

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018460.D
 Acq On : 26 Mar 2021 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Mar 27 01:26:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 26 01:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	557553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	512281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	258024	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144451	18.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.48%		
7) Chloroethane-d5	2.891	69	136477	20.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.36%		
10) 1,1-Dichloroethene-d2	4.019	63	283401	21.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.60%		
20) 2-Butanone-d5	7.080	46	87414	50.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.22%		
24) Chloroform-d	7.647	84	322821	22.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.92%		
26) 1,2-Dichloroethane-d4	8.305	65	190430	22.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.88%		
29) Benzene-d6	8.275	84	579617	21.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.12%		
33) 1,2-Dichloropropane-d6	9.274	67	173448	22.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.32%		
37) Toluene-d8	10.323	98	555214	21.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.68%		
38) trans-1,3-Dichloroprop...	10.579	79	92754	22.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.56%		
39) 2-Hexanone-d5	10.927	63	77067	50.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.26%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	173795	24.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	209392	22.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.32%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	137118	21.41	ug/L	99
3) Chloromethane	2.215	50	161275	19.98	ug/L	100
5) Vinyl chloride	2.367	62	244707	23.09	ug/L	100
6) Bromomethane	2.782	94	178439	23.31	ug/L	100
8) Chloroethane	2.928	64	155152	23.47	ug/L	97
9) Trichlorofluoromethane	3.257	101	126898	23.79	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	167753	24.46	ug/L	99
12) 1,1-Dichloroethene	4.044	96	171722	24.54	ug/L	94
13) Acetone	4.129	43	63091	50.84	ug/L	100
14) Carbon disulfide	4.385	76	488459	23.18	ug/L	100
15) Methyl Acetate	4.672	43	73773	25.99	ug/L	99
16) Methylene chloride	4.915	84	181948	19.90	ug/L	90
17) Methyl tert-butyl Ether	5.421	73	252172	24.66	ug/L	100
18) trans-1,2-Dichloroethene	5.428	96	183975	23.81	ug/L	99
19) 1,1-Dichloroethane	6.214	63	314864	23.88	ug/L	96
21) 2-Butanone	7.171	43	97794	49.60	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	196054	24.12	ug/L	97
23) Bromochloromethane	7.513	128	90303	25.11	ug/L	89
25) Chloroform	7.671	83	342114	24.45	ug/L	98
27) 1,2-Dichloroethane	8.396	62	243763	24.56	ug/L	99

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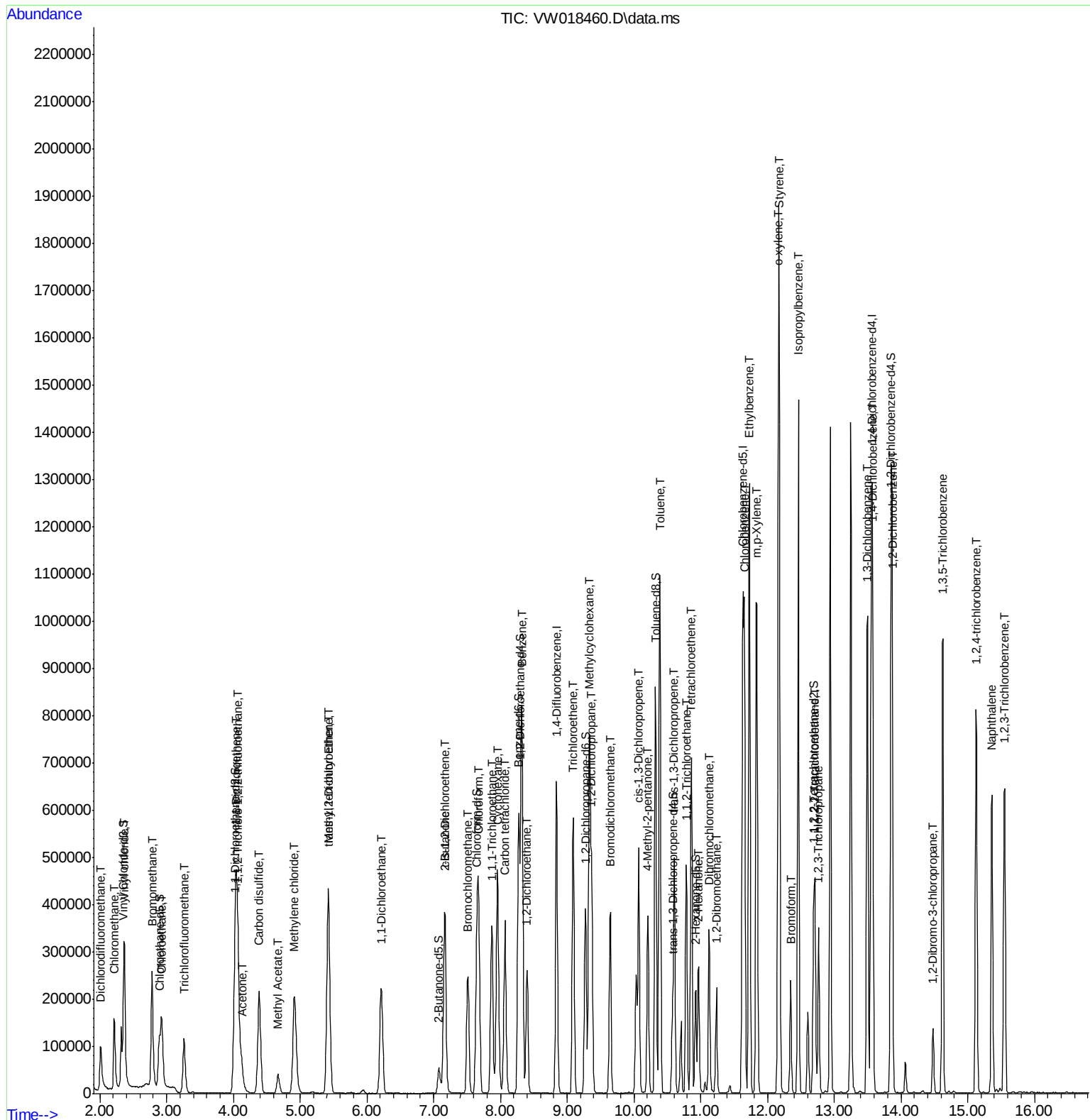
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	271357	22.31	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	282793	24.70	ug/L	98
32) Carbon tetrachloride	8.067	117	268903	25.20	ug/L	98
34) Benzene	8.323	78	712675	24.02	ug/L	100
35) Trichloroethene	9.091	95	198156	24.18	ug/L	98
36) Methylcyclohexane	9.335	83	328076	22.86	ug/L	99
40) 1,2-Dichloropropane	9.366	63	171964	23.69	ug/L	98
41) Bromodichloromethane	9.646	83	259062	25.25	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	301339	24.55	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	224884	51.53	ug/L	98
44) Toluene	10.390	91	806135	23.90	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	269651	24.47	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	147365	25.47	ug/L	98
47) Tetrachloroethene	10.859	164	153410	24.65	ug/L	89
49) 2-Hexanone	10.969	43	160551	51.99	ug/L	98
50) Dibromochloromethane	11.128	129	177639	26.03	ug/L	88
51) 1,2-Dibromoethane	11.237	107	146445	25.55	ug/L	100
52) Chlorobenzene	11.658	112	512837	23.98	ug/L	99
53) Ethylbenzene	11.731	91	904295	23.78	ug/L	99
54) m,p-Xylene	11.835	106	343789	23.66	ug/L	99
55) o-xylene	12.164	106	328440	23.71	ug/L	100
56) Styrene	12.176	104	571048	24.17	ug/L	100
57) Isopropylbenzene	12.463	105	922689	24.49	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	182682	26.08	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	139478	26.38	ug/L	100
62) Bromoform	12.353	173	104613	26.44	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	400483	24.25	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	406239	24.38	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	354493	24.02	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	33662	25.23	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	292497	24.56	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	249374	24.61	ug/L	93
69) Naphthalene	15.365	128	536274	25.42	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	211169	23.88	ug/L	98

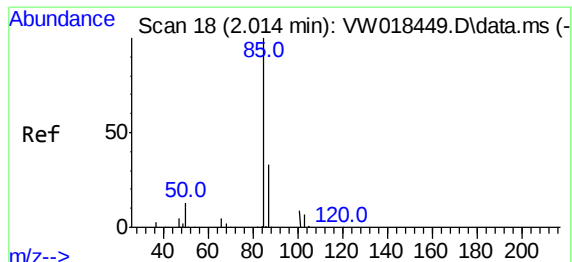
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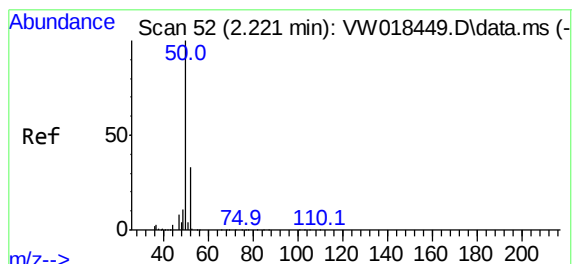
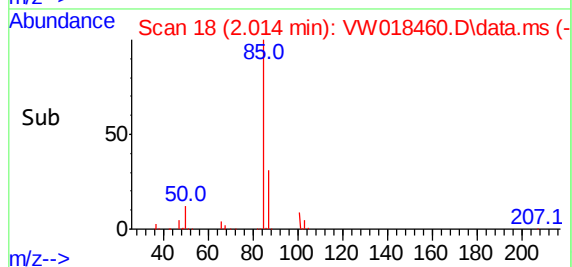
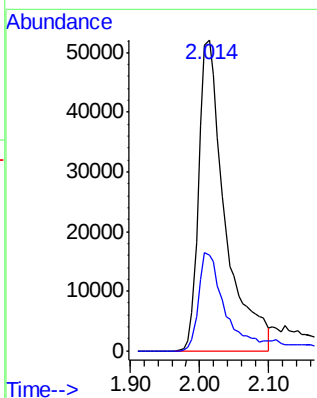
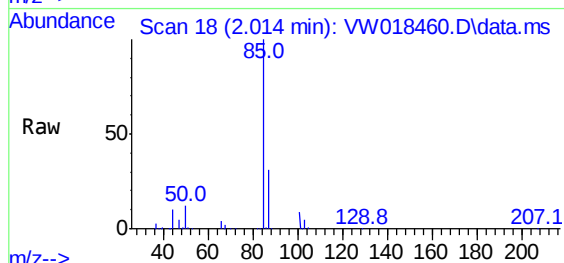




#2
Dichlorodifluoromethane
Concen: 21.41 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

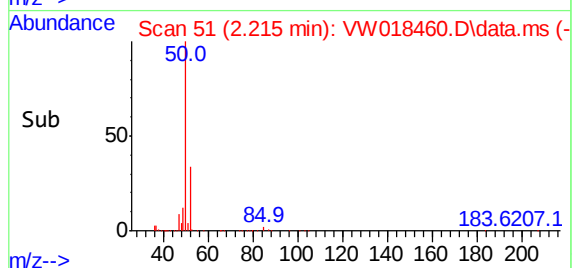
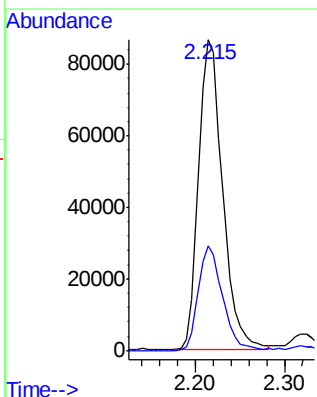
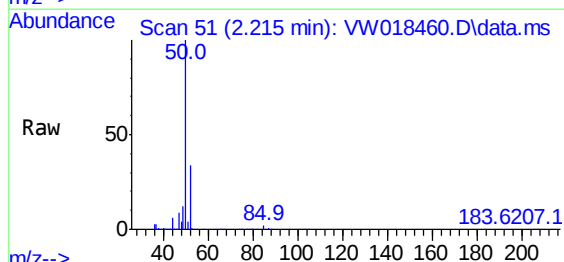
Instrument :
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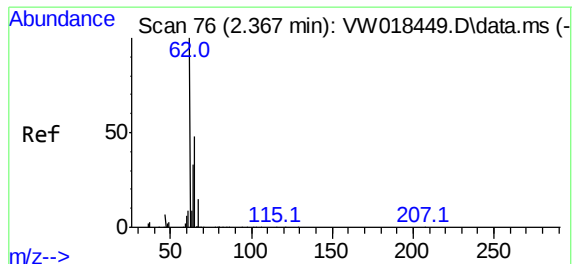
Tgt Ion: 85 Resp: 137118
Ion Ratio Lower Upper
85 100
87 30.9 22.2 41.2



#3
Chloromethane
Concen: 19.98 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 50 Resp: 161275
Ion Ratio Lower Upper
50 100
52 33.6 23.7 43.9

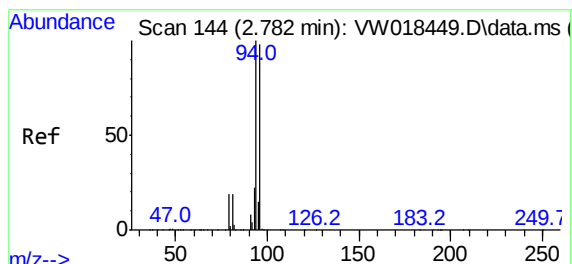
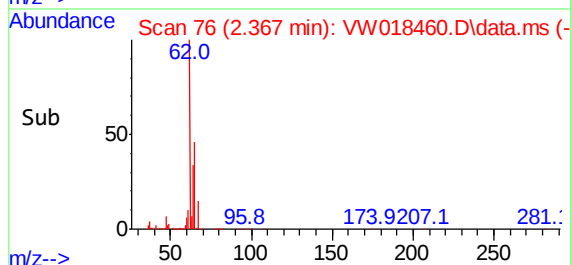
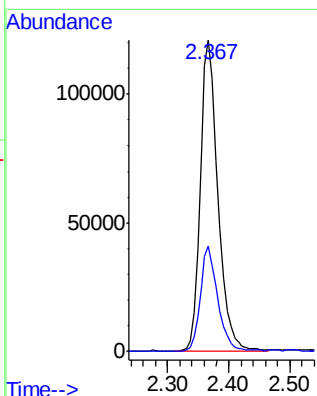
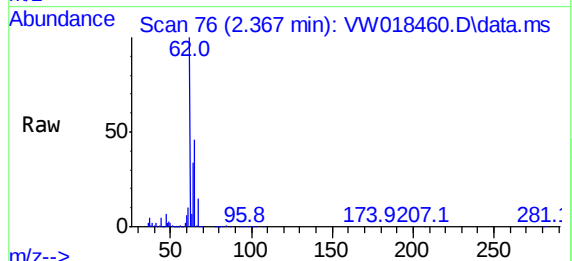




#5
 Vinyl chloride
 Concen: 23.09 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

