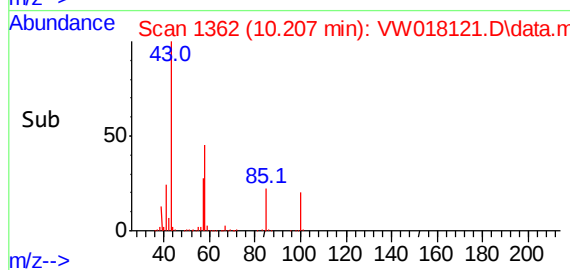
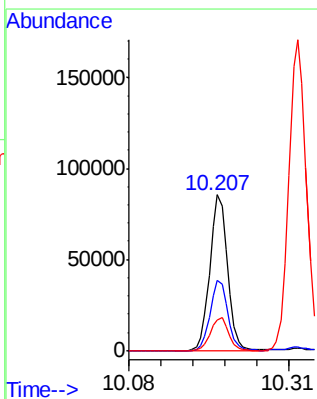
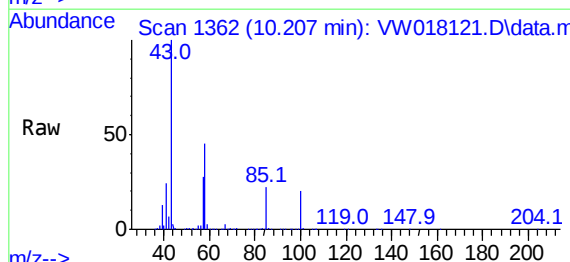
Instrument :
MSVOA_W
ClientSampled :
VSTD02522

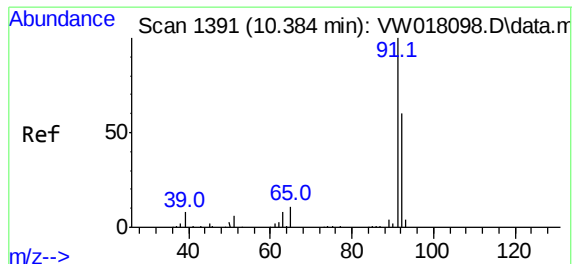
Tgt Ion: 75 Resp: 206508
Ion Ratio Lower Upper
75 100
77 32.7 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 47.72 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 43 Resp: 150880
Ion Ratio Lower Upper
43 100
58 44.8 31.6 47.4
100 21.4 14.1 21.1#

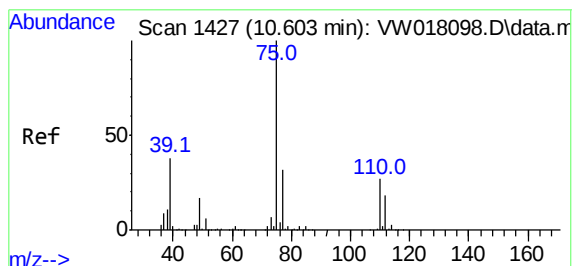
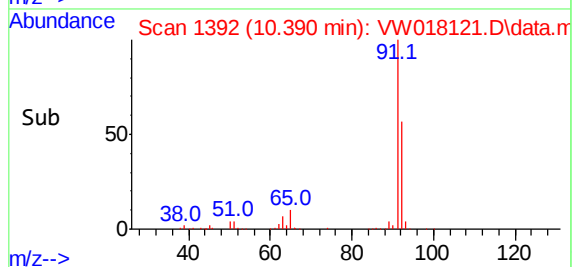
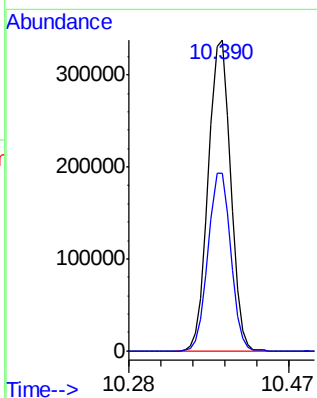
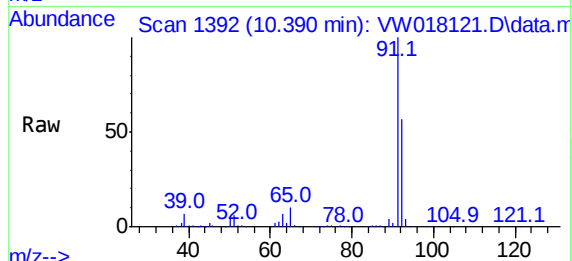




#44
Toluene
Concen: 24.60 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

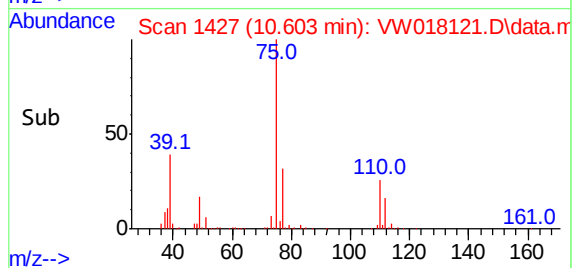
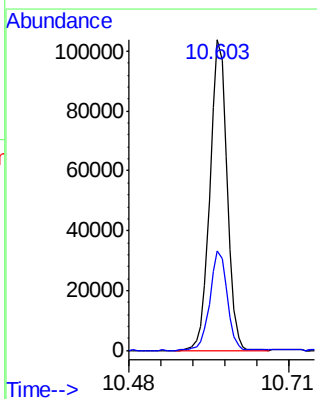
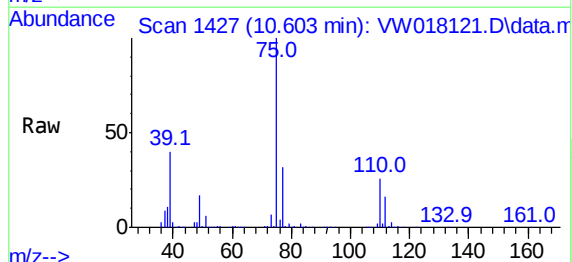
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

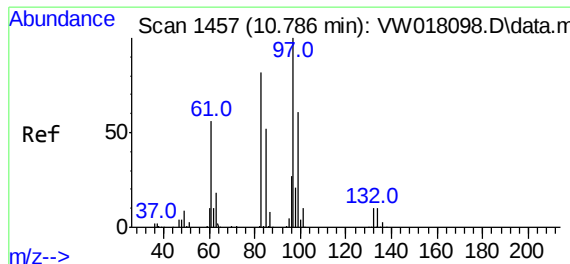
Tgt Ion: 91 Resp: 599921
Ion Ratio Lower Upper
91 100
92 57.1 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 24.94 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 75 Resp: 177882
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0



