

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018610.D
 Acq On : 08 Apr 2021 18:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Apr 09 03:14:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	466131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	437023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	234886	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	130232	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.32%
7) Chloroethane-d5	2.891	69	120976	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
10) 1,1-Dichloroethene-d2	4.031	63	237531	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.84%
20) 2-Butanone-d5	7.080	46	71814	49.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.46%
24) Chloroform-d	7.647	84	283214	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.305	65	163722	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.275	84	506423	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.274	67	154472	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.323	98	490051	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloroprop...	10.579	79	69980	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.927	63	60341	46.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.02%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	153945	25.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	193810	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	115693	21.61	ug/L	92
3) Chloromethane	2.215	50	151422	22.44	ug/L	98
5) Vinyl chloride	2.367	62	215789	24.35	ug/L	100
6) Bromomethane	2.782	94	156324	24.43	ug/L	100
8) Chloroethane	2.928	64	142341	25.76	ug/L	99
9) Trichlorofluoromethane	3.263	101	123874	27.78	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	158984	27.73	ug/L	100
12) 1,1-Dichloroethene	4.044	96	150414	25.71	ug/L	96
13) Acetone	4.135	43	47325	45.62	ug/L	97
14) Carbon disulfide	4.391	76	432838	24.56	ug/L	100
15) Methyl Acetate	4.678	43	61211	25.80	ug/L	98
16) Methylene chloride	4.922	84	176388	23.07	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	216687	25.35	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	169351	26.22	ug/L	99
19) 1,1-Dichloroethane	6.220	63	291287	26.43	ug/L	97
21) 2-Butanone	7.177	43	83122	50.43	ug/L	95
22) cis-1,2-Dichloroethene	7.171	96	184183	27.11	ug/L	98
23) Bromochloromethane	7.519	128	84259	28.02	ug/L	93
25) Chloroform	7.677	83	323883	27.69	ug/L	99

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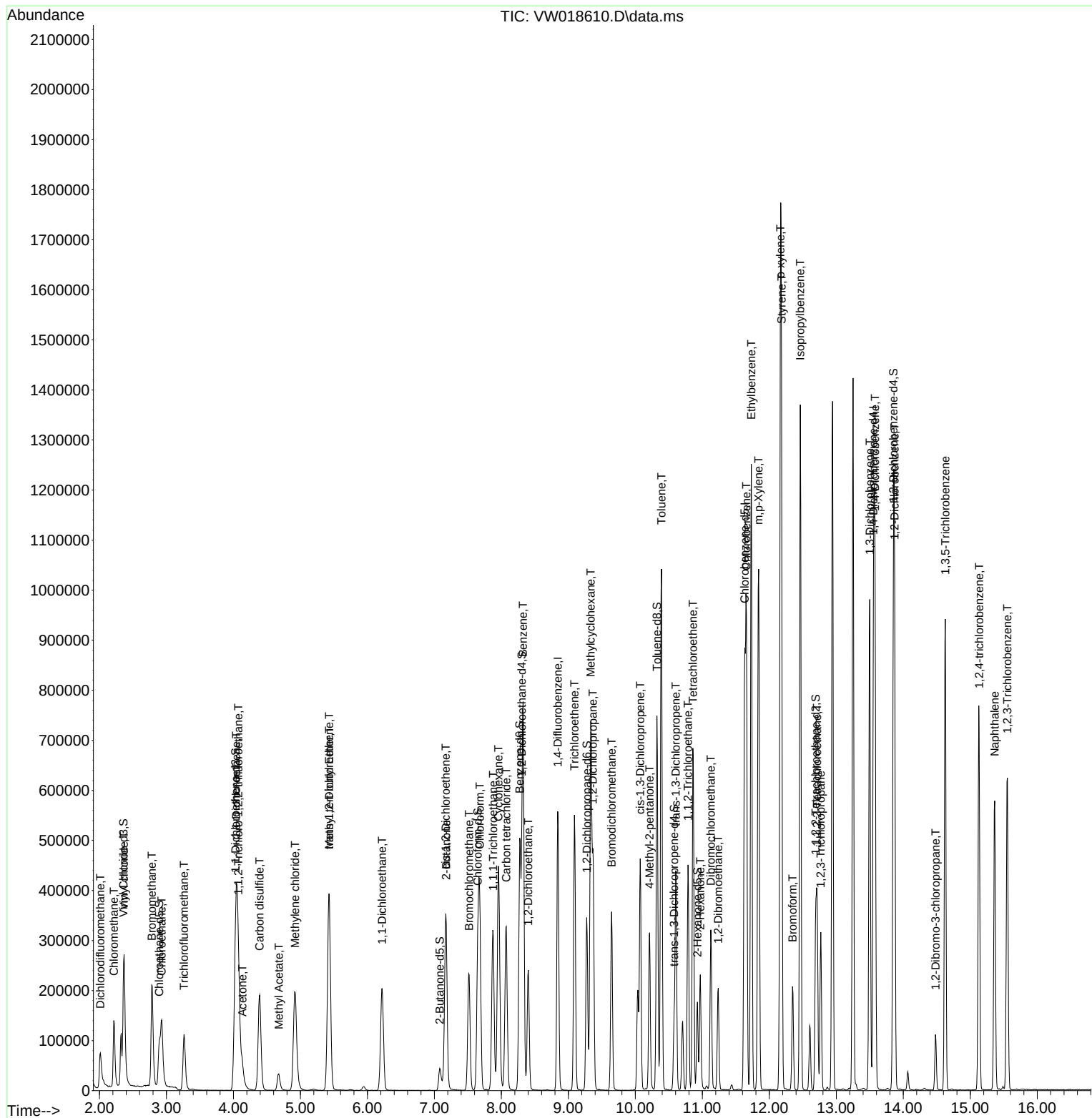
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	221875	26.73	ug/L	99
30) Cyclohexane	7.958	56	249872	24.08	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	259055	26.52	ug/L	99
32) Carbon tetrachloride	8.073	117	246436	27.07	ug/L	100
34) Benzene	8.323	78	680247	26.88	ug/L	100
35) Trichloroethene	9.091	95	188140	26.91	ug/L	98
36) Methylcyclohexane	9.335	83	308270	25.18	ug/L	99
40) 1,2-Dichloropropane	9.366	63	162328	26.22	ug/L	99
41) Bromodichloromethane	9.646	83	229404	26.21	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	262272	25.05	ug/L	96
43) 4-Methyl-2-pentanone	10.213	43	196847	52.87	ug/L	96
44) Toluene	10.390	91	776234	26.98	ug/L	94
45) trans-1,3-Dichloropropene	10.603	75	239065	25.43	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	135965	27.54	ug/L	99
47) Tetrachloroethene	10.859	164	146541	27.60	ug/L	97
49) 2-Hexanone	10.969	43	134893	51.20	ug/L	96
50) Dibromochloromethane	11.128	129	160020	27.49	ug/L	98
51) 1,2-Dibromoethane	11.237	107	133320	27.27	ug/L	97
52) Chlorobenzene	11.658	112	494066	27.08	ug/L	100
53) Ethylbenzene	11.731	91	883126	27.22	ug/L	96
54) m,p-Xylene	11.841	106	331895	26.77	ug/L	98
55) o-xylene	12.164	106	320545	27.12	ug/L	93
56) Styrene	12.182	104	557683	27.67	ug/L	93
57) Isopropylbenzene	12.463	105	867440	26.99	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	165758	27.74	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	125985	27.93	ug/L	99
62) Bromoform	12.347	173	89200	24.77	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	385494	25.64	ug/L	99
64) 1,4-Dichlorobenzene	13.578	146	394556	26.01	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	357512	26.61	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	26780	22.05	ug/L	86
67) 1,3,5-Trichlorobenzene	14.627	180	275463	25.41	ug/L	93
68) 1,2,4-trichlorobenzene	15.133	180	232217	25.17	ug/L	94
69) Naphthalene	15.365	128	481819	25.08	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	210075	26.10	ug/L	98

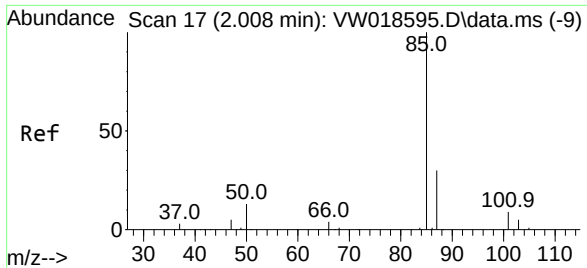
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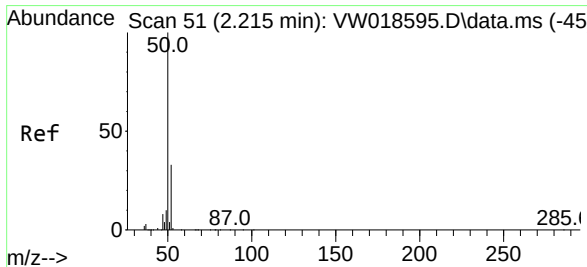
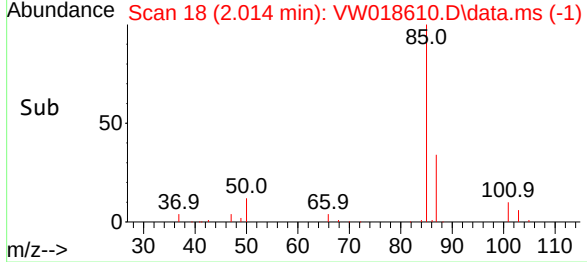
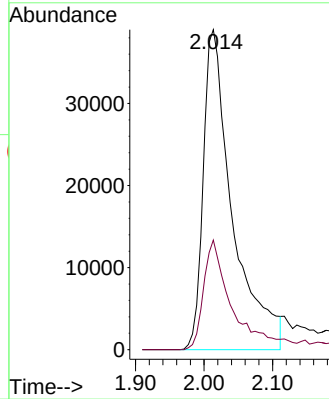
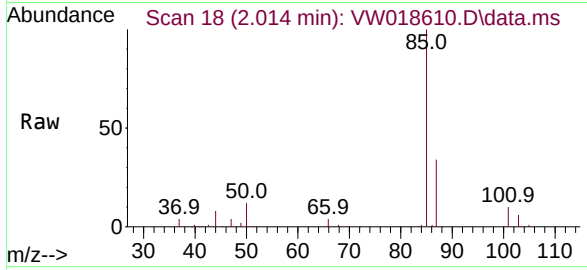




#2
Dichlorodifluoromethane
Concen: 21.61 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

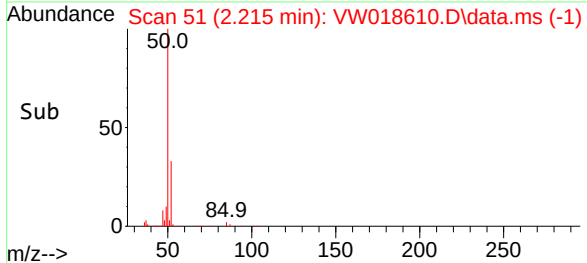
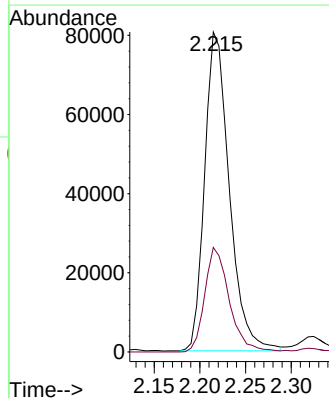
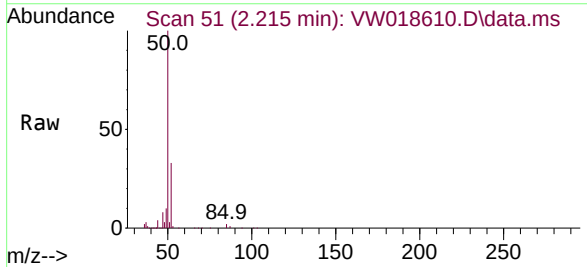
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ClientSampleId :
VSTD02511

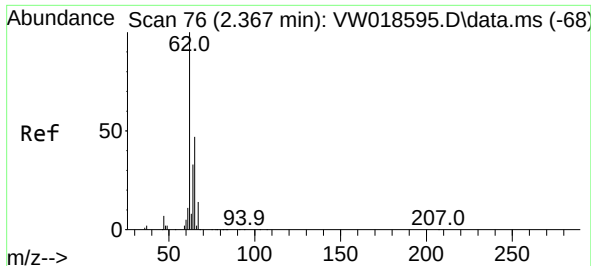
Tgt Ion: 85 Resp: 115693
Ion Ratio Lower Upper
85 100
87 27.1 22.2 41.2



#3
Chloromethane
Concen: 22.44 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 50 Resp: 151422
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9

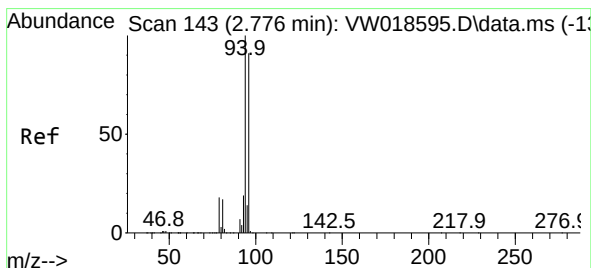
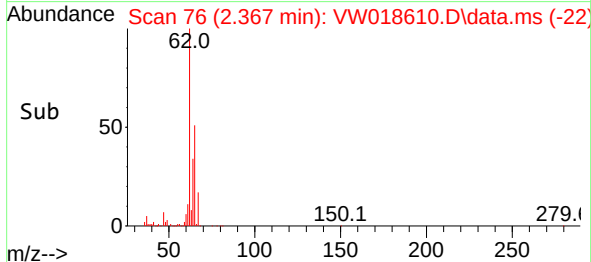
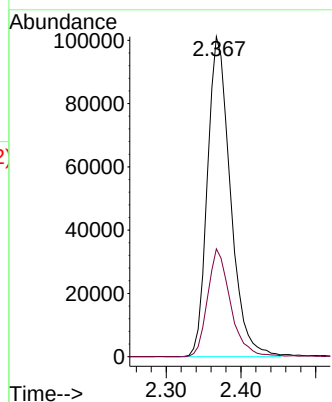
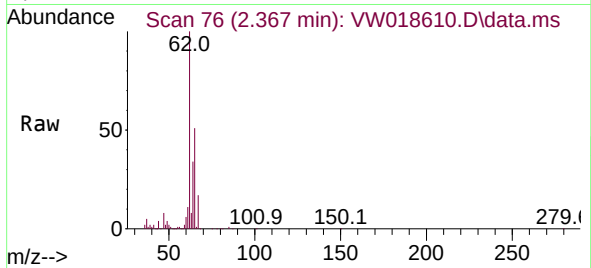




#5
 Vinyl chloride
 Concen: 24.35 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