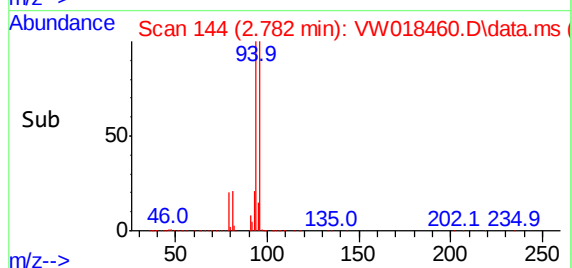
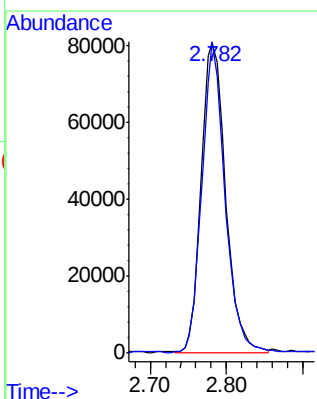
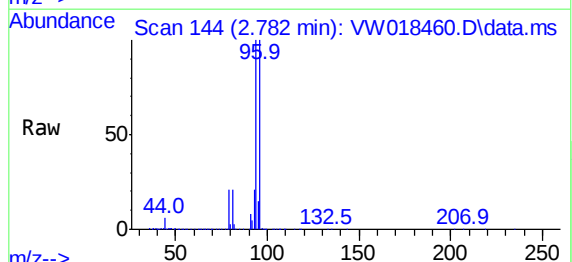
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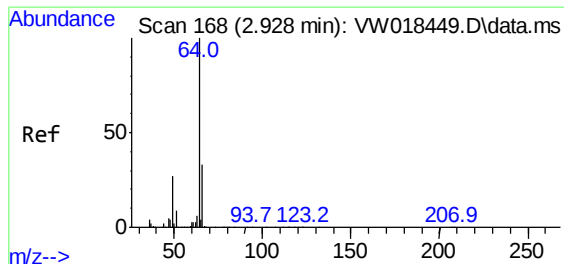
Tgt Ion: 62 Resp: 244707
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 23.31 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

Tgt Ion: 94 Resp: 178439
 Ion Ratio Lower Upper
 94 100
 96 94.6 9.4 179.4

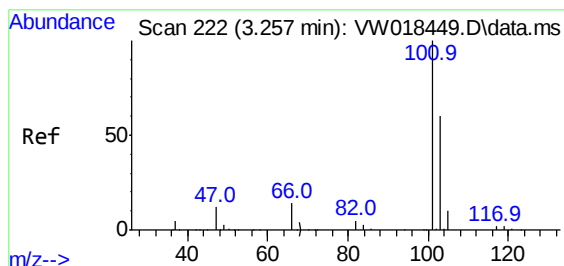
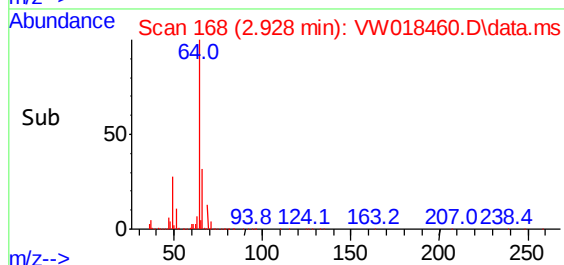
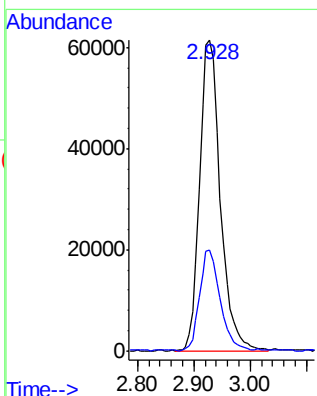
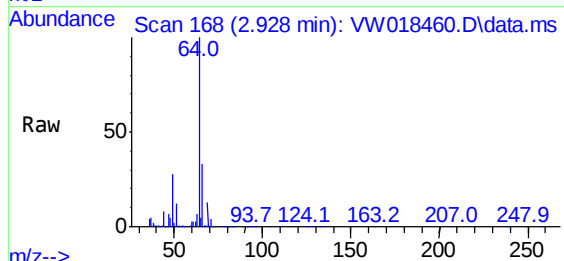




#8
Chloroethane
Concen: 23.47 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

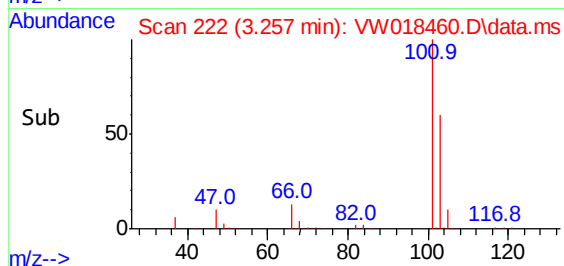
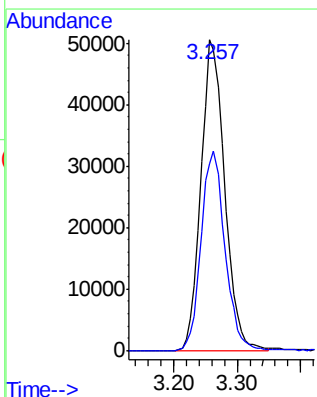
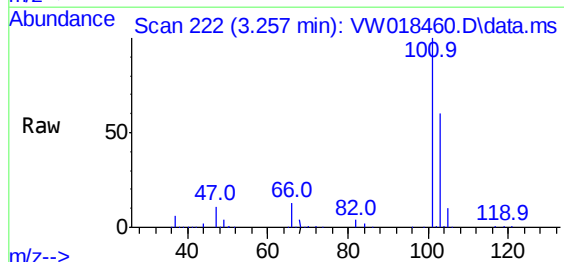
Instrument :
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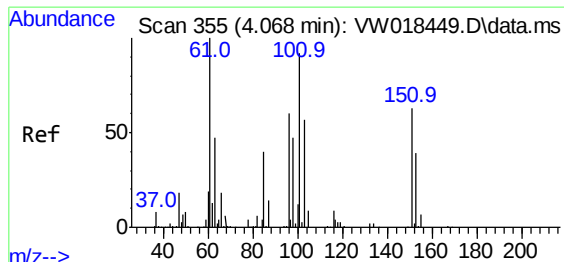
Tgt Ion: 64 Resp: 155152
Ion Ratio Lower Upper
64 100
66 32.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 23.79 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 101 Resp: 126898
Ion Ratio Lower Upper
101 100
103 64.1 45.6 84.8



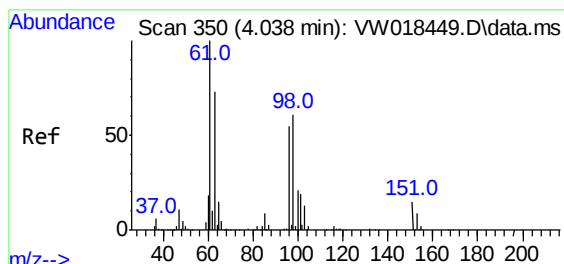
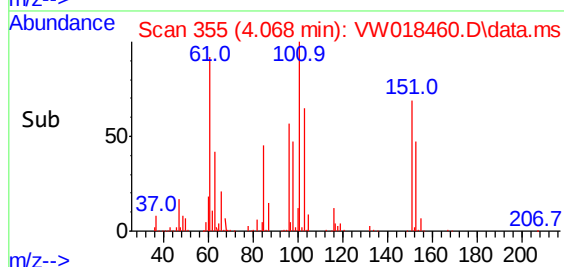
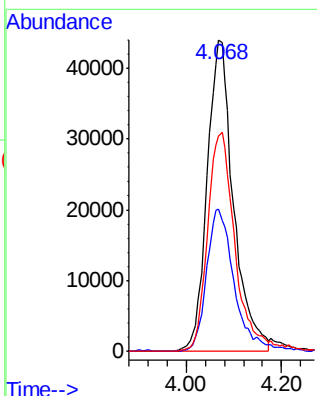
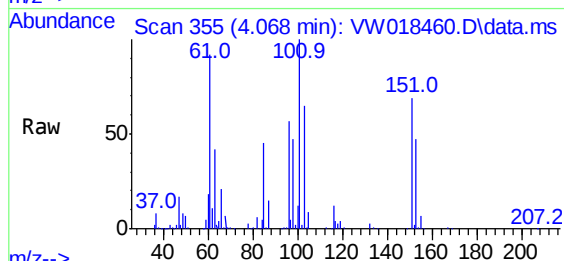


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.46 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

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Tgt Ion:101 Resp: 167753

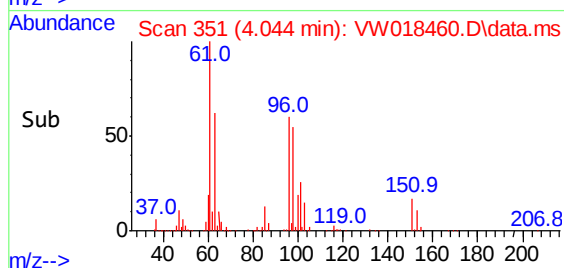
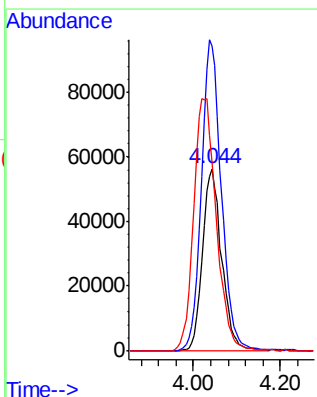
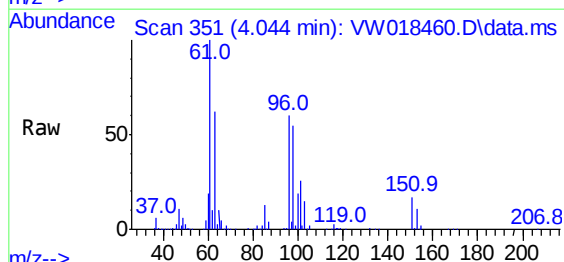
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.6	53.4
151	71.9	58.1	87.1

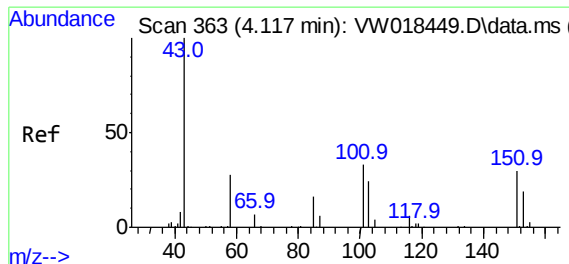


#12
 1,1-Dichloroethene
 Concen: 24.54 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018460.D
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Tgt Ion: 96 Resp: 171722

Ion	Ratio	Lower	Upper
96	100		
61	167.7	118.6	220.2
63	103.2	82.4	153.0

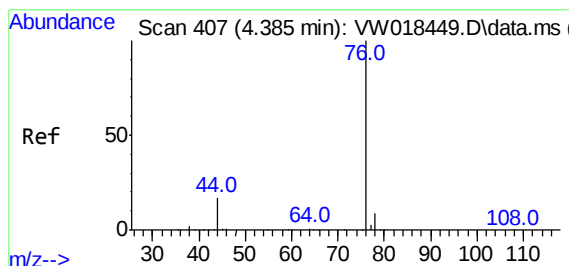
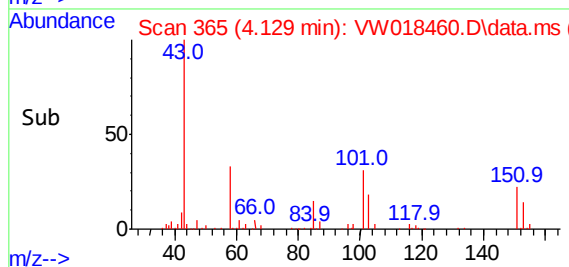
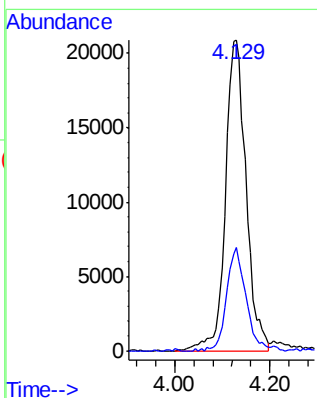
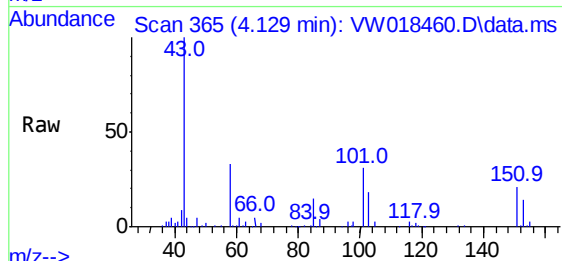




#13
Acetone
Concen: 50.84 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018460.D
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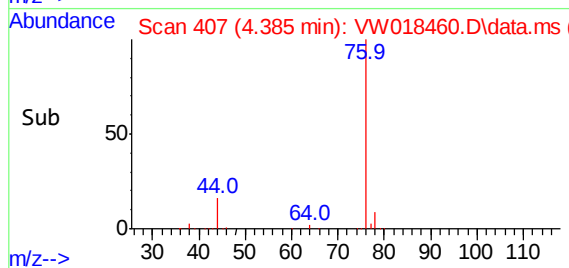
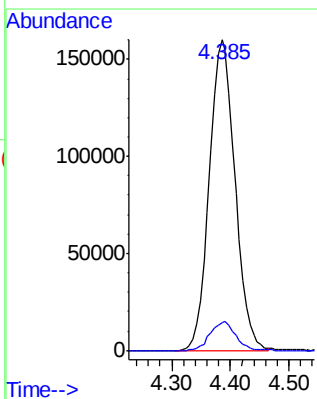
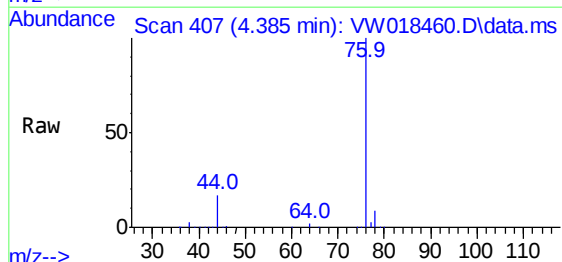
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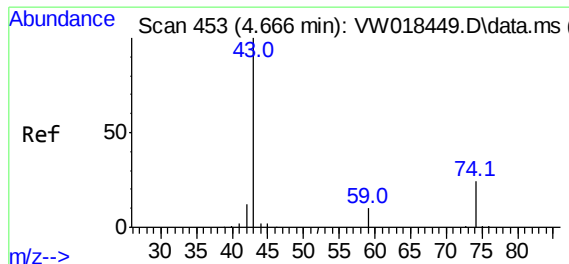
Tgt Ion: 43 Resp: 63091
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.2



#14
Carbon disulfide
Concen: 23.18 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Acq: 26 Mar 2021 09:55

