

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018174.D
 Acq On : 16 Feb 2021 19:51
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Feb 17 01:09:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	361509	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	329298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	177168	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	84434	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.16%		
7) Chloroethane-d5	2.891	69	74494	20.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.56%		
10) 1,1-Dichloroethene-d2	4.025	63	201496	22.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.72%		
20) 2-Butanone-d5	7.074	46	54293	45.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.56%		
24) Chloroform-d	7.647	84	233567	24.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.48%		
26) 1,2-Dichloroethane-d4	8.305	65	114931	22.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.96%		
29) Benzene-d6	8.275	84	439157	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.16%		
33) 1,2-Dichloropropane-d6	9.274	67	124793	24.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.72%		
37) Toluene-d8	10.323	98	417671	24.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.12%		
38) trans-1,3-Dichloroprop...	10.579	79	54946	23.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.88%		
39) 2-Hexanone-d5	10.921	63	48008	49.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.30%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	109921	24.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	159637	25.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	120680	24.67	ug/L	96
3) Chloromethane	2.215	50	85638	23.77	ug/L	100
5) Vinyl chloride	2.367	62	132903	26.75	ug/L	98
6) Bromomethane	2.788	94	89936	25.45	ug/L	98
8) Chloroethane	2.934	64	76996	25.93	ug/L	100
9) Trichlorofluoromethane	3.263	101	93694	26.08	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	141496	27.56	ug/L #	65
12) 1,1-Dichloroethene	4.044	96	133681	27.67	ug/L	94
13) Acetone	4.117	43	36458	41.10	ug/L	97
14) Carbon disulfide	4.391	76	364936	25.94	ug/L	98
15) Methyl Acetate	4.666	43	45880	23.31	ug/L	94
16) Methylene chloride	4.922	84	130051	22.45	ug/L	90
17) Methyl tert-butyl Ether	5.428	73	142439	26.27	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	142286	27.56	ug/L	95
19) 1,1-Dichloroethane	6.214	63	226929	27.24	ug/L	99
21) 2-Butanone	7.171	43	60331	44.68	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	148017	27.65	ug/L	96
23) Bromochloromethane	7.513	128	69832	27.13	ug/L	92
25) Chloroform	7.671	83	244963	26.94	ug/L	98
27) 1,2-Dichloroethane	8.397	62	146896	24.89	ug/L	99

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

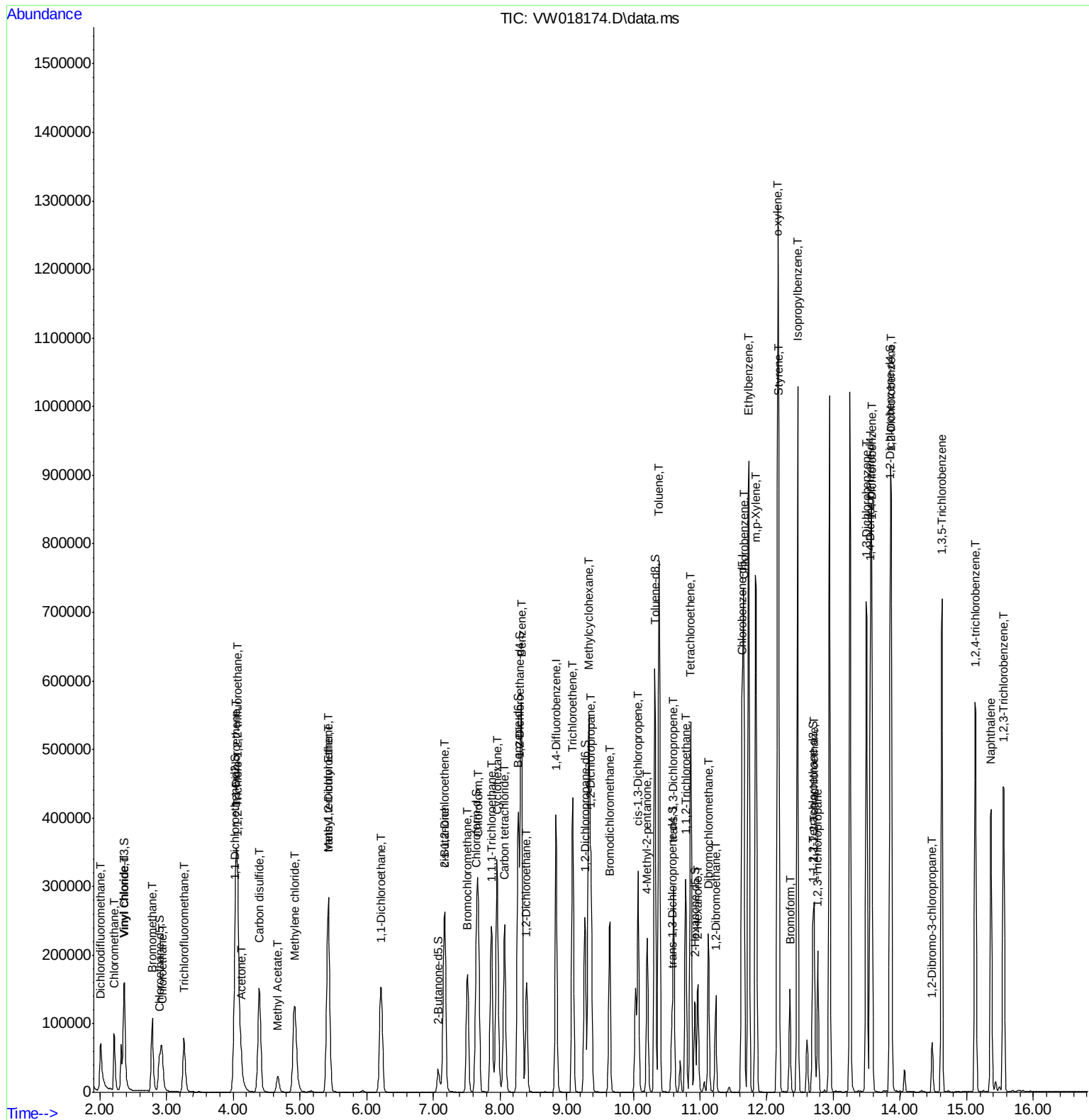
30) Cyclohexane	7.958	56	201683	26.78	ug/L	94
31) 1,1,1-Trichloroethane	7.872	97	203708	27.90	ug/L	98
32) Carbon tetrachloride	8.067	117	196303	27.76	ug/L	98
34) Benzene	8.323	78	530915	27.59	ug/L	100
35) Trichloroethene	9.092	95	149961	27.65	ug/L	98
36) Methylcyclohexane	9.335	83	246058	26.98	ug/L	96
40) 1,2-Dichloropropane	9.366	63	122465	27.73	ug/L	99
41) Bromodichloromethane	9.646	83	173257	27.40	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	196393	27.59	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	135400	49.31	ug/L #	92
44) Toluene	10.384	91	598088	28.23	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	168562	27.21	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	101283	26.87	ug/L	97
47) Tetrachloroethene	10.860	164	130538	28.27	ug/L	95
49) 2-Hexanone	10.969	43	93551	49.02	ug/L	96
50) Dibromochloromethane	11.128	129	126098	27.92	ug/L	97
51) 1,2-Dibromoethane	11.238	107	99325	26.41	ug/L	100
52) Chlorobenzene	11.658	112	394546	28.27	ug/L	99
53) Ethylbenzene	11.731	91	668277	27.76	ug/L	94
54) m,p-Xylene	11.841	106	260939	28.43	ug/L	98
55) o-xylene	12.164	106	246337	28.29	ug/L	98
56) Styrene	12.182	104	422189	28.51	ug/L	95
57) Isopropylbenzene	12.463	105	682677	28.15	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	116139	26.04	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	85774	25.39	ug/L	99
62) Bromoform	12.347	173	69278	25.37	ug/L #	97
63) 1,3-Dichlorobenzene	13.493	146	322434	28.55	ug/L	91
64) 1,4-Dichlorobenzene	13.579	146	316257	27.84	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	284159	27.90	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	18074	23.43	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	238514	27.49	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	199339	27.56	ug/L	93
69) Naphthalene	15.365	128	370248	26.31	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	164728	25.55	ug/L	94

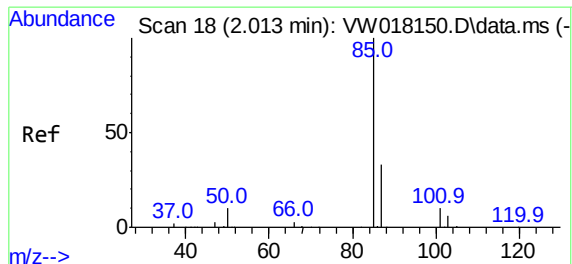
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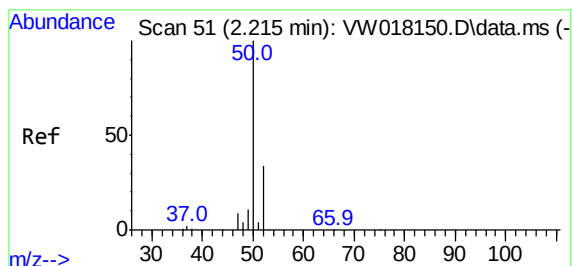
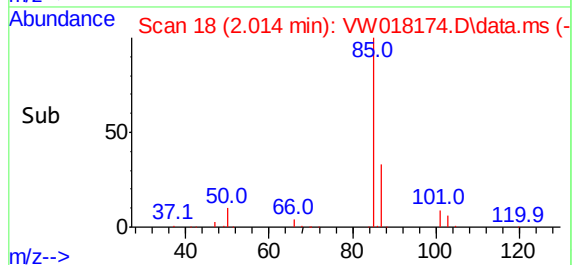
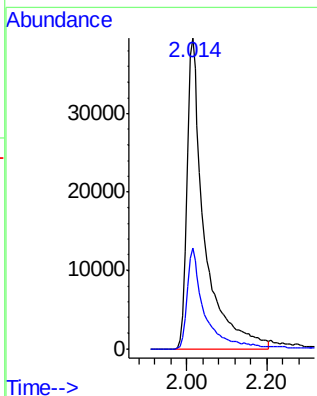
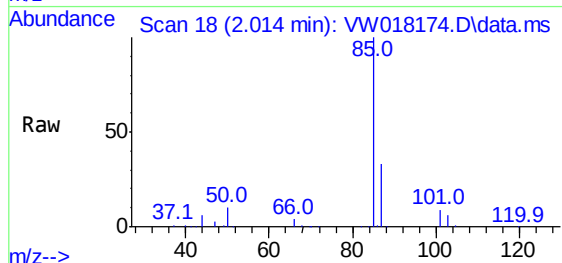




#2
Dichlorodifluoromethane
Concen: 24.67 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018174.D
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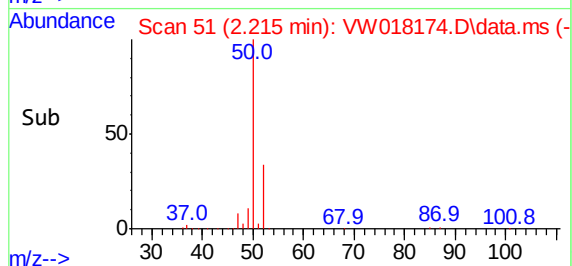
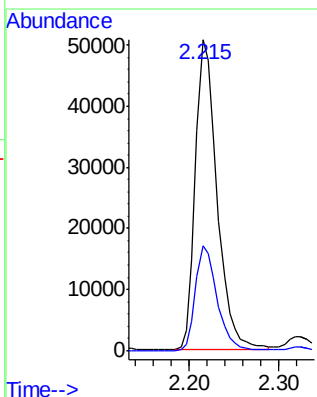
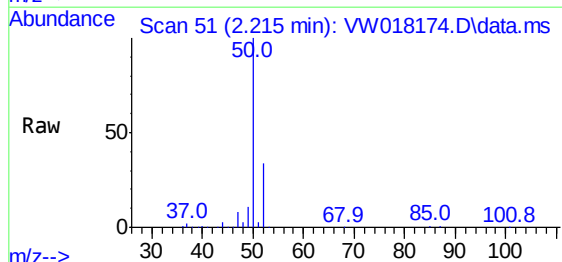
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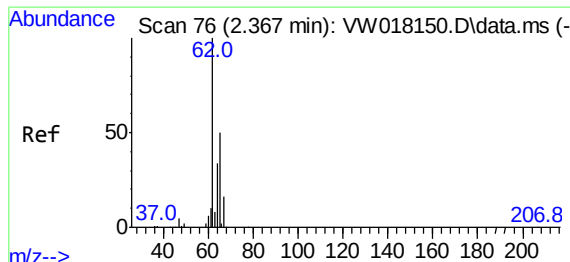
Tgt Ion: 85 Resp: 120680
Ion Ratio Lower Upper
85 100
87 30.6 23.2 43.0



#3
Chloromethane
Concen: 23.77 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 50 Resp: 85638
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.6

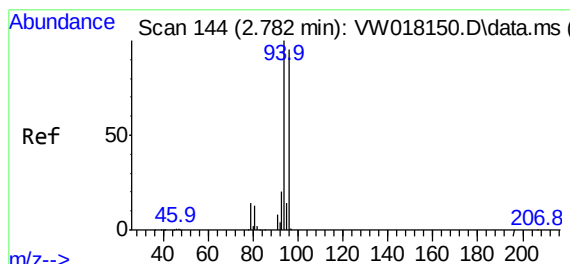
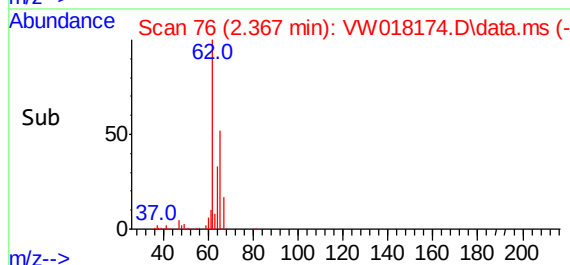
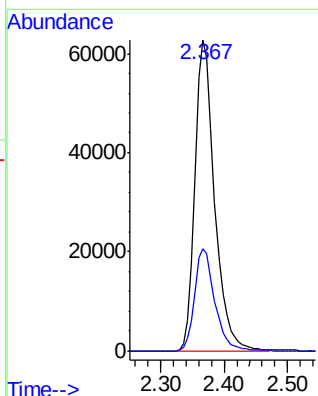
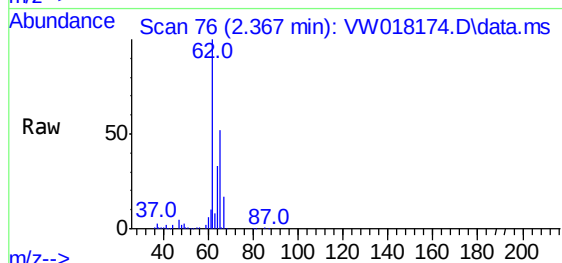




#5
 Vinyl chloride
 Concen: 26.75 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018174.D
 Acq: 16 Feb 2021 19:51

