

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018643.D
 Acq On : 13 Apr 2021 15:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Apr 14 01:28:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	457283	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	232476	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	120145	18.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.52%		
7) Chloroethane-d5	2.891	69	114047	20.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.88%		
10) 1,1-Dichloroethene-d2	4.031	63	222351	20.24	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.96%		
20) 2-Butanone-d5	7.080	46	83361	58.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.68%		
24) Chloroform-d	7.647	84	287453	24.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.72%		
26) 1,2-Dichloroethane-d4	8.305	65	166832	24.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.16%		
29) Benzene-d6	8.275	84	500275	22.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.40%		
33) 1,2-Dichloropropane-d6	9.274	67	155559	23.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.32%		
37) Toluene-d8	10.323	98	478713	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.88%		
38) trans-1,3-Dichloroprop...	10.579	79	72771	21.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.44%		
39) 2-Hexanone-d5	10.926	63	71156	55.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.40%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	167422	28.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	188580	22.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	100202	19.08	ug/L	100
3) Chloromethane	2.221	50	136965	20.69	ug/L	99
5) Vinyl chloride	2.367	62	202367	23.28	ug/L	97
6) Bromomethane	2.788	94	138630	22.08	ug/L	99
8) Chloroethane	2.928	64	128649	23.73	ug/L	98
9) Trichlorofluoromethane	3.269	101	122135	27.92	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	152534	27.12	ug/L	99
12) 1,1-Dichloroethene	4.044	96	143730	25.04	ug/L	95
13) Acetone	4.135	43	50737	49.85	ug/L	97
14) Carbon disulfide	4.391	76	397677	23.01	ug/L	99
15) Methyl Acetate	4.678	43	67695	29.08	ug/L	94
16) Methylene chloride	4.915	84	153820	20.51	ug/L	91
17) Methyl tert-butyl Ether	5.427	73	214201	25.54	ug/L	99
18) trans-1,2-Dichloroethene	5.434	96	158577	25.02	ug/L	94
19) 1,1-Dichloroethane	6.220	63	277985	25.71	ug/L	97
21) 2-Butanone	7.177	43	87946	54.39	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	170046	25.51	ug/L	99
23) Bromochloromethane	7.512	128	78264	26.53	ug/L #	90
25) Chloroform	7.677	83	304993	26.58	ug/L	100
27) 1,2-Dichloroethane	8.403	62	212981	26.16	ug/L	99

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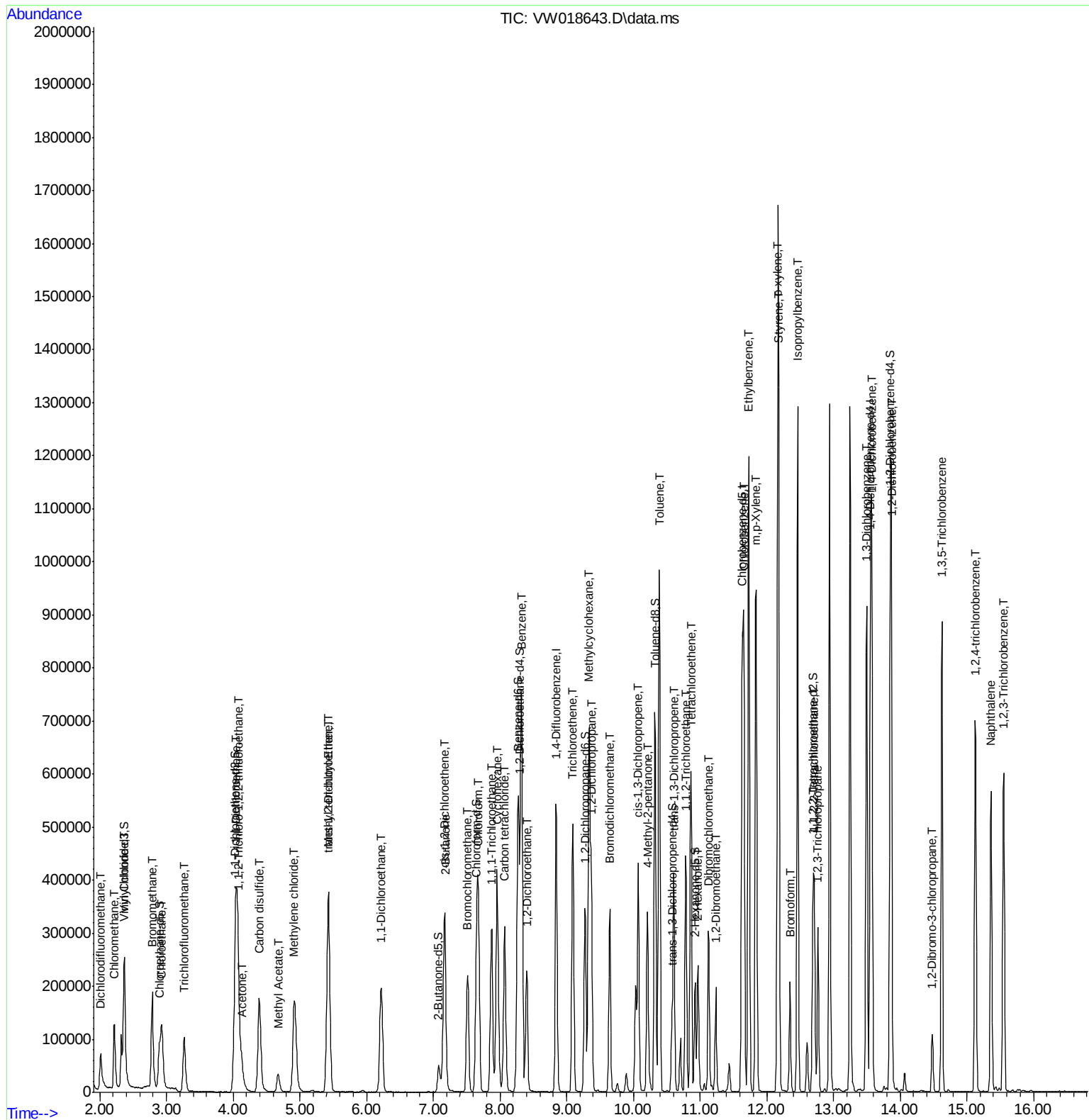
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	234122	23.17	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	247409	26.00	ug/L	98
32) Carbon tetrachloride	8.073	117	233564	26.34	ug/L	99
34) Benzene	8.323	78	637743	25.87	ug/L	100
35) Trichloroethene	9.091	95	174824	25.67	ug/L	98
36) Methylcyclohexane	9.335	83	286527	24.02	ug/L	99
40) 1,2-Dichloropropane	9.372	63	155486	25.78	ug/L	99
41) Bromodichloromethane	9.646	83	221800	26.02	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	253239	24.83	ug/L	98
43) 4-Methyl-2-pentanone	10.213	43	209799	57.85	ug/L	95
44) Toluene	10.390	91	733631	26.17	ug/L	96
45) trans-1,3-Dichloropropene	10.609	75	227572	24.85	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	132991	27.65	ug/L	99
47) Tetrachloroethene	10.866	164	133111	25.74	ug/L	97
49) 2-Hexanone	10.969	43	142404	55.49	ug/L	96
50) Dibromochloromethane	11.128	129	154422	27.23	ug/L	95
51) 1,2-Dibromoethane	11.237	107	127728	26.82	ug/L	97
52) Chlorobenzene	11.658	112	463079	26.05	ug/L	99
53) Ethylbenzene	11.731	91	807767	25.56	ug/L	100
54) m,p-Xylene	11.841	106	307463	25.46	ug/L	97
55) o-xylene	12.164	106	291663	25.33	ug/L	99
56) Styrene	12.182	104	505966	25.77	ug/L	94
57) Isopropylbenzene	12.463	105	809779	25.86	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	163563	28.10	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	123798	28.17	ug/L	99
62) Bromoform	12.347	173	89572	25.13	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	360418	24.22	ug/L	99
64) 1,4-Dichlorobenzene	13.578	146	361525	24.08	ug/L	99
65) 1,2-Dichlorobenzene	13.871	146	342808	25.78	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	27070	22.52	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	257027	23.95	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	220766	24.18	ug/L	95
69) Naphthalene	15.365	128	473634	24.91	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	195815	24.58	ug/L	97

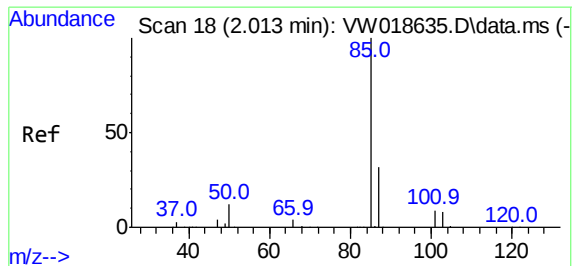
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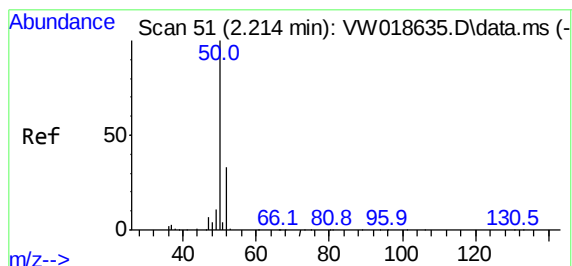
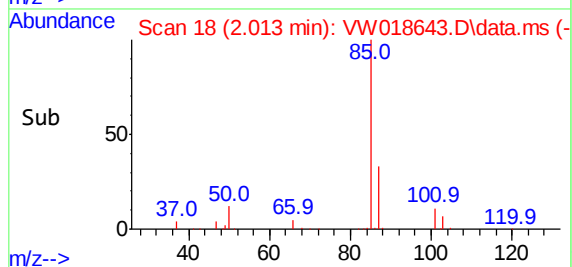
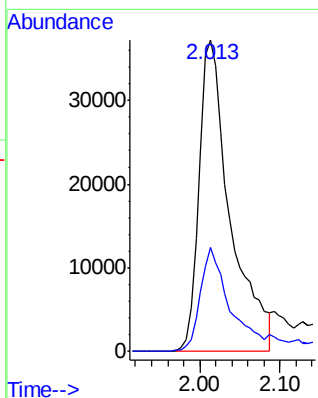
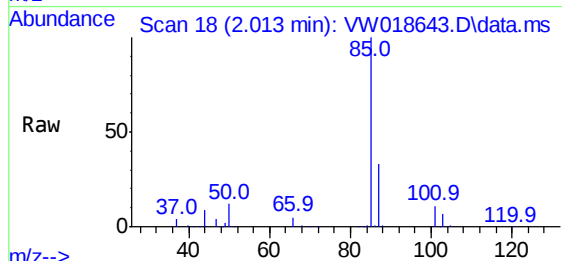




#2
Dichlorodifluoromethane
Concen: 19.08 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

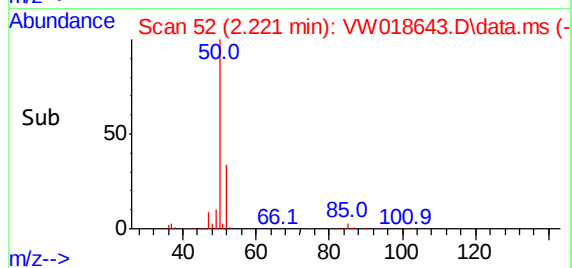
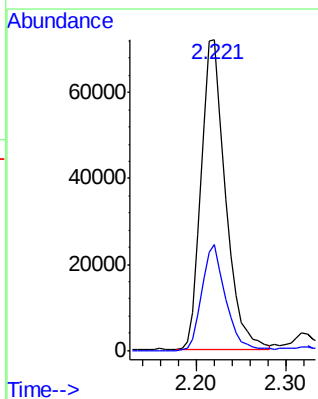
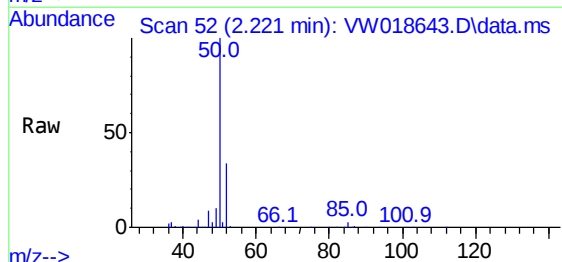
Instrument :
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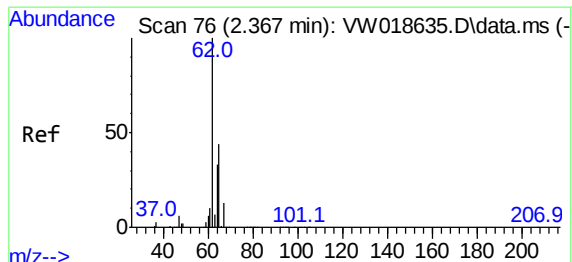
Tgt Ion: 85 Resp: 100202
Ion Ratio Lower Upper
85 100
87 31.4 22.2 41.2



#3
Chloromethane
Concen: 20.69 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 50 Resp: 136965
Ion Ratio Lower Upper
50 100
52 34.2 23.7 43.9

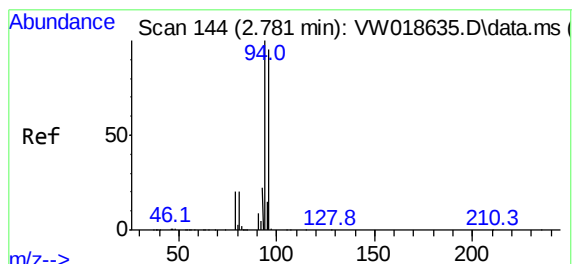
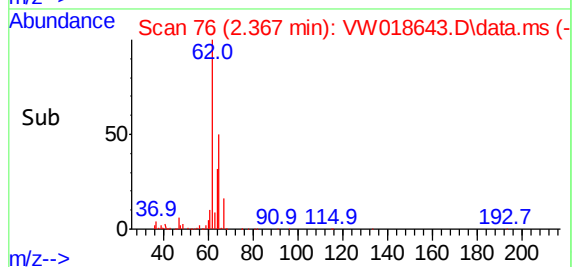
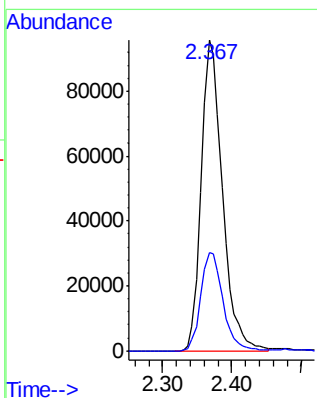
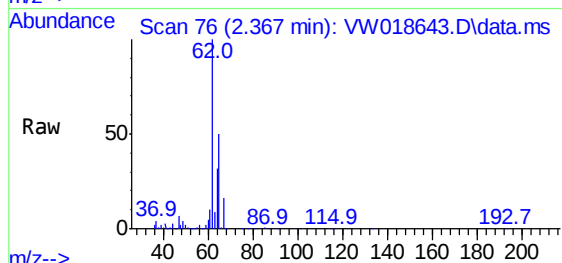




#5
 Vinyl chloride
 Concen: 23.28 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