Tgt Ion: 76 Resp: 488459
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

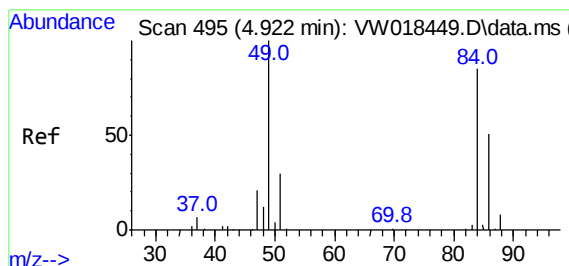
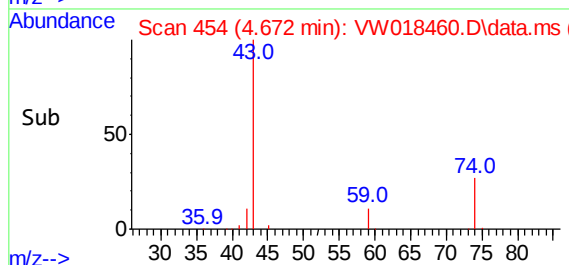
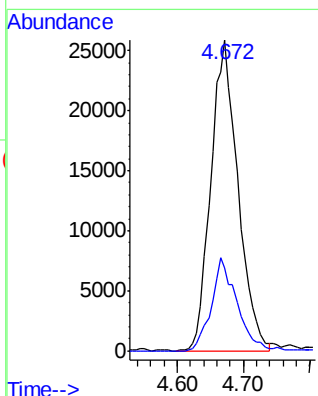
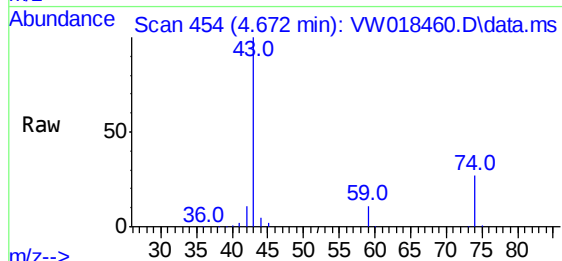




#15
Methyl Acetate
Concen: 25.99 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

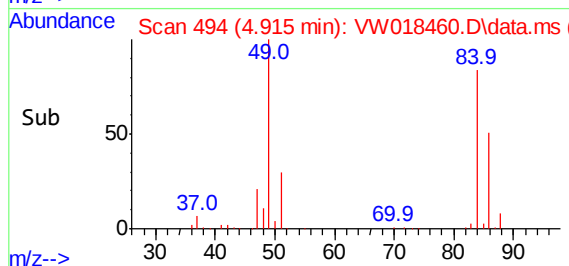
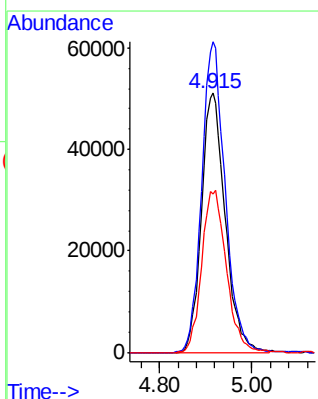
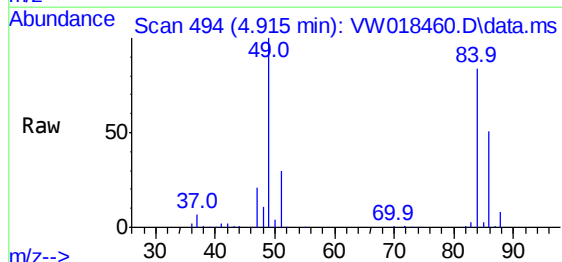
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

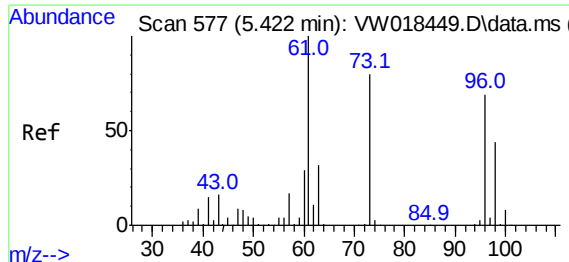
Tgt Ion: 43 Resp: 73773
Ion Ratio Lower Upper
43 100
74 27.8 22.9 34.3



#16
Methylene chloride
Concen: 19.90 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 84 Resp: 181948
Ion Ratio Lower Upper
84 100
49 119.7 74.4 138.2
86 61.3 46.1 85.7



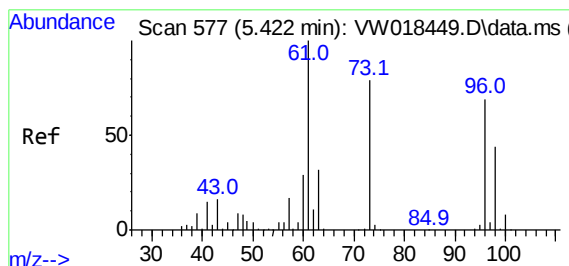
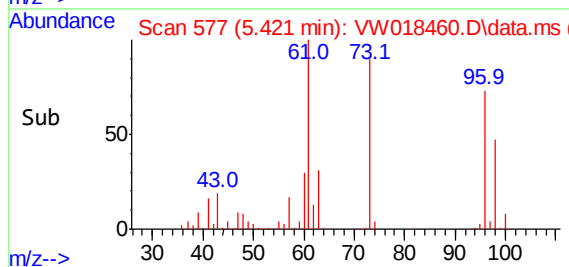
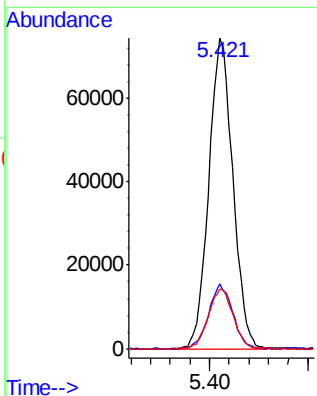
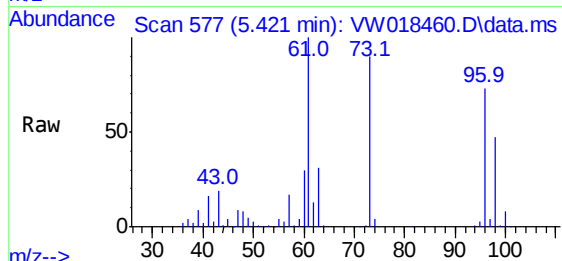


#17
Methyl tert-butyl Ether
Concen: 24.66 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 73 Resp: 252172

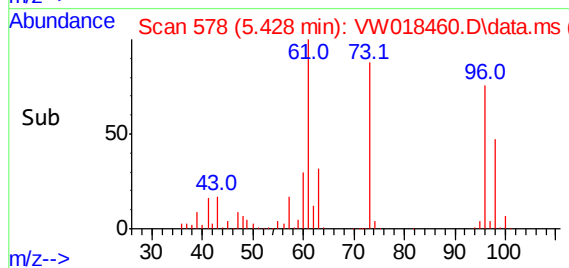
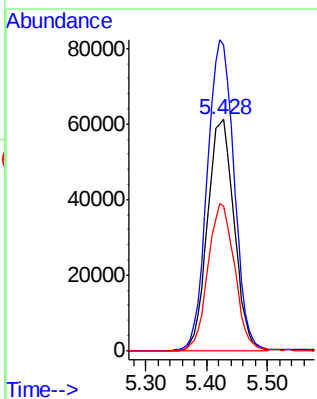
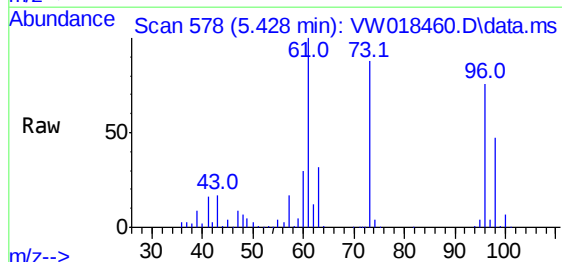
Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.6	24.8
57	20.0	15.9	23.9

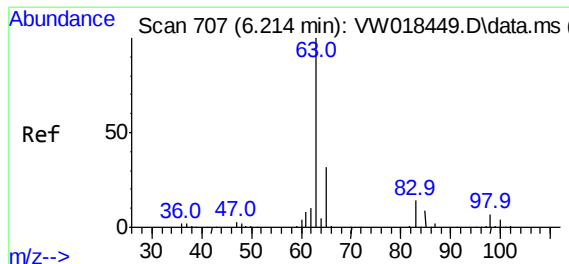


#18
trans-1,2-Dichloroethene
Concen: 23.81 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 96 Resp: 183975

Ion	Ratio	Lower	Upper
96	100		
61	132.2	93.3	173.3
98	62.6	45.2	84.0

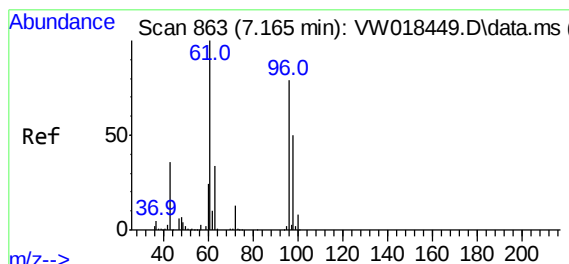
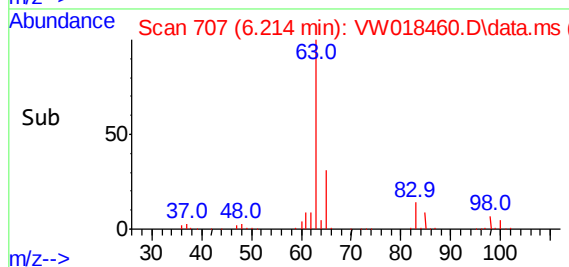
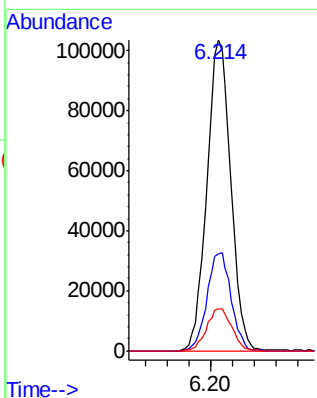
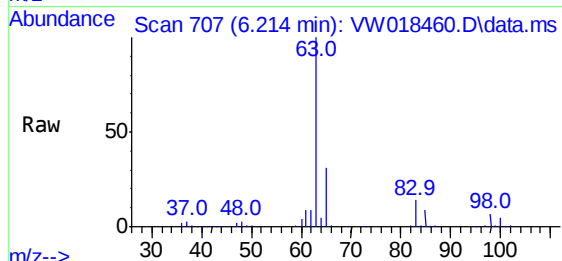




#19
1,1-Dichloroethane
Concen: 23.88 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

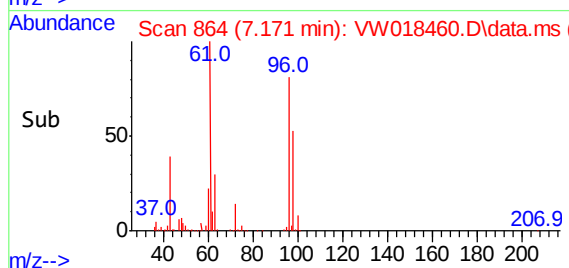
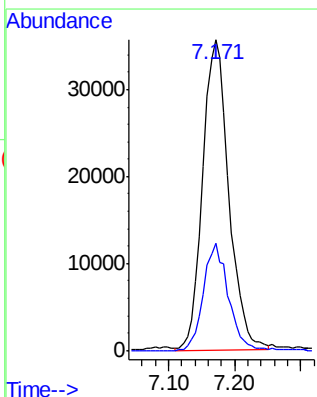
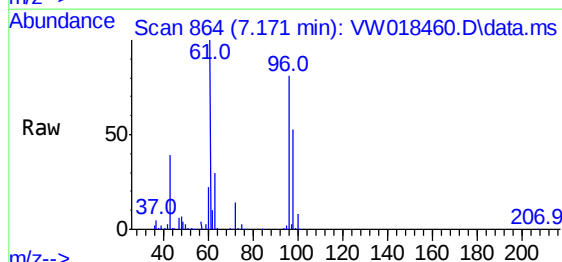
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

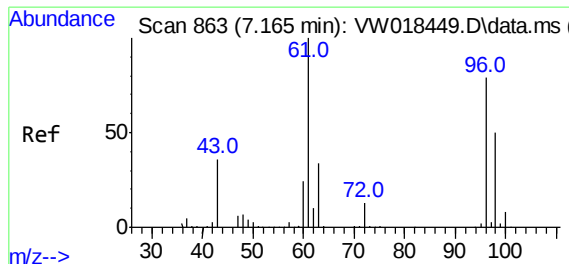
Tgt Ion: 63 Resp: 314864
Ion Ratio Lower Upper
63 100
65 31.4 23.5 43.7
83 13.5 10.3 19.1



#21
2-Butanone
Concen: 49.60 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 43 Resp: 97794
Ion Ratio Lower Upper
43 100
72 32.6 16.5 49.5



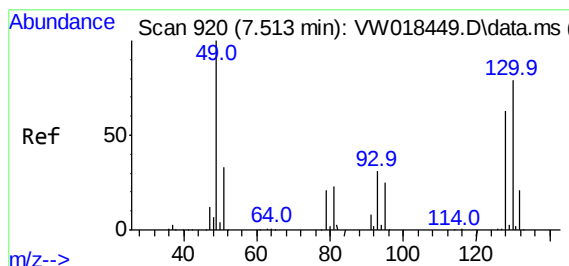
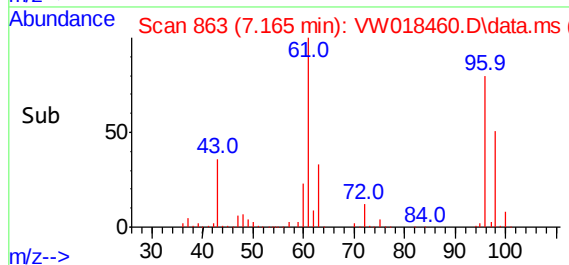
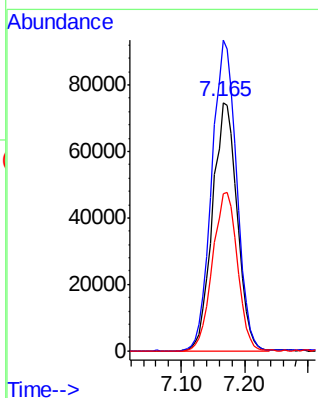
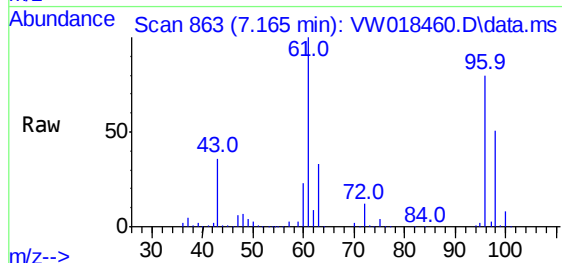


#22
 cis-1,2-Dichloroethene
 Concen: 24.12 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Tgt Ion: 96 Resp: 196054

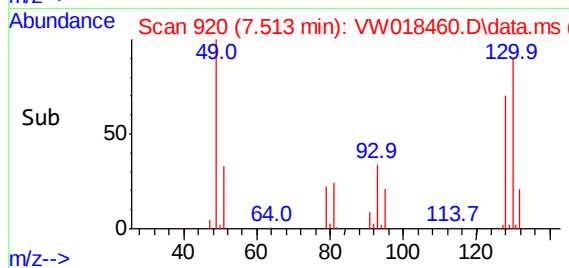
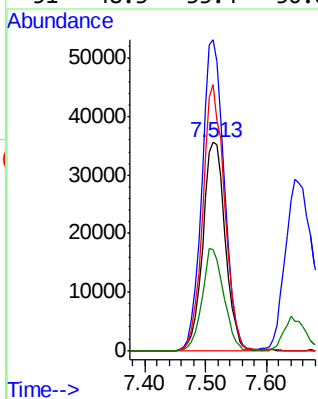
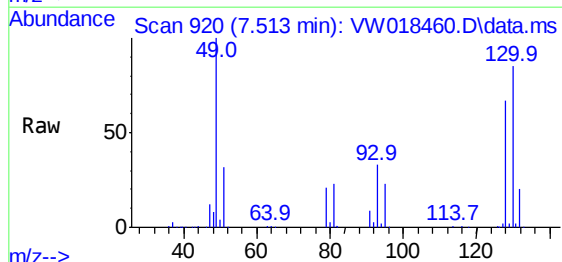
Ion	Ratio	Lower	Upper
96	100		
61	125.2	84.8	157.6
98	63.3	45.1	83.9

