

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033021\
 Data File : VW018496.D
 Acq On : 30 Mar 2021 09:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Mar 31 01:07:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	424046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	384233	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	200428	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122518	20.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.04%		
7) Chloroethane-d5	2.892	69	120191	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.08%		
10) 1,1-Dichloroethene-d2	4.025	63	231997	22.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.08%		
20) 2-Butanone-d5	7.074	46	64135	48.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.64%		
24) Chloroform-d	7.647	84	267834	24.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.20%		
26) 1,2-Dichloroethane-d4	8.305	65	155636	24.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.72%		
29) Benzene-d6	8.275	84	477382	23.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.48%		
33) 1,2-Dichloropropane-d6	9.275	67	146458	24.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.44%		
37) Toluene-d8	10.323	98	465750	23.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.72%		
38) trans-1,3-Dichloroprop...	10.579	79	71048	23.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.52%		
39) 2-Hexanone-d5	10.921	63	55484	48.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.24%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	138986	26.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	176418	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	119482	24.53	ug/L	95
3) Chloromethane	2.215	50	147438	24.01	ug/L	100
5) Vinyl chloride	2.367	62	231283	28.69	ug/L	99
6) Bromomethane	2.782	94	165131	28.36	ug/L	100
8) Chloroethane	2.928	64	146680	29.18	ug/L	98
9) Trichlorofluoromethane	3.263	101	104831	25.85	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	150672	28.89	ug/L	96
12) 1,1-Dichloroethene	4.044	96	147058	27.63	ug/L	94
13) Acetone	4.123	43	46335	49.10	ug/L	99
14) Carbon disulfide	4.385	76	416290	25.97	ug/L	100
15) Methyl Acetate	4.666	43	57042	26.43	ug/L	98
16) Methylene chloride	4.916	84	150401	21.62	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	201207	25.87	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	160545	27.32	ug/L	97
19) 1,1-Dichloroethane	6.214	63	275778	27.50	ug/L	99
21) 2-Butanone	7.165	43	76945	51.32	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	169341	27.40	ug/L	97
23) Bromochloromethane	7.513	128	76865	28.10	ug/L	89
25) Chloroform	7.671	83	299104	28.11	ug/L	99
27) 1,2-Dichloroethane	8.403	62	212427	28.14	ug/L	98

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

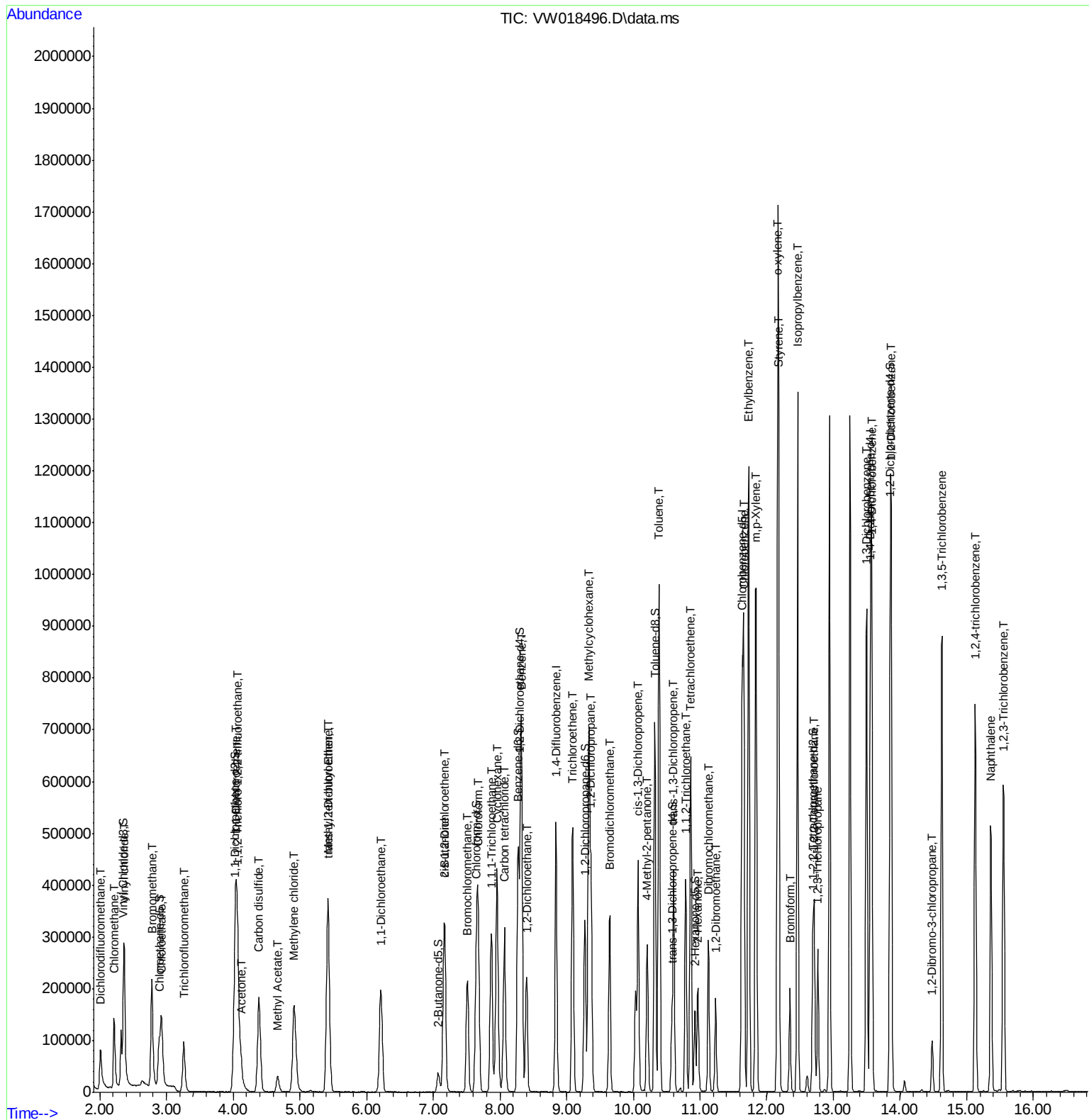
30) Cyclohexane	7.958	56	243419	26.69	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	244991	28.53	ug/L	97
32) Carbon tetrachloride	8.067	117	231023	28.87	ug/L	100
34) Benzene	8.323	78	633633	28.47	ug/L	100
35) Trichloroethene	9.092	95	173525	28.23	ug/L	98
36) Methylcyclohexane	9.335	83	296824	27.57	ug/L	99
40) 1,2-Dichloropropane	9.366	63	153106	28.13	ug/L	97
41) Bromodichloromethane	9.646	83	219967	28.59	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	258441	28.08	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	174010	53.16	ug/L	96
44) Toluene	10.384	91	717499	28.36	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	229733	27.79	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	121868	28.08	ug/L	98
47) Tetrachloroethene	10.860	164	131239	28.11	ug/L	96
49) 2-Hexanone	10.969	43	119632	51.65	ug/L	98
50) Dibromochloromethane	11.128	129	145403	28.41	ug/L	97
51) 1,2-Dibromoethane	11.232	107	119397	27.78	ug/L	95
52) Chlorobenzene	11.658	112	453871	28.29	ug/L	95
53) Ethylbenzene	11.731	91	834304	29.25	ug/L	100
54) m,p-Xylene	11.841	106	311771	28.60	ug/L	100
55) o-xylene	12.164	106	303143	29.18	ug/L	98
56) Styrene	12.183	104	511864	28.89	ug/L	97
57) Isopropylbenzene	12.463	105	825396	29.21	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	149628	28.48	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	110056	27.75	ug/L	98
62) Bromoform	12.347	173	82430	26.82	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	353157	27.53	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	366135	28.28	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	326066	28.44	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	25587	24.69	ug/L	91
67) 1,3,5-Trichlorobenzene	14.627	180	262320	28.35	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	224039	28.46	ug/L	95
69) Naphthalene	15.359	128	433144	26.43	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	196297	28.58	ug/L	98

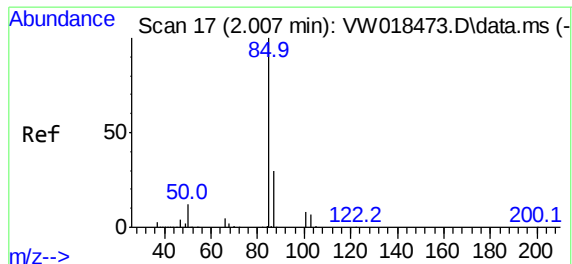
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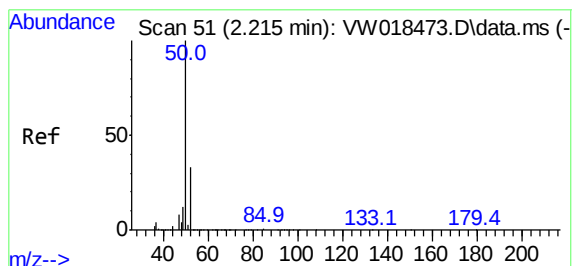
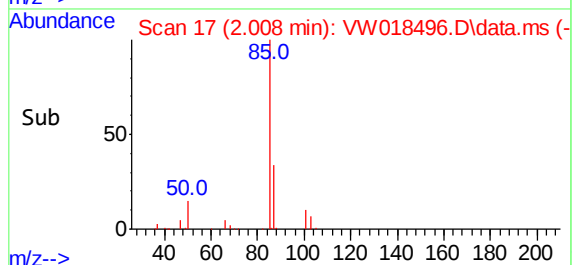
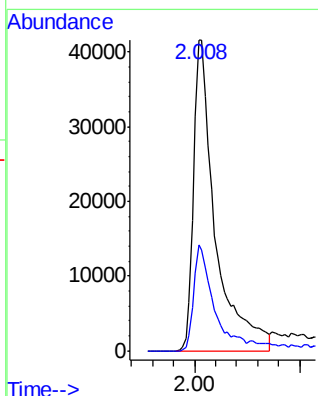
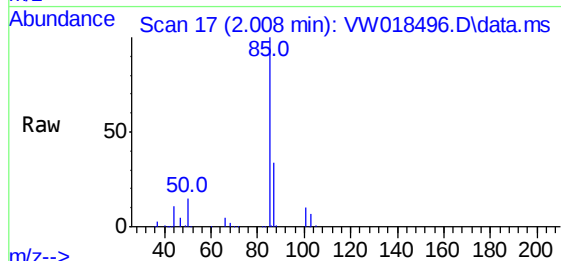




#2
Dichlorodifluoromethane
Concen: 24.53 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

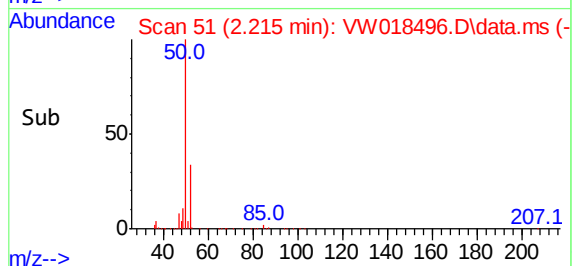
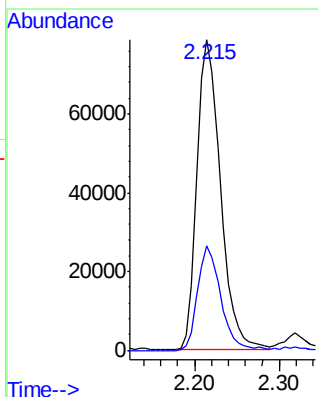
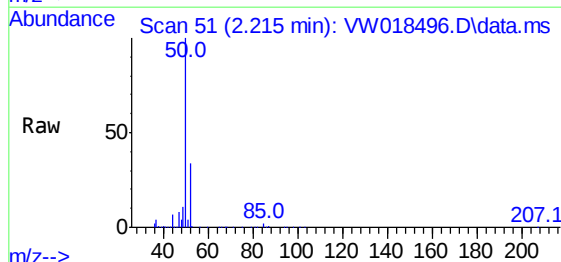
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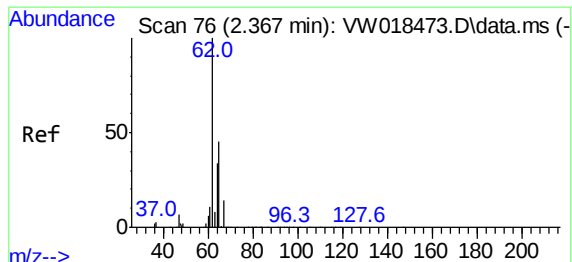
Tgt Ion: 85 Resp: 119482
Ion Ratio Lower Upper
85 100
87 28.8 22.2 41.2



#3
Chloromethane
Concen: 24.01 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 50 Resp: 147438
Ion Ratio Lower Upper
50 100
52 33.6 23.7 43.9

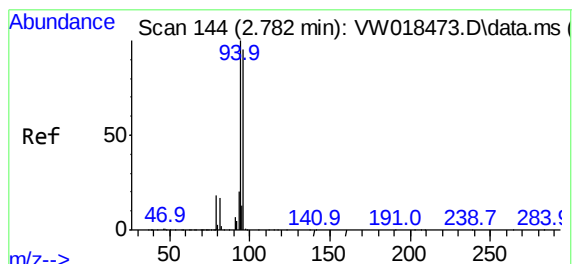
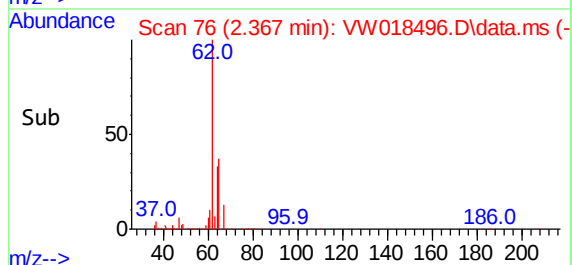
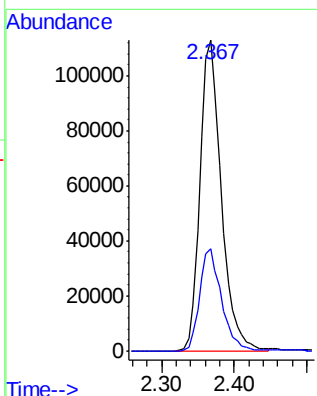
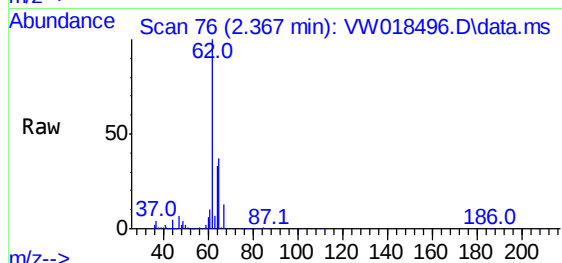




#5
 Vinyl chloride
 Concen: 28.69 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018496.D
 Acq: 30 Mar 2021 09:38