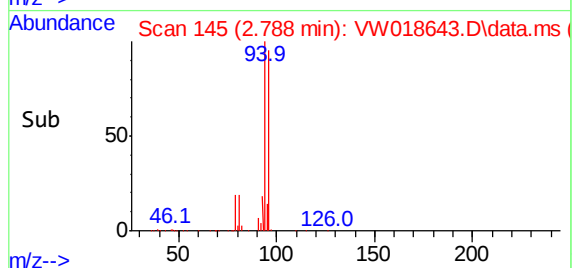
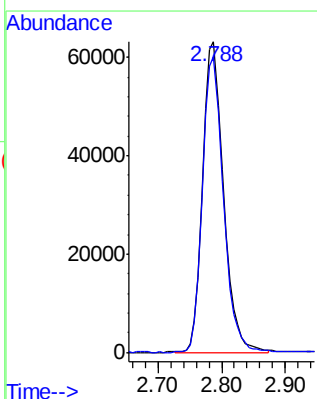
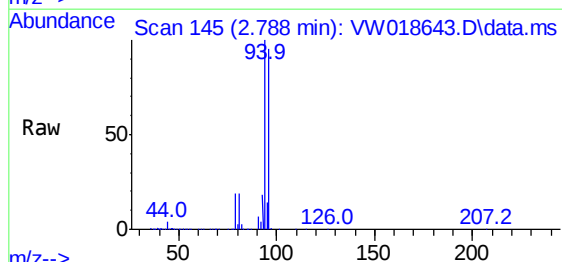
Instrument :
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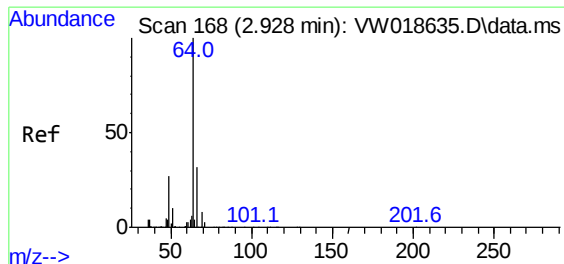
Tgt Ion: 62 Resp: 202367
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.5 43.7



#6
 Bromomethane
 Concen: 22.08 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

Tgt Ion: 94 Resp: 138630
 Ion Ratio Lower Upper
 94 100
 96 95.5 9.4 179.4

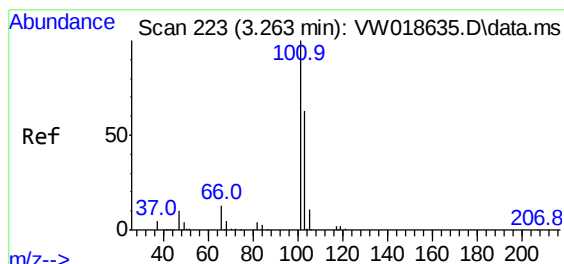
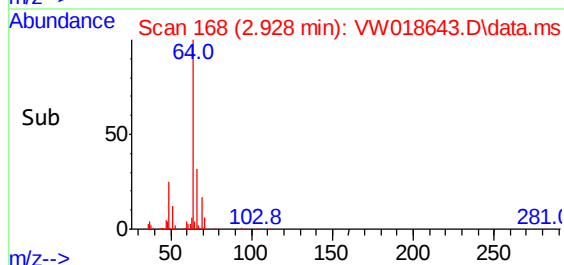
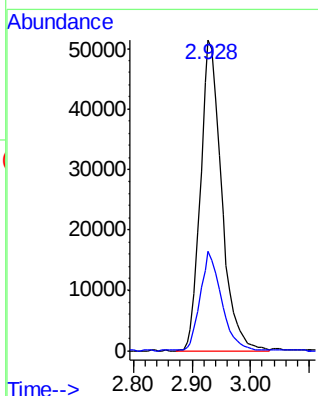
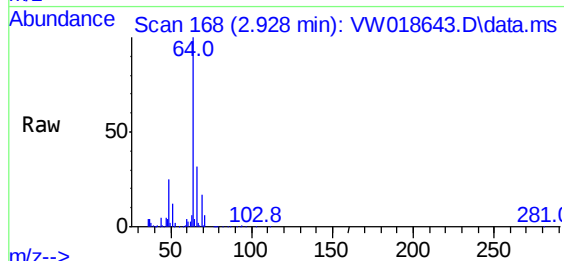




#8
Chloroethane
Concen: 23.73 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

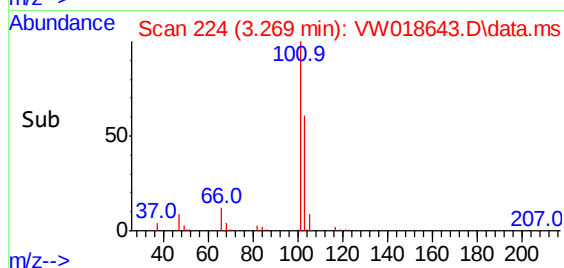
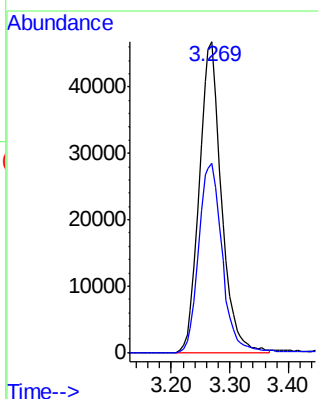
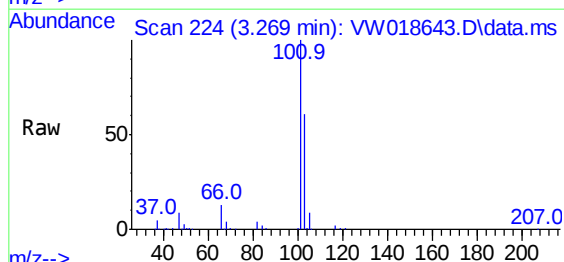
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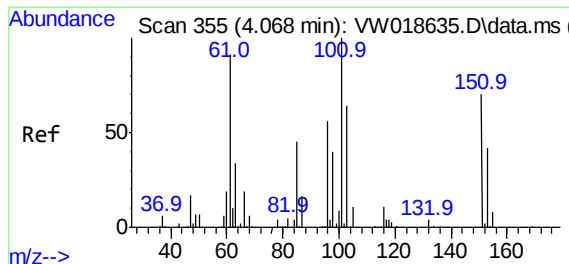
Tgt Ion: 64 Resp: 128649
Ion Ratio Lower Upper
64 100
66 32.0 21.6 40.0



#9
Trichlorofluoromethane
Concen: 27.92 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:101 Resp: 122135
Ion Ratio Lower Upper
101 100
103 64.2 45.6 84.8



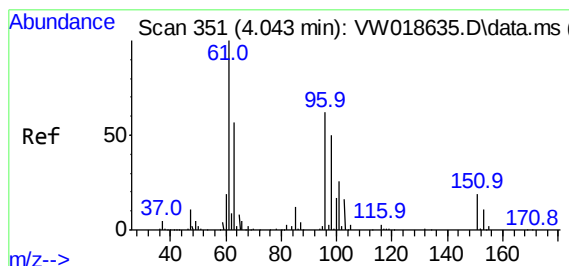
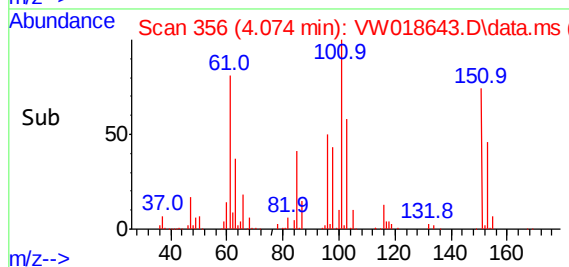
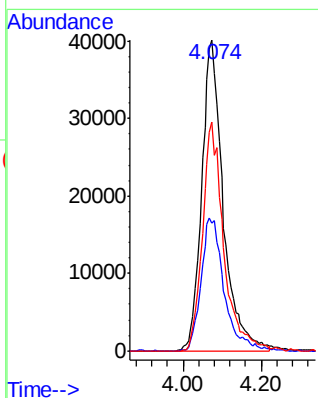
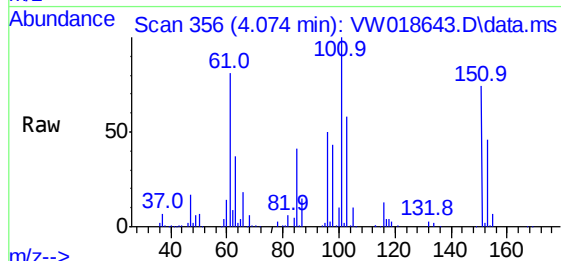


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.12 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

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 ClientSampleId :
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Tgt Ion:101 Resp: 152534

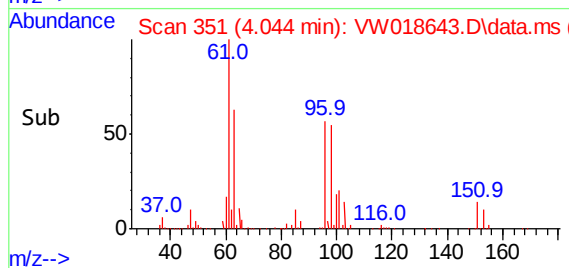
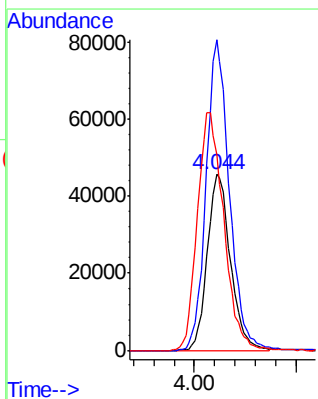
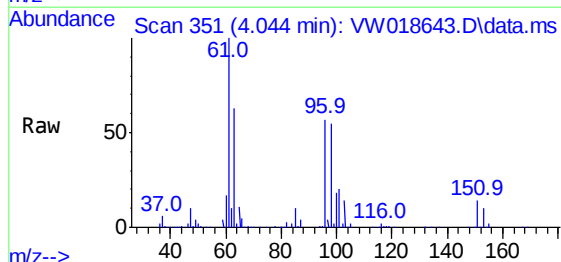
Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.6	53.4
151	72.7	58.1	87.1

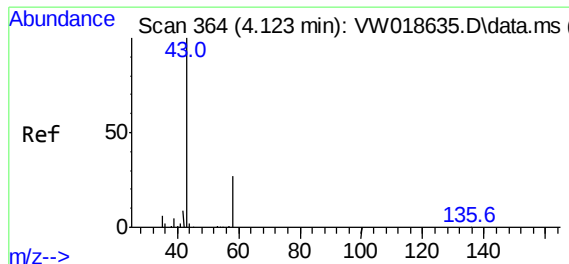


#12
 1,1-Dichloroethene
 Concen: 25.04 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

Tgt Ion: 96 Resp: 143730

Ion	Ratio	Lower	Upper
96	100		
61	176.5	118.6	220.2
63	111.3	82.4	153.0

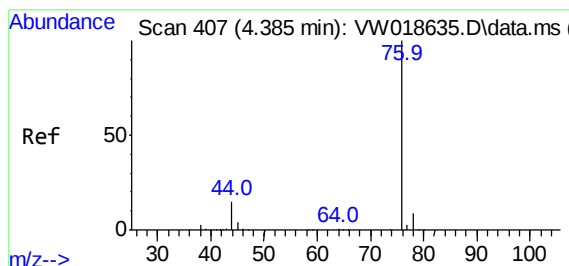
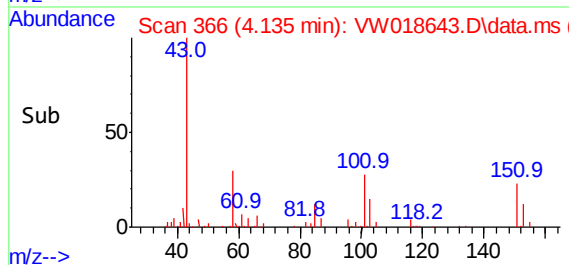
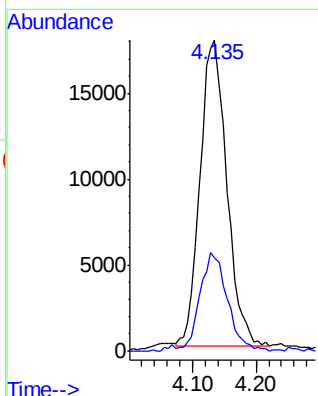
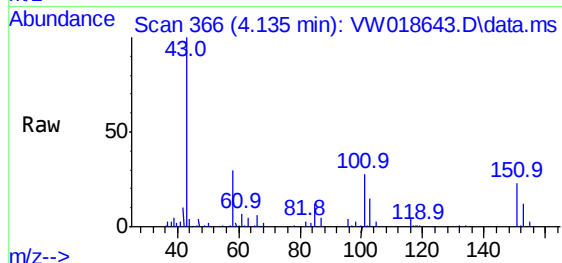




#13
Acetone
Concen: 49.85 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
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Acq: 13 Apr 2021 15:48

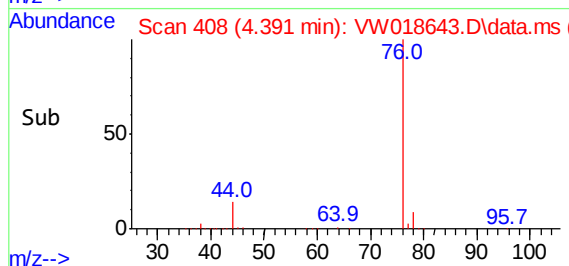
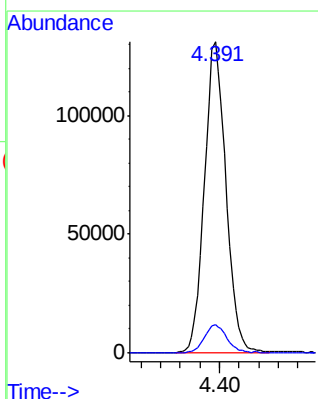
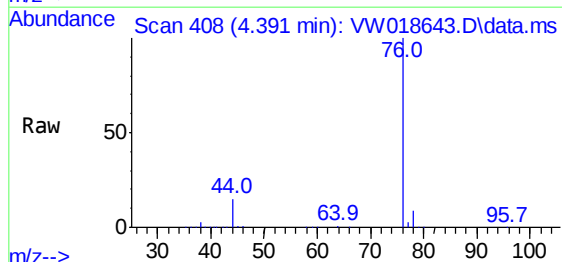
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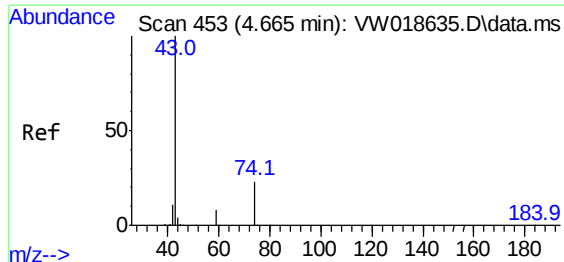
Tgt Ion: 43 Resp: 50737
Ion Ratio Lower Upper
43 100
58 32.6 0.0 62.2



#14
Carbon disulfide
Concen: 23.01 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 397677
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

