

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072621\
 Data File : VW019610.D
 Acq On : 26 Jul 2021 21:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Jul 27 01:13:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 27 01:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	372709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	194840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	112557	20.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.440%
7) Chloroethane-d5	2.898	69	89972	23.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	4.032	63	225919	21.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.760%
21) 2-Butanone-d5	7.080	46	84088	53.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.100%
24) Chloroform-d	7.653	84	258408	24.265	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.311	65	142350	24.358	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.440%
32) Benzene-d6	8.275	84	494306	22.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.274	67	158419	22.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.323	98	441858	22.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.579	79	65732	22.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.927	63	67813	52.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	144923	25.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	157277	22.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	104754	22.817	ug/L	97
3) Chloromethane	2.221	50	105424	22.377	ug/L	100
5) Vinyl chloride	2.373	62	154116	23.768	ug/L	96
6) Bromomethane	2.788	94	87657	24.449	ug/L	98
8) Chloroethane	2.934	64	87618	25.387	ug/L	99
9) Trichlorofluoromethane	3.269	101	99419	25.240	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	124900	24.788	ug/L	95
12) 1,1-Dichloroethene	4.050	96	124714	24.786	ug/L	98
13) Acetone	4.123	43	52704	45.128	ug/L	87
14) Carbon disulfide	4.391	76	380237	23.599	ug/L	99
15) Methyl Acetate	4.672	43	66808	25.702	ug/L	99
16) Methylene chloride	4.922	84	152619	19.863	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	135224	24.713	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	187265	24.771	ug/L	96
19) 1,1-Dichloroethane	6.220	63	250147	24.900	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	142995	24.708	ug/L	95
22) 2-Butanone	7.171	43	85035	47.056	ug/L	98
23) Bromochloromethane	7.513	128	67468	25.886	ug/L	98
25) Chloroform	7.683	83	252728	25.432	ug/L	96

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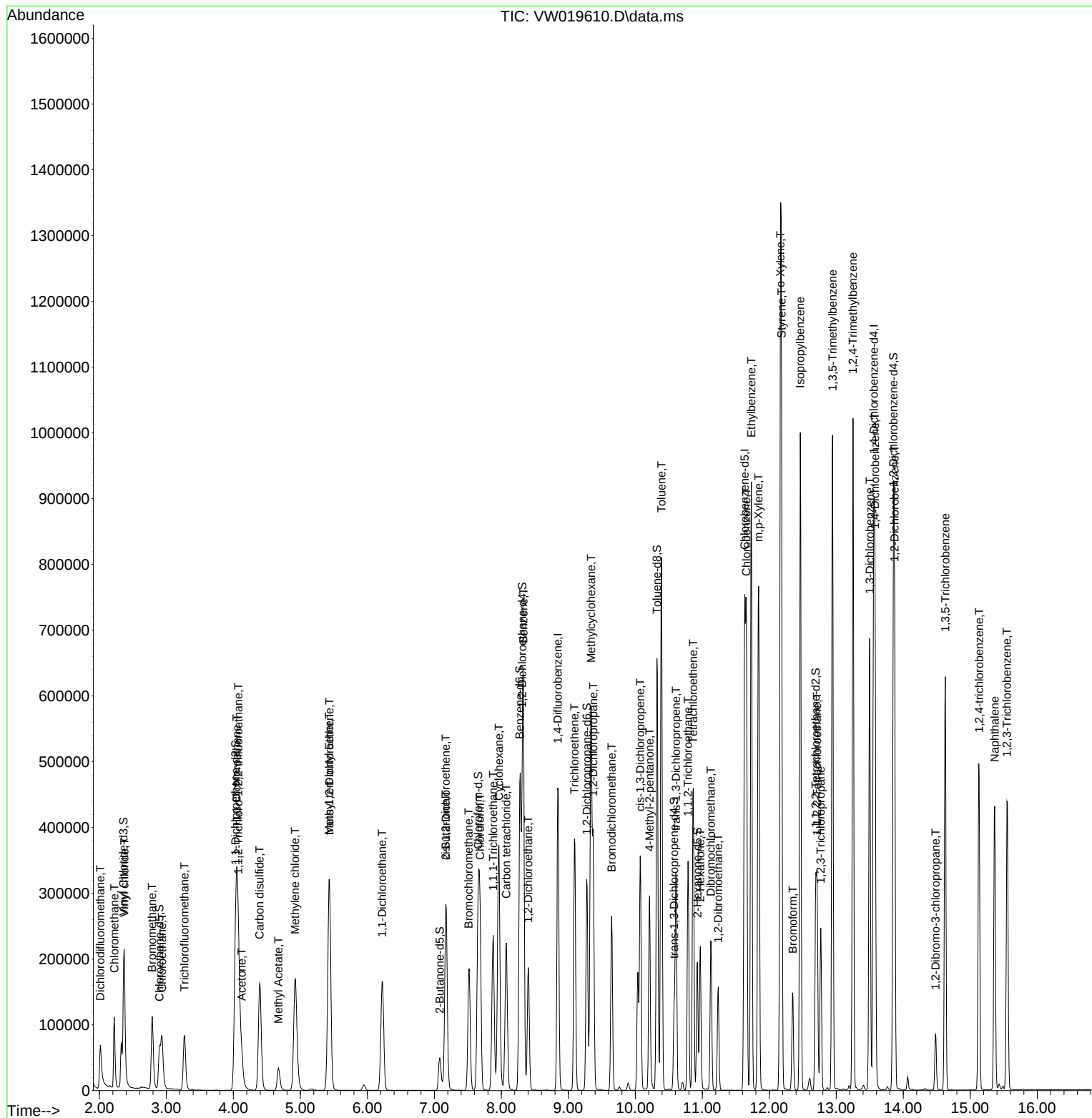
Quant Time: Jul 27 01:13:55 2021
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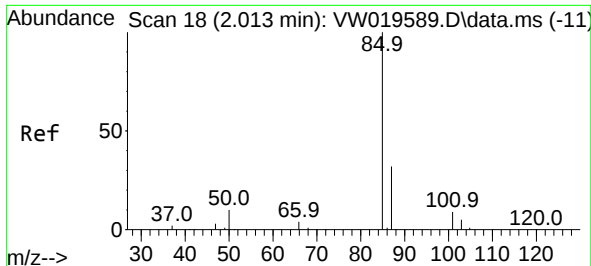
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	172084	25.738	ug/L	97
29) Cyclohexane	7.964	56	216848	22.688	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	192142	24.979	ug/L	99
31) Carbon tetrachloride	8.073	117	173119	24.189	ug/L	98
33) Benzene	8.329	78	571669	24.505	ug/L	100
34) Trichloroethene	9.092	95	141648	23.790	ug/L	95
35) Methylcyclohexane	9.342	83	242376	23.003	ug/L	95
37) 1,2-Dichloropropane	9.372	63	145552	24.620	ug/L	99
38) Bromodichloromethane	9.646	83	181587	24.771	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	216261	23.920	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	188124	50.417	ug/L	96
42) Toluene	10.390	91	604408	24.857	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	191438	24.072	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	108995	24.778	ug/L	96
46) Tetrachloroethene	10.866	164	109616	24.155	ug/L	96
48) 2-Hexanone	10.969	43	133000	52.334	ug/L	96
49) Dibromochloromethane	11.128	129	120816	25.539	ug/L	92
50) 1,2-Dibromoethane	11.238	107	107298	25.431	ug/L #	99
51) Chlorobenzene	11.658	112	375059	24.530	ug/L	97
52) Ethylbenzene	11.731	91	644402	24.344	ug/L	100
53) m,p-Xylene	11.841	106	248955	24.886	ug/L	94
54) o-Xylene	12.164	106	238197	25.197	ug/L	96
55) Styrene	12.182	104	420812	25.691	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	138908	25.642	ug/L	98
59) Bromoform	12.353	173	70354	25.298	ug/L	99
60) Isopropylbenzene	12.463	105	626982	23.944	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104059	24.380	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	531994	24.265	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	540012	24.444	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	272214	22.717	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	284052	23.990	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	265048	24.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23300	25.016	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	199166	22.748	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	160512	21.927	ug/L	98
71) Naphthalene	15.365	128	369267	24.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152190	23.216	ug/L	99