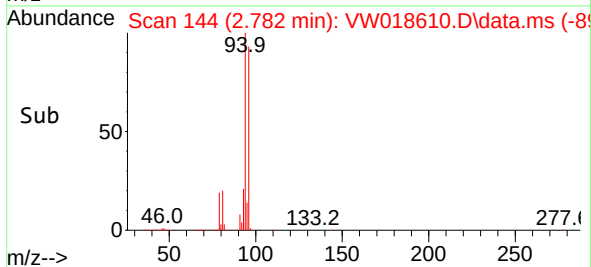
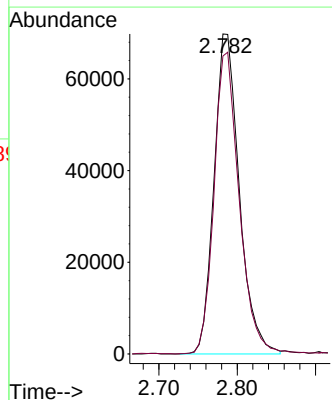
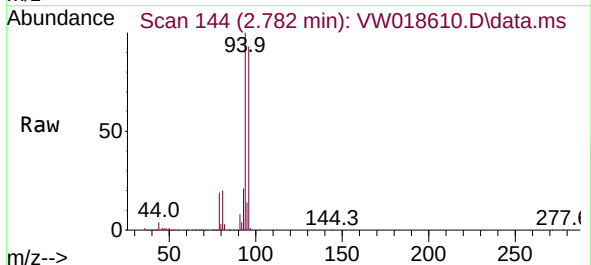
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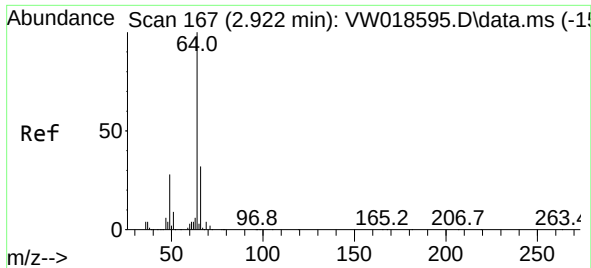
Tgt Ion: 62 Resp: 215789
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.5 43.7



#6
 Bromomethane
 Concen: 24.43 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

Tgt Ion: 94 Resp: 156324
 Ion Ratio Lower Upper
 94 100
 96 94.7 9.4 179.4

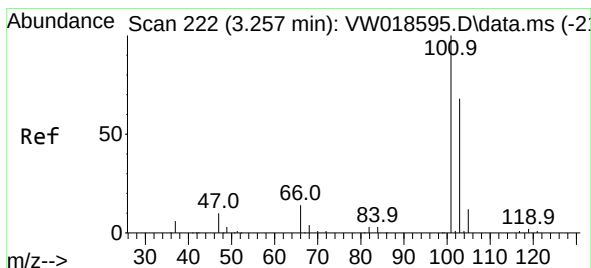
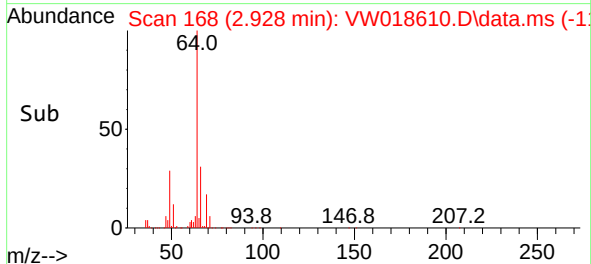
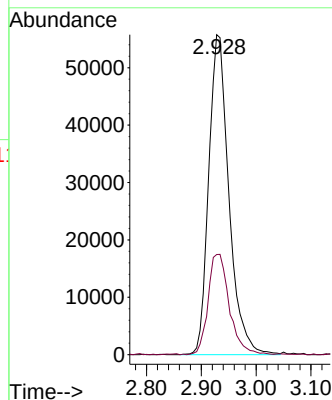
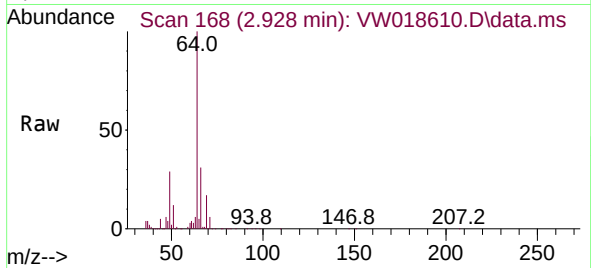




#8
Chloroethane
Concen: 25.76 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

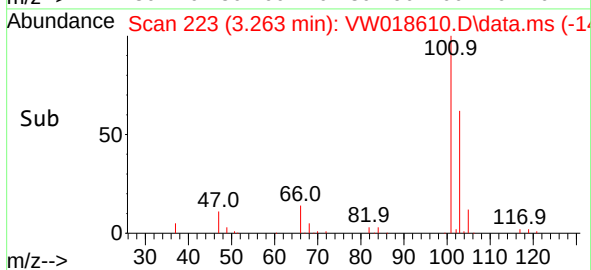
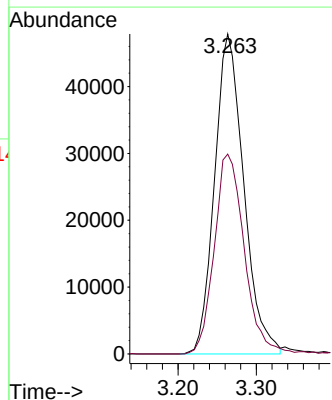
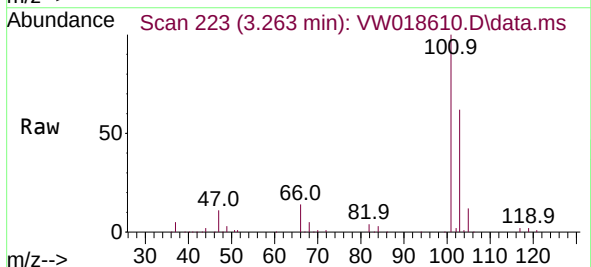
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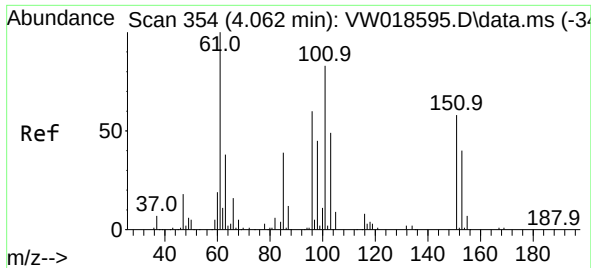
Tgt Ion: 64 Resp: 142341
Ion Ratio Lower Upper
64 100
66 31.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 27.78 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 101 Resp: 123874
Ion Ratio Lower Upper
101 100
103 64.1 45.6 84.8

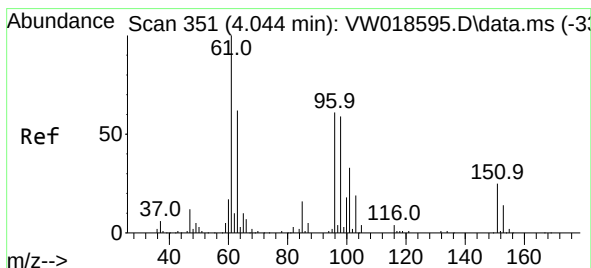
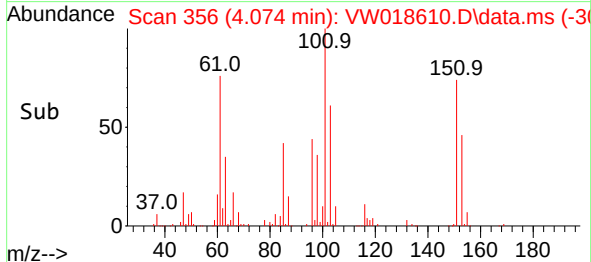
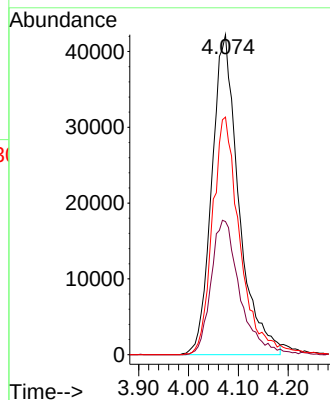
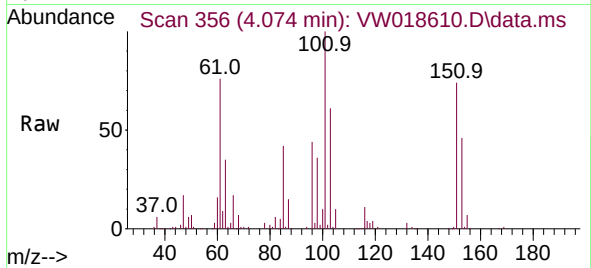




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.73 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.012 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

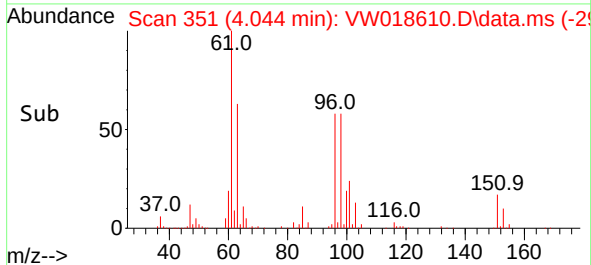
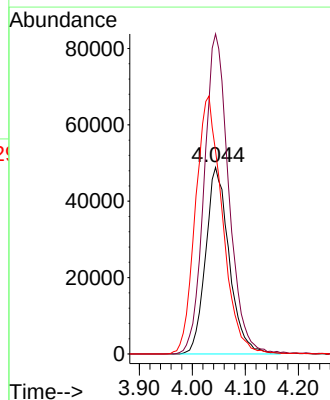
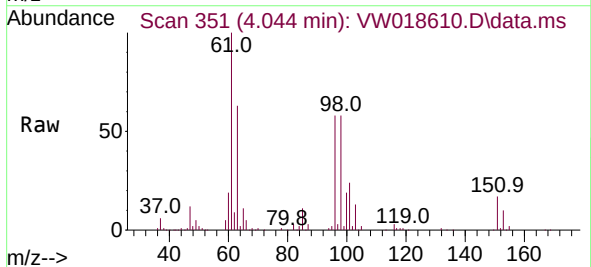
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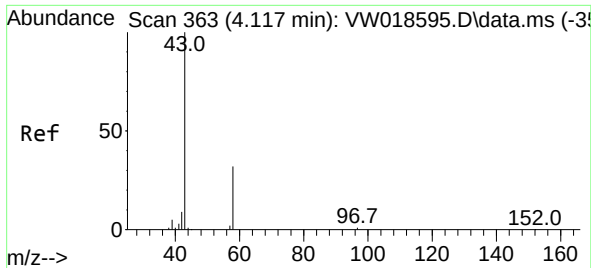
Tgt Ion:101 Resp: 158984
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.6 53.4
 151 73.1 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 25.71 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

Tgt Ion: 96 Resp: 150414
 Ion Ratio Lower Upper
 96 100
 61 171.5 118.6 220.2
 63 108.7 82.4 153.0

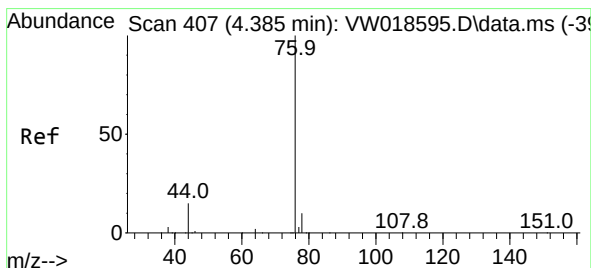
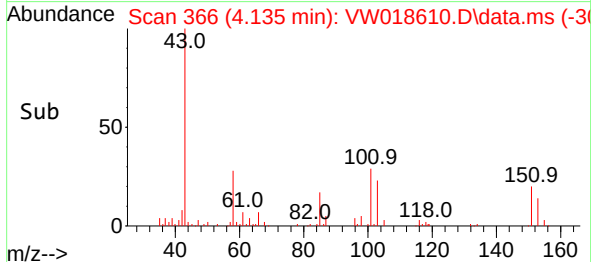
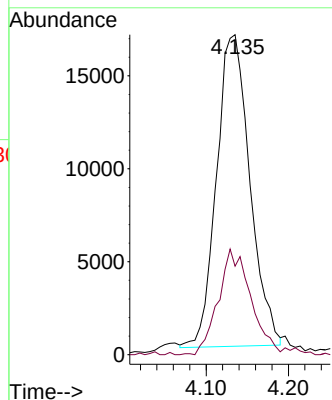
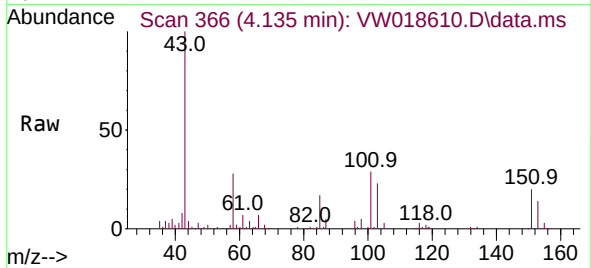




#13
Acetone
Concen: 45.62 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

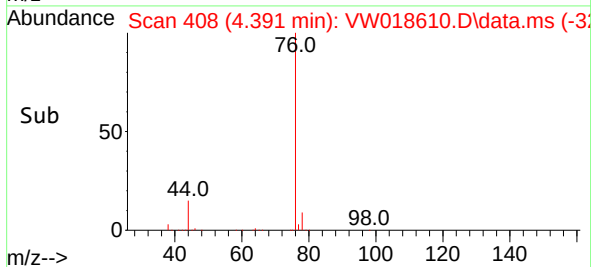
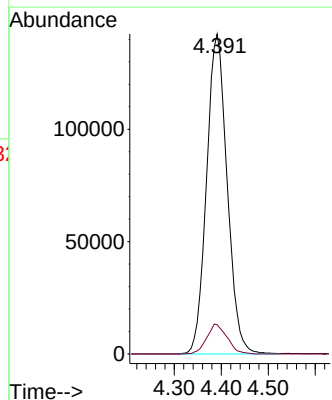
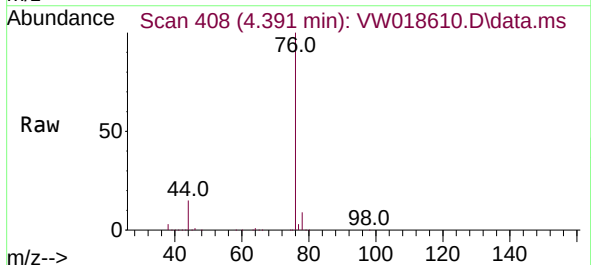
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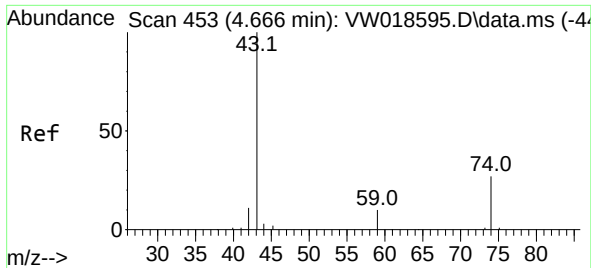
Tgt Ion: 43 Resp: 47325
Ion Ratio Lower Upper
43 100
58 32.8 0.0 62.2



#14
Carbon disulfide
Concen: 24.56 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 432838
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

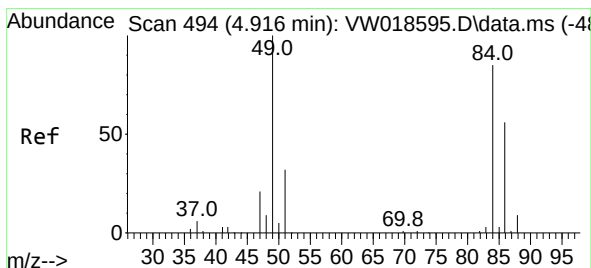
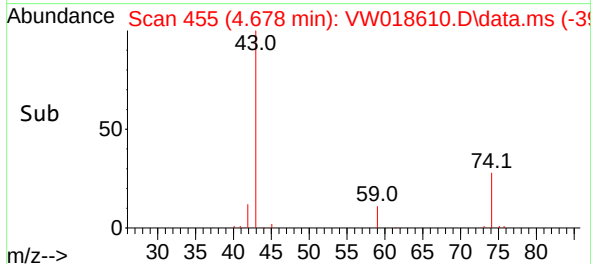
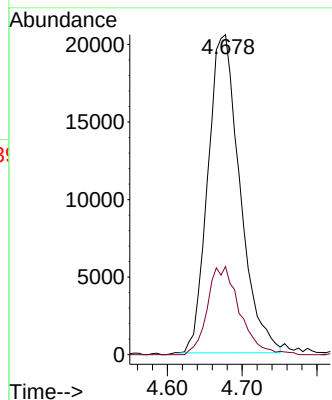
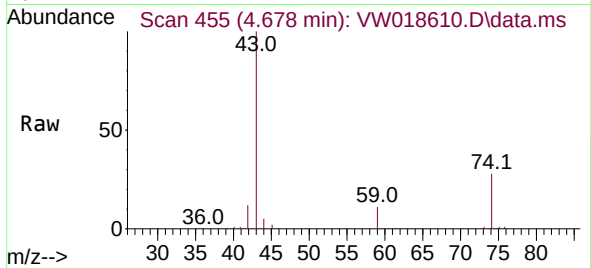