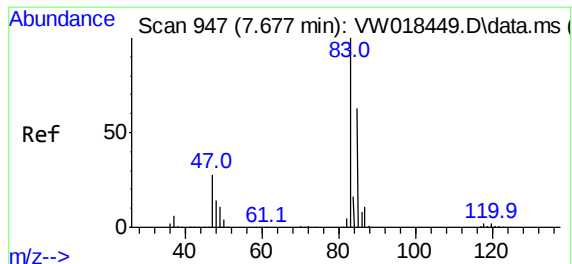


#23
 Bromochloromethane
 Concen: 25.11 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

Tgt Ion: 128 Resp: 90303

Ion	Ratio	Lower	Upper
128	100		
49	149.3	92.4	171.6
130	127.6	83.9	155.7
51	48.3	33.4	50.0

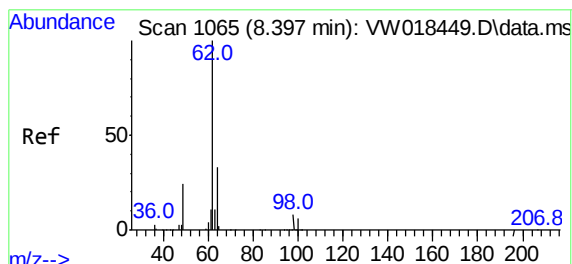
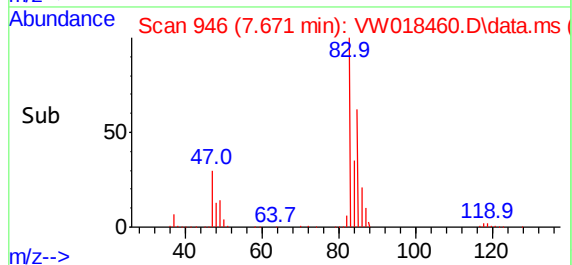
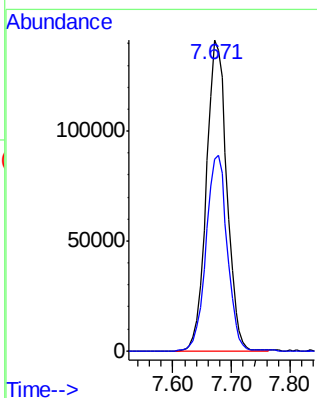
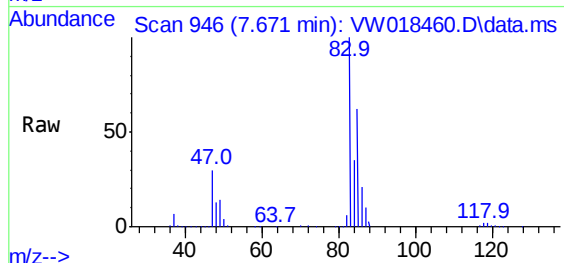




#25
Chloroform
Concen: 24.45 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

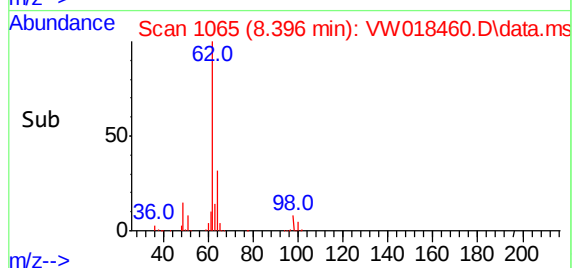
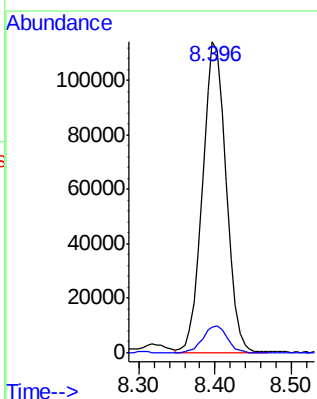
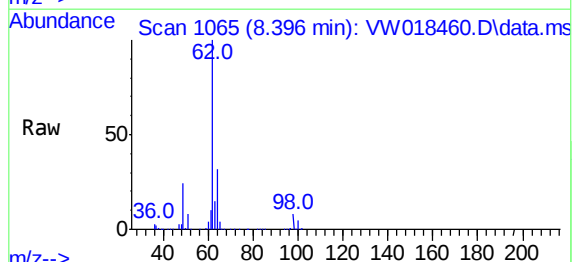
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

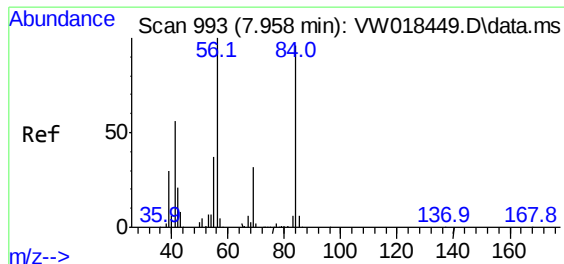
Tgt Ion: 83 Resp: 342114
Ion Ratio Lower Upper
83 100
85 65.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 24.56 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 62 Resp: 243763
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6

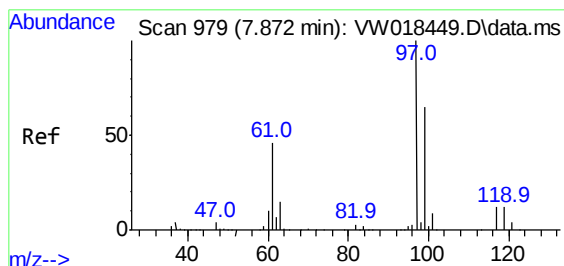
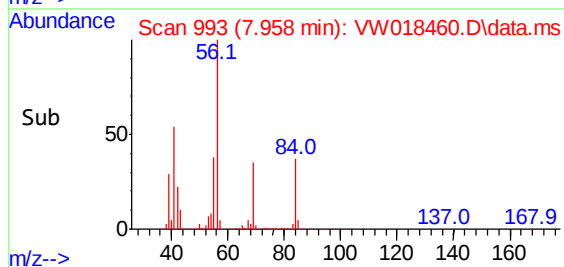
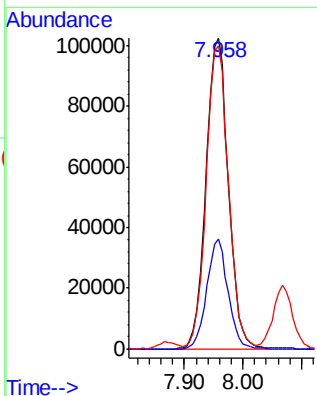
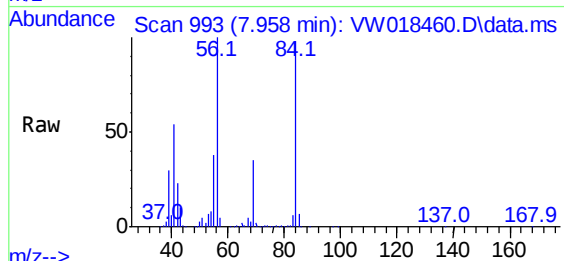




#30
Cyclohexane
Concen: 22.31 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

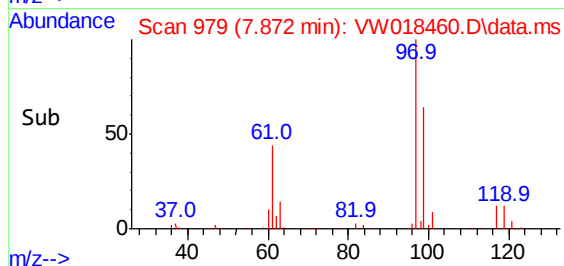
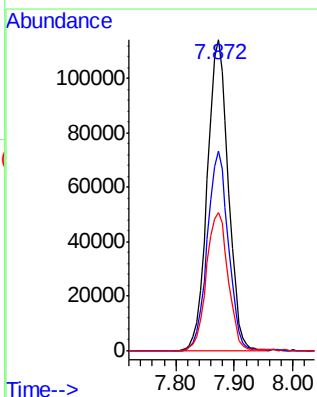
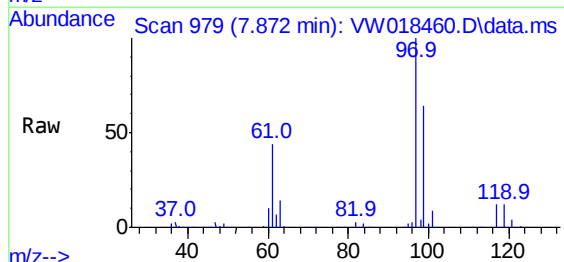
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

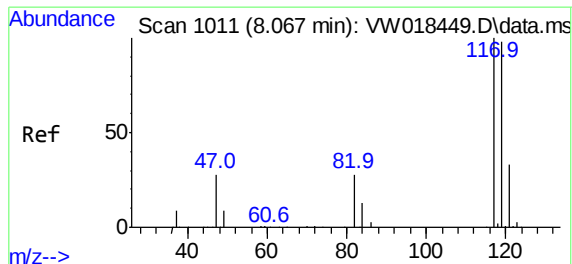
Tgt Ion: 56 Resp: 271357
Ion Ratio Lower Upper
56 100
69 33.4 27.0 40.6
84 97.1 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 24.70 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 97 Resp: 282793
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 45.8 34.8 52.2

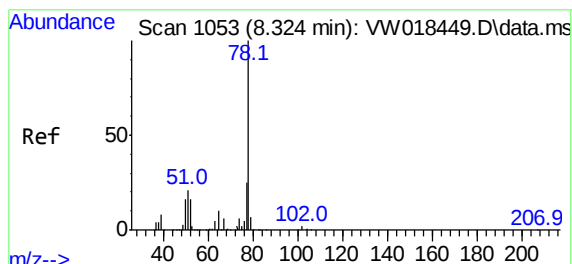
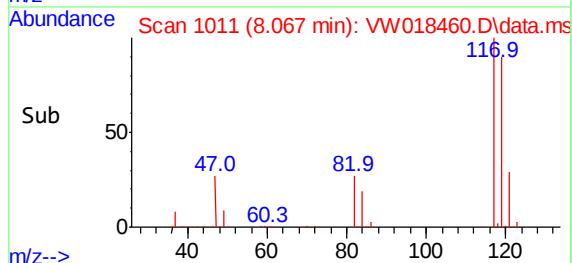
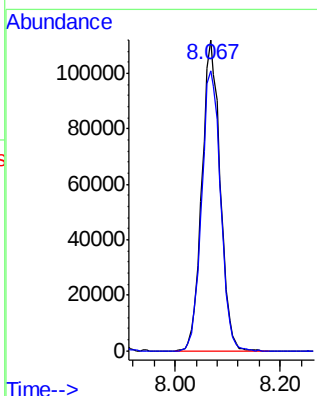
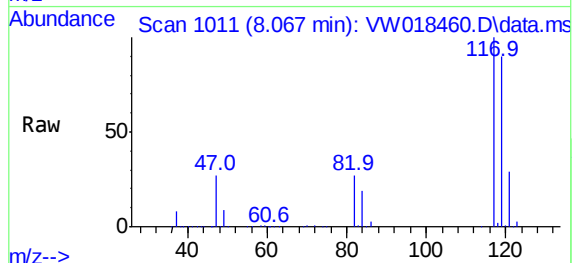




#32
Carbon tetrachloride
Concen: 25.20 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

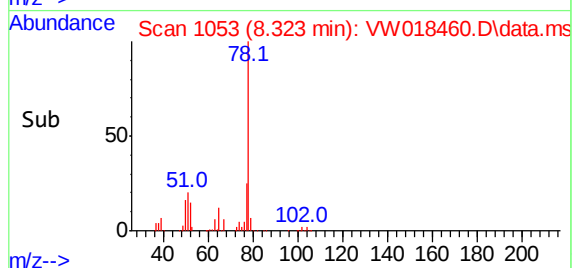
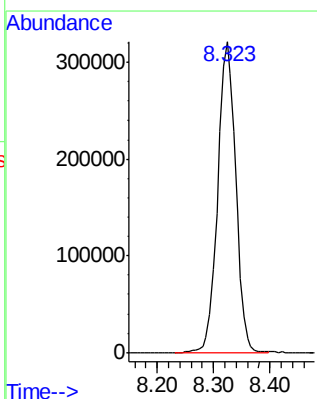
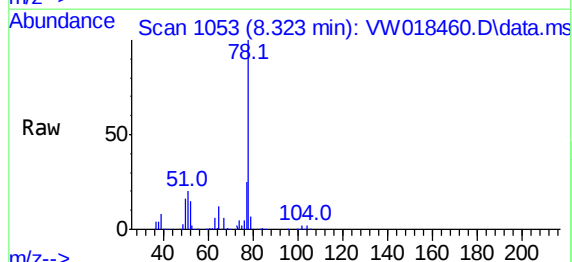
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

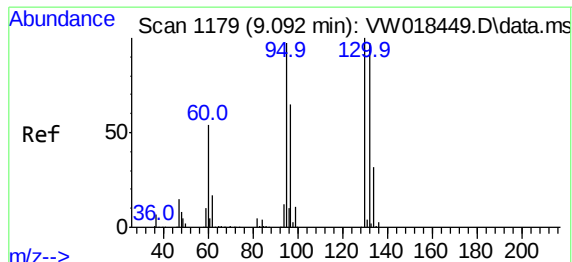
Tgt Ion:117 Resp: 268903
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1



#34
Benzene
Concen: 24.02 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 78 Resp: 712675

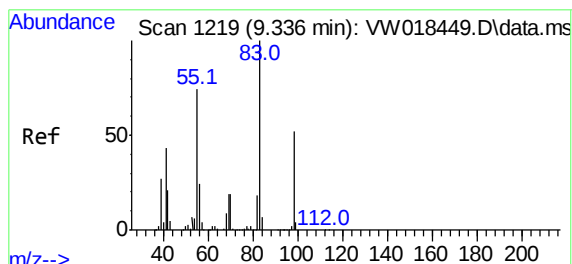
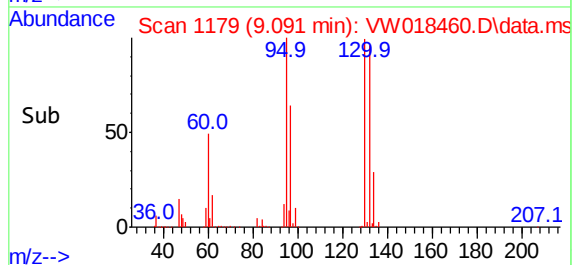
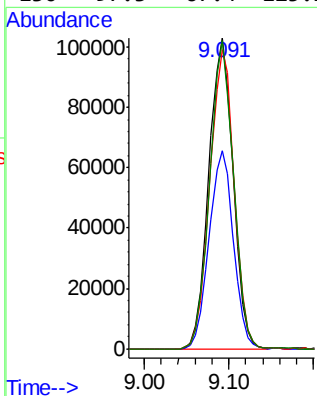
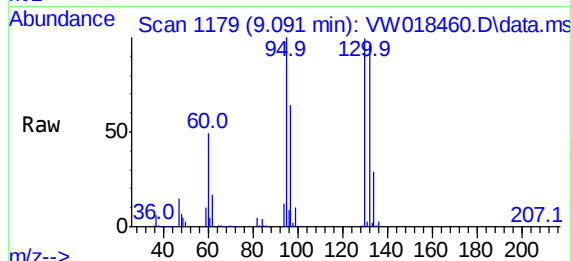




