

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060921\
 Data File : VW019163.D
 Acq On : 09 Jun 2021 12:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025130

Quant Time: Jun 10 01:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 09 01:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	505942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	461240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151696	22.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
7) Chloroethane-d5	2.898	69	131111	23.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	4.032	63	319084	24.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%
21) 2-Butanone-d5	7.086	46	85383	48.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.440%
24) Chloroform-d	7.653	84	341513	25.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.311	65	180133	23.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.281	84	657091	25.005	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.274	67	198648	24.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.720%
41) Toluene-d8	10.323	98	591987	24.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.579	79	81509	23.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.480%
47) 2-Hexanone-d5	10.927	63	69028	51.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	164549	25.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	193093	23.544	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	178922	27.297	ug/L	98
3) Chloromethane	2.221	50	148517	24.507	ug/L	100
5) Vinyl chloride	2.373	62	246991	26.699	ug/L	95
6) Bromomethane	2.788	94	165364	24.040	ug/L	98
8) Chloroethane	2.934	64	147075	26.743	ug/L	96
9) Trichlorofluoromethane	3.263	101	125983	24.813	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	198066	27.274	ug/L	96
12) 1,1-Dichloroethene	4.050	96	191520	26.696	ug/L	98
13) Acetone	4.129	43	57657	37.129	ug/L	86
14) Carbon disulfide	4.397	76	594887	26.234	ug/L	100
15) Methyl Acetate	4.678	43	75646	24.219	ug/L	95
16) Methylene chloride	4.928	84	206178	21.962	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	204042	26.398	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	259028	25.924	ug/L	97
19) 1,1-Dichloroethane	6.220	63	369828	26.956	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	215934	26.832	ug/L	97
22) 2-Butanone	7.177	43	102502	49.367	ug/L	98
23) Bromochloromethane	7.519	128	89504	25.281	ug/L	97
25) Chloroform	7.677	83	376559	26.911	ug/L	100

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 Response via : Initial Calibration

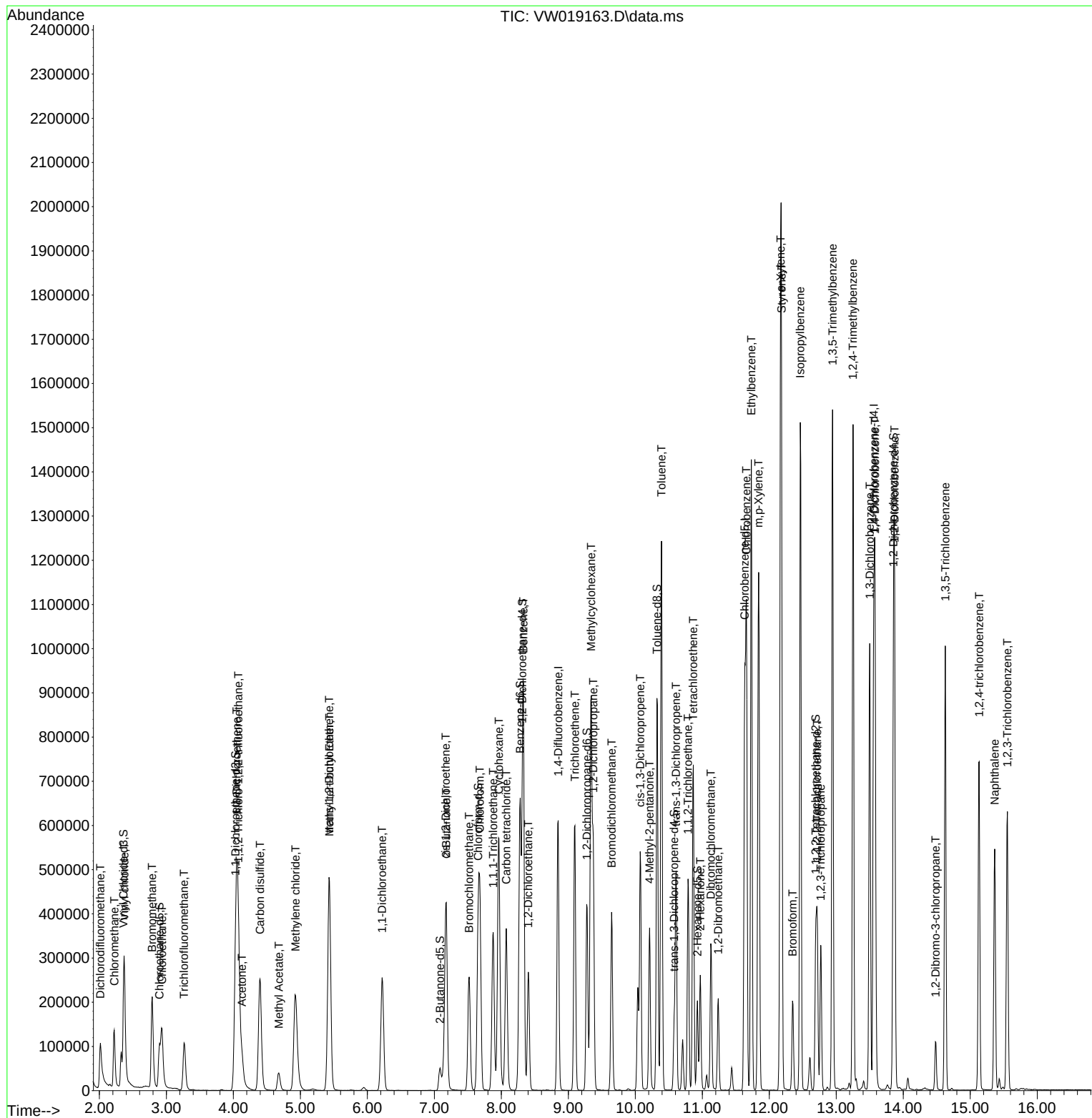
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	245017	25.858	ug/L	98
29) Cyclohexane	7.964	56	329042	27.416	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	290147	27.338	ug/L	100
31) Carbon tetrachloride	8.073	117	268337	27.383	ug/L	99
33) Benzene	8.329	78	832344	27.435	ug/L	100
34) Trichloroethene	9.098	95	213992	27.058	ug/L	95
35) Methylcyclohexane	9.342	83	375168	27.567	ug/L	98
37) 1,2-Dichloropropane	9.372	63	204754	27.475	ug/L	98
38) Bromodichloromethane	9.646	83	268252	27.751	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	315042	27.283	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	226525	51.039	ug/L	96
42) Toluene	10.390	91	903312	27.675	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	273396	26.823	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	148076	26.390	ug/L	96
46) Tetrachloroethene	10.866	164	157263	26.014	ug/L	97
48) 2-Hexanone	10.969	43	153114	51.319	ug/L	94
49) Dibromochloromethane	11.128	129	171881	27.638	ug/L	97
50) 1,2-Dibromoethane	11.238	107	137150	25.229	ug/L	95
51) Chlorobenzene	11.658	112	538259	26.716	ug/L	96
52) Ethylbenzene	11.731	91	994975	27.711	ug/L	96
53) m,p-Xylene	11.841	106	364171	27.503	ug/L	95
54) o-Xylene	12.170	106	347006	27.511	ug/L	93
55) Styrene	12.182	104	607454	28.004	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181784	26.288	ug/L	97
59) Bromoform	12.347	173	91992	25.413	ug/L	99
60) Isopropylbenzene	12.463	105	965693	27.452	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	131556	25.026	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	794823	27.510	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	798449	27.684	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	400440	26.082	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	392502	25.002	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	370156	26.788	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28143	24.457	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	284274	25.627	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	229851	25.247	ug/L	97
71) Naphthalene	15.365	128	452194	24.912	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	207688	25.748	ug/L	96

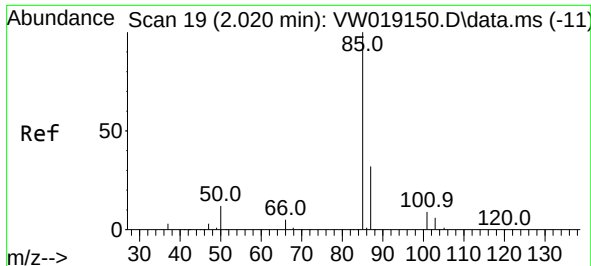
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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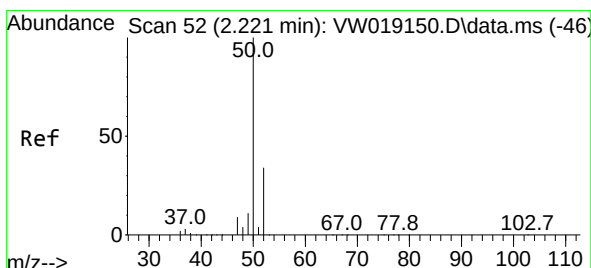
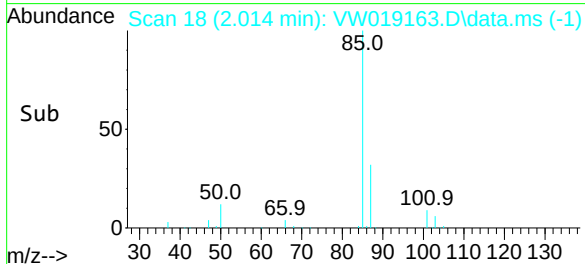
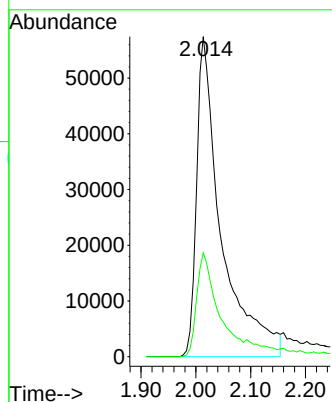
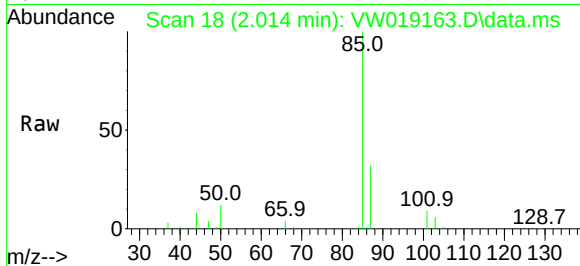




#2
Dichlorodifluoromethane
Concen: 27.297 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

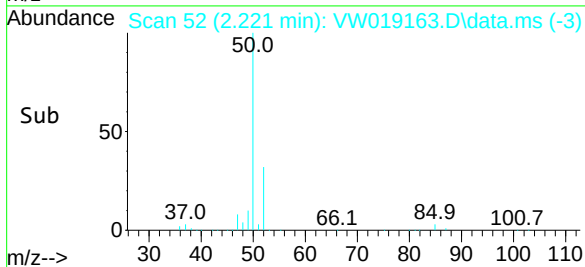
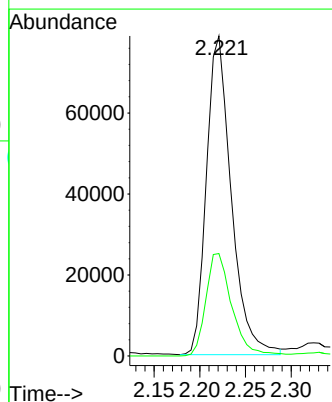
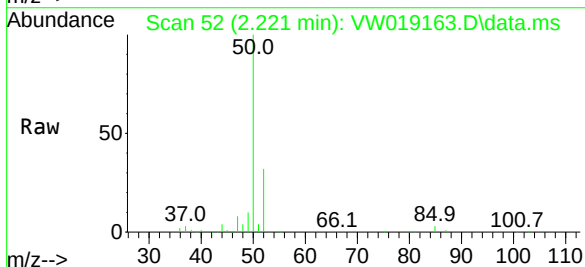
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MSVOA_W
ClientSampleId :
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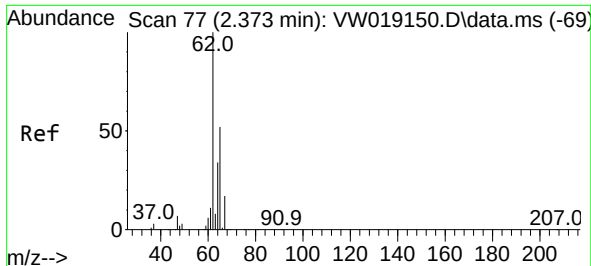
Tgt Ion: 85 Resp: 178922
Ion Ratio Lower Upper
85 100
87 28.2 23.3 34.9



#3
Chloromethane
Concen: 24.507 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 50 Resp: 148517
Ion Ratio Lower Upper
50 100
52 32.0 22.5 41.9

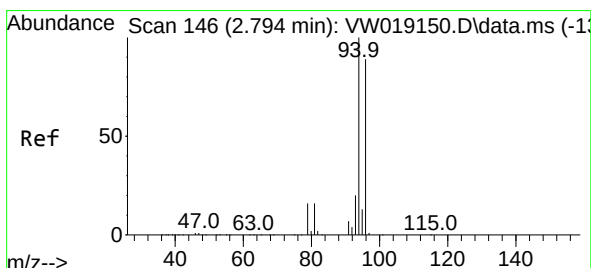
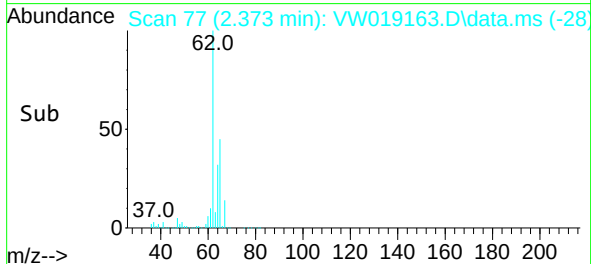
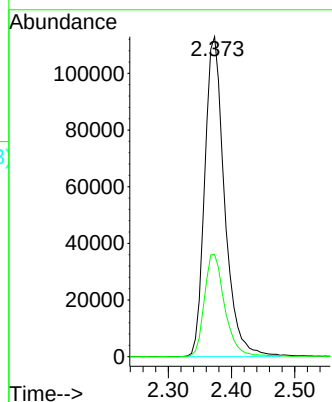
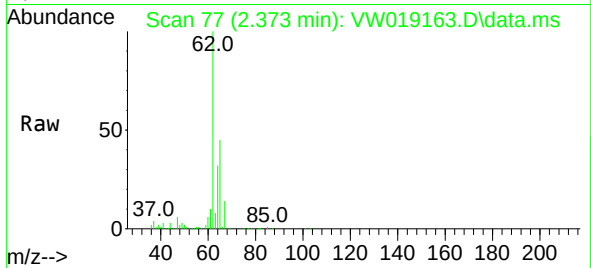




#5
 Vinyl chloride
 Concen: 26.699 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019163.D
 Acq: 09 Jun 2021 12:30

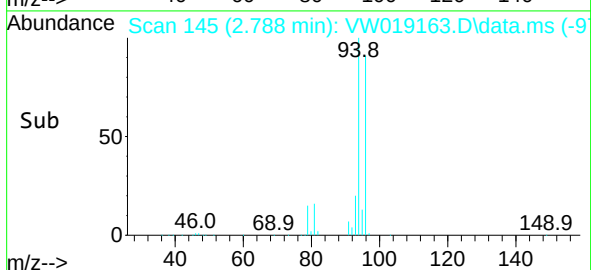
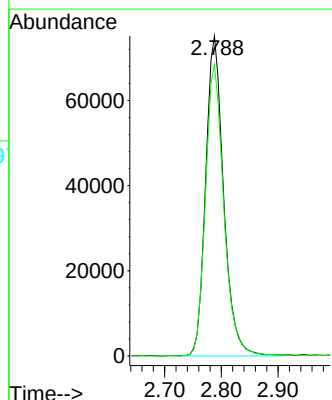
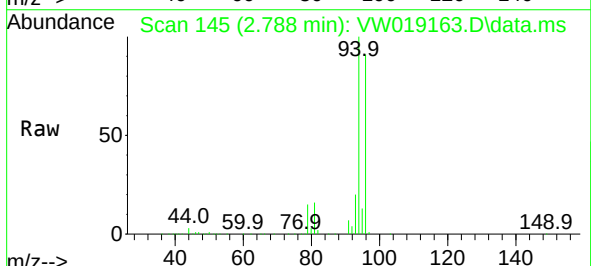
Instrument :
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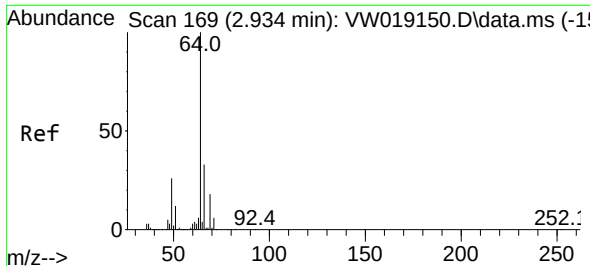
Tgt Ion: 62 Resp: 246991
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.2 45.0