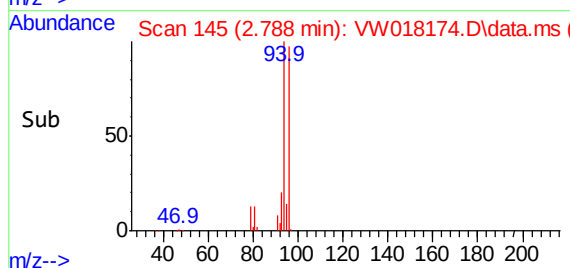
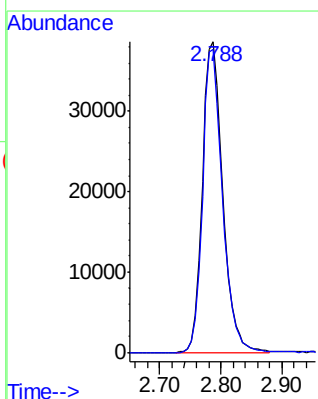
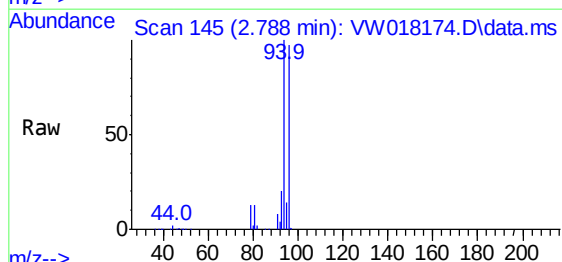
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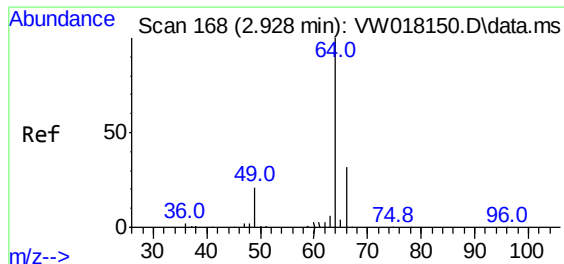
Tgt Ion: 62 Resp: 132903
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.9 44.5



#6
 Bromomethane
 Concen: 25.45 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018174.D
 Acq: 16 Feb 2021 19:51

Tgt Ion: 94 Resp: 89936
 Ion Ratio Lower Upper
 94 100
 96 95.6 9.4 178.0

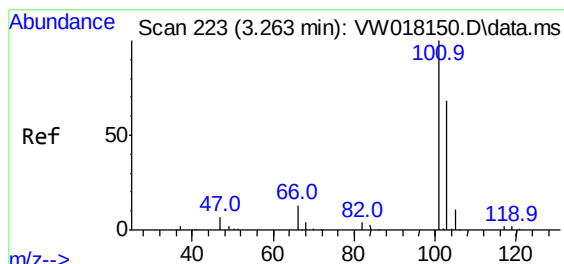
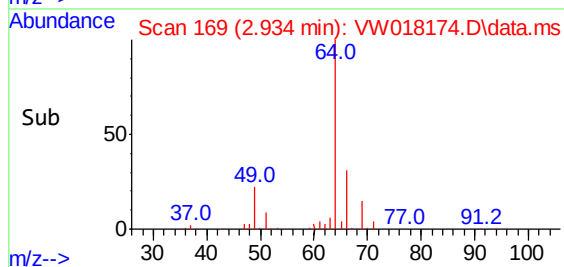
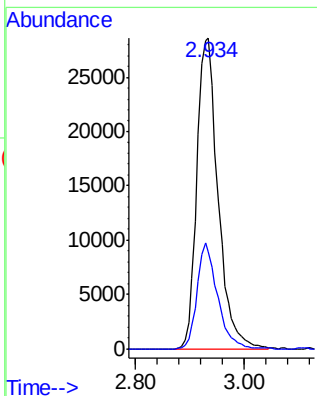
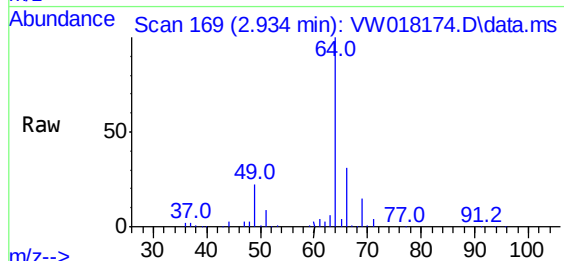




#8
Chloroethane
Concen: 25.93 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

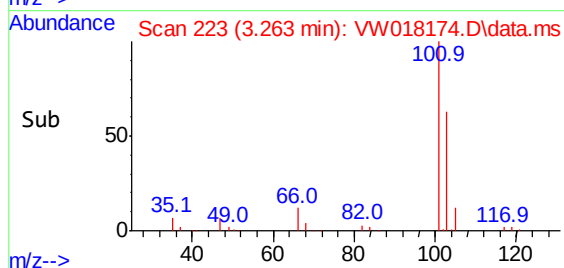
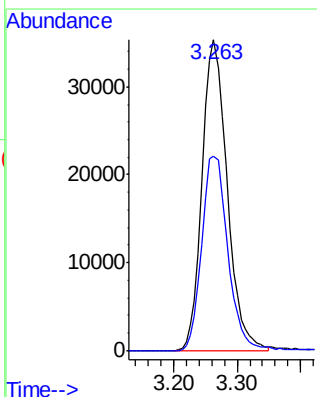
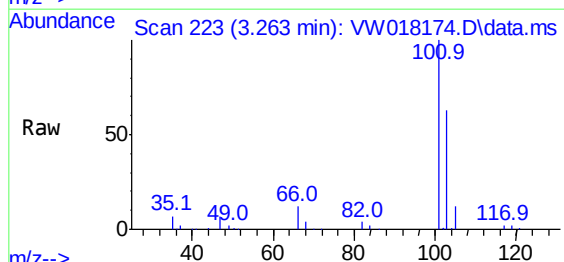
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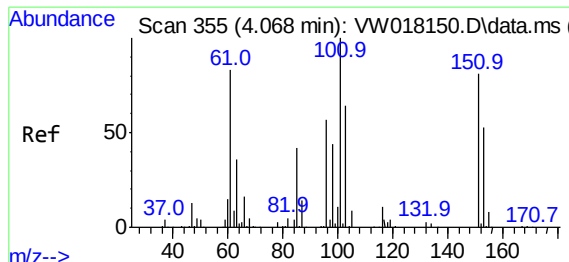
Tgt Ion: 64 Resp: 76996
Ion Ratio Lower Upper
64 100
66 31.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 26.08 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 101 Resp: 93694
Ion Ratio Lower Upper
101 100
103 65.0 45.0 83.6

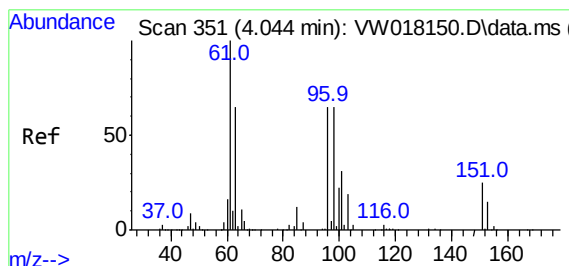
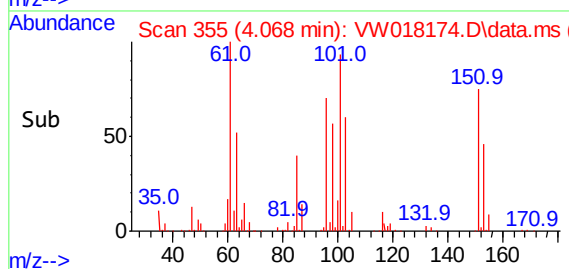
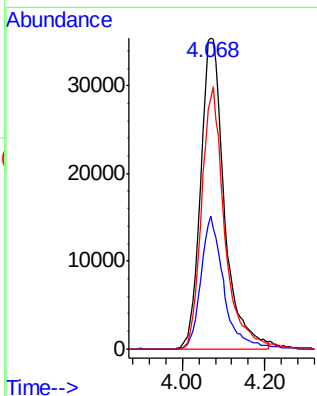
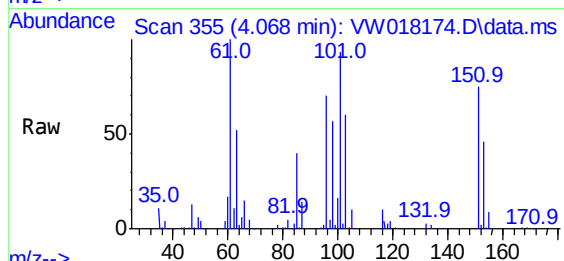




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.56 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018174.D
 Acq: 16 Feb 2021 19:51

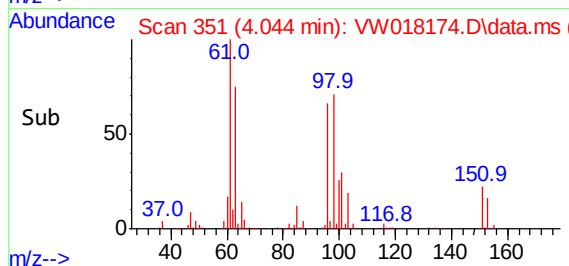
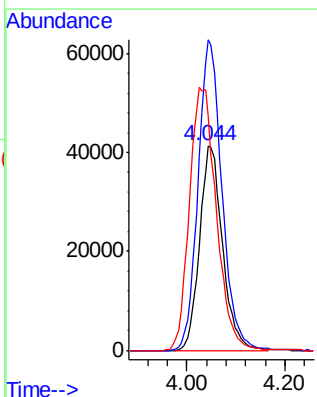
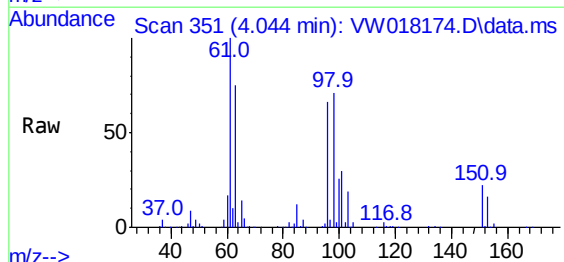
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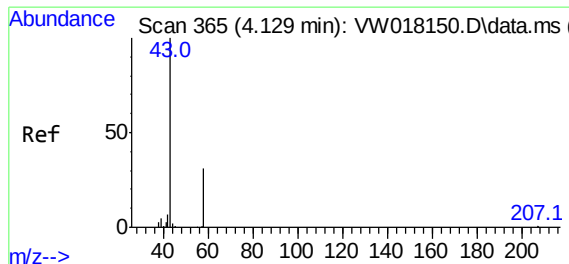
Tgt Ion:101 Resp: 141496
 Ion Ratio Lower Upper
 101 100
 85 40.3 34.2 51.4
 151 80.1 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 27.67 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 133681
 Ion Ratio Lower Upper
 96 100
 61 151.6 112.5 208.9
 63 113.9 83.1 154.3

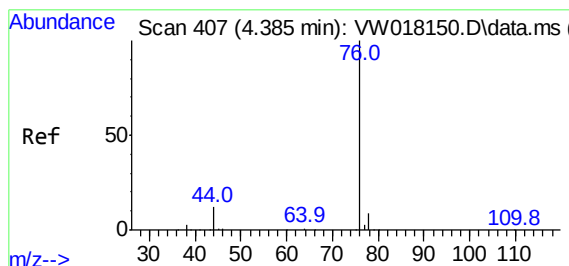
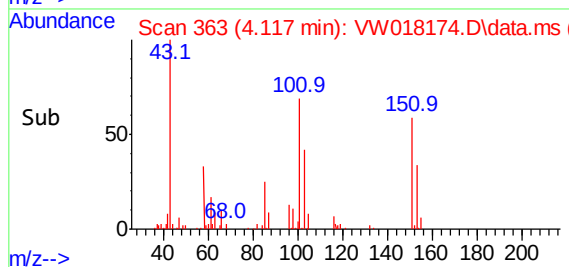
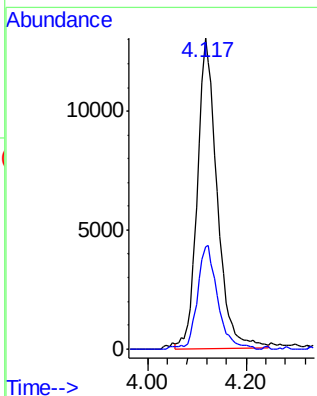
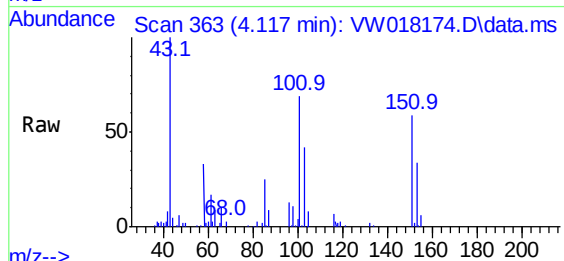




#13
Acetone
Concen: 41.10 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

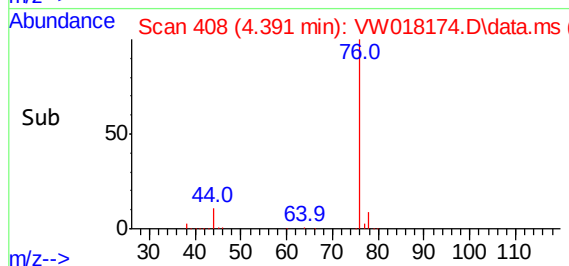
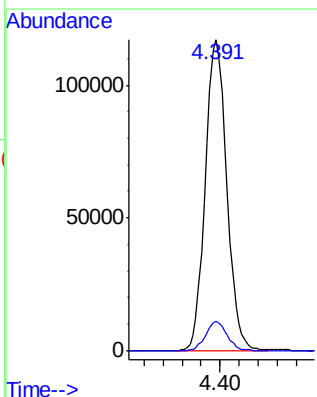
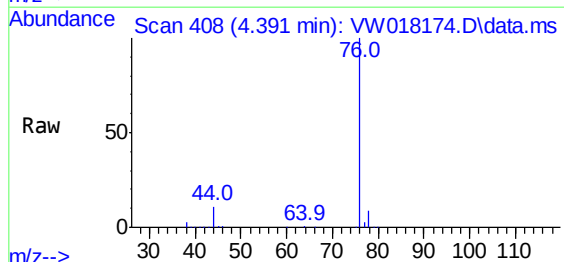
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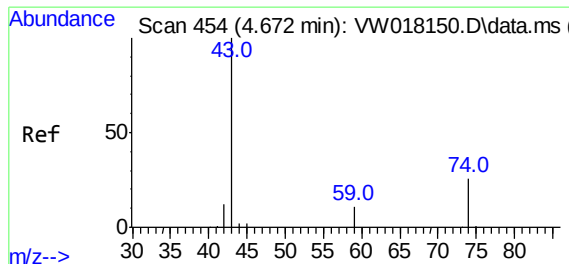
Tgt Ion: 43 Resp: 36458
Ion Ratio Lower Upper
43 100
58 32.4 0.0 68.4



#14
Carbon disulfide
Concen: 25.94 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 364936
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