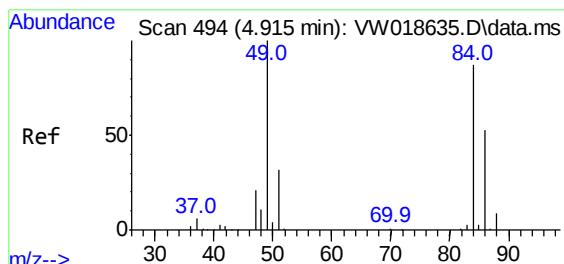
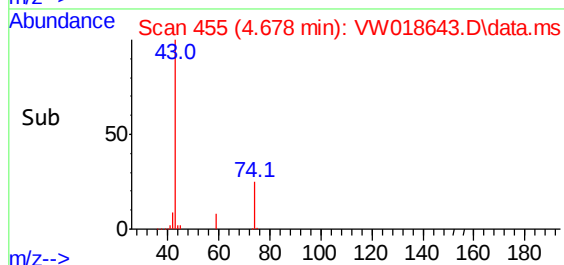
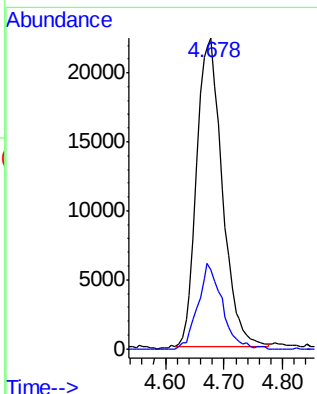
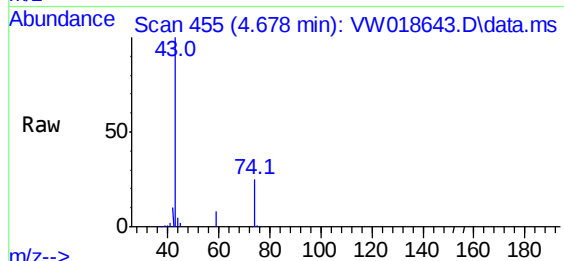




#15
Methyl Acetate
Concen: 29.08 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

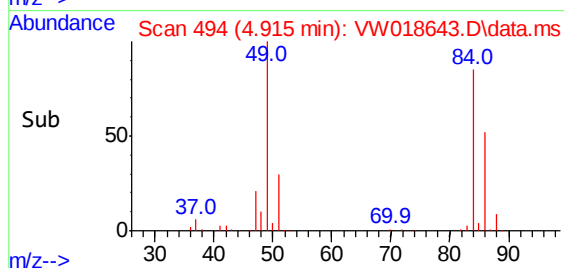
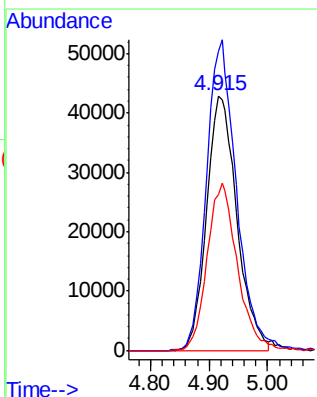
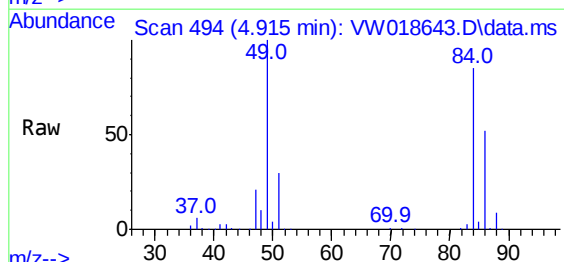
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

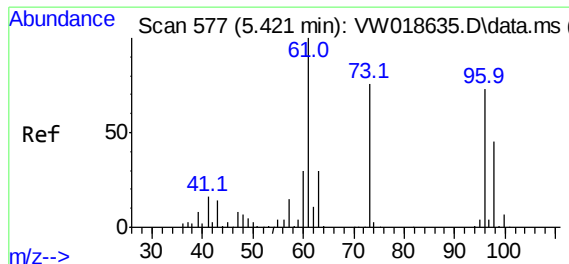
Tgt Ion: 43 Resp: 67695
Ion Ratio Lower Upper
43 100
74 25.4 22.9 34.3



#16
Methylene chloride
Concen: 20.51 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 84 Resp: 153820
Ion Ratio Lower Upper
84 100
49 117.3 74.4 138.2
86 61.2 46.1 85.7

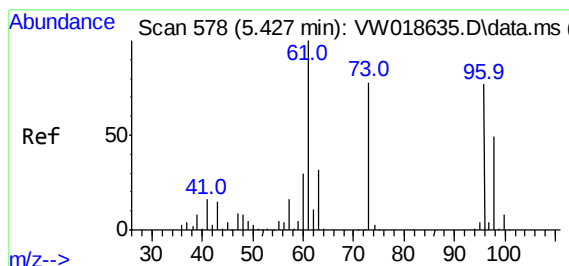
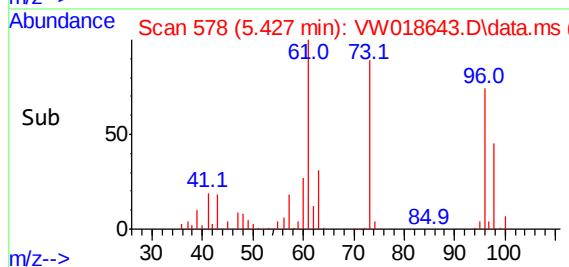
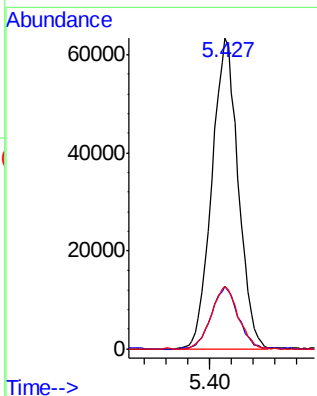
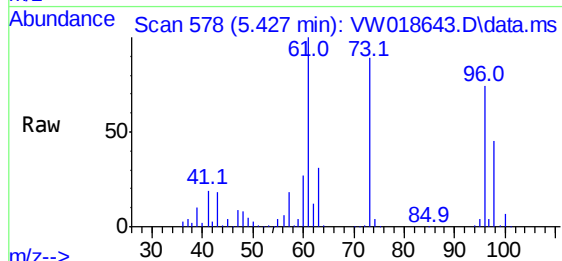




#17
Methyl tert-butyl Ether
Concen: 25.54 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

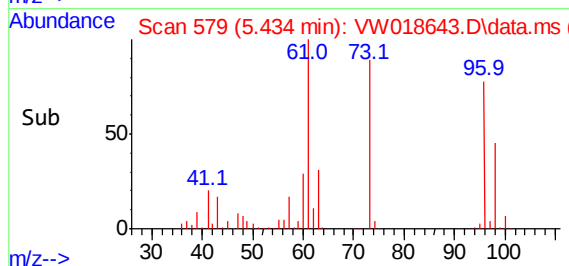
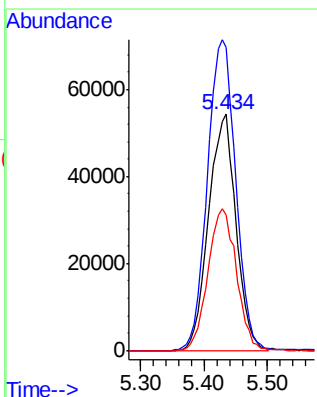
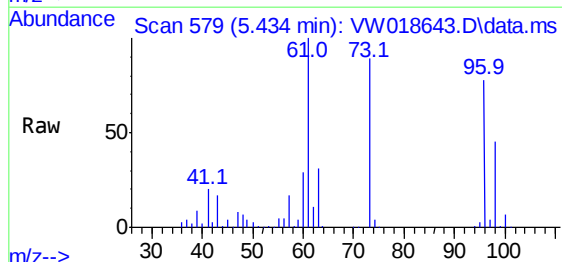
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

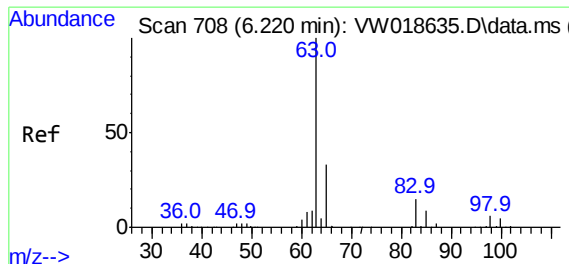
Tgt Ion: 73 Resp: 214201
Ion Ratio Lower Upper
73 100
43 20.3 16.6 24.8
57 20.5 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 25.02 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 96 Resp: 158577
Ion Ratio Lower Upper
96 100
61 128.2 93.3 173.3
98 57.4 45.2 84.0



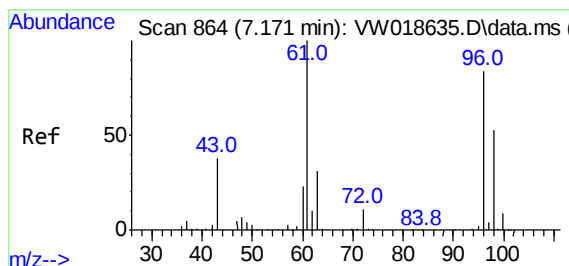
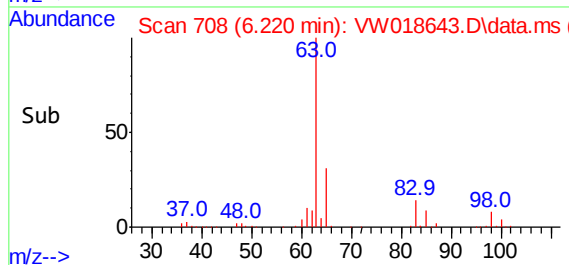
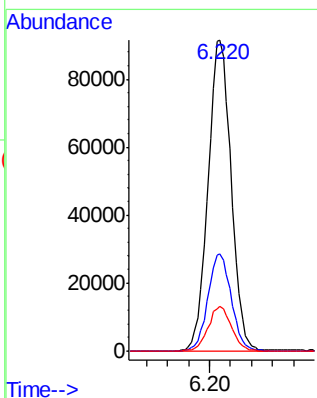
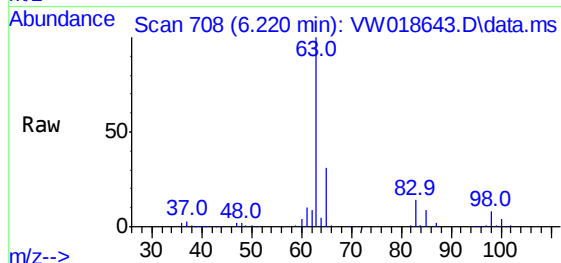


#19
 1,1-Dichloroethane
 Concen: 25.71 ug/L
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Tgt Ion: 63 Resp: 277985

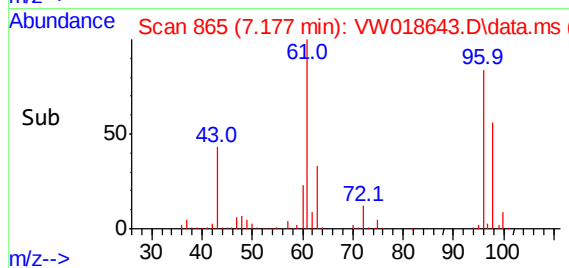
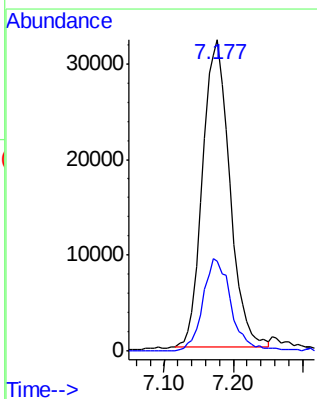
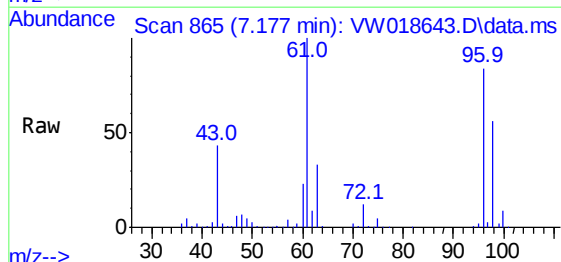
Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.5	43.7
83	14.5	10.3	19.1

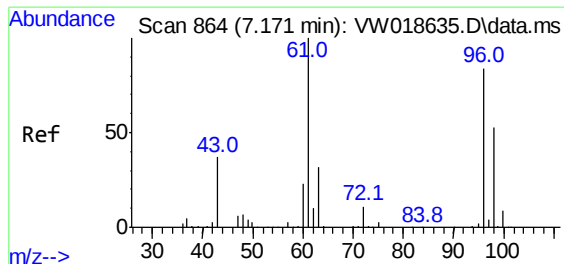


#21
 2-Butanone
 Concen: 54.39 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

Tgt Ion: 43 Resp: 87946

Ion	Ratio	Lower	Upper
43	100		
72	29.8	16.5	49.5

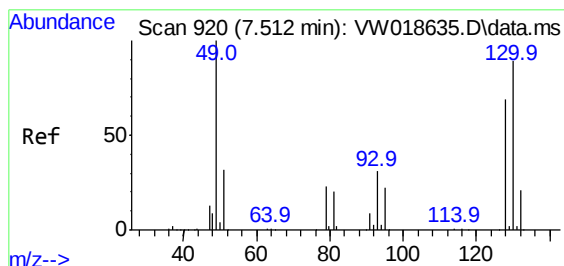
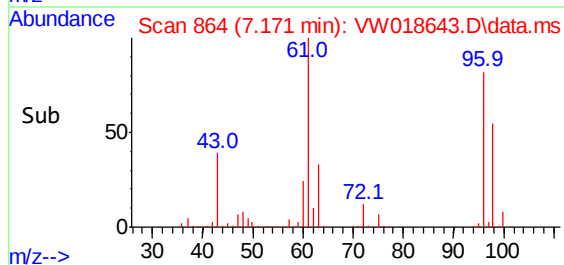
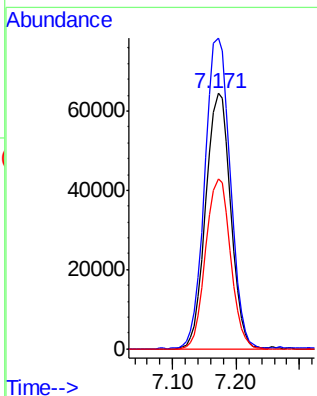
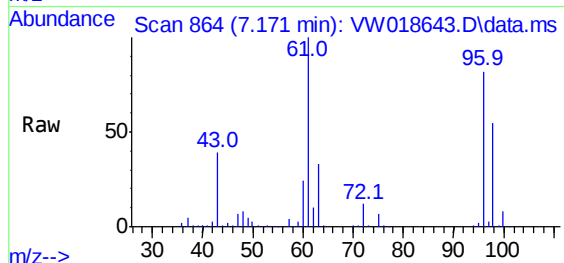




#22
 cis-1,2-Dichloroethene
 Concen: 25.51 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

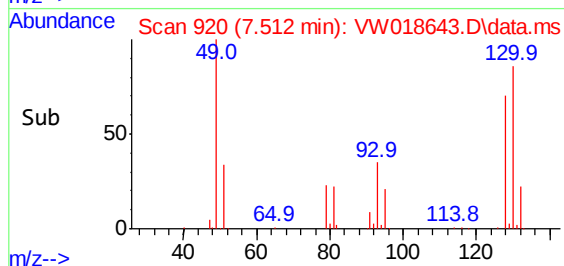
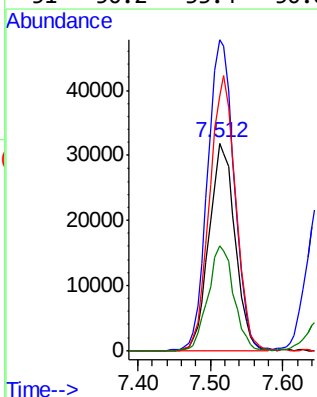
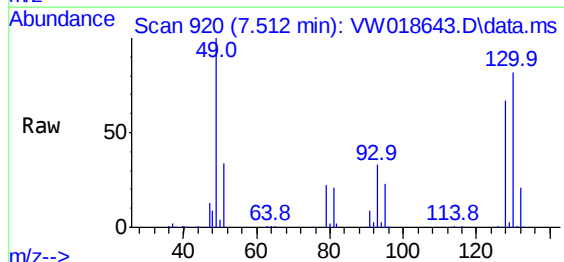
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