#6
 Bromomethane
 Concen: 24.040 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VW019163.D
 Acq: 09 Jun 2021 12:30

Tgt Ion: 94 Resp: 165364
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.3 121.3

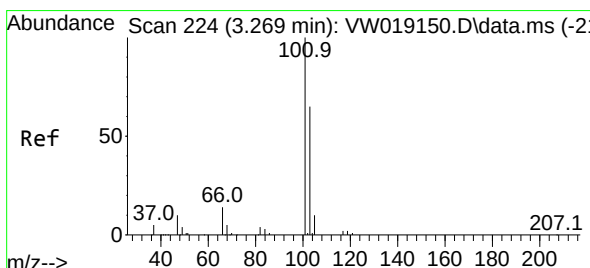
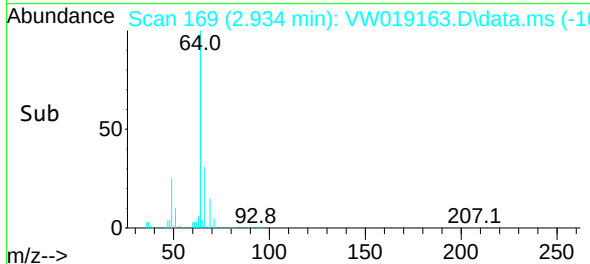
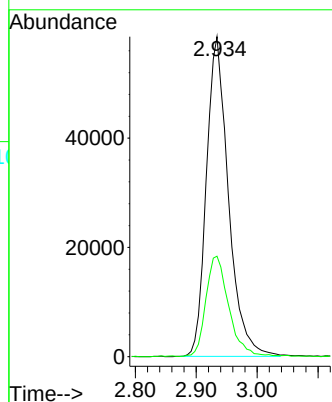
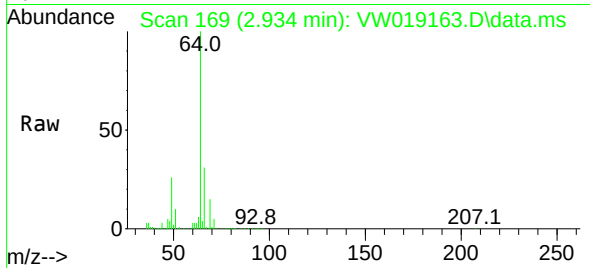




#8
Chloroethane
Concen: 26.743 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

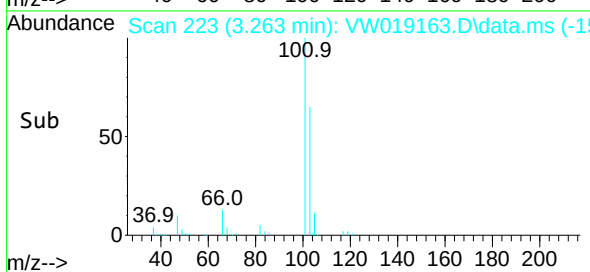
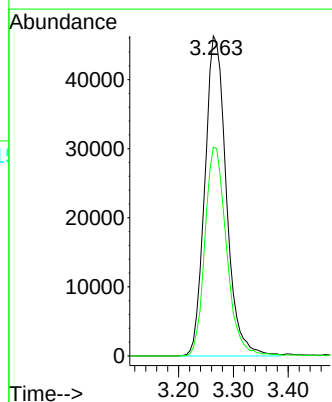
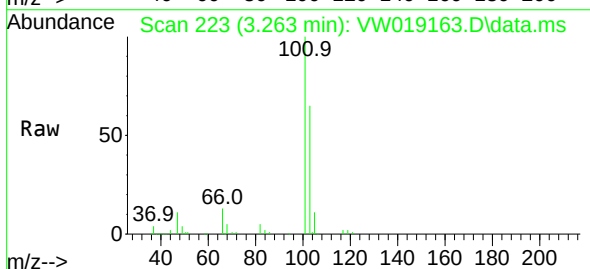
Instrument :
MSVOA_W
ClientSampleId :
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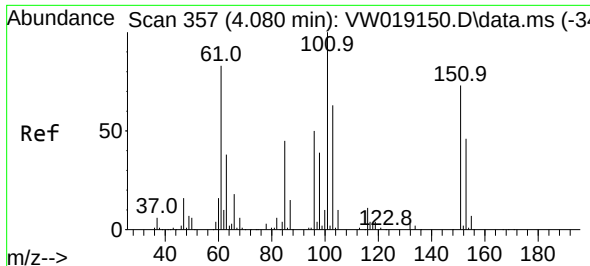
Tgt Ion: 64 Resp: 147075
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.813 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 101 Resp: 125983
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

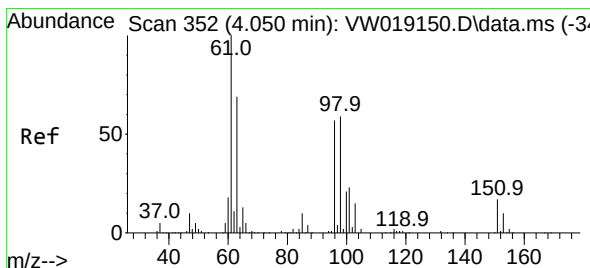
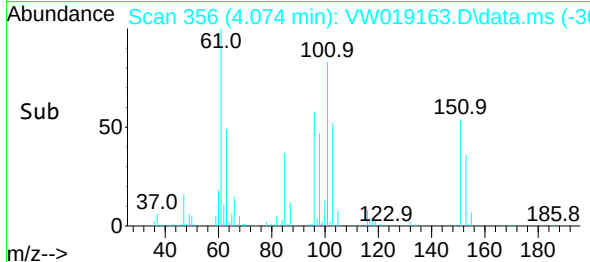
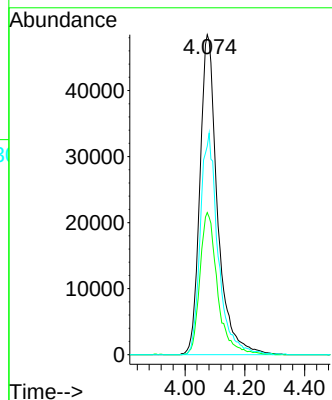
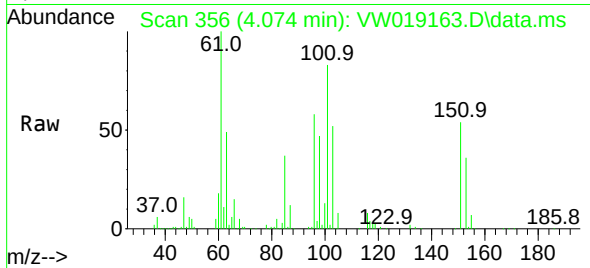




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.274 ug/L
RT: 4.074 min Scan# 356
Delta R.T. -0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

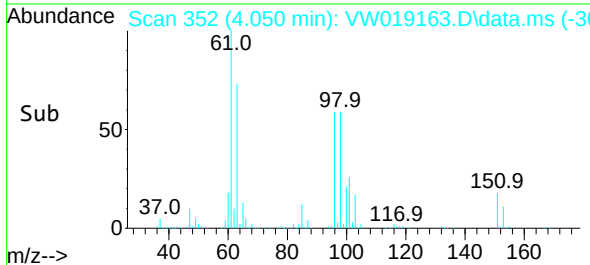
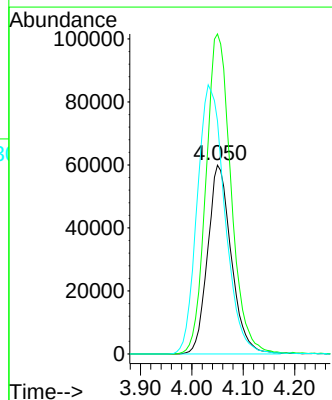
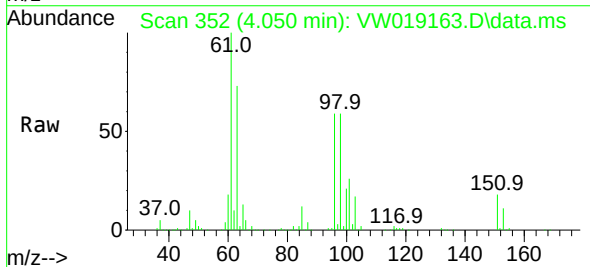
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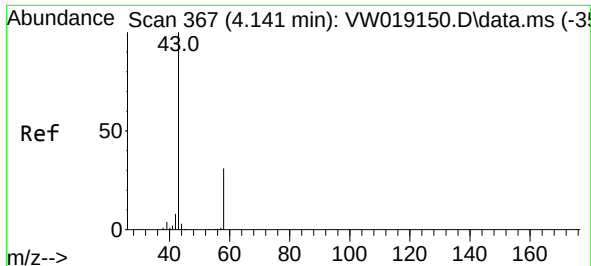
Tgt Ion:101 Resp: 198066
Ion Ratio Lower Upper
101 100
85 44.1 38.2 57.2
151 68.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 26.696 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 96 Resp: 191520
Ion Ratio Lower Upper
96 100
61 169.5 118.1 219.3
63 123.5 83.7 155.5

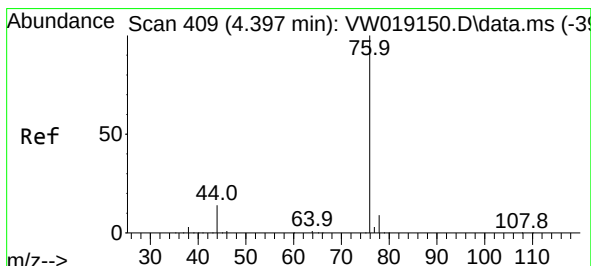
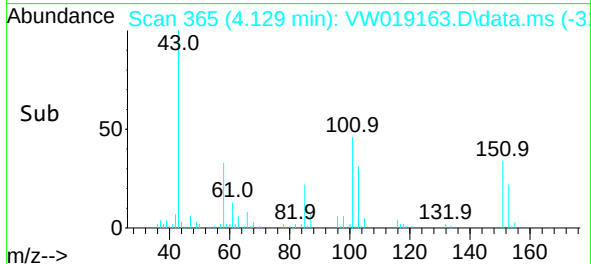
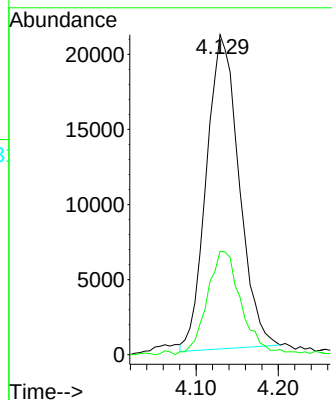
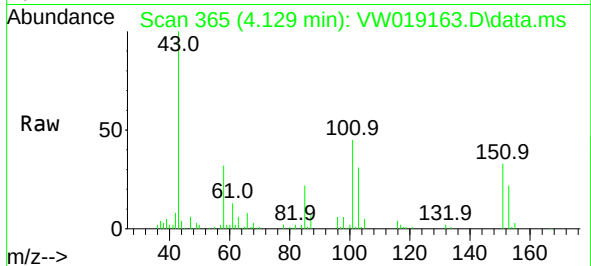




#13
Acetone
Concen: 37.129 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

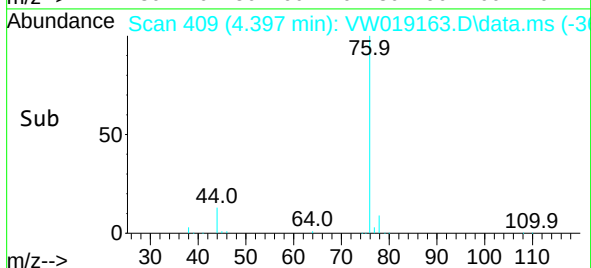
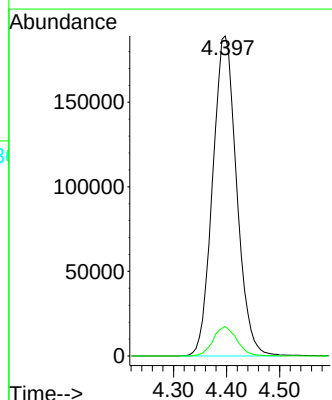
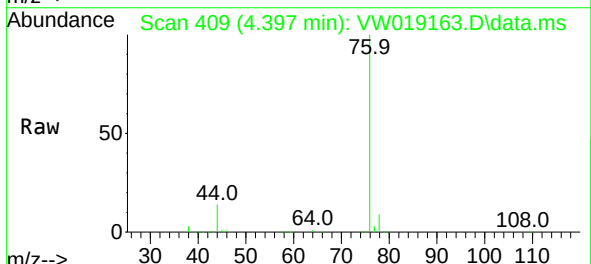
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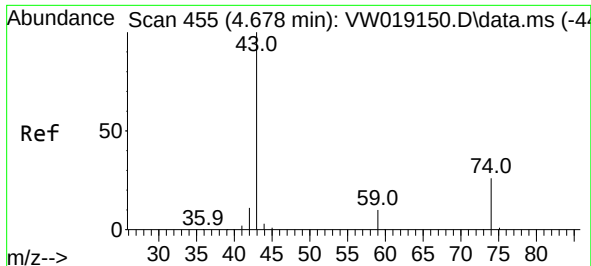
Tgt Ion: 43 Resp: 57657
Ion Ratio Lower Upper
43 100
58 34.0 0.0 53.8



#14
Carbon disulfide
Concen: 26.234 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 594887
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

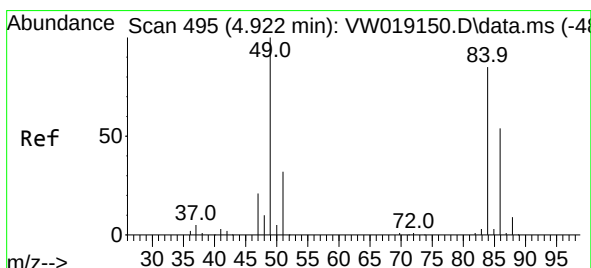
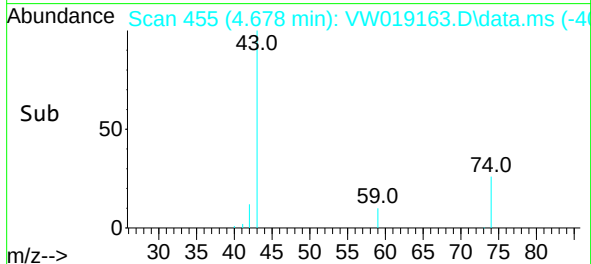
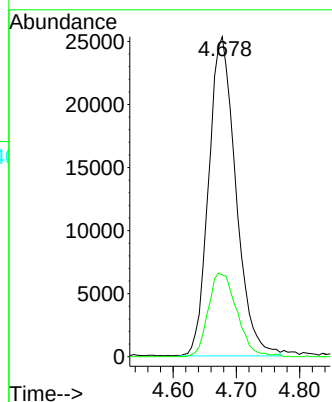
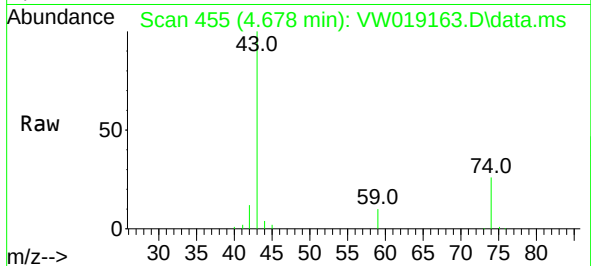




#15
Methyl Acetate
Concen: 24.219 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