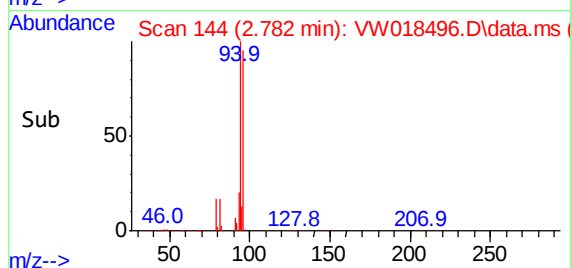
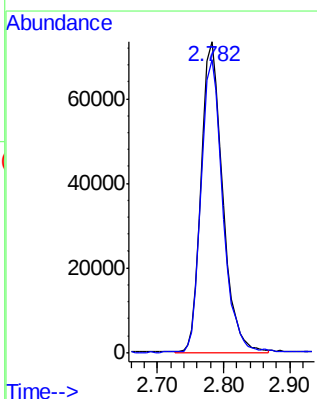
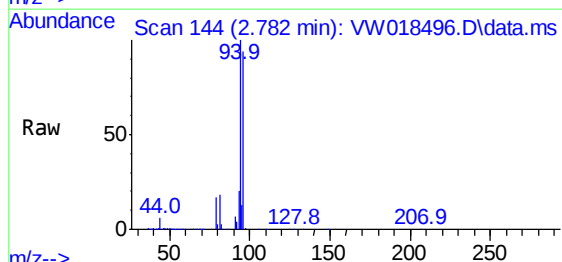
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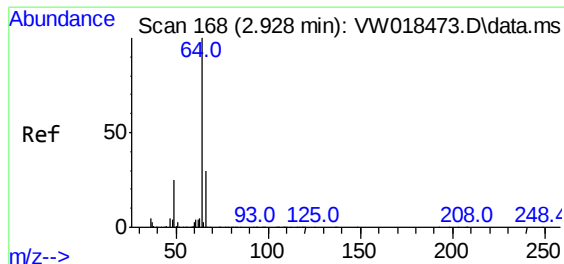
Tgt Ion: 62 Resp: 231283
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#6
 Bromomethane
 Concen: 28.36 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018496.D
 Acq: 30 Mar 2021 09:38

Tgt Ion: 94 Resp: 165131
 Ion Ratio Lower Upper
 94 100
 96 94.8 9.4 179.4

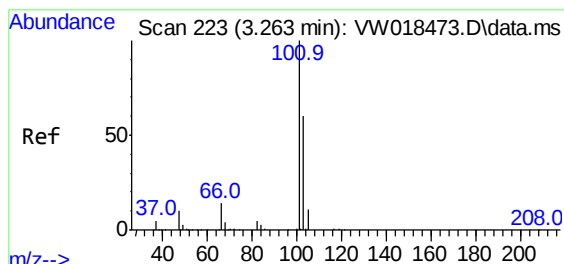
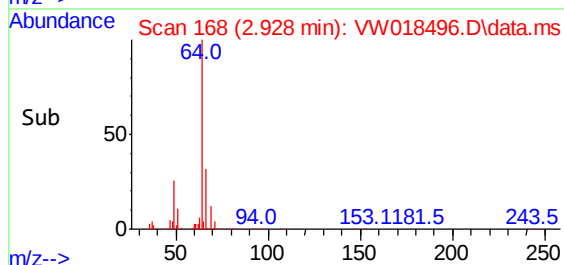
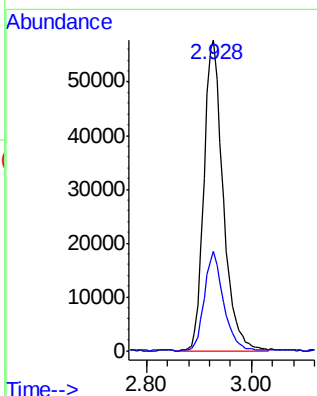
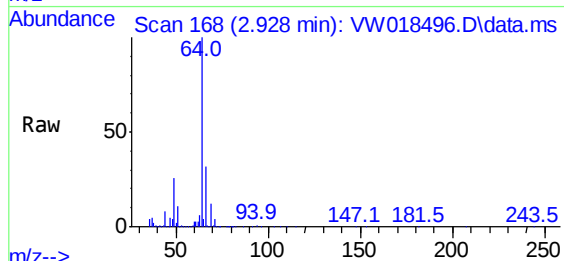




#8
Chloroethane
Concen: 29.18 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

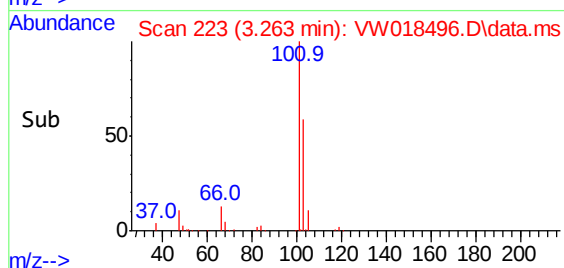
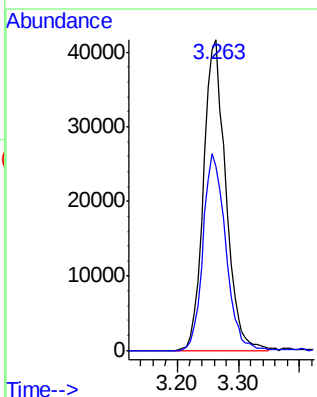
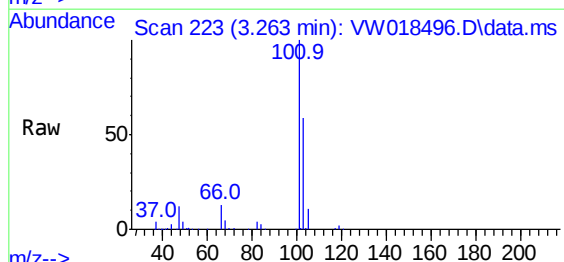
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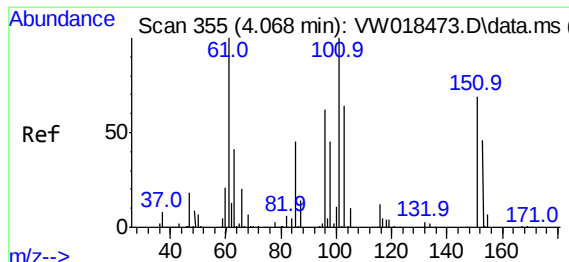
Tgt Ion: 64 Resp: 146680
Ion Ratio Lower Upper
64 100
66 32.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 25.85 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 101 Resp: 104831
Ion Ratio Lower Upper
101 100
103 64.3 45.6 84.8

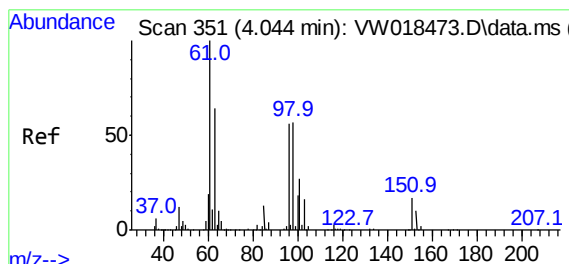
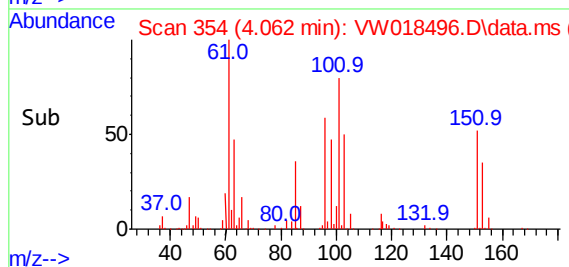
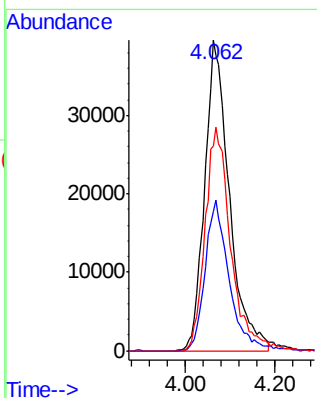
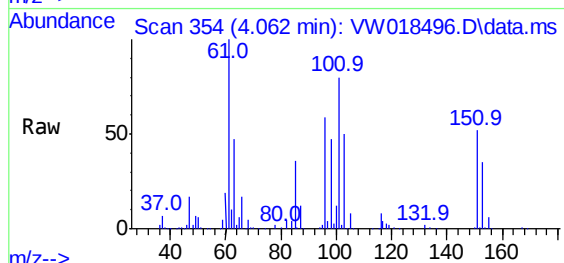




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.89 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW018496.D
 Acq: 30 Mar 2021 09:38

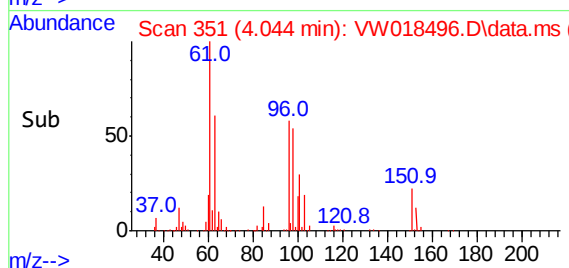
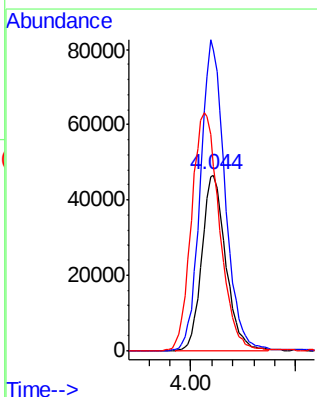
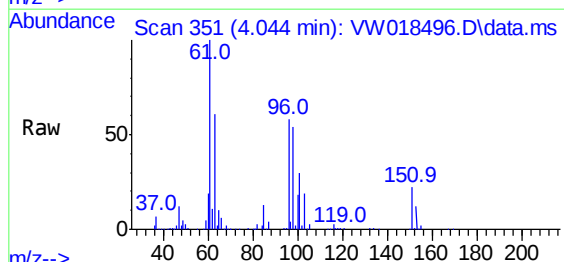
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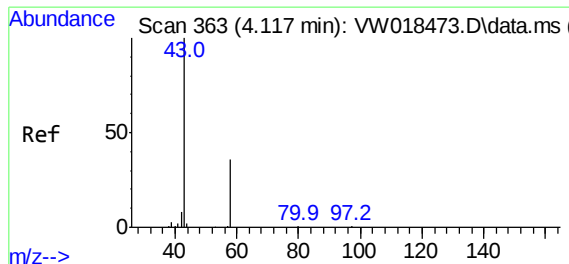
Tgt Ion:101 Resp: 150672
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.6 53.4
 151 68.4 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 27.63 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018496.D
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Tgt Ion: 96 Resp: 147058
 Ion Ratio Lower Upper
 96 100
 61 171.5 118.6 220.2
 63 104.9 82.4 153.0

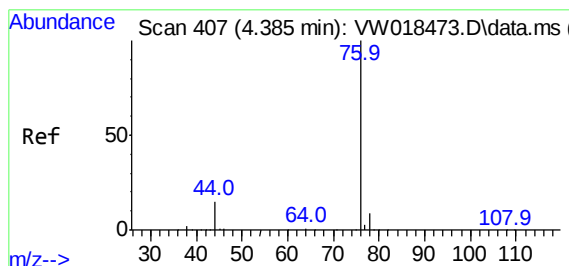
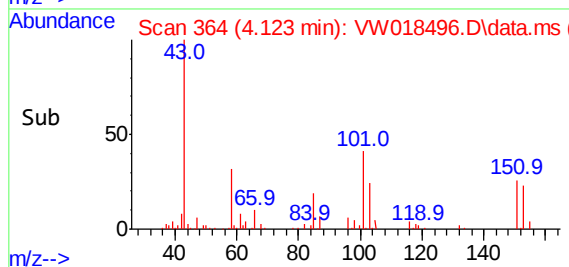
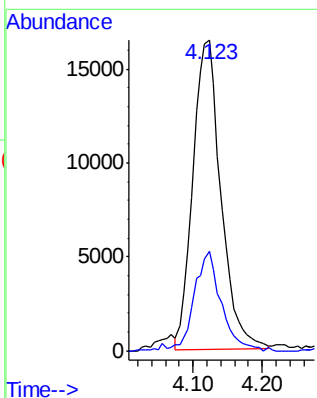
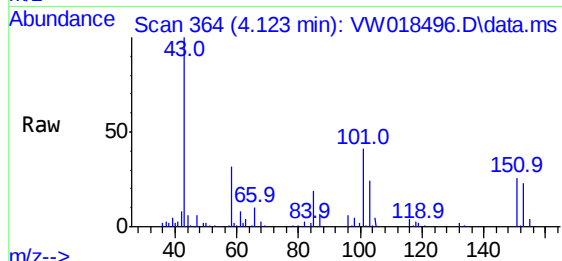




#13
Acetone
Concen: 49.10 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

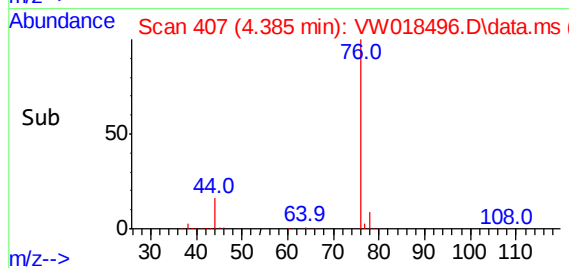
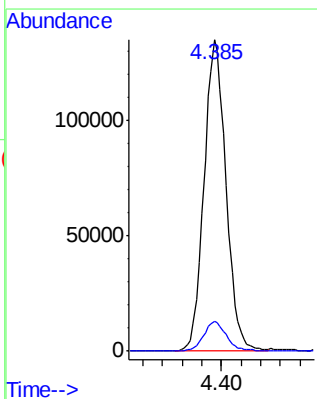
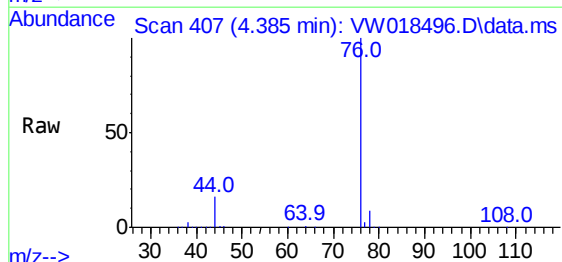
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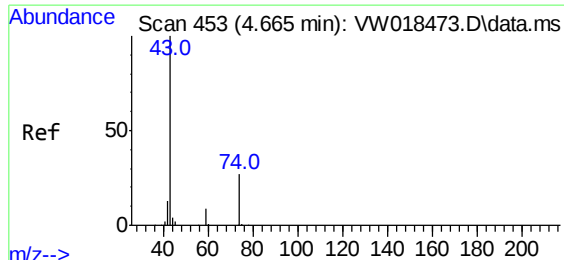
Tgt Ion: 43 Resp: 46335
Ion Ratio Lower Upper
43 100
58 30.4 0.0 62.2



#14
Carbon disulfide
Concen: 25.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 416290
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