#35
Trichloroethene
Concen: 24.18 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

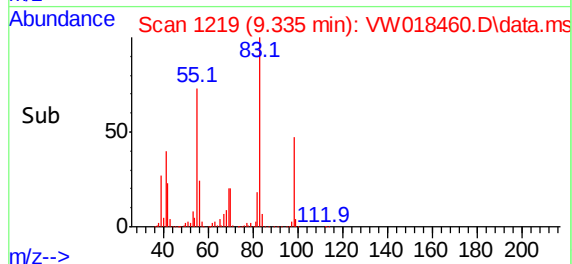
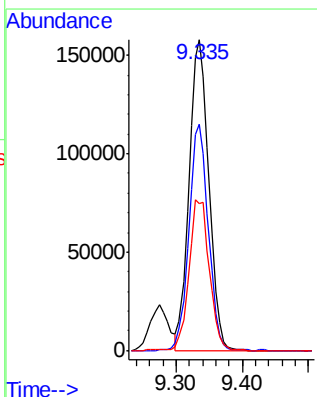
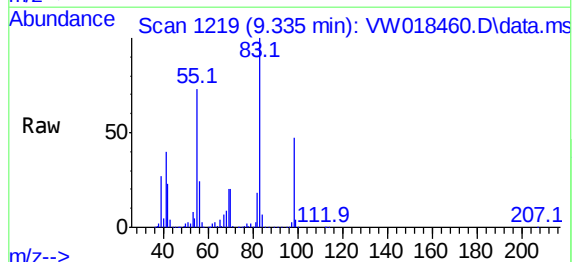
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

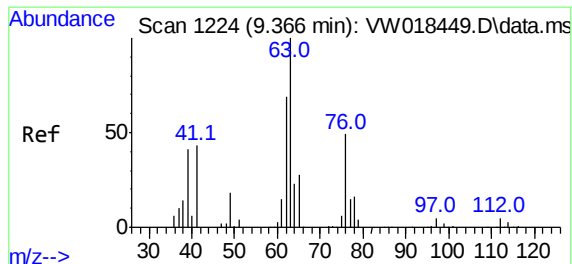
Tgt Ion: 95 Resp: 198156
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 97.1 65.9 122.5
130 97.3 67.4 125.2



#36
Methylcyclohexane
Concen: 22.86 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 83 Resp: 328076
Ion Ratio Lower Upper
83 100
55 71.7 56.8 85.2
98 50.1 40.6 61.0

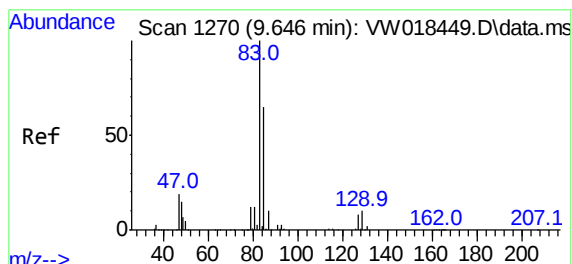
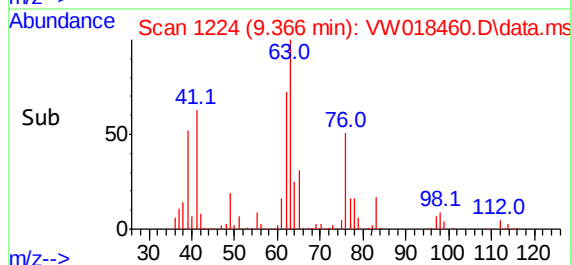
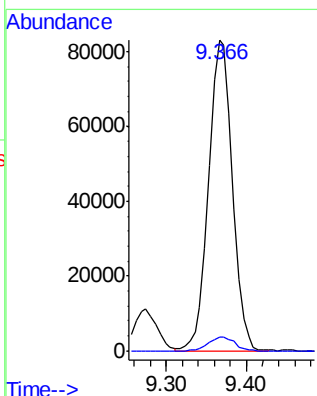
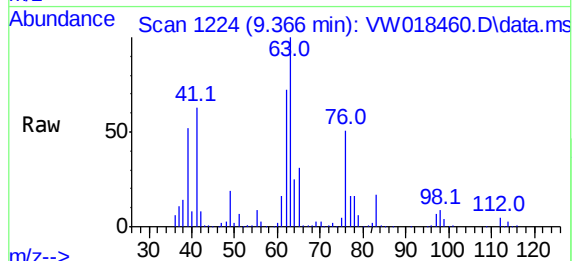




#40
1,2-Dichloropropane
Concen: 23.69 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

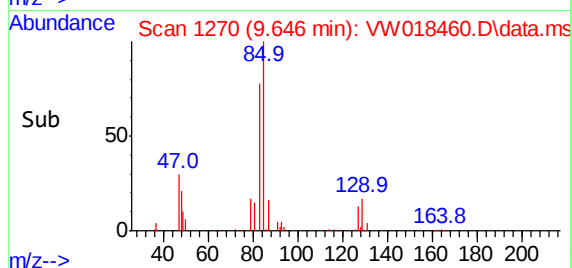
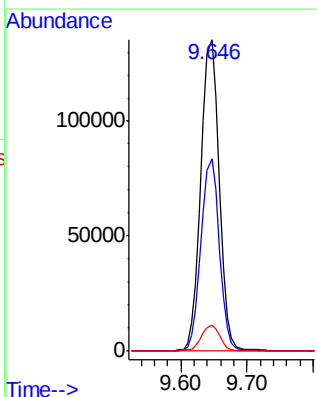
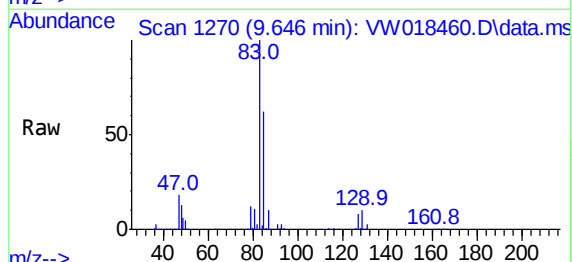
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

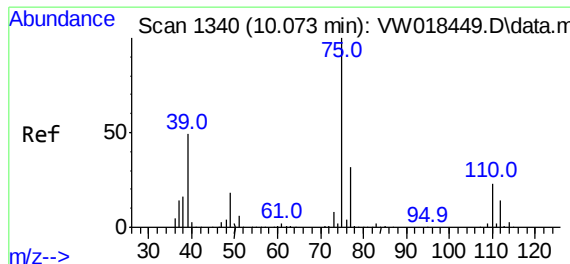
Tgt Ion: 63 Resp: 171964
Ion Ratio Lower Upper
63 100
112 4.7 4.2 6.4



#41
Bromodichloromethane
Concen: 25.25 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 83 Resp: 259062
Ion Ratio Lower Upper
83 100
85 61.7 43.8 81.4
127 8.0 6.9 10.3

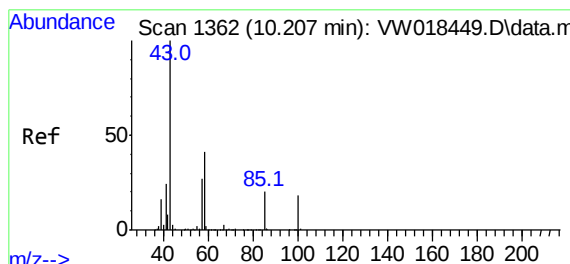
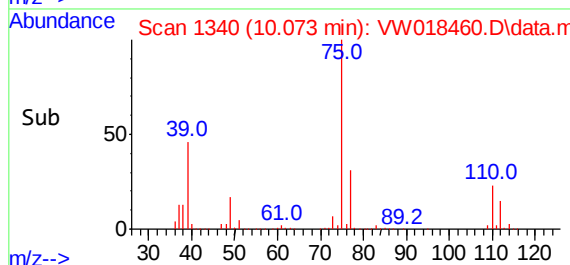
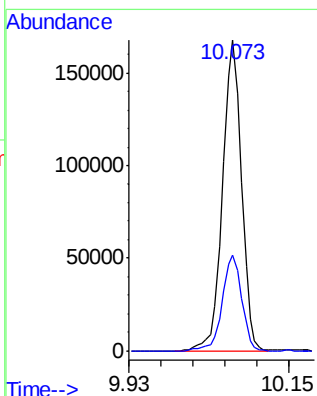
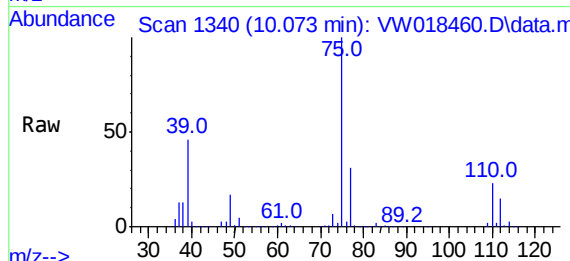




#42
 cis-1,3-Dichloropropene
 Concen: 24.55 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

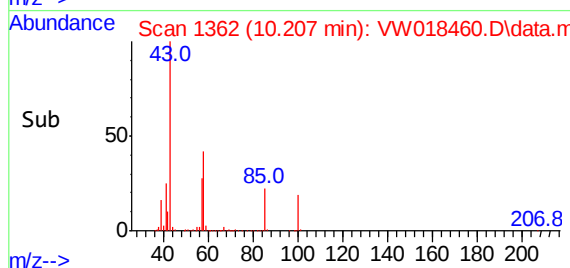
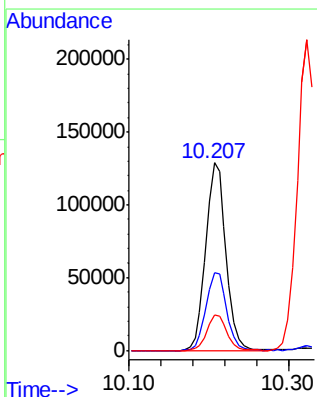
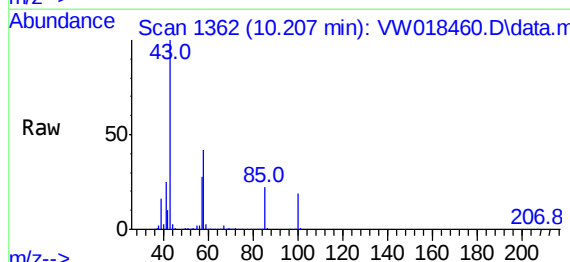
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

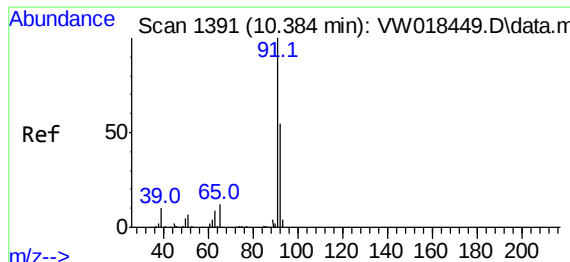
Tgt Ion: 75 Resp: 301339
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.4 41.6



#43
 4-Methyl-2-pentanone
 Concen: 51.53 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

Tgt Ion: 43 Resp: 224884
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.8 52.2
 100 18.7 15.9 23.9





#44

Toluene

Concen: 23.90 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018460.D

Acq: 26 Mar 2021 09:55

Tgt Ion: 91 Resp: 806135

Ion Ratio Lower Upper

91 100

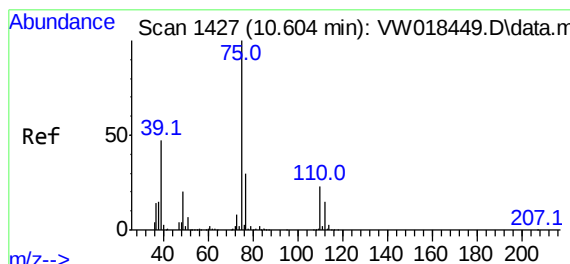
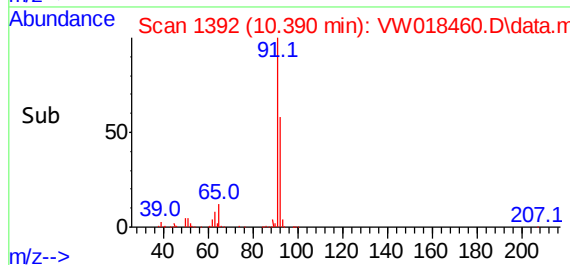
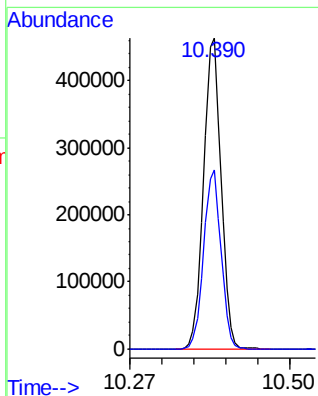
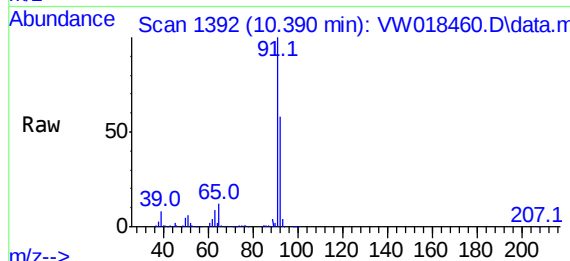
92 57.7 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02516



#45

trans-1,3-Dichloropropene

Concen: 24.47 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018460.D

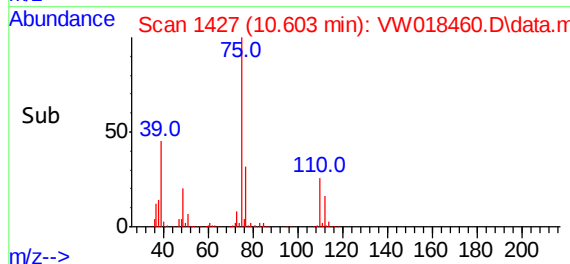
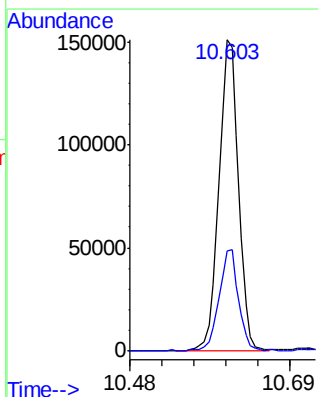
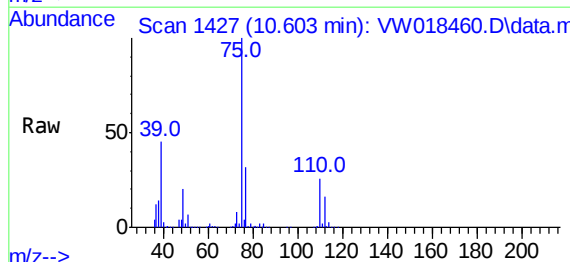
Acq: 26 Mar 2021 09:55