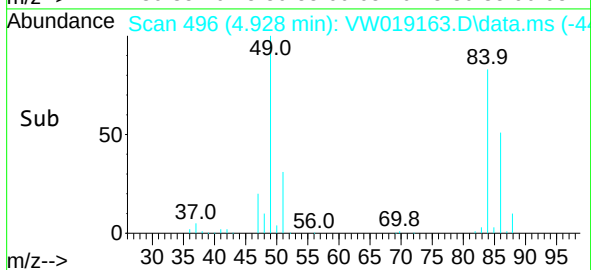
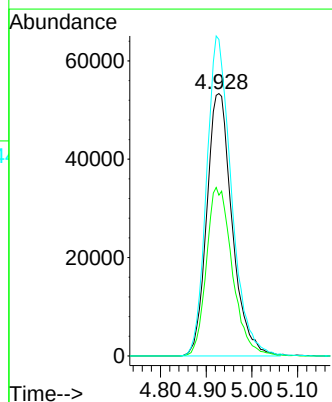
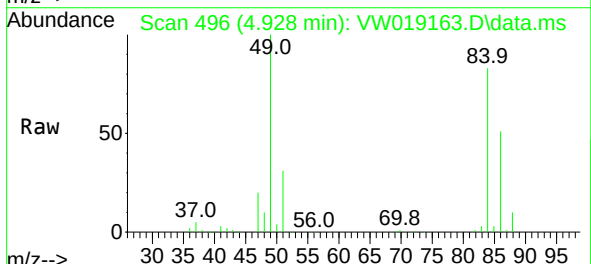
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

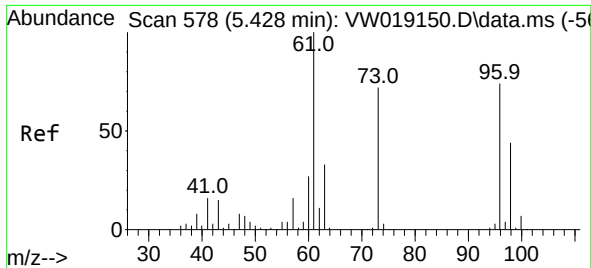
Tgt Ion: 43 Resp: 75646
Ion Ratio Lower Upper
43 100
74 27.5 20.0 30.0



#16
Methylene chloride
Concen: 21.962 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 84 Resp: 206178
Ion Ratio Lower Upper
84 100
86 61.2 45.3 84.1
49 120.6 86.6 160.8

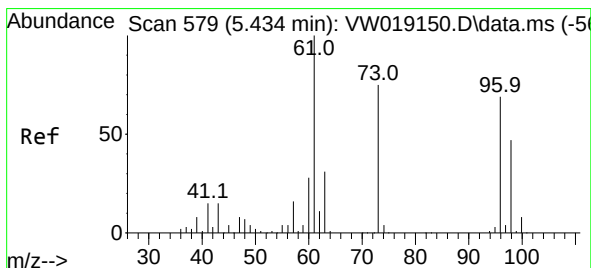
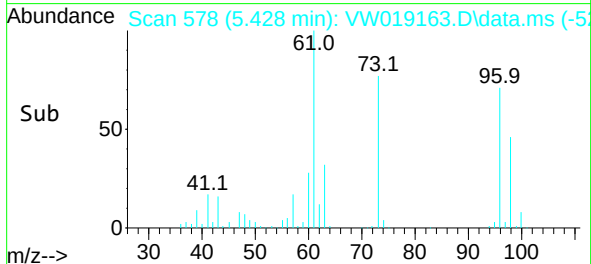
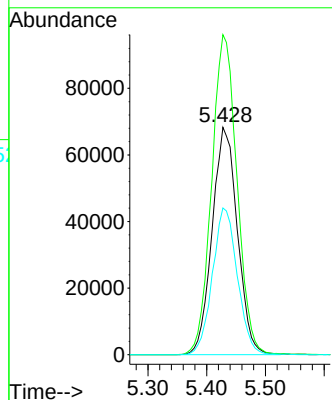
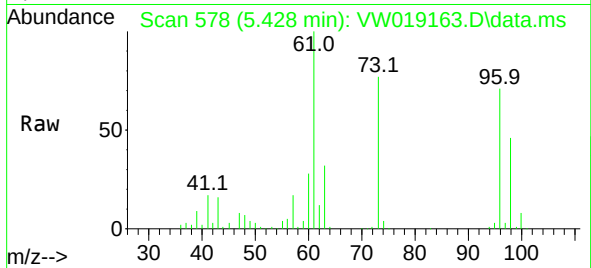




#17
trans-1,2-Dichloroethene
Concen: 26.398 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

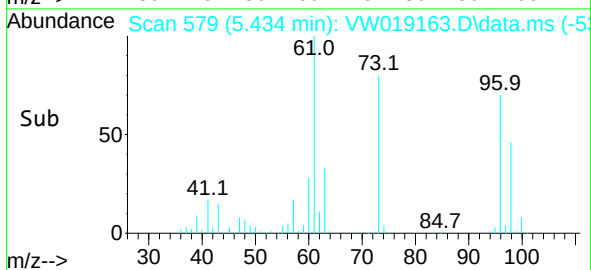
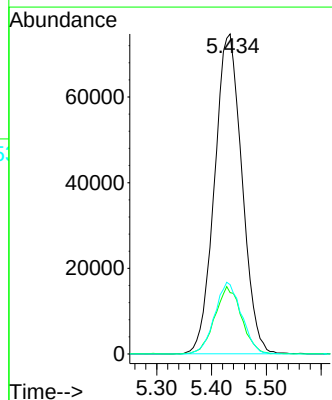
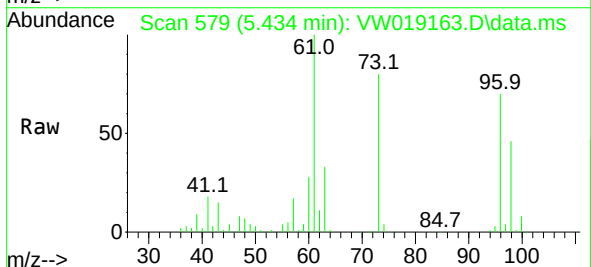
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

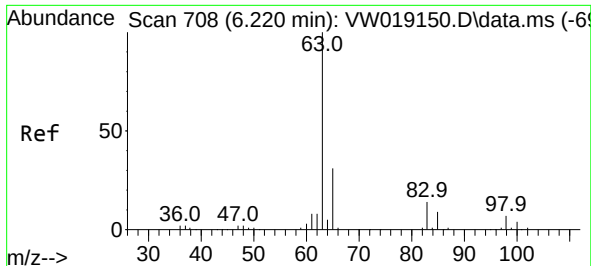
Tgt Ion: 96 Resp: 204042
Ion Ratio Lower Upper
96 100
61 140.7 98.3 182.7
98 64.5 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 25.924 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 73 Resp: 259028
Ion Ratio Lower Upper
73 100
43 20.4 17.7 26.5
57 21.9 17.0 25.4

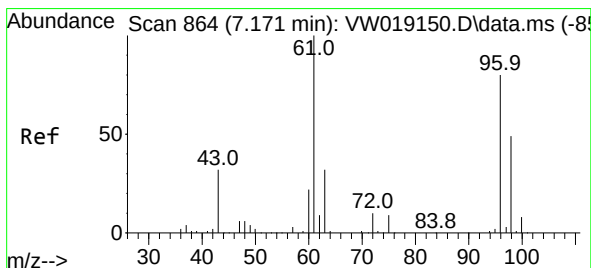
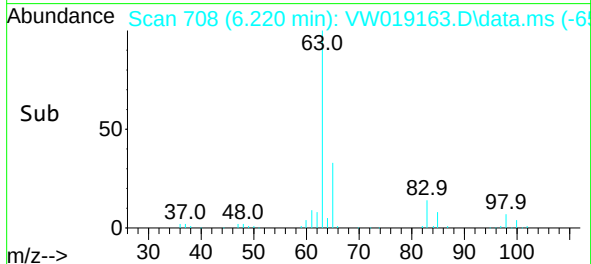
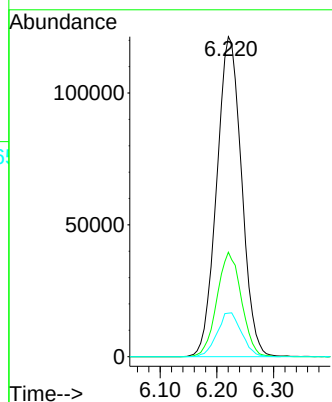
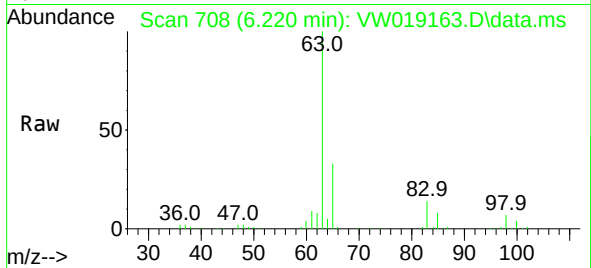




#19
1,1-Dichloroethane
Concen: 26.956 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

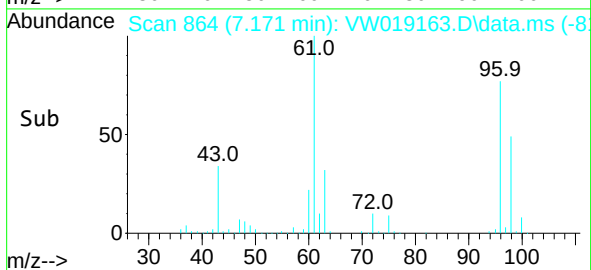
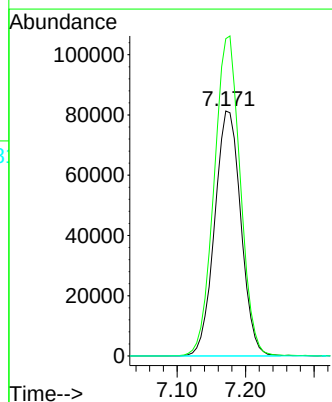
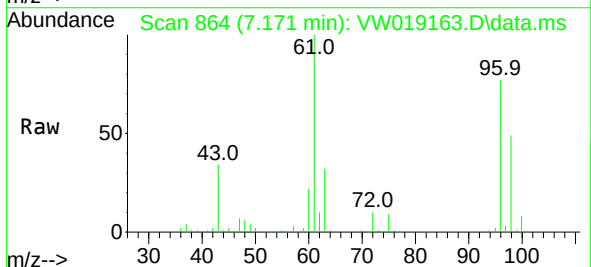
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

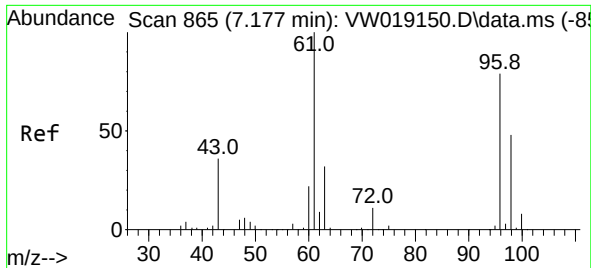
Tgt Ion: 63 Resp: 369828
Ion Ratio Lower Upper
63 100
65 32.7 22.9 42.5
83 13.6 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 26.832 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 96 Resp: 215934
Ion Ratio Lower Upper
96 100
61 129.5 88.5 164.3
68 0.0 0.0 0.0

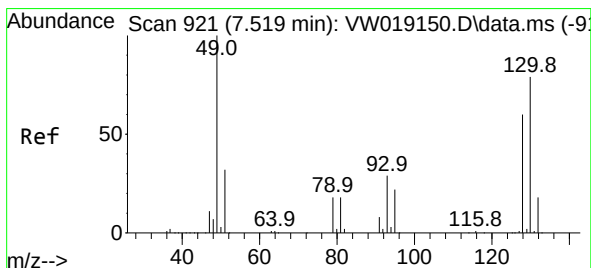
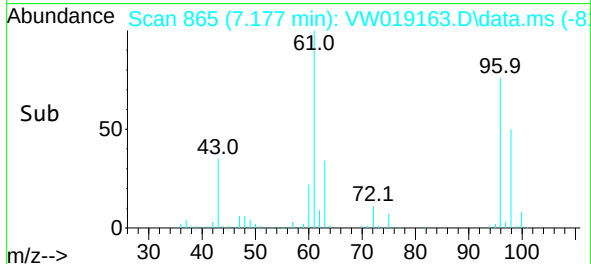
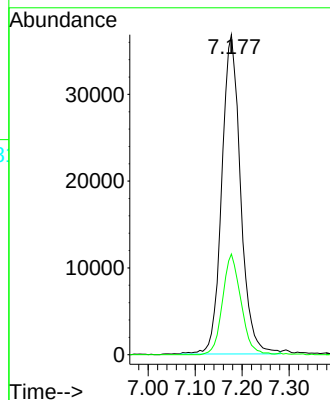
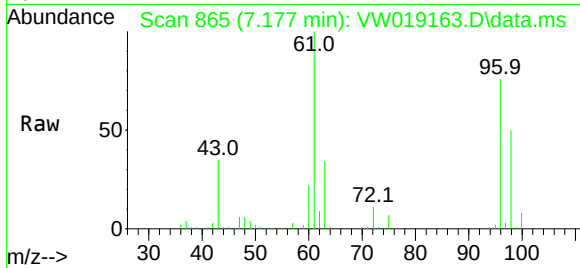




#22
2-Butanone
Concen: 49.367 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

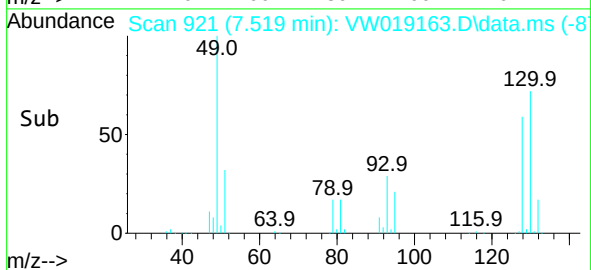
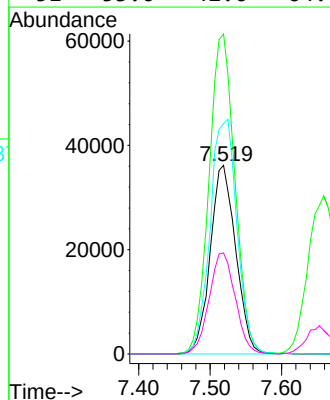
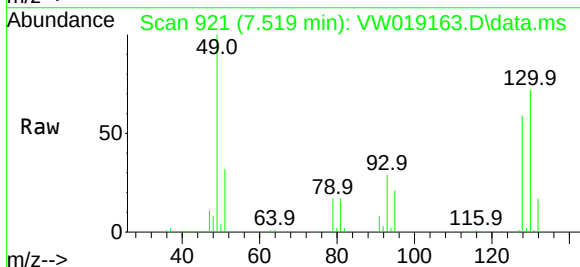
Instrument :
MSVOA_W
ClientSampled :
VSTD025130

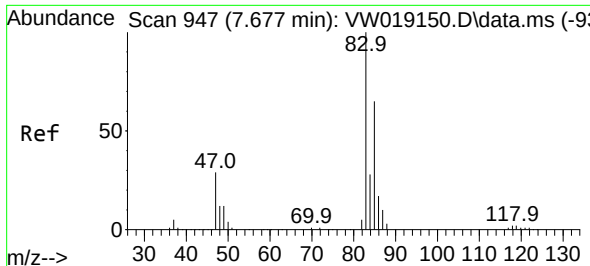
Tgt Ion: 43 Resp: 102502
Ion Ratio Lower Upper
43 100
72 30.7 14.9 44.7



#23
Bromochloromethane
Concen: 25.281 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 128 Resp: 89504
Ion Ratio Lower Upper
128 100
49 169.6 116.3 215.9
130 122.1 82.4 153.0
51 53.6 42.6 64.0