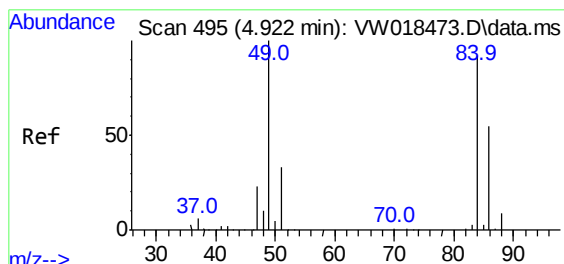
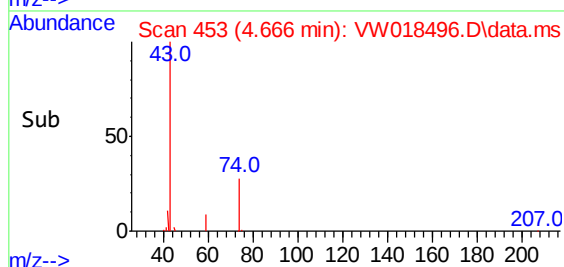
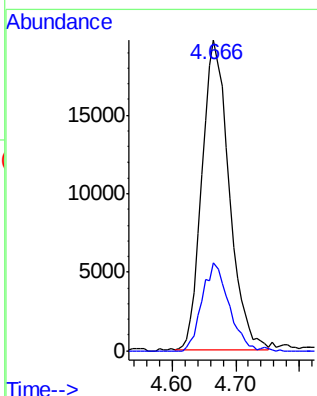
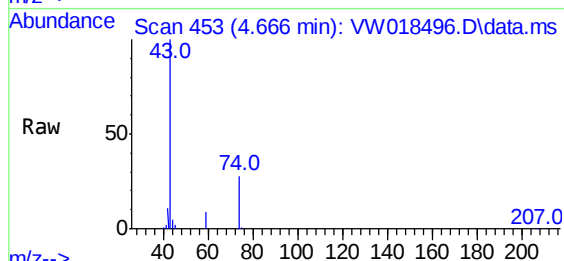




#15
Methyl Acetate
Concen: 26.43 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

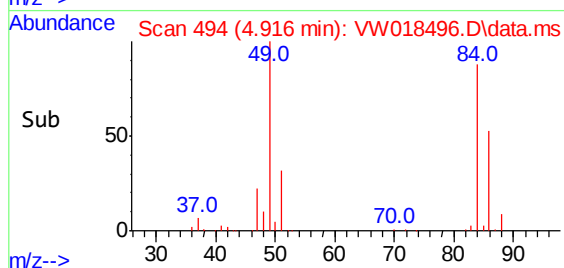
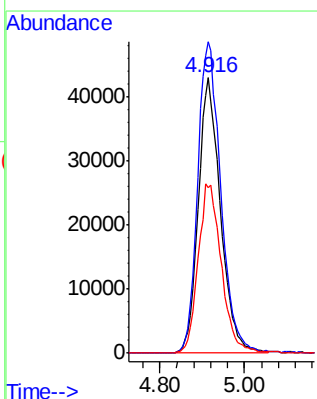
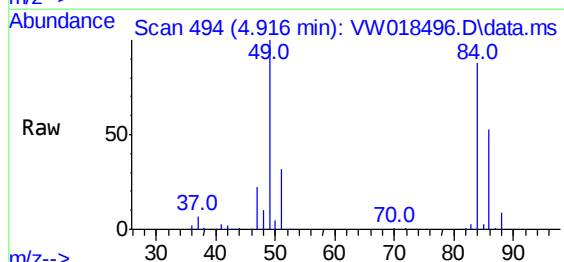
Instrument :
MSVOA_W
ClientSampled :
VSTD02520

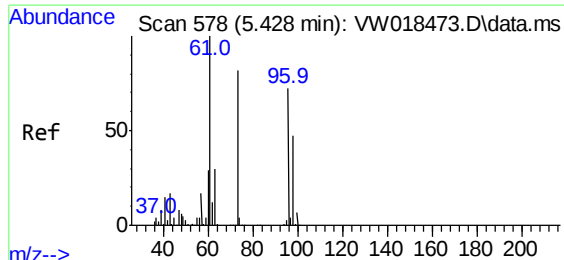
Tgt Ion: 43 Resp: 57042
Ion Ratio Lower Upper
43 100
74 27.8 22.9 34.3



#16
Methylene chloride
Concen: 21.62 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 84 Resp: 150401
Ion Ratio Lower Upper
84 100
49 113.1 74.4 138.2
86 60.0 46.1 85.7



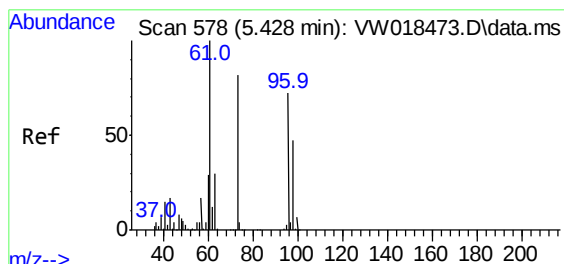
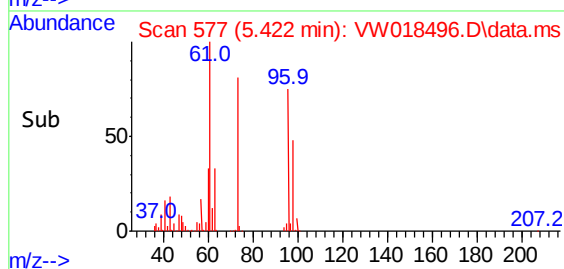
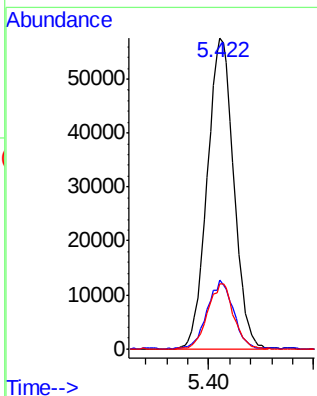
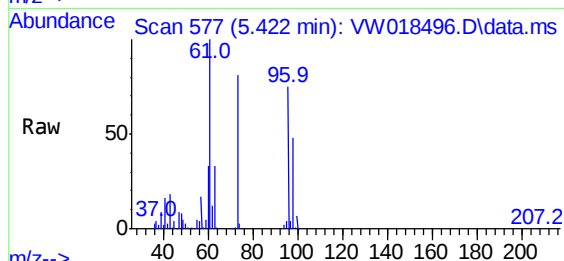


#17
Methyl tert-butyl Ether
Concen: 25.87 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 73 Resp: 201207

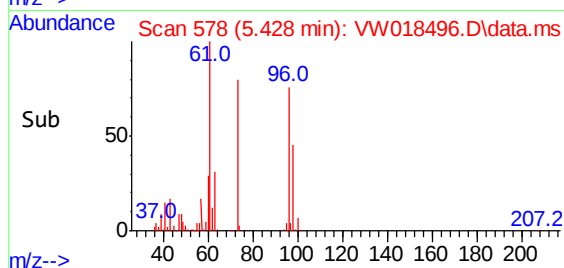
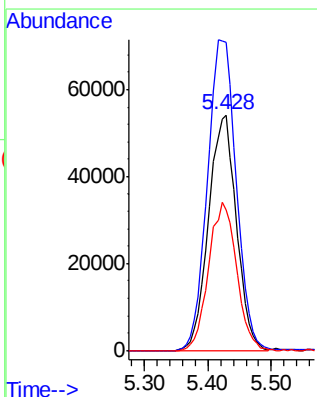
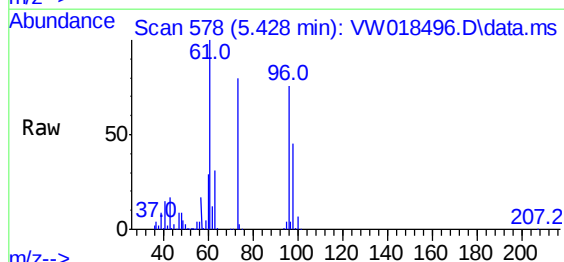
Ion	Ratio	Lower	Upper
73	100		
43	21.7	16.6	24.8
57	20.6	15.9	23.9

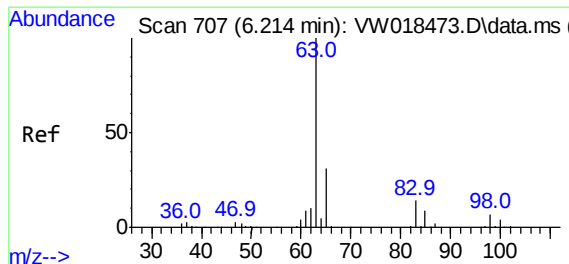


#18
trans-1,2-Dichloroethene
Concen: 27.32 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 96 Resp: 160545

Ion	Ratio	Lower	Upper
96	100		
61	131.0	93.3	173.3
98	59.4	45.2	84.0

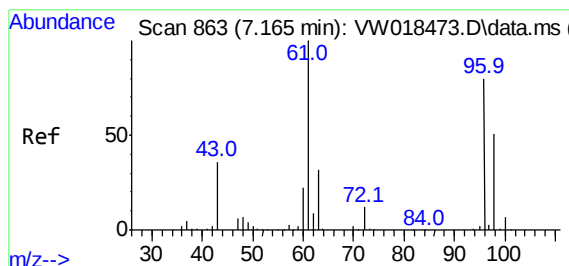
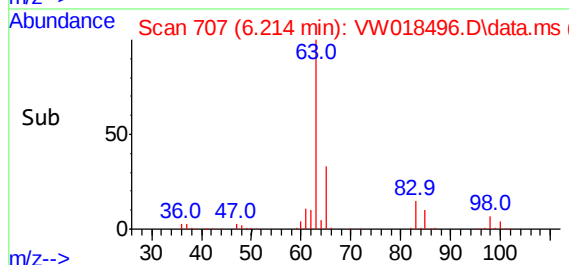
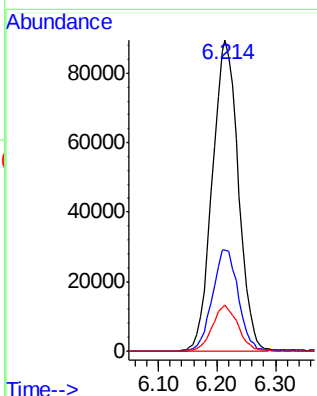
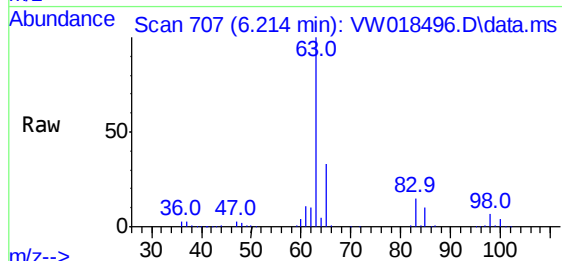




#19
1,1-Dichloroethane
Concen: 27.50 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

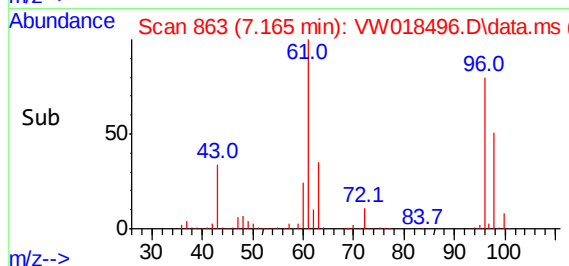
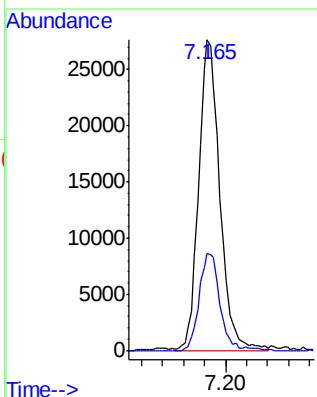
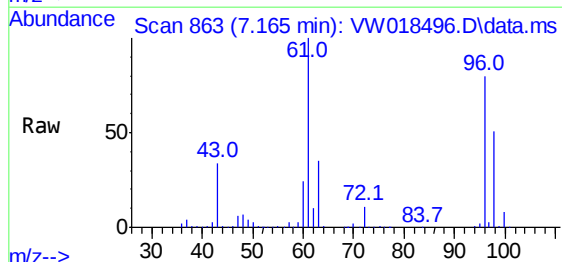
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

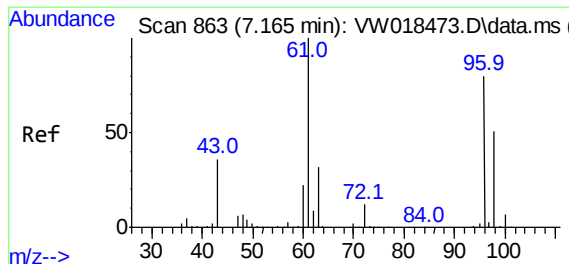
Tgt Ion: 63 Resp: 275778
Ion Ratio Lower Upper
63 100
65 32.5 23.5 43.7
83 14.8 10.3 19.1



#21
2-Butanone
Concen: 51.32 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 43 Resp: 76945
Ion Ratio Lower Upper
43 100
72 30.2 16.5 49.5



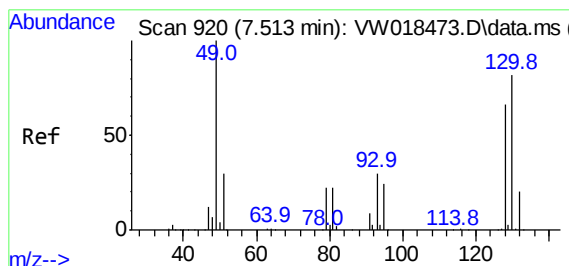
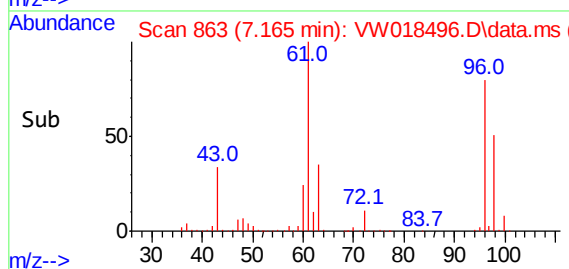
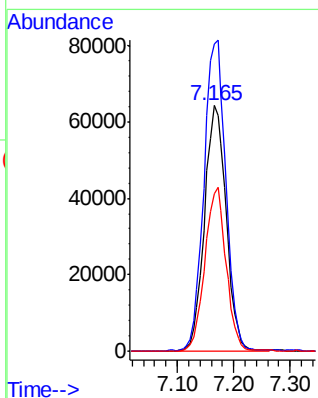
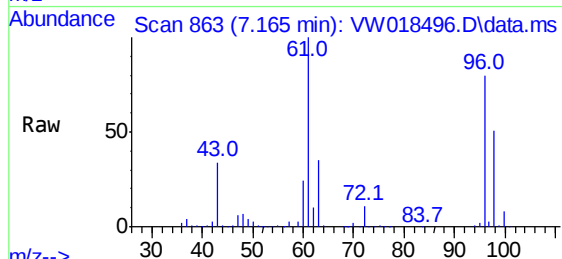


#22
 cis-1,2-Dichloroethene
 Concen: 27.40 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW018496.D
 Acq: 30 Mar 2021 09:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Tgt Ion: 96 Resp: 169341

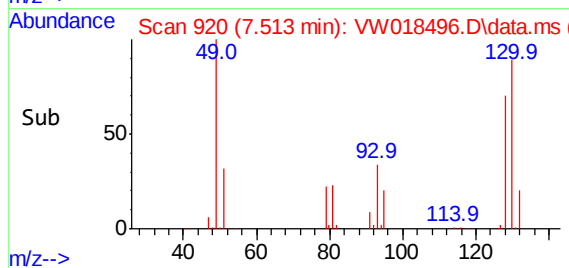
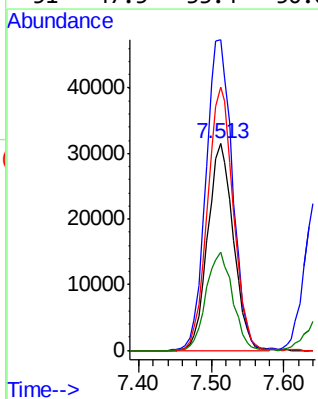
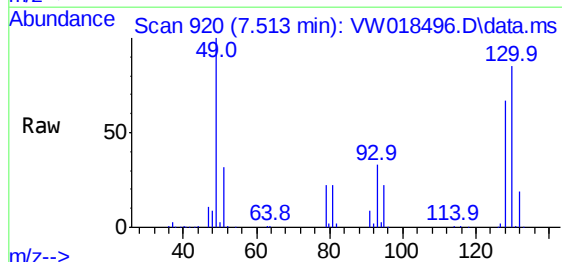
Ion	Ratio	Lower	Upper
96	100		
61	125.4	84.8	157.6
98	64.0	45.1	83.9