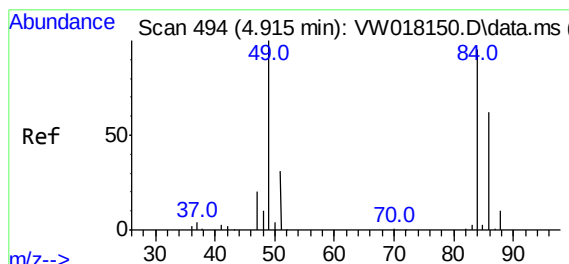
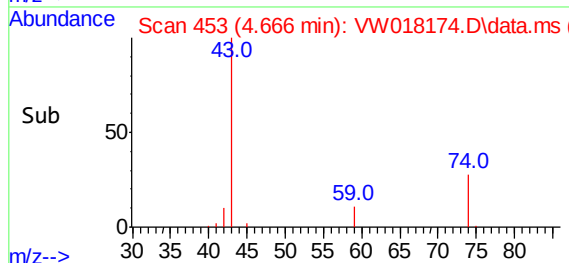
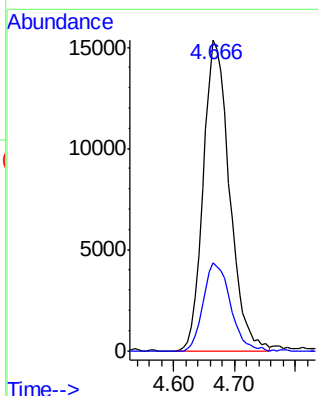
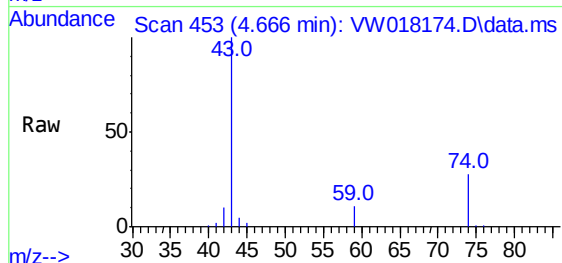




#15
Methyl Acetate
Concen: 23.31 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

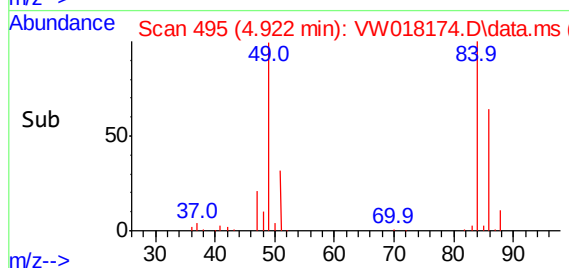
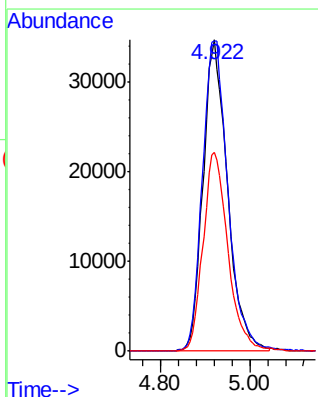
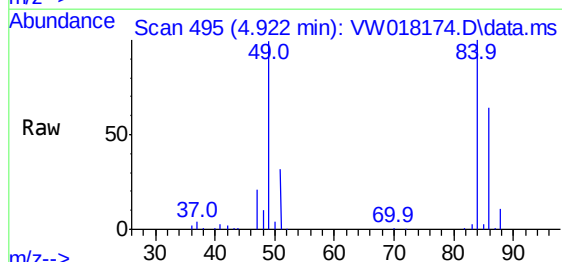
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

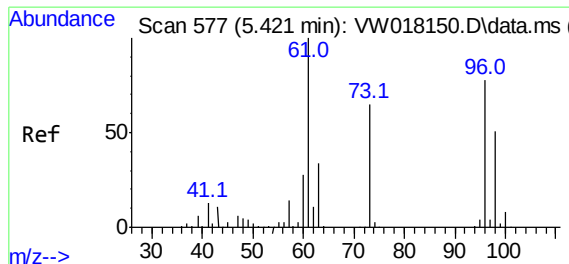
Tgt Ion: 43 Resp: 45880
Ion Ratio Lower Upper
43 100
74 29.0 20.7 31.1



#16
Methylene chloride
Concen: 22.45 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 84 Resp: 130051
Ion Ratio Lower Upper
84 100
49 99.4 81.2 150.8
86 63.6 44.5 82.7

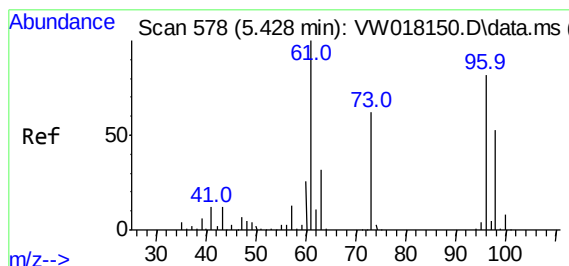
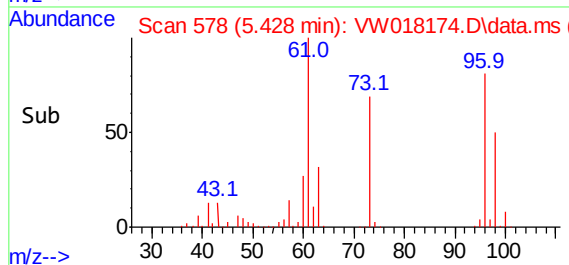
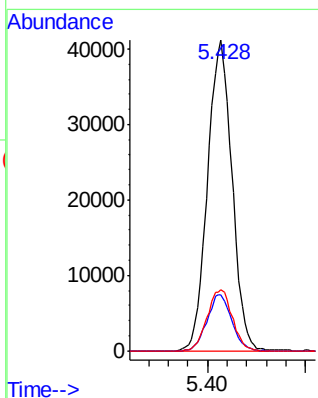
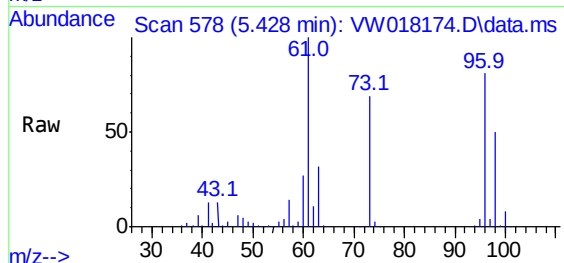




#17
Methyl tert-butyl Ether
Concen: 26.27 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

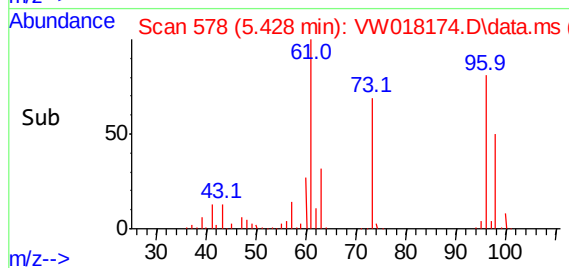
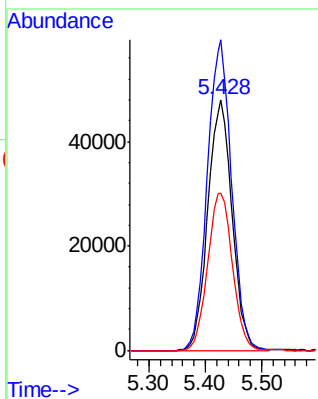
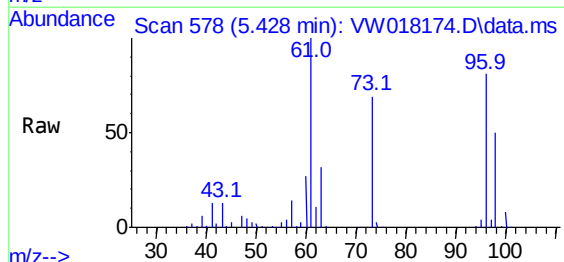
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

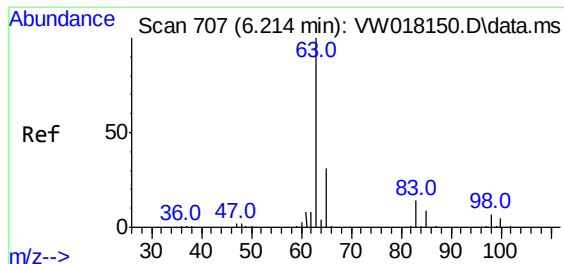
Tgt Ion: 73 Resp: 142439
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 20.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 27.56 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 96 Resp: 142286
Ion Ratio Lower Upper
96 100
61 123.7 92.7 172.1
98 62.3 43.3 80.3

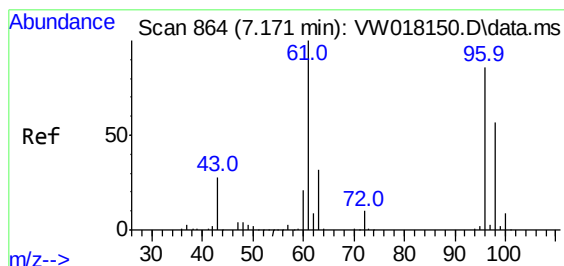
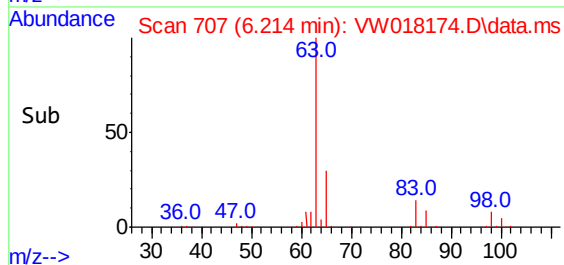
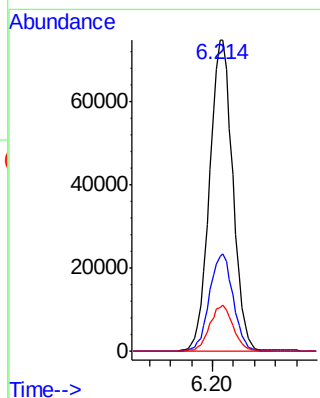
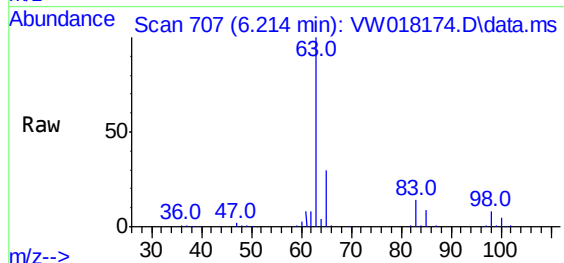




#19
1,1-Dichloroethane
Concen: 27.24 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

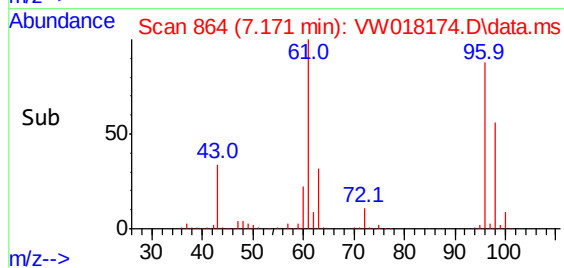
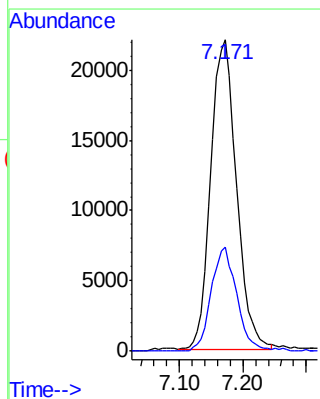
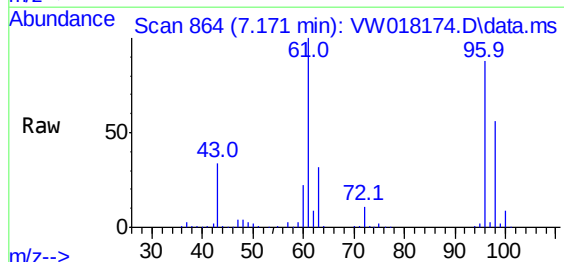
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

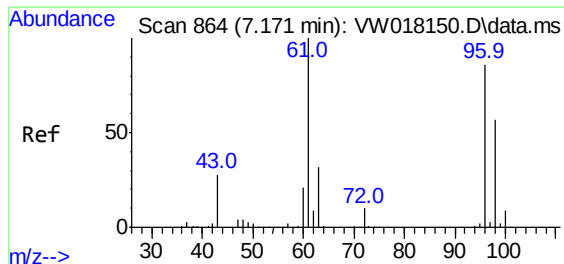
Tgt Ion: 63 Resp: 226929
Ion Ratio Lower Upper
63 100
65 30.5 21.9 40.7
83 13.8 9.4 17.6



#21
2-Butanone
Concen: 44.68 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 43 Resp: 60331
Ion Ratio Lower Upper
43 100
72 32.7 14.4 43.2

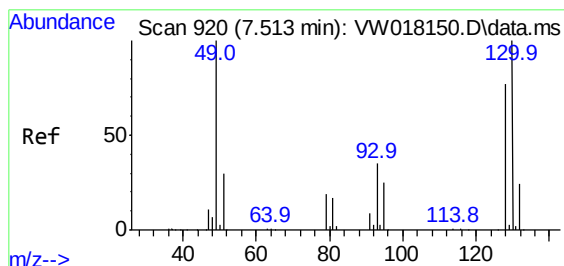
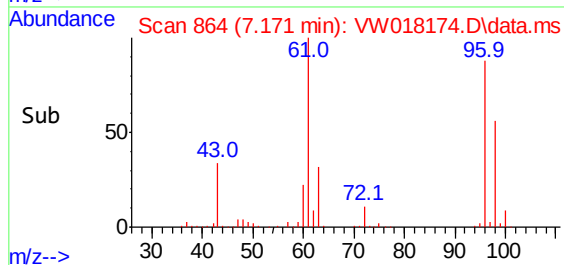
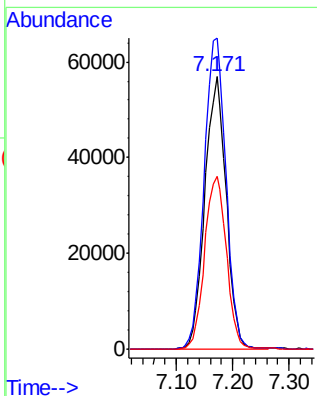
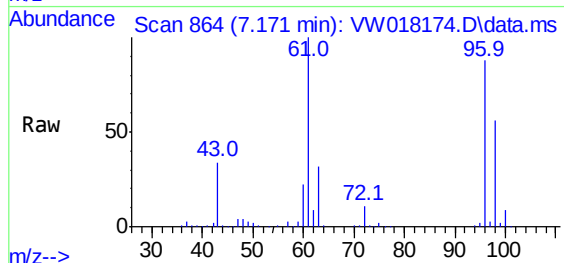




#22
cis-1,2-Dichloroethene
Concen: 27.65 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

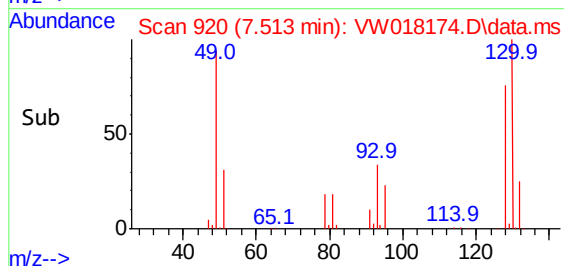
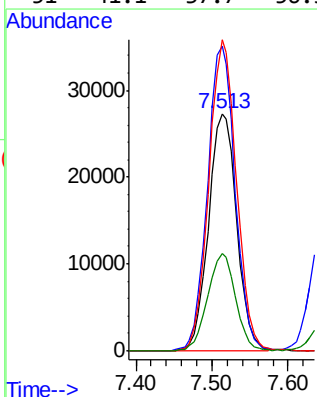
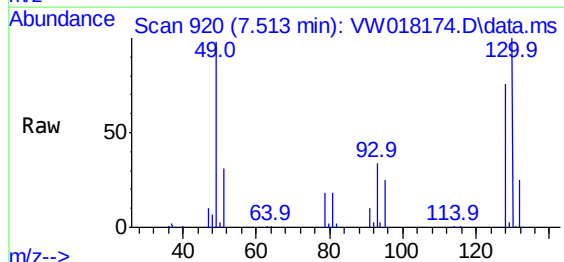
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