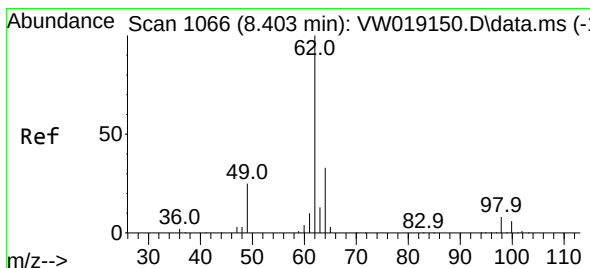
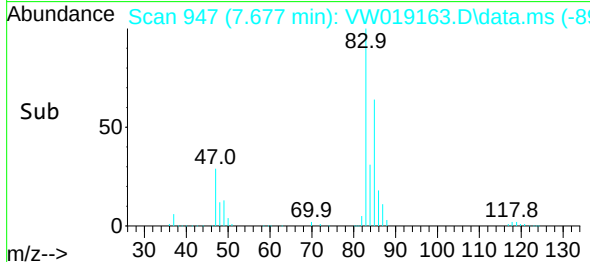
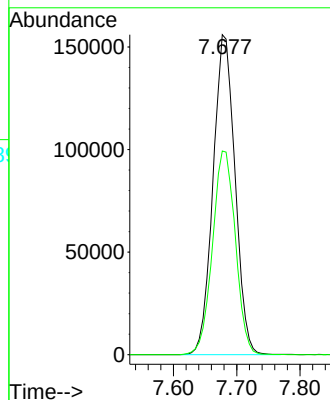
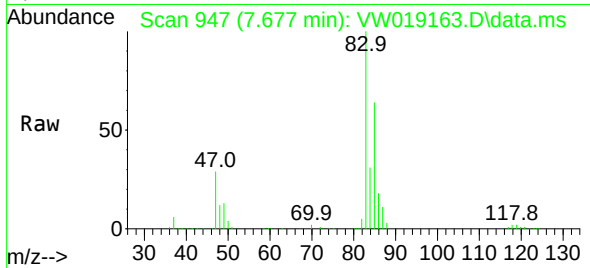




#25
Chloroform
Concen: 26.911 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

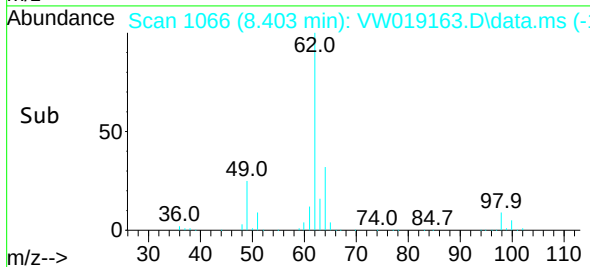
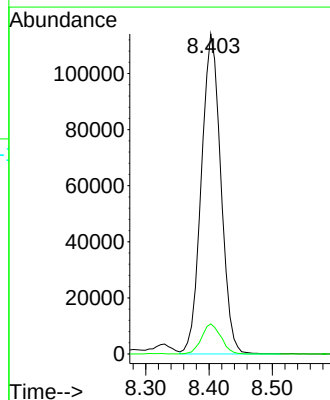
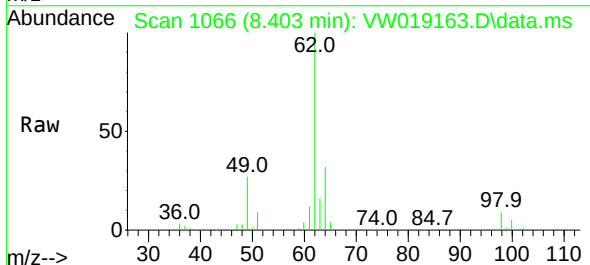
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

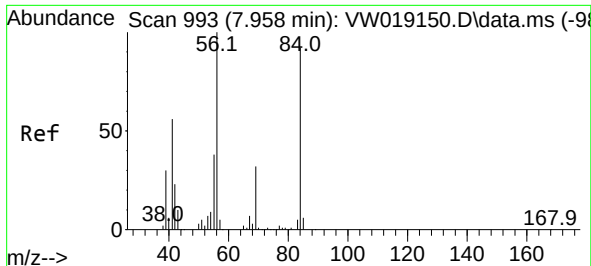
Tgt Ion: 83 Resp: 376559
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.858 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

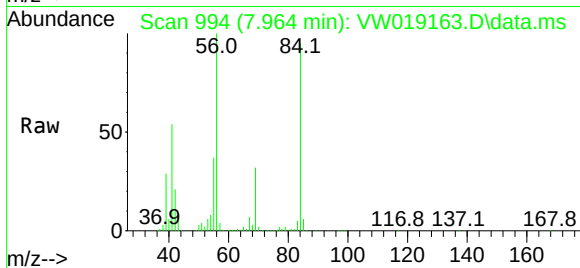
Tgt Ion: 62 Resp: 245017
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3





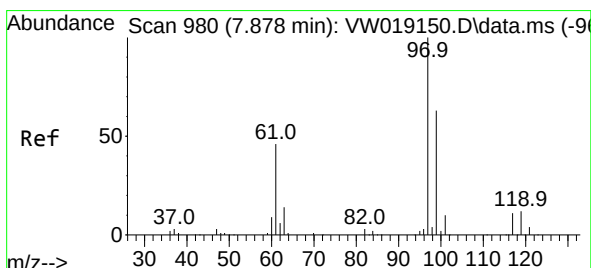
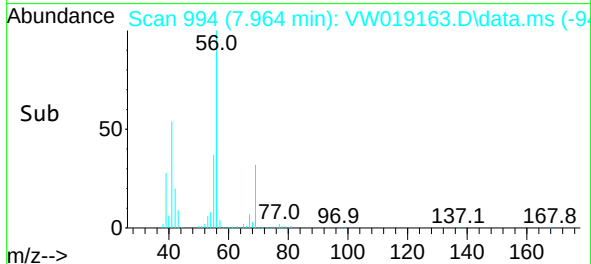
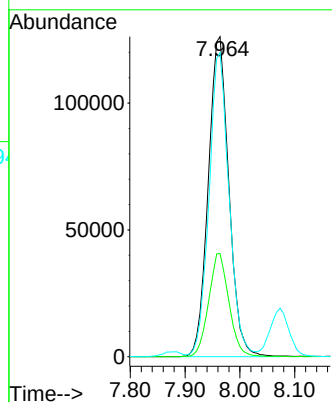
#29
Cyclohexane
Concen: 27.416 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025130



Tgt Ion: 56 Resp: 329042

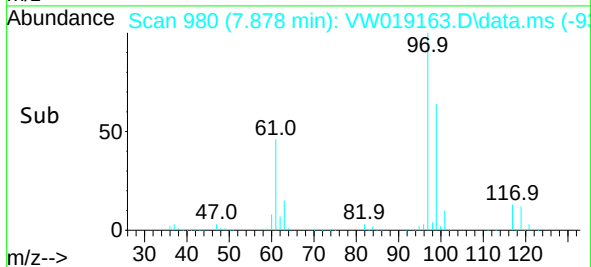
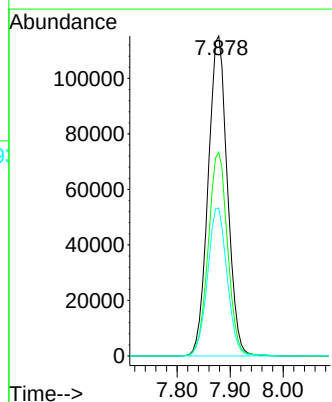
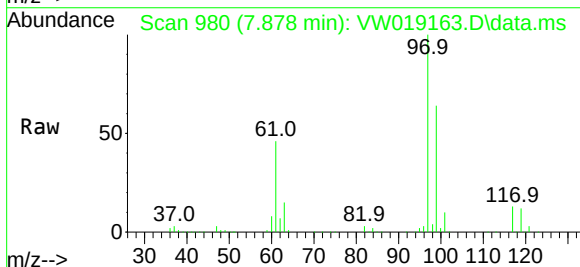
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	91.1	75.0	112.4

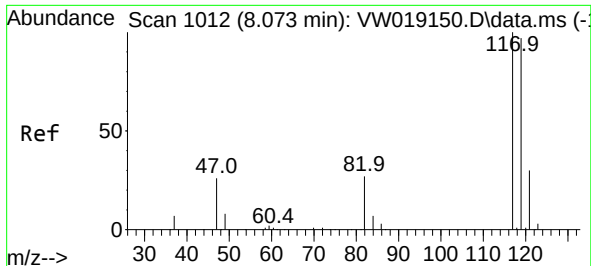


#30
1,1,1-Trichloroethane
Concen: 27.338 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 97 Resp: 290147

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	46.8	37.8	56.6

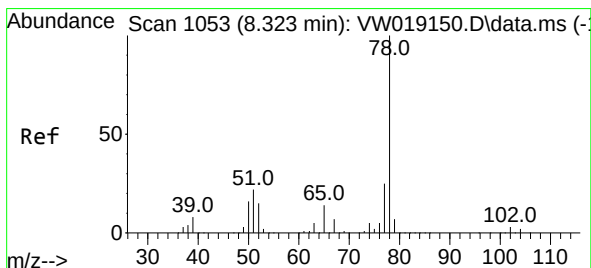
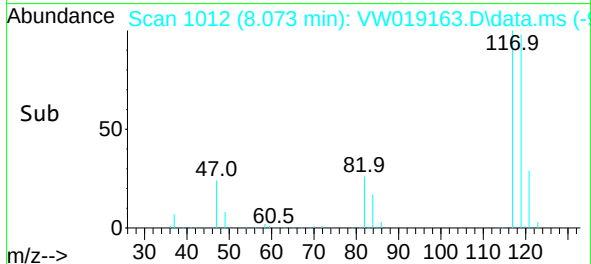
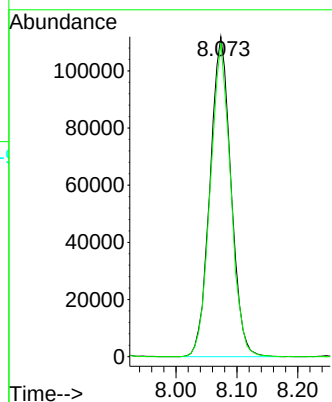
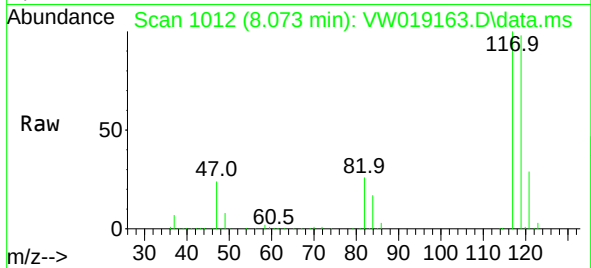




#31
Carbon tetrachloride
Concen: 27.383 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

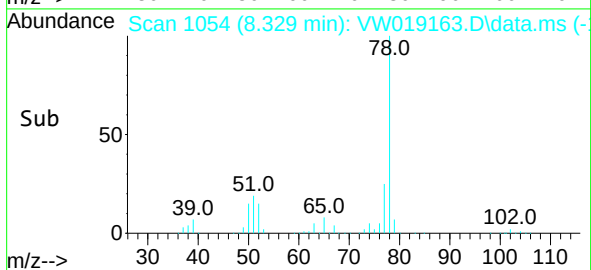
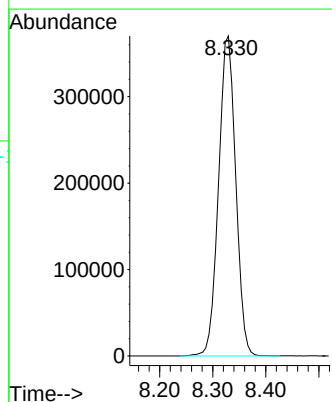
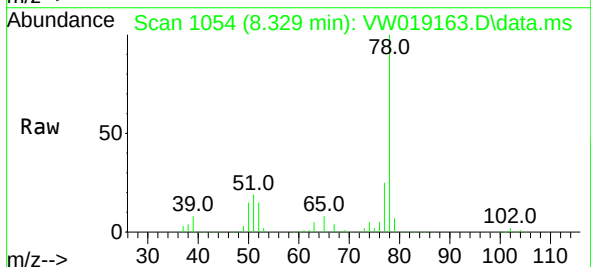
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

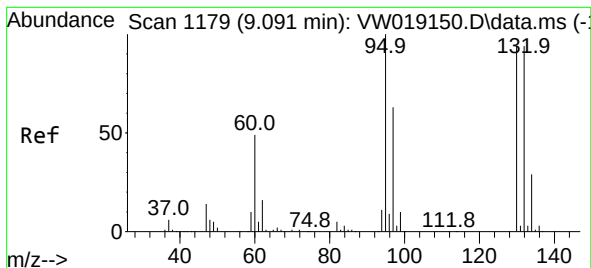
Tgt Ion:117 Resp: 268337
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7



#33
Benzene
Concen: 27.435 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 78 Resp: 832344



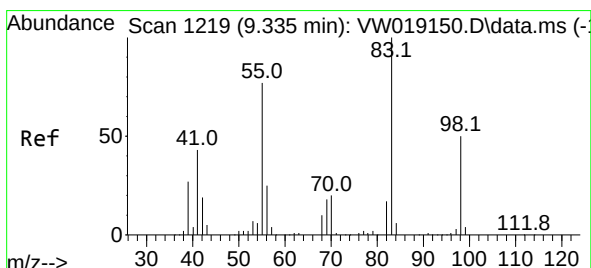
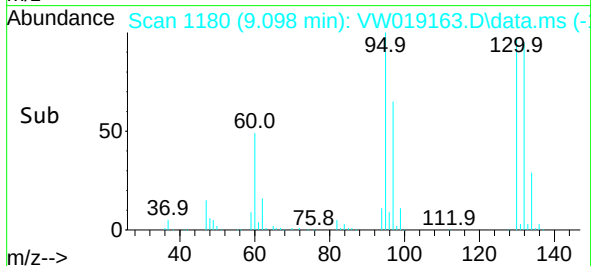
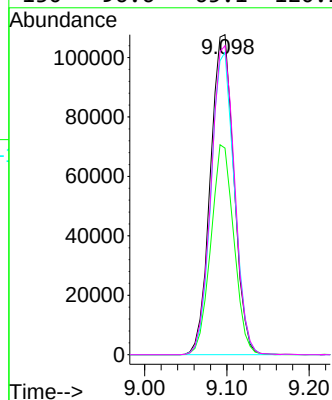
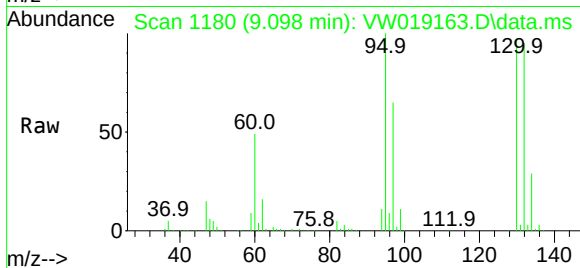


#34
Trichloroethene
Concen: 27.058 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

Tgt Ion: 95 Resp: 213992

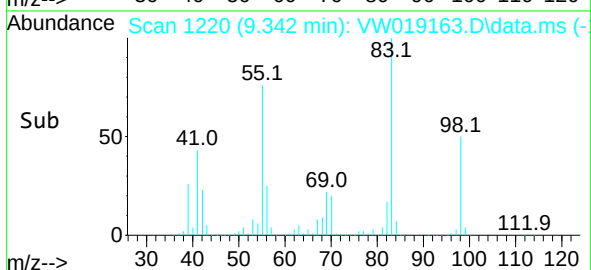
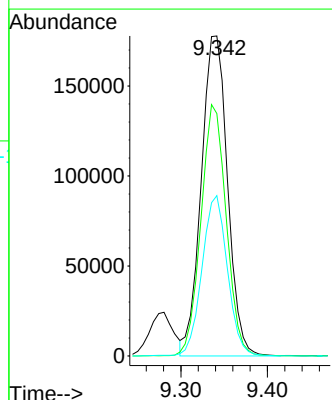
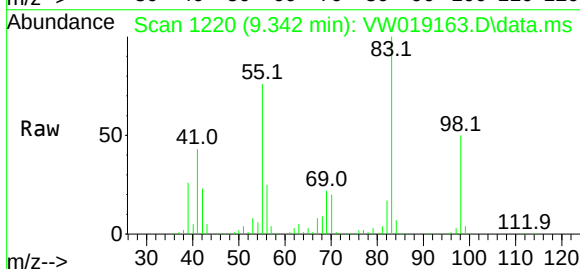
Ion	Ratio	Lower	Upper
95	100		
97	64.6	47.3	87.8
132	94.5	71.0	131.8
130	96.6	65.1	120.9