#15
Methyl Acetate
Concen: 25.80 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

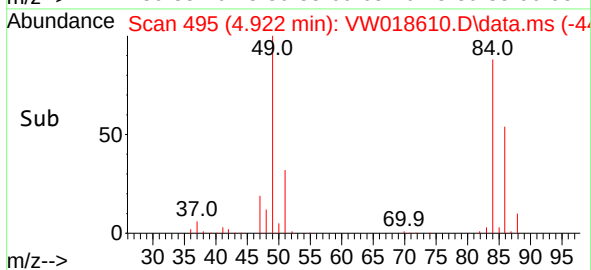
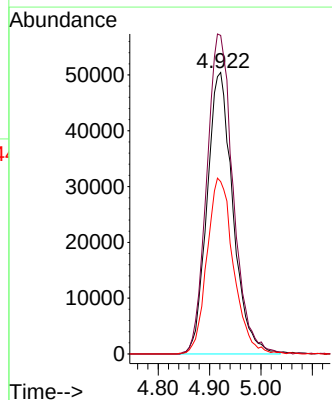
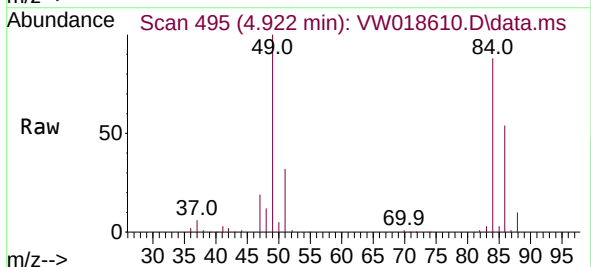
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

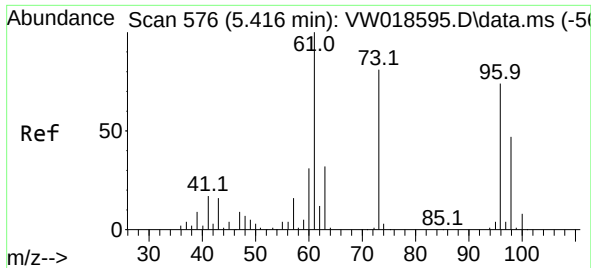
Tgt Ion: 43 Resp: 61211
Ion Ratio Lower Upper
43 100
74 27.5 22.9 34.3



#16
Methylene chloride
Concen: 23.07 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 84 Resp: 176388
Ion Ratio Lower Upper
84 100
49 113.2 74.4 138.2
86 61.2 46.1 85.7

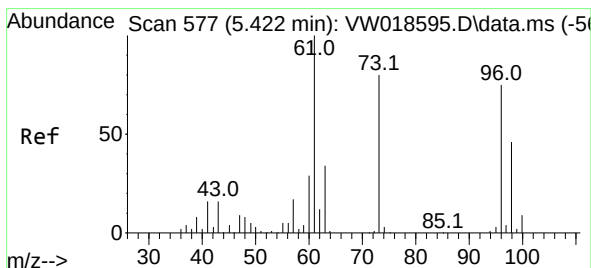
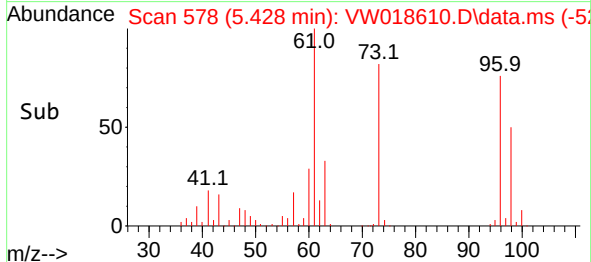
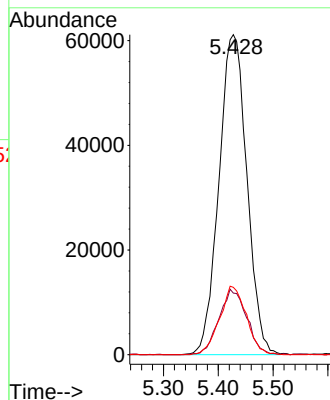
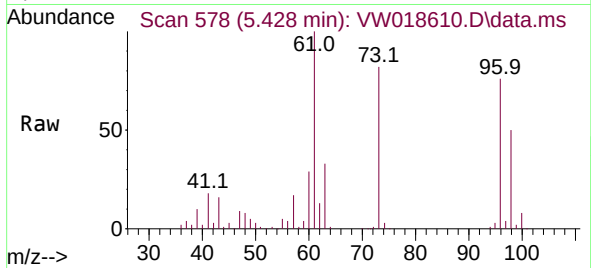




#17
Methyl tert-butyl Ether
Concen: 25.35 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.012 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

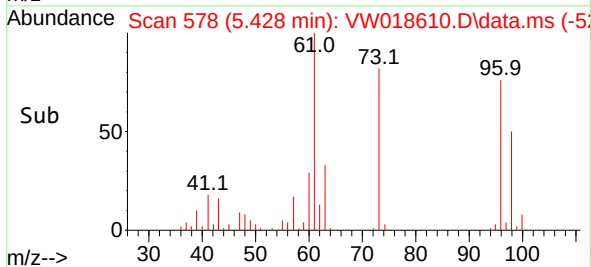
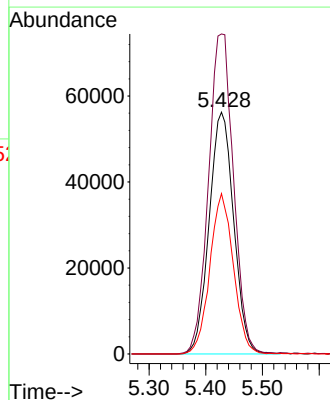
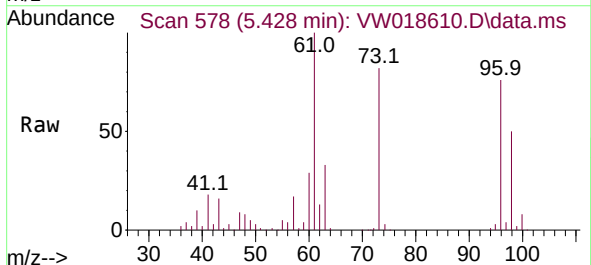
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

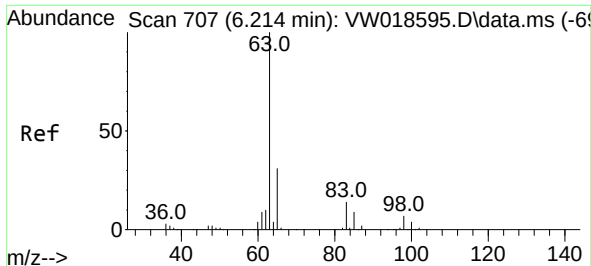
Tgt Ion: 73	Resp: 216687
Ion Ratio	Lower Upper
73 100	
43 20.2	16.6 24.8
57 20.4	15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.22 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 96	Resp: 169351
Ion Ratio	Lower Upper
96 100	
61 132.4	93.3 173.3
98 66.3	45.2 84.0





#19

1,1-Dichloroethane

Concen: 26.43 ug/L

RT: 6.220 min Scan# 708

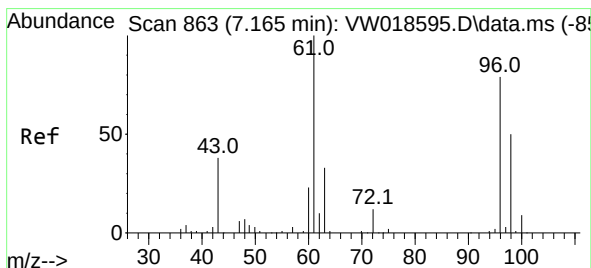
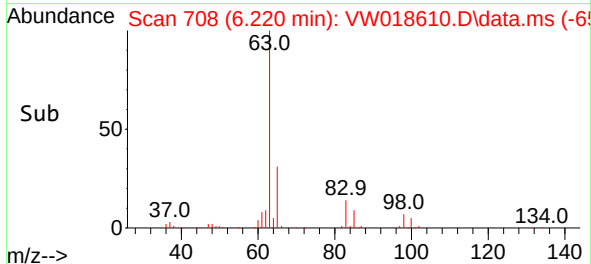
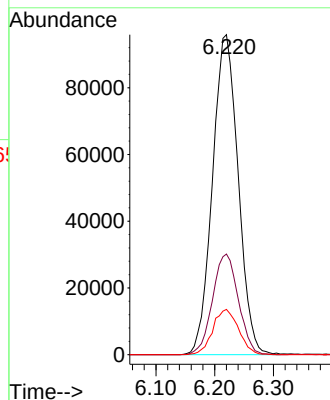
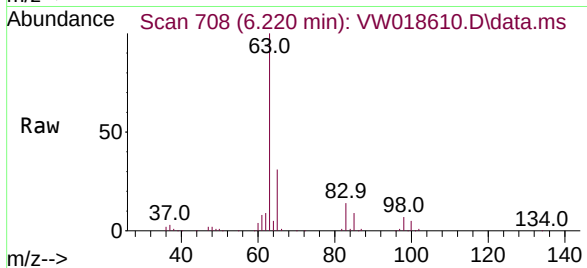
Delta R.T. 0.006 min

Lab File: VW018610.D

Acq: 08 Apr 2021 18:42

Tgt Ion: 63 Resp: 291287

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.5	43.7
83	14.1	10.3	19.1



#21

2-Butanone

Concen: 50.43 ug/L

RT: 7.177 min Scan# 865

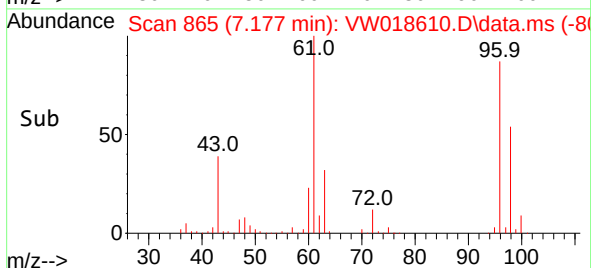
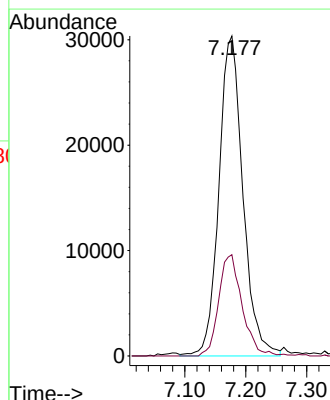
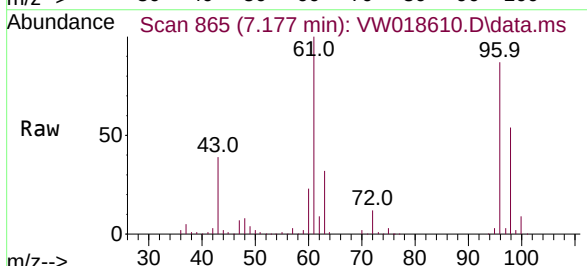
Delta R.T. 0.012 min

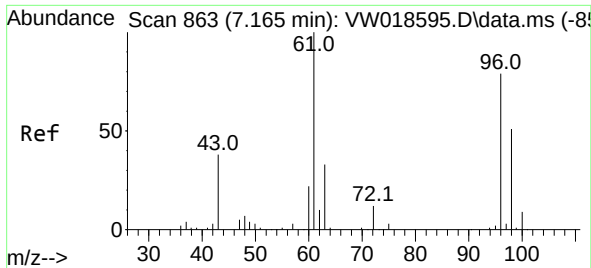
Lab File: VW018610.D

Acq: 08 Apr 2021 18:42

Tgt Ion: 43 Resp: 83122

Ion	Ratio	Lower	Upper
43	100		
72	30.3	16.5	49.5

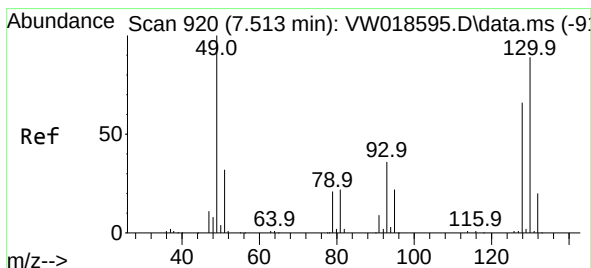
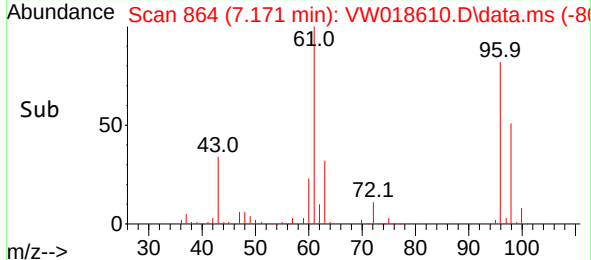
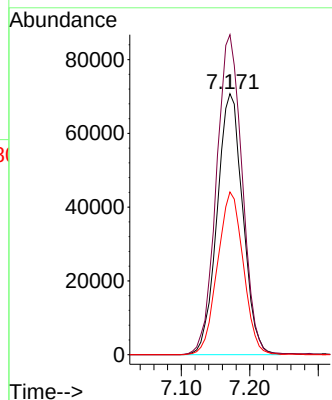
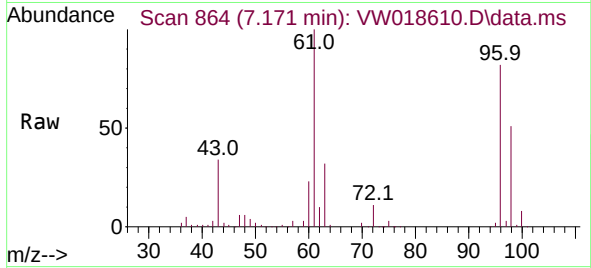




#22
 cis-1,2-Dichloroethene
 Concen: 27.11 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

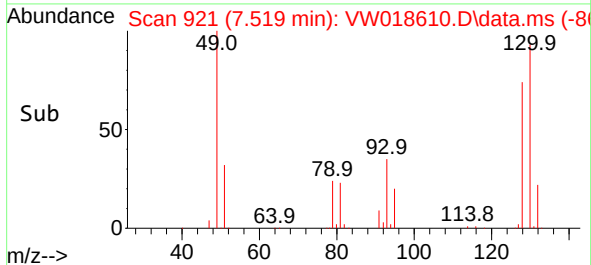
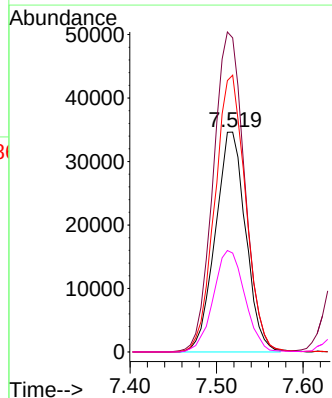
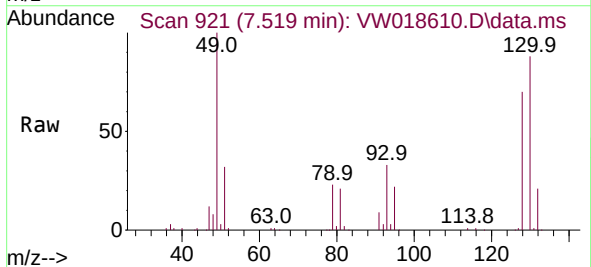
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