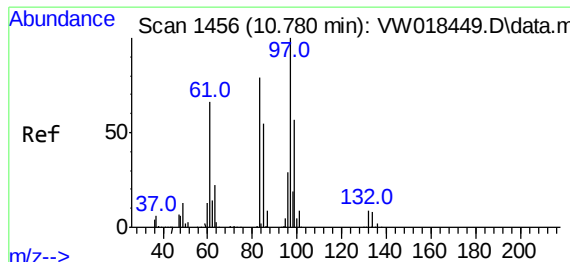
Tgt Ion: 75 Resp: 269651

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



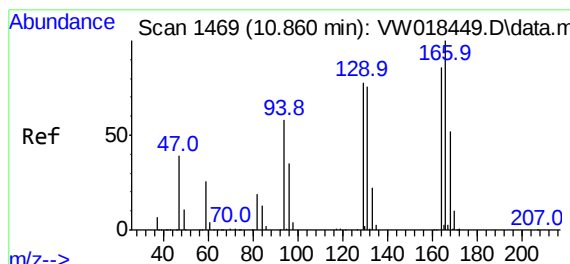
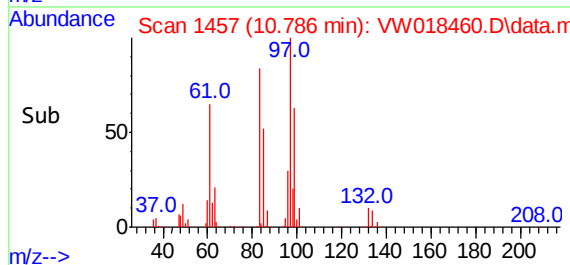
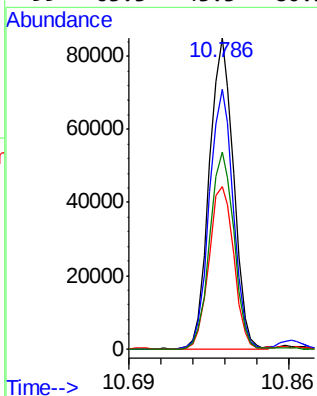
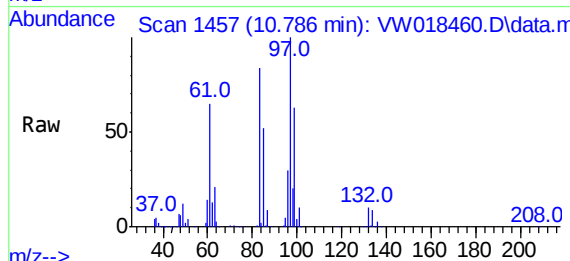


#46
1,1,2-Trichloroethane
Concen: 25.47 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 97 Resp: 147365

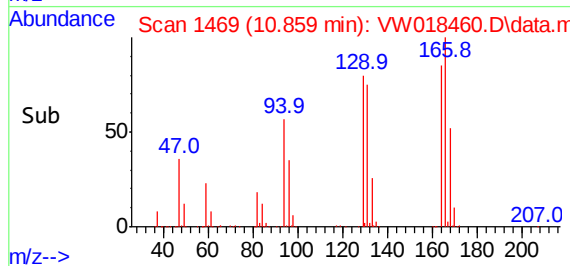
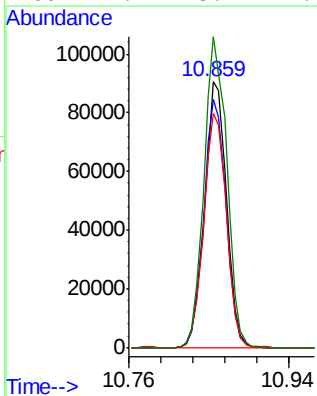
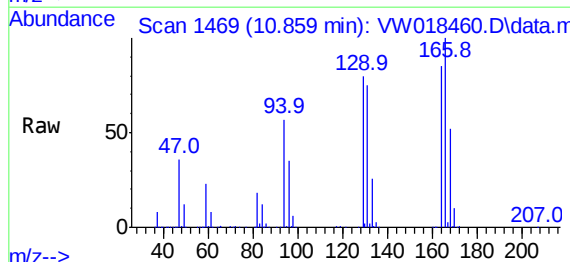
Ion	Ratio	Lower	Upper
97	100		
83	83.7	58.9	109.5
85	52.2	38.4	71.4
99	63.3	43.3	80.3

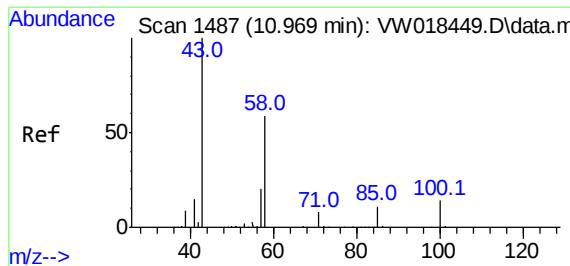


#47
Tetrachloroethene
Concen: 24.65 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 164 Resp: 153410

Ion	Ratio	Lower	Upper
164	100		
129	93.4	68.8	127.8
131	88.2	68.3	126.8
166	117.1	95.4	177.2



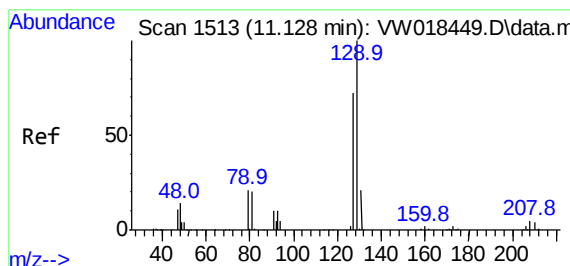
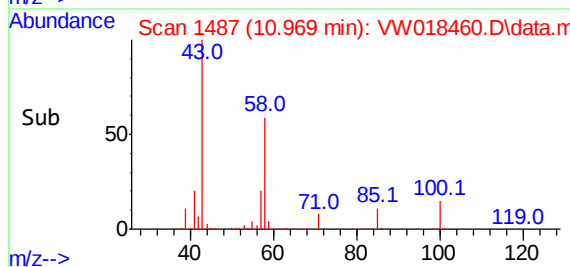
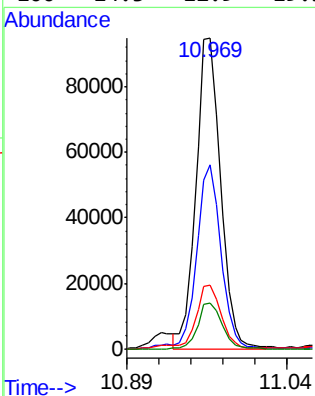
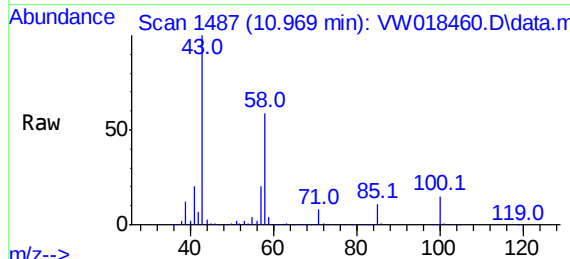


#49
2-Hexanone
Concen: 51.99 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 43 Resp: 160551

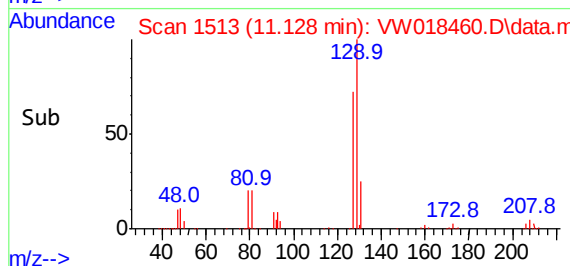
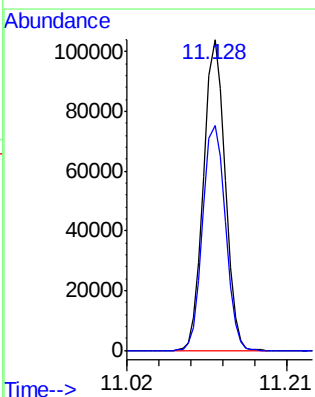
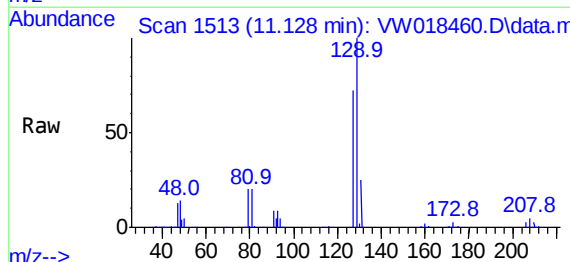
Ion	Ratio	Lower	Upper
43	100		
58	57.8	47.3	70.9
57	20.3	17.3	25.9
100	14.3	12.9	19.3

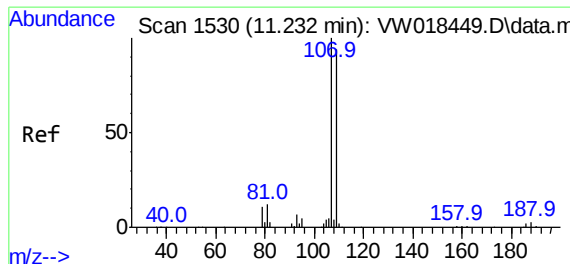


#50
Dibromochloromethane
Concen: 26.03 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 129 Resp: 177639

Ion	Ratio	Lower	Upper
129	100		
127	72.3	58.0	107.6

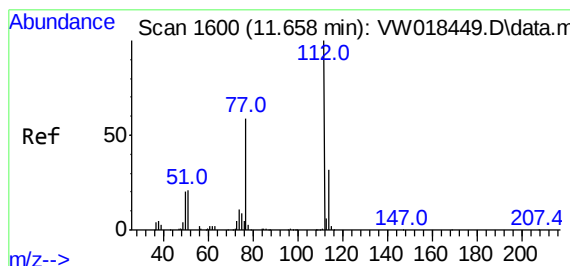
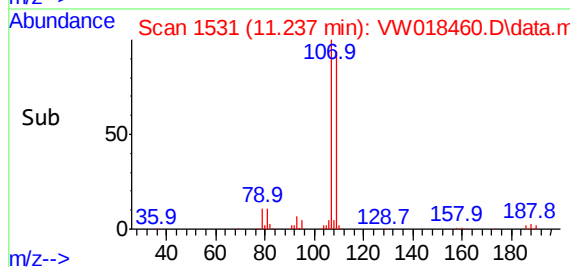
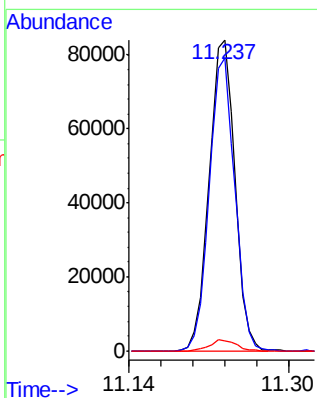
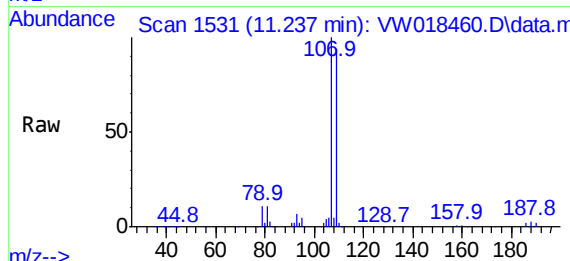




#51
1,2-Dibromoethane
Concen: 25.55 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

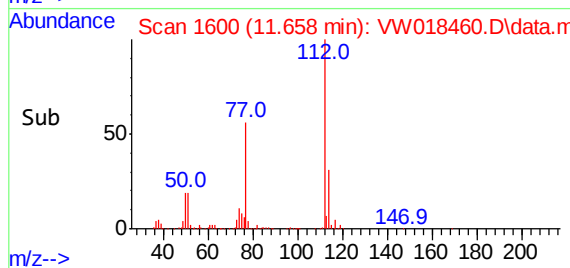
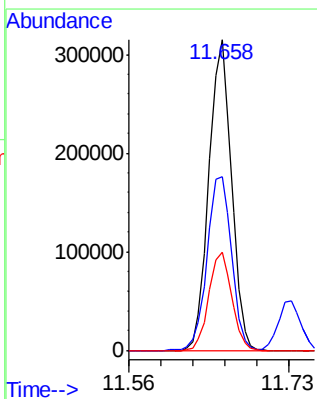
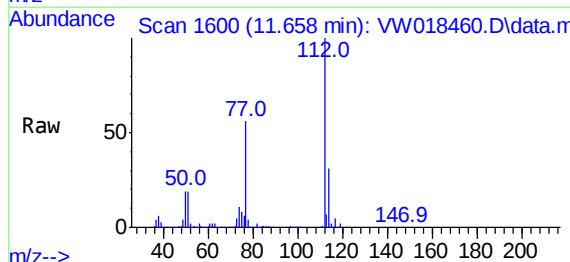
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

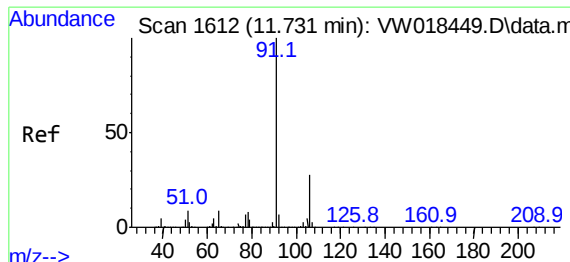
Tgt Ion:107 Resp: 146445
Ion Ratio Lower Upper
107 100
109 94.3 65.9 122.5
188 3.2 3.0 4.4



#52
Chlorobenzene
Concen: 23.98 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion:112 Resp: 512837
Ion Ratio Lower Upper
112 100
77 55.8 45.4 68.2
114 31.4 22.5 41.9

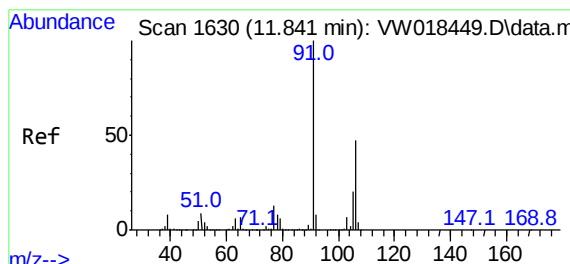
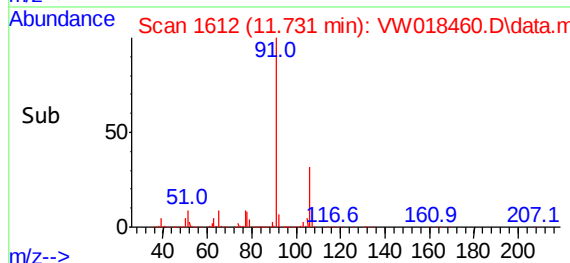
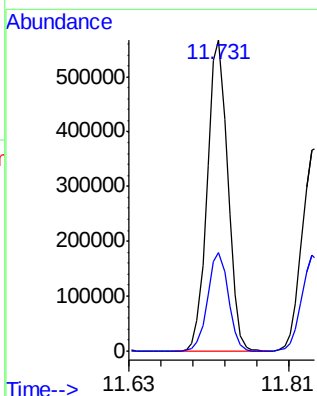
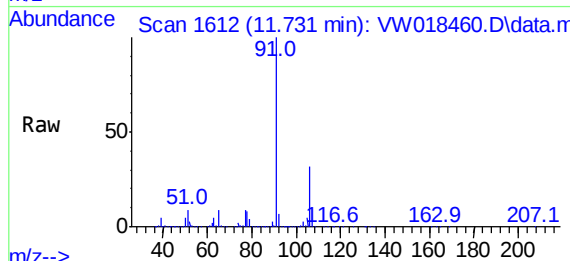