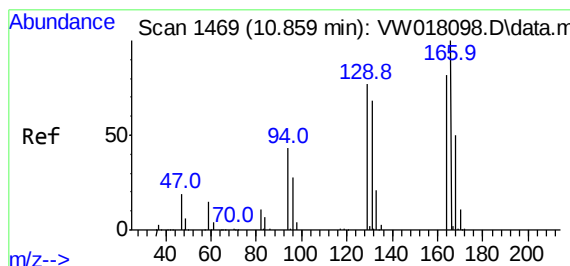
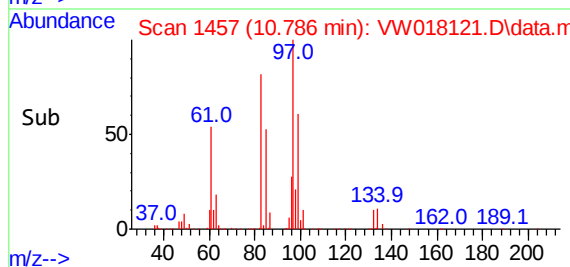
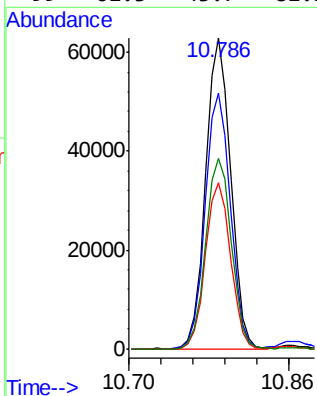
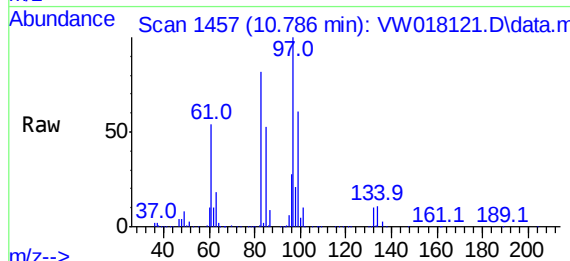


#46
1,1,2-Trichloroethane
Concen: 24.58 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 97 Resp: 106679

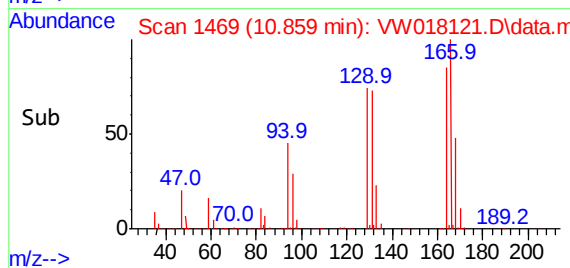
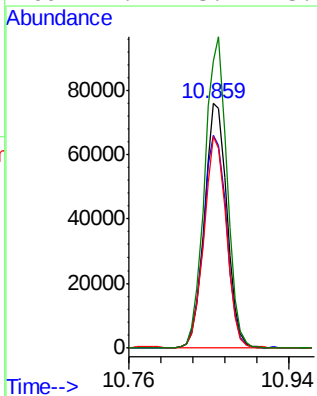
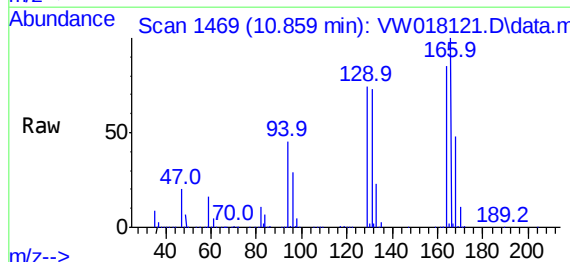
Ion	Ratio	Lower	Upper
97	100		
83	82.5	58.5	108.7
85	53.4	37.8	70.2
99	61.3	43.7	81.1

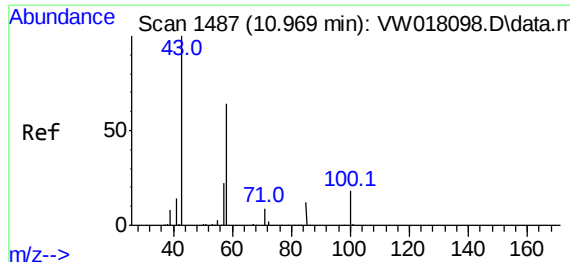


#47
Tetrachloroethene
Concen: 24.89 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 164 Resp: 132338

Ion	Ratio	Lower	Upper
164	100		
129	86.9	67.6	125.6
131	86.5	65.2	121.2
166	117.7	93.2	173.2



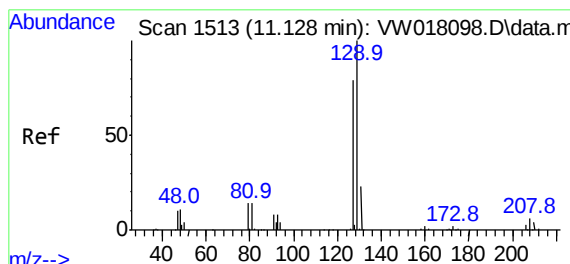
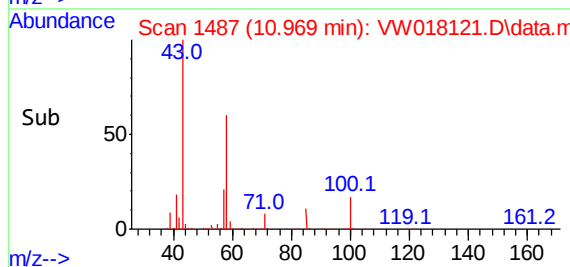
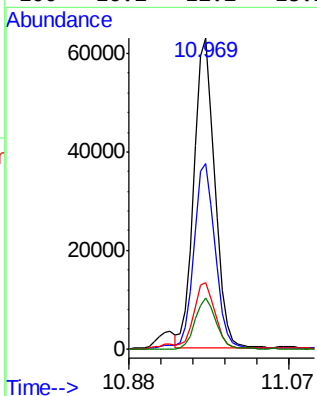
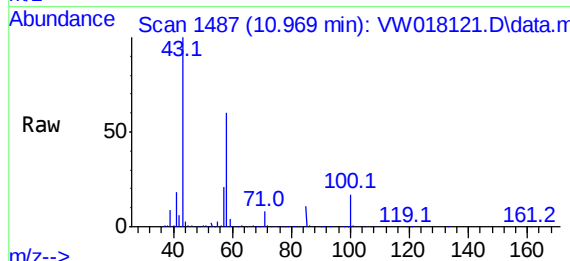


#49
2-Hexanone
Concen: 48.23 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion: 43 Resp: 105961