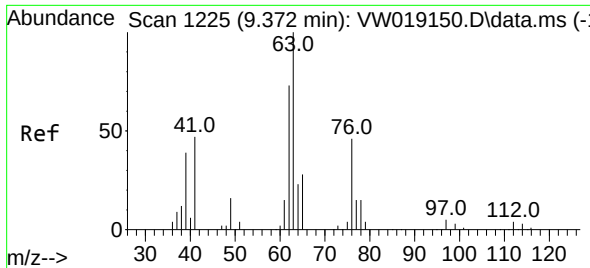


#35
Methylcyclohexane
Concen: 27.567 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 83 Resp: 375168

Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.9	88.3
98	48.4	40.1	60.1

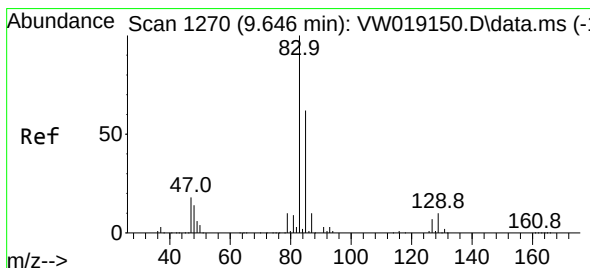
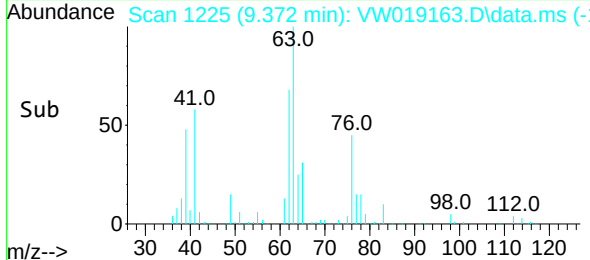
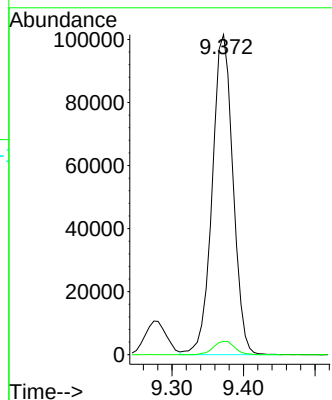
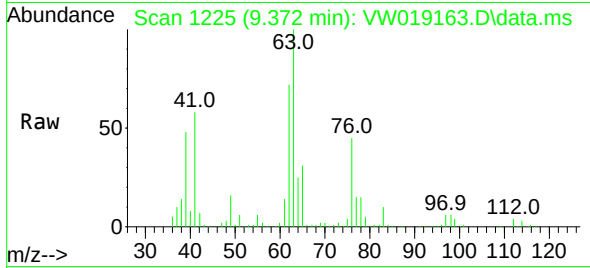




#37
1,2-Dichloropropane
Concen: 27.475 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

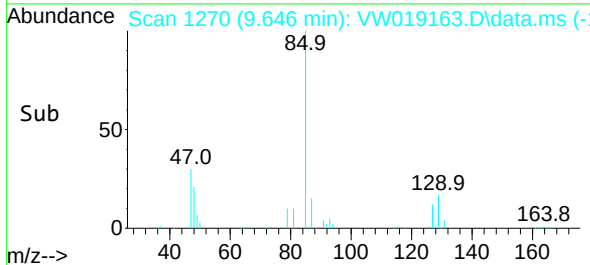
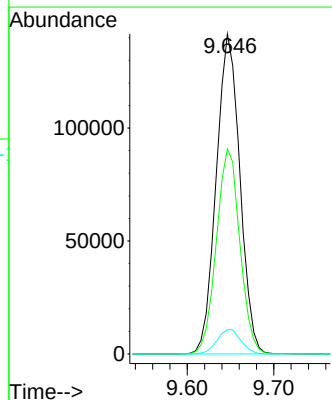
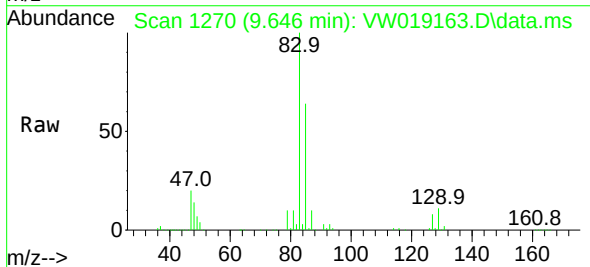
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

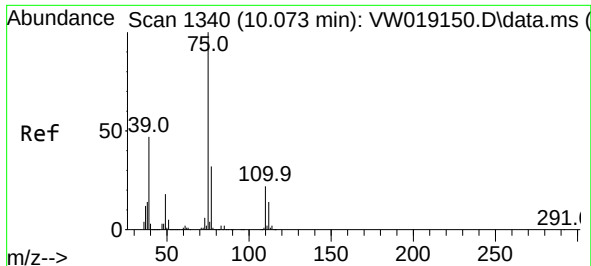
Tgt Ion: 63 Resp: 204754
Ion Ratio Lower Upper
63 100
112 4.3 3.9 5.9



#38
Bromodichloromethane
Concen: 27.751 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 83 Resp: 268252
Ion Ratio Lower Upper
83 100
85 64.1 42.3 78.5
127 7.6 6.6 9.8

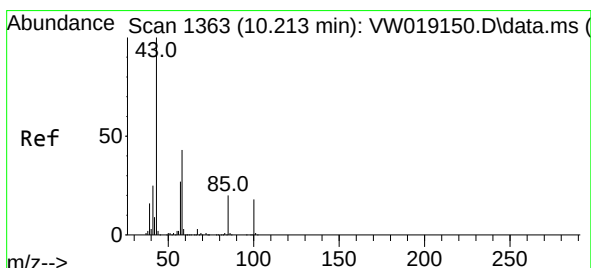
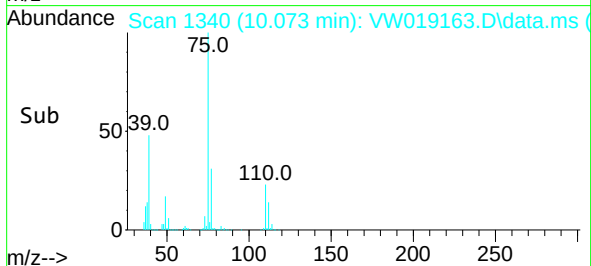
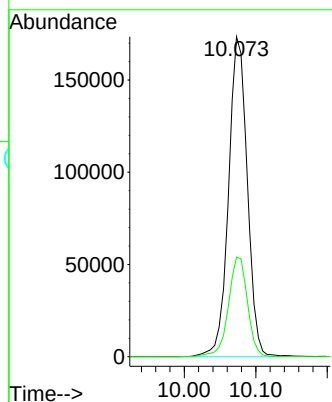
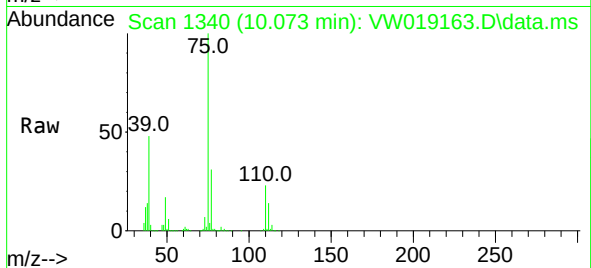




#39
cis-1,3-Dichloropropene
Concen: 27.283 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

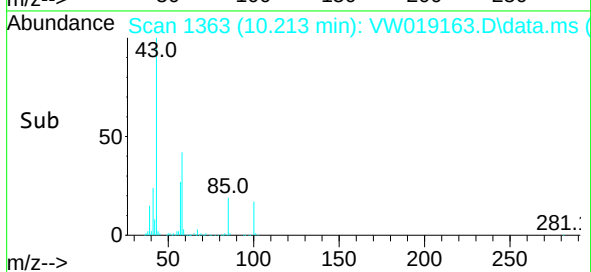
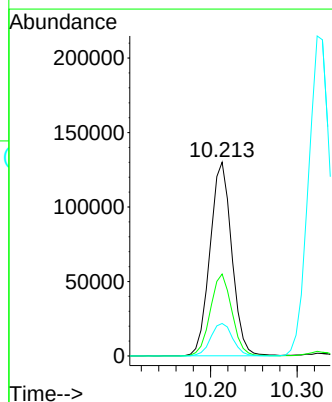
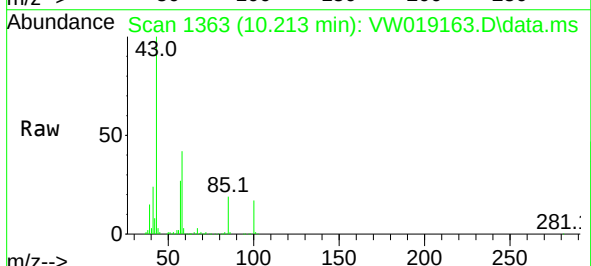
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

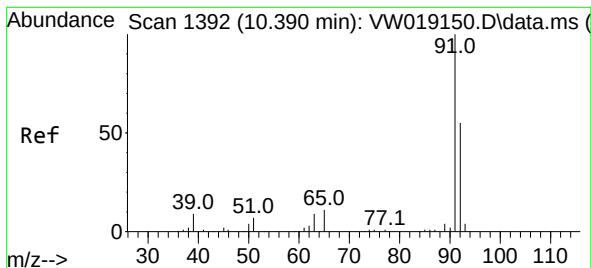
Tgt Ion: 75 Resp: 315042
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 51.039 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 43 Resp: 226525
Ion Ratio Lower Upper
43 100
58 42.1 31.0 46.4
100 17.1 13.0 19.6





#42

Toluene

Concen: 27.675 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019163.D

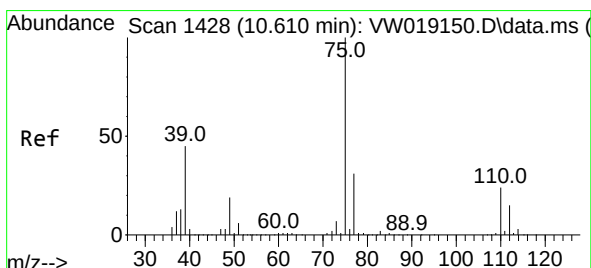
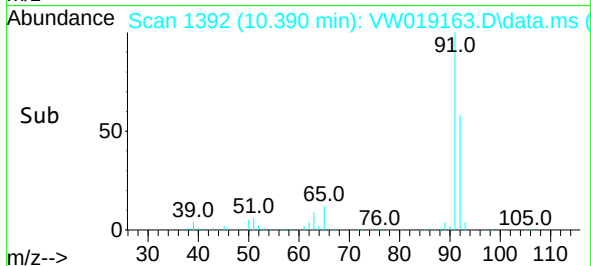
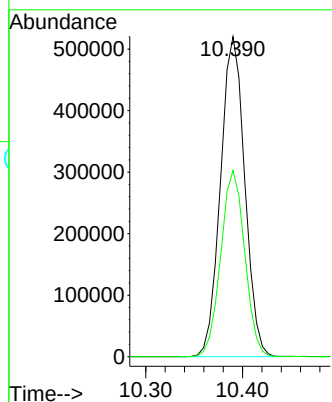
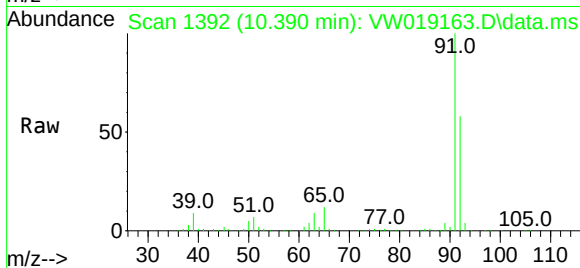
Acq: 09 Jun 2021 12:30

Tgt Ion: 91 Resp: 903312

Ion Ratio Lower Upper

91 100

92 58.2 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 26.823 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW019163.D

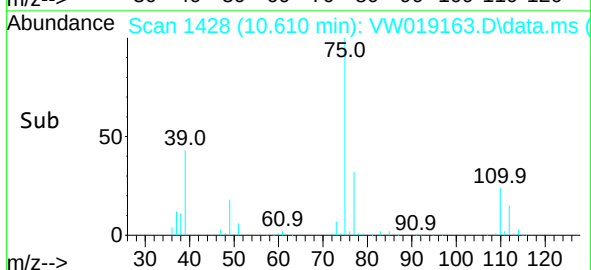
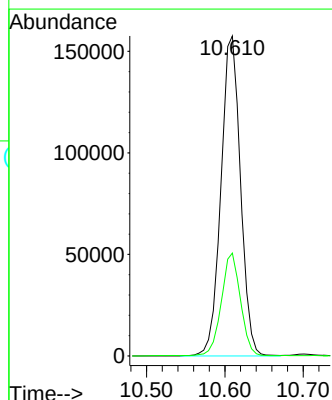
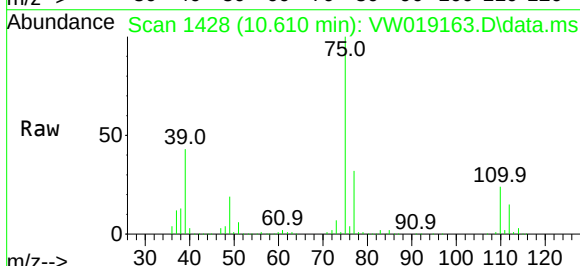
Acq: 09 Jun 2021 12:30

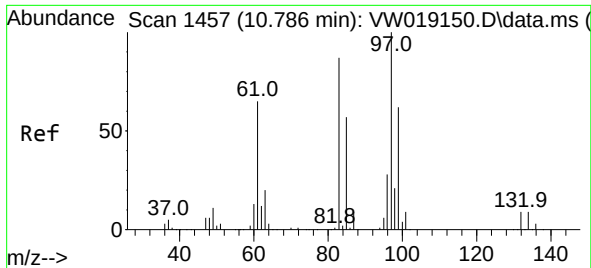
Tgt Ion: 75 Resp: 273396

Ion Ratio Lower Upper

75 100

77 32.1 21.1 39.1



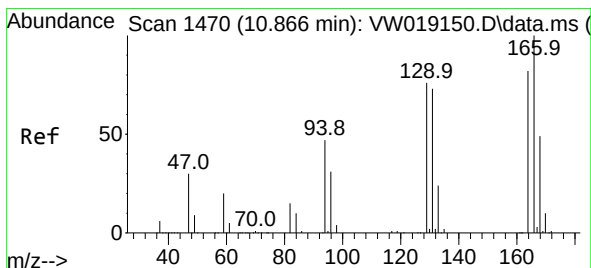
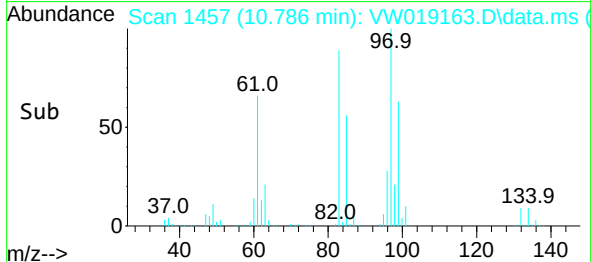
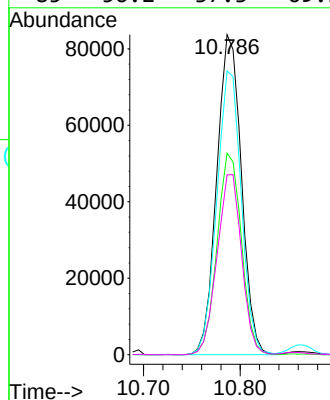
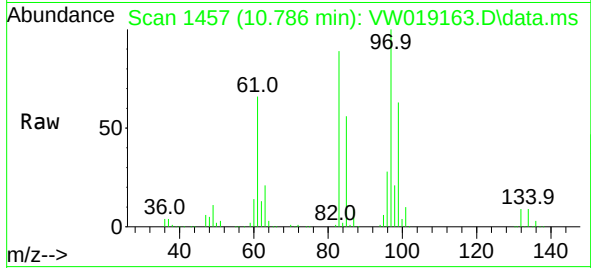


#45
1,1,2-Trichloroethane
Concen: 26.390 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