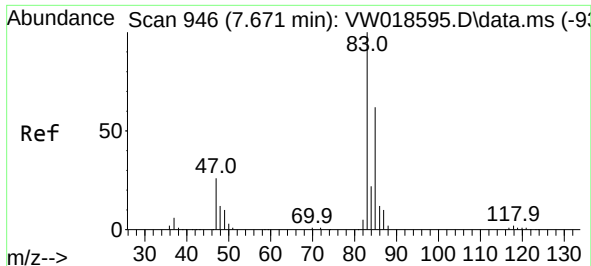
Tgt Ion: 96 Resp: 184183
 Ion Ratio Lower Upper
 96 100
 61 122.6 84.8 157.6
 98 62.3 45.1 83.9



#23
 Bromochloromethane
 Concen: 28.02 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW018610.D
 Acq: 08 Apr 2021 18:42

Tgt Ion: 128 Resp: 84259
 Ion Ratio Lower Upper
 128 100
 49 142.9 92.4 171.6
 130 125.9 83.9 155.7
 51 45.0 33.4 50.0

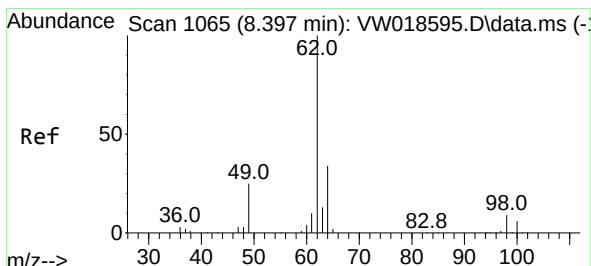
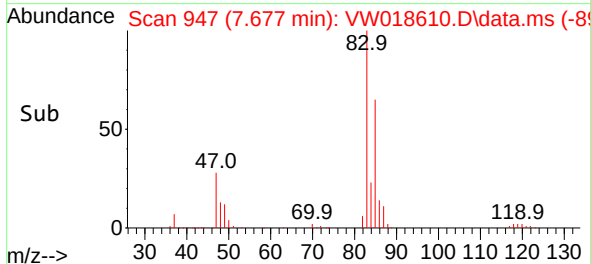
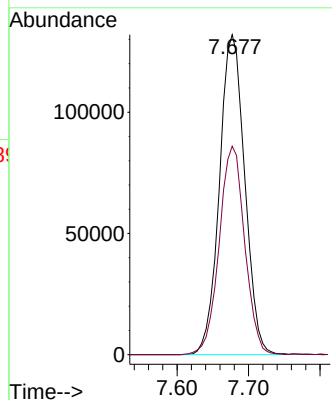
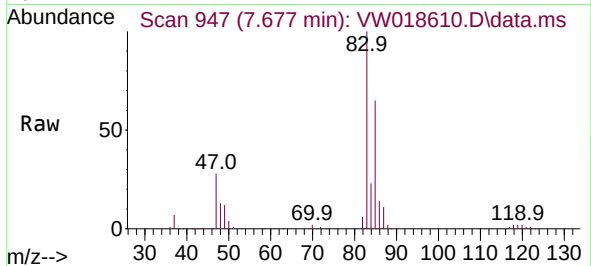




#25
Chloroform
Concen: 27.69 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

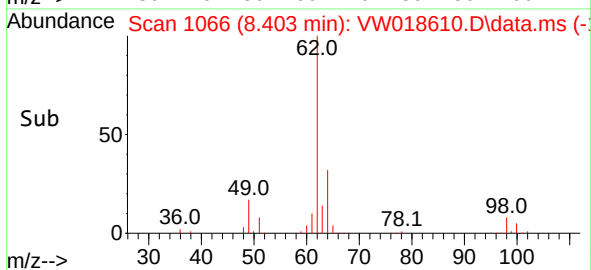
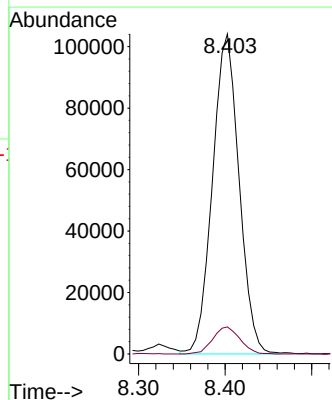
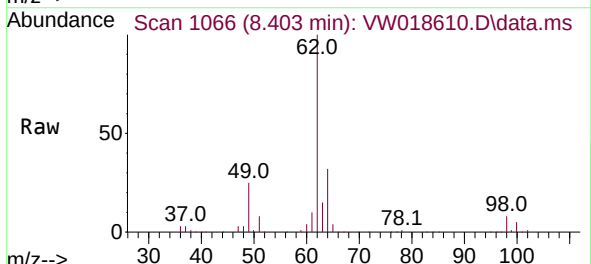
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

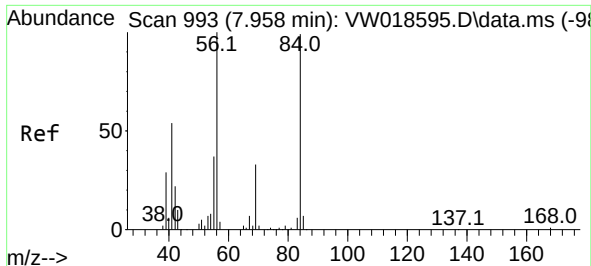
Tgt Ion: 83 Resp: 323883
Ion Ratio Lower Upper
83 100
85 65.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.73 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 62 Resp: 221875
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6

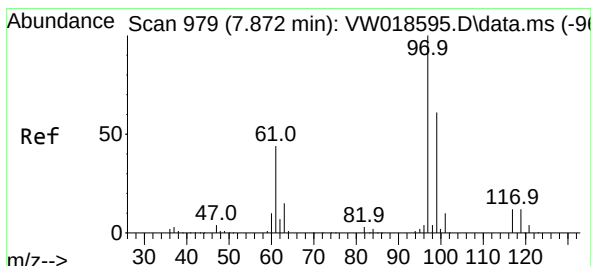
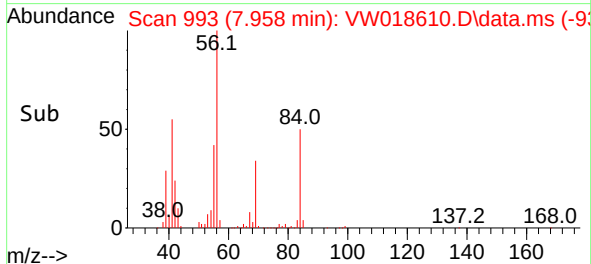
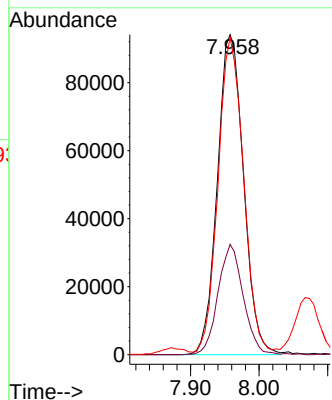
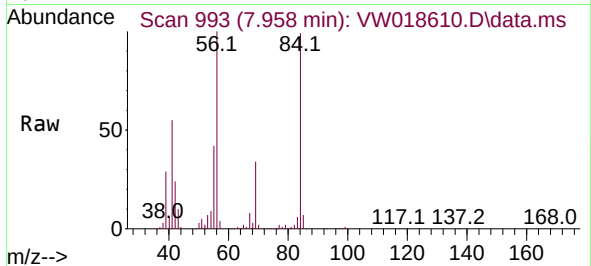




#30
Cyclohexane
Concen: 24.08 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

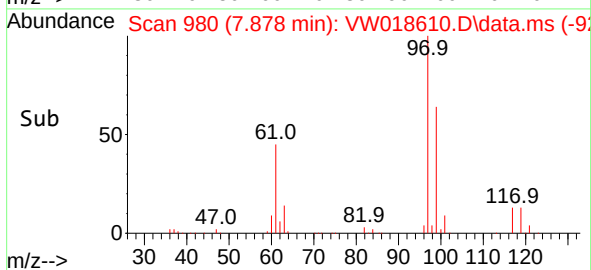
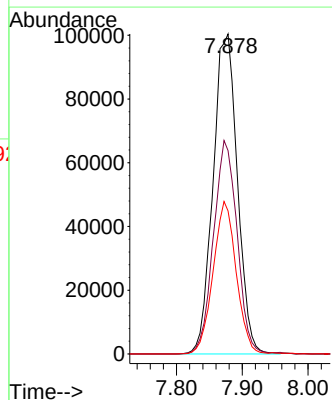
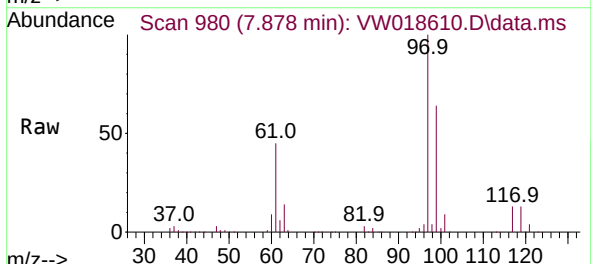
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

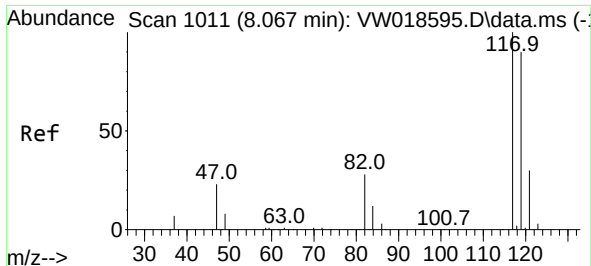
Tgt Ion: 56 Resp: 249872
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 96.6 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 26.52 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 97 Resp: 259055
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 45.2 34.8 52.2

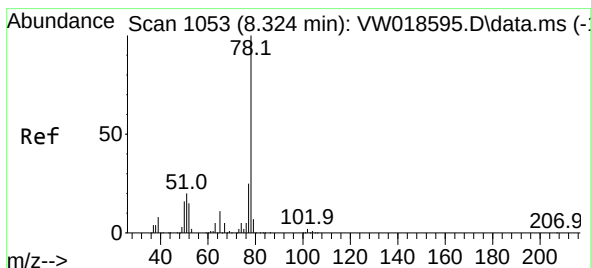
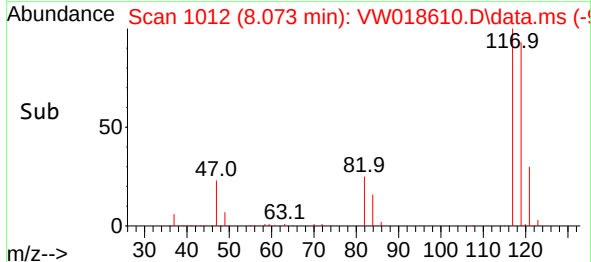
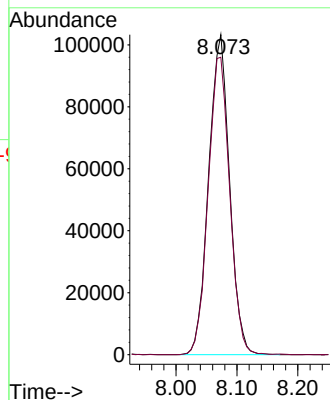
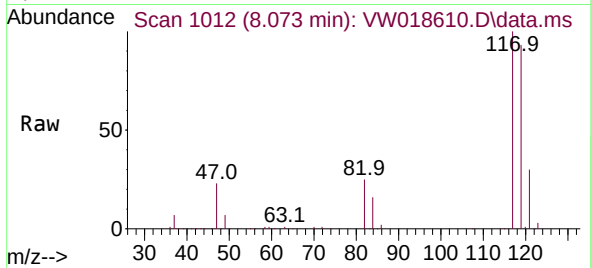




#32
Carbon tetrachloride
Concen: 27.07 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

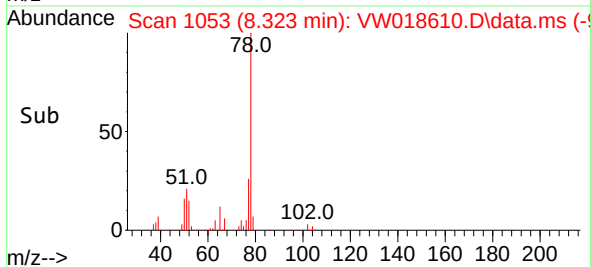
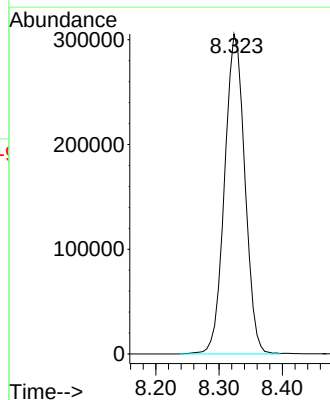
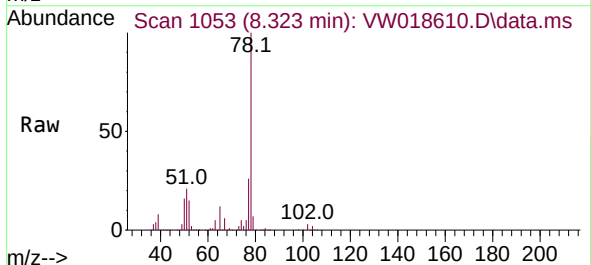
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

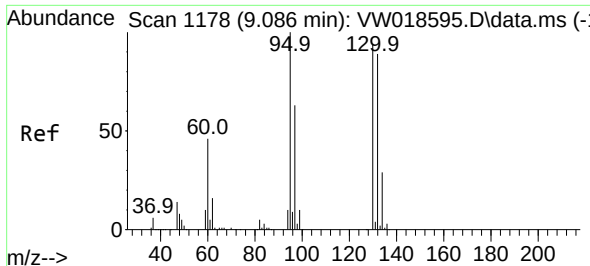
Tgt Ion:117 Resp: 246436
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#34
Benzene
Concen: 26.88 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 78 Resp: 680247

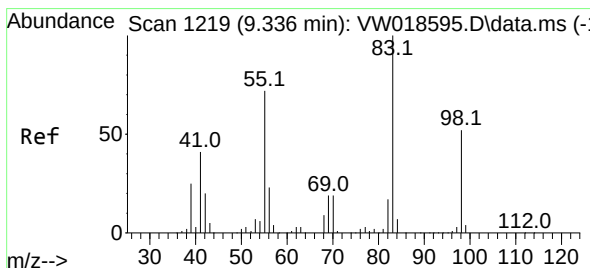
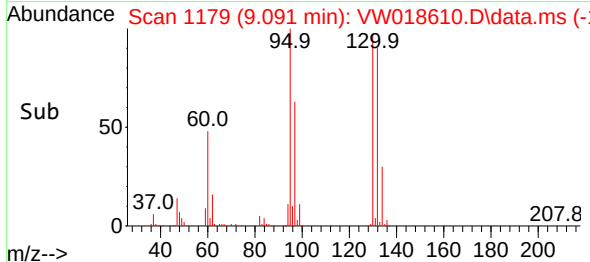
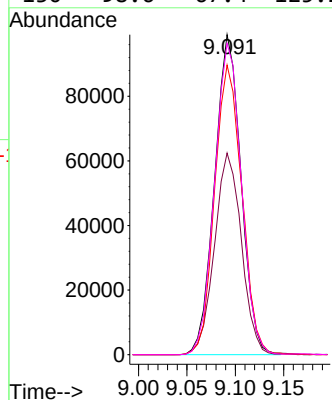
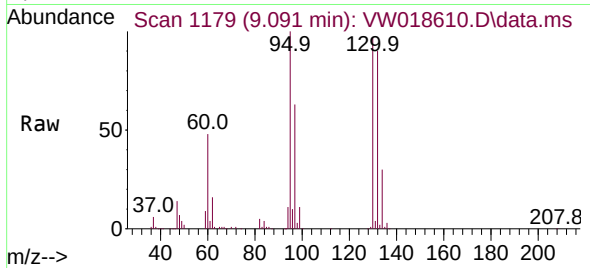