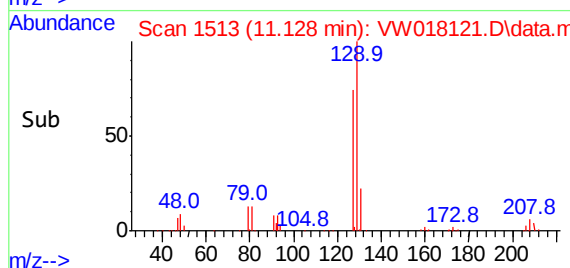
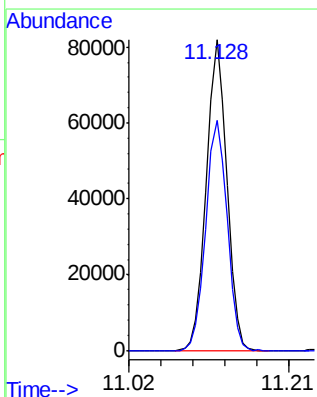
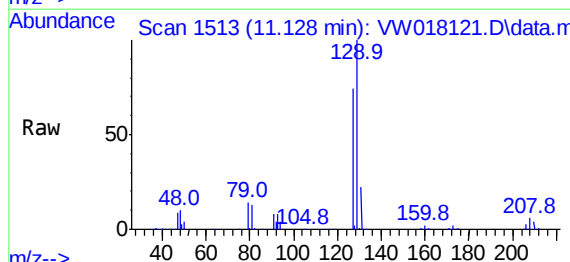
Ion	Ratio	Lower	Upper
43	100		
58	60.4	51.3	76.9
57	21.4	15.0	22.6
100	16.2	12.2	18.2

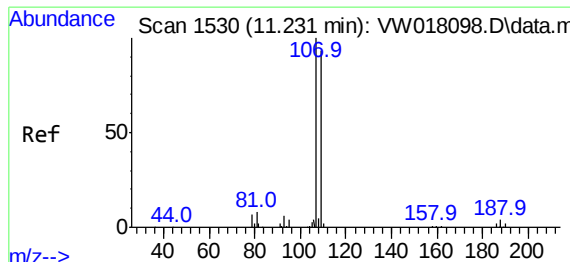


#50
Dibromochloromethane
Concen: 25.55 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 129 Resp: 132861

Ion	Ratio	Lower	Upper
129	100		
127	74.2	53.2	98.8

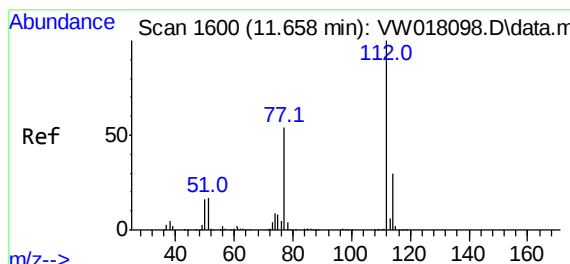
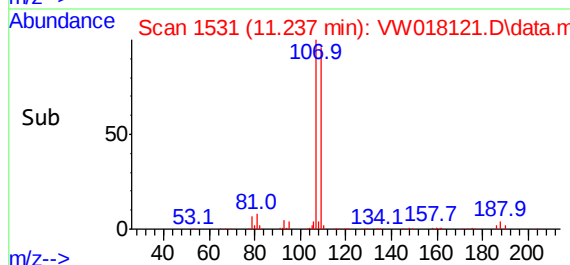
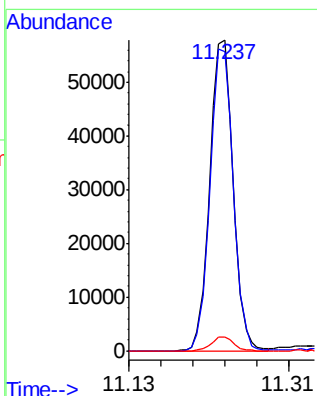
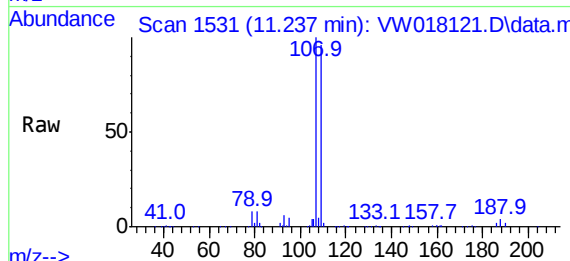




#51
1,2-Dibromoethane
Concen: 24.23 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

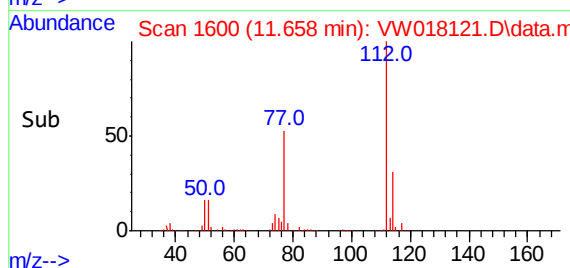
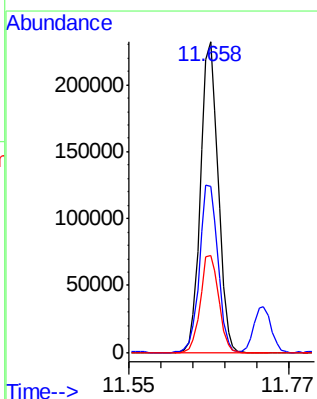
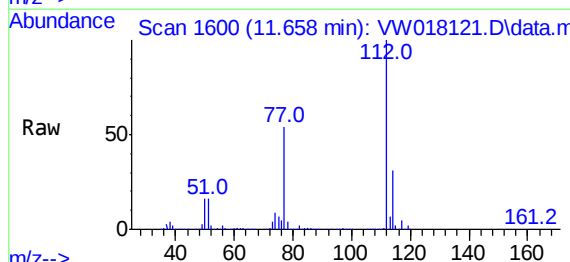
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

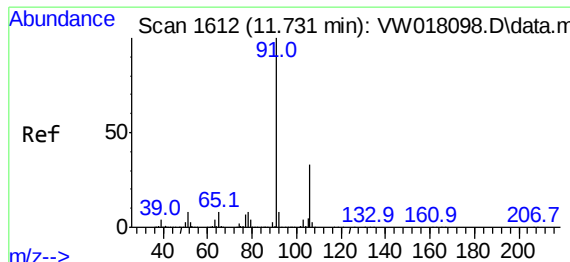
Tgt Ion:107 Resp: 104919
Ion Ratio Lower Upper
107 100
109 96.4 66.4 123.2
188 4.3 4.0 6.0