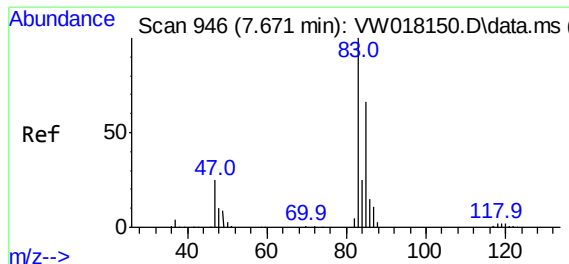
Tgt Ion: 96 Resp: 148017
Ion Ratio Lower Upper
96 100
61 114.1 84.6 157.2
98 63.5 44.7 82.9



#23
Bromochloromethane
Concen: 27.13 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 128 Resp: 69832
Ion Ratio Lower Upper
128 100
49 128.5 101.6 188.6
130 131.0 90.4 167.8
51 41.1 37.7 56.5

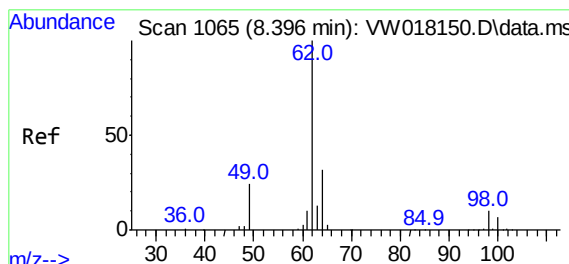
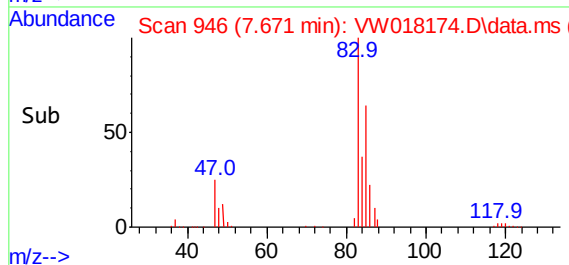
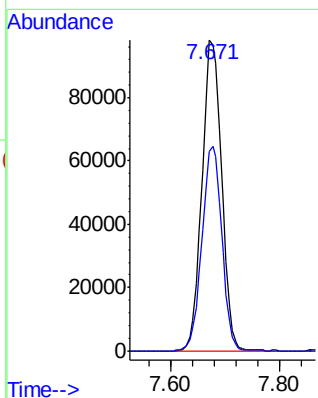
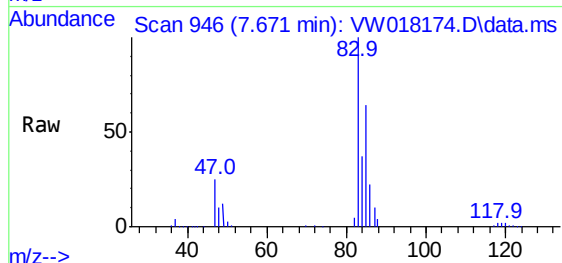




#25
Chloroform
Concen: 26.94 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

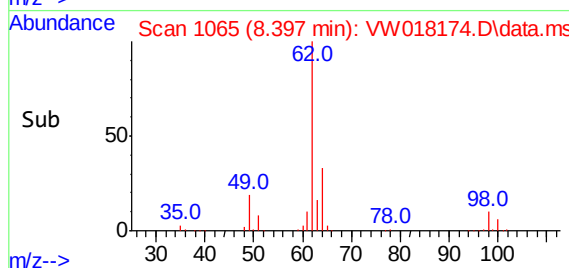
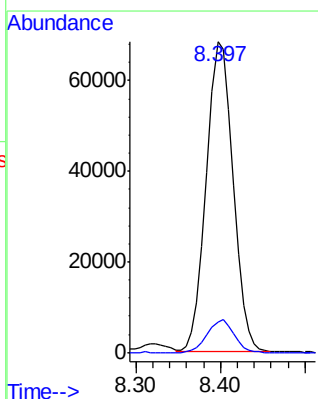
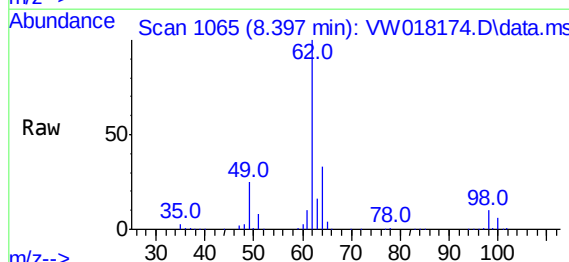
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

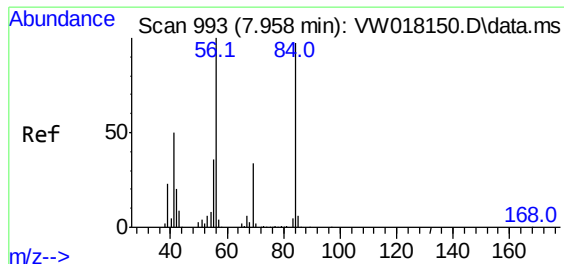
Tgt Ion: 83 Resp: 244963
Ion Ratio Lower Upper
83 100
85 66.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.89 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 62 Resp: 146896
Ion Ratio Lower Upper
62 100
98 9.7 8.0 12.0

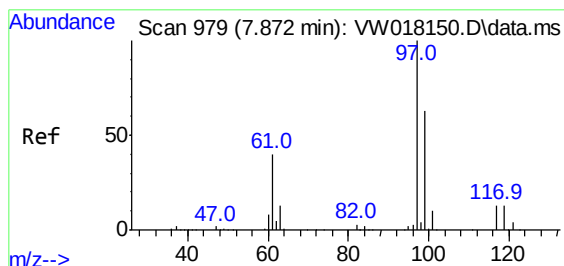
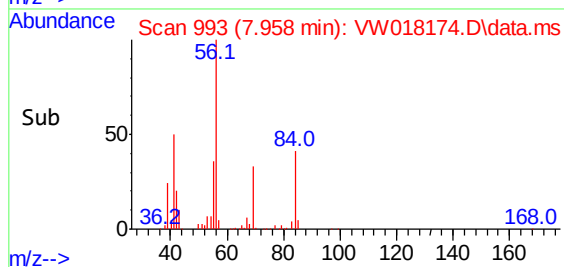
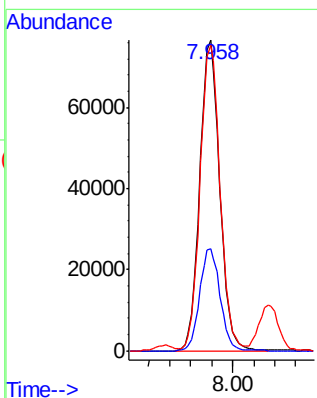
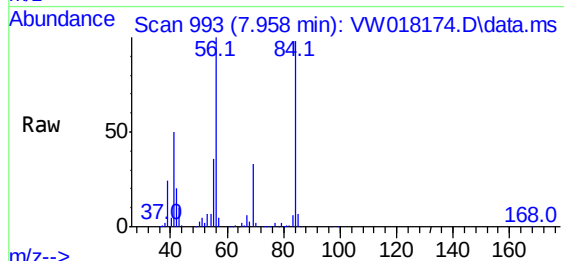




#30
Cyclohexane
Concen: 26.78 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

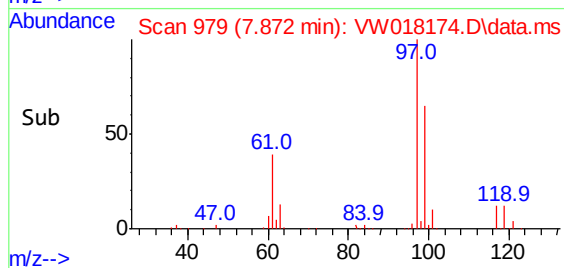
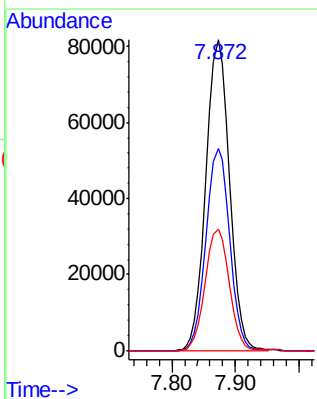
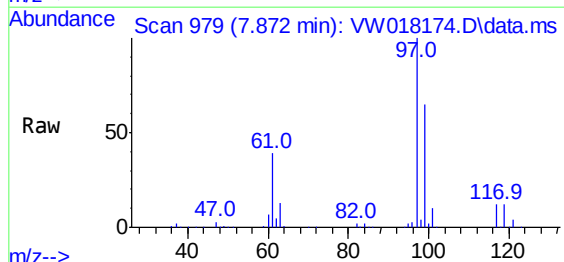
Instrument :
MSVOA_W
ClientSampleId :
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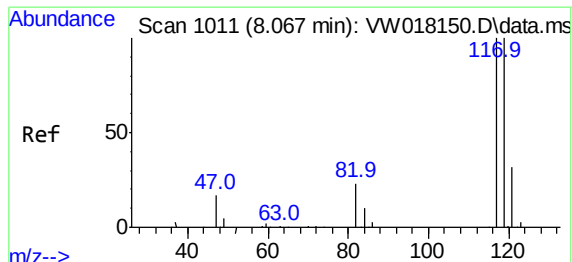
Tgt Ion: 56 Resp: 201683
Ion Ratio Lower Upper
56 100
69 33.6 24.8 37.2
84 98.7 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 27.90 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 97 Resp: 203708
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 39.9 33.6 50.4

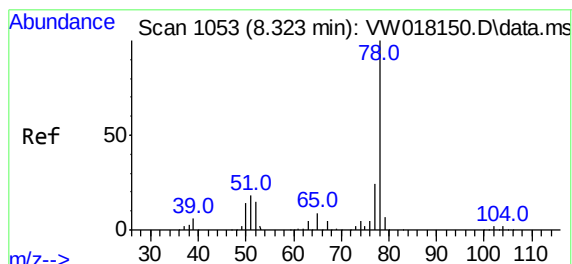
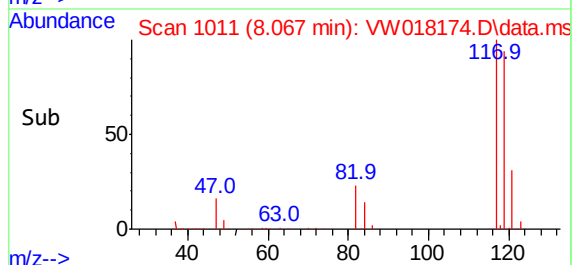
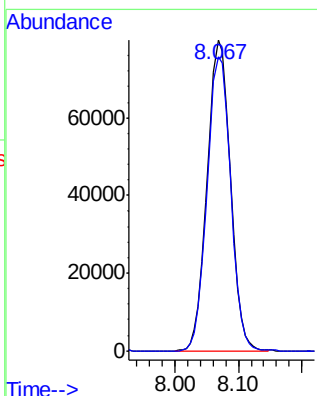
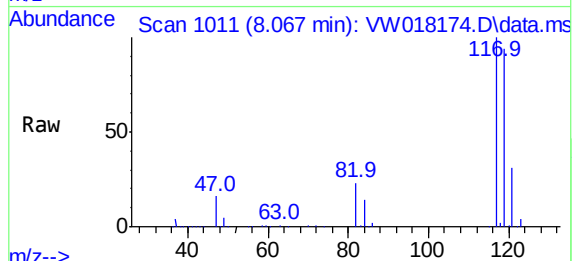




#32
Carbon tetrachloride
Concen: 27.76 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

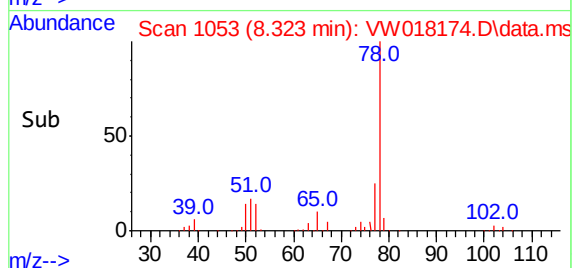
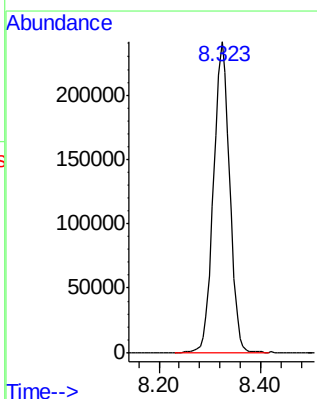
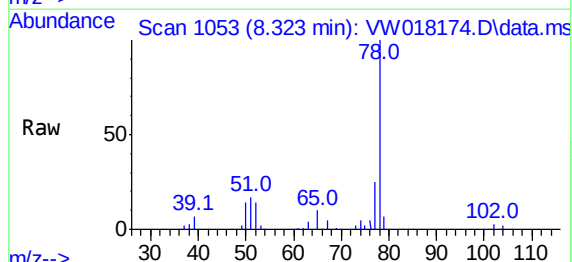
Instrument :
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ClientSampleId :
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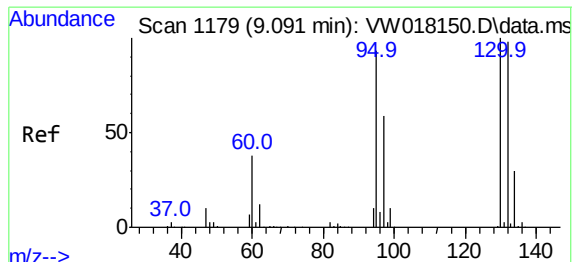
Tgt Ion:117 Resp: 196303
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8



#34
Benzene
Concen: 27.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 78 Resp: 530915

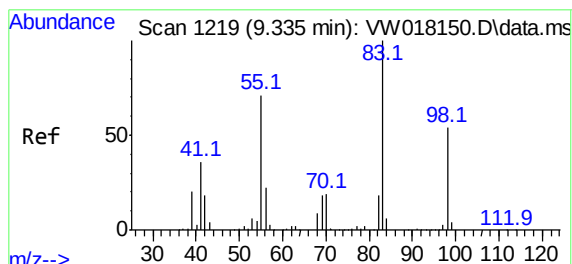
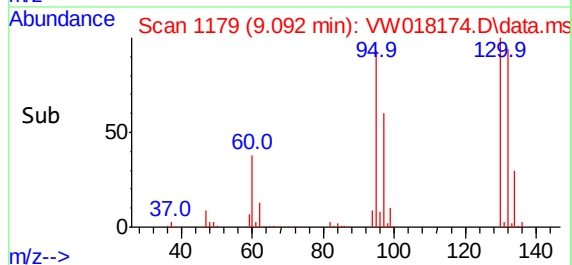
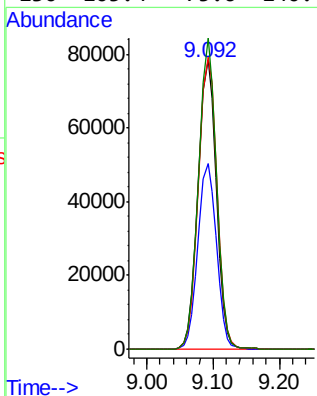
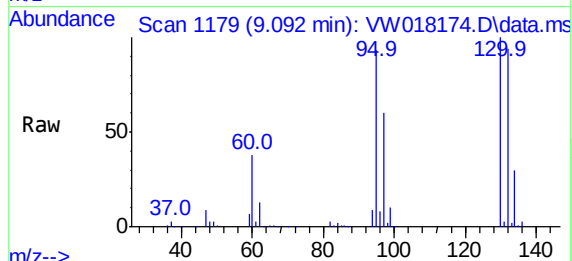