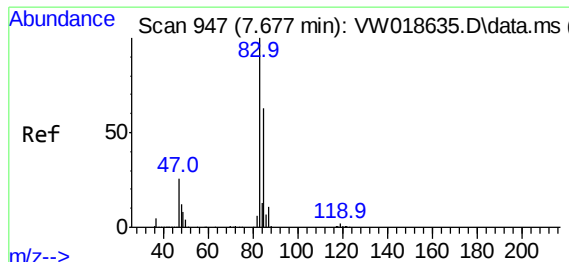
Tgt Ion: 96 Resp: 170046
 Ion Ratio Lower Upper
 96 100
 61 121.7 84.8 157.6
 98 66.7 45.1 83.9



#23
 Bromochloromethane
 Concen: 26.53 ug/L
 RT: 7.512 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW018643.D
 Acq: 13 Apr 2021 15:48

Tgt Ion: 128 Resp: 78264
 Ion Ratio Lower Upper
 128 100
 49 149.9 92.4 171.6
 130 123.0 83.9 155.7
 51 50.2 33.4 50.0#

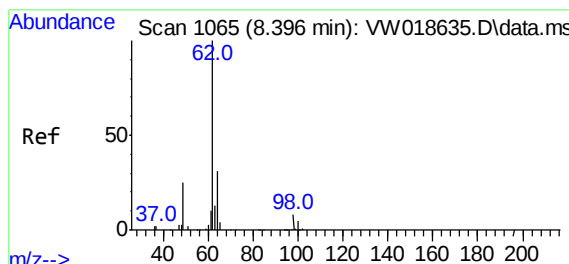
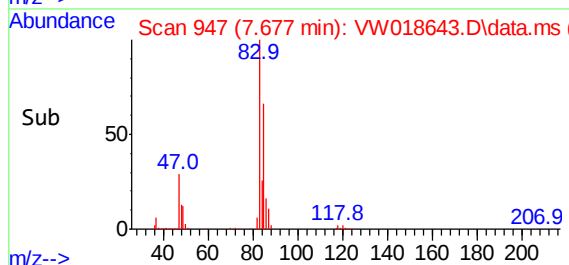
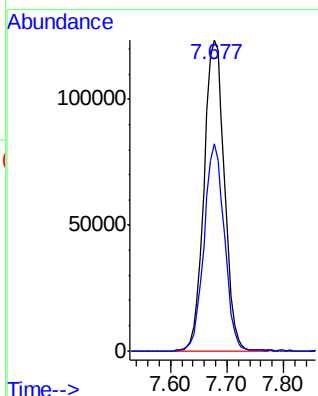
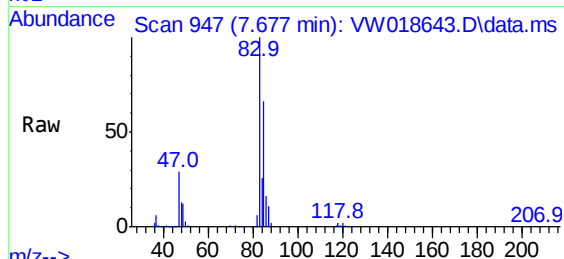




#25
Chloroform
Concen: 26.58 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

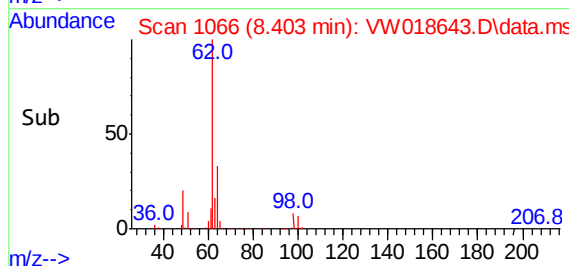
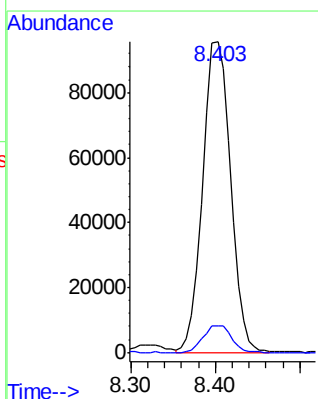
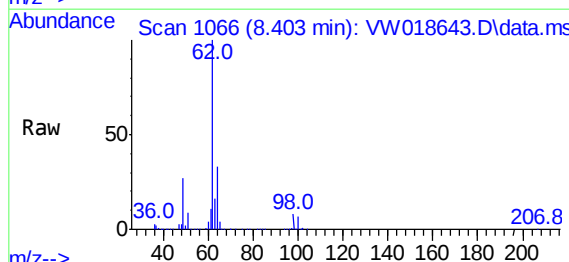
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

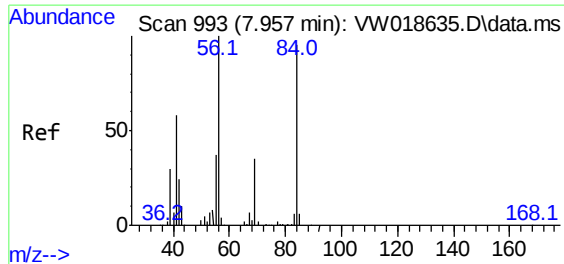
Tgt Ion: 83 Resp: 304993
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.16 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 62 Resp: 212981
Ion Ratio Lower Upper
62 100
98 8.4 6.4 9.6



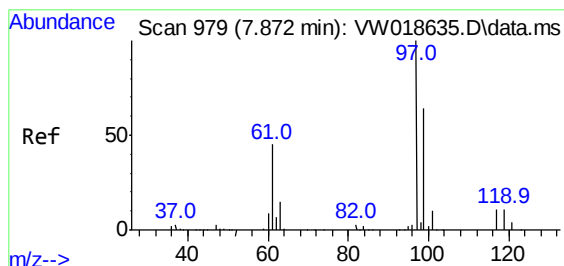
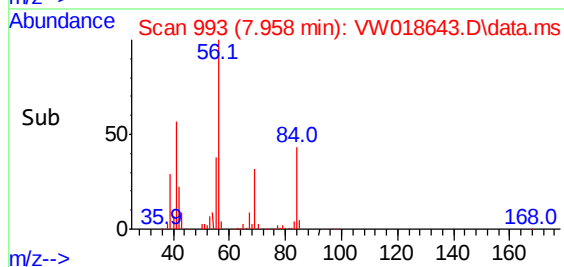
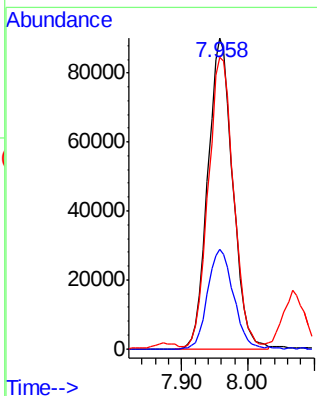
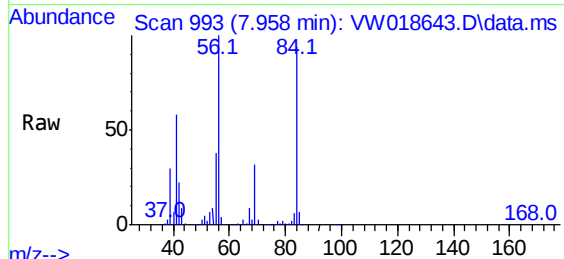


#30
Cyclohexane
Concen: 23.17 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 56 Resp: 234122

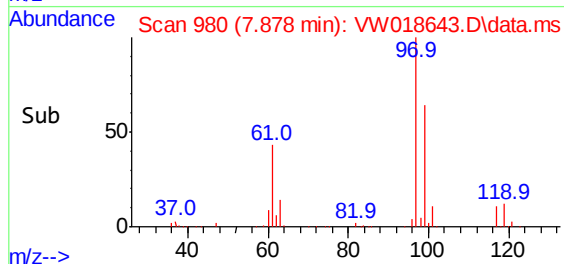
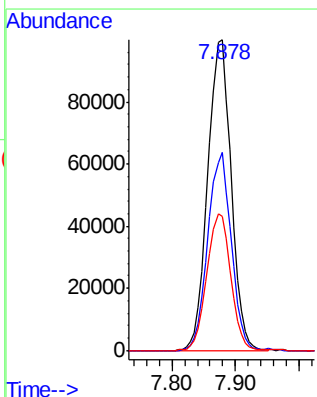
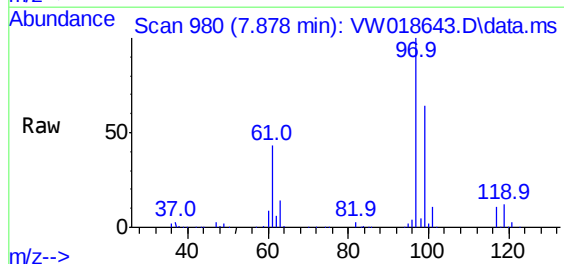
Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.0	40.6
84	95.8	79.9	119.9

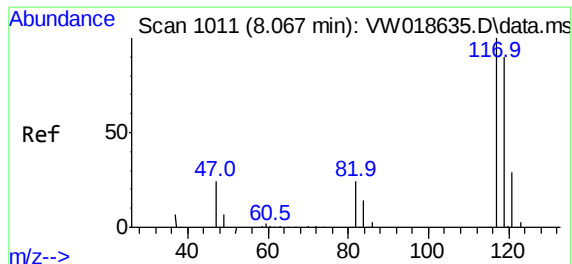


#31
1,1,1-Trichloroethane
Concen: 26.00 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 97 Resp: 247409

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	45.0	34.8	52.2

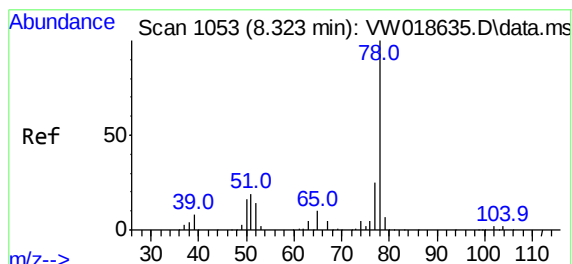
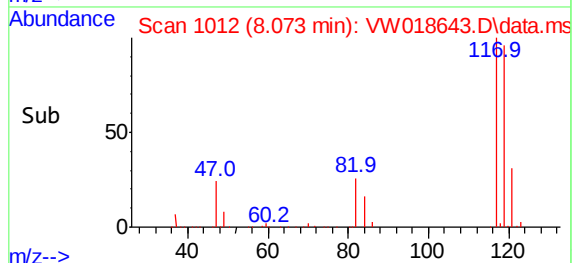
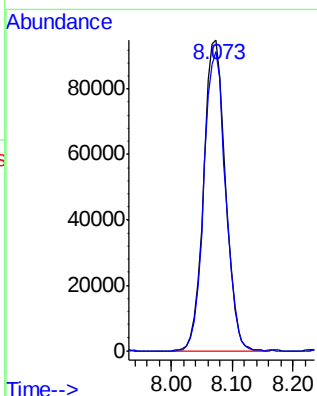
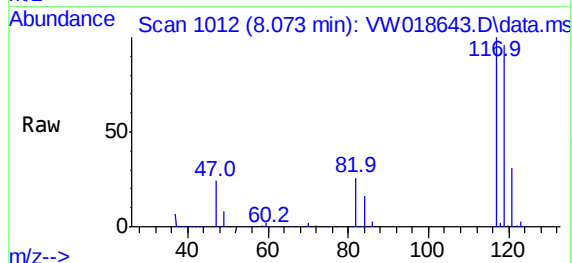




#32
Carbon tetrachloride
Concen: 26.34 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

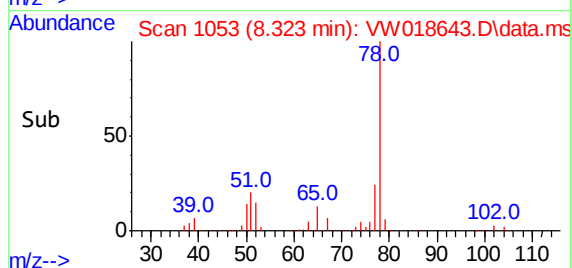
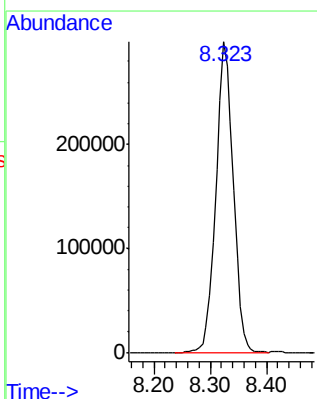
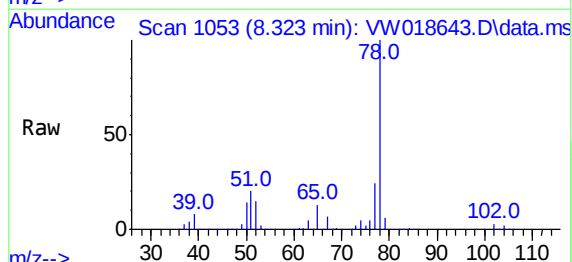
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

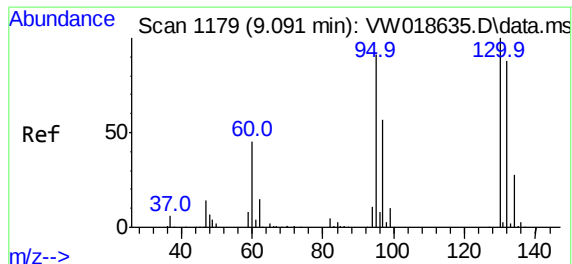
Tgt Ion:117 Resp: 233564
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1



#34
Benzene
Concen: 25.87 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 78 Resp: 637743



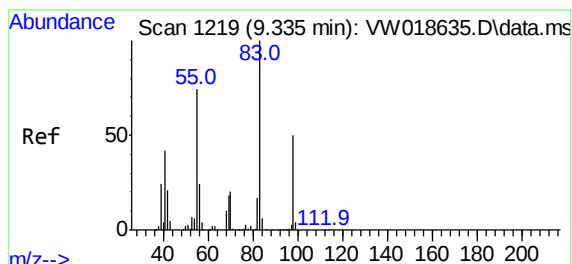
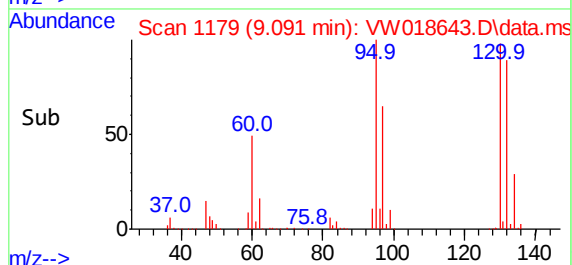
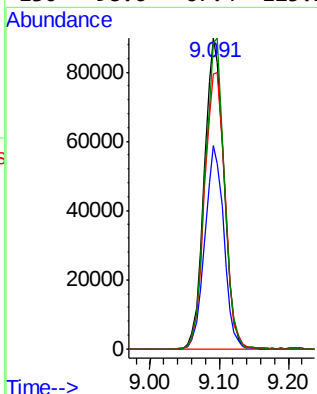
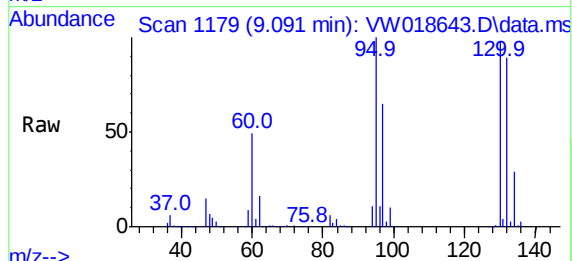