#52
Chlorobenzene
Concen: 24.51 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion:112 Resp: 393712
Ion Ratio Lower Upper
112 100
77 53.6 42.6 64.0
114 31.2 21.6 40.2

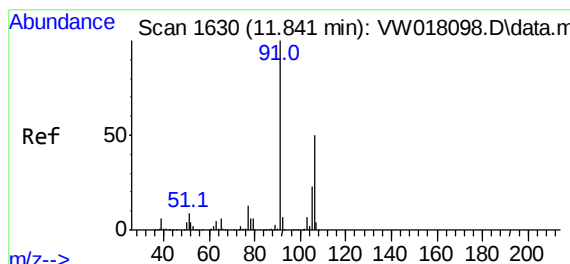
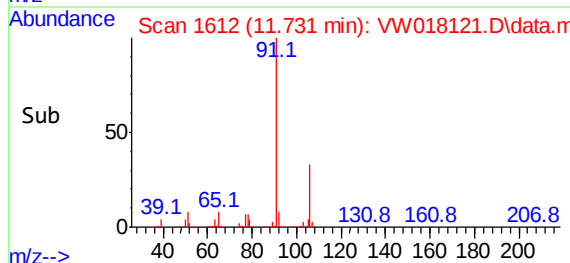
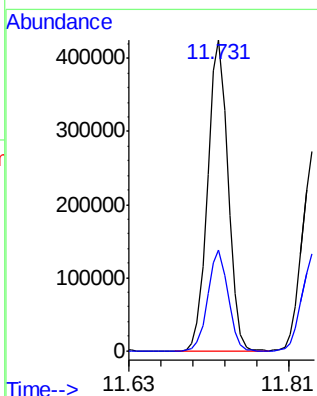
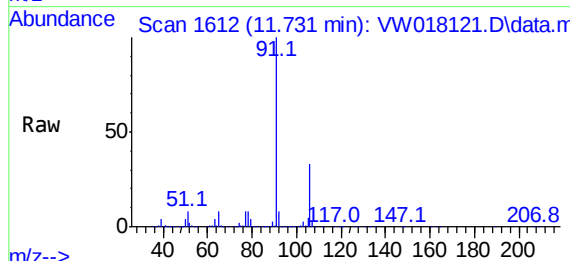




#53
Ethylbenzene
Concen: 24.21 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

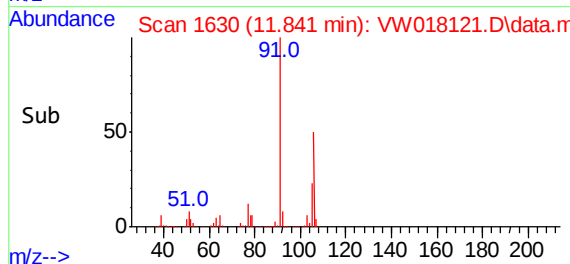
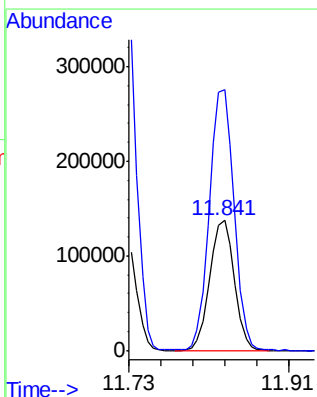
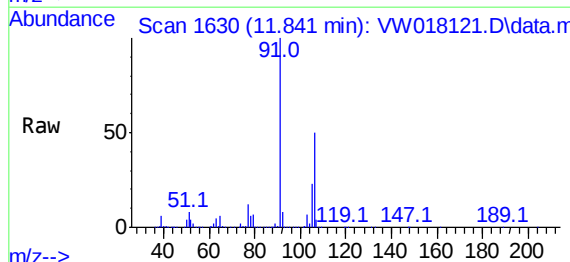
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

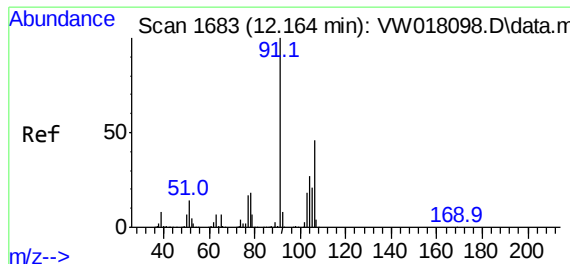
Tgt Ion: 91 Resp: 670894
Ion Ratio Lower Upper
91 100
106 32.6 21.1 39.1



#54
m,p-Xylene
Concen: 24.83 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 106 Resp: 262414
Ion Ratio Lower Upper
106 100
91 200.6 136.4 253.4

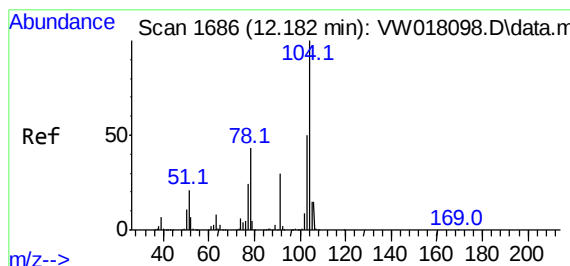
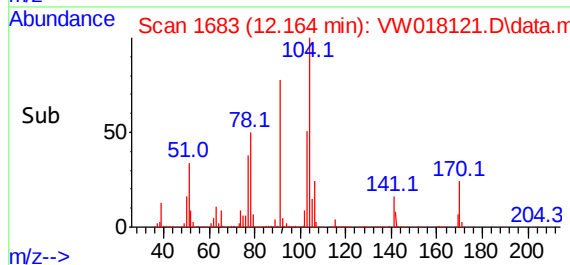
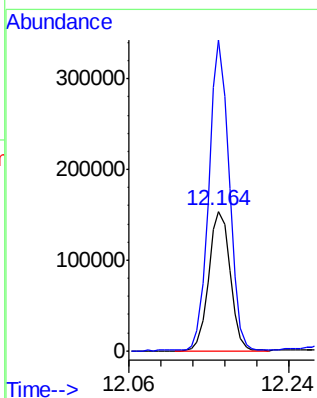
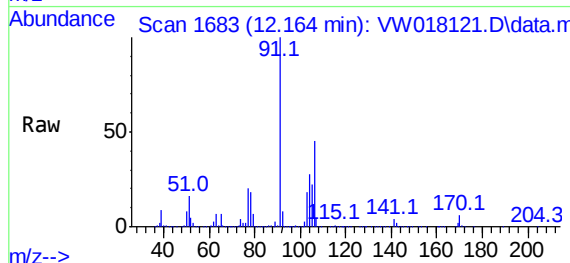