#35
Trichloroethene
Concen: 26.91 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

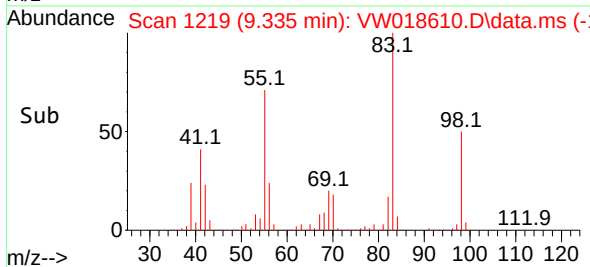
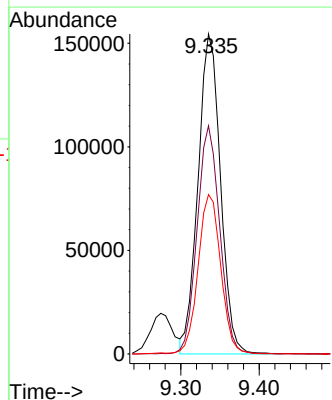
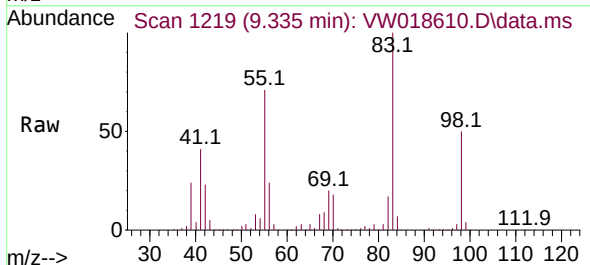
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

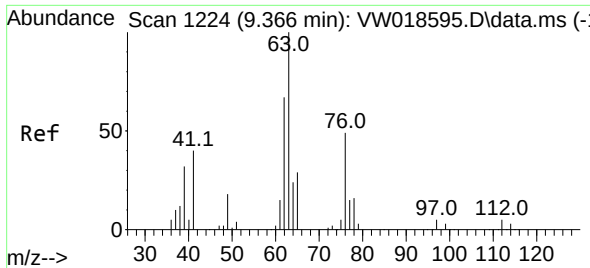
Tgt Ion: 95 Resp: 188140
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 93.2 65.9 122.5
130 98.6 67.4 125.2



#36
Methylcyclohexane
Concen: 25.18 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 83 Resp: 308270
Ion Ratio Lower Upper
83 100
55 71.6 56.8 85.2
98 50.3 40.6 61.0

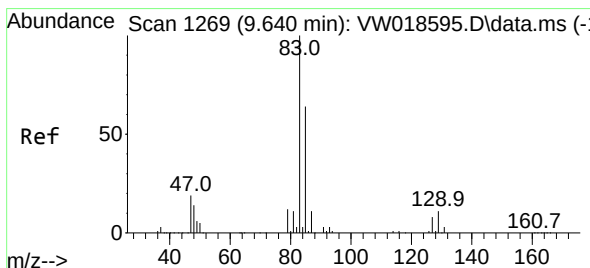
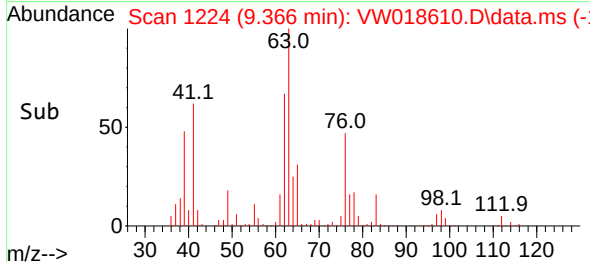
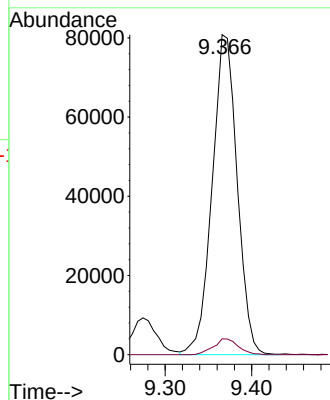
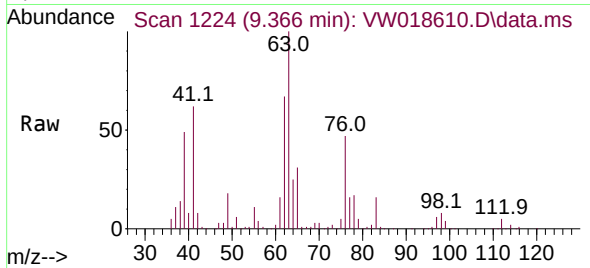




#40
1,2-Dichloropropane
Concen: 26.22 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

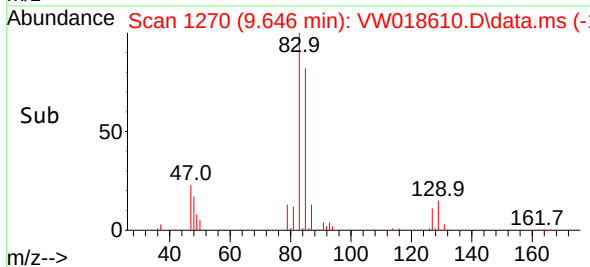
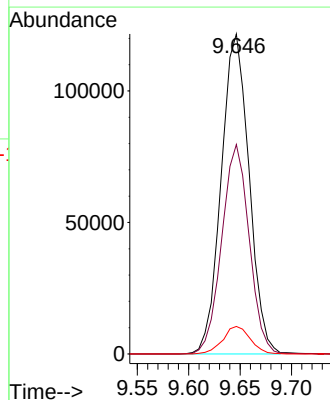
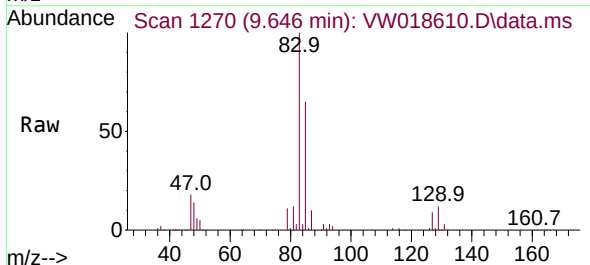
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

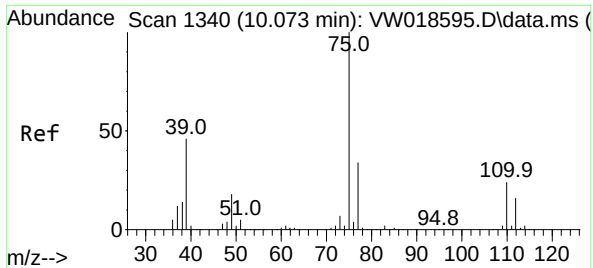
Tgt Ion: 63 Resp: 162328
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.4



#41
Bromodichloromethane
Concen: 26.21 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 83 Resp: 229404
Ion Ratio Lower Upper
83 100
85 65.4 43.8 81.4
127 8.6 6.9 10.3

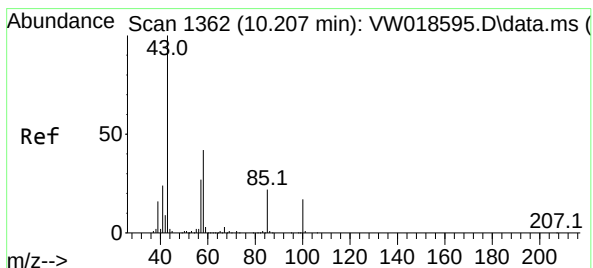
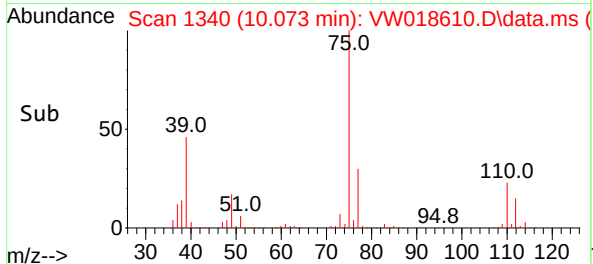
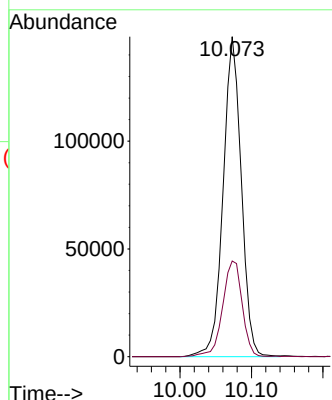
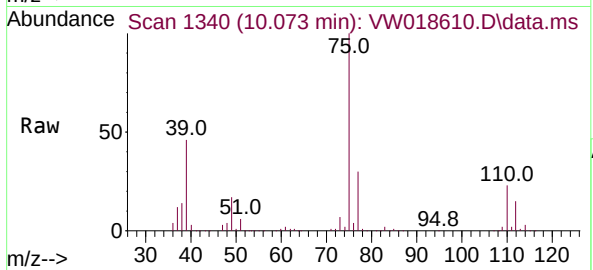




#42
cis-1,3-Dichloropropene
Concen: 25.05 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

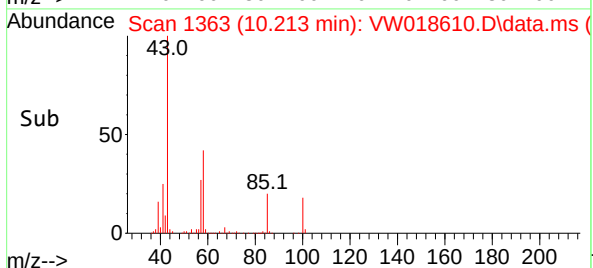
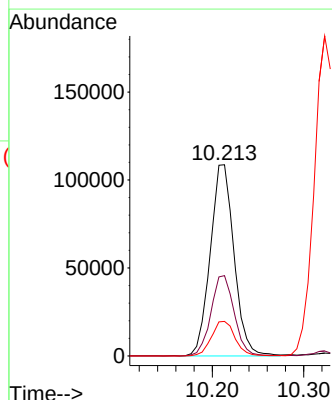
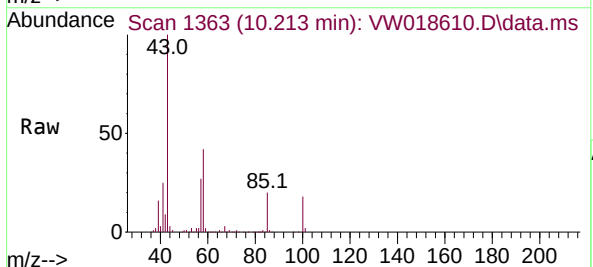
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

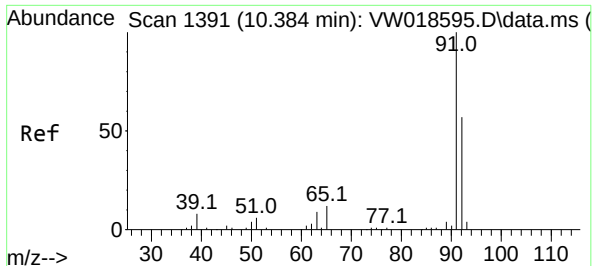
Tgt Ion: 75 Resp: 262272
Ion Ratio Lower Upper
75 100
77 29.9 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 52.87 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 43 Resp: 196847
Ion Ratio Lower Upper
43 100
58 41.3 34.8 52.2
100 18.0 15.9 23.9

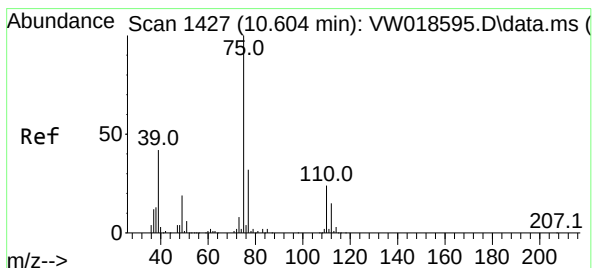
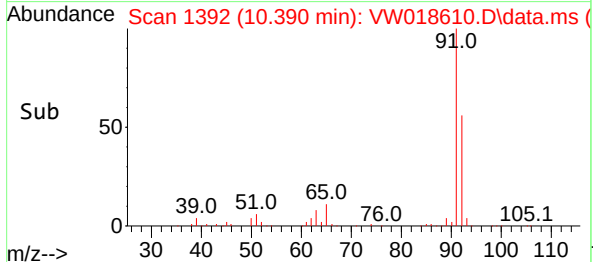
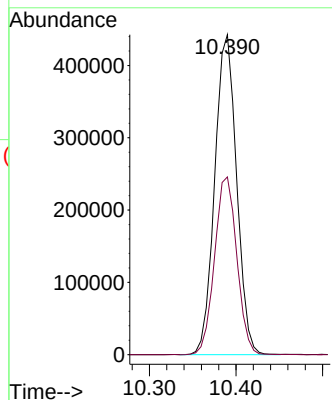
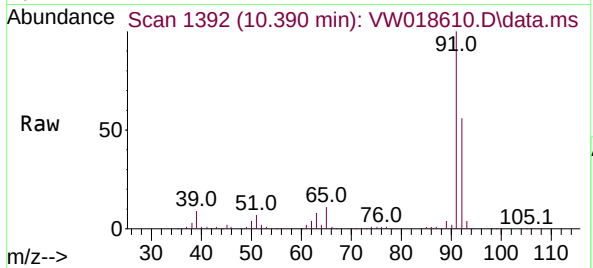




#44
Toluene
Concen: 26.98 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

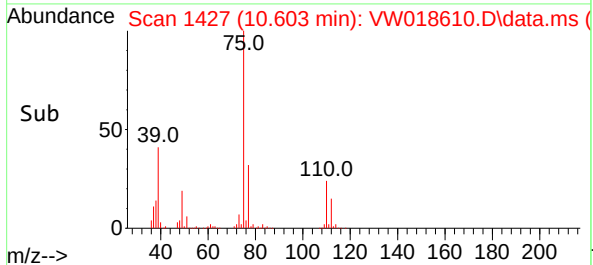
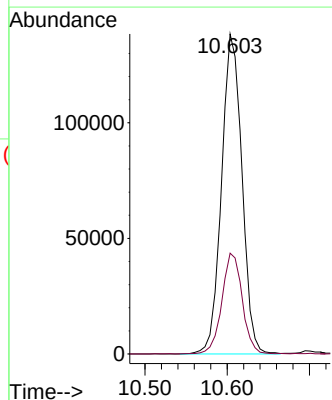
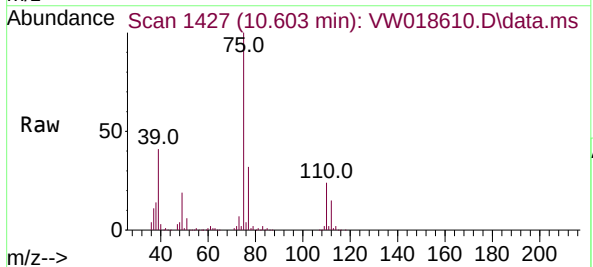
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

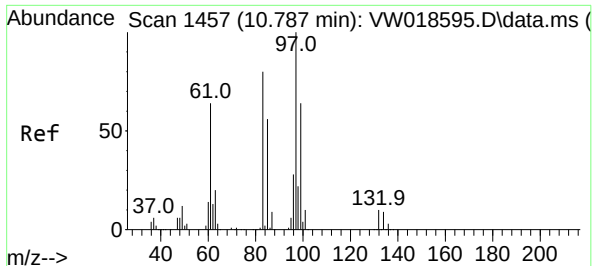
Tgt Ion: 91 Resp: 776234
Ion Ratio Lower Upper
91 100
92 55.6 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.43 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 75 Resp: 239065
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0