#35
Trichloroethene
Concen: 25.67 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 95 Resp: 174824

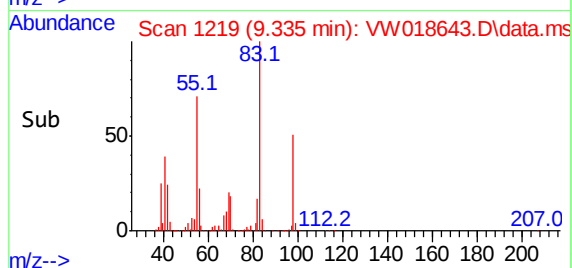
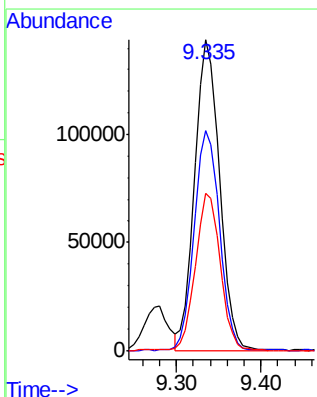
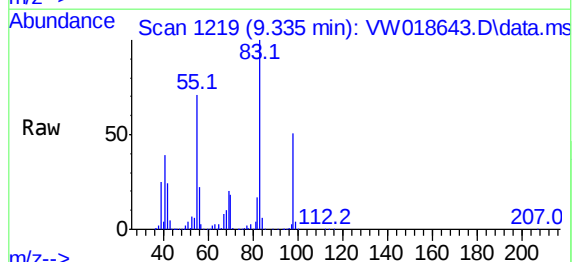
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.4
132	92.7	65.9	122.5
130	98.6	67.4	125.2

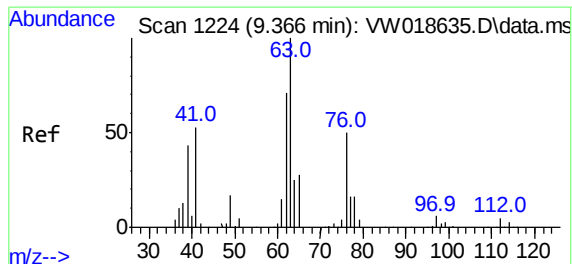


#36
Methylcyclohexane
Concen: 24.02 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 83 Resp: 286527

Ion	Ratio	Lower	Upper
83	100		
55	71.8	56.8	85.2
98	49.8	40.6	61.0

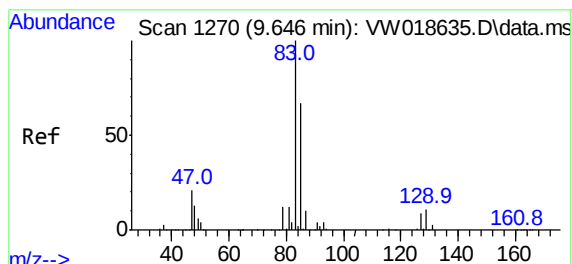
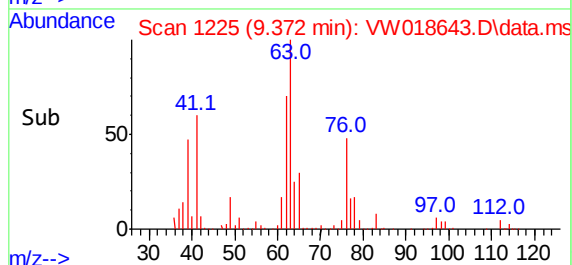
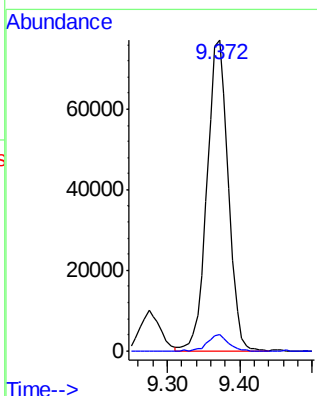
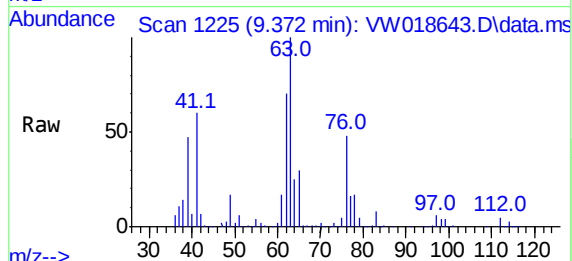




#40
1,2-Dichloropropane
Concen: 25.78 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

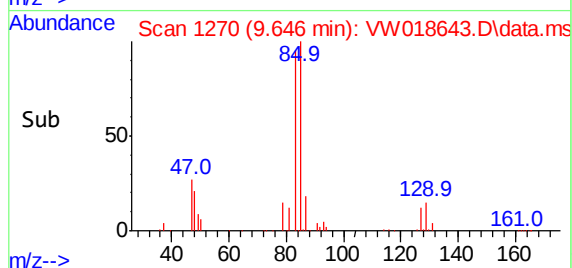
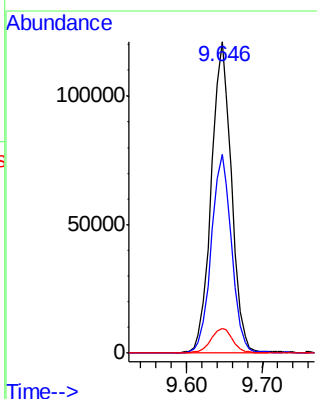
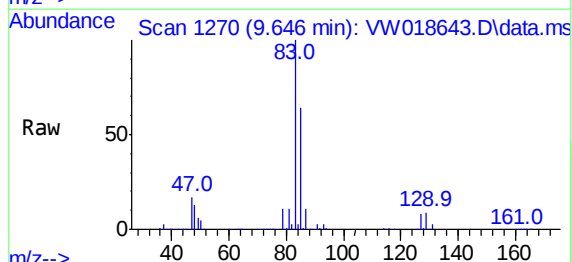
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

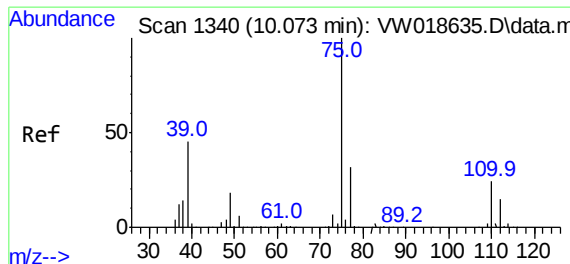
Tgt Ion: 63 Resp: 155486
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.4



#41
Bromodichloromethane
Concen: 26.02 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 83 Resp: 221800
Ion Ratio Lower Upper
83 100
85 63.6 43.8 81.4
127 7.9 6.9 10.3

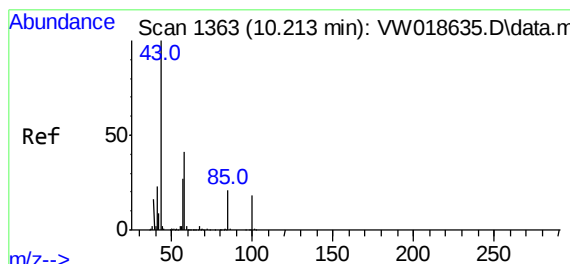
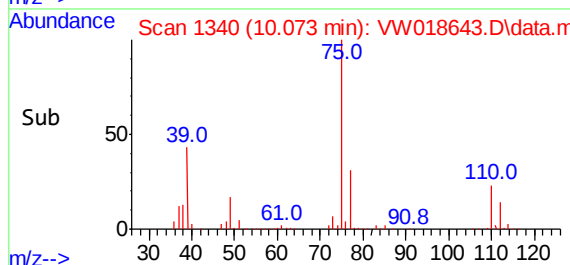
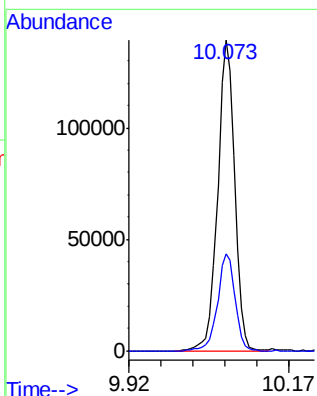
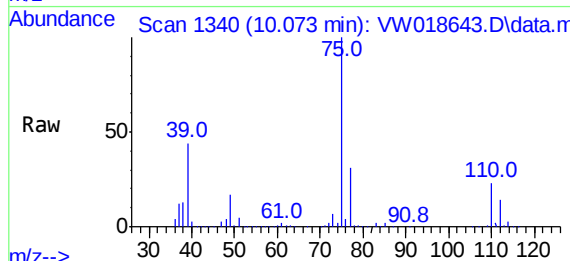




#42
cis-1,3-Dichloropropene
Concen: 24.83 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

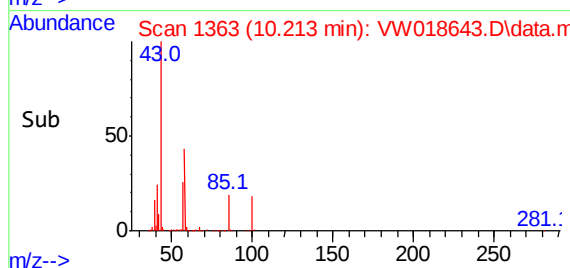
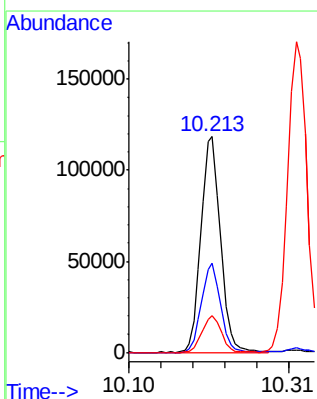
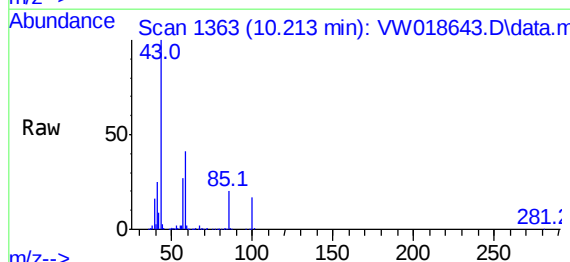
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

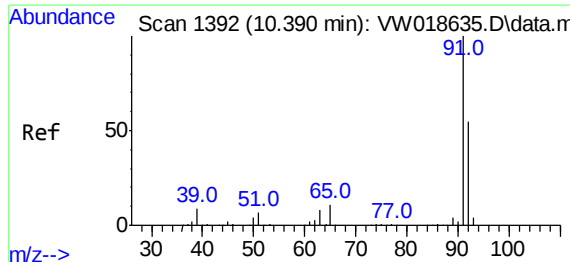
Tgt Ion: 75 Resp: 253239
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 57.85 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 43 Resp: 209799
Ion Ratio Lower Upper
43 100
58 40.4 34.8 52.2
100 16.9 15.9 23.9





#44

Toluene

Concen: 26.17 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018643.D

Acq: 13 Apr 2021 15:48

Instrument :

MSVOA_W

ClientSampleId :

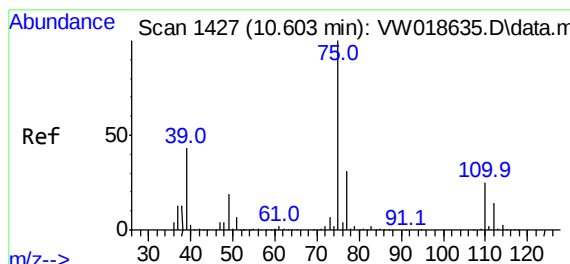
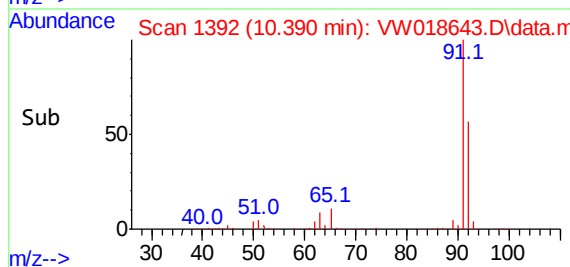
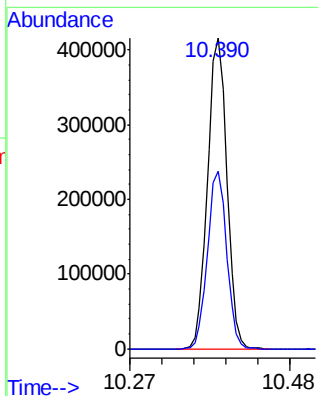
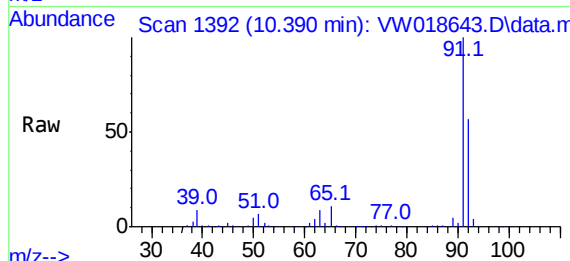
VSTD02517

Tgt Ion: 91 Resp: 733631

Ion Ratio Lower Upper

91 100

92 57.1 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 24.85 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW018643.D

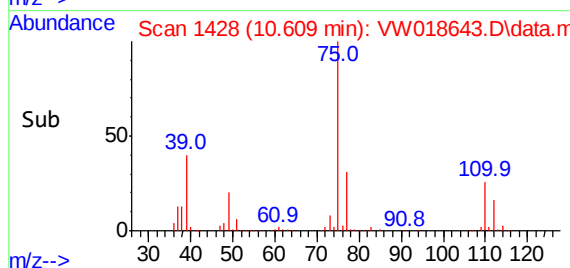
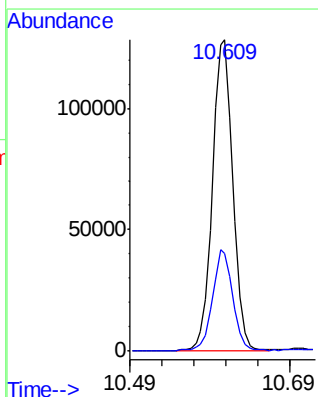
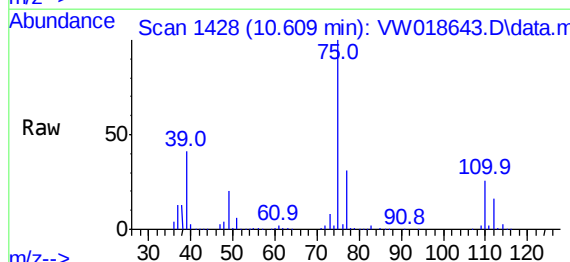
Acq: 13 Apr 2021 15:48