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

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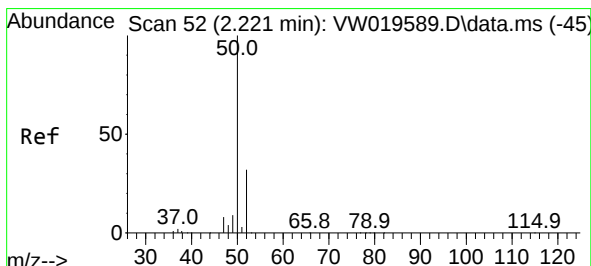
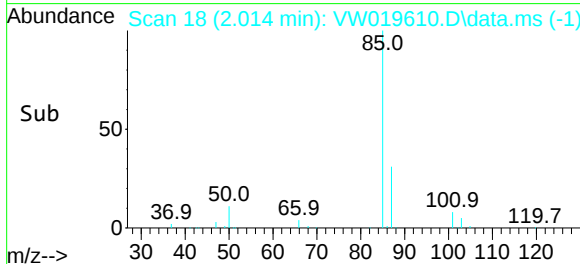
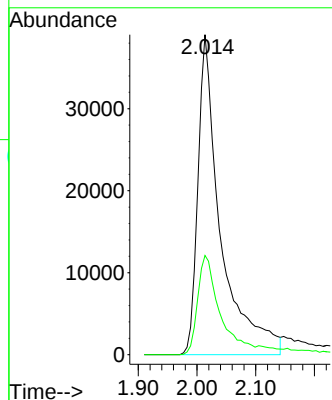
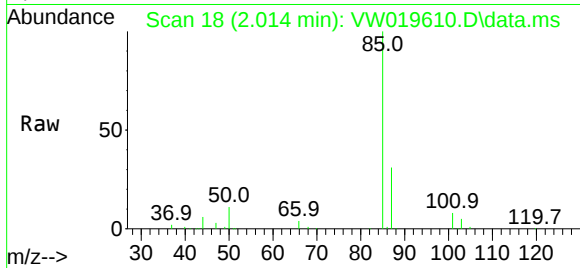




#2
Dichlorodifluoromethane
Concen: 22.817 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

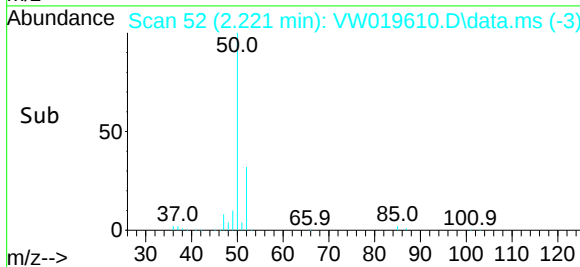
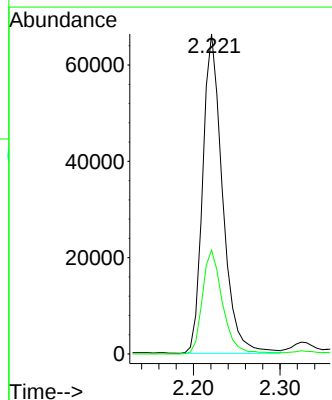
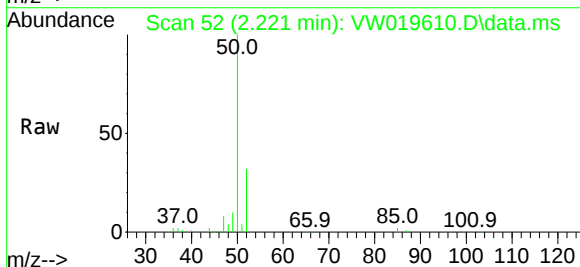
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

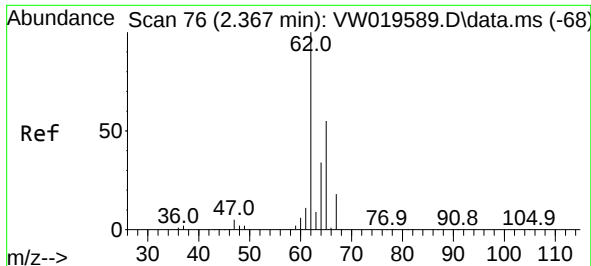
Tgt Ion: 85 Resp: 104754
Ion Ratio Lower Upper
85 100
87 30.5 23.3 34.9



#3
Chloromethane
Concen: 22.377 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 50 Resp: 105424
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.9

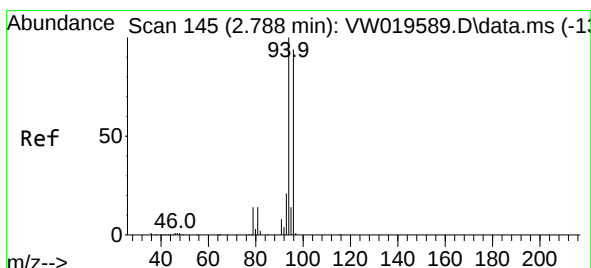
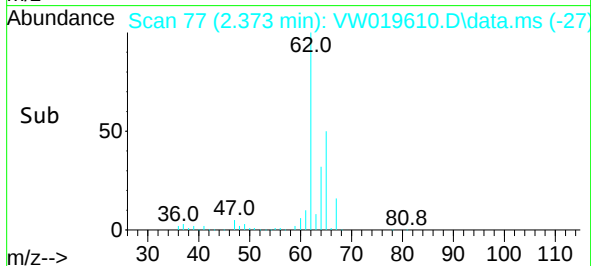
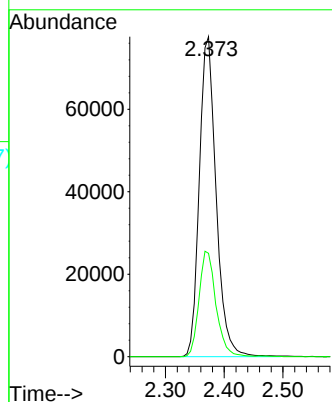
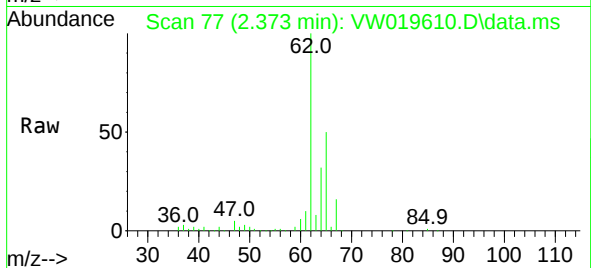




#5
 Vinyl chloride
 Concen: 23.768 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW019610.D
 Acq: 26 Jul 2021 21:07

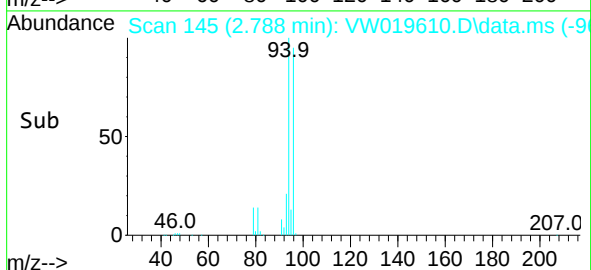
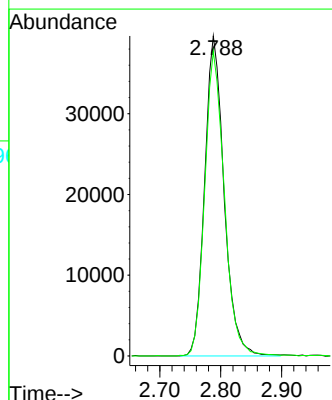
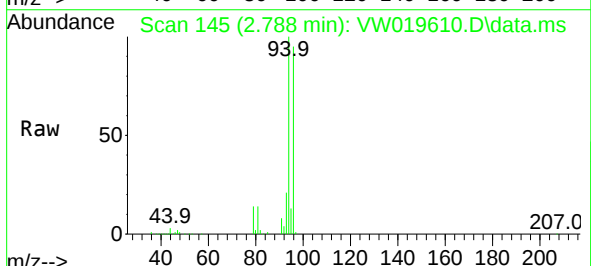
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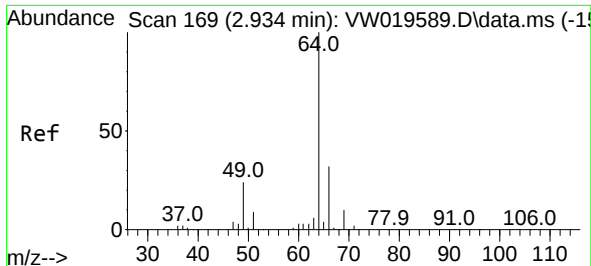
Tgt Ion: 62 Resp: 154116
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.2 45.0



#6
 Bromomethane
 Concen: 24.449 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019610.D
 Acq: 26 Jul 2021 21:07

Tgt Ion: 94 Resp: 87657
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.3 121.3