#53
Ethylbenzene
Concen: 23.78 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

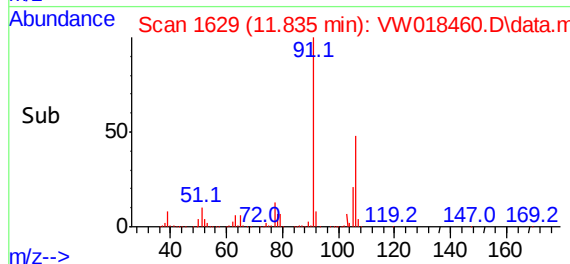
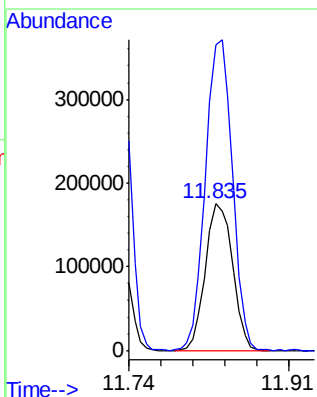
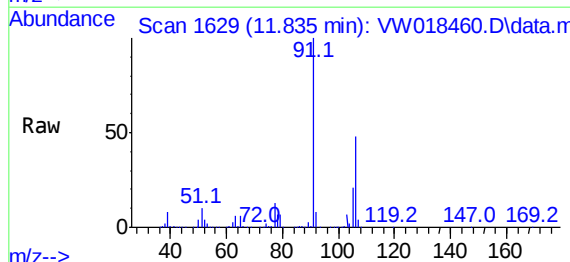
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

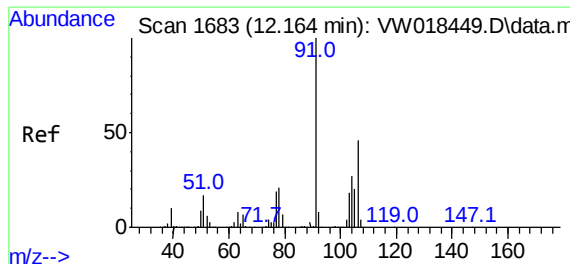
Tgt Ion: 91 Resp: 904295
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#54
m,p-Xylene
Concen: 23.66 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 106 Resp: 343789
Ion Ratio Lower Upper
106 100
91 209.1 145.3 269.8

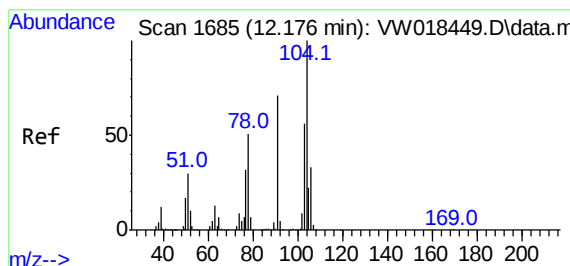
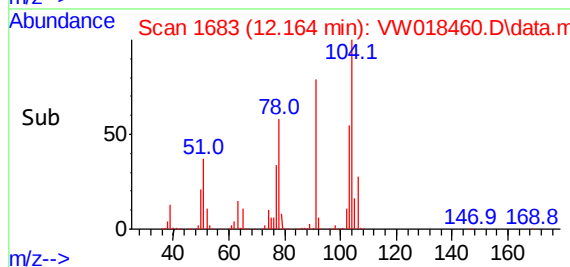
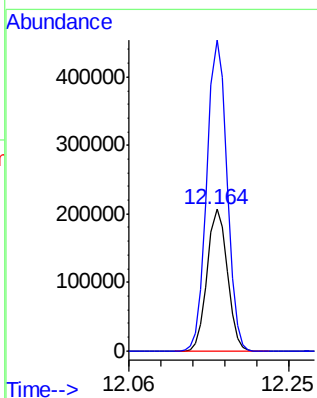
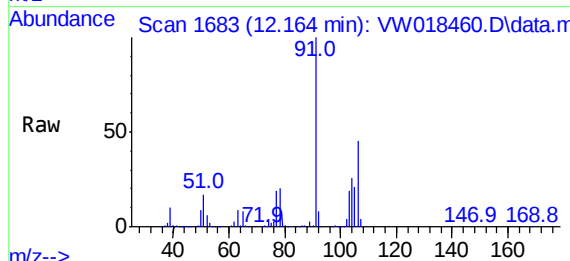




#55
o-xylene
Concen: 23.71 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

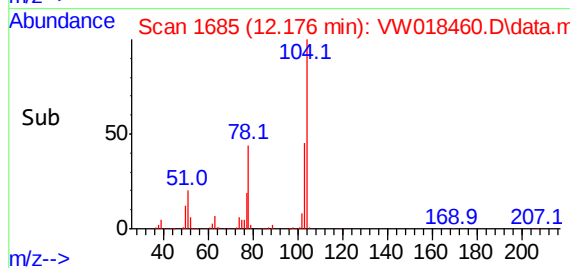
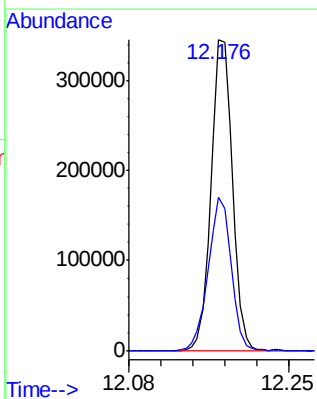
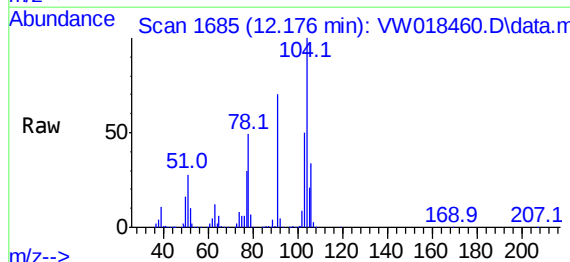
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

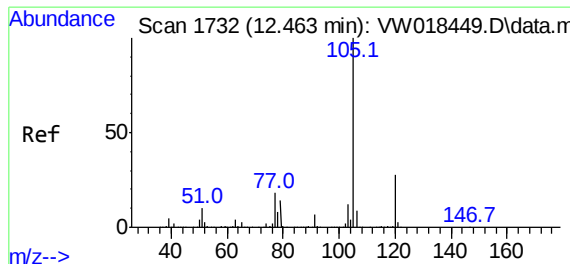
Tgt Ion:106 Resp: 328440
Ion Ratio Lower Upper
106 100
91 220.1 154.3 286.5



#56
Styrene
Concen: 24.17 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion:104 Resp: 571048
Ion Ratio Lower Upper
104 100
78 49.4 34.7 64.5

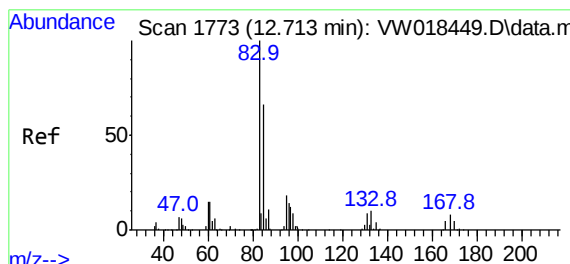
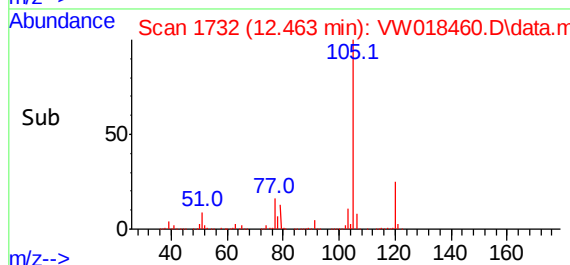
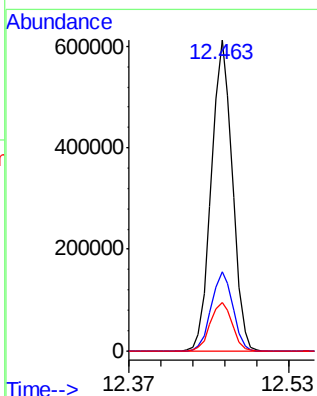
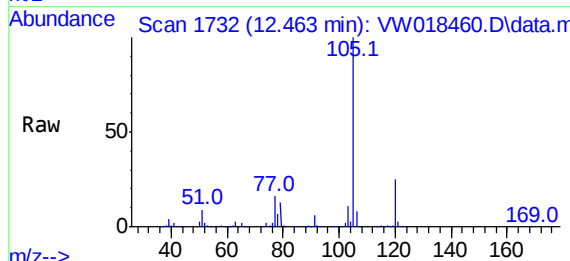




#57
Isopropylbenzene
Concen: 24.49 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

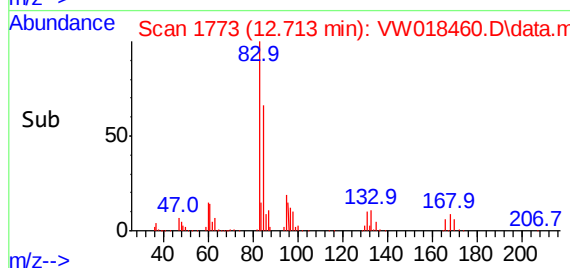
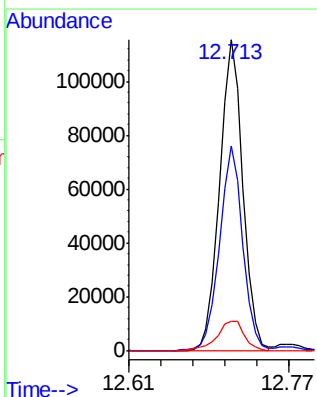
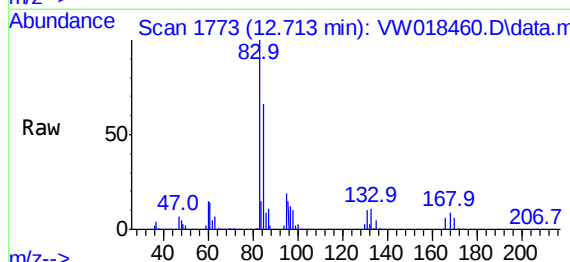
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

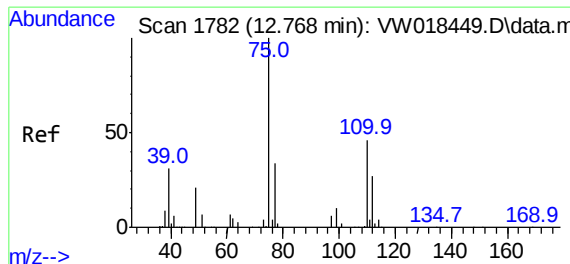
Tgt Ion: 105 Resp: 922689
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 26.08 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 83 Resp: 182682
Ion Ratio Lower Upper
83 100
85 65.9 49.0 91.0
131 9.6 8.7 13.1

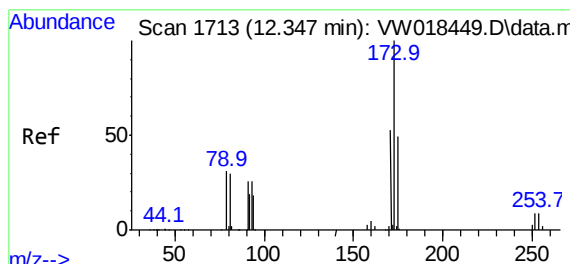
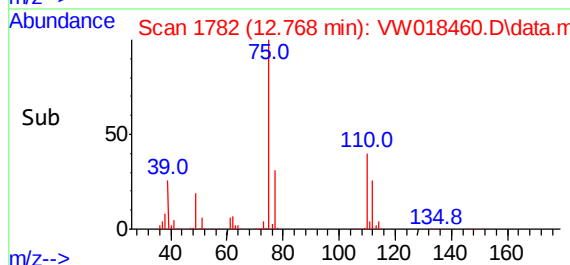
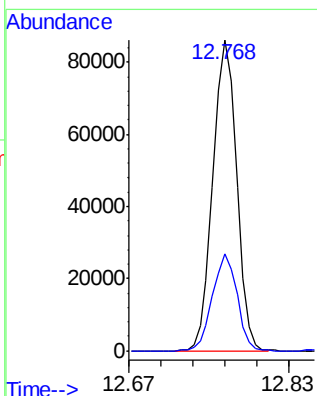
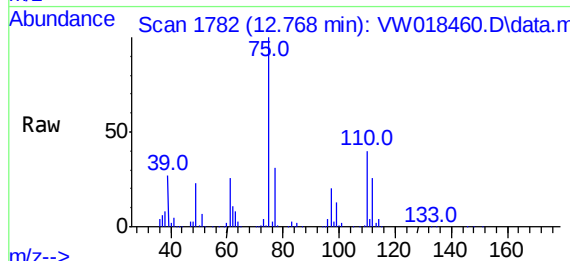




#59
1,2,3-Trichloropropane
Concen: 26.38 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

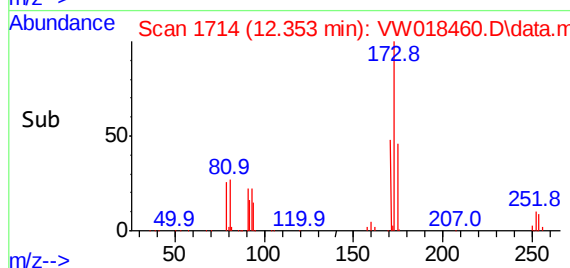
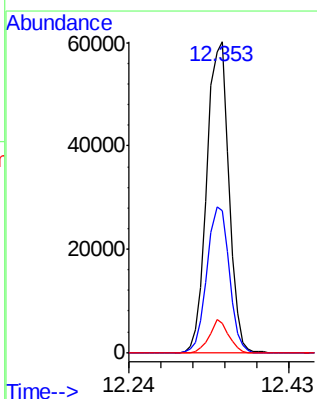
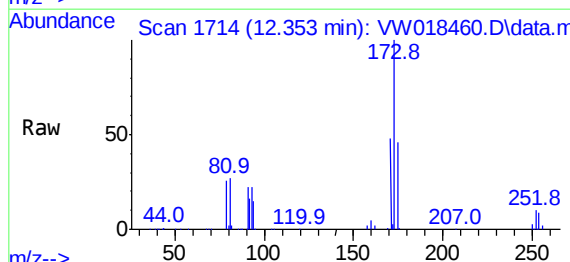
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

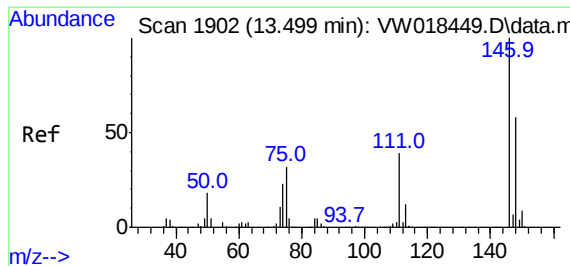
Tgt Ion: 75 Resp: 139478
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4



#62
Bromoform
Concen: 26.44 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 173 Resp: 104613
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 9.0 6.0 9.0