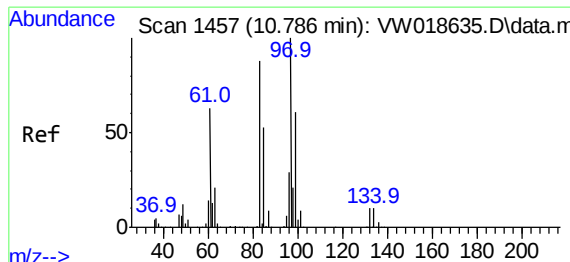
Tgt Ion: 75 Resp: 227572

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



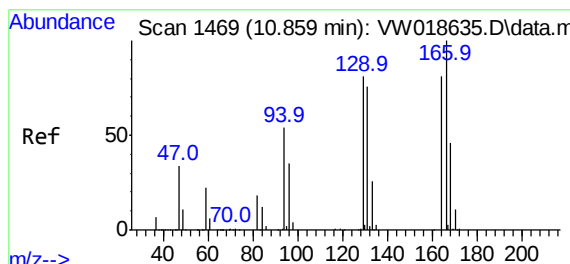
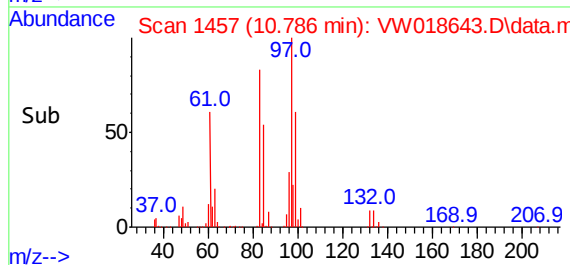
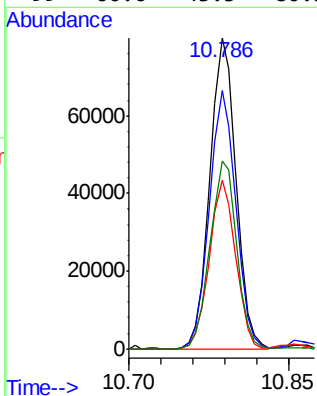
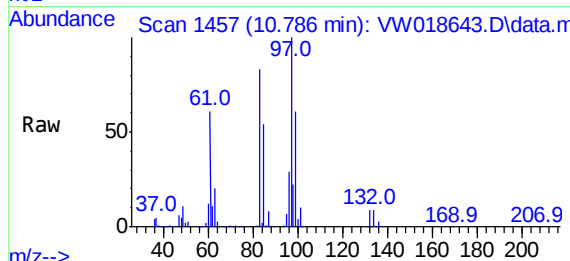


#46
1,1,2-Trichloroethane
Concen: 27.65 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion: 97 Resp: 132991

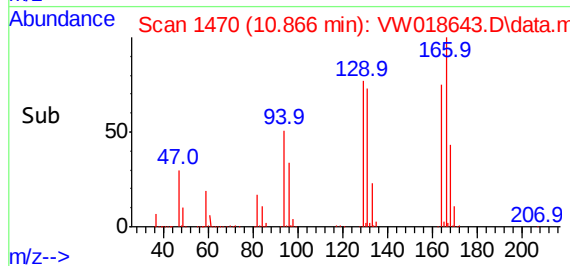
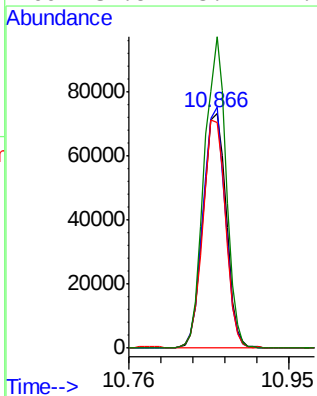
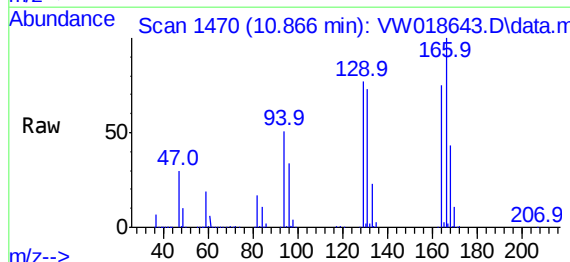
Ion	Ratio	Lower	Upper
97	100		
83	83.1	58.9	109.5
85	54.1	38.4	71.4
99	60.6	43.3	80.3

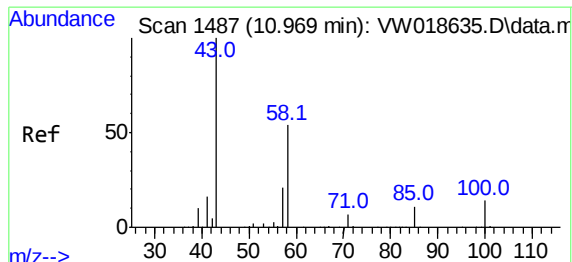


#47
Tetrachloroethene
Concen: 25.74 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 164 Resp: 133111

Ion	Ratio	Lower	Upper
164	100		
129	102.6	68.8	127.8
131	96.3	68.3	126.8
166	132.8	95.4	177.2

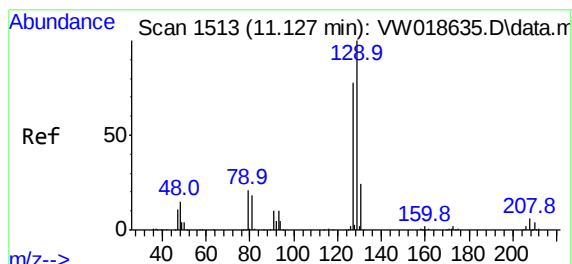
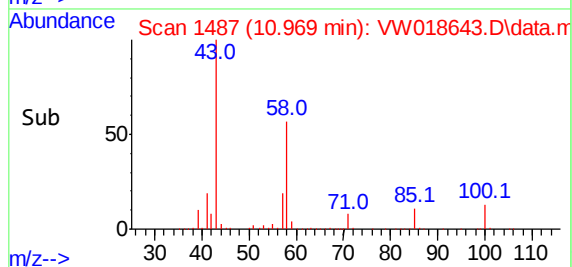
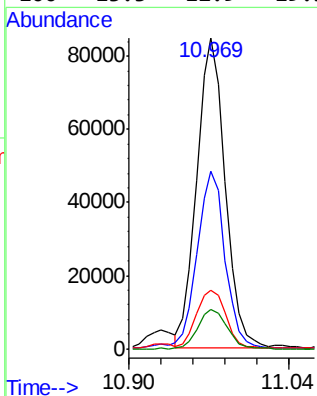
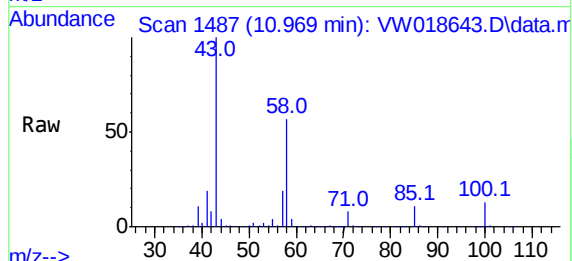




#49
2-Hexanone
Concen: 55.49 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

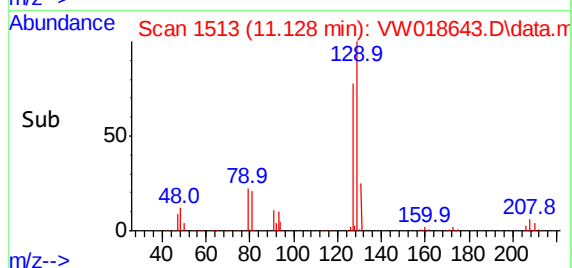
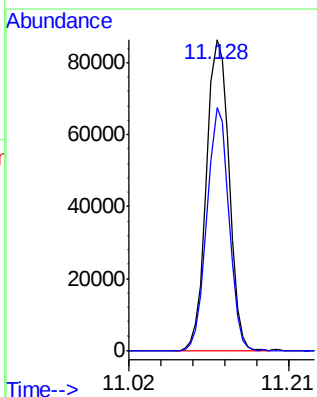
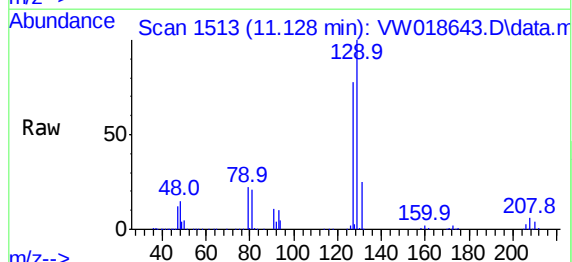
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

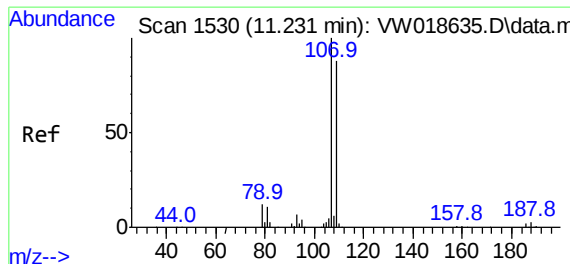
Tgt Ion: 43 Resp: 142404
Ion Ratio Lower Upper
43 100
58 57.0 47.3 70.9
57 20.1 17.3 25.9
100 13.3 12.9 19.3



#50
Dibromochloromethane
Concen: 27.23 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 129 Resp: 154422
Ion Ratio Lower Upper
129 100
127 78.3 58.0 107.6

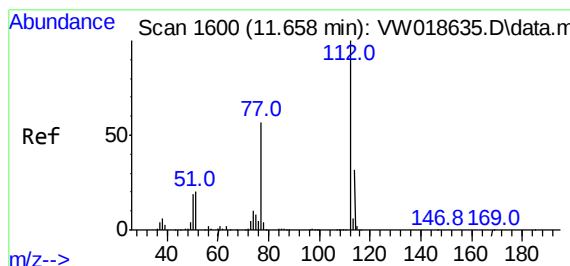
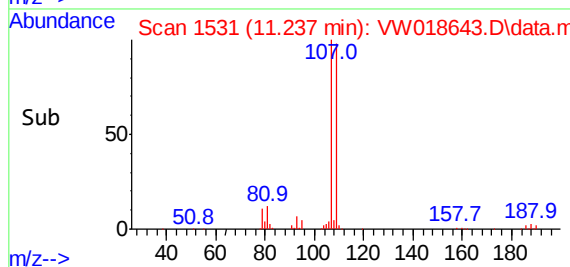
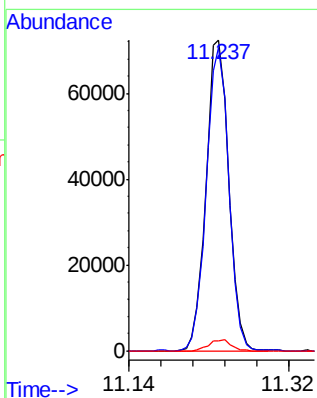
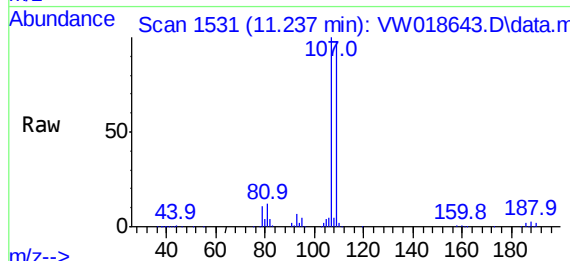




#51
1,2-Dibromoethane
Concen: 26.82 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

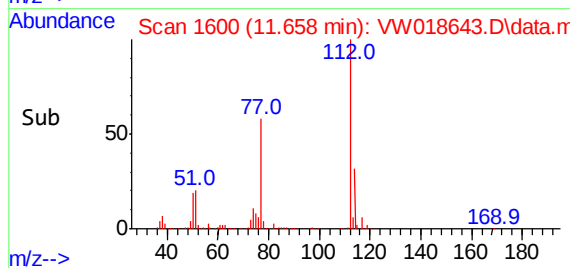
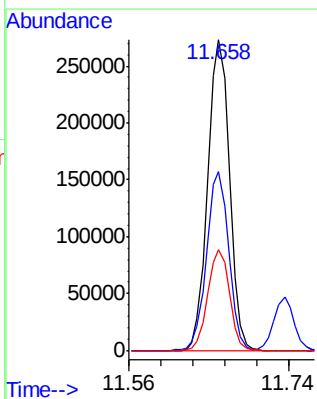
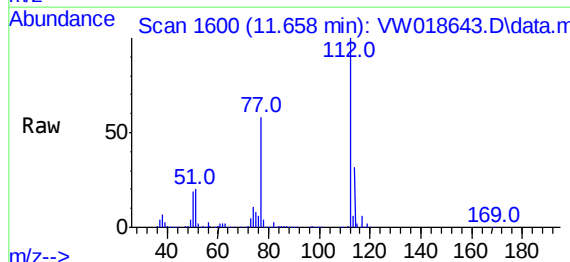
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

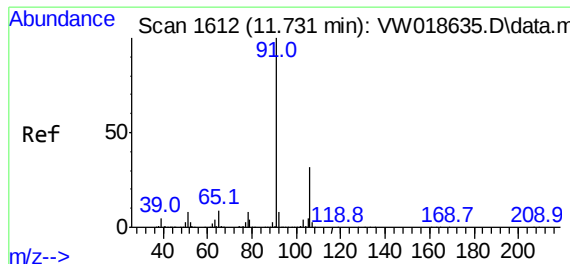
Tgt Ion:107 Resp: 127728
Ion Ratio Lower Upper
107 100
109 97.5 65.9 122.5
188 3.4 3.0 4.4



#52
Chlorobenzene
Concen: 26.05 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:112 Resp: 463079
Ion Ratio Lower Upper
112 100
77 57.7 45.4 68.2
114 32.3 22.5 41.9

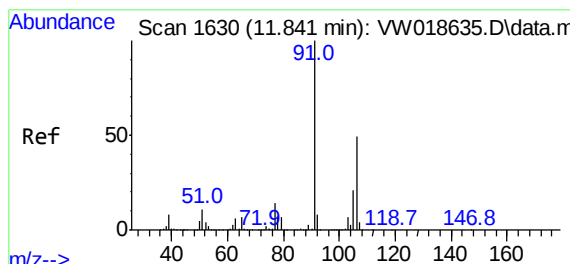
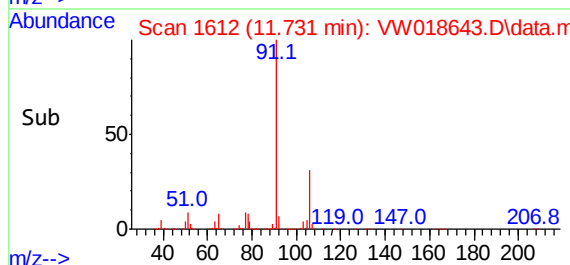
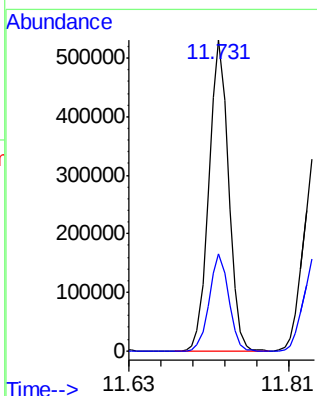
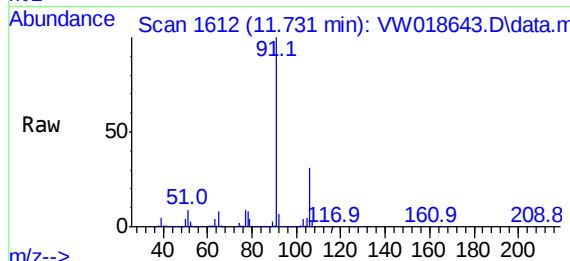