#35
Trichloroethene
Concen: 27.65 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

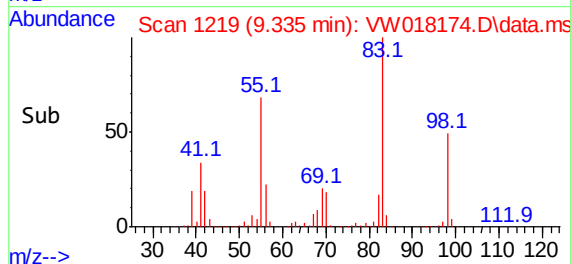
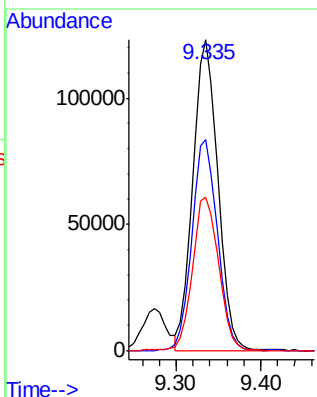
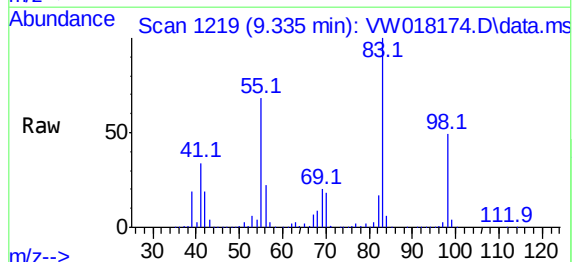
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

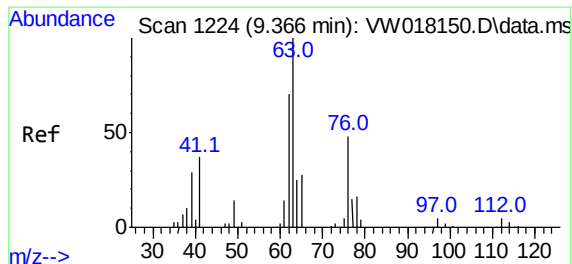
Tgt Ion: 95 Resp: 149961
Ion Ratio Lower Upper
95 100
97 65.3 45.0 83.6
132 102.4 71.0 131.8
130 105.4 75.6 140.4



#36
Methylcyclohexane
Concen: 26.98 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 83 Resp: 246058
Ion Ratio Lower Upper
83 100
55 69.0 59.4 89.0
98 51.5 40.7 61.1

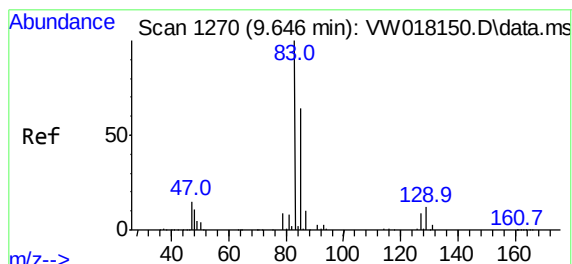
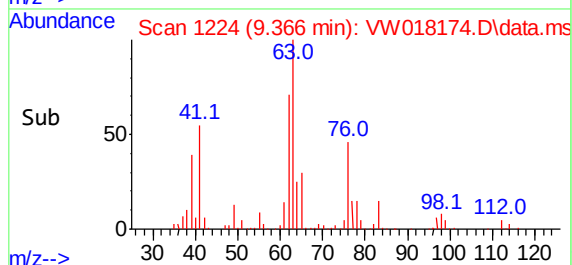
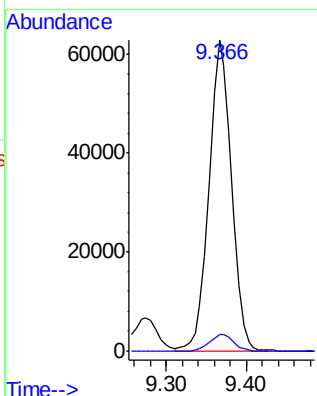
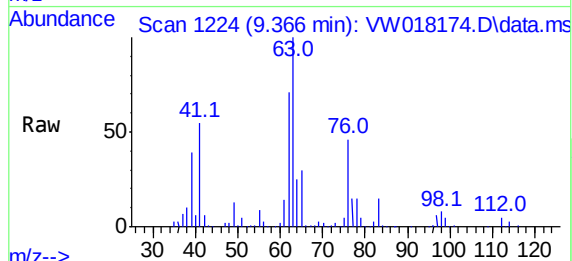




#40
1,2-Dichloropropane
Concen: 27.73 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

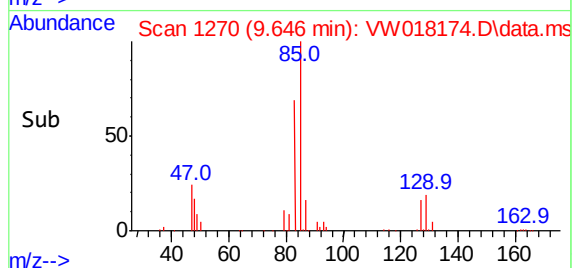
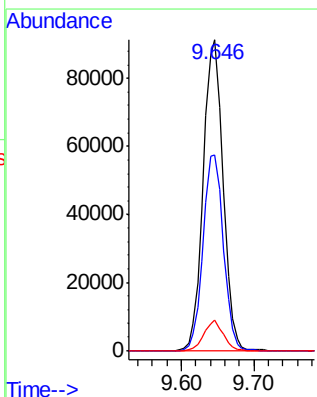
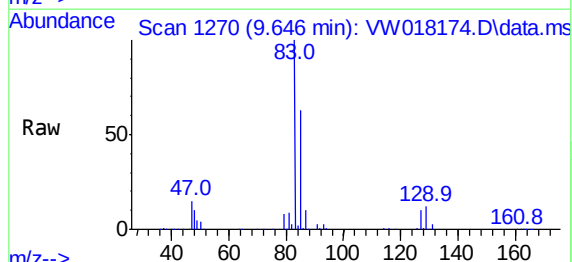
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

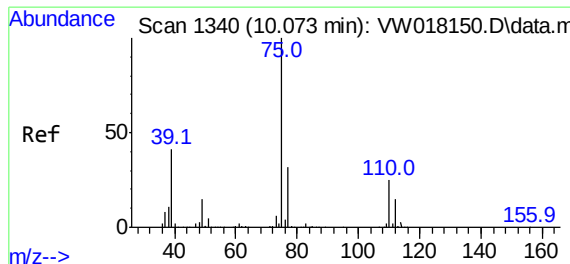
Tgt Ion: 63 Resp: 122465
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.4



#41
Bromodichloromethane
Concen: 27.40 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 83 Resp: 173257
Ion Ratio Lower Upper
83 100
85 62.8 46.8 86.8
127 9.7 7.6 11.4

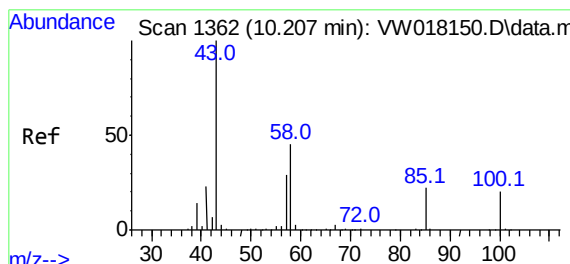
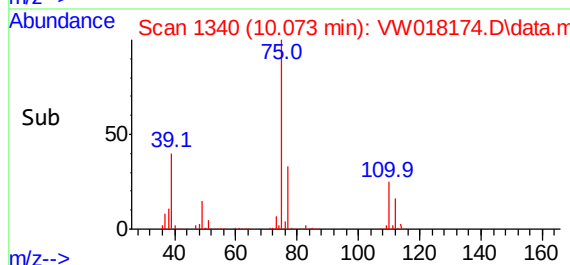
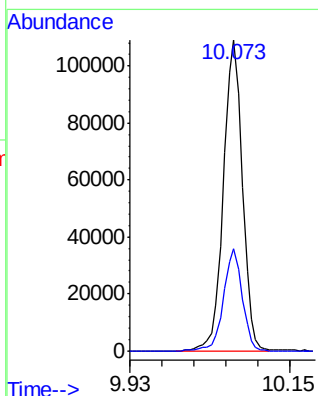
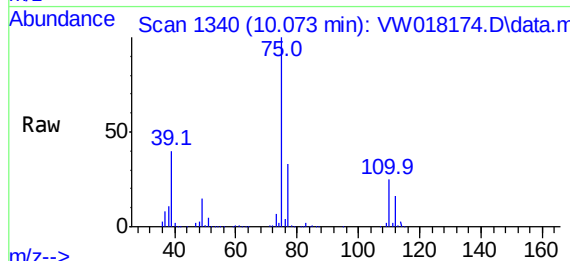




#42
cis-1,3-Dichloropropene
Concen: 27.59 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

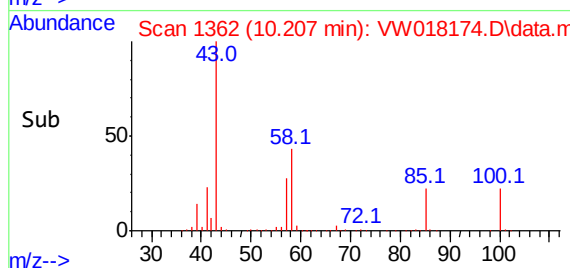
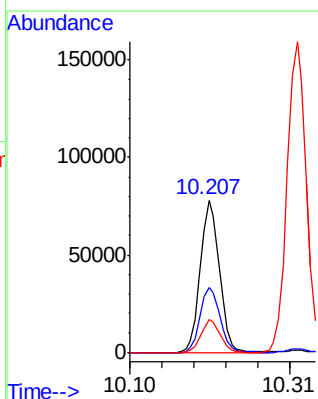
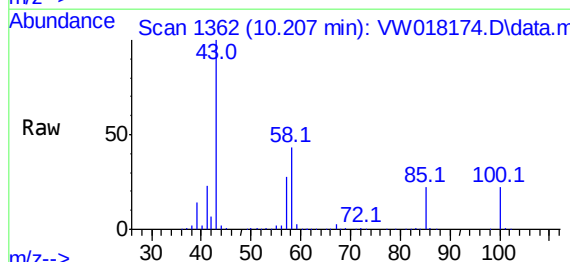
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

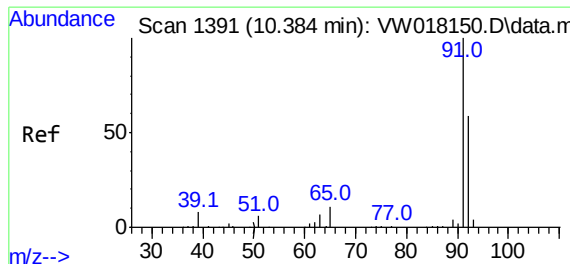
Tgt Ion: 75 Resp: 196393
Ion Ratio Lower Upper
75 100
77 33.0 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 49.31 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 43 Resp: 135400
Ion Ratio Lower Upper
43 100
58 44.1 31.6 47.4
100 21.3 14.1 21.1#

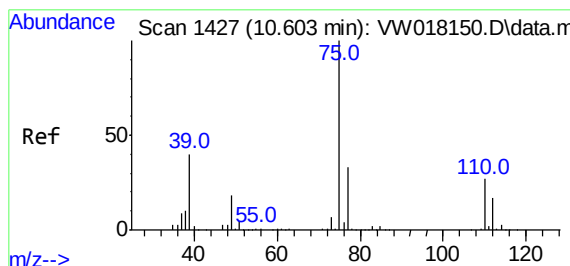
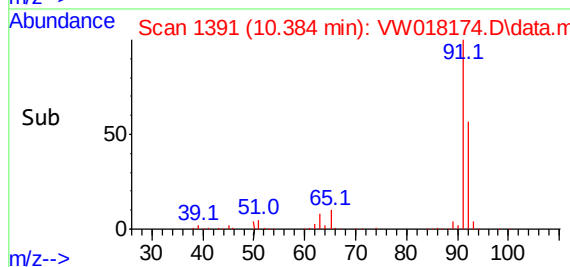
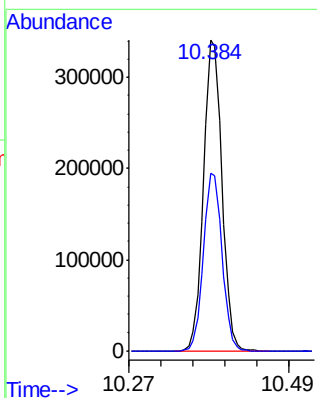
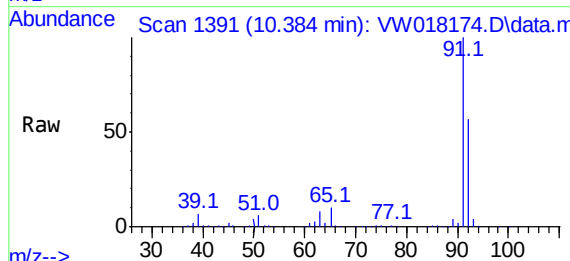




#44
Toluene
Concen: 28.23 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

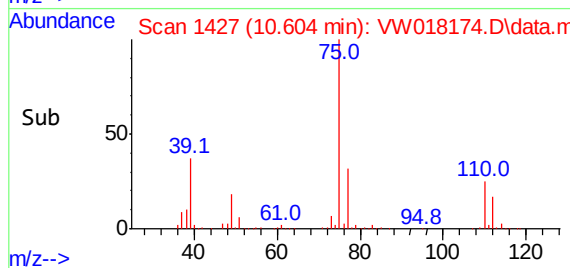
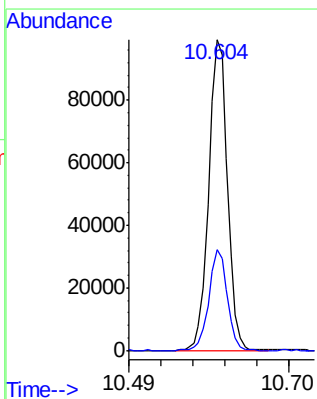
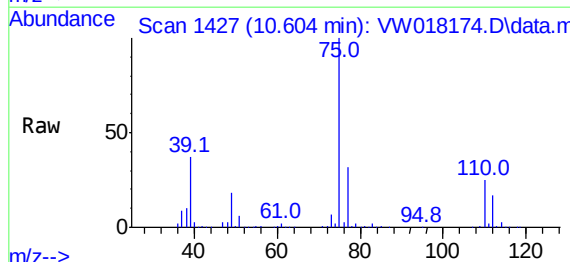
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

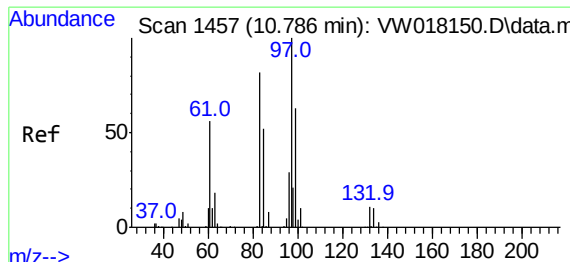
Tgt Ion: 91 Resp: 598088
Ion Ratio Lower Upper
91 100
92 57.2 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 27.21 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 75 Resp: 168562
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