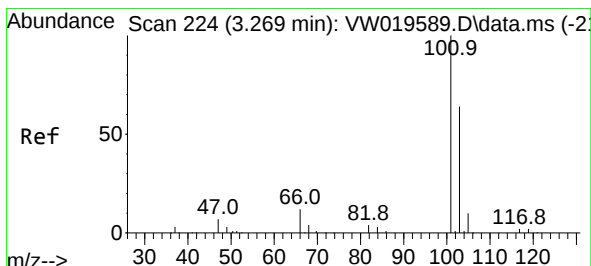
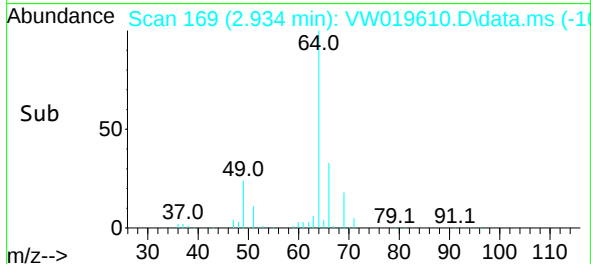
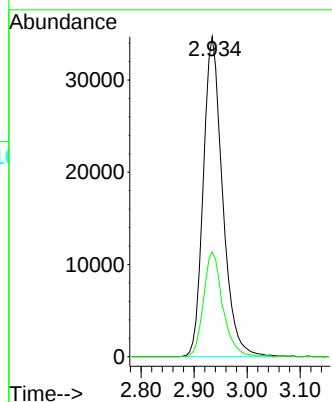
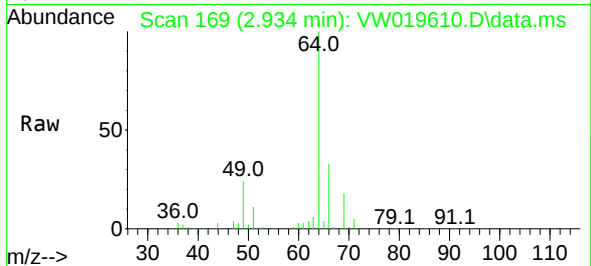




#8
Chloroethane
Concen: 25.387 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

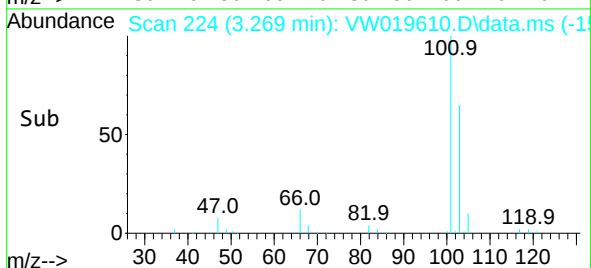
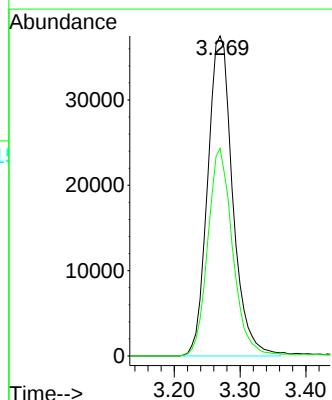
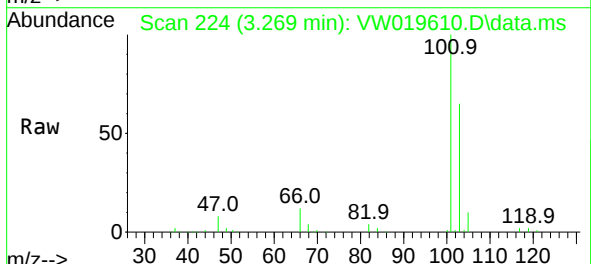
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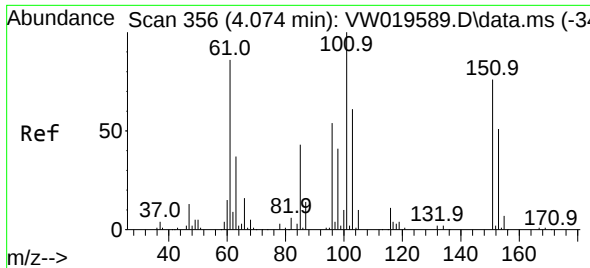
Tgt Ion: 64 Resp: 87618
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.240 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 101 Resp: 99419
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

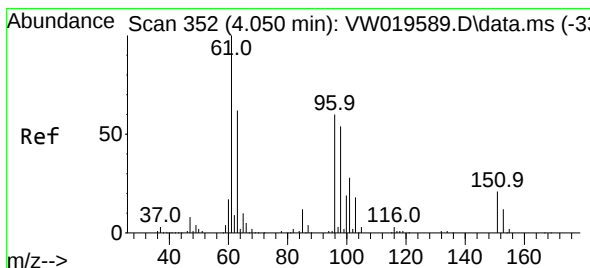
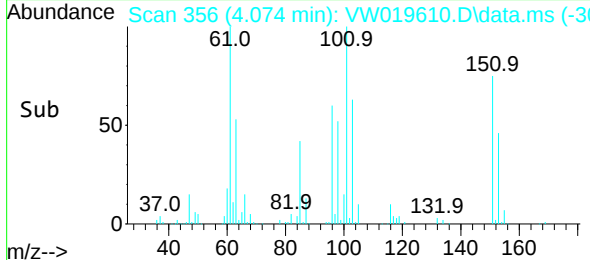
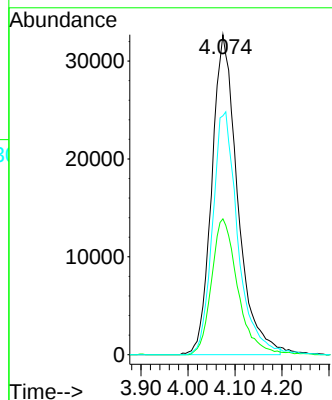
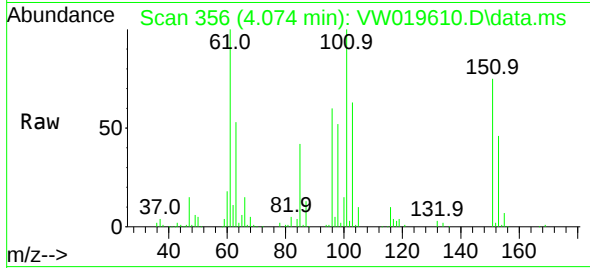




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.788 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW019610.D
 Acq: 26 Jul 2021 21:07

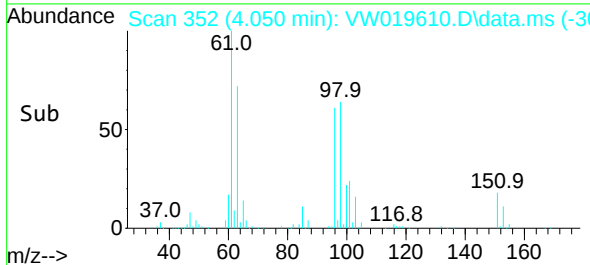
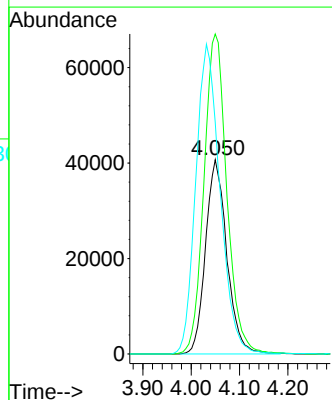
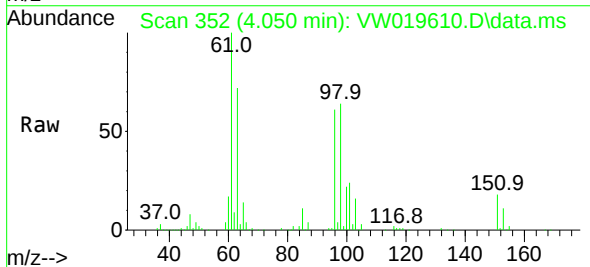
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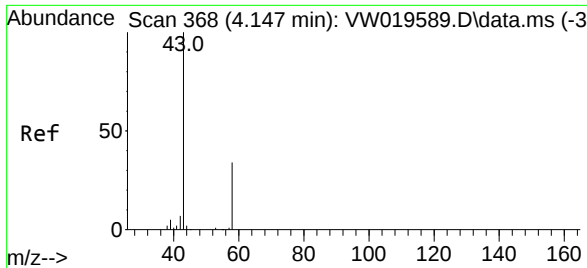
Tgt Ion:101 Resp: 124900
 Ion Ratio Lower Upper
 101 100
 85 43.0 38.2 57.2
 151 74.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.786 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW019610.D
 Acq: 26 Jul 2021 21:07

Tgt Ion: 96 Resp: 124714
 Ion Ratio Lower Upper
 96 100
 61 164.8 118.1 219.3
 63 119.2 83.7 155.5