#53
Ethylbenzene
Concen: 25.56 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

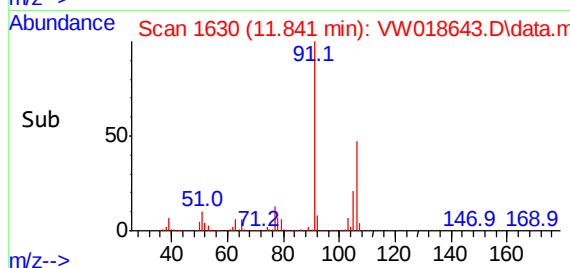
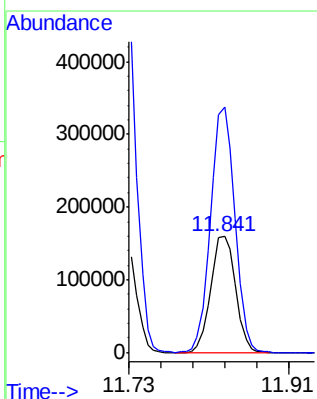
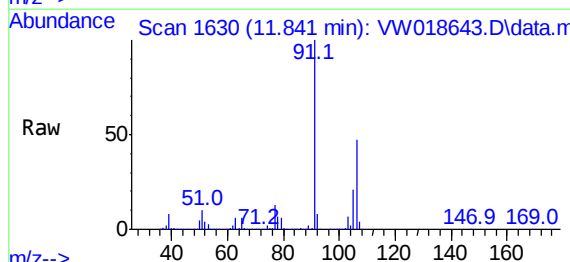
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

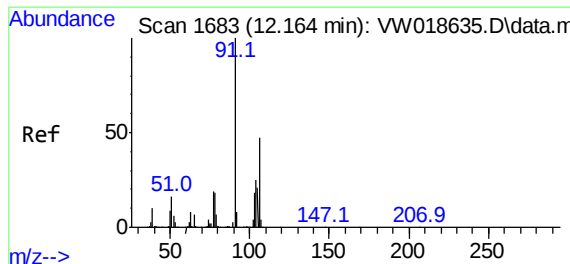
Tgt Ion: 91 Resp: 807767
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#54
m,p-Xylene
Concen: 25.46 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 106 Resp: 307463
Ion Ratio Lower Upper
106 100
91 211.8 145.3 269.8

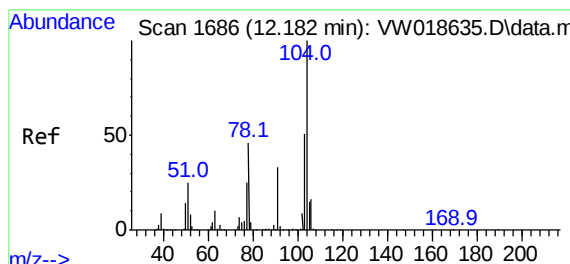
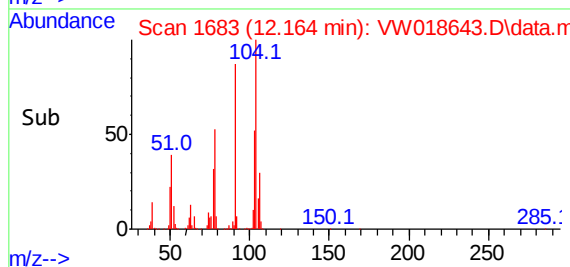
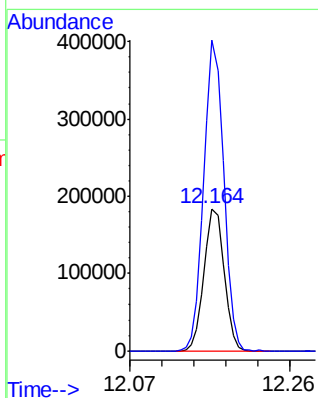
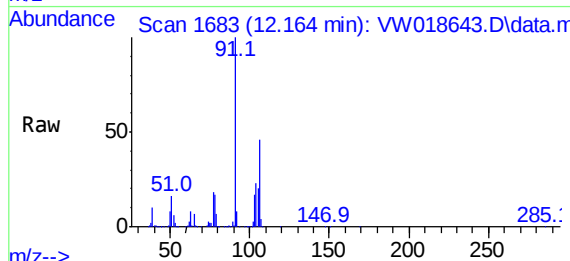




#55
o-xylene
Concen: 25.33 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

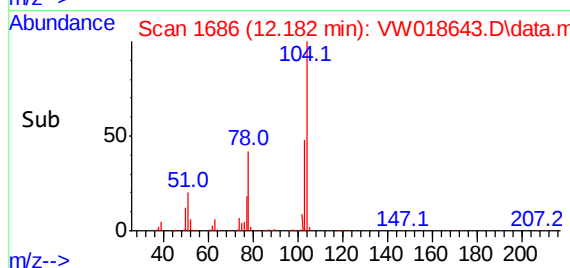
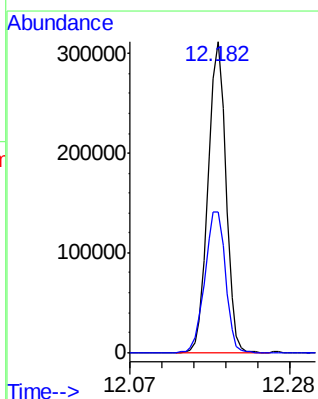
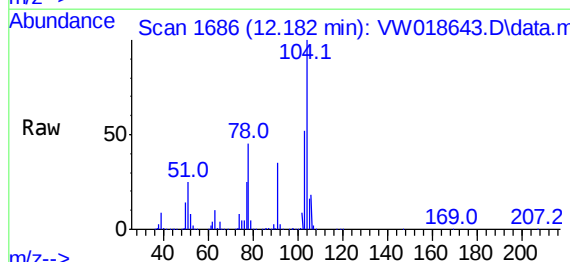
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

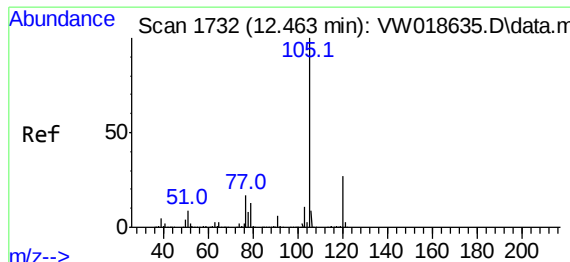
Tgt Ion:106 Resp: 291663
Ion Ratio Lower Upper
106 100
91 218.7 154.3 286.5



#56
Styrene
Concen: 25.77 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:104 Resp: 505966
Ion Ratio Lower Upper
104 100
78 45.2 34.7 64.5

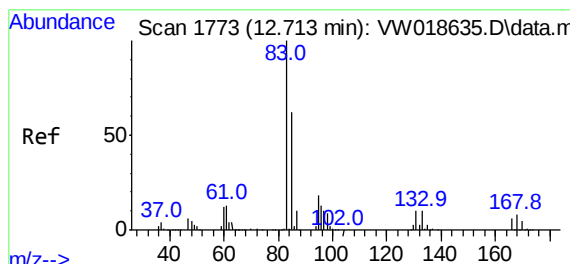
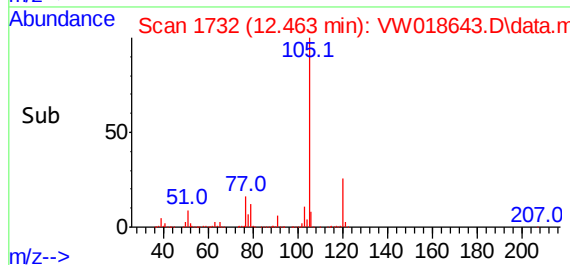
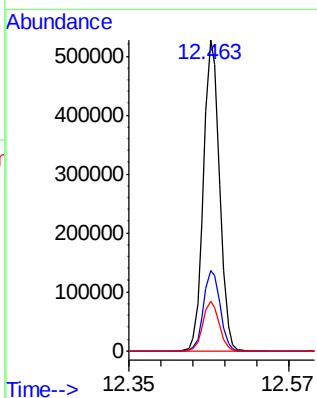
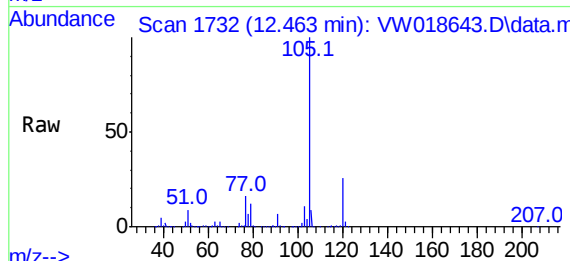




#57
Isopropylbenzene
Concen: 25.86 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

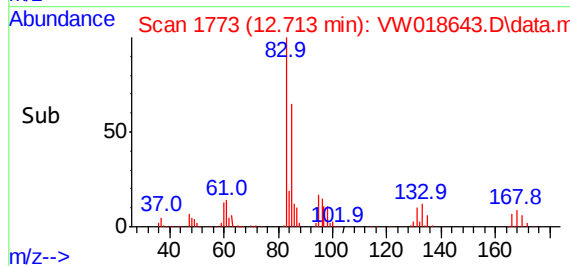
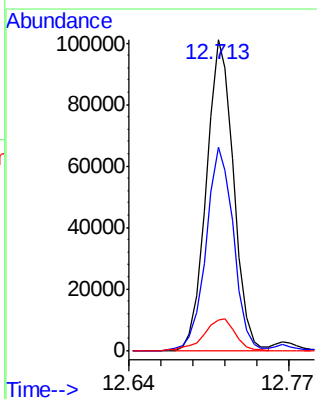
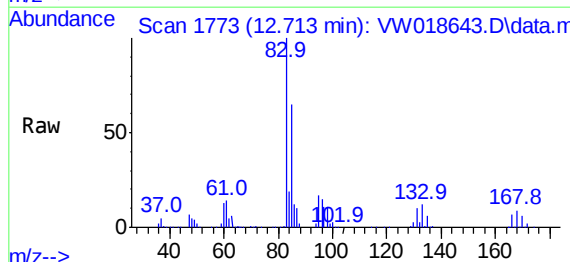
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

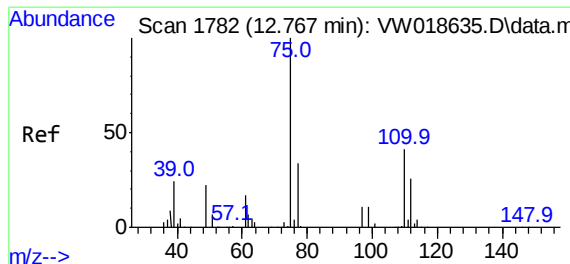
Tgt Ion:105 Resp: 809779
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 16.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 28.10 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 83 Resp: 163563
Ion Ratio Lower Upper
83 100
85 65.2 49.0 91.0
131 9.8 8.7 13.1

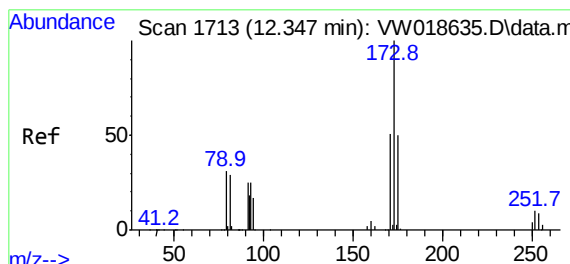
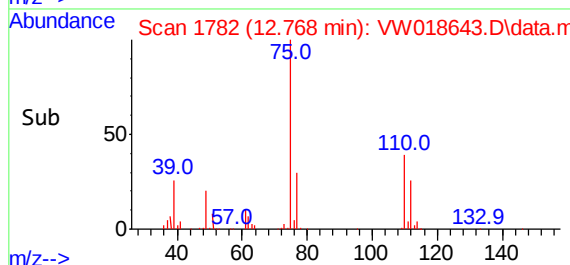
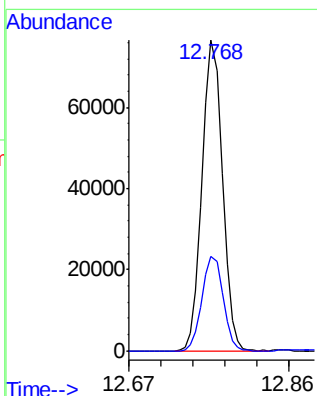
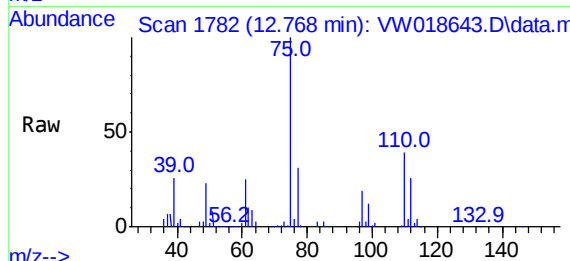




#59
1,2,3-Trichloropropane
Concen: 28.17 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

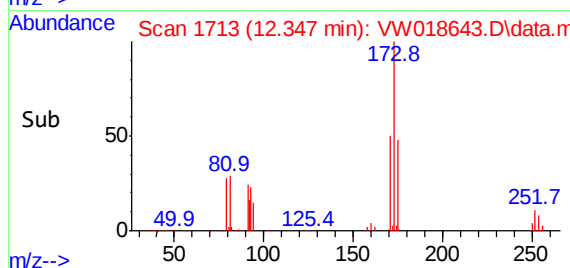
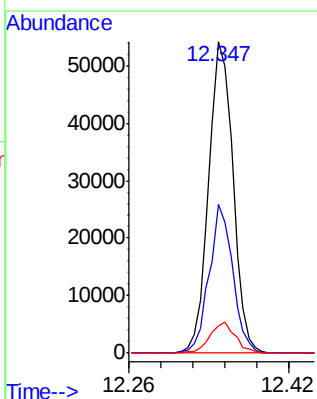
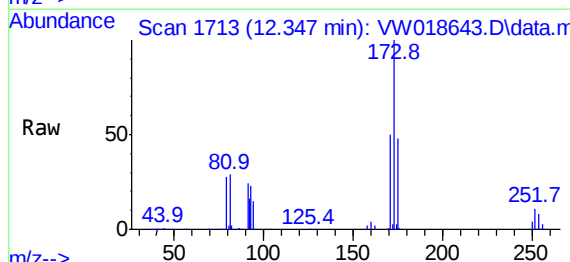
Instrument :
MSVOA_W
ClientSampleID :
VSTD02517

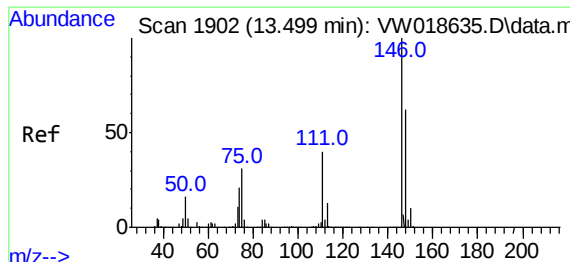
Tgt Ion: 75 Resp: 123798
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#62
Bromoform
Concen: 25.13 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 173 Resp: 89572
Ion Ratio Lower Upper
173 100
175 45.8 38.2 57.2
254 9.8 6.0 9.0#