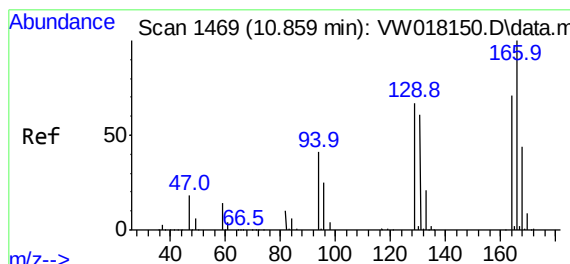
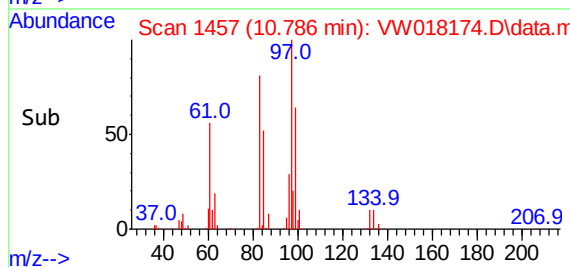
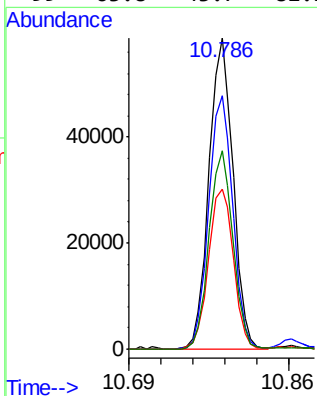
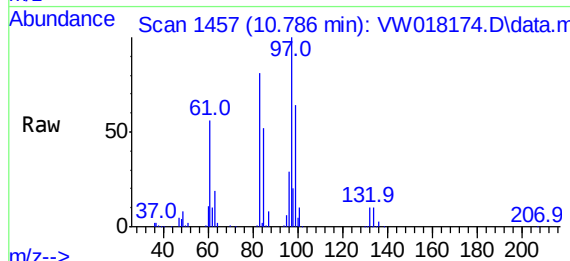


#46
1,1,2-Trichloroethane
Concen: 26.87 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 97 Resp: 101283

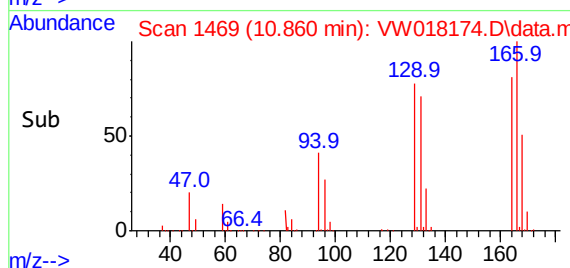
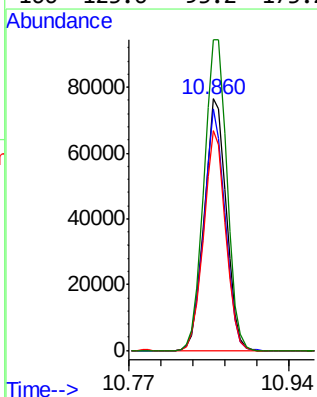
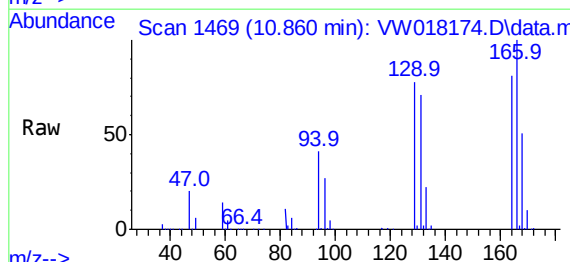
Ion	Ratio	Lower	Upper
97	100		
83	81.4	58.5	108.7
85	51.5	37.8	70.2
99	63.8	43.7	81.1

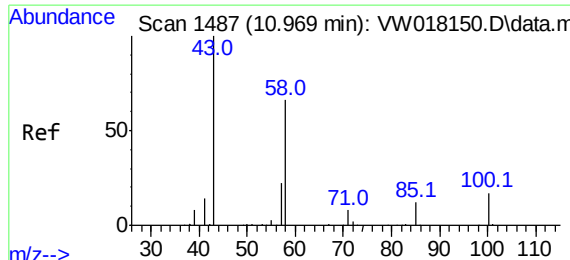


#47
Tetrachloroethene
Concen: 28.27 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 164 Resp: 130538

Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.6	125.6
131	87.6	65.2	121.2
166	123.6	93.2	173.2



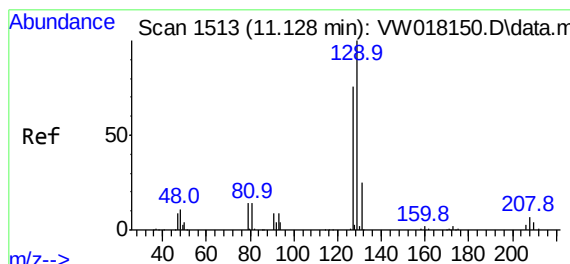
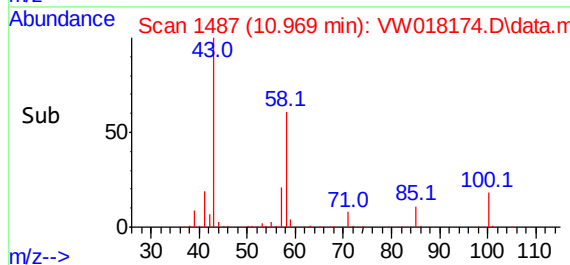
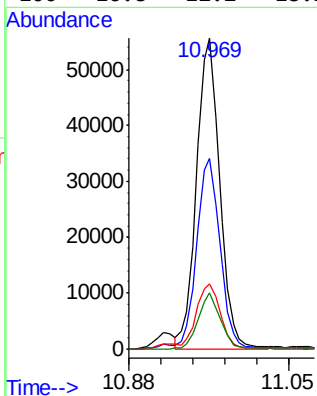
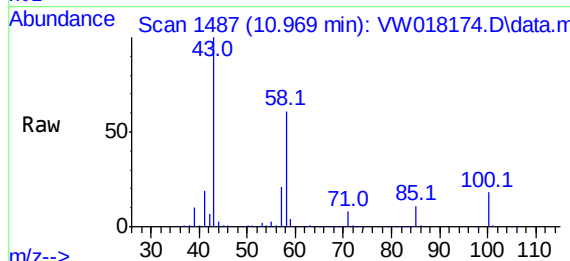


#49
2-Hexanone
Concen: 49.02 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion: 43 Resp: 93551

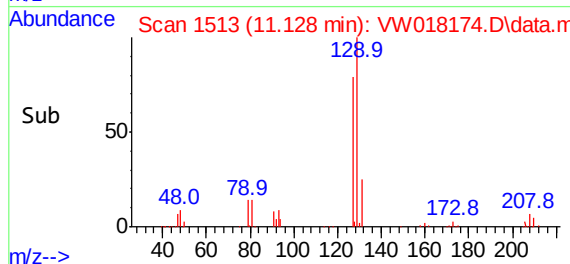
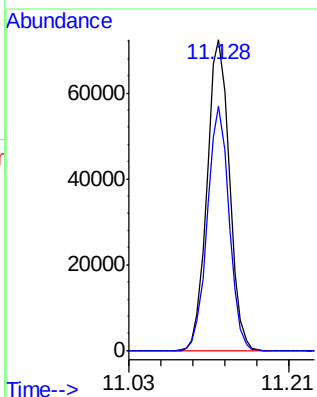
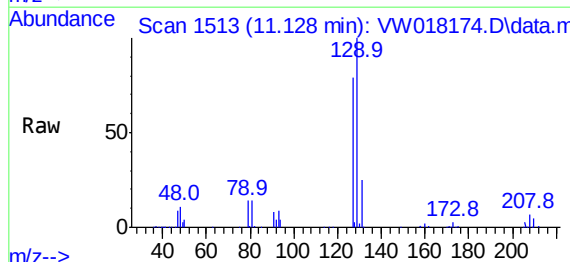
Ion	Ratio	Lower	Upper
43	100		
58	61.5	51.3	76.9
57	21.3	15.0	22.6
100	16.8	12.2	18.2

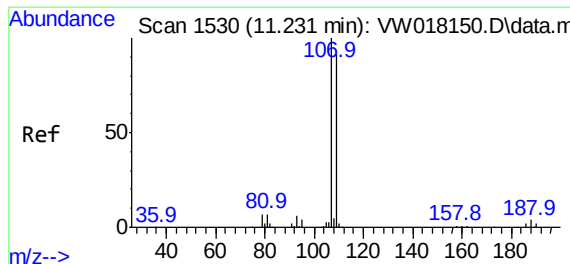


#50
Dibromochloromethane
Concen: 27.92 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 129 Resp: 126098

Ion	Ratio	Lower	Upper
129	100		
127	78.7	53.2	98.8

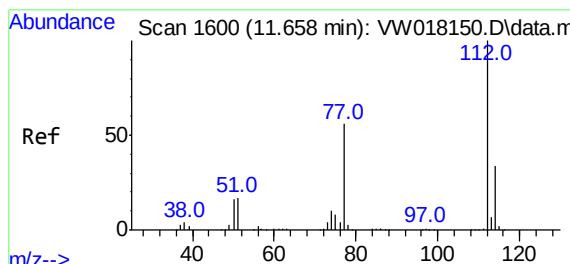
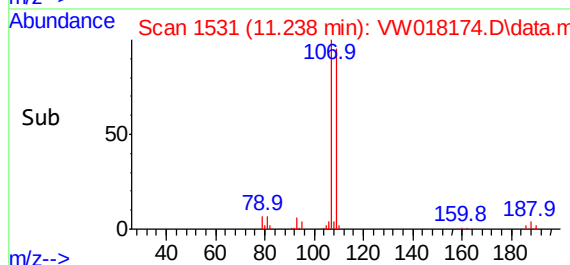
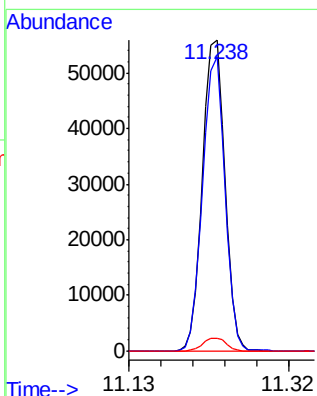
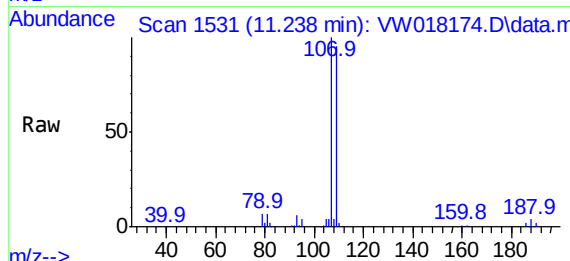




#51
1,2-Dibromoethane
Concen: 26.41 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

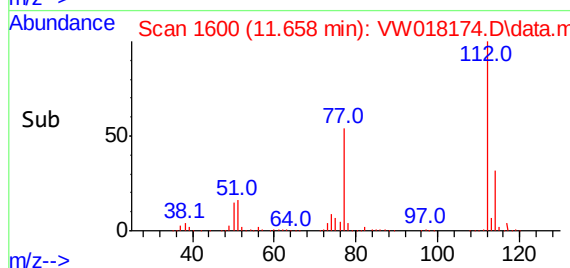
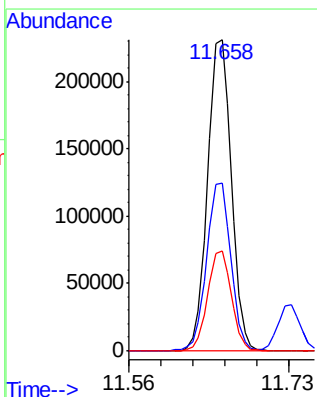
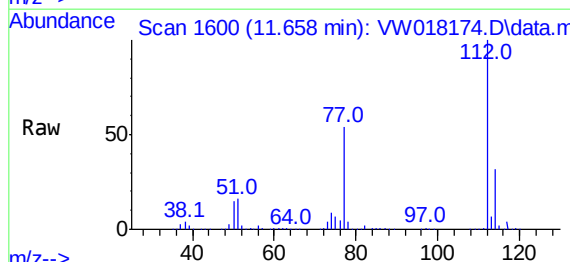
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

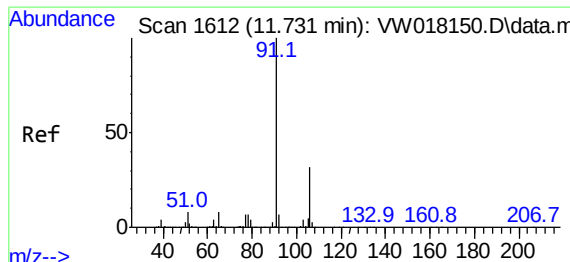
Tgt Ion:107 Resp: 99325
Ion Ratio Lower Upper
107 100
109 94.6 66.4 123.2
188 4.2 4.0 6.0



#52
Chlorobenzene
Concen: 28.27 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion:112 Resp: 394546
Ion Ratio Lower Upper
112 100
77 54.1 42.6 64.0
114 32.1 21.6 40.2





#53

Ethylbenzene

Concen: 27.76 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW018174.D

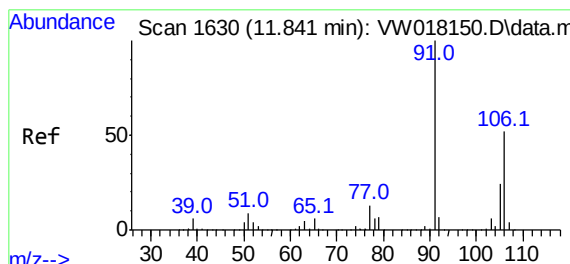
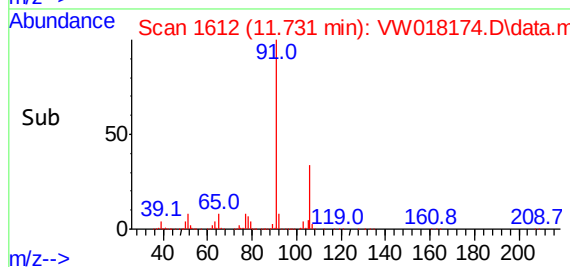
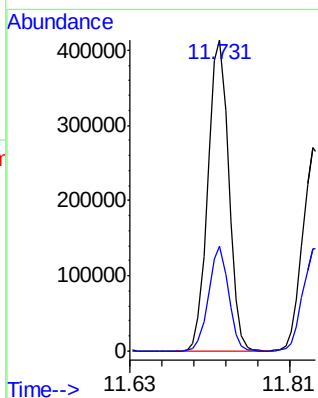
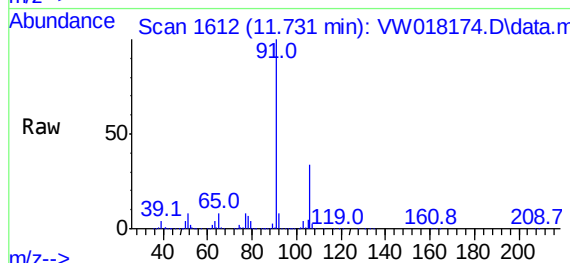
Acq: 16 Feb 2021 19:51