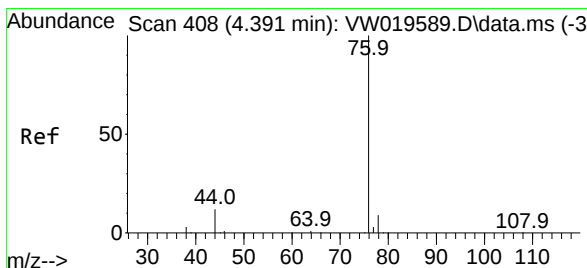
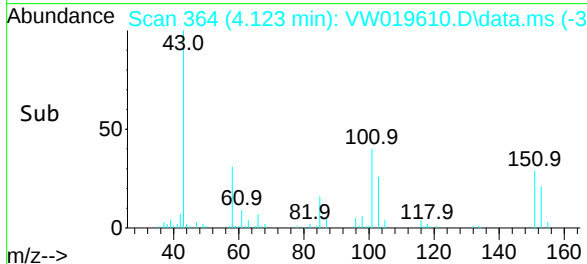
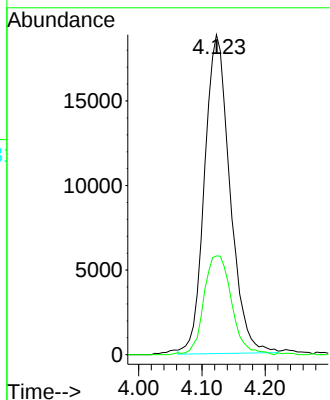
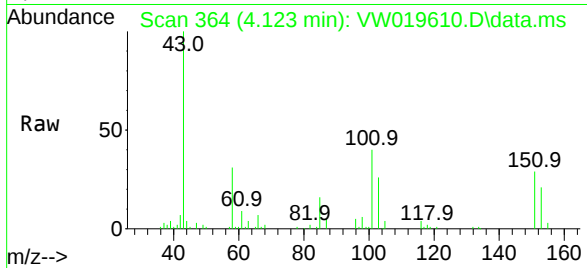




#13
Acetone
Concen: 45.128 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.024 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

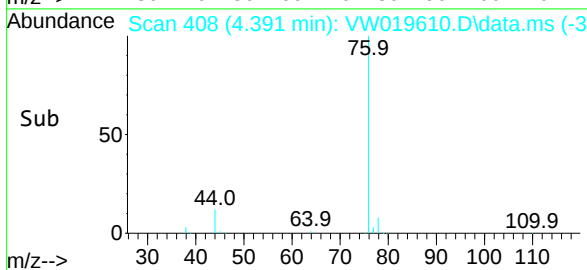
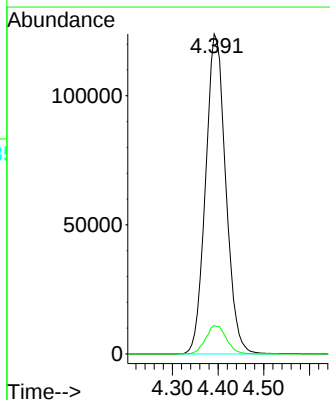
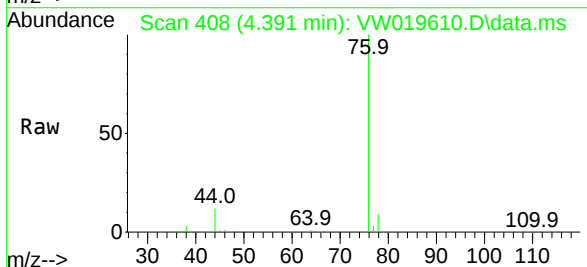
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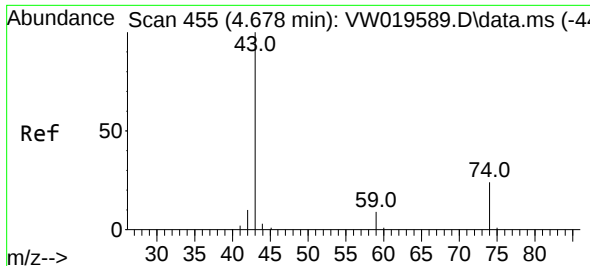
Tgt Ion: 43 Resp: 52704
Ion Ratio Lower Upper
43 100
58 33.5 0.0 53.8



#14
Carbon disulfide
Concen: 23.599 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 76 Resp: 380237
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

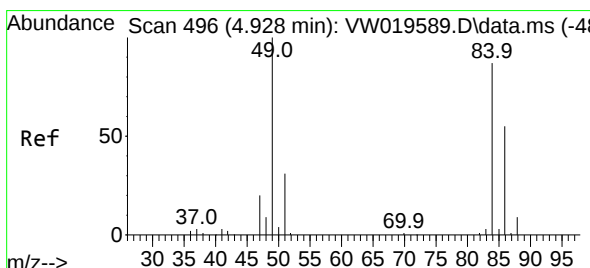
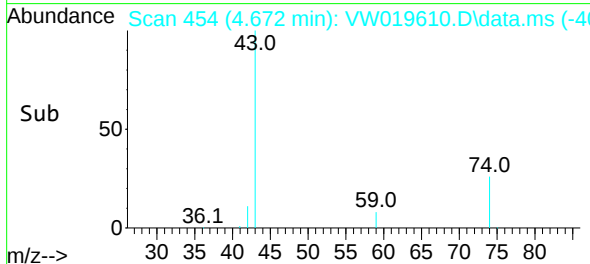
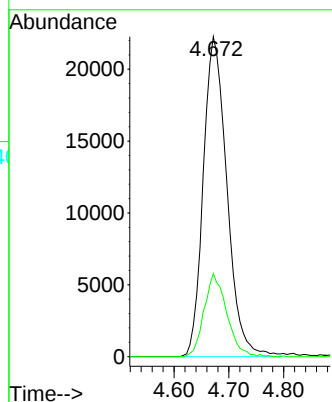
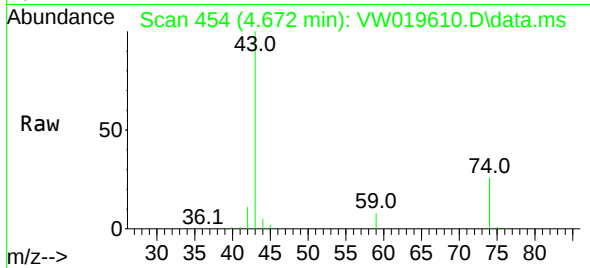




#15
Methyl Acetate
Concen: 25.702 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

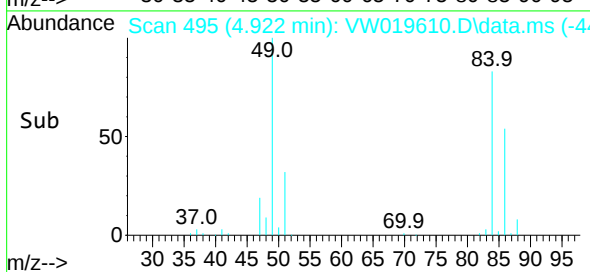
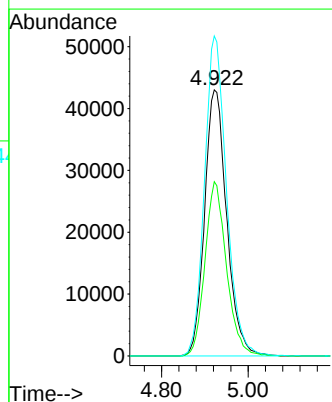
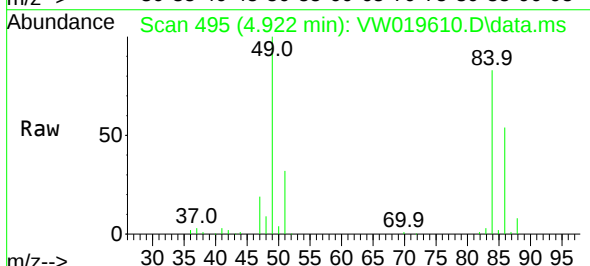
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

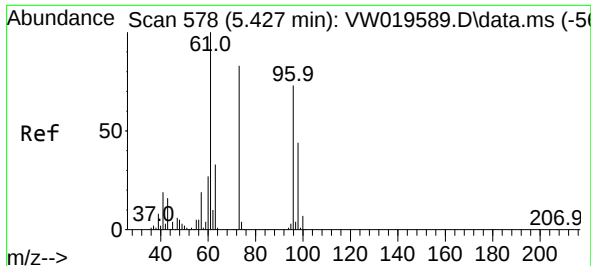
Tgt Ion: 43 Resp: 66808
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 19.863 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

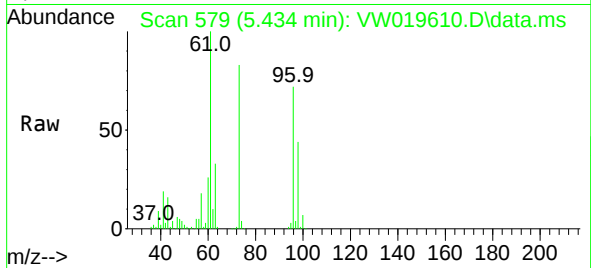
Tgt Ion: 84 Resp: 152619
Ion Ratio Lower Upper
84 100
86 65.5 45.3 84.1
49 120.3 86.6 160.8