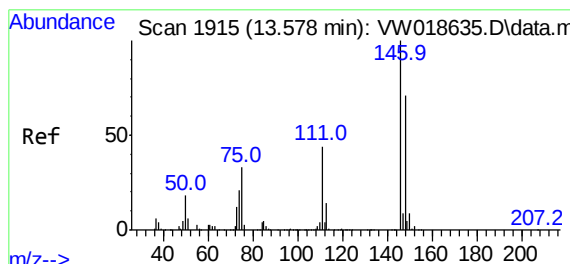
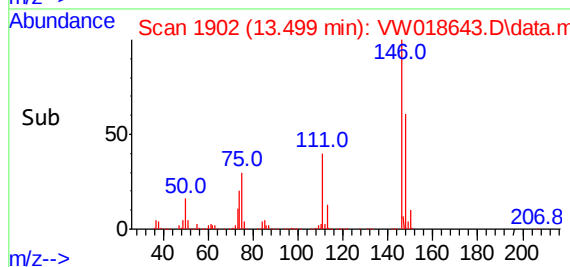
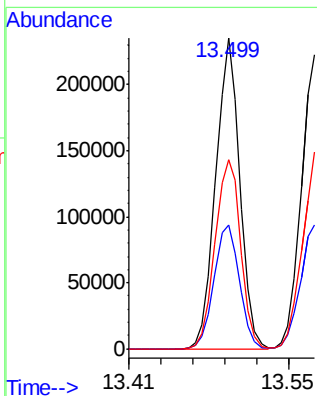
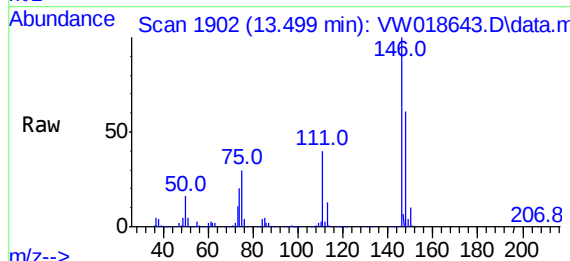




#63
1,3-Dichlorobenzene
Concen: 24.22 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

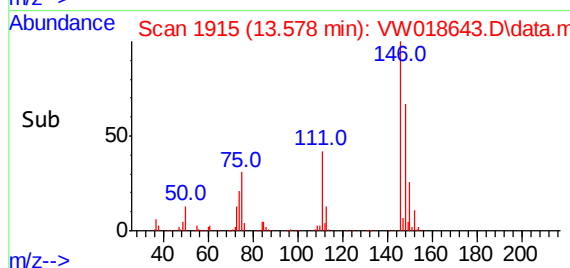
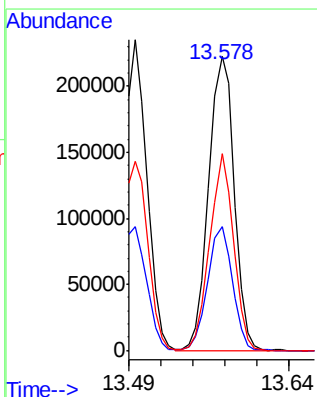
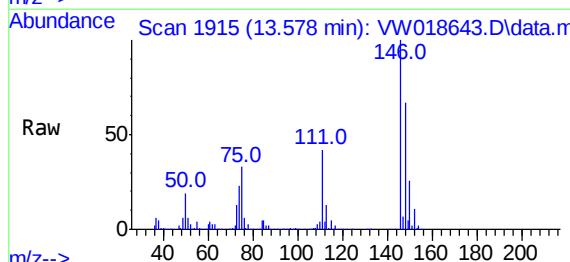
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

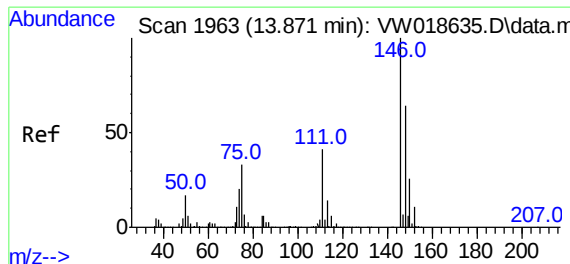
Tgt Ion:146 Resp: 360418
Ion Ratio Lower Upper
146 100
111 39.9 27.5 51.1
148 60.9 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 24.08 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:146 Resp: 361525
Ion Ratio Lower Upper
146 100
111 42.0 28.3 52.5
148 67.1 47.3 87.9

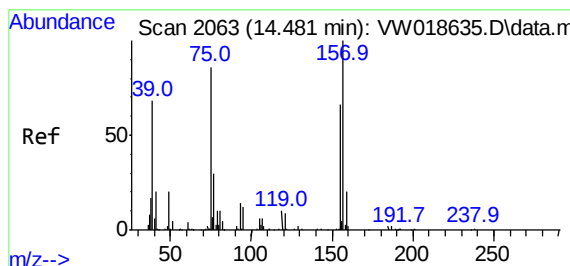
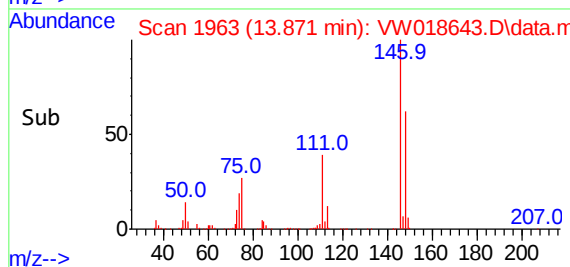
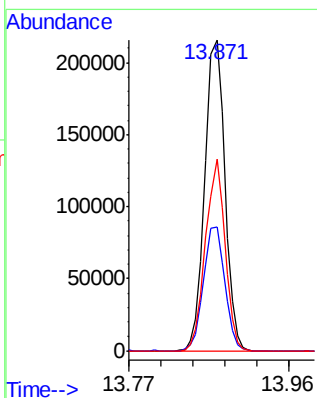
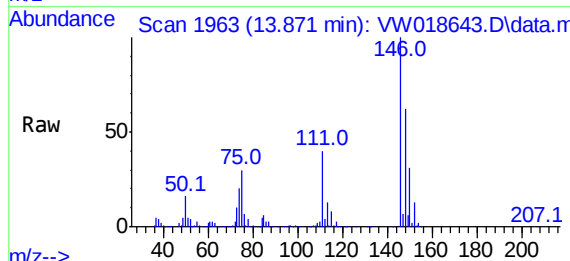




#65
1,2-Dichlorobenzene
Concen: 25.78 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

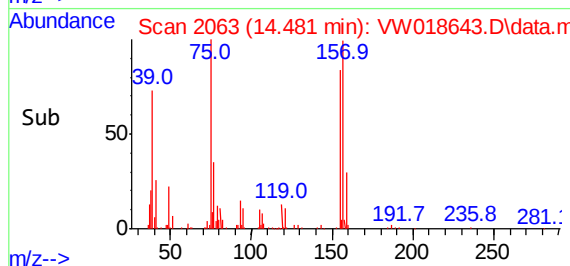
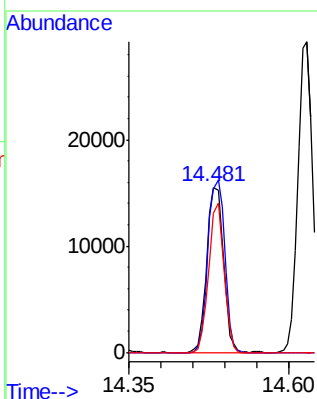
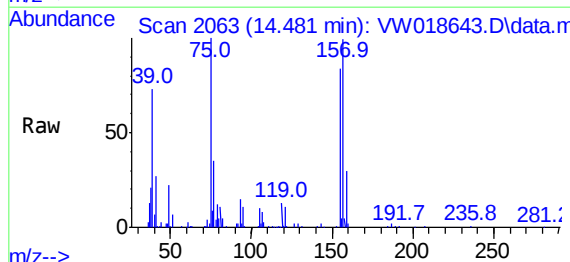
Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

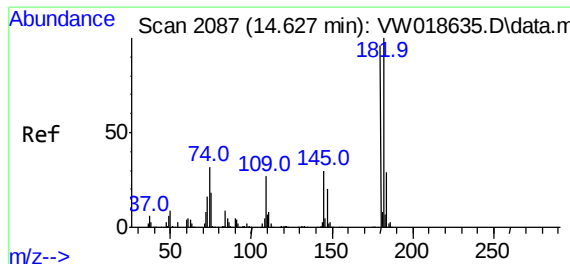
Tgt Ion:146 Resp: 342808
Ion Ratio Lower Upper
146 100
111 39.7 36.0 54.0
148 61.7 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.52 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion: 75 Resp: 27070
Ion Ratio Lower Upper
75 100
157 99.0 65.2 97.8#
155 83.9 60.1 90.1



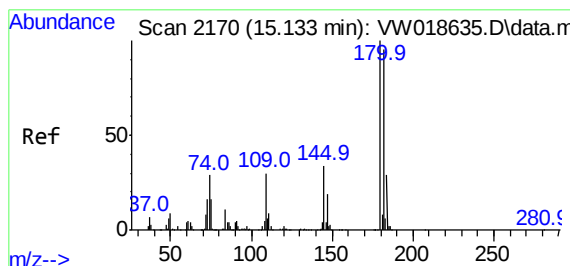
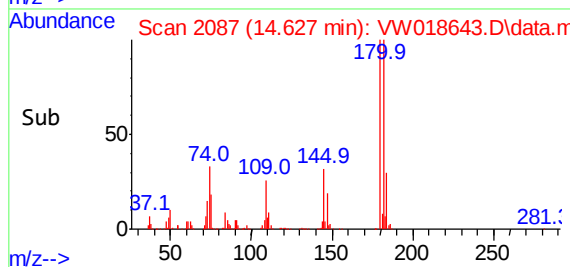
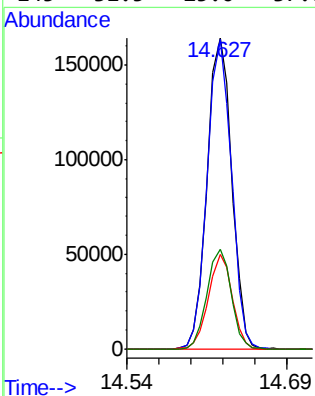
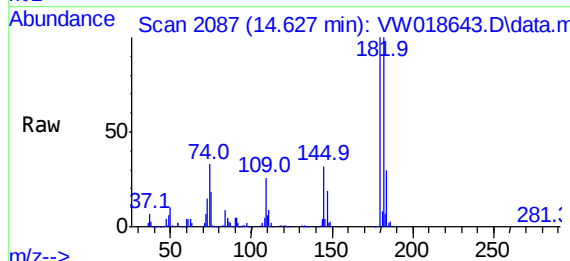


#67
1,3,5-Trichlorobenzene
Concen: 23.95 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion:180 Resp: 257027

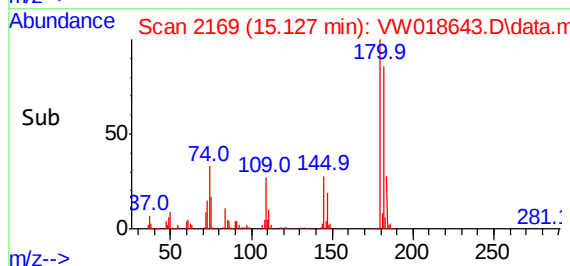
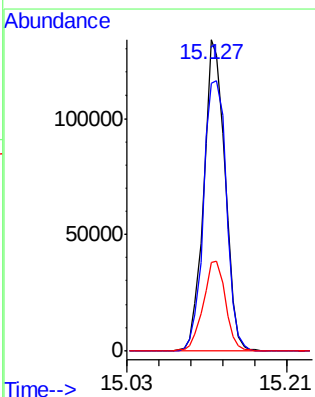
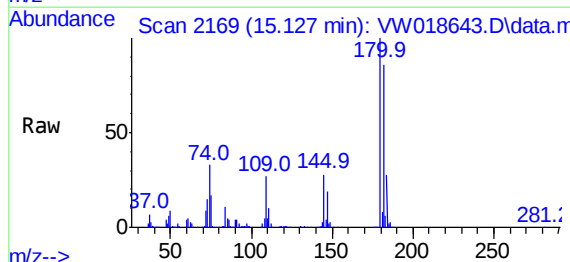
Ion	Ratio	Lower	Upper
180	100		
182	98.0	71.8	107.8
184	29.4	23.5	35.3
145	31.5	25.0	37.6

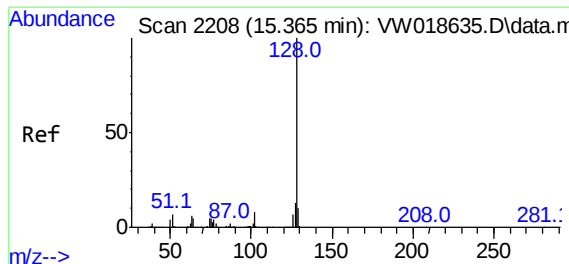


#68
1,2,4-trichlorobenzene
Concen: 24.18 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:180 Resp: 220766

Ion	Ratio	Lower	Upper
180	100		
182	93.7	70.2	105.4
145	29.8	24.9	37.3

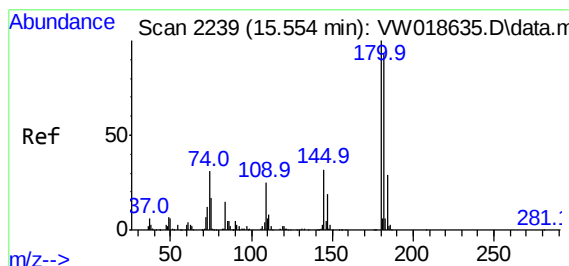
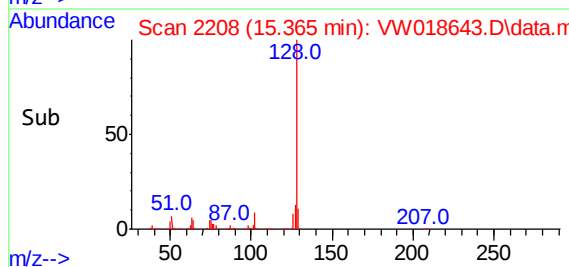
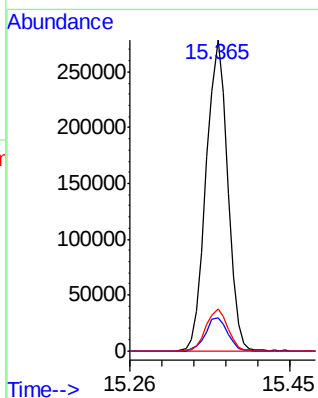
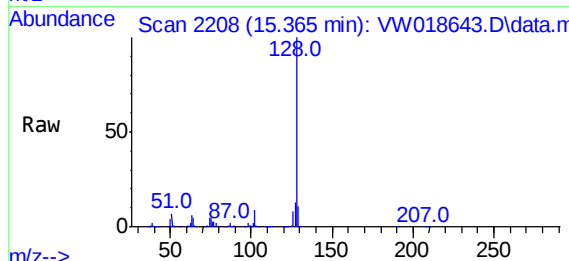




#69
Naphthalene
Concen: 24.91 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02517

Tgt Ion:128 Resp: 473634
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.4 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.58 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018643.D
Acq: 13 Apr 2021 15:48

Tgt Ion:180 Resp: 195815
Ion Ratio Lower Upper
180 100
182 91.5 76.5 114.7
145 33.9 27.7 41.5