Tgt Ion: 91 Resp: 668277

Ion Ratio Lower Upper

91 100

106 33.5 21.1 39.1



#54

m,p-Xylene

Concen: 28.43 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VW018174.D

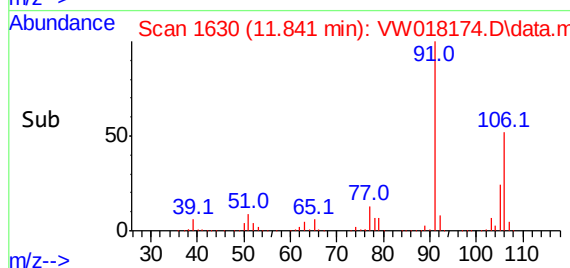
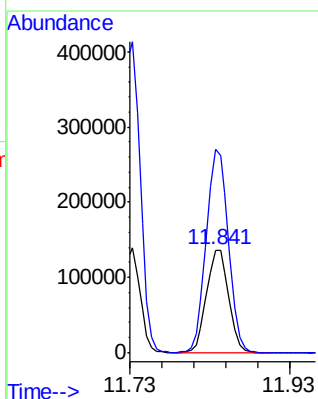
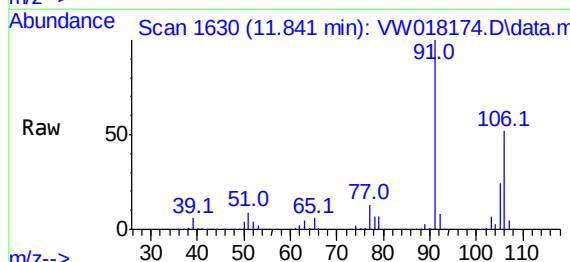
Acq: 16 Feb 2021 19:51

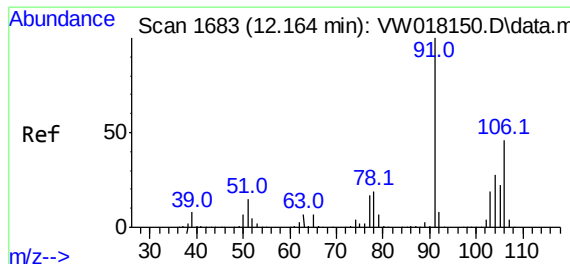
Tgt Ion: 106 Resp: 260939

Ion Ratio Lower Upper

106 100

91 191.3 136.4 253.4

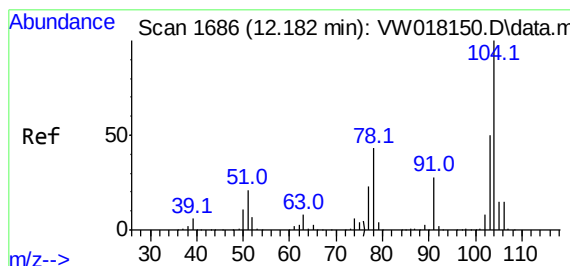
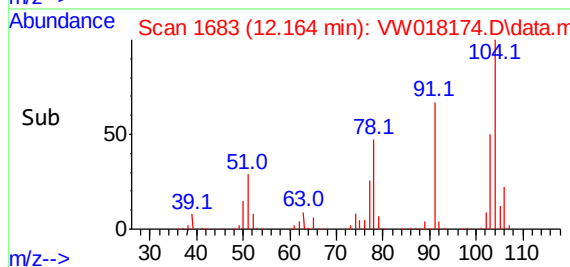
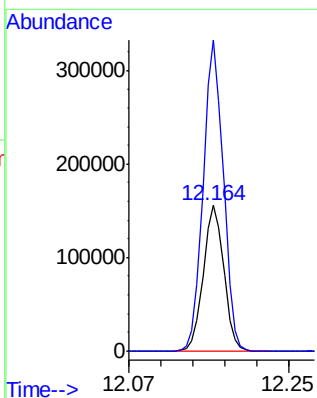
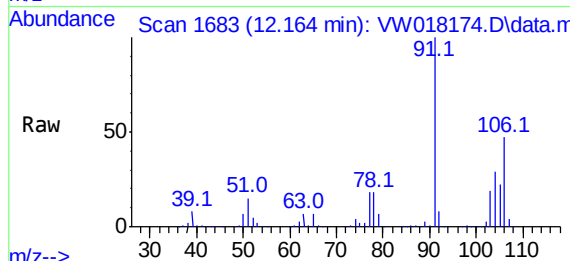




#55
o-xylene
Concen: 28.29 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

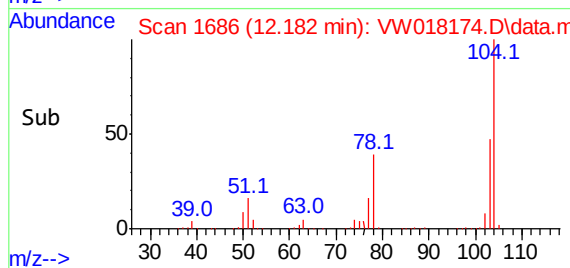
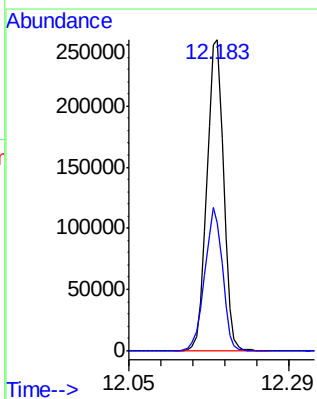
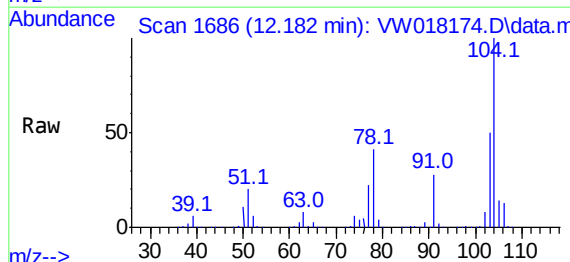
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

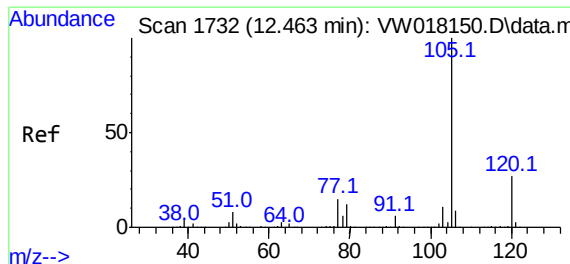
Tgt Ion:106 Resp: 246337
Ion Ratio Lower Upper
106 100
91 214.1 147.6 274.2



#56
Styrene
Concen: 28.51 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion:104 Resp: 422189
Ion Ratio Lower Upper
104 100
78 41.2 31.3 58.1

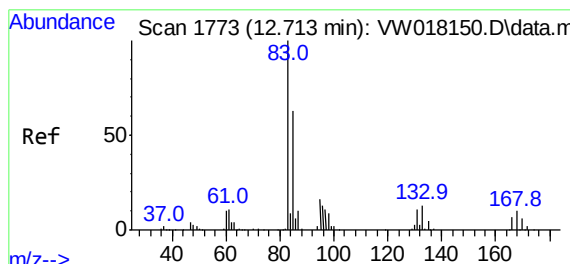
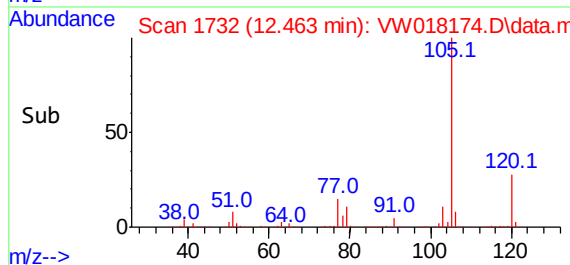
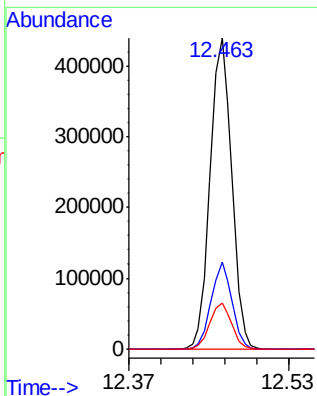
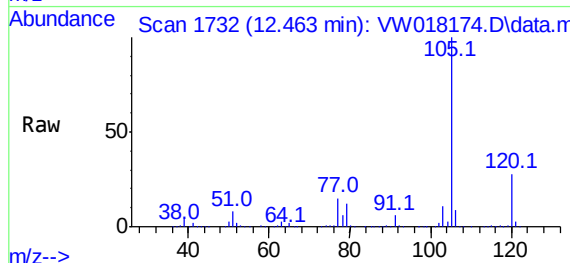




#57
Isopropylbenzene
Concen: 28.15 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

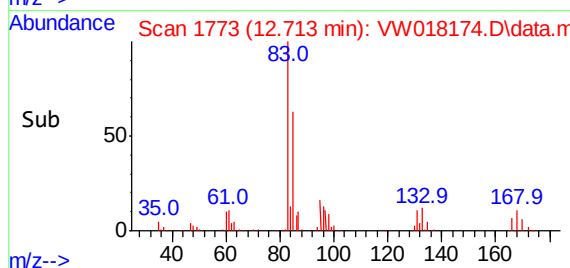
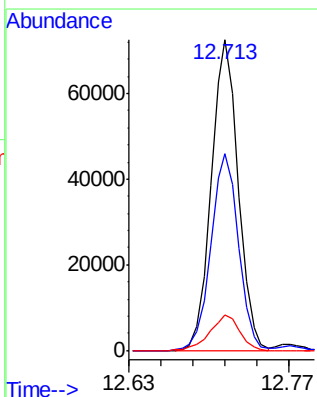
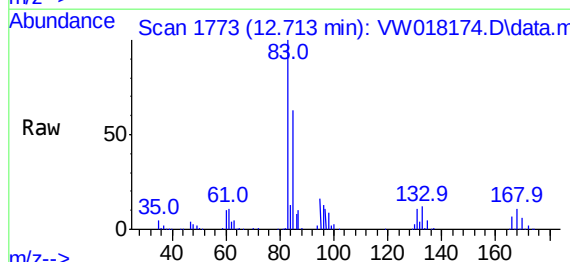
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

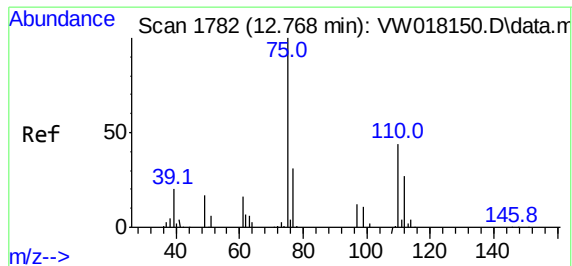
Tgt Ion:105 Resp: 682677
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.7 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 26.04 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 83 Resp: 116139
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1
131 11.5 8.3 12.5

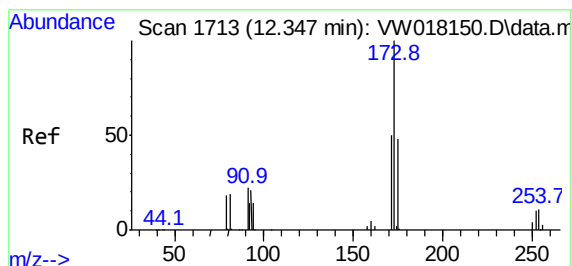
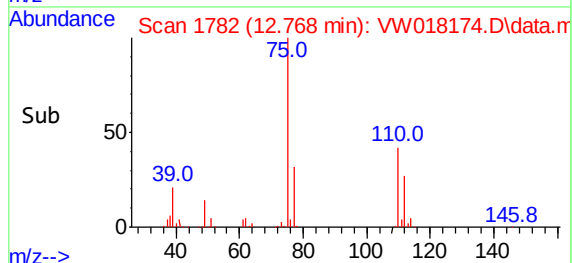
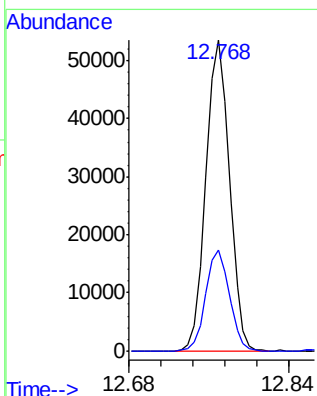
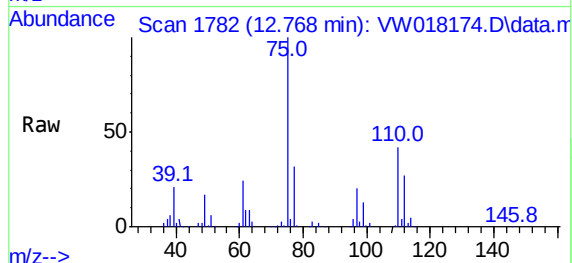




#59
1,2,3-Trichloropropane
Concen: 25.39 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

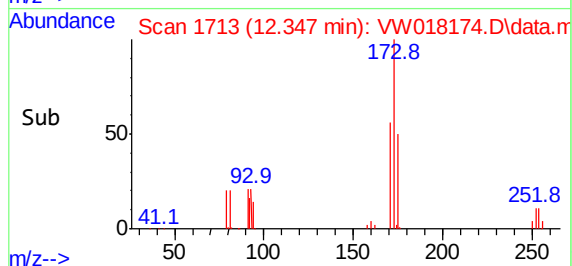
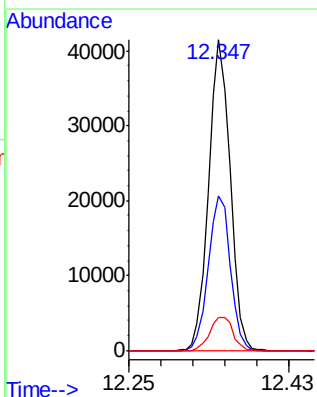
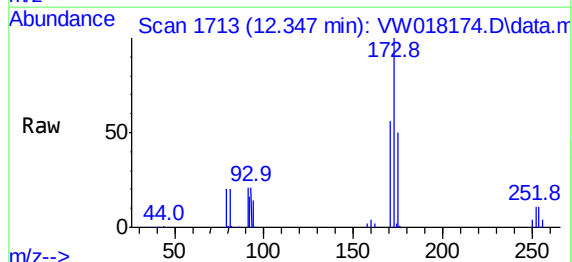
Instrument :
MSVOA_W
ClientSampled :
VSTD02526

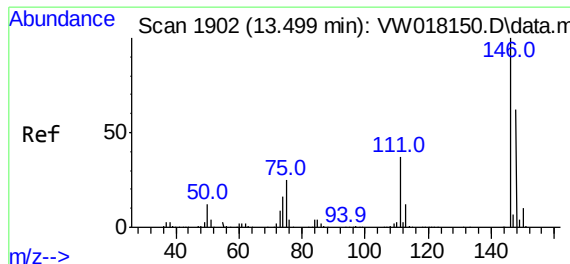
Tgt Ion: 75 Resp: 85774
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8



#62
Bromoform
Concen: 25.37 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 173 Resp: 69278
Ion Ratio Lower Upper
173 100
175 50.9 39.1 58.7
254 11.3 7.1 10.7#