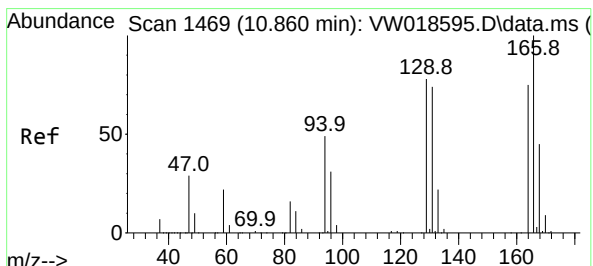
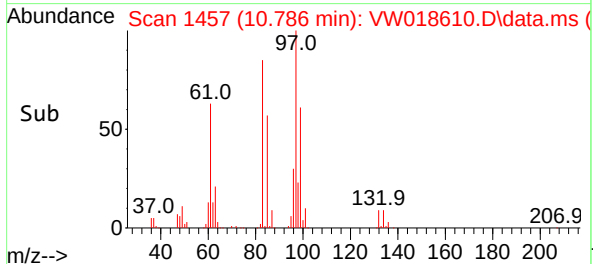
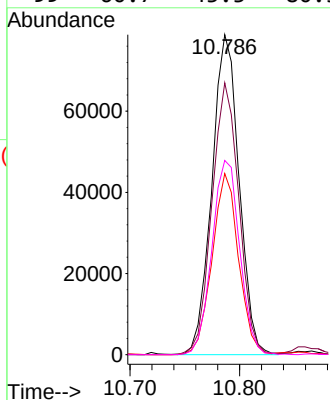
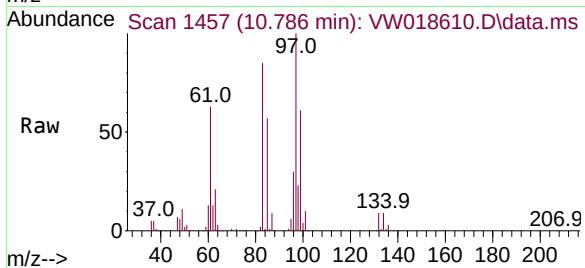




#46
1,1,2-Trichloroethane
Concen: 27.54 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

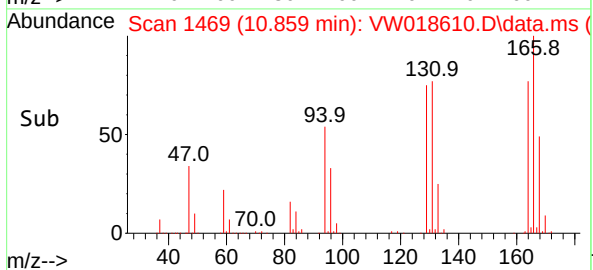
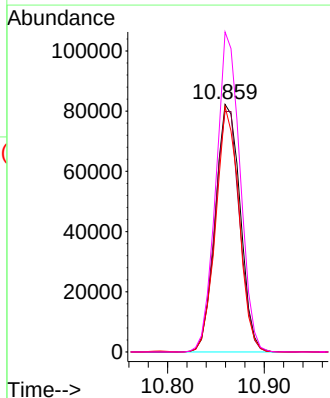
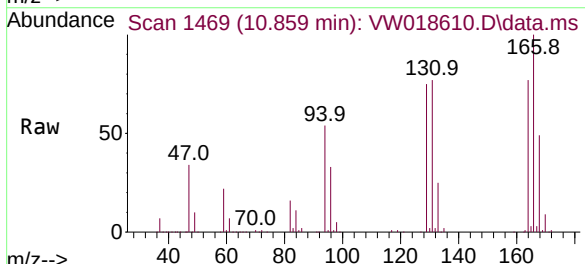
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

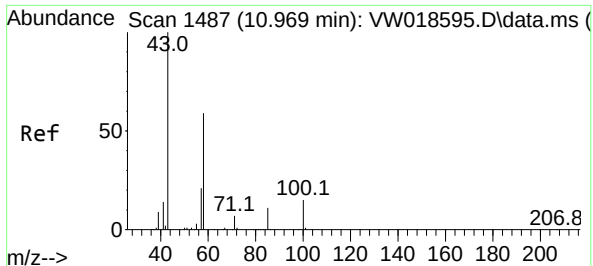
Tgt Ion:	97	Resp:	135965
Ion	Ratio	Lower	Upper
97	100		
83	85.0	58.9	109.5
85	56.6	38.4	71.4
99	60.7	43.3	80.3



#47
Tetrachloroethene
Concen: 27.60 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:	164	Resp:	146541
Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.8	127.8
131	99.2	68.3	126.8
166	129.2	95.4	177.2

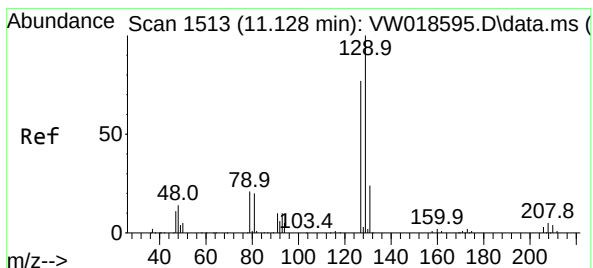
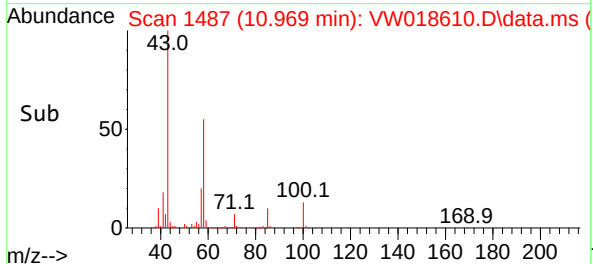
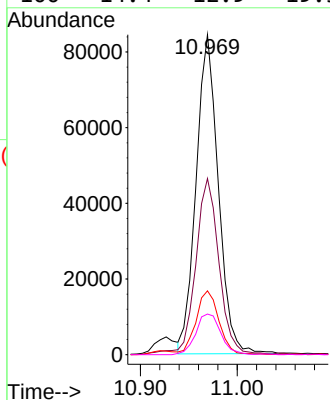
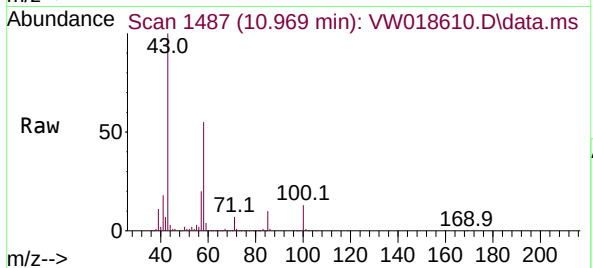




#49
2-Hexanone
Concen: 51.20 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

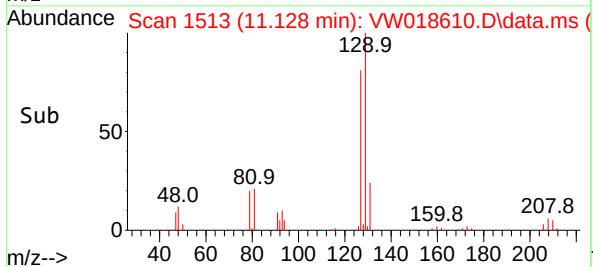
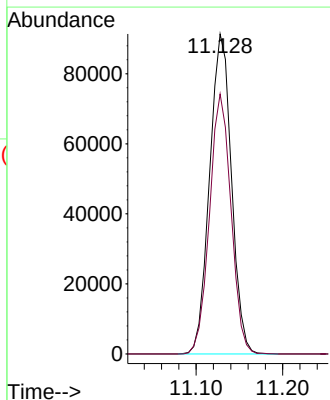
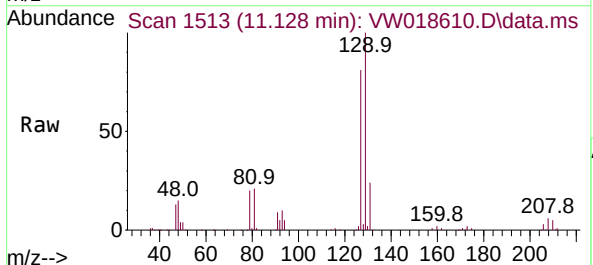
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

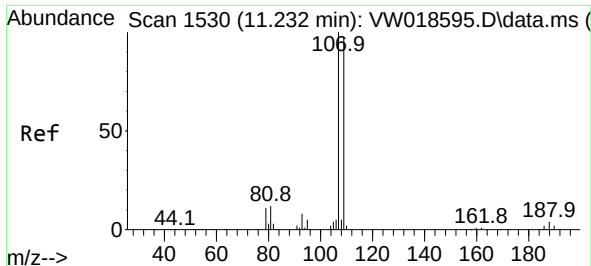
Tgt Ion:	43	Resp:	134893
Ion	Ratio	Lower	Upper
43	100		
58	56.1	47.3	70.9
57	19.7	17.3	25.9
100	14.4	12.9	19.3



#50
Dibromochloromethane
Concen: 27.49 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:	129	Resp:	160020
Ion	Ratio	Lower	Upper
129	100		
127	81.2	58.0	107.6

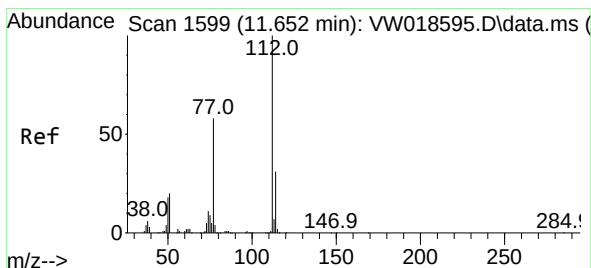
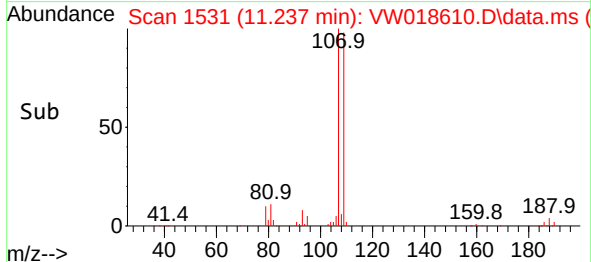
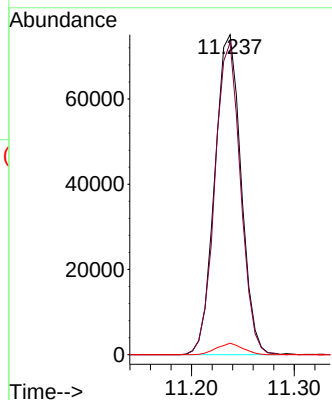
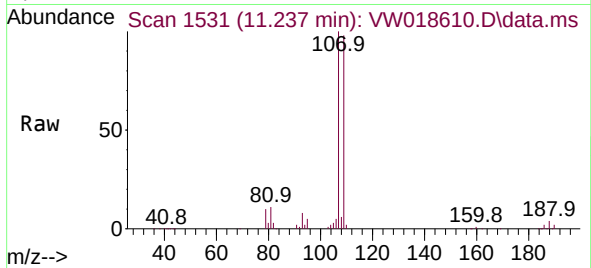




#51
1,2-Dibromoethane
Concen: 27.27 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

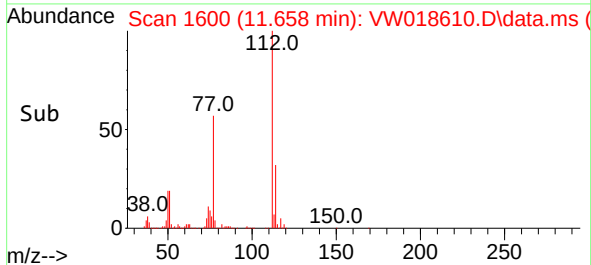
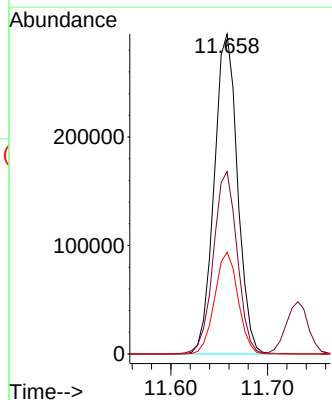
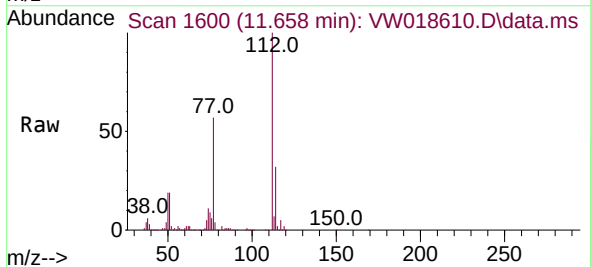
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

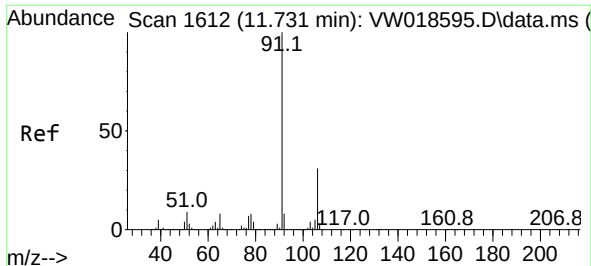
Tgt Ion:107 Resp: 133320
Ion Ratio Lower Upper
107 100
109 97.6 65.9 122.5
188 3.6 3.0 4.4



#52
Chlorobenzene
Concen: 27.08 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:112 Resp: 494066
Ion Ratio Lower Upper
112 100
77 57.0 45.4 68.2
114 31.8 22.5 41.9

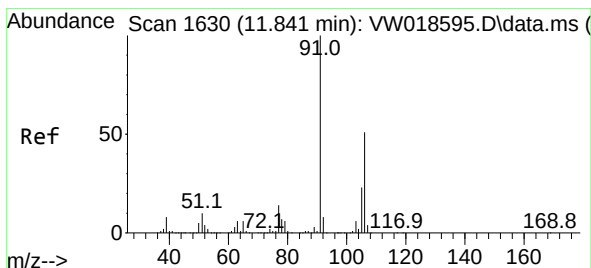
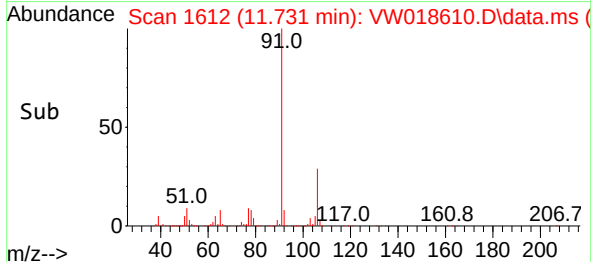
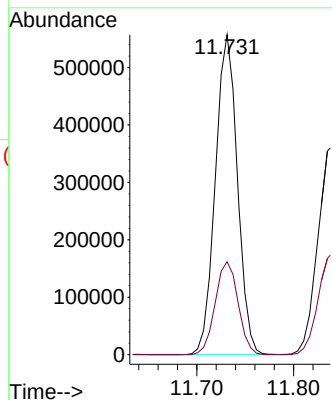
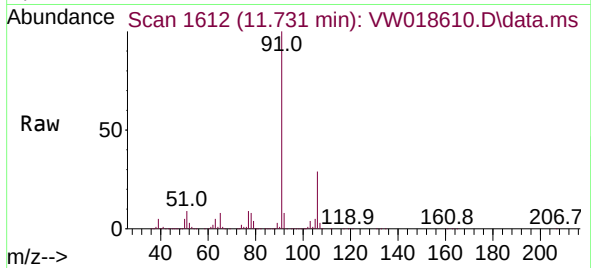