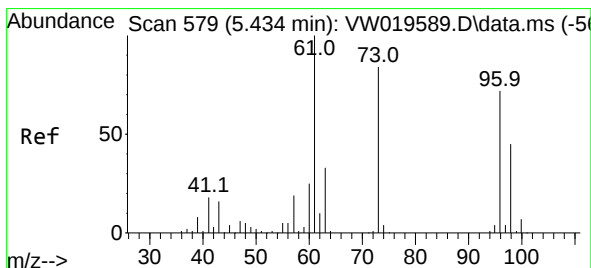
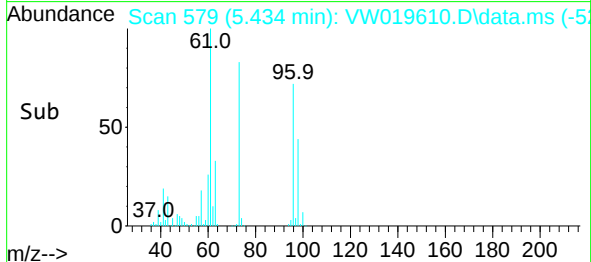
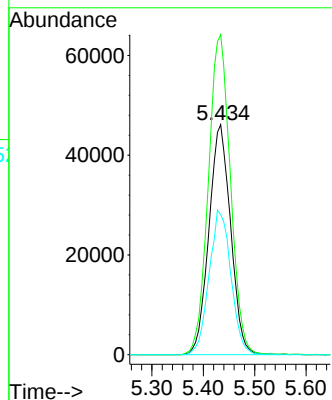


#17
trans-1,2-Dichloroethene
Concen: 24.713 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

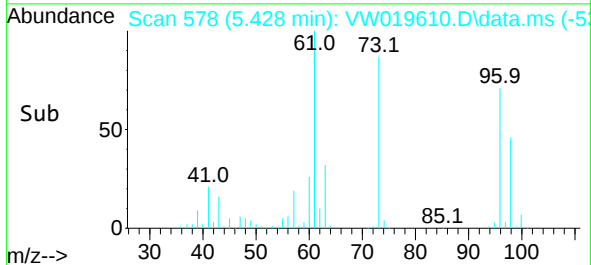
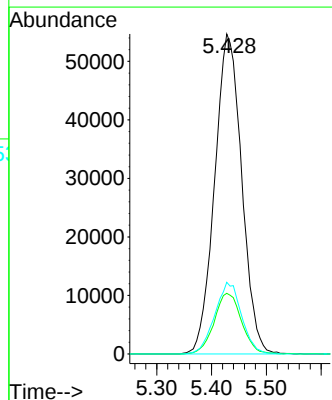
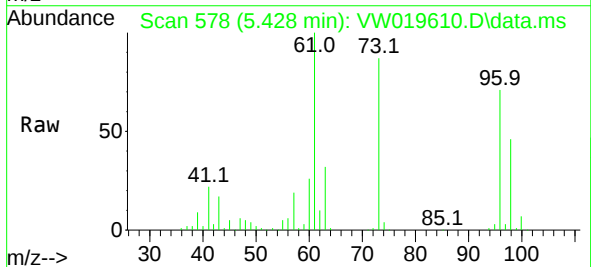


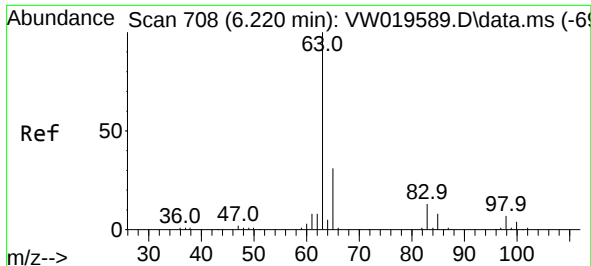
Tgt Ion: 96 Resp: 135224
Ion Ratio Lower Upper
96 100
61 139.1 98.3 182.7
98 60.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.771 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 73 Resp: 187265
Ion Ratio Lower Upper
73 100
43 19.2 17.7 26.5
57 22.2 17.0 25.4

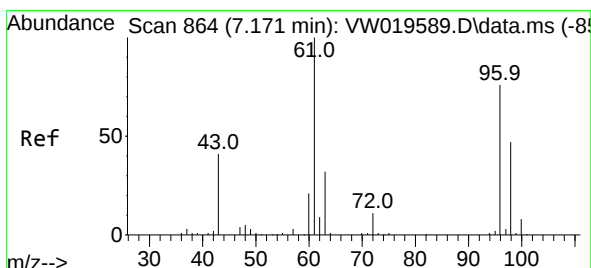
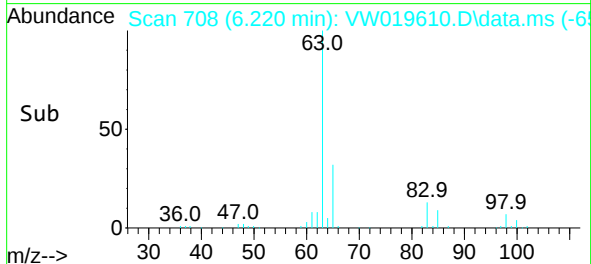
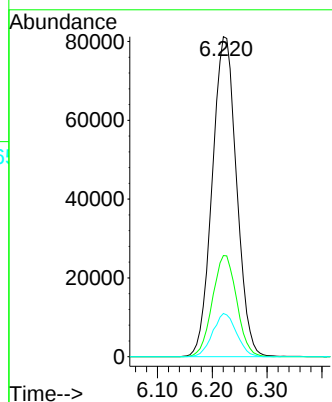
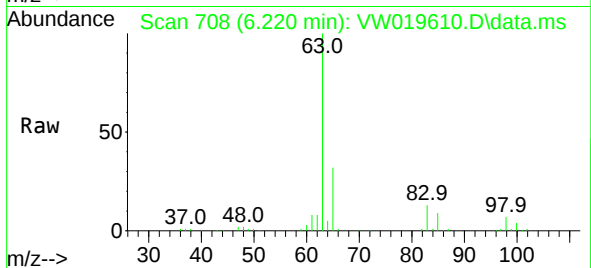




#19
1,1-Dichloroethane
Concen: 24.900 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

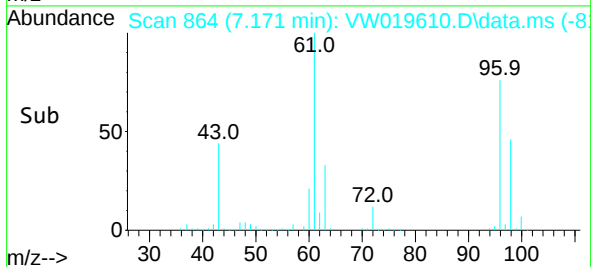
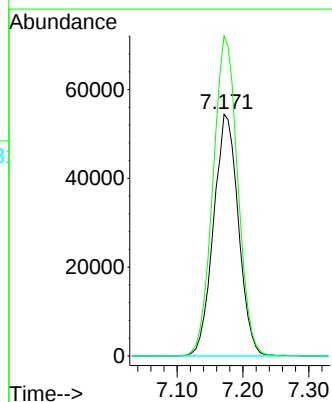
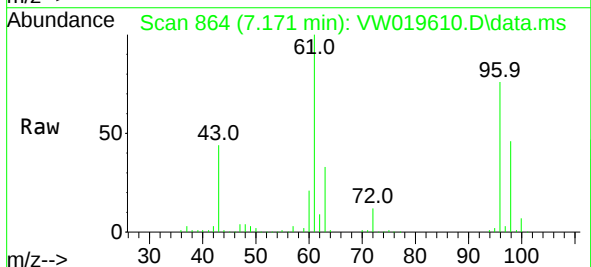
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

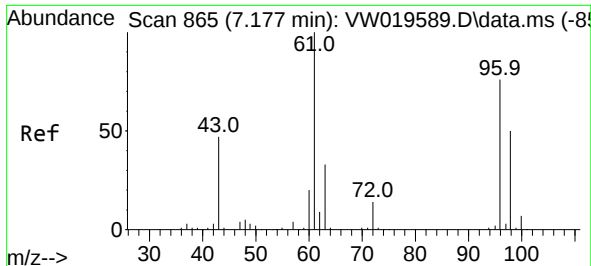
Tgt Ion: 63 Resp: 250147
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 13.5 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 24.708 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 96 Resp: 142995
Ion Ratio Lower Upper
96 100
61 132.3 88.5 164.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 47.056 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