#55
o-xylene
Concen: 25.43 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

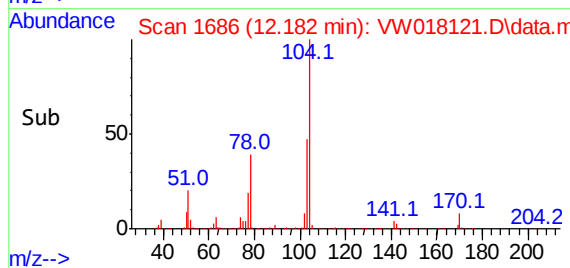
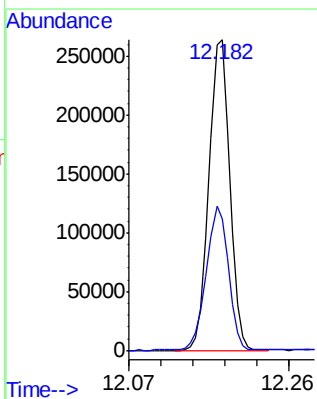
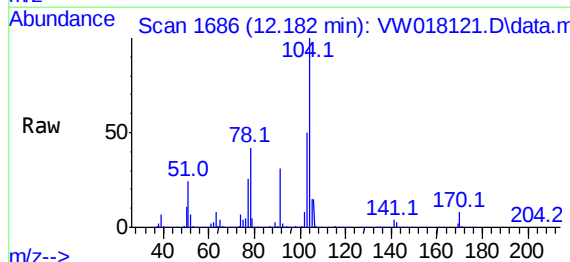
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

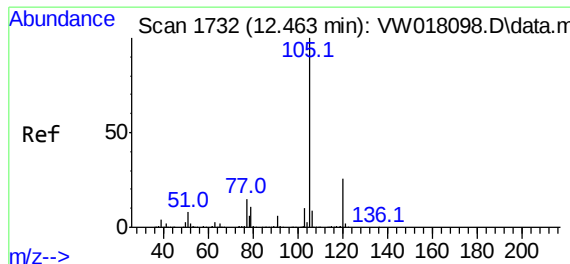
Tgt Ion:106 Resp: 254926
Ion Ratio Lower Upper
106 100
91 222.6 147.6 274.2



#56
Styrene
Concen: 25.61 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion:104 Resp: 436699
Ion Ratio Lower Upper
104 100
78 42.1 31.3 58.1

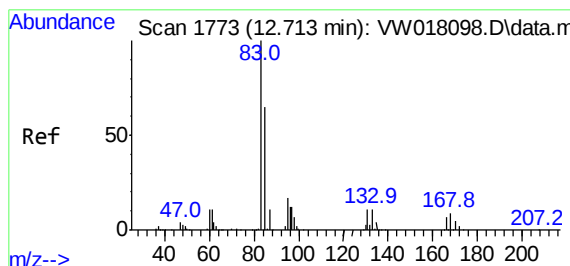
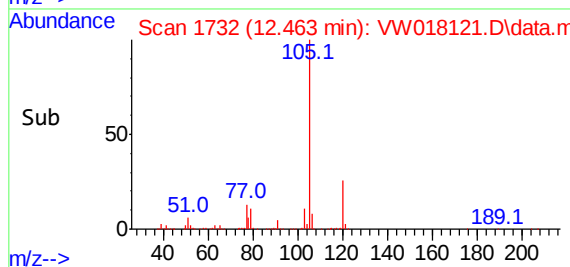
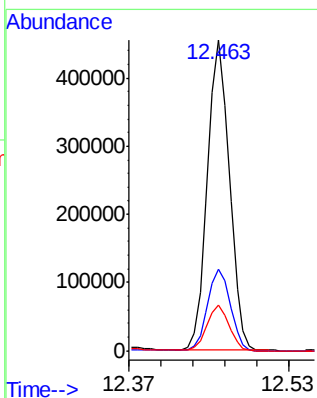
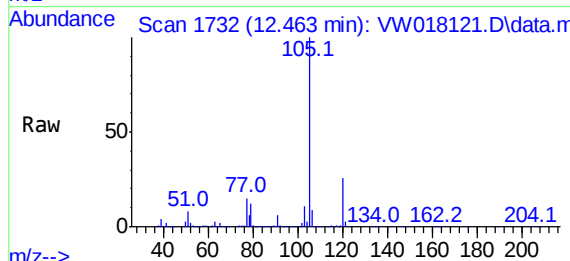




#57
Isopropylbenzene
Concen: 24.46 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

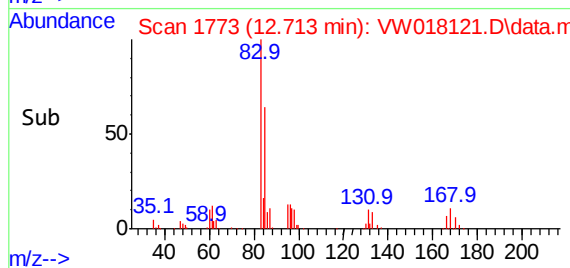
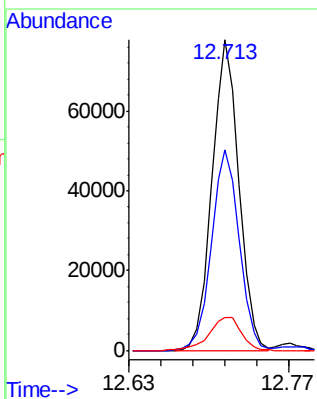
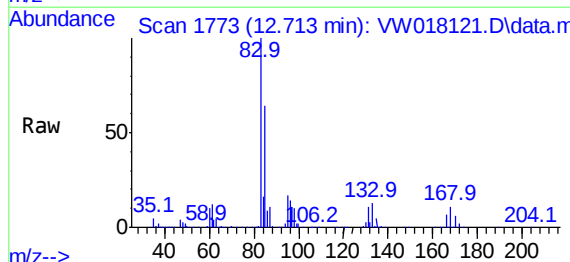
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

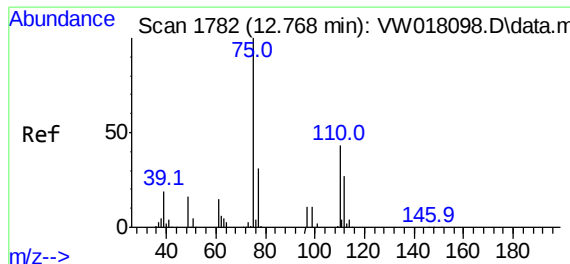
Tgt Ion:105 Resp: 682839
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.2
77 14.7 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 24.20 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 83 Resp: 124272
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1
131 10.7 8.3 12.5