#53
Ethylbenzene
Concen: 27.22 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

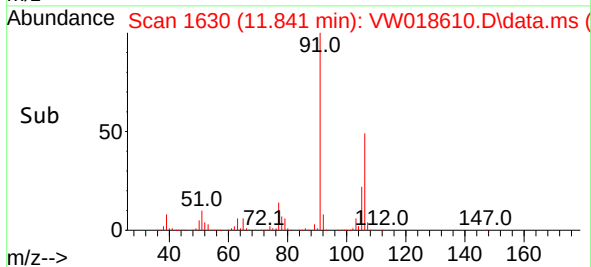
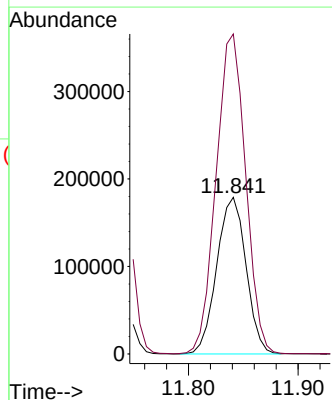
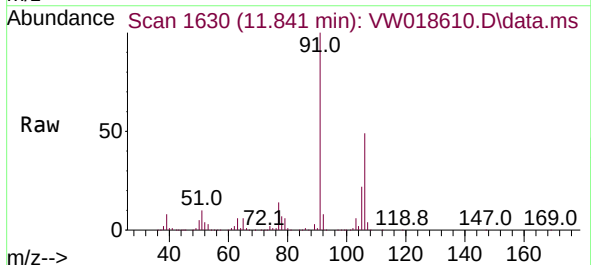
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

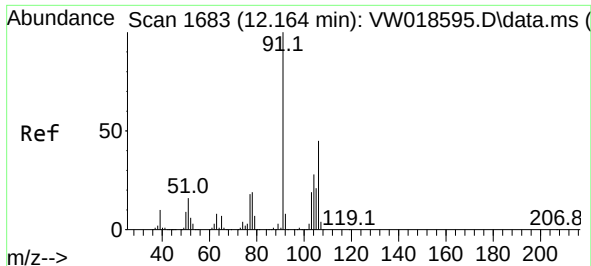
Tgt Ion: 91 Resp: 883126
Ion Ratio Lower Upper
91 100
106 29.1 21.7 40.3



#54
m,p-Xylene
Concen: 26.77 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:106 Resp: 331895
Ion Ratio Lower Upper
106 100
91 204.3 145.3 269.8

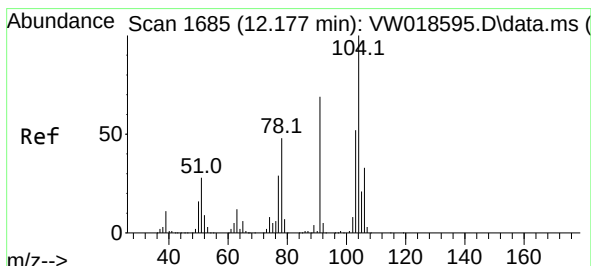
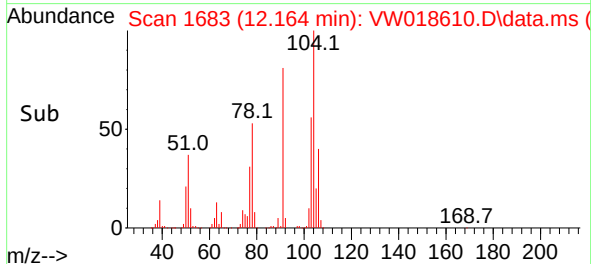
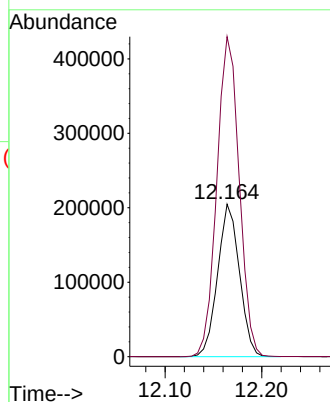
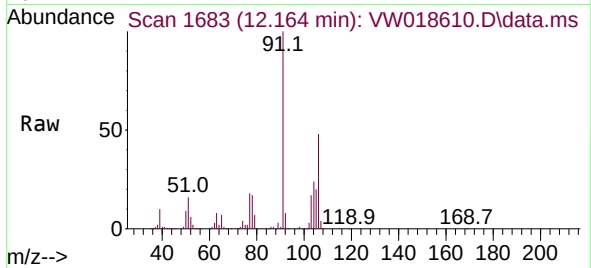




#55
o-xylene
Concen: 27.12 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

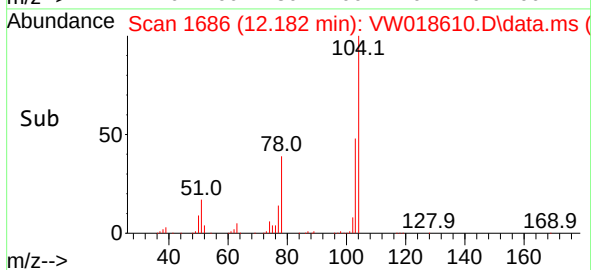
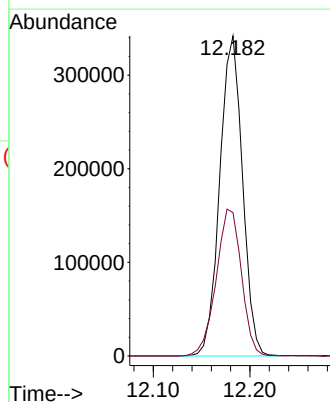
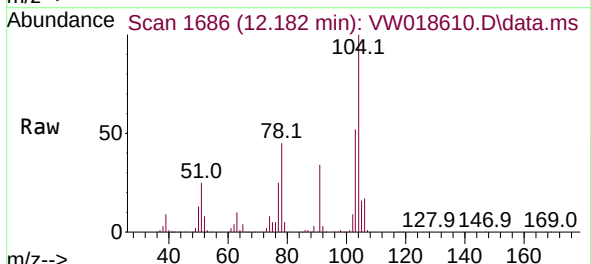
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

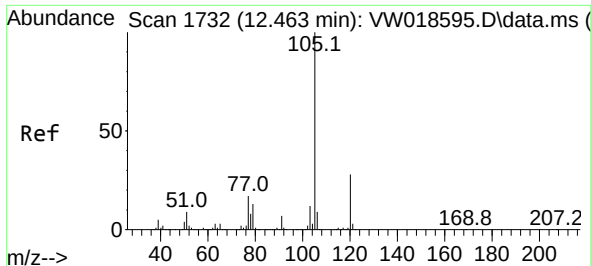
Tgt Ion:106 Resp: 320545
Ion Ratio Lower Upper
106 100
91 209.9 154.3 286.5



#56
Styrene
Concen: 27.67 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:104 Resp: 557683
Ion Ratio Lower Upper
104 100
78 44.8 34.7 64.5

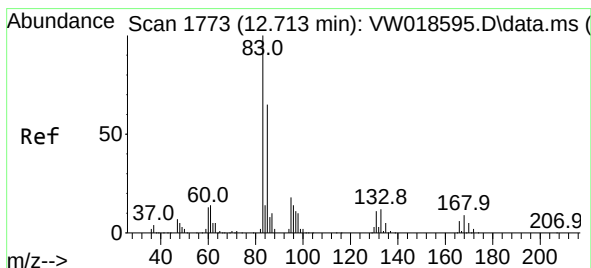
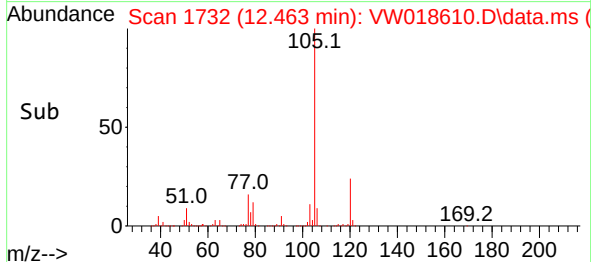
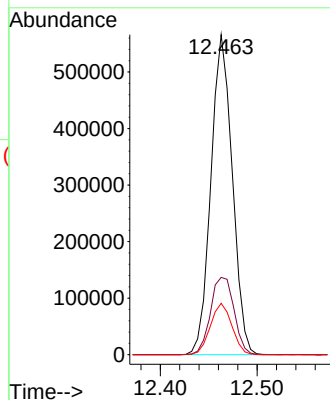
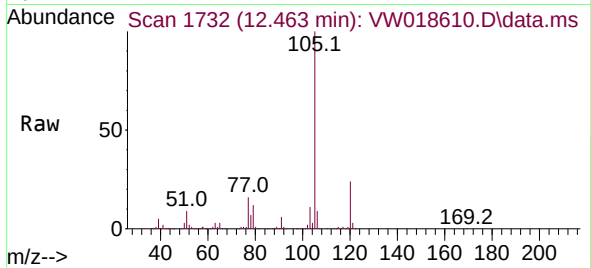




#57
Isopropylbenzene
Concen: 26.99 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

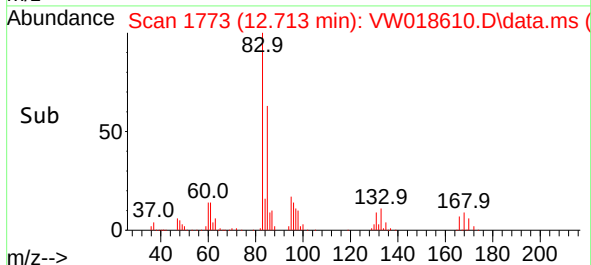
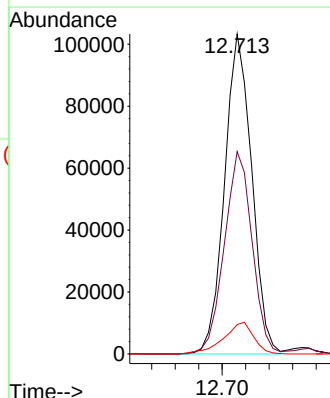
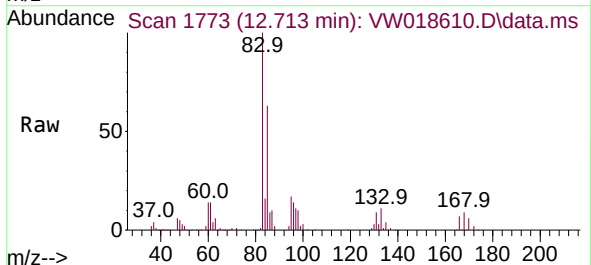
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

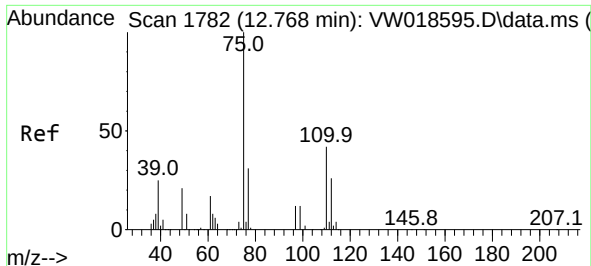
Tgt Ion:	105	Resp:	867440
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.9	31.3
77	16.2	13.2	19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.74 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:	83	Resp:	165758
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.0	91.0
131	9.2	8.7	13.1

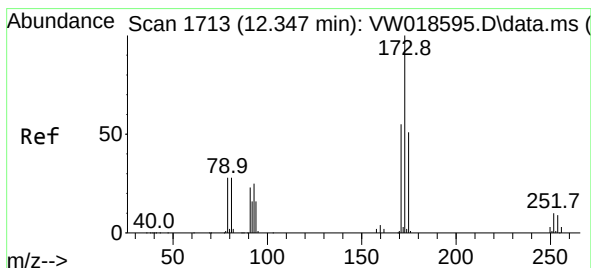
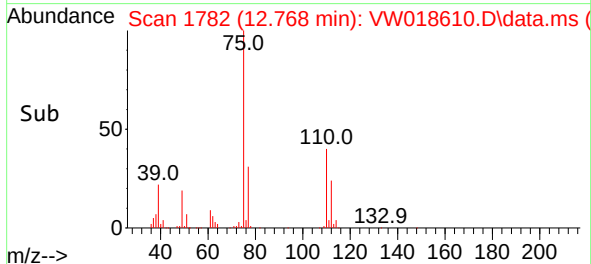
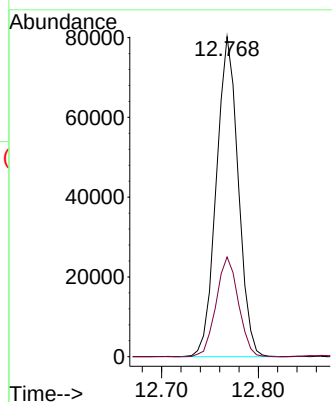
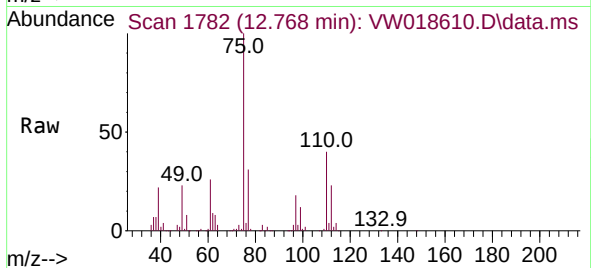




#59
1,2,3-Trichloropropane
Concen: 27.93 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

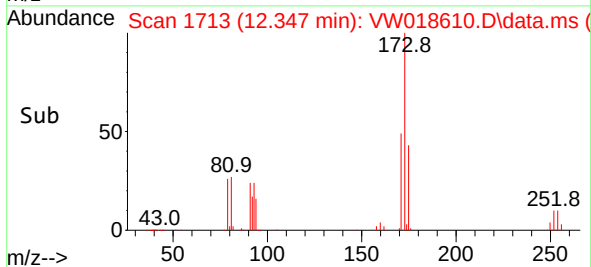
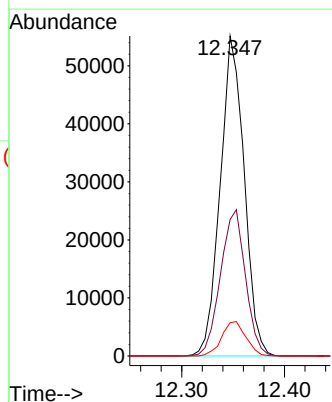
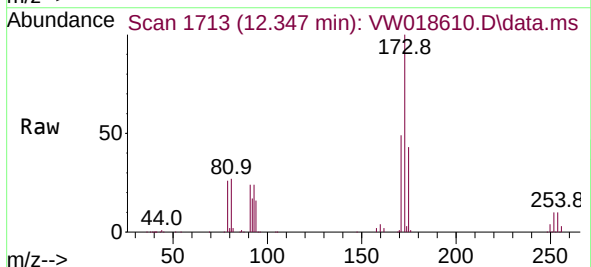
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

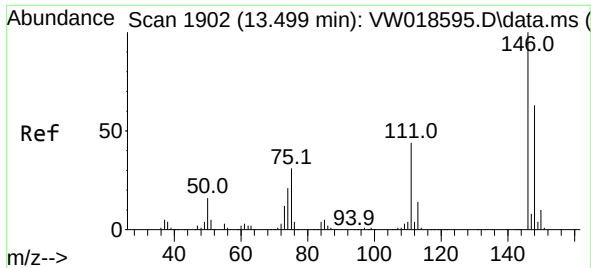
Tgt Ion: 75 Resp: 125985
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



#62
Bromoform
Concen: 24.77 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:173 Resp: 89200
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 10.9 6.0 9.0#