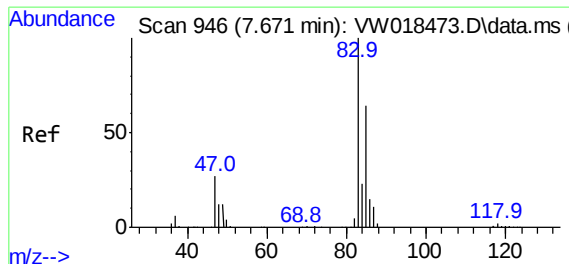


#23
 Bromochloromethane
 Concen: 28.10 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW018496.D
 Acq: 30 Mar 2021 09:38

Tgt Ion: 128 Resp: 76865

Ion	Ratio	Lower	Upper
128	100		
49	150.2	92.4	171.6
130	127.4	83.9	155.7
51	47.5	33.4	50.0

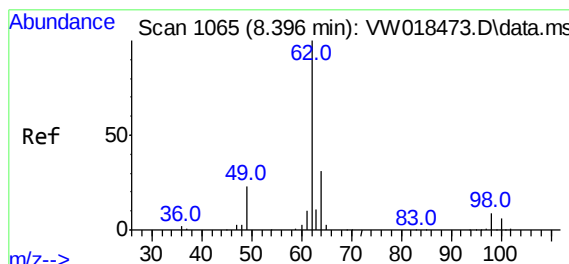
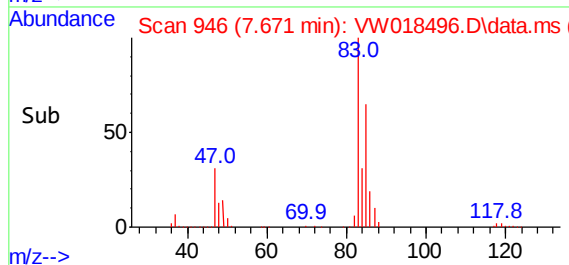
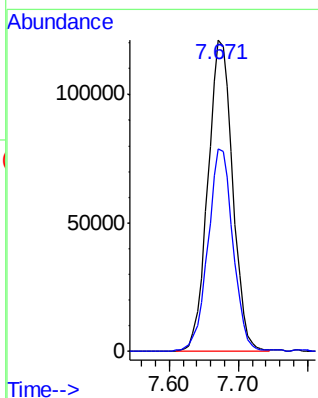
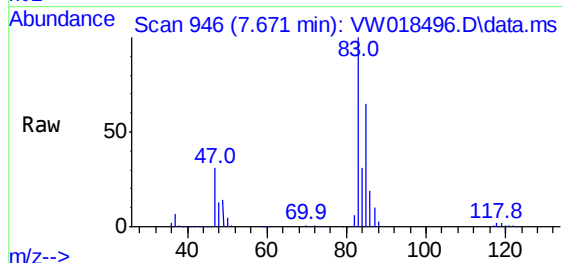




#25
Chloroform
Concen: 28.11 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

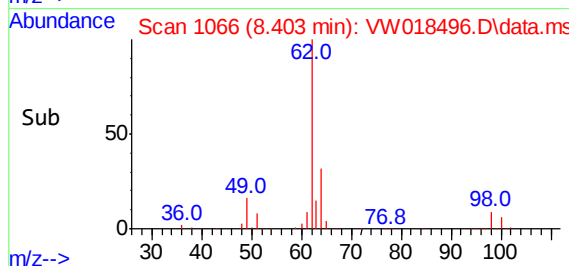
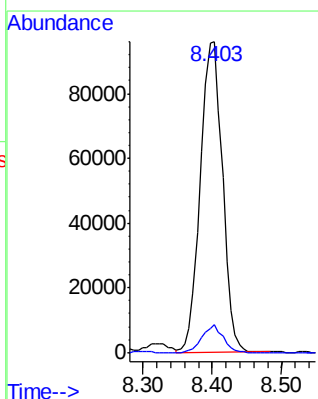
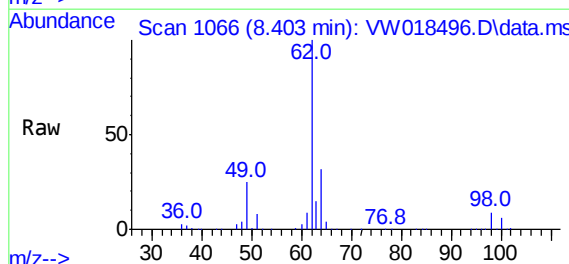
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

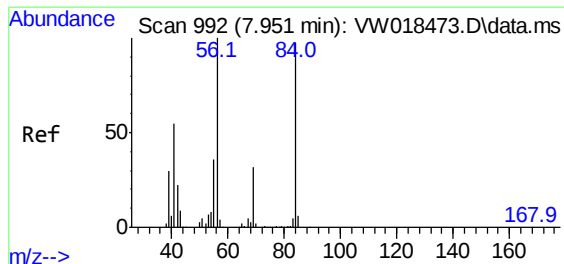
Tgt Ion: 83 Resp: 299104
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 28.14 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 62 Resp: 212427
Ion Ratio Lower Upper
62 100
98 8.9 6.4 9.6

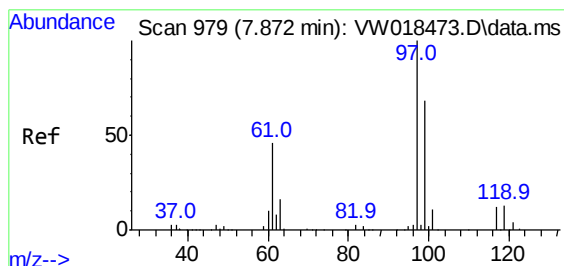
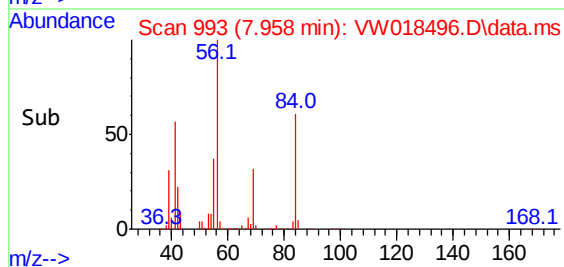
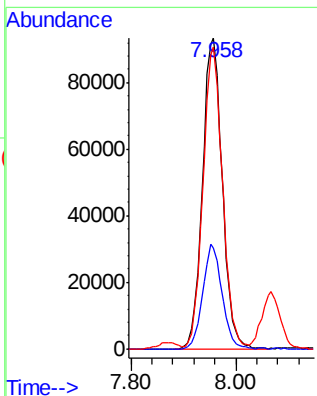
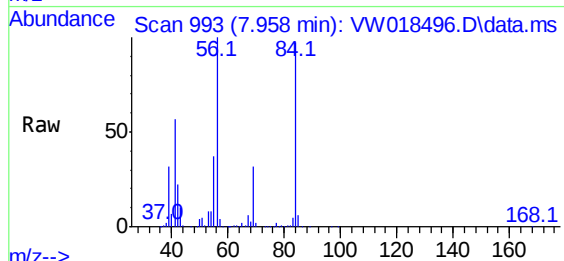




#30
Cyclohexane
Concen: 26.69 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

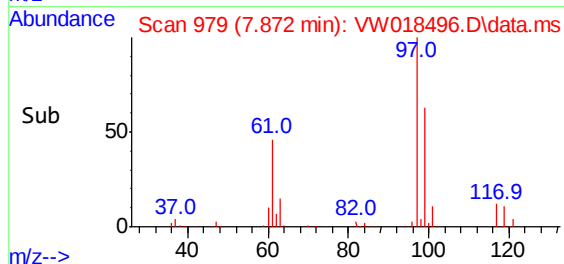
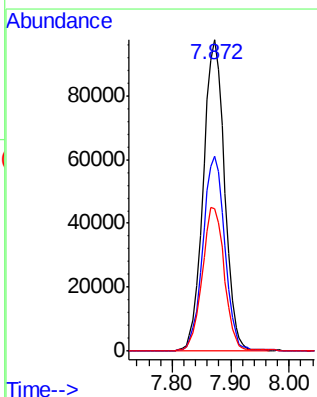
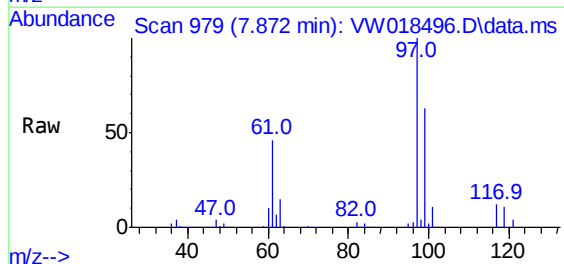
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

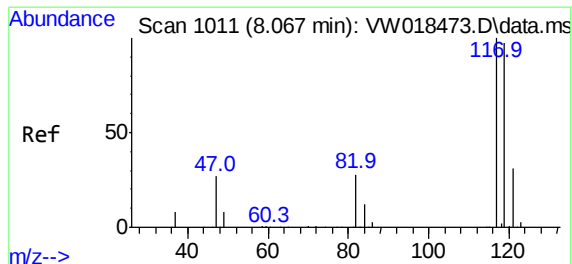
Tgt Ion: 56 Resp: 243419
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 96.0 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 28.53 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 97 Resp: 244991
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 47.5 34.8 52.2

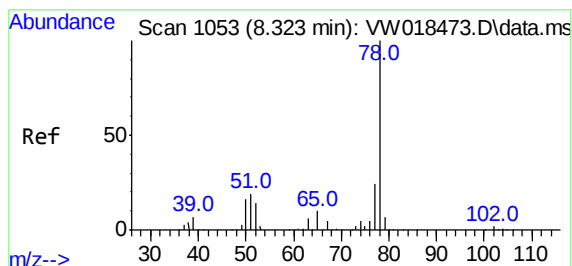
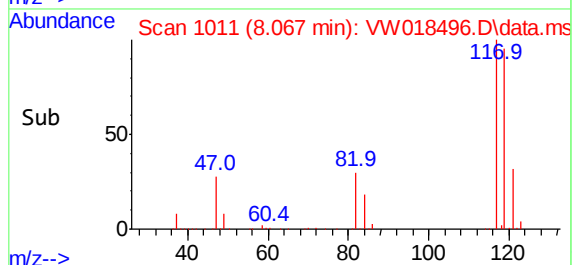
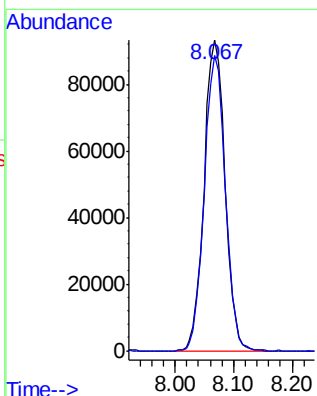
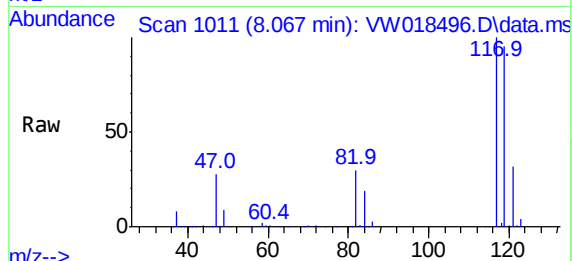




#32
Carbon tetrachloride
Concen: 28.87 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

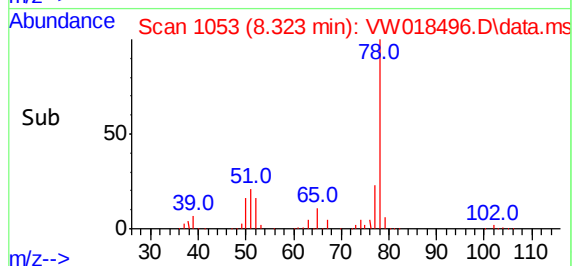
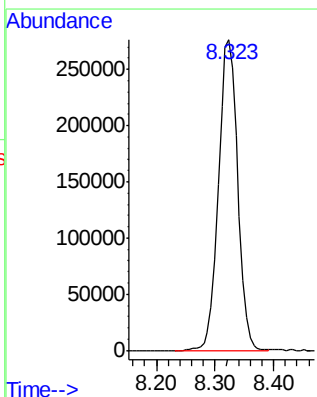
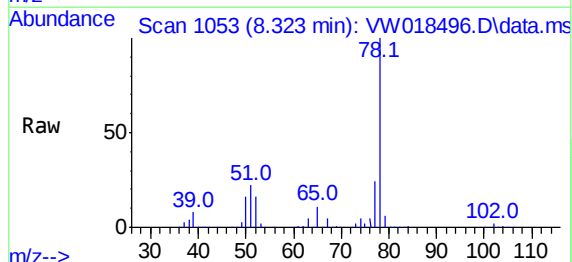
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

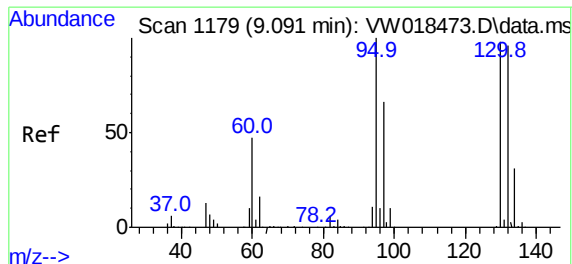
Tgt Ion:117 Resp: 231023
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#34
Benzene
Concen: 28.47 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 78 Resp: 633633

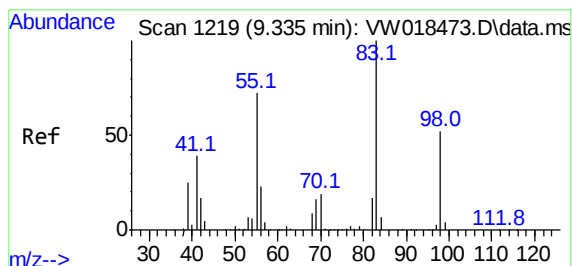
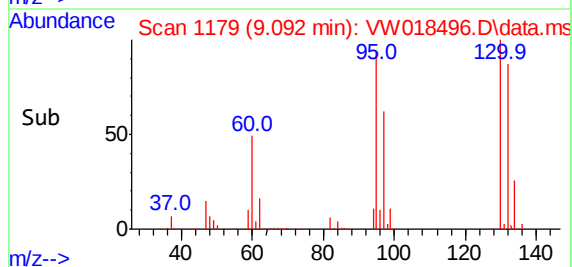
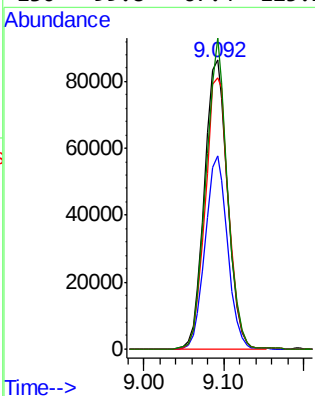
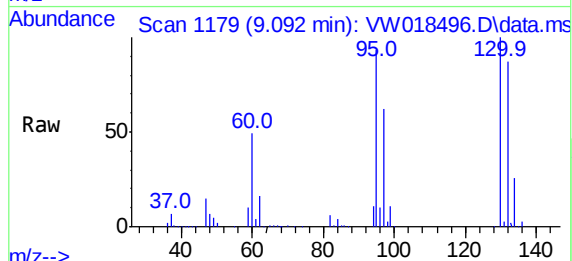