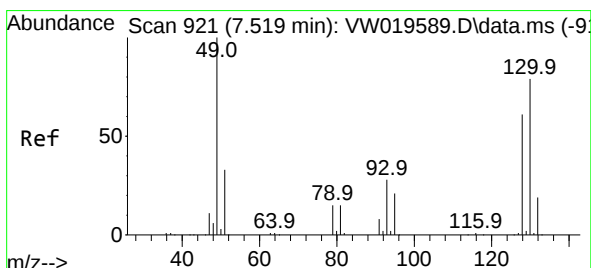
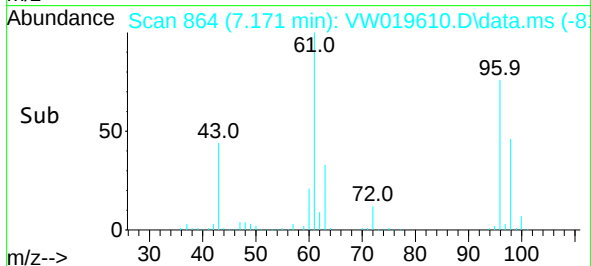
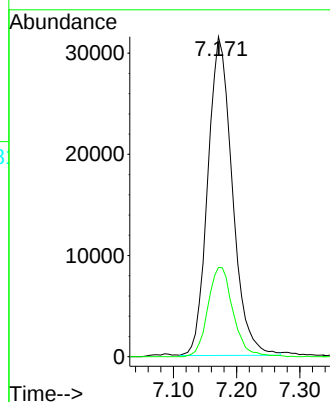
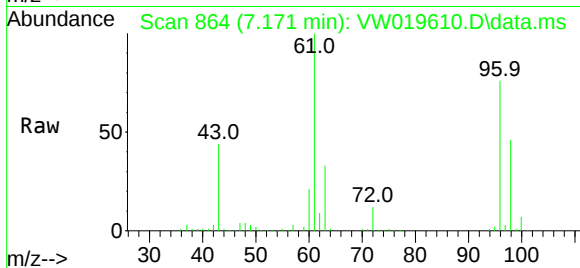
Lab File: VW019610.D

Acq: 26 Jul 2021 21:07

Tgt Ion: 43 Resp: 85035

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.9	44.7



#23

Bromochloromethane

Concen: 25.886 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

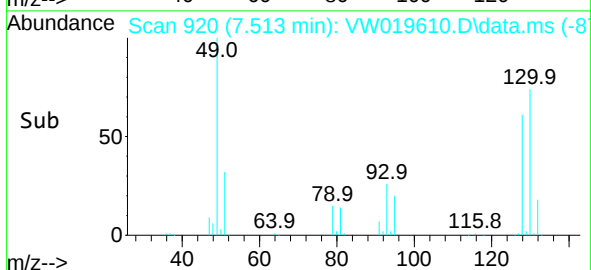
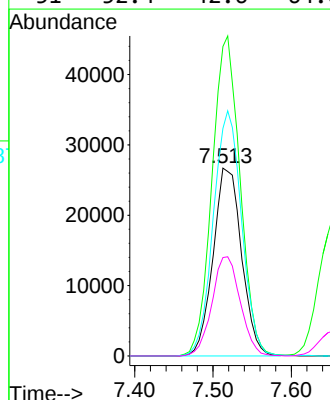
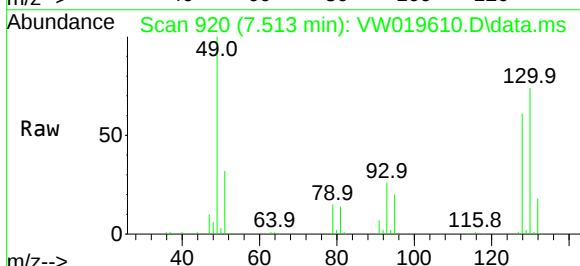
Lab File: VW019610.D

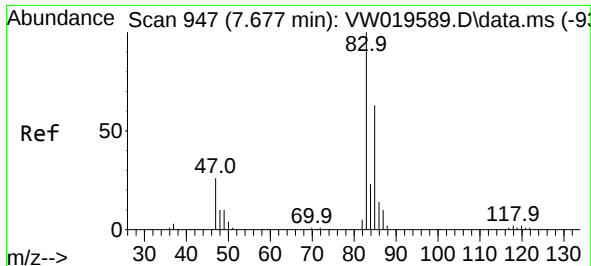
Acq: 26 Jul 2021 21:07

Tgt Ion: 128 Resp: 67468

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
128	100		
49	164.7	116.3	215.9
130	121.1	82.4	153.0
51	52.4	42.6	64.0

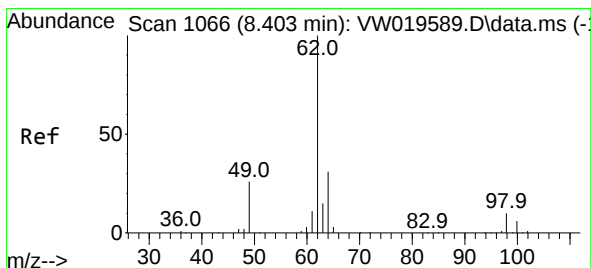
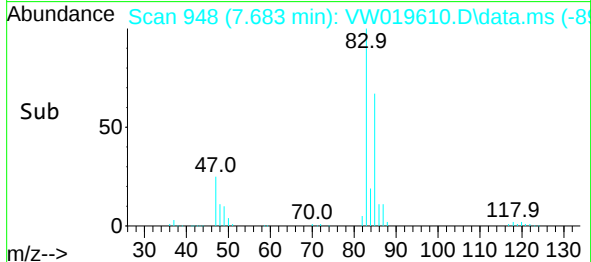
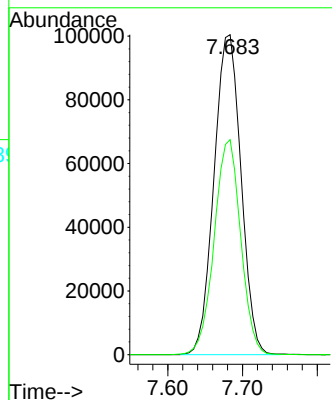
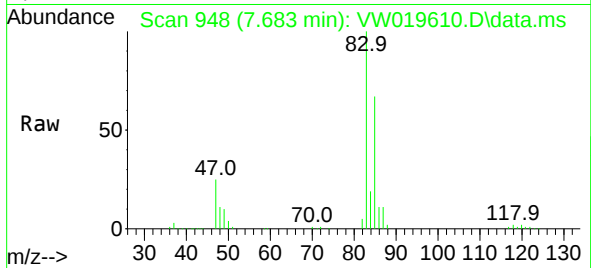




#25
Chloroform
Concen: 25.432 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

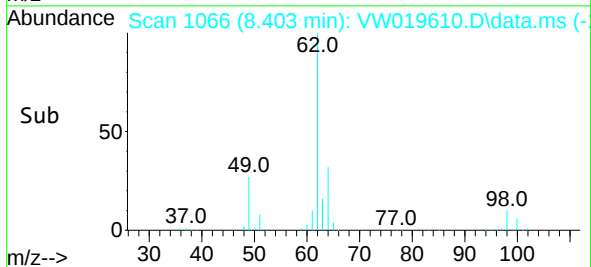
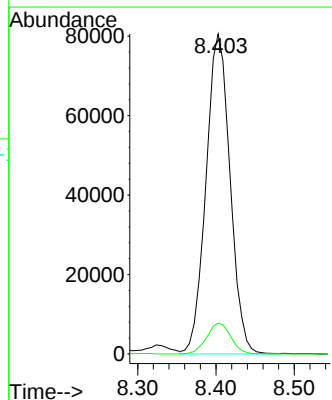
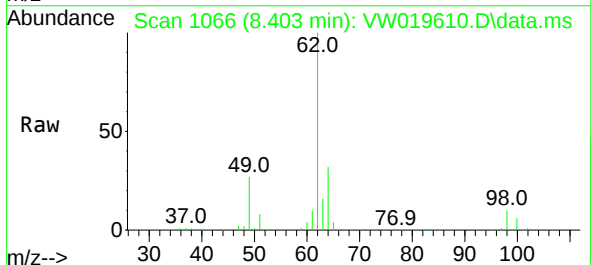
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

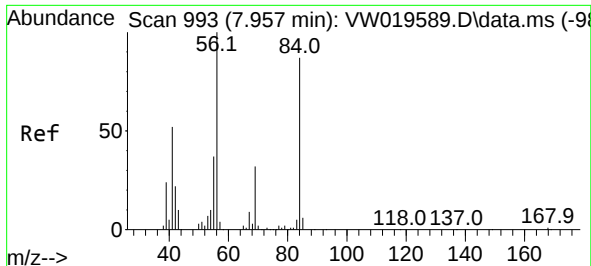
Tgt Ion: 83 Resp: 252728
Ion Ratio Lower Upper
83 100
85 67.2 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.738 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 62 Resp: 172084
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3