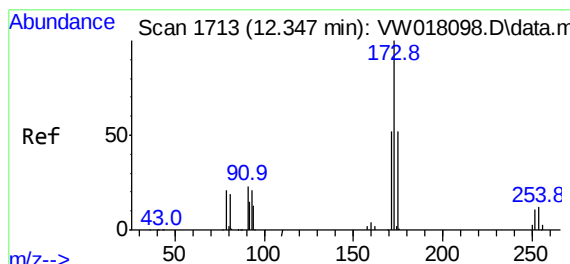
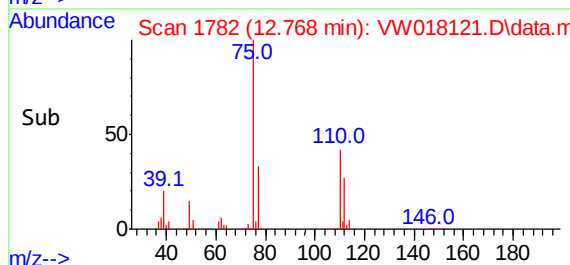
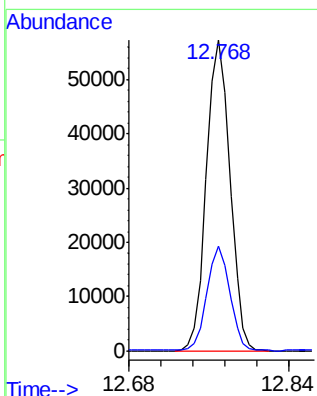
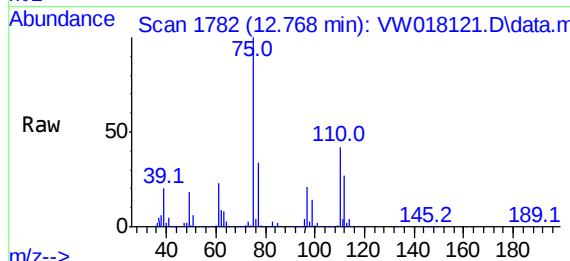




#59
1,2,3-Trichloropropane
Concen: 23.71 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

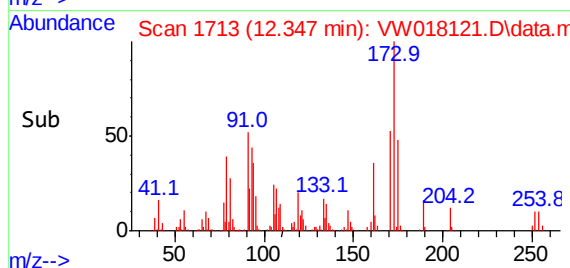
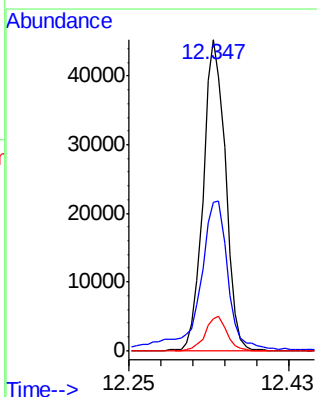
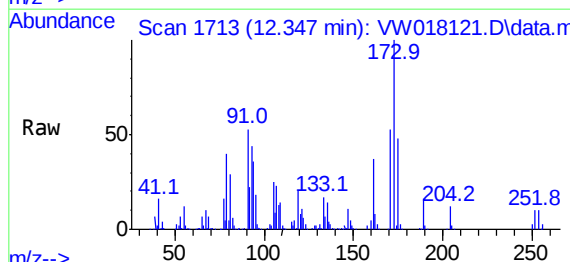
Instrument :
MSVOA_W
ClientSampleID :
VSTD02522

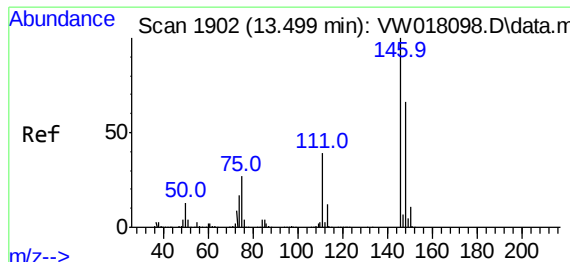
Tgt Ion: 75 Resp: 92227
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8



#62
Bromoform
Concen: 25.21 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 173 Resp: 77943
Ion Ratio Lower Upper
173 100
175 57.5 39.1 58.7
254 10.5 7.1 10.7

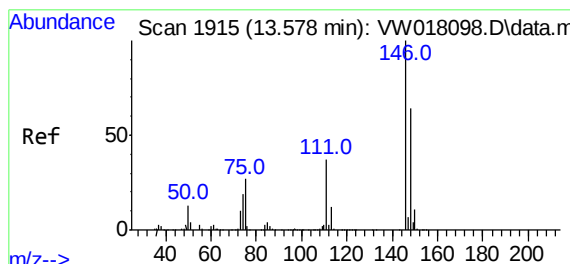
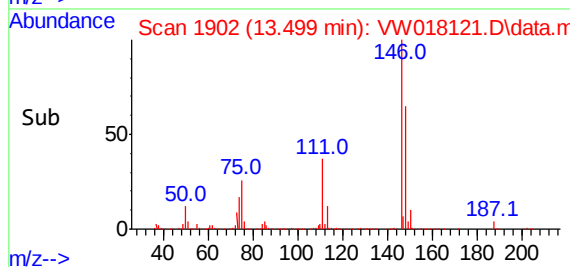
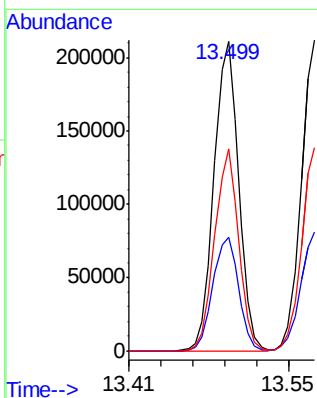
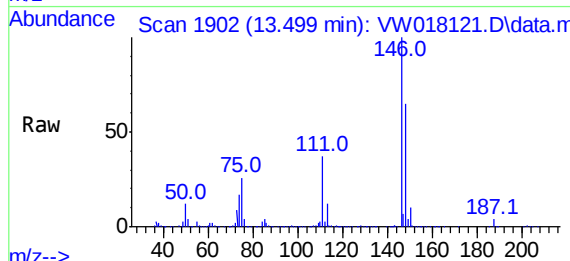




#63
1,3-Dichlorobenzene
Concen: 25.84 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