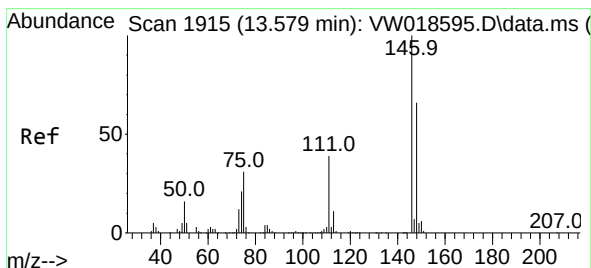
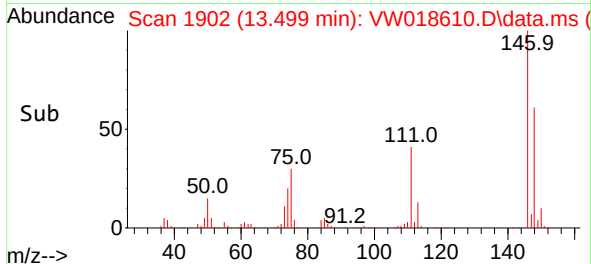
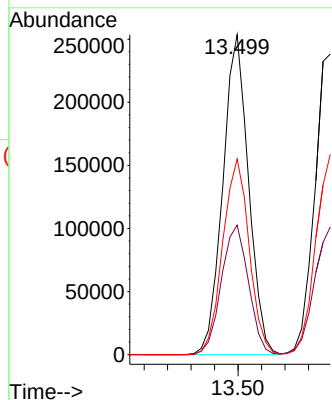
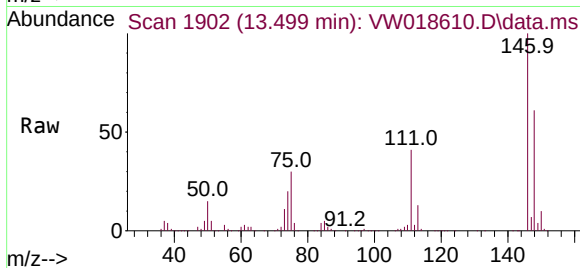




#63
1,3-Dichlorobenzene
Concen: 25.64 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

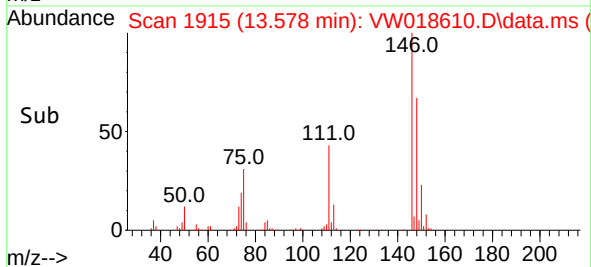
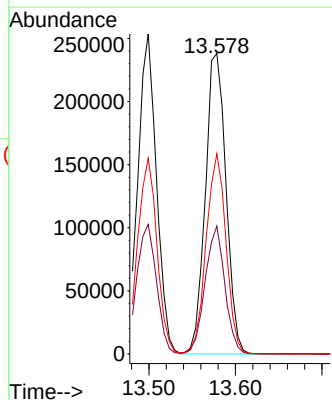
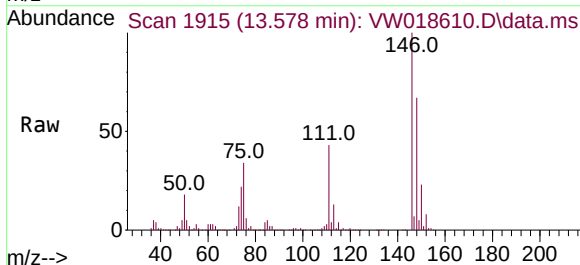
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

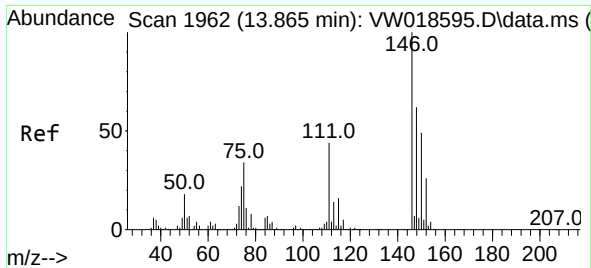
Tgt Ion:146 Resp: 385494
Ion Ratio Lower Upper
146 100
111 40.5 27.5 51.1
148 61.1 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.01 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:146 Resp: 394556
Ion Ratio Lower Upper
146 100
111 42.5 28.3 52.5
148 66.6 47.3 87.9

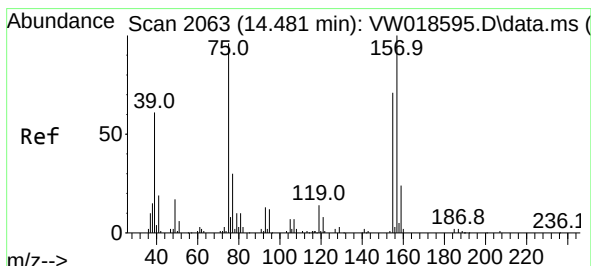
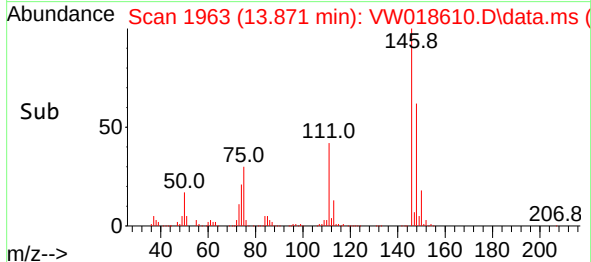
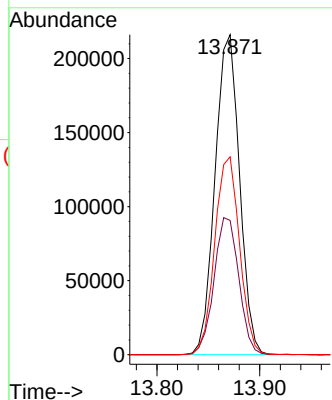
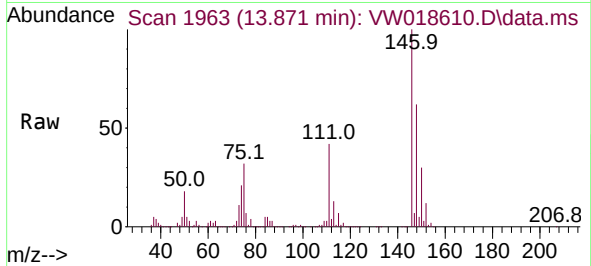




#65
1,2-Dichlorobenzene
Concen: 26.61 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

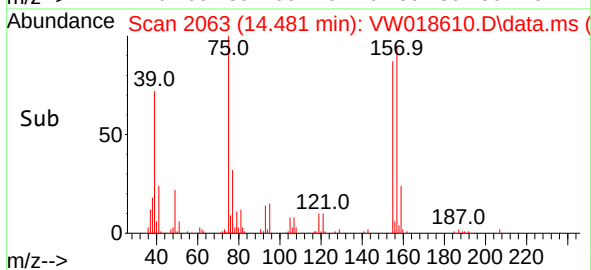
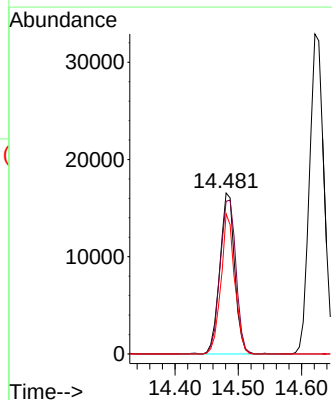
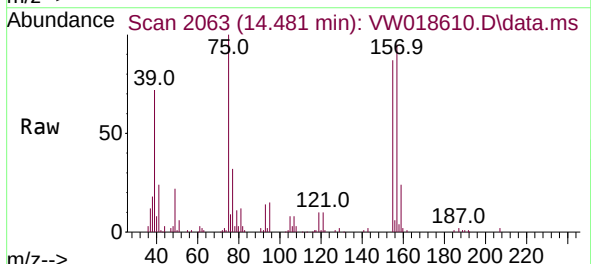
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

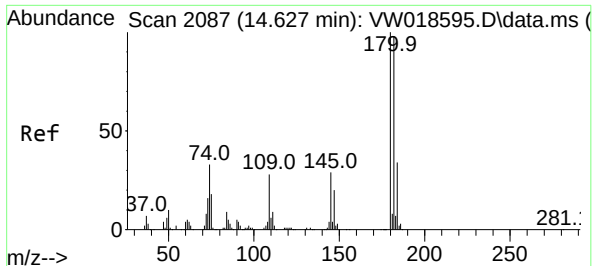
Tgt Ion:146 Resp: 357512
Ion Ratio Lower Upper
146 100
111 42.0 36.0 54.0
148 61.9 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.05 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion: 75 Resp: 26780
Ion Ratio Lower Upper
75 100
157 94.8 65.2 97.8
155 87.0 60.1 90.1

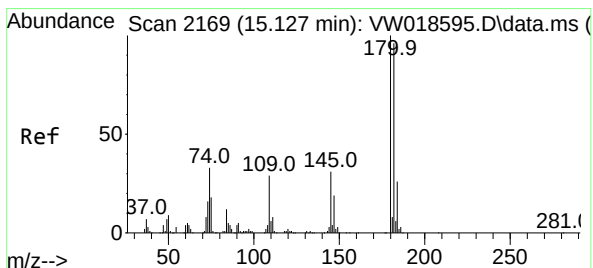
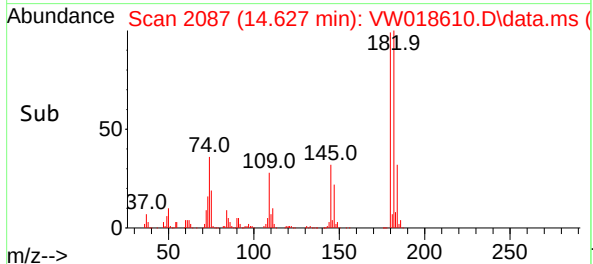
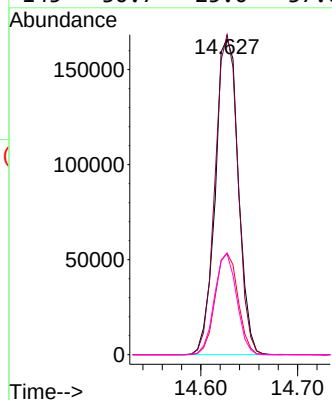
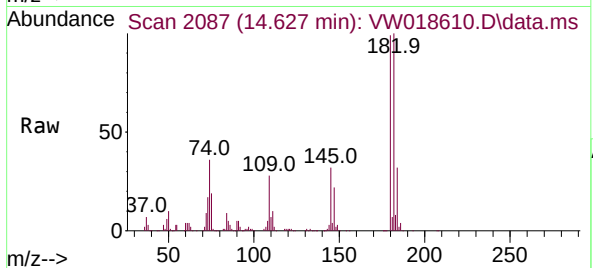




#67
1,3,5-Trichlorobenzene
Concen: 25.41 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

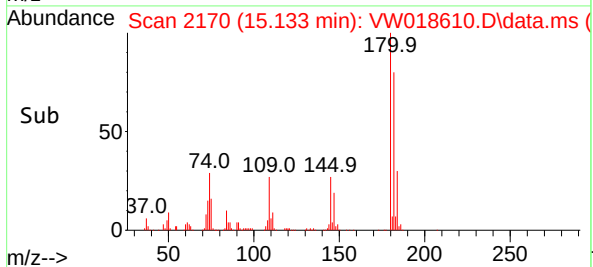
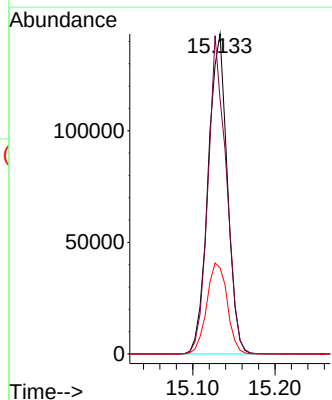
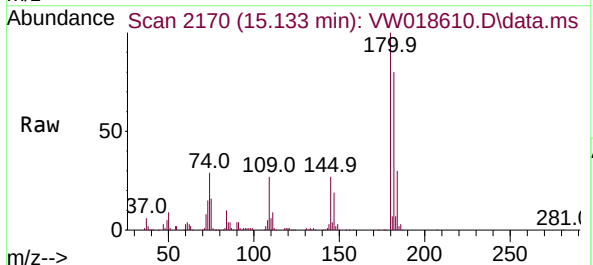
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

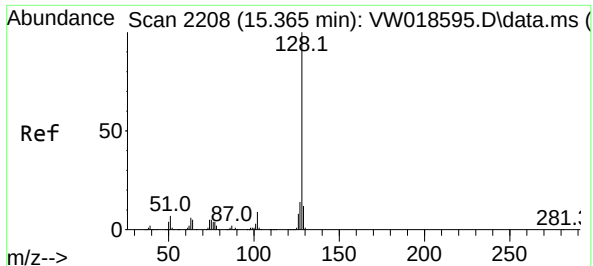
Tgt Ion:	180	Resp:	275463
Ion Ratio	Lower	Upper	
180	100		
182	99.5	71.8	107.8
184	31.8	23.5	35.3
145	30.7	25.0	37.6



#68
1,2,4-trichlorobenzene
Concen: 25.17 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:	180	Resp:	232217
Ion Ratio	Lower	Upper	
180	100		
182	94.6	70.2	105.4
145	30.3	24.9	37.3

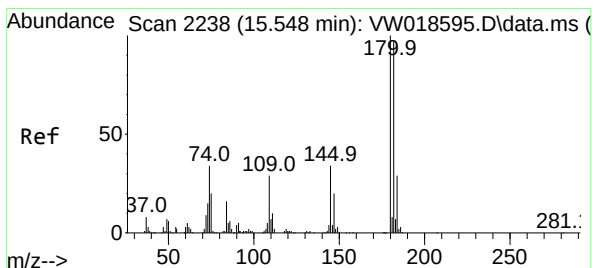
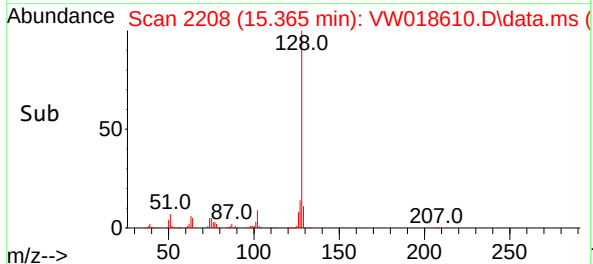
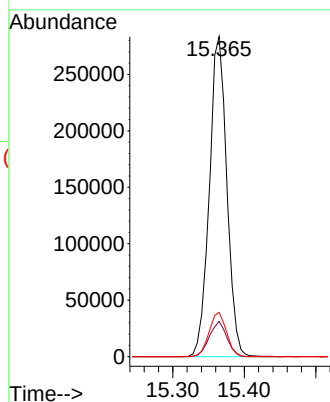
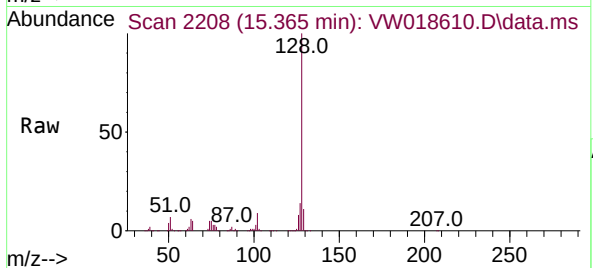




#69
Naphthalene
Concen: 25.08 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion:128 Resp: 481819
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.10 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018610.D
Acq: 08 Apr 2021 18:42

Tgt Ion:180 Resp: 210075
Ion Ratio Lower Upper
180 100
182 93.0 76.5 114.7
145 33.5 27.7 41.5