#29

Cyclohexane

Concen: 22.688 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW019610.D

Acq: 26 Jul 2021 21:07

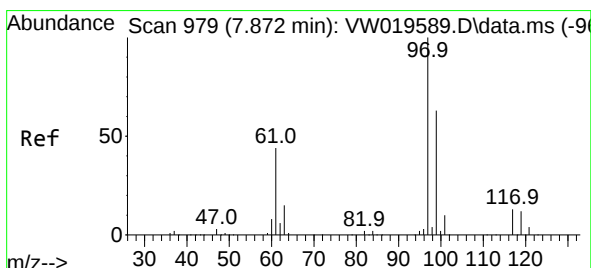
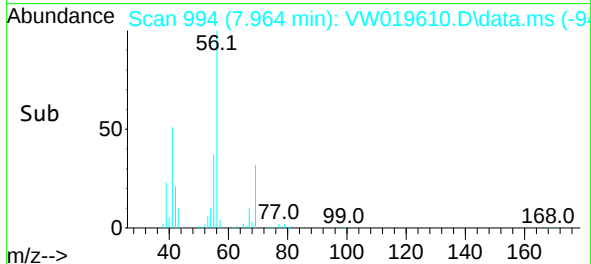
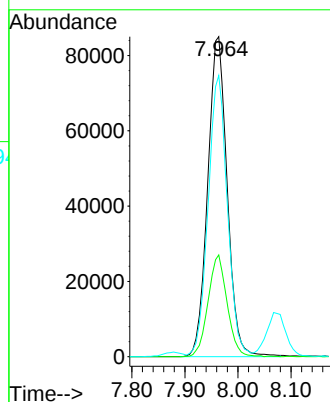
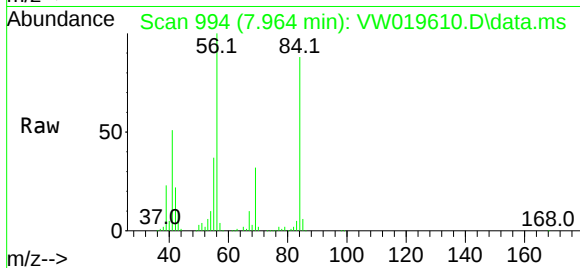
Instrument :

MSVOA_W

ClientSampleId :

VSTD025498

Tgt Ion:	56	Resp:	216848
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	86.9	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 24.979 ug/L

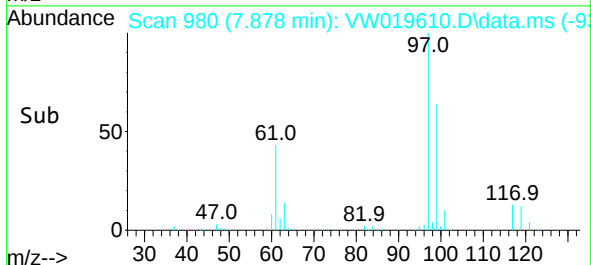
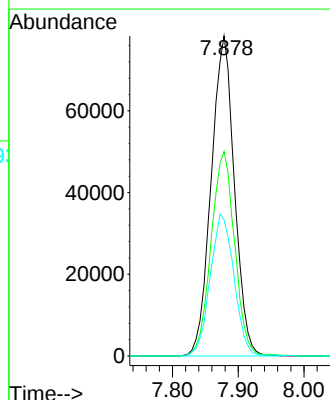
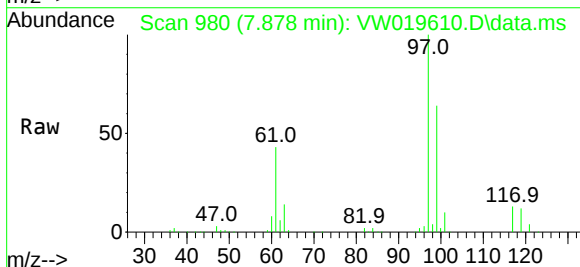
RT: 7.878 min Scan# 980

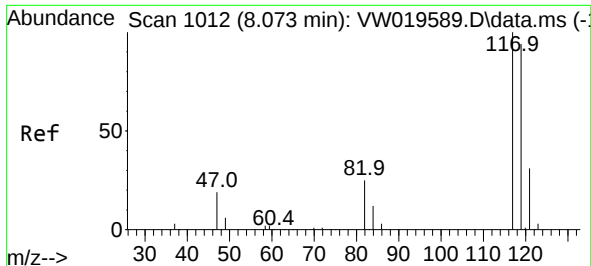
Delta R.T. 0.006 min

Lab File: VW019610.D

Acq: 26 Jul 2021 21:07

Tgt Ion:	97	Resp:	192142
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	45.4	37.8	56.6

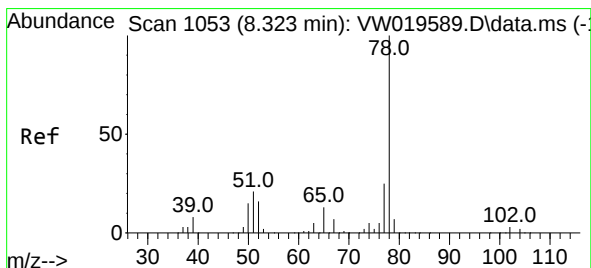
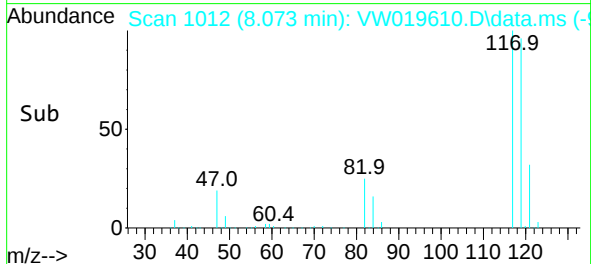
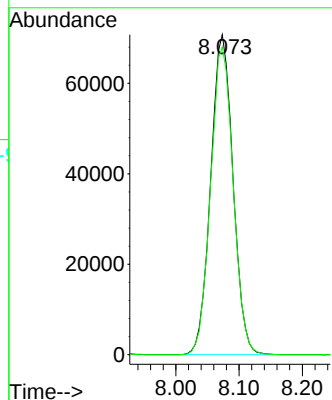
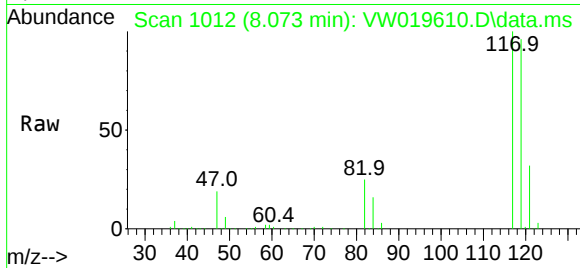




#31
Carbon tetrachloride
Concen: 24.189 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

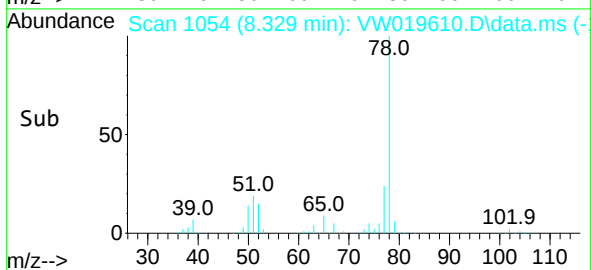
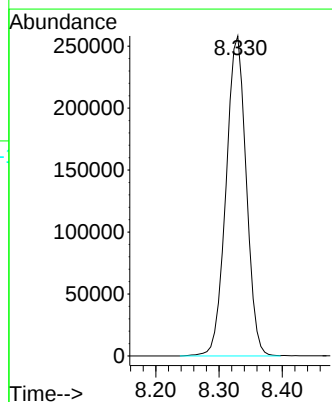
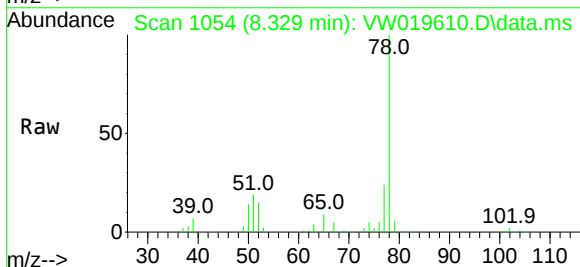
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

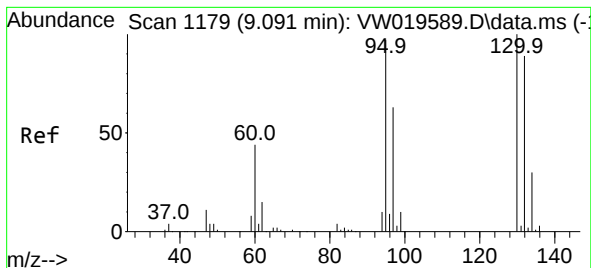
Tgt Ion:117 Resp: 173119
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7



#33
Benzene
Concen: 24.505 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 78 Resp: 571669