Tgt Ion: 97 Resp: 148076

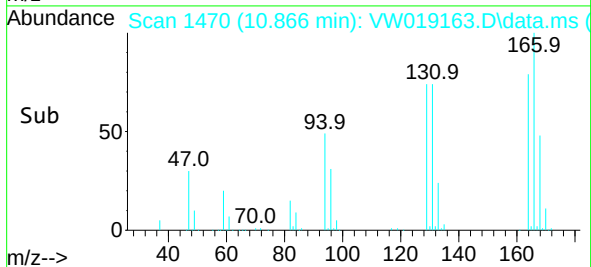
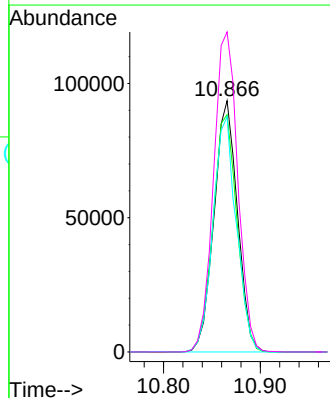
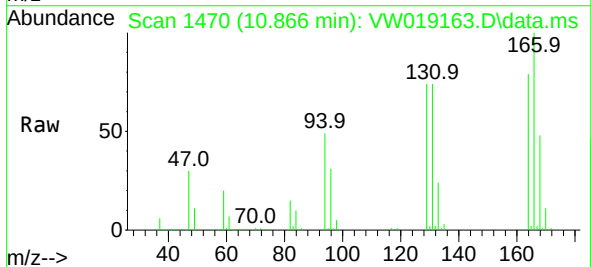
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.1	83.7
83	88.7	58.1	107.9
85	56.2	37.3	69.3

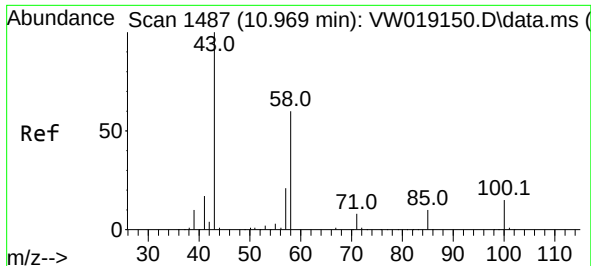


#46
Tetrachloroethene
Concen: 26.014 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 164 Resp: 157263

Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.7	123.9
131	93.7	61.1	113.5
166	127.4	87.0	161.6

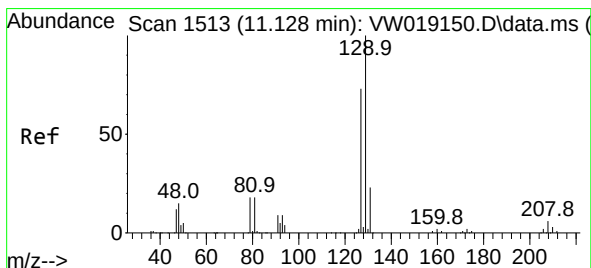
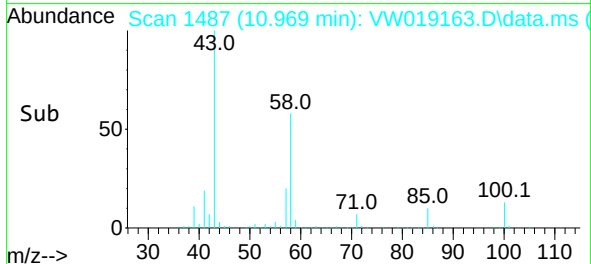
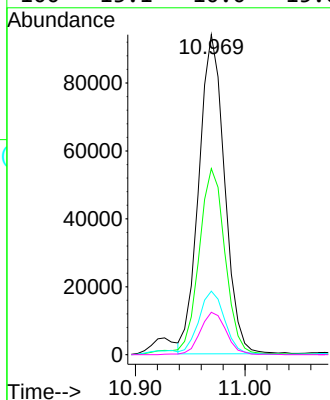
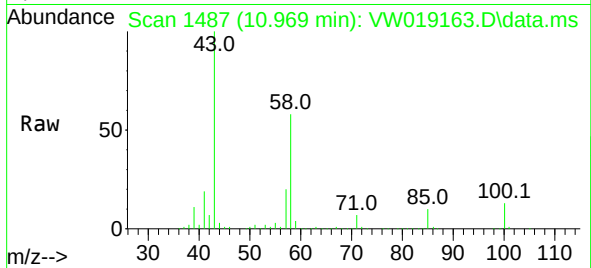




#48
2-Hexanone
Concen: 51.319 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

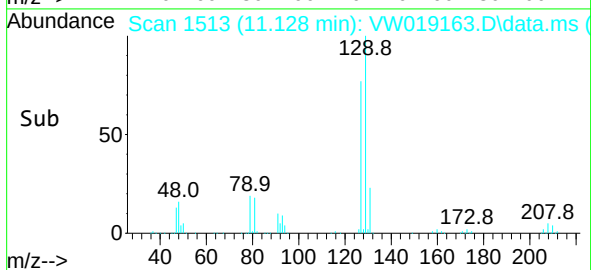
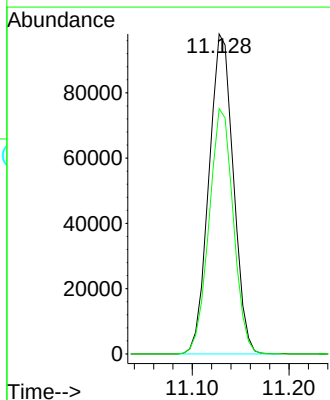
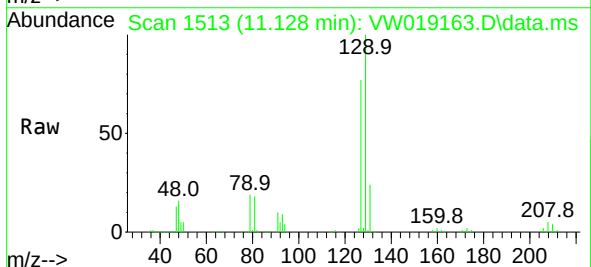
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

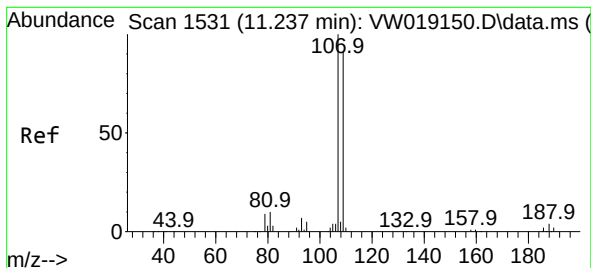
Tgt Ion:	43	Resp:	153114
Ion	Ratio	Lower	Upper
43	100		
58	59.4	42.7	64.1
57	20.3	15.8	23.8
100	13.1	10.0	15.0



#49
Dibromochloromethane
Concen: 27.638 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:	129	Resp:	171881
Ion	Ratio	Lower	Upper
129	100		
127	76.7	51.7	95.9

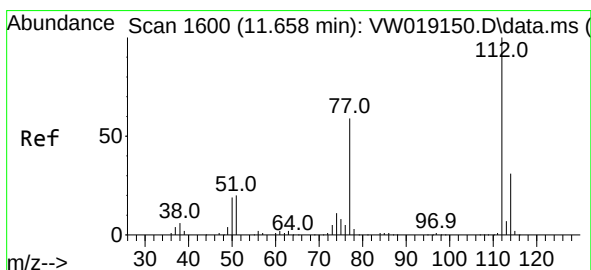
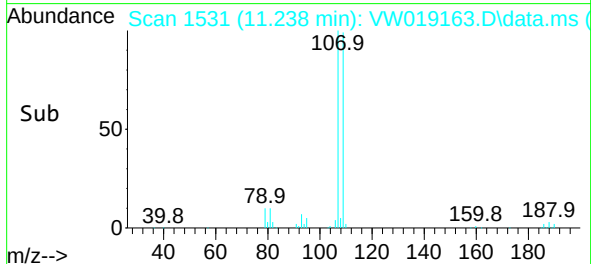
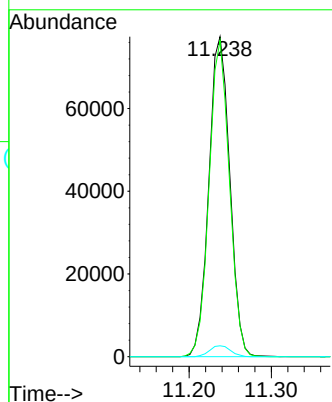
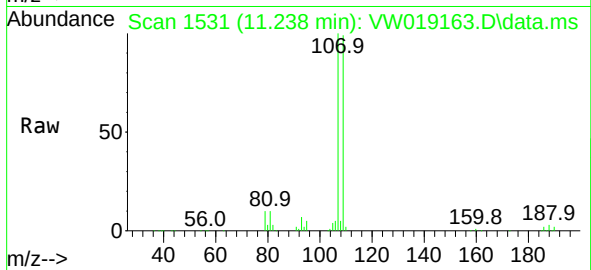




#50
1,2-Dibromoethane
Concen: 25.229 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

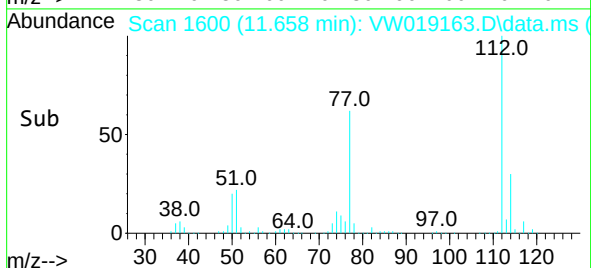
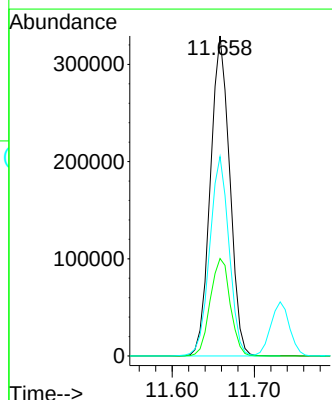
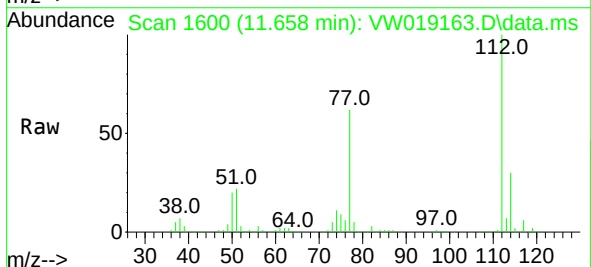
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

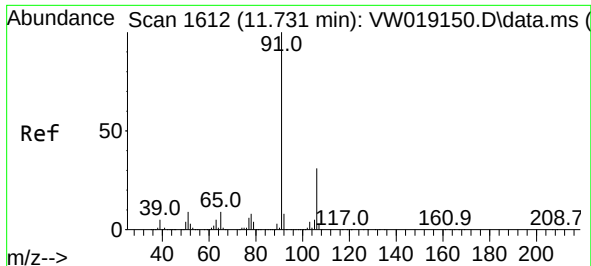
Tgt Ion:107 Resp: 137150
Ion Ratio Lower Upper
107 100
109 98.8 65.4 121.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 26.716 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:112 Resp: 538259
Ion Ratio Lower Upper
112 100
114 30.5 23.4 43.6
77 62.3 47.6 71.4

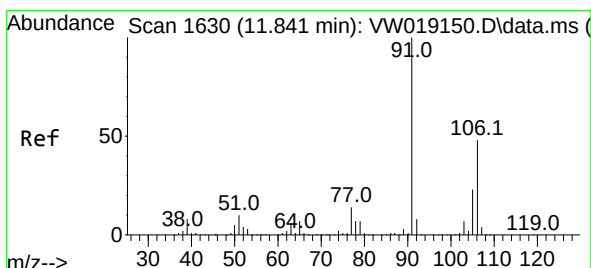
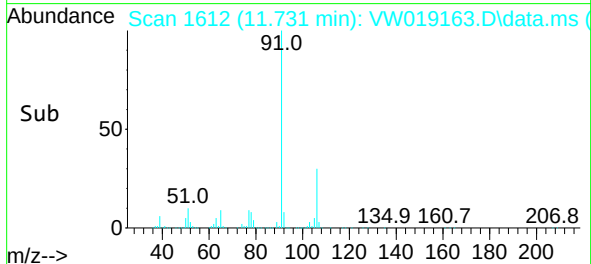
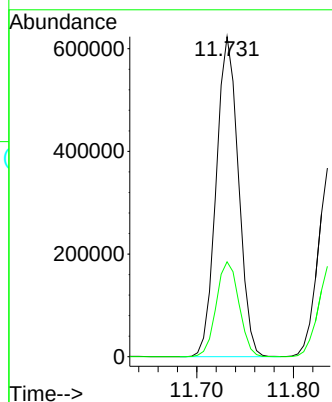
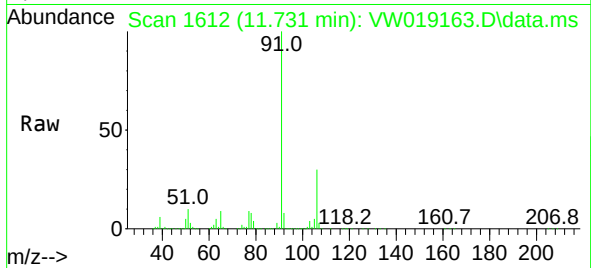




#52
Ethylbenzene
Concen: 27.711 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

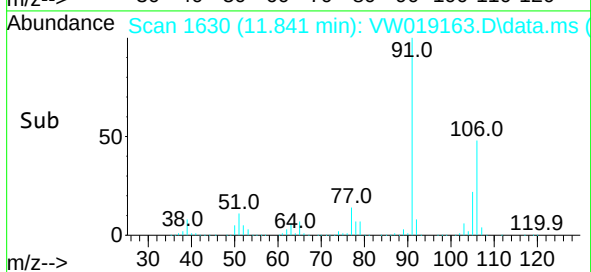
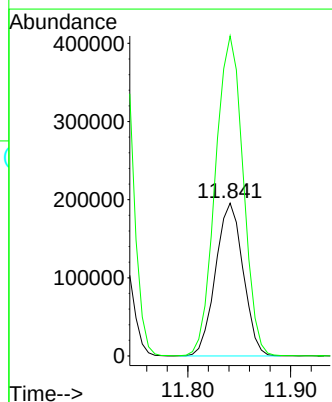
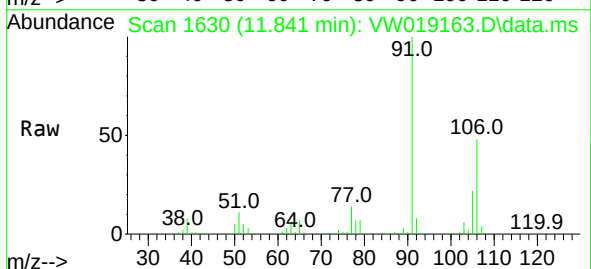
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

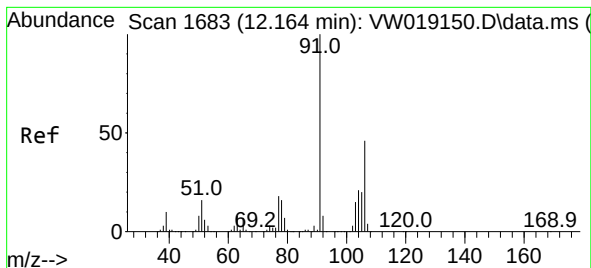
Tgt Ion: 91 Resp: 994975
Ion Ratio Lower Upper
91 100
106 29.7 22.5 41.7



#53
m,p-Xylene
Concen: 27.503 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:106 Resp: 364171
Ion Ratio Lower Upper
106 100
91 209.4 141.3 262.3