#35
Trichloroethene
Concen: 28.23 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

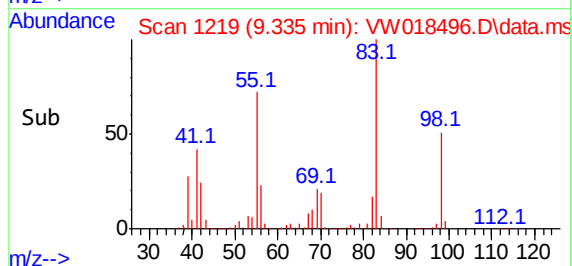
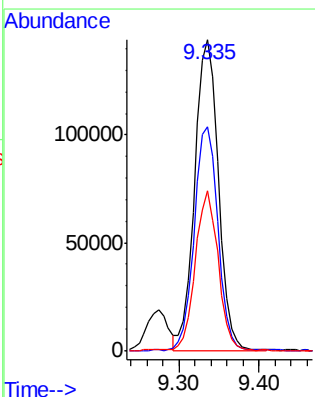
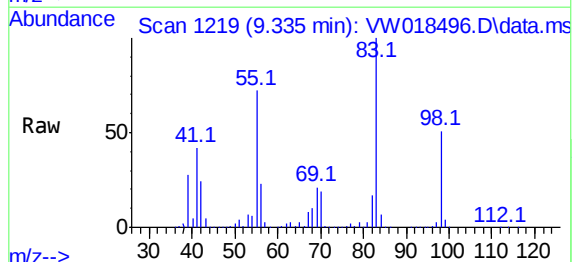
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

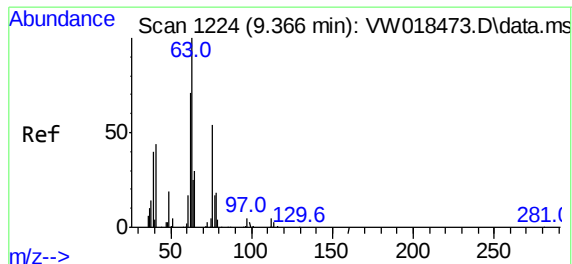
Tgt Ion: 95 Resp: 173525
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 93.9 65.9 122.5
130 99.8 67.4 125.2



#36
Methylcyclohexane
Concen: 27.57 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 83 Resp: 296824
Ion Ratio Lower Upper
83 100
55 71.7 56.8 85.2
98 49.4 40.6 61.0

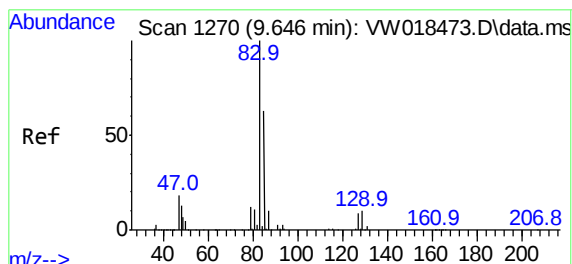
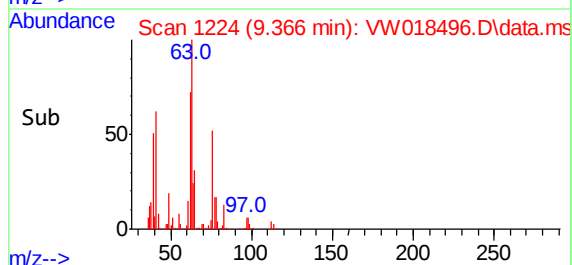
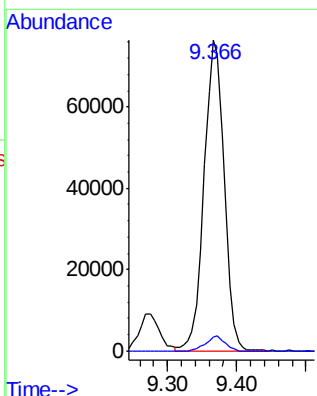
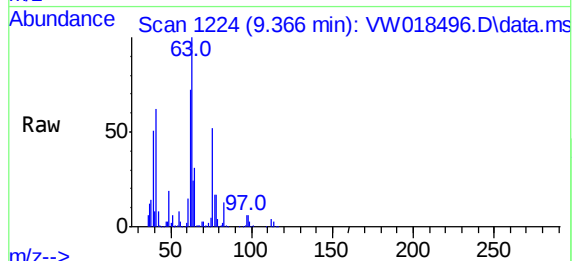




#40
1,2-Dichloropropane
Concen: 28.13 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

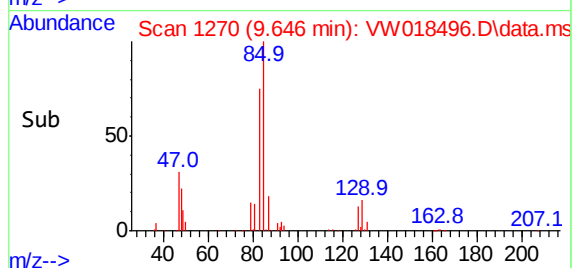
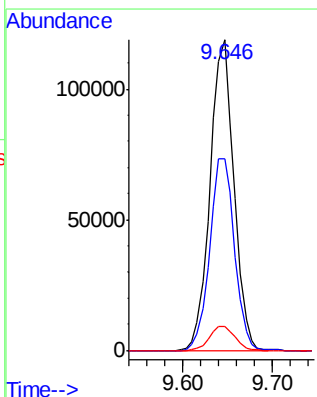
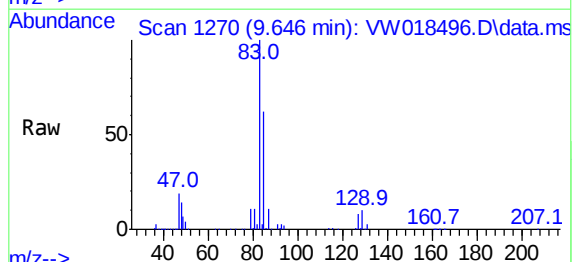
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

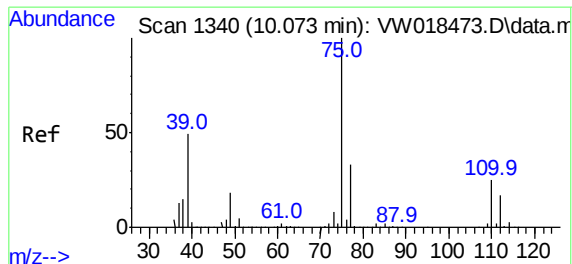
Tgt Ion: 63 Resp: 153106
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.4



#41
Bromodichloromethane
Concen: 28.59 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 83 Resp: 219967
Ion Ratio Lower Upper
83 100
85 61.7 43.8 81.4
127 7.8 6.9 10.3

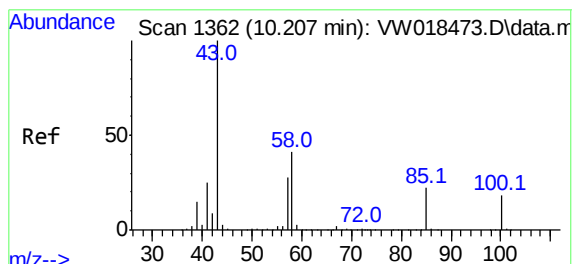
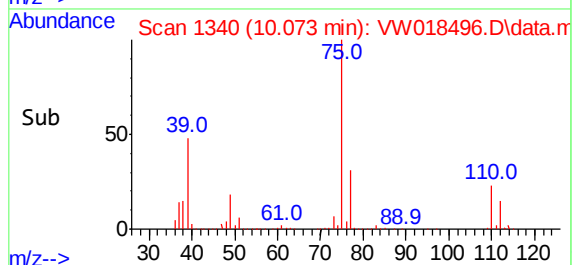
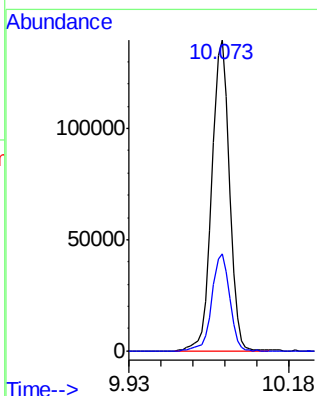
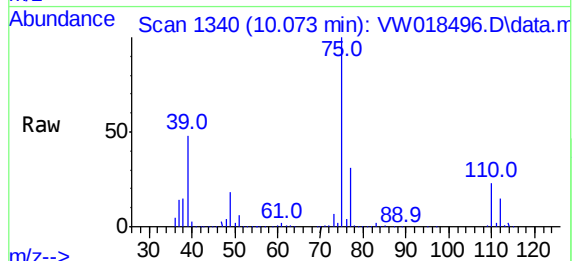




#42
cis-1,3-Dichloropropene
Concen: 28.08 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

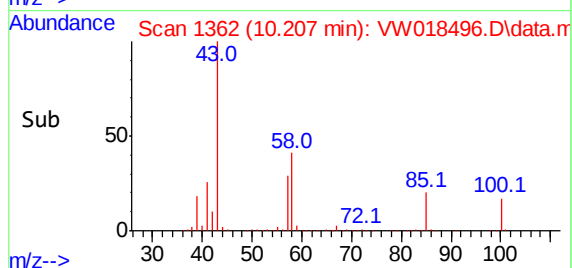
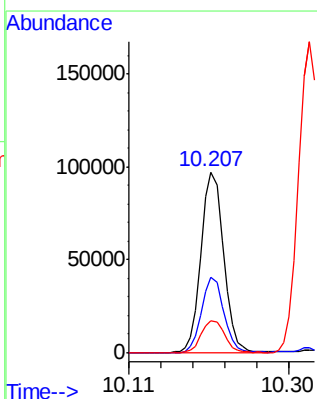
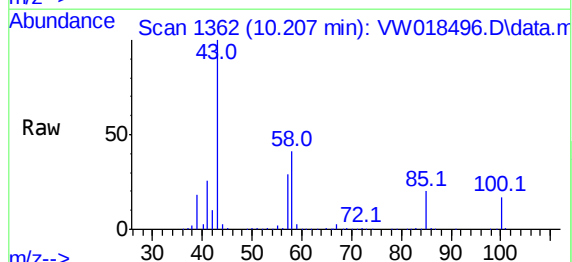
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

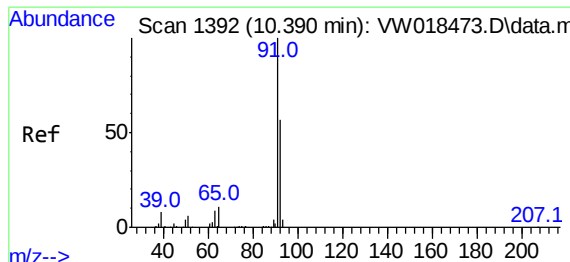
Tgt Ion: 75 Resp: 258441
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 53.16 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 43 Resp: 174010
Ion Ratio Lower Upper
43 100
58 40.9 34.8 52.2
100 18.1 15.9 23.9





#44

Toluene

Concen: 28.36 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018496.D

Acq: 30 Mar 2021 09:38

Tgt Ion: 91 Resp: 717499

Ion Ratio Lower Upper

91 100

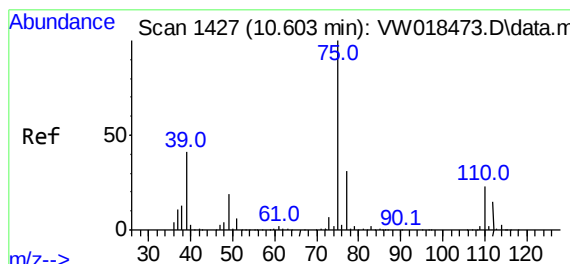
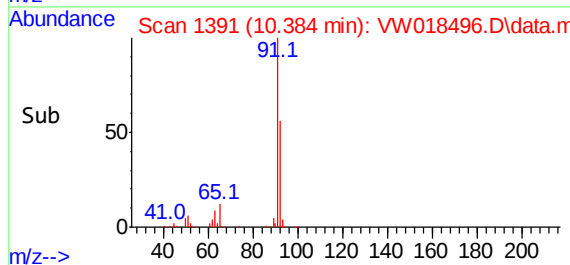
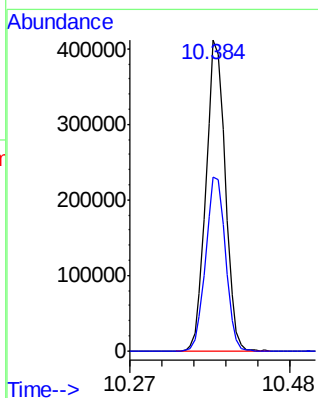
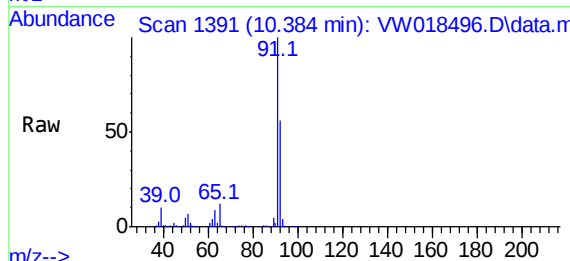
92 56.1 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02520



#45

trans-1,3-Dichloropropene

Concen: 27.79 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018496.D

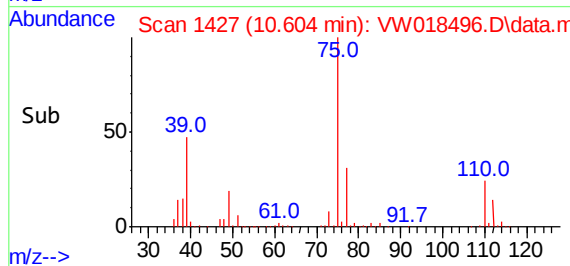
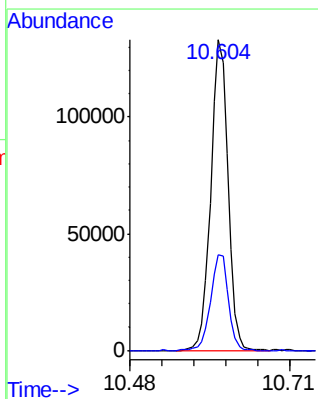
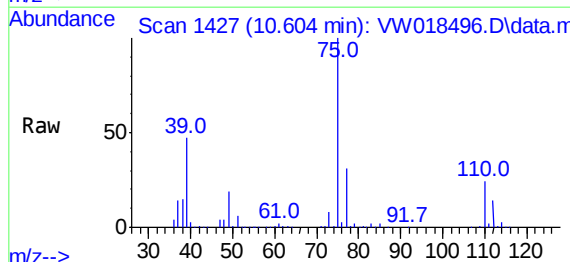
Acq: 30 Mar 2021 09:38