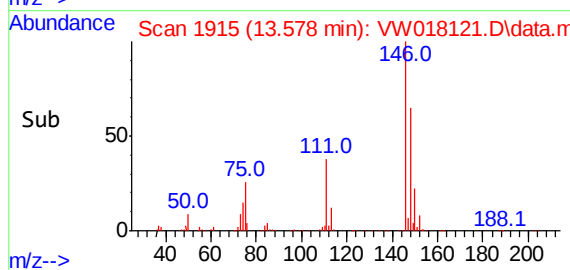
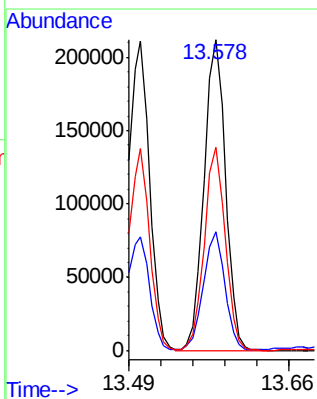
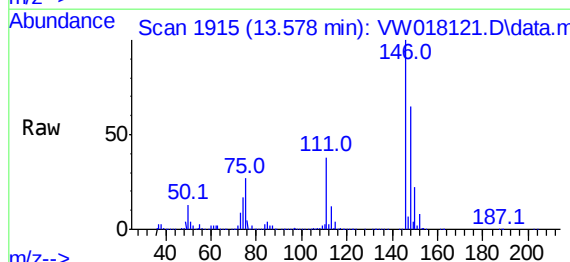
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

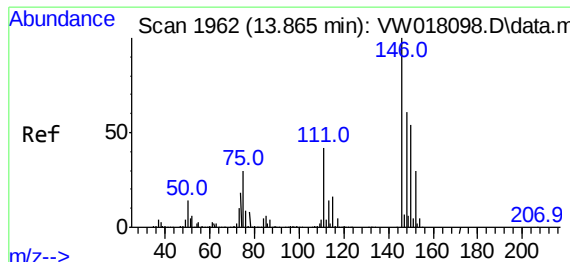
Tgt Ion:146 Resp: 330456
Ion Ratio Lower Upper
146 100
111 36.8 28.5 52.9
148 65.3 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.44 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion:146 Resp: 327183
Ion Ratio Lower Upper
146 100
111 38.1 27.7 51.5
148 65.5 47.0 87.2

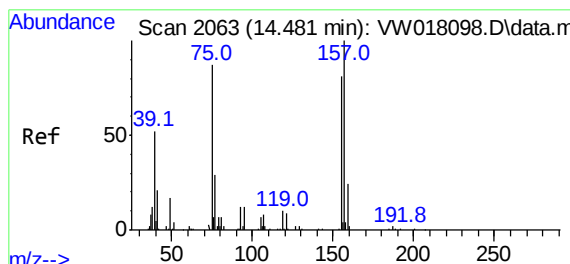
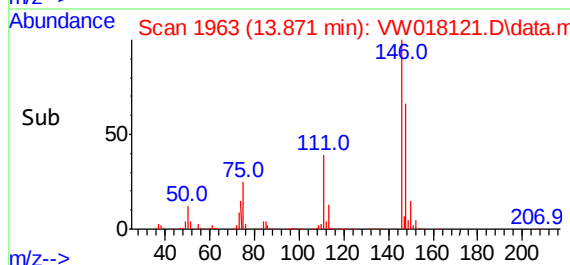
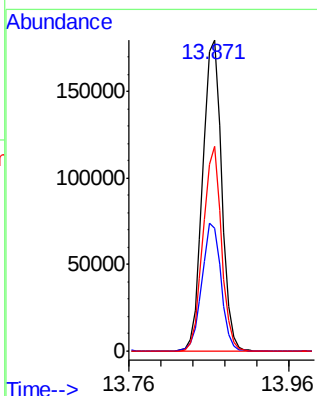
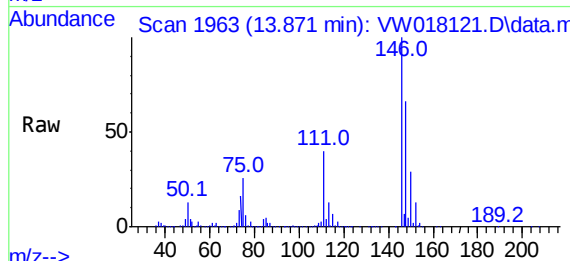




#65
1,2-Dichlorobenzene
Concen: 25.56 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

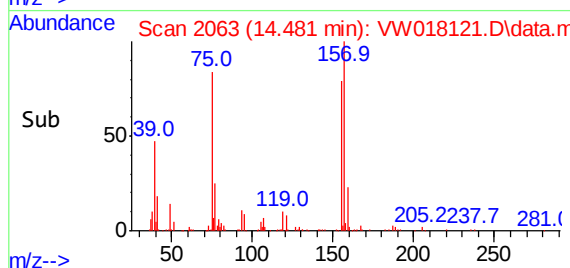
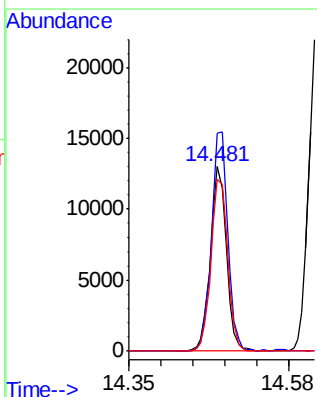
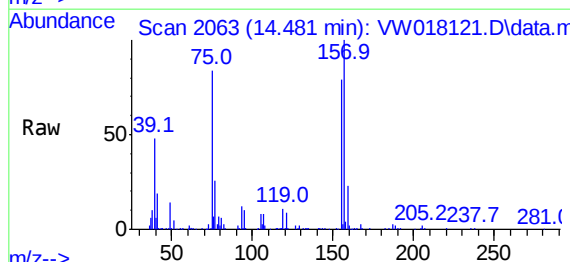
Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

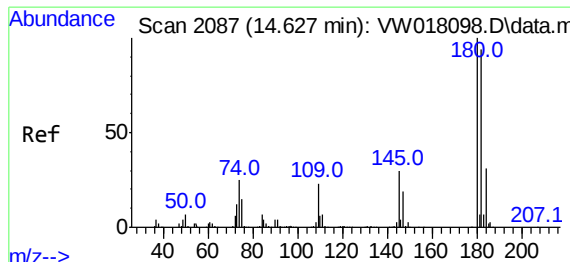
Tgt Ion:146 Resp: 294752
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 66.0 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.69 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion: 75 Resp: 20691
Ion Ratio Lower Upper
75 100
157 118.5 99.9 149.9
155 93.4 71.4 107.0