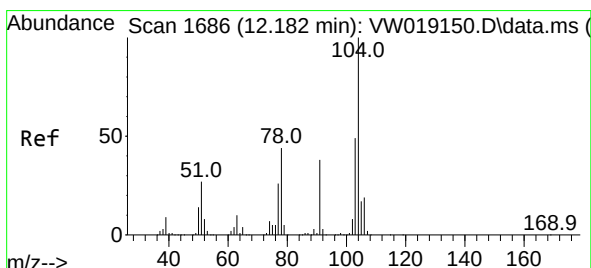
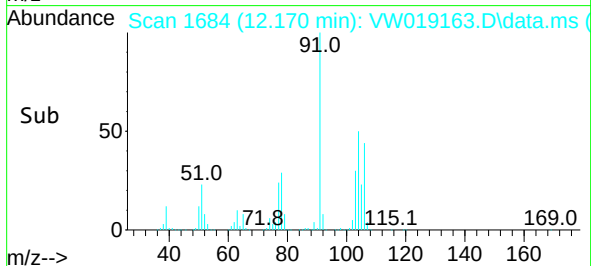
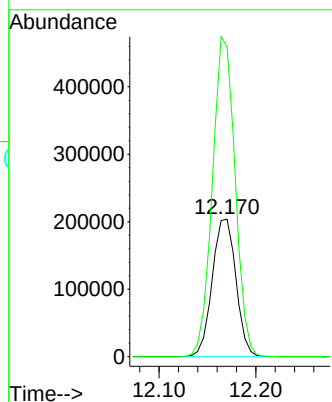
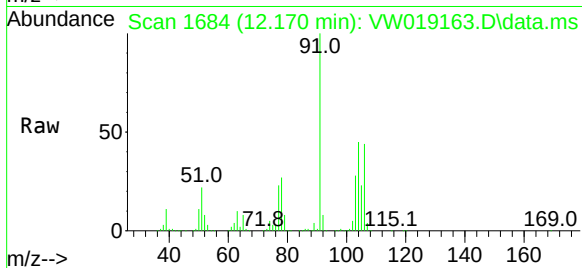




#54
o-Xylene
Concen: 27.511 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

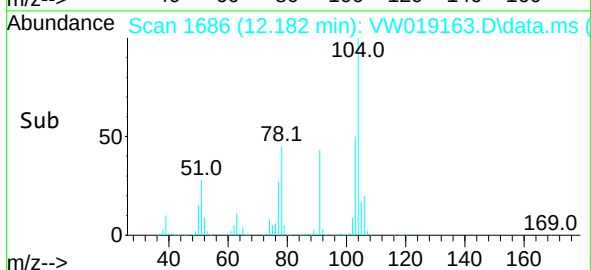
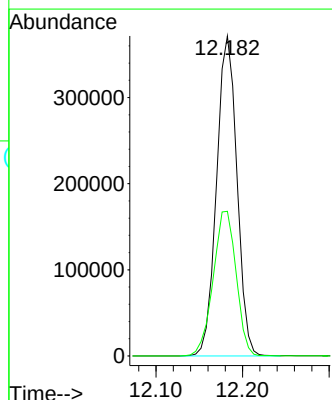
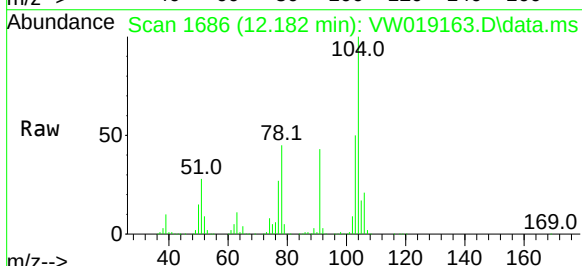
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

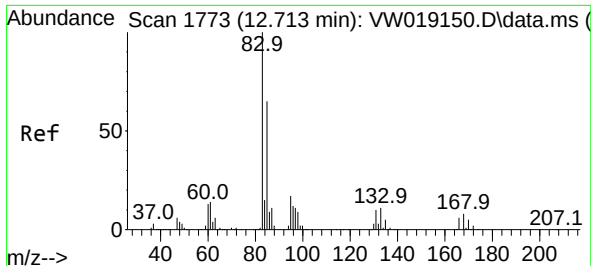
Tgt Ion:106 Resp: 347006
Ion Ratio Lower Upper
106 100
91 225.3 150.0 278.6



#55
Styrene
Concen: 28.004 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

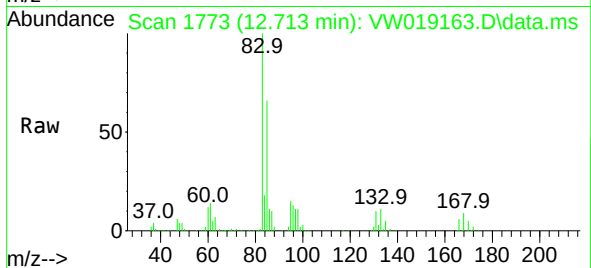
Tgt Ion:104 Resp: 607454
Ion Ratio Lower Upper
104 100
78 45.2 32.5 60.3



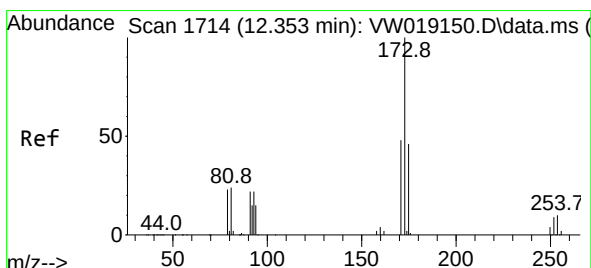
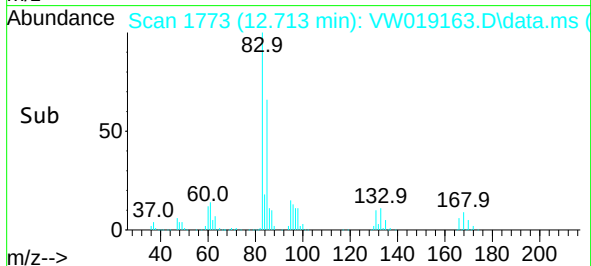
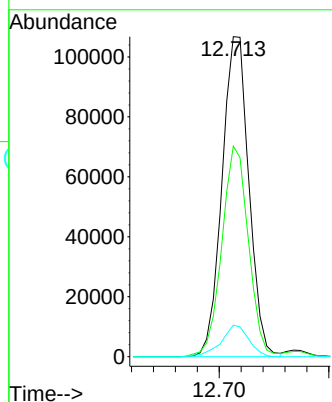


#57
1,1,2,2-Tetrachloroethane
Concen: 26.288 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

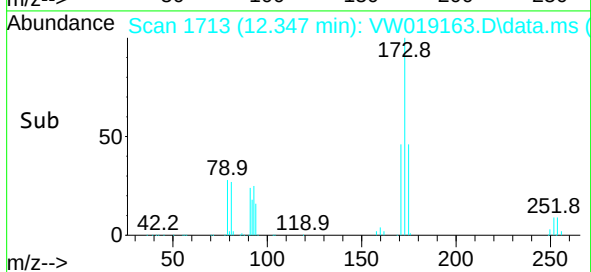
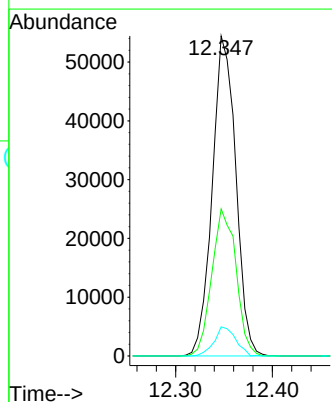
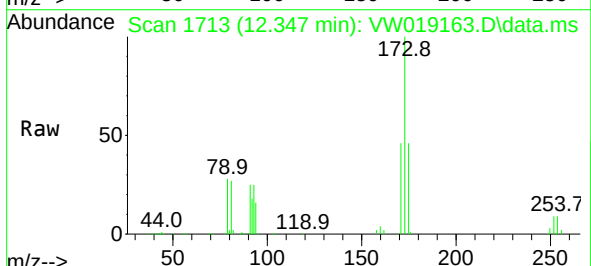


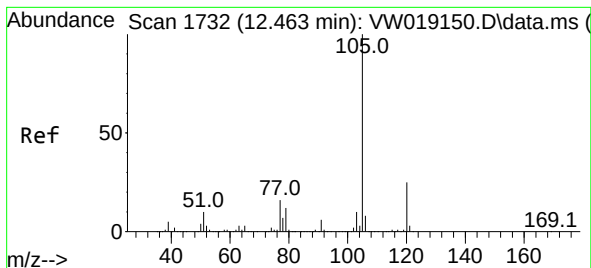
Tgt Ion: 83 Resp: 181784
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.4
131 9.9 8.2 12.4



#59
Bromoform
Concen: 25.413 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 173 Resp: 91992
Ion Ratio Lower Upper
173 100
175 47.3 37.5 56.3
254 8.3 7.0 10.4

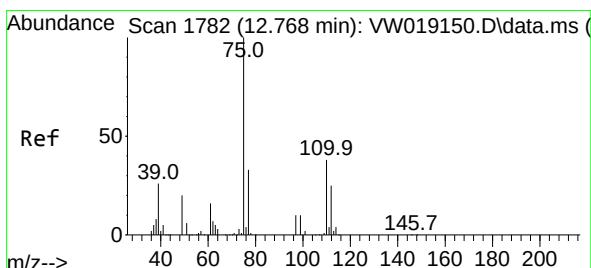
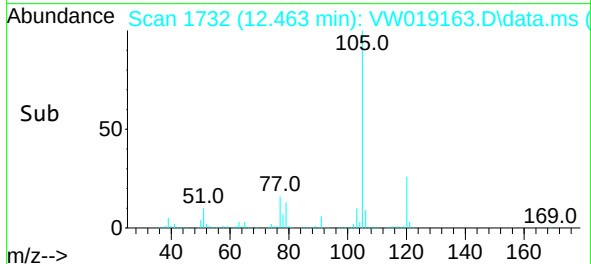
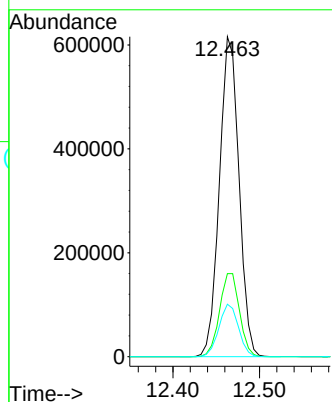
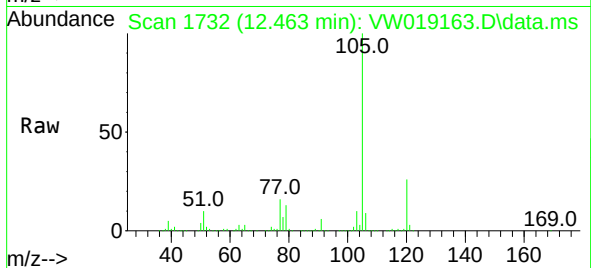




#60
Isopropylbenzene
Concen: 27.452 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

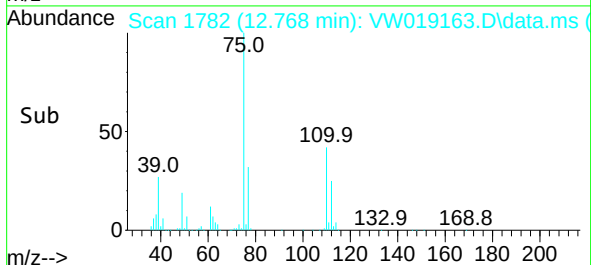
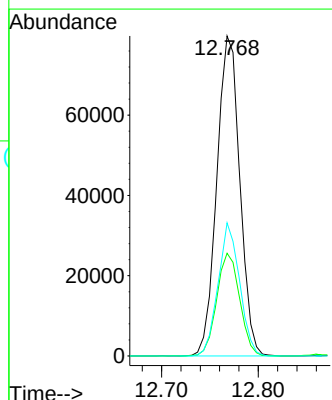
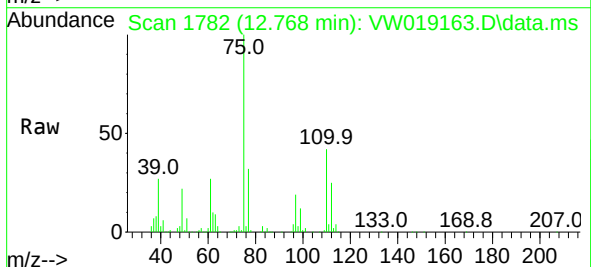
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

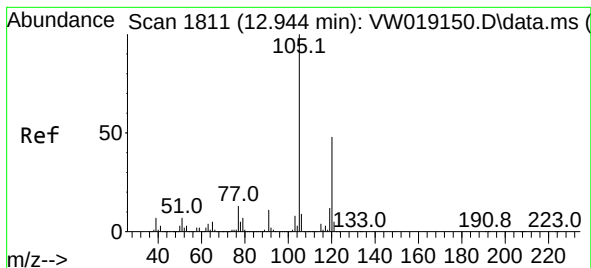
Tgt Ion:105 Resp: 965693
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.026 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion: 75 Resp: 131556
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.9 32.6 48.8

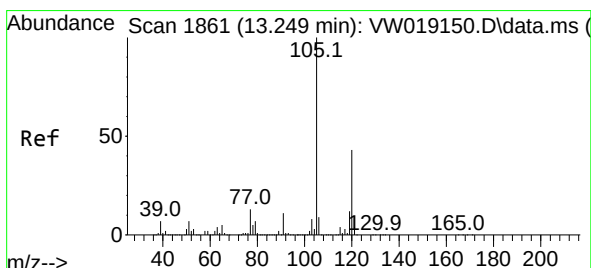
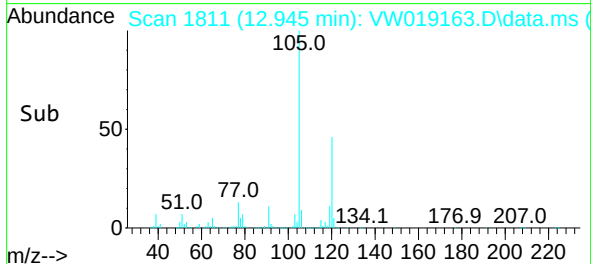
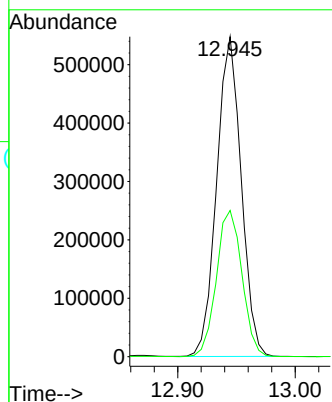
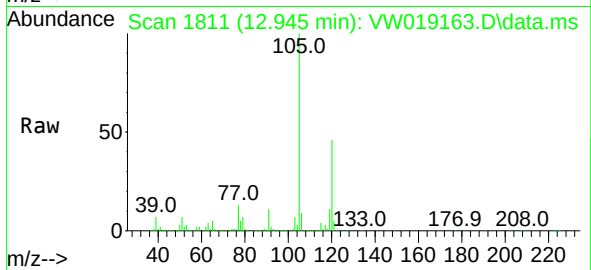




#62
1,3,5-Trimethylbenzene
Concen: 27.510 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

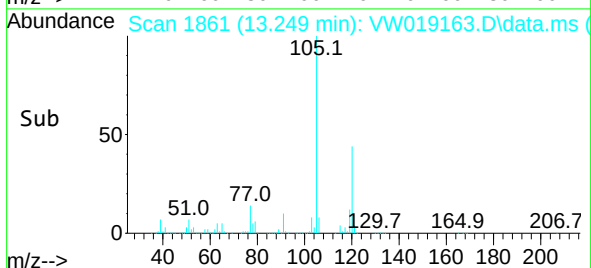
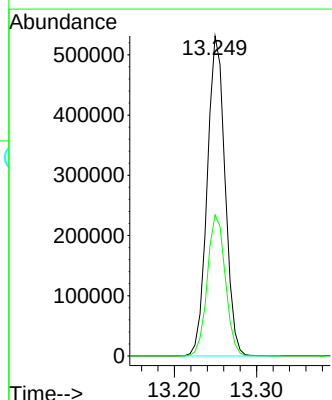
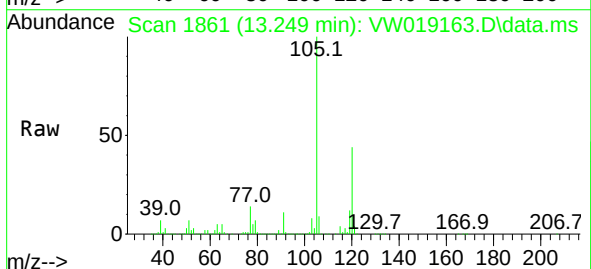
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