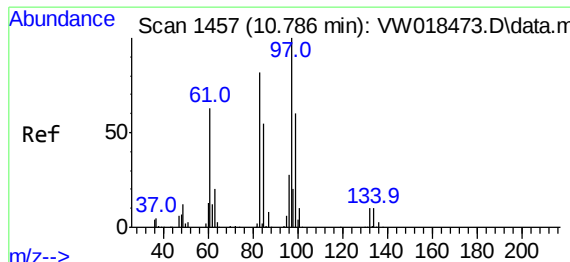
Tgt Ion: 75 Resp: 229733

Ion Ratio Lower Upper

75 100

77 30.8 22.6 42.0



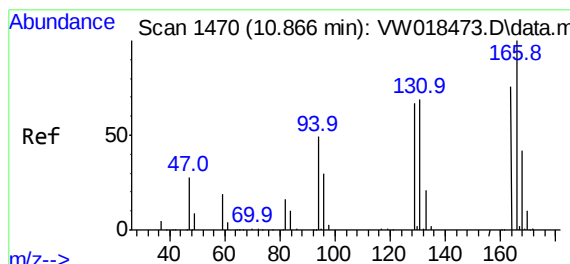
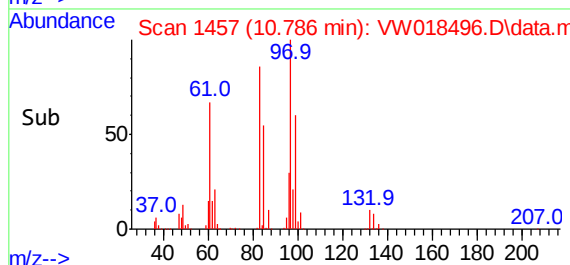
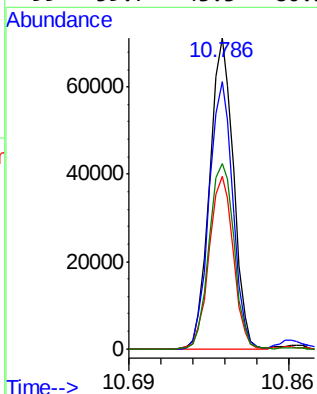
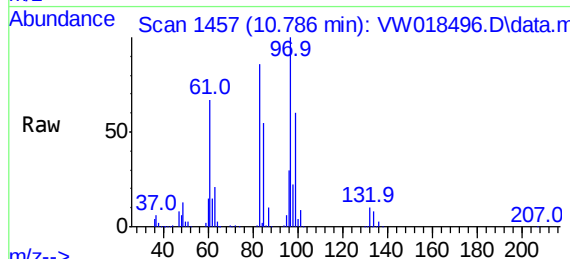


#46
1,1,2-Trichloroethane
Concen: 28.08 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 97 Resp: 121868

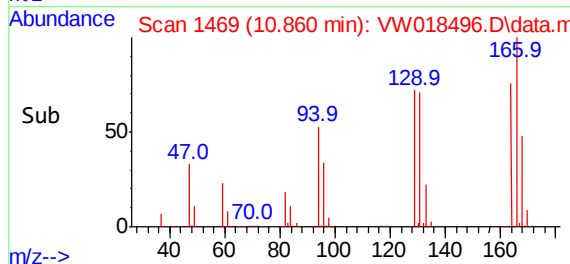
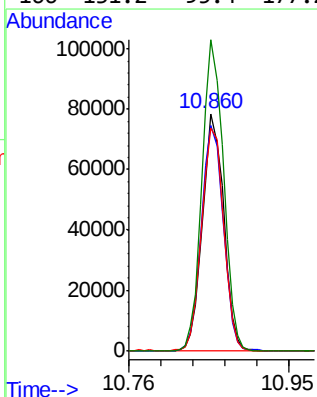
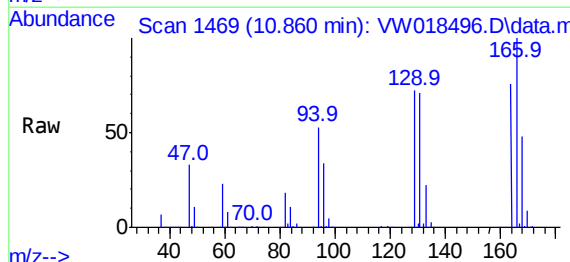
Ion	Ratio	Lower	Upper
97	100		
83	86.2	58.9	109.5
85	55.3	38.4	71.4
99	59.7	43.3	80.3

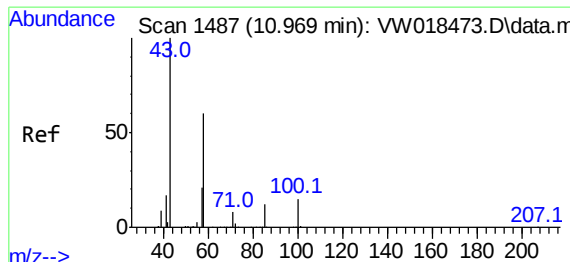


#47
Tetrachloroethene
Concen: 28.11 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 164 Resp: 131239

Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.8	127.8
131	93.7	68.3	126.8
166	131.2	95.4	177.2



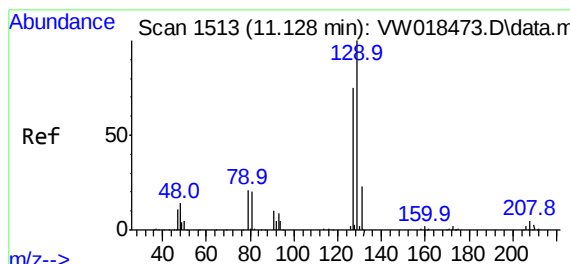
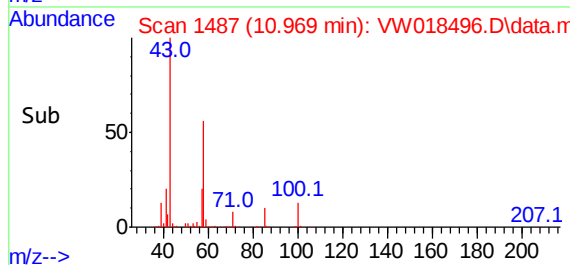
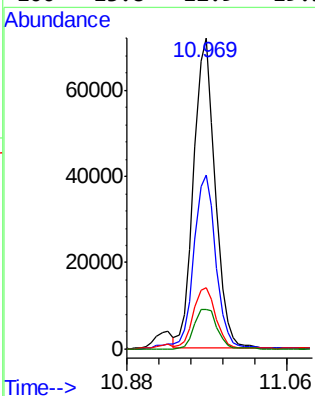
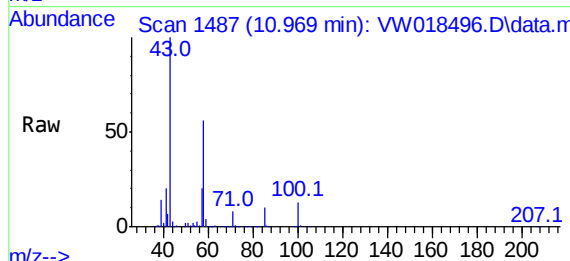


#49
2-Hexanone
Concen: 51.65 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

Tgt Ion: 43 Resp: 119632

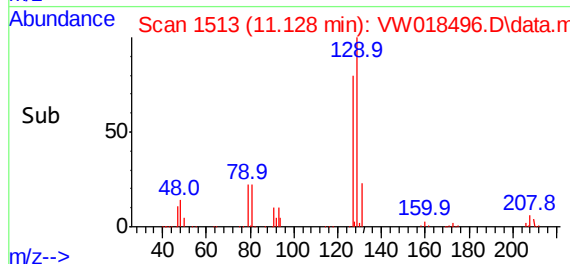
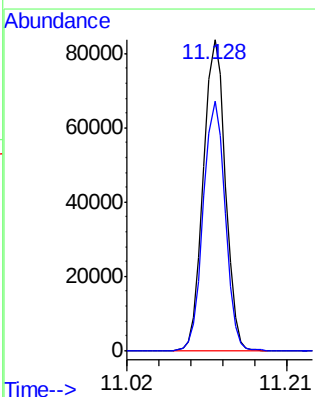
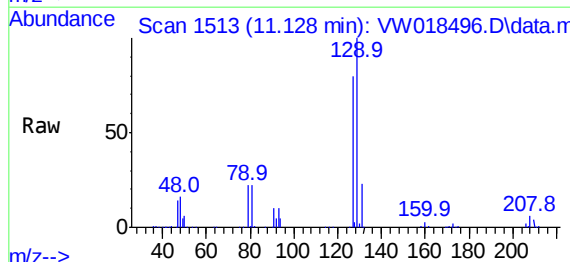
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.3	70.9
57	20.9	17.3	25.9
100	13.8	12.9	19.3

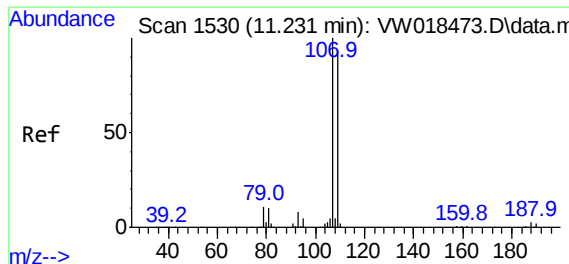


#50
Dibromochloromethane
Concen: 28.41 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 129 Resp: 145403

Ion	Ratio	Lower	Upper
129	100		
127	80.3	58.0	107.6

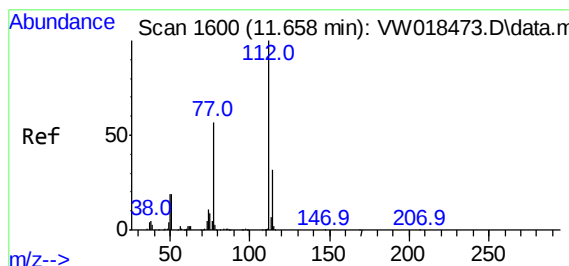
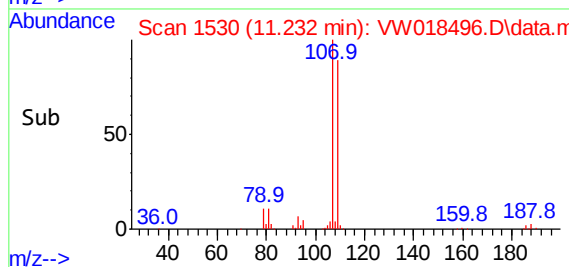
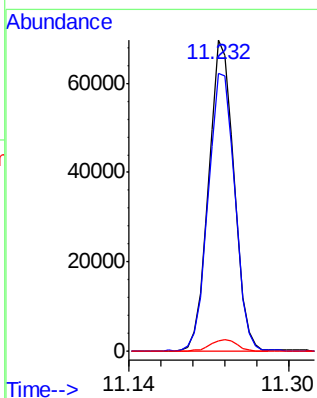
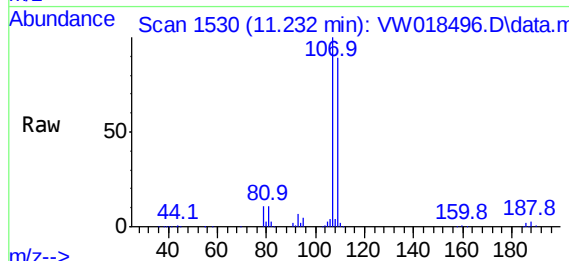




#51
1,2-Dibromoethane
Concen: 27.78 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

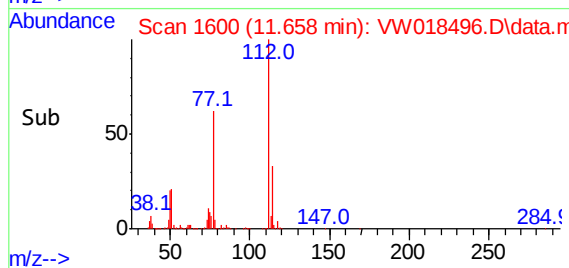
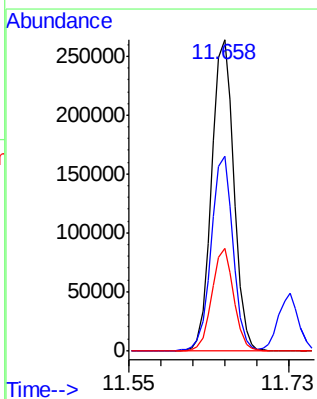
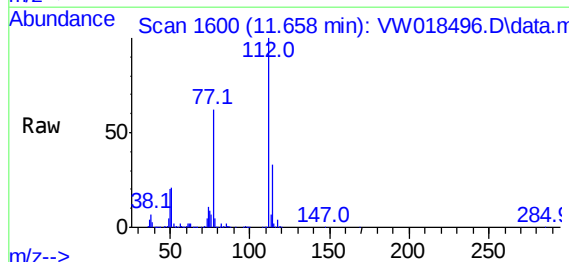
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

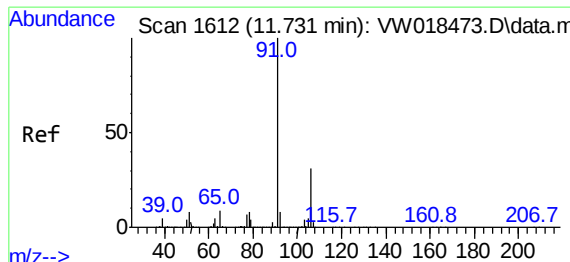
Tgt Ion:107 Resp: 119397
Ion Ratio Lower Upper
107 100
109 89.2 65.9 122.5
188 3.4 3.0 4.4



#52
Chlorobenzene
Concen: 28.29 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion:112 Resp: 453871
Ion Ratio Lower Upper
112 100
77 62.3 45.4 68.2
114 33.0 22.5 41.9

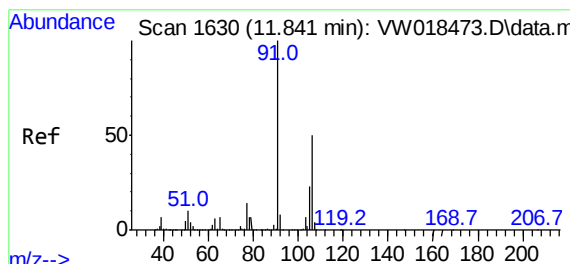
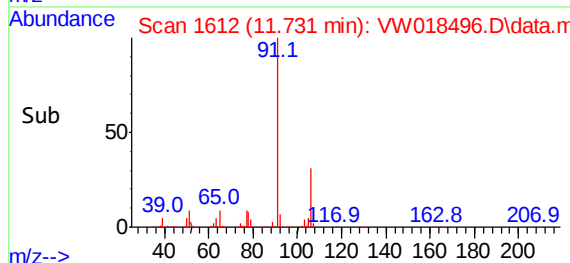
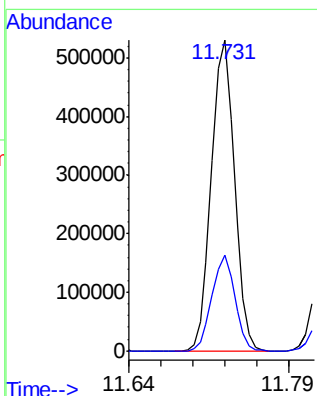
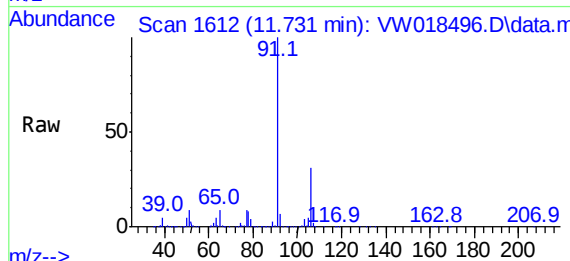