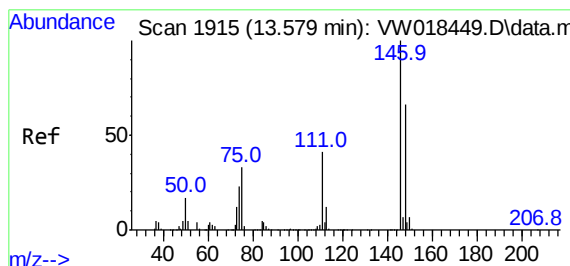
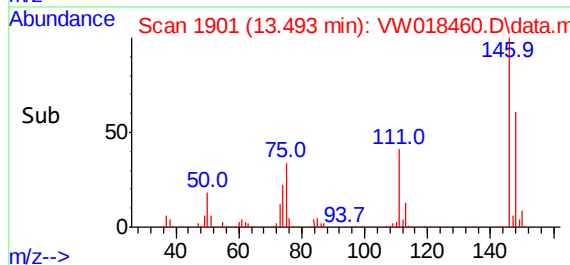
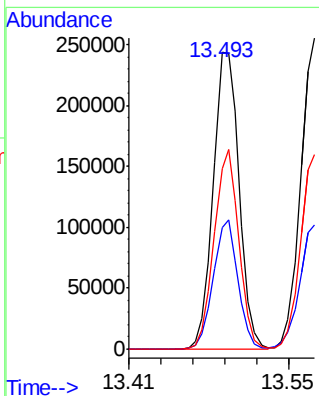
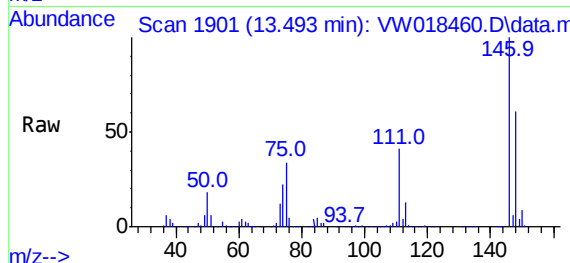




#63
1,3-Dichlorobenzene
Concen: 24.25 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

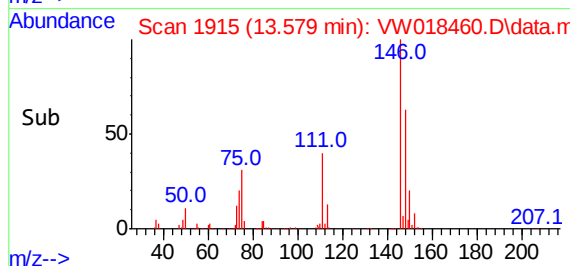
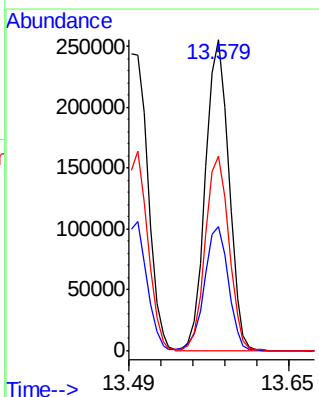
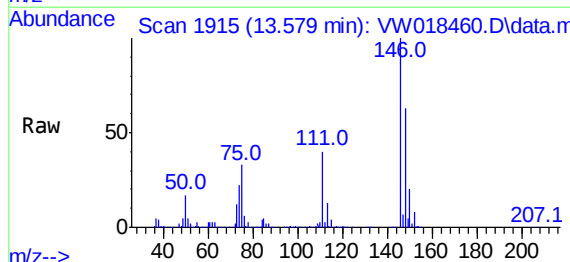
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

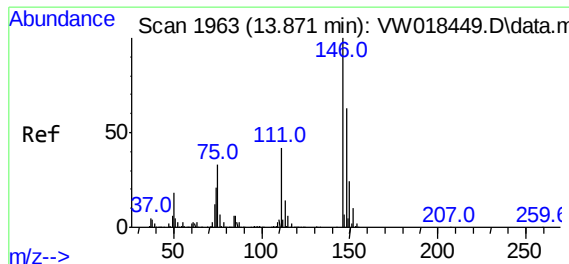
Tgt Ion:146 Resp: 400483
Ion Ratio Lower Upper
146 100
111 40.8 27.5 51.1
148 60.6 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 24.38 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion:146 Resp: 406239
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.5
148 62.6 47.3 87.9

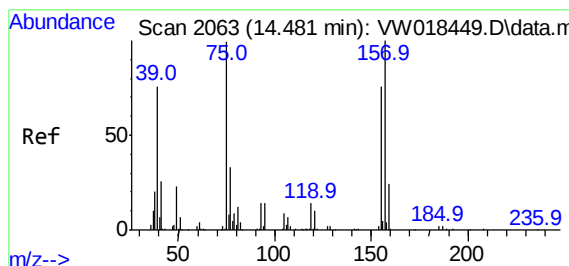
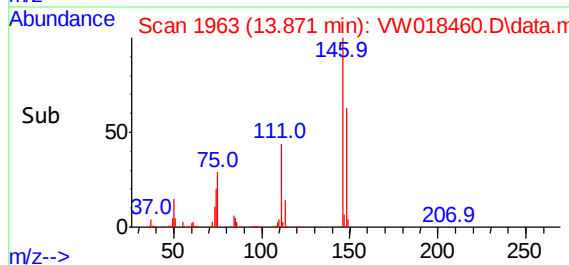
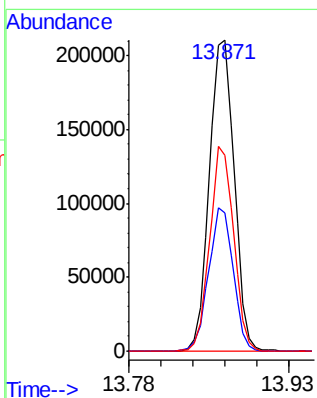
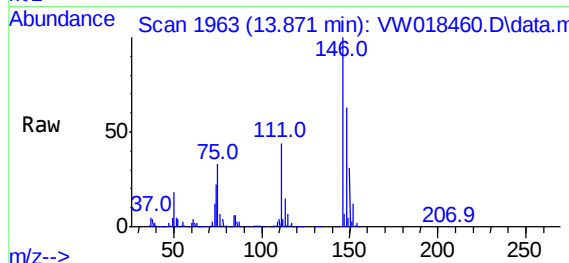




#65
1,2-Dichlorobenzene
Concen: 24.02 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

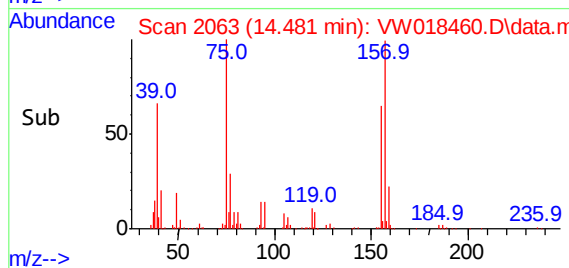
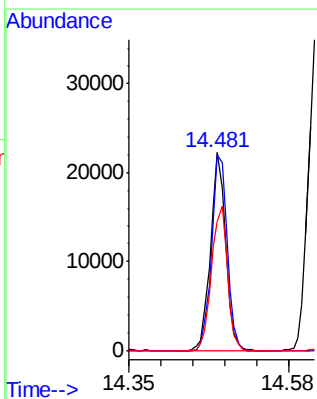
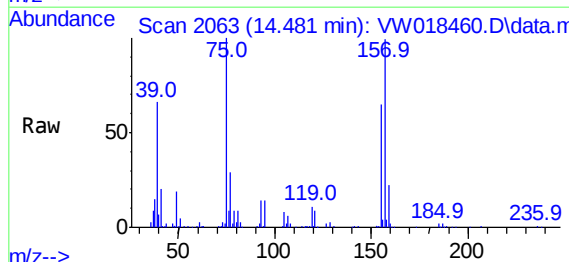
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

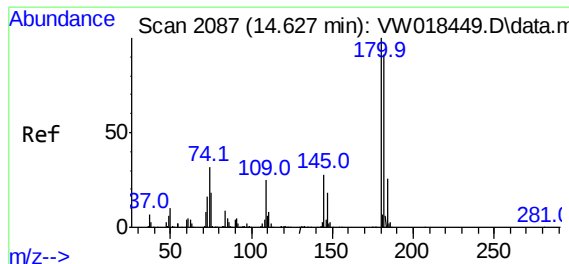
Tgt Ion:146 Resp: 354493
Ion Ratio Lower Upper
146 100
111 44.2 36.0 54.0
148 63.0 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 25.23 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion: 75 Resp: 33662
Ion Ratio Lower Upper
75 100
157 98.5 65.2 97.8#
155 65.4 60.1 90.1

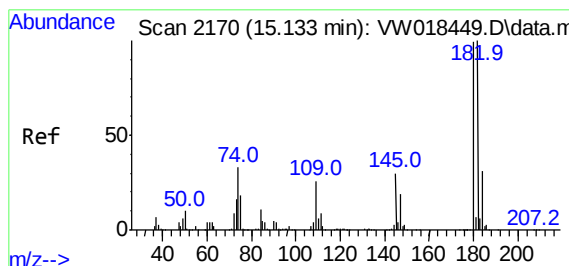
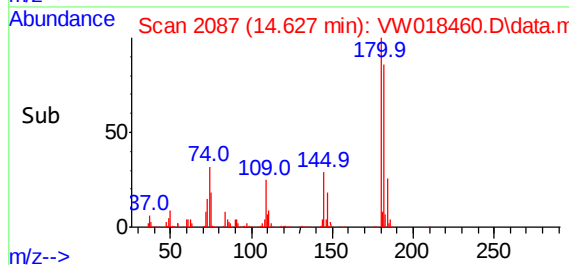
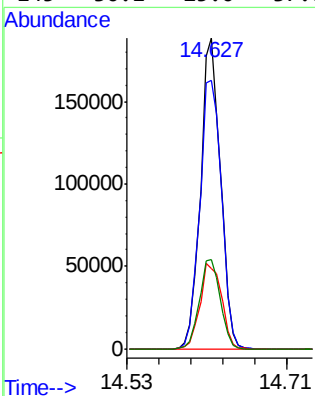
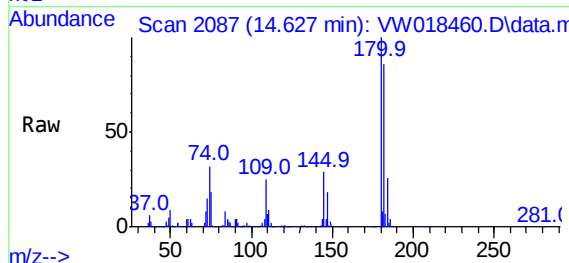




#67
 1,3,5-Trichlorobenzene
 Concen: 24.56 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

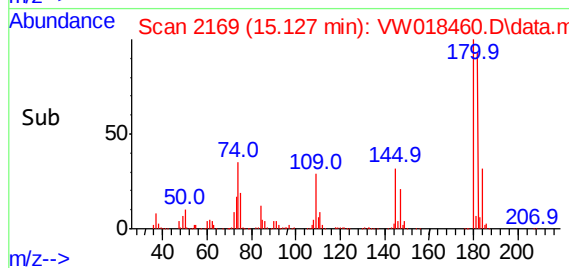
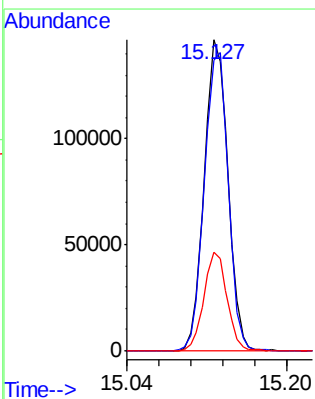
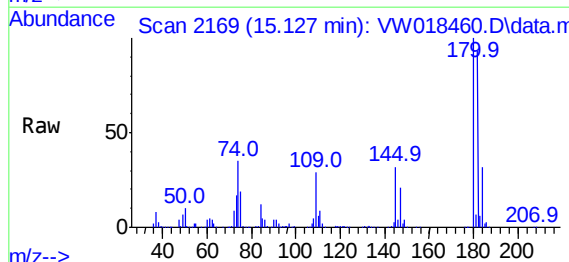
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

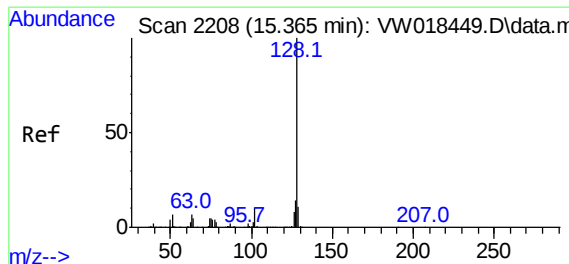
Tgt Ion:	180	Resp:	292497
Ion	Ratio	Lower	Upper
180	100		
182	94.5	71.8	107.8
184	29.6	23.5	35.3
145	30.1	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 24.61 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018460.D
 Acq: 26 Mar 2021 09:55

Tgt Ion:	180	Resp:	249374
Ion	Ratio	Lower	Upper
180	100		
182	96.8	70.2	105.4
145	30.7	24.9	37.3

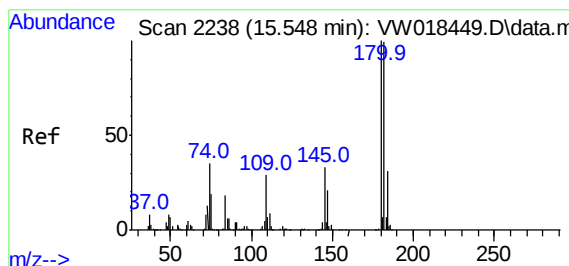
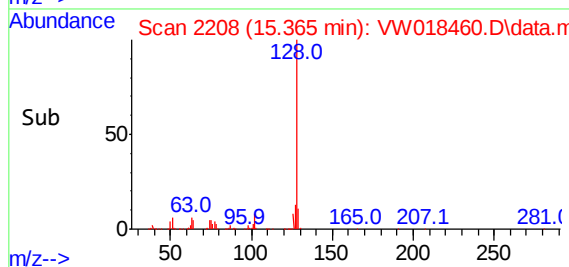
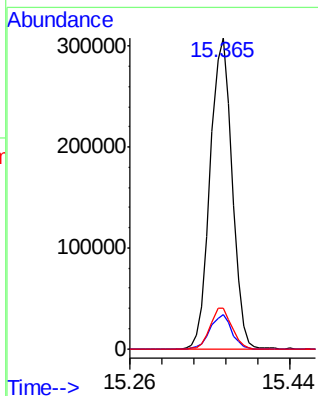
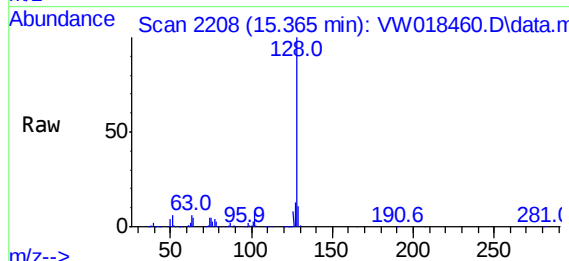




#69
Naphthalene
Concen: 25.42 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion:128 Resp: 536274
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 23.88 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018460.D
Acq: 26 Mar 2021 09:55

Tgt Ion:180 Resp: 211169
Ion Ratio Lower Upper
180 100
182 98.0 76.5 114.7
145 34.2 27.7 41.5