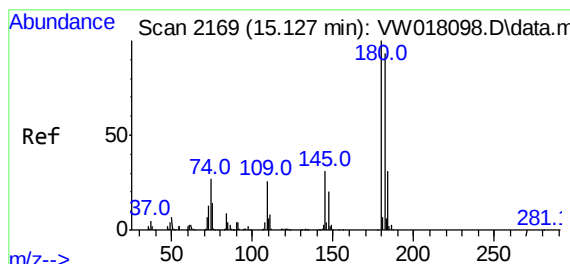
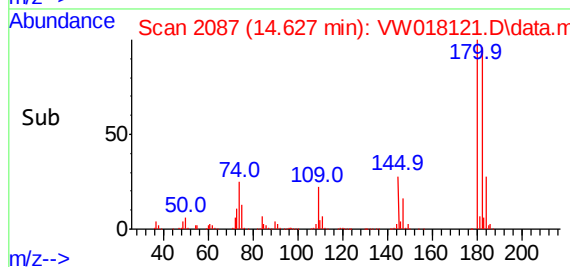
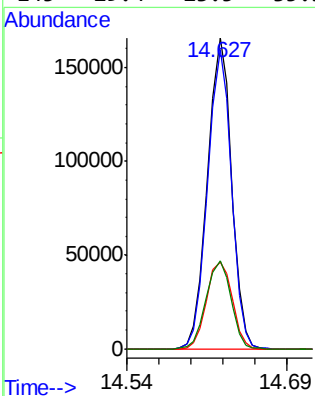
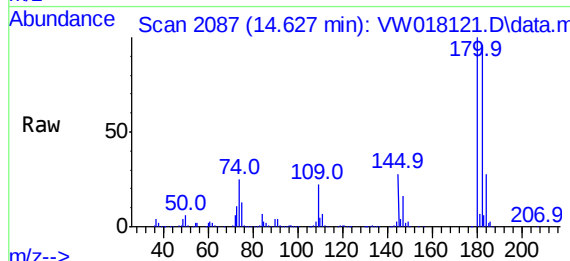




#67
 1,3,5-Trichlorobenzene
 Concen: 25.79 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

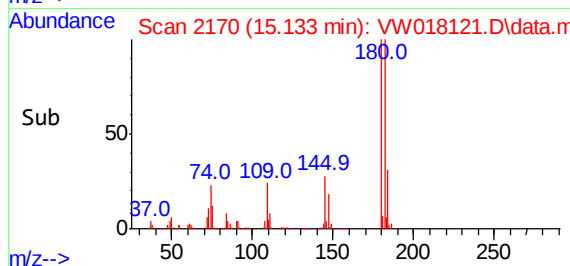
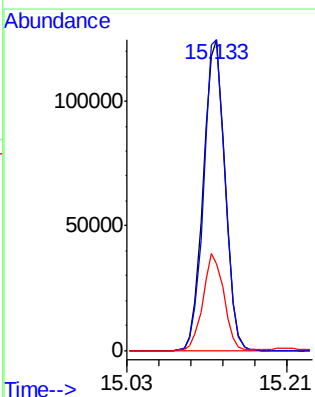
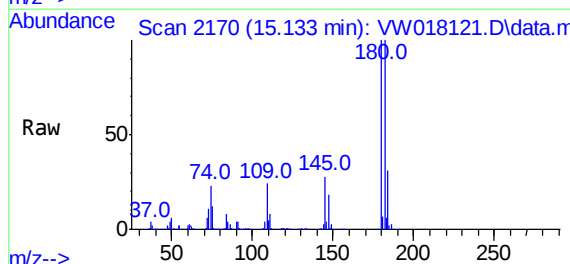
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

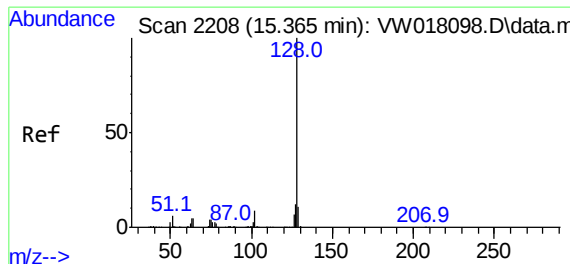
Tgt Ion:180 Resp: 253345
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 184 29.9 24.2 36.4
 145 29.4 23.5 35.3



#68
 1,2,4-trichlorobenzene
 Concen: 25.60 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018121.D
 Acq: 12 Feb 2021 19:35

Tgt Ion:180 Resp: 209670
 Ion Ratio Lower Upper
 180 100
 182 98.1 71.3 106.9
 145 30.1 24.0 36.0

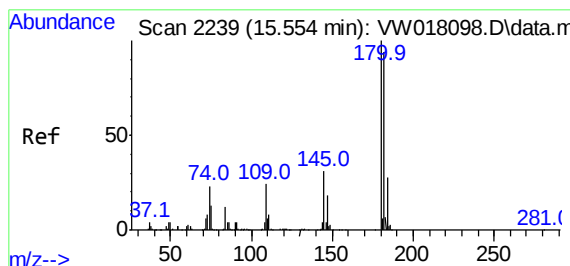
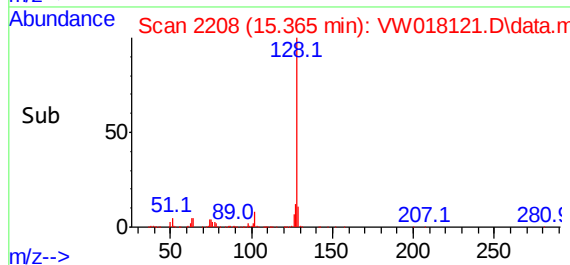
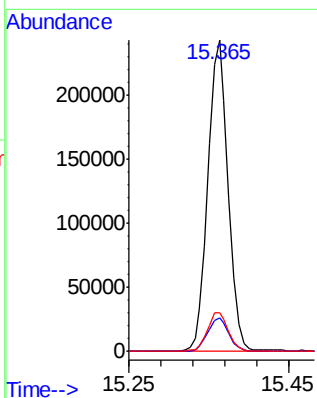
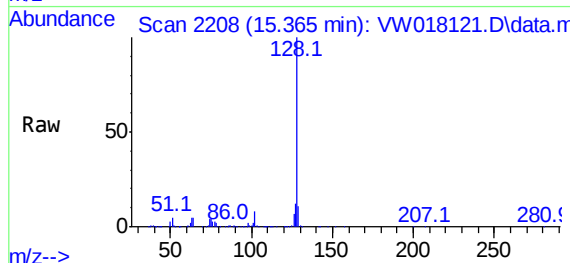




#69
Naphthalene
Concen: 26.62 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD02522

Tgt Ion:128 Resp: 424067
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.56 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018121.D
Acq: 12 Feb 2021 19:35

Tgt Ion:180 Resp: 186611
Ion Ratio Lower Upper
180 100
182 95.5 74.7 112.1
145 32.3 25.4 38.0