#53
Ethylbenzene
Concen: 29.25 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

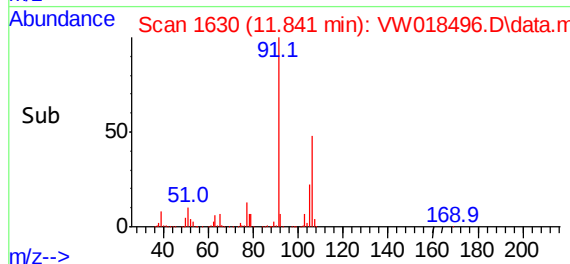
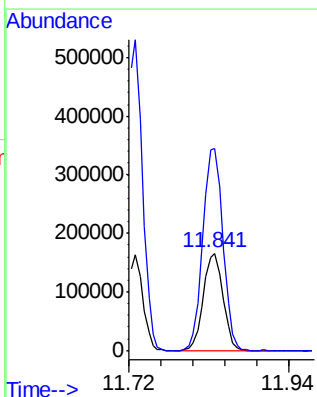
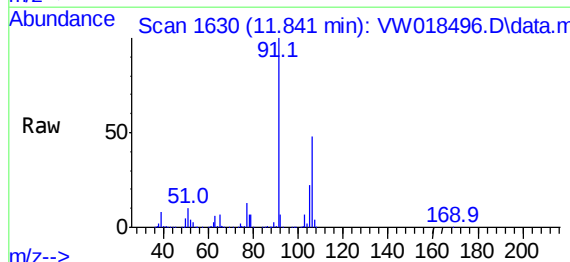
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

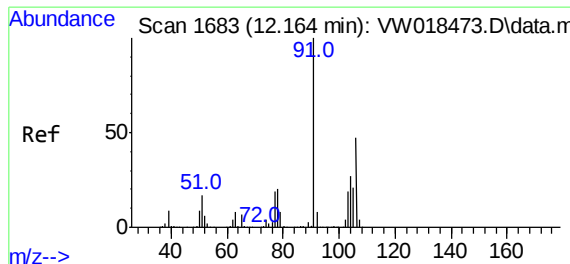
Tgt Ion: 91 Resp: 834304
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#54
m,p-Xylene
Concen: 28.60 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 106 Resp: 311771
Ion Ratio Lower Upper
106 100
91 207.9 145.3 269.8

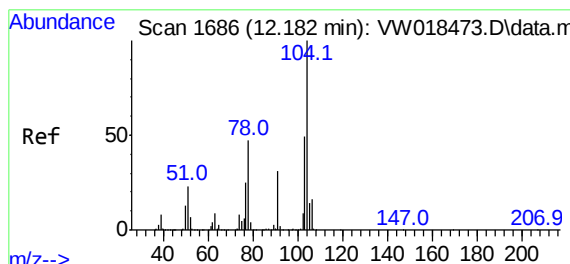
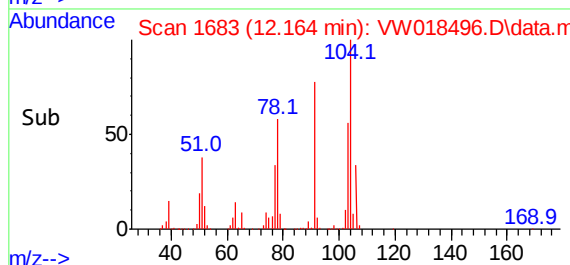
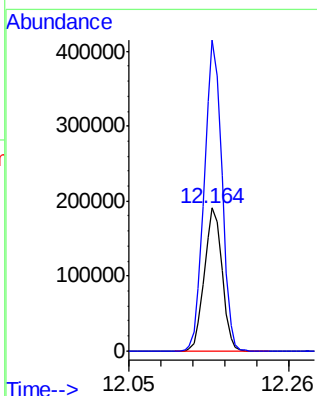
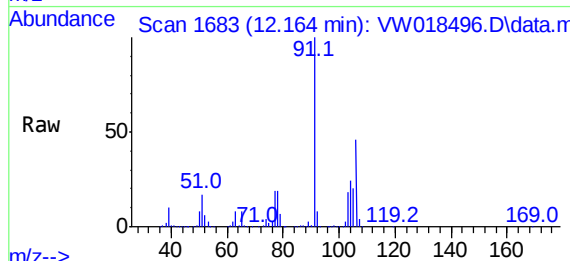




#55
o-xylene
Concen: 29.18 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

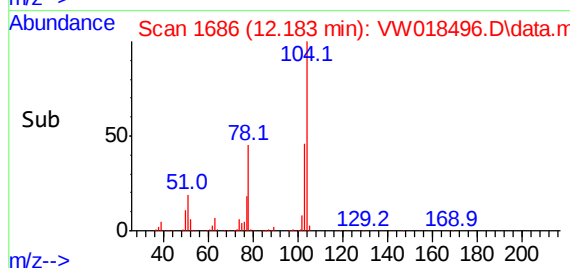
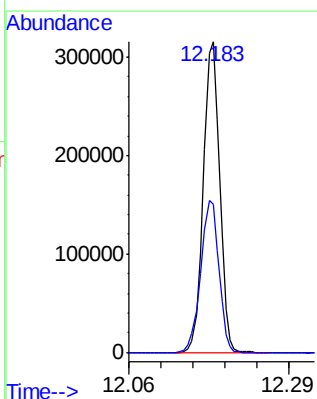
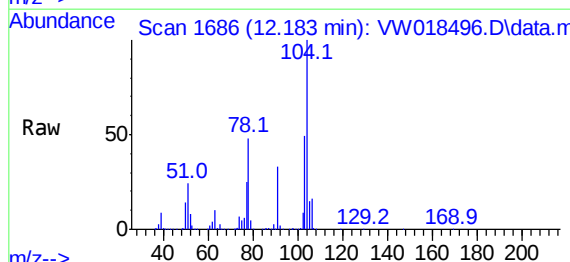
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

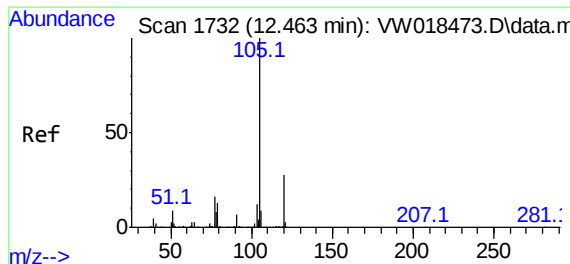
Tgt Ion:106 Resp: 303143
Ion Ratio Lower Upper
106 100
91 217.8 154.3 286.5



#56
Styrene
Concen: 28.89 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion:104 Resp: 511864
Ion Ratio Lower Upper
104 100
78 47.8 34.7 64.5

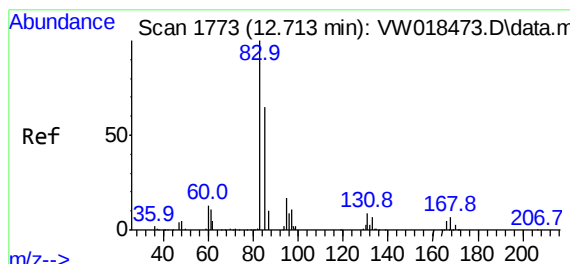
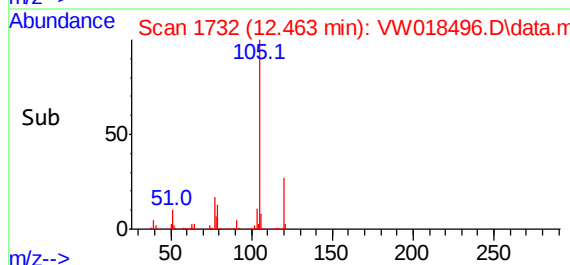
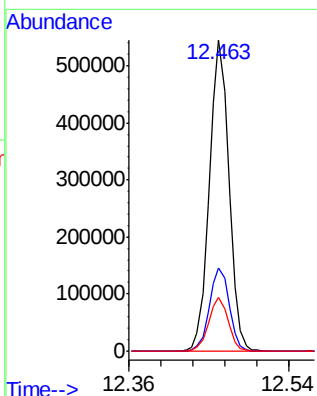
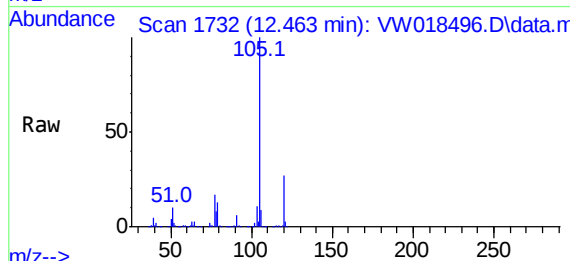




#57
Isopropylbenzene
Concen: 29.21 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

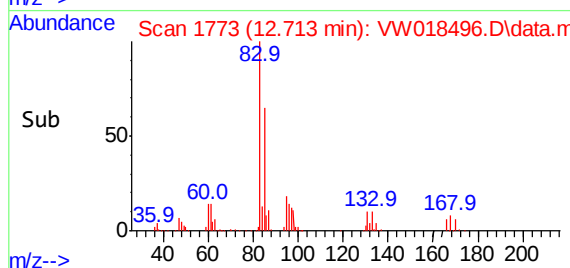
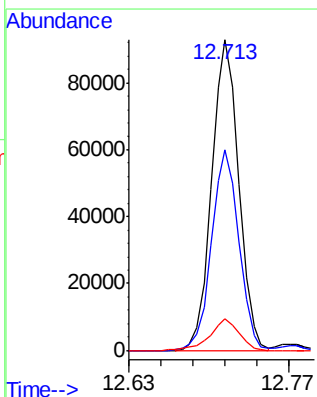
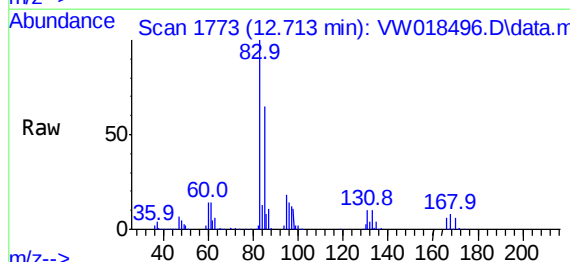
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

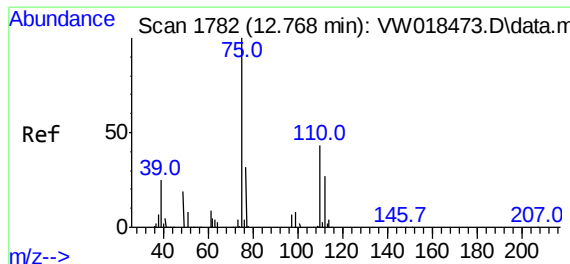
Tgt Ion: 105 Resp: 825396
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 17.0 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 28.48 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 83 Resp: 149628
Ion Ratio Lower Upper
83 100
85 64.7 49.0 91.0
131 10.1 8.7 13.1

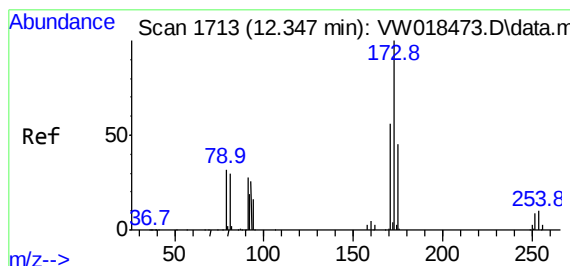
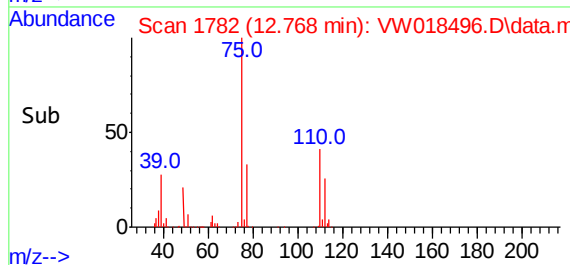
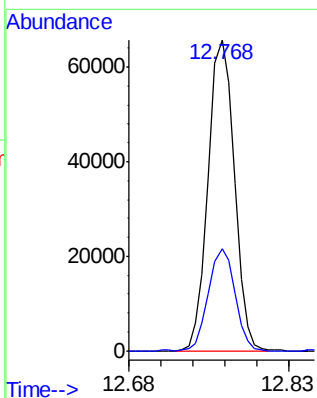
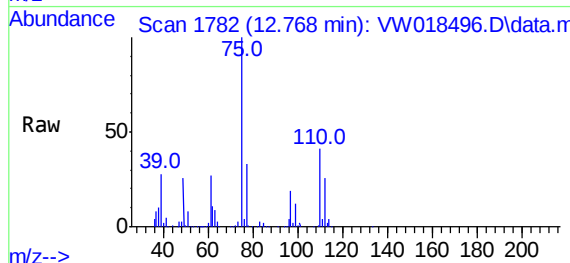




#59
1,2,3-Trichloropropane
Concen: 27.75 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

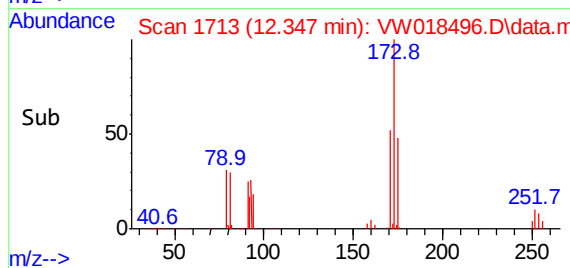
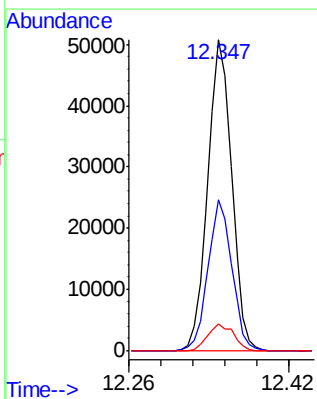
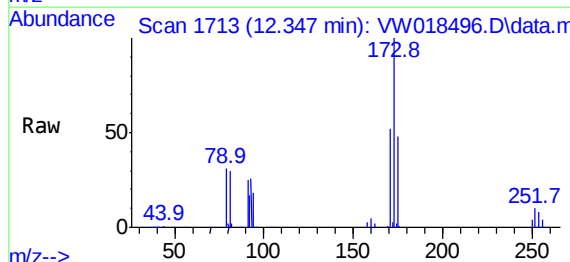
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

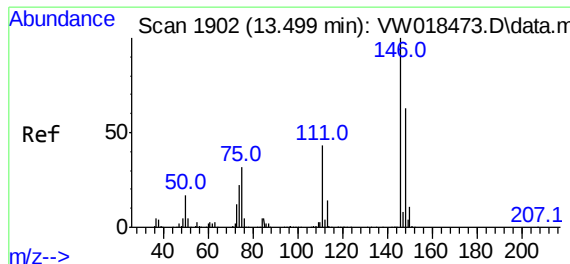
Tgt Ion: 75 Resp: 110056
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4



#62
Bromoform
Concen: 26.82 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 173 Resp: 82430
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.2
254 9.1 6.0 9.0#