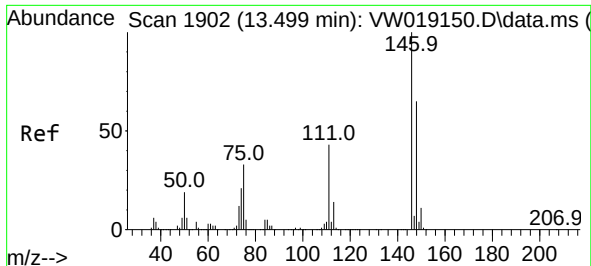
Tgt Ion:105 Resp: 794823
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.684 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:105 Resp: 798449
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

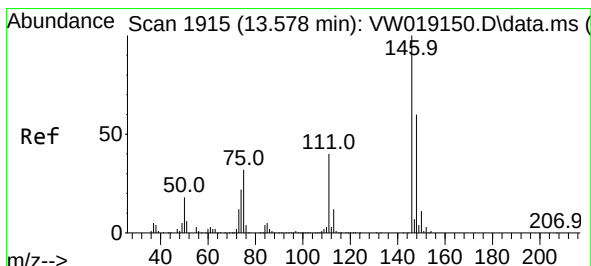
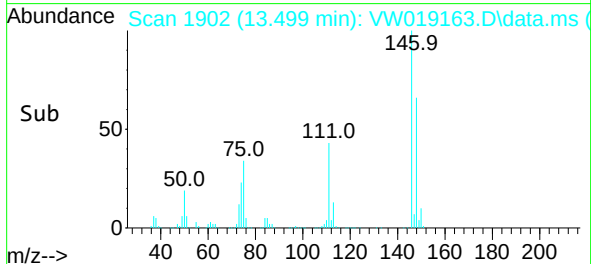
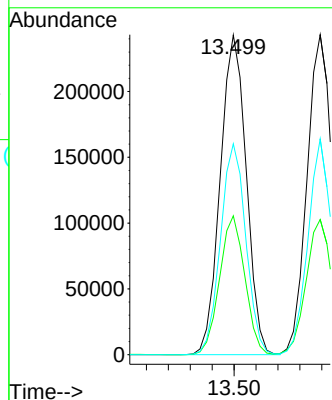
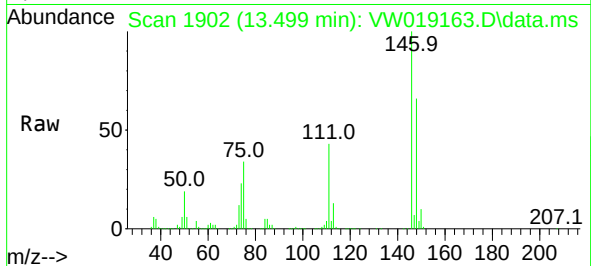




#64
1,3-Dichlorobenzene
Concen: 26.082 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

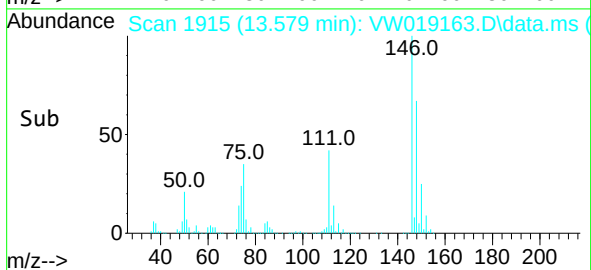
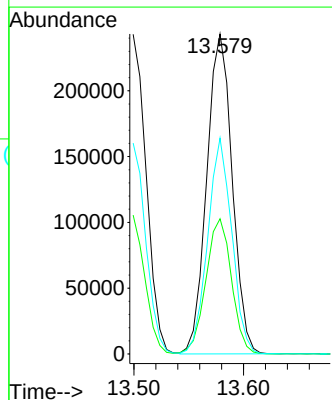
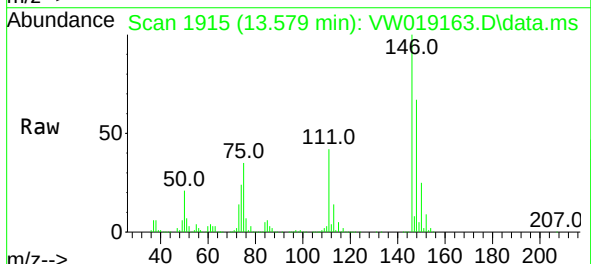
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

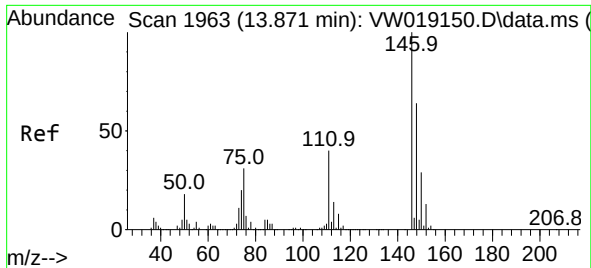
Tgt Ion:146 Resp: 400440
Ion Ratio Lower Upper
146 100
111 43.5 26.7 49.7
148 66.0 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.002 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:146 Resp: 392502
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.4
148 67.4 46.8 87.0

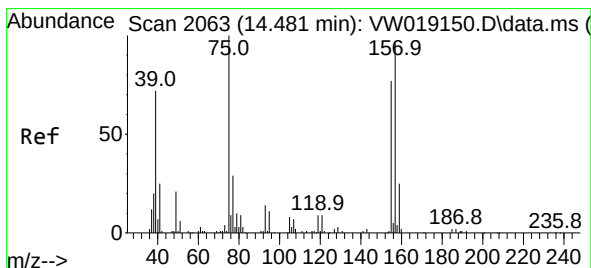
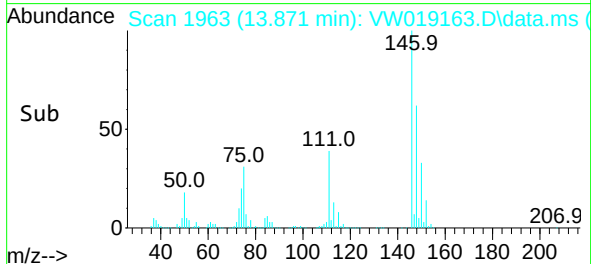
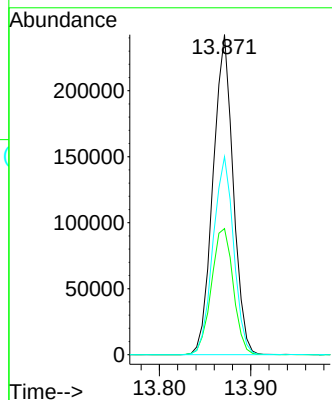
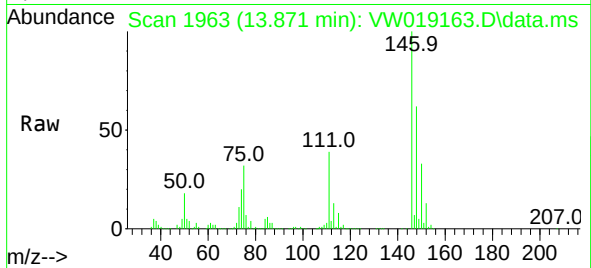




#67
1,2-Dichlorobenzene
Concen: 26.788 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

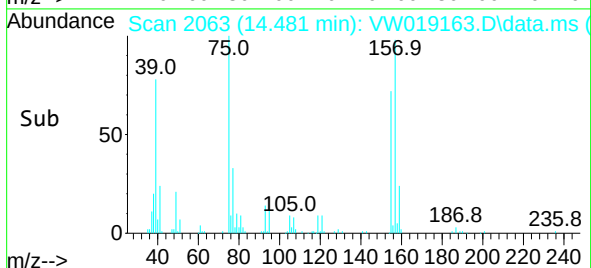
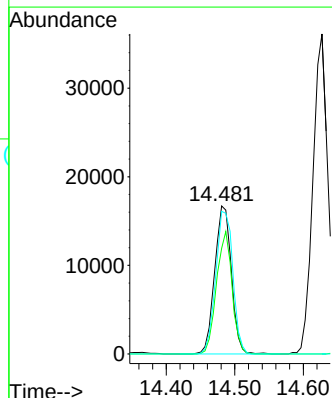
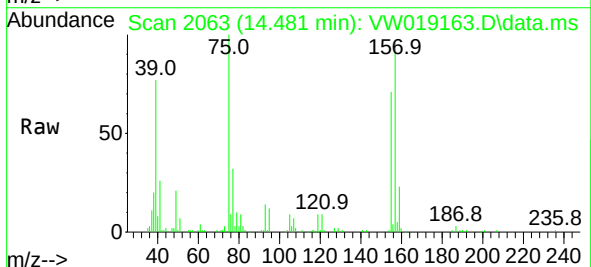
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

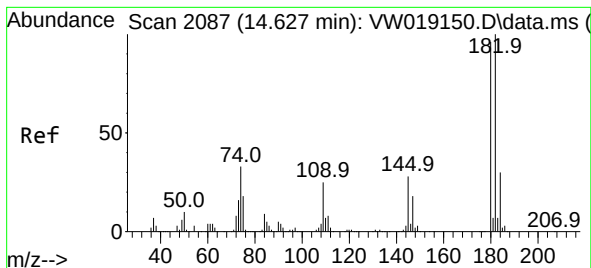
Tgt Ion:146 Resp: 370156
Ion Ratio Lower Upper
146 100
111 39.4 33.2 49.8
148 61.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.457 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

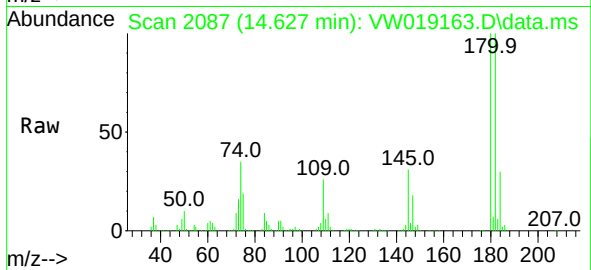
Tgt Ion: 75 Resp: 28143
Ion Ratio Lower Upper
75 100
155 71.3 59.4 89.0
157 96.3 72.2 108.2



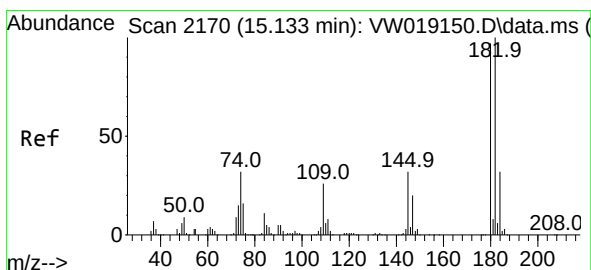
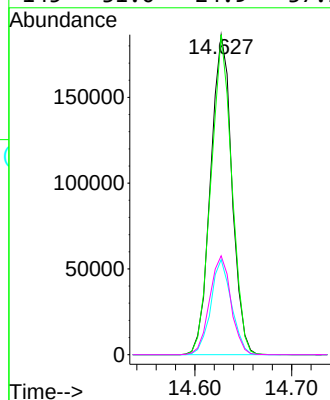
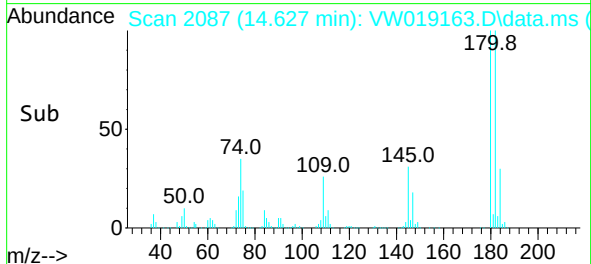


#69
1,3,5-Trichlorobenzene
Concen: 25.627 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

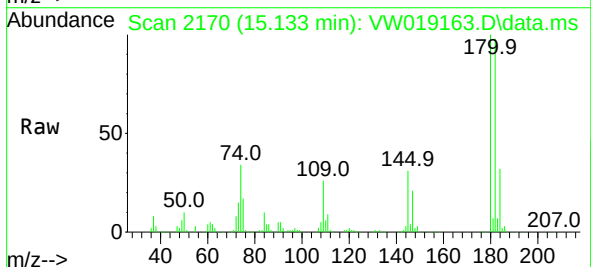
Instrument :
MSVOA_W
ClientSampleId :
VSTD025130



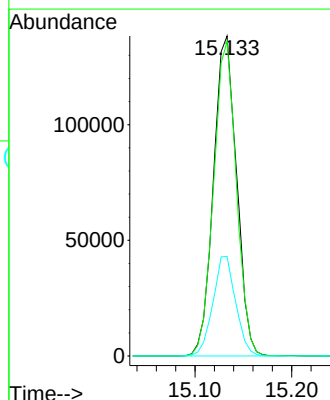
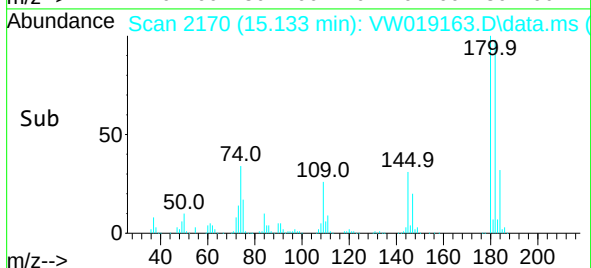
Tgt Ion:180 Resp: 284274
Ion Ratio Lower Upper
180 100
182 97.6 73.4 110.2
184 28.8 23.6 35.4
145 31.0 24.9 37.3

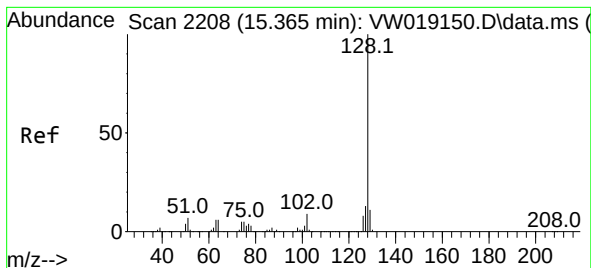


#70
1,2,4-trichlorobenzene
Concen: 25.247 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30



Tgt Ion:180 Resp: 229851
Ion Ratio Lower Upper
180 100
182 96.5 74.7 112.1
145 30.7 25.0 37.4

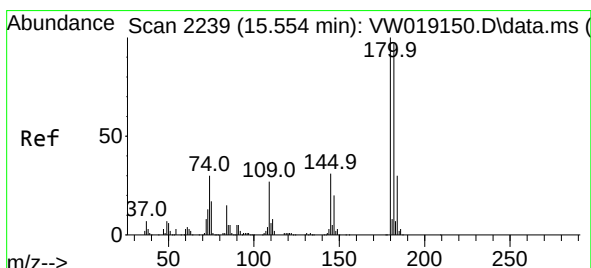
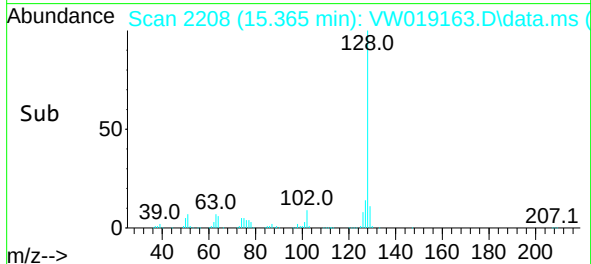
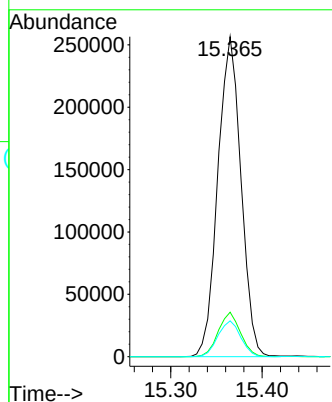
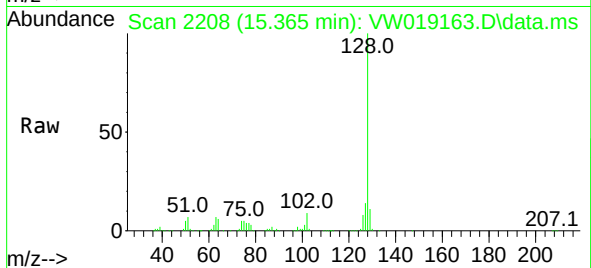




#71
Naphthalene
Concen: 24.912 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD025130

Tgt Ion:128 Resp: 452194
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.748 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019163.D
Acq: 09 Jun 2021 12:30

Tgt Ion:180 Resp: 207688
Ion Ratio Lower Upper
180 100
182 92.8 76.7 115.1
145 32.8 28.9 43.3