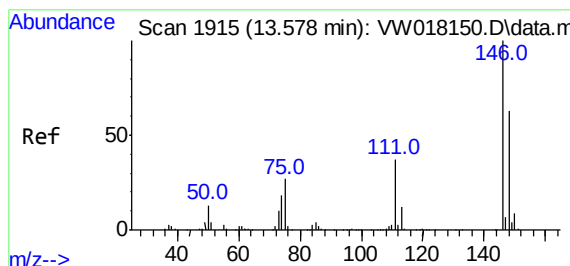
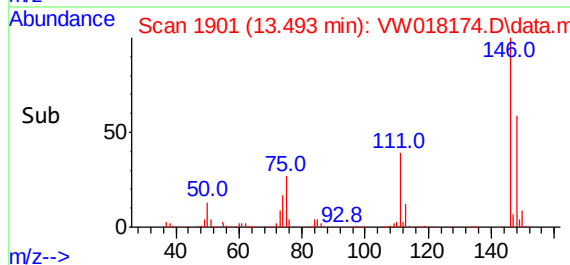
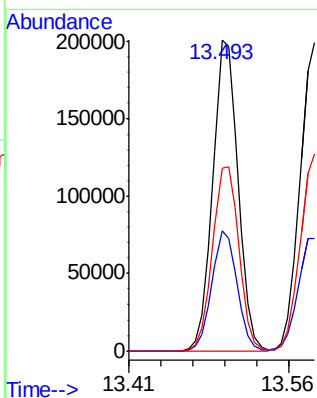
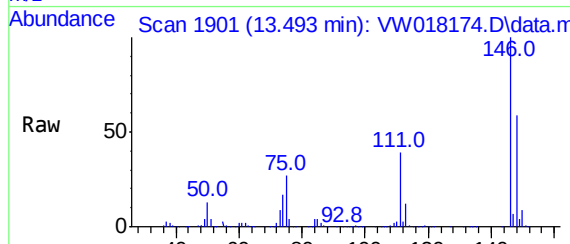




#63
1,3-Dichlorobenzene
Concen: 28.55 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

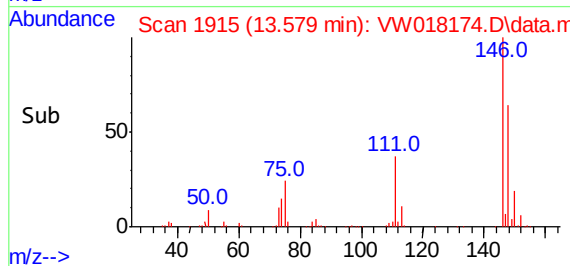
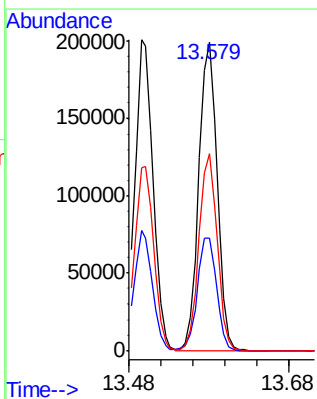
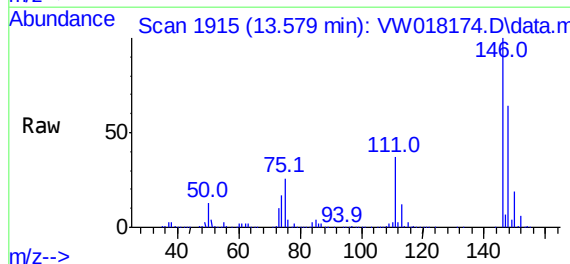
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

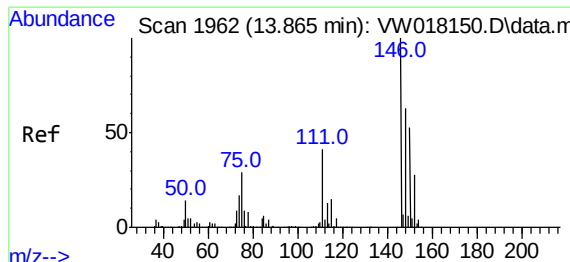
Tgt Ion:146 Resp: 322434
Ion Ratio Lower Upper
146 100
111 38.6 28.5 52.9
148 58.6 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 27.84 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion:146 Resp: 316257
Ion Ratio Lower Upper
146 100
111 36.6 27.7 51.5
148 64.0 47.0 87.2

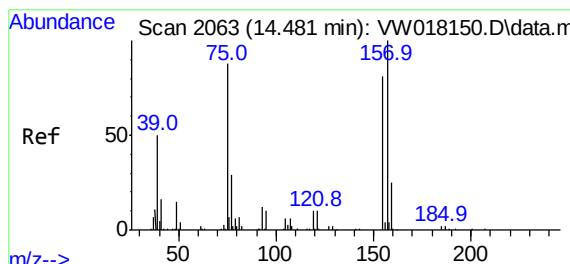
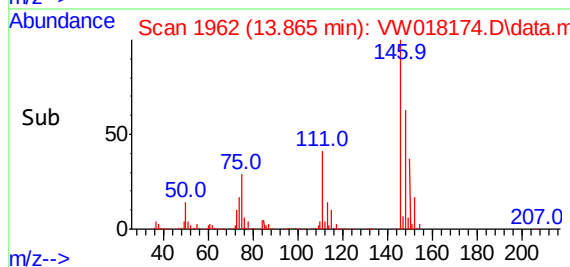
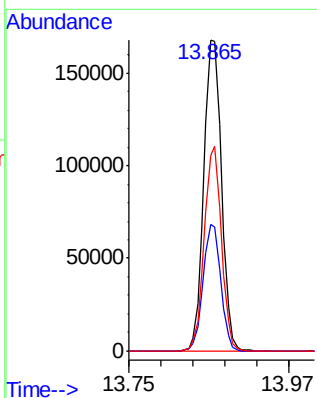
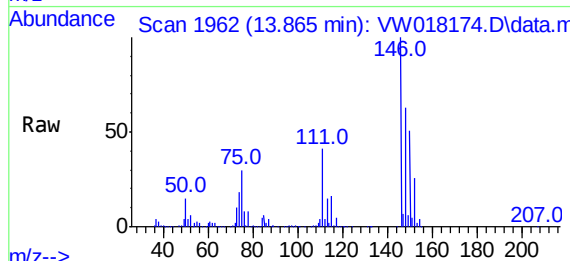




#65
1,2-Dichlorobenzene
Concen: 27.90 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

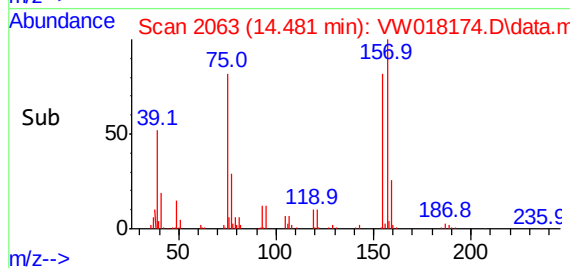
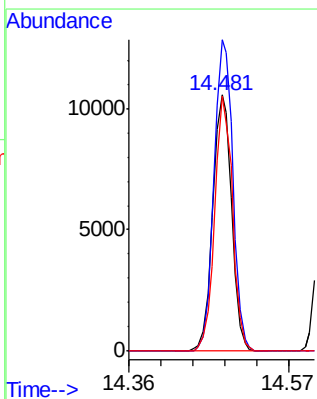
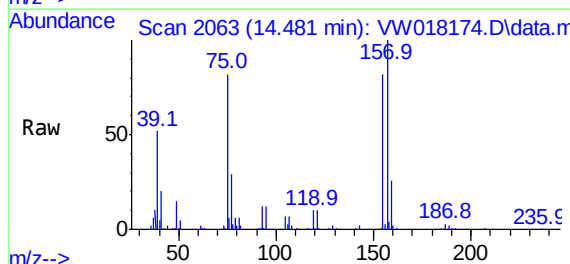
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

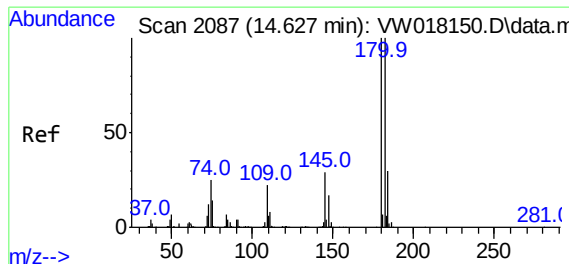
Tgt Ion:146 Resp: 284159
Ion Ratio Lower Upper
146 100
111 40.7 31.7 47.5
148 63.1 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 23.43 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion: 75 Resp: 18074
Ion Ratio Lower Upper
75 100
157 121.6 99.9 149.9
155 99.5 71.4 107.0



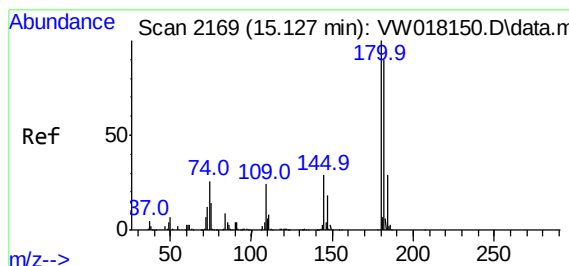
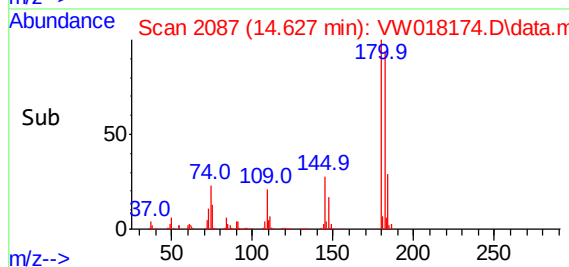
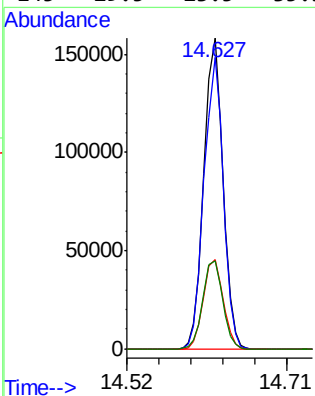
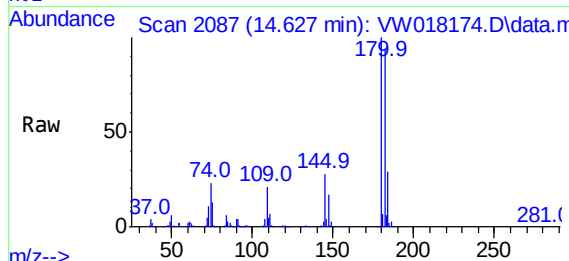


#67
 1,3,5-Trichlorobenzene
 Concen: 27.49 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018174.D
 Acq: 16 Feb 2021 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Tgt Ion:180 Resp: 238514

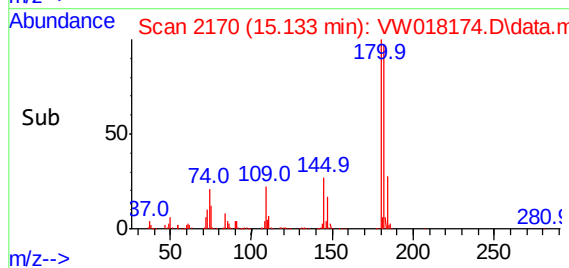
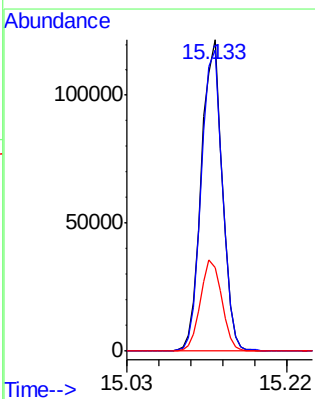
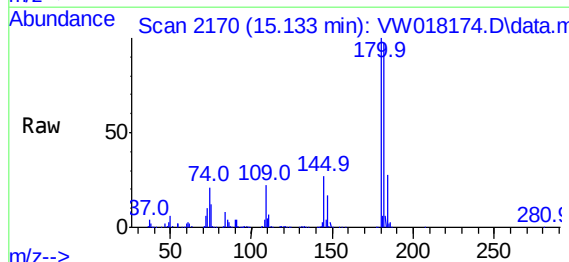
Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.6
184	29.8	24.2	36.4
145	29.5	23.5	35.3

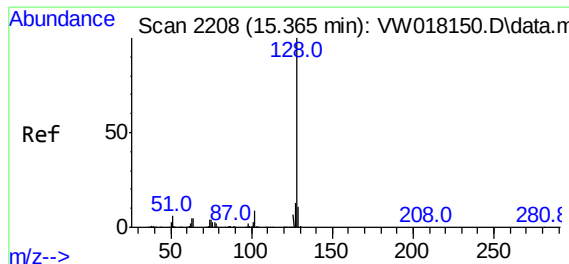


#68
 1,2,4-trichlorobenzene
 Concen: 27.56 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018174.D
 Acq: 16 Feb 2021 19:51

Tgt Ion:180 Resp: 199339

Ion	Ratio	Lower	Upper
180	100		
182	98.1	71.3	106.9
145	29.6	24.0	36.0

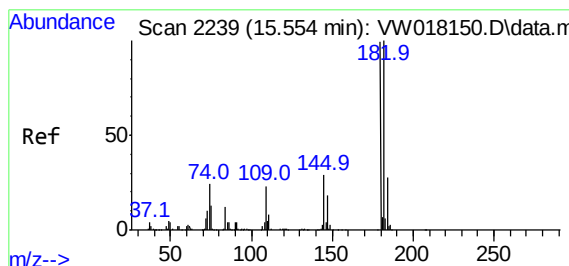
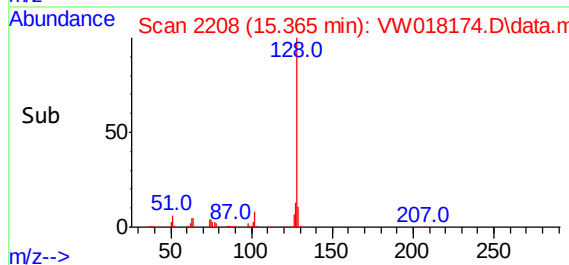
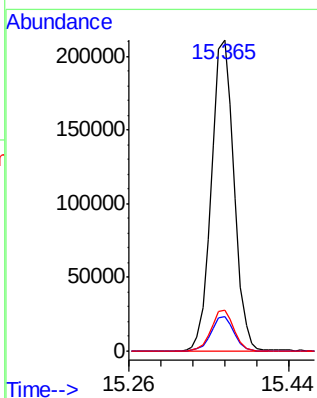
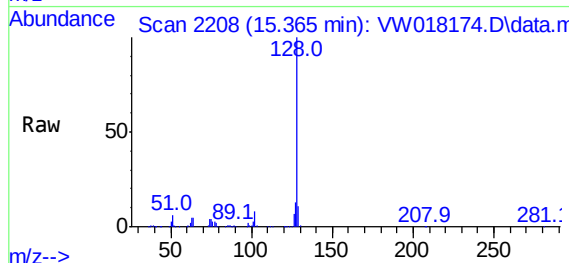




#69
Naphthalene
Concen: 26.31 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Tgt Ion:128 Resp: 370248
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.55 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018174.D
Acq: 16 Feb 2021 19:51

Tgt Ion:180 Resp: 164728
Ion Ratio Lower Upper
180 100
182 100.8 74.7 112.1
145 33.0 25.4 38.0