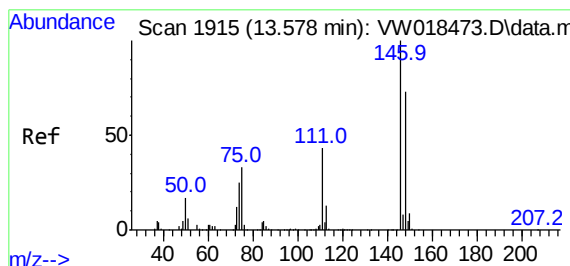
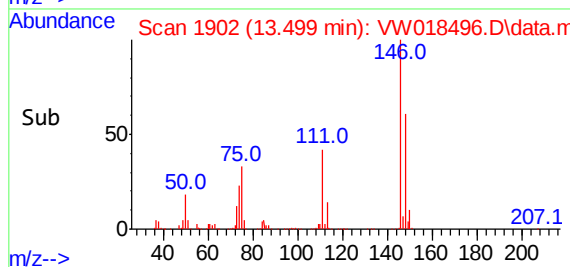
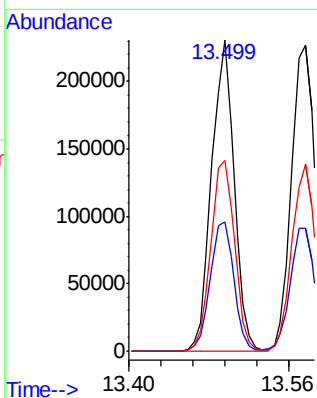
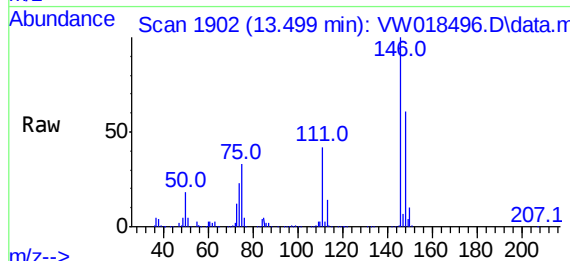




#63
1,3-Dichlorobenzene
Concen: 27.53 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

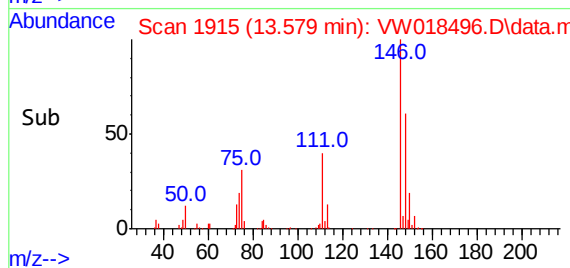
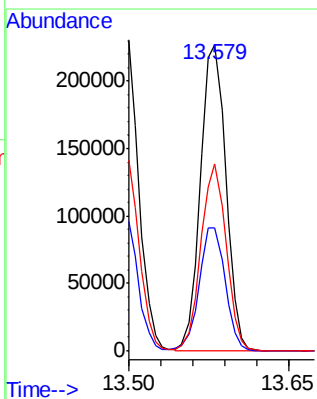
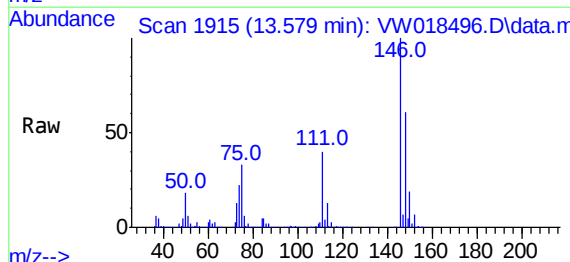
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

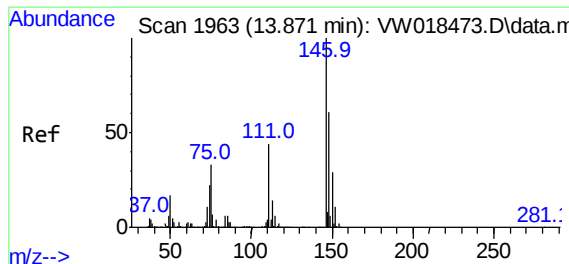
Tgt Ion:146 Resp: 353157
Ion Ratio Lower Upper
146 100
111 41.5 27.5 51.1
148 61.2 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 28.28 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion:146 Resp: 366135
Ion Ratio Lower Upper
146 100
111 40.2 28.3 52.5
148 61.1 47.3 87.9

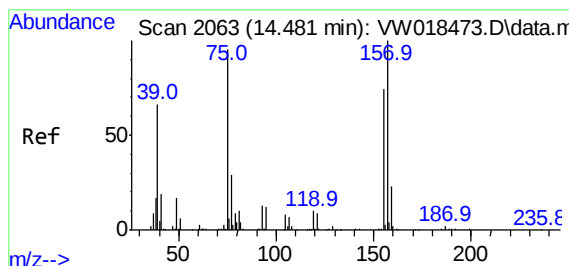
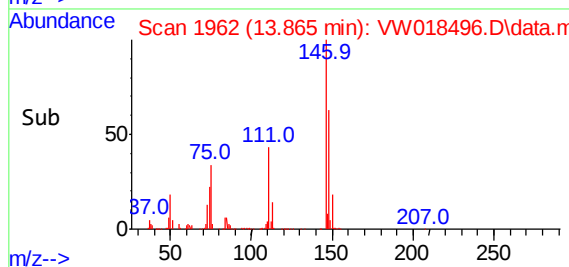
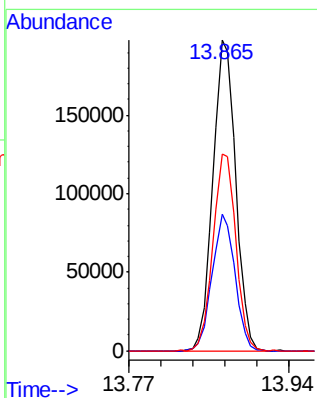
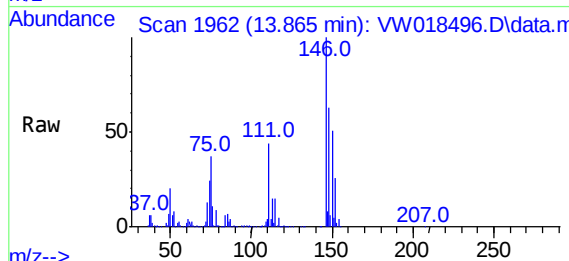




#65
1,2-Dichlorobenzene
Concen: 28.44 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

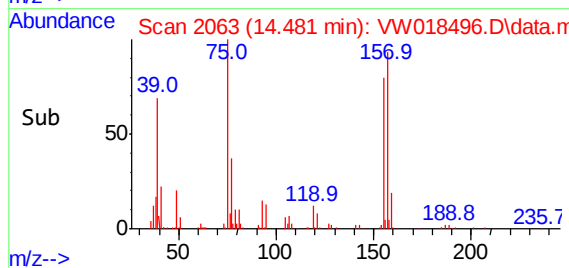
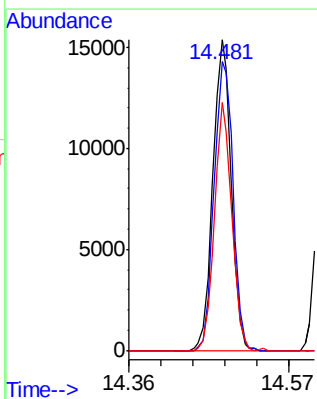
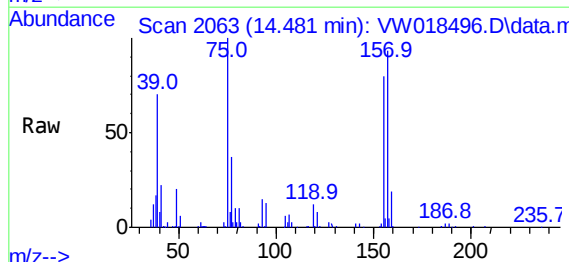
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

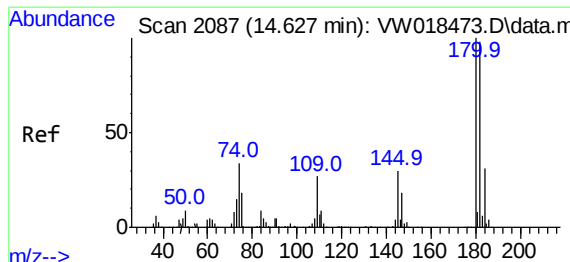
Tgt Ion:146 Resp: 326066
Ion Ratio Lower Upper
146 100
111 43.8 36.0 54.0
148 63.2 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 24.69 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion: 75 Resp: 25587
Ion Ratio Lower Upper
75 100
157 93.0 65.2 97.8
155 79.7 60.1 90.1

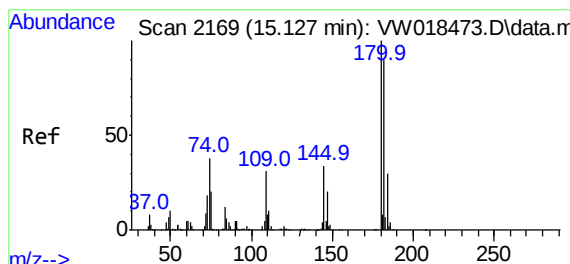
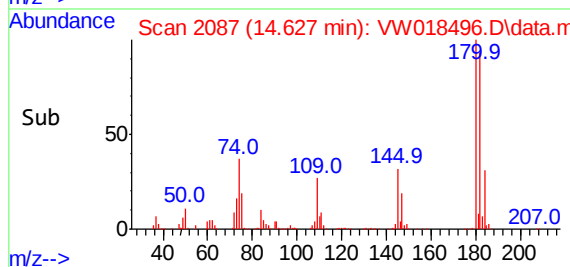
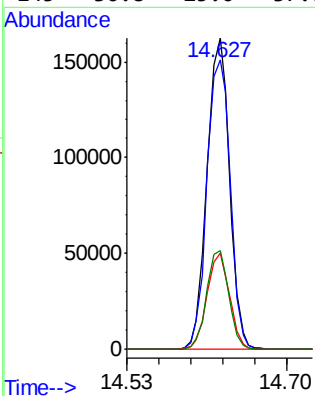
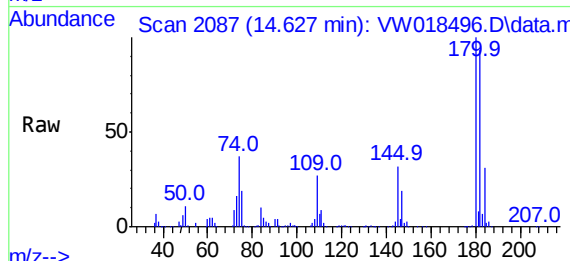




#67
1,3,5-Trichlorobenzene
Concen: 28.35 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

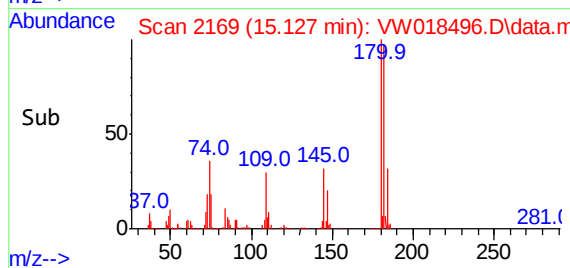
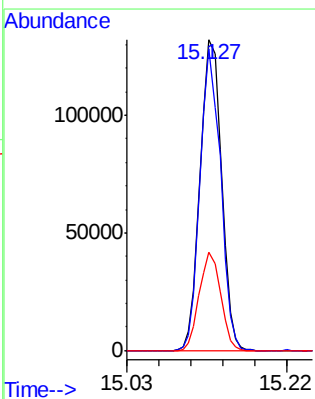
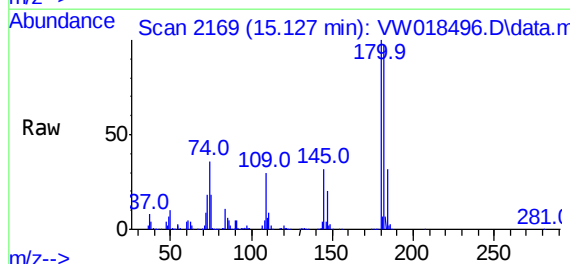
Instrument :
MSVOA_W
ClientSampleId :
VSTD02520

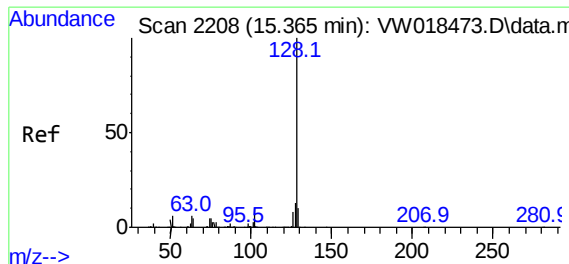
Tgt Ion:180 Resp: 262320
Ion Ratio Lower Upper
180 100
182 96.4 71.8 107.8
184 30.5 23.5 35.3
145 30.8 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 28.46 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion:180 Resp: 224039
Ion Ratio Lower Upper
180 100
182 93.2 70.2 105.4
145 31.6 24.9 37.3



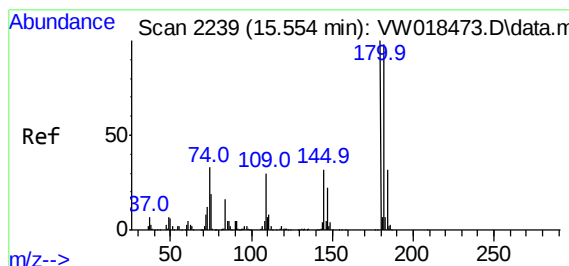
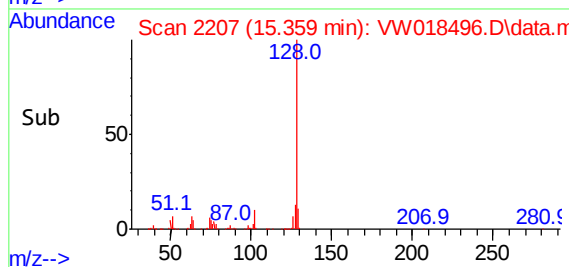
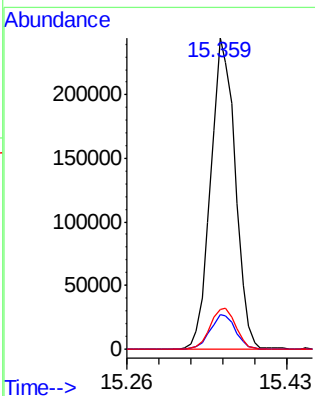
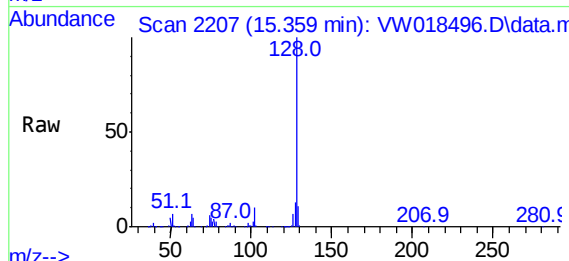


#69
Naphthalene
Concen: 26.43 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Instrument :
MSVOA_W
ClientSampled :
VSTD02520

Tgt Ion:128 Resp: 433144

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.4	10.7	16.1



#70
1,2,3-Trichlorobenzene
Concen: 28.58 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018496.D
Acq: 30 Mar 2021 09:38

Tgt Ion:180 Resp: 196297

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.5	114.7
145	32.9	27.7	41.5