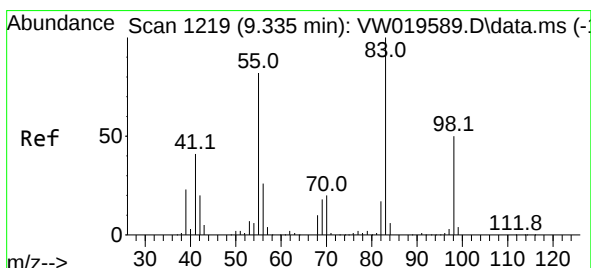
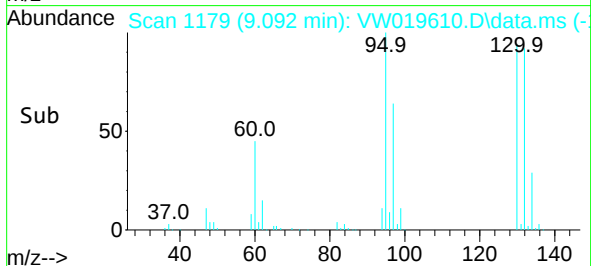
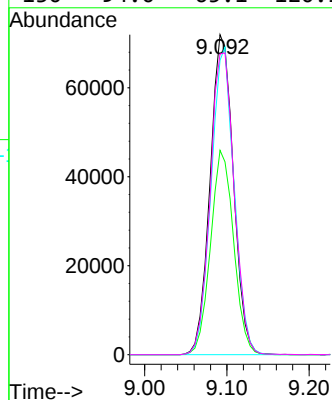
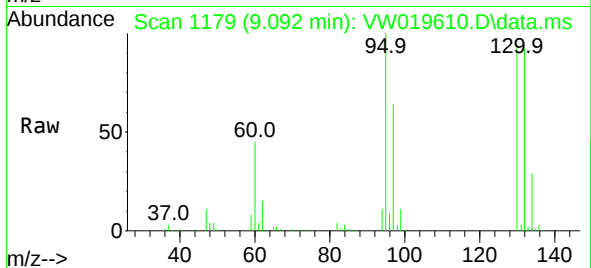


#34
Trichloroethene
Concen: 23.790 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

Tgt Ion: 95 Resp: 141648

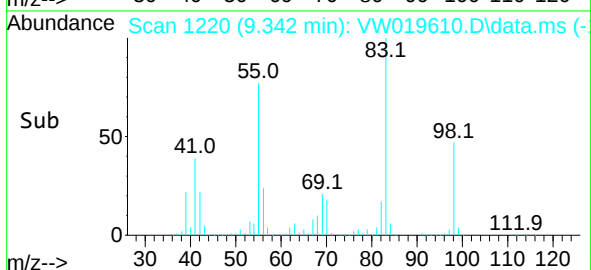
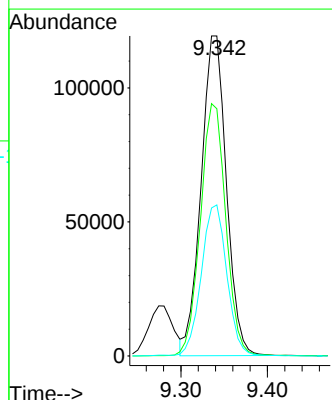
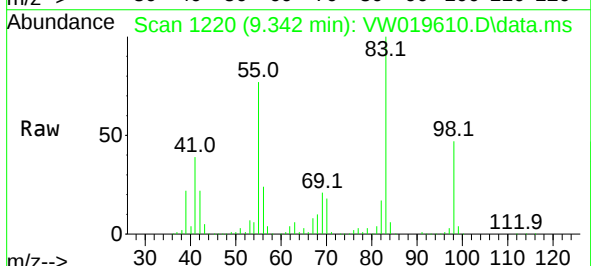
Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.3	87.8
132	92.0	71.0	131.8
130	94.0	65.1	120.9

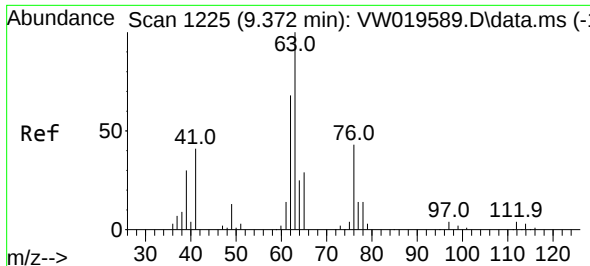


#35
Methylcyclohexane
Concen: 23.003 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 83 Resp: 242376

Ion	Ratio	Lower	Upper
83	100		
55	78.8	58.9	88.3
98	47.5	40.1	60.1

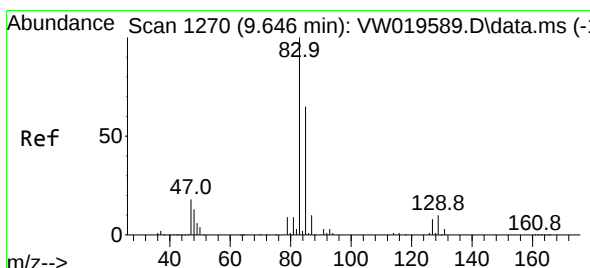
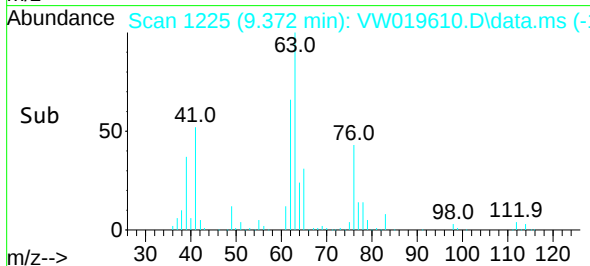
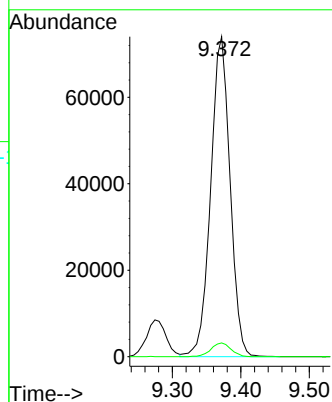
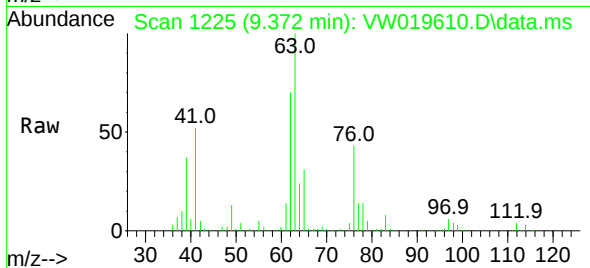




#37
1,2-Dichloropropane
Concen: 24.620 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

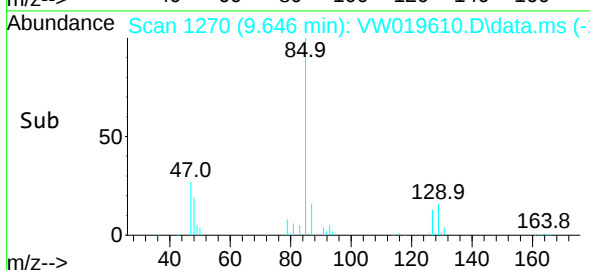
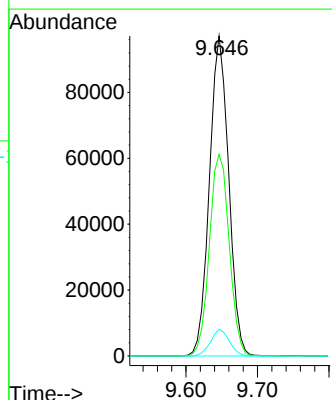
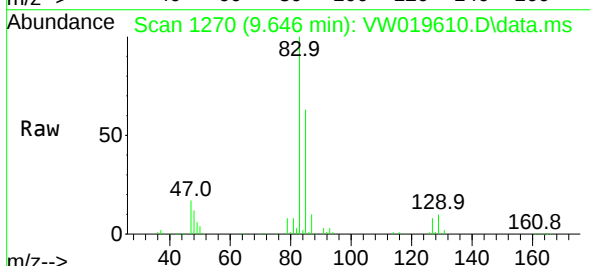
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

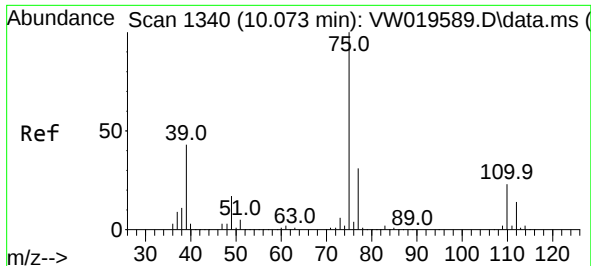
Tgt Ion: 63 Resp: 145552
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 24.771 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 83 Resp: 181587
Ion Ratio Lower Upper
83 100
85 63.0 42.3 78.5
127 8.4 6.6 9.8

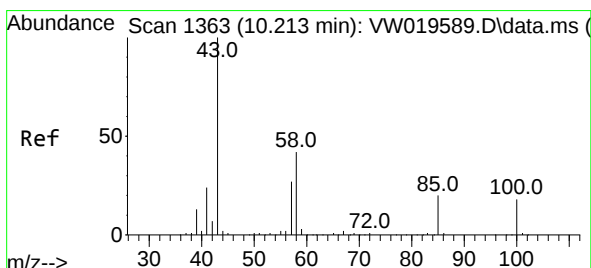
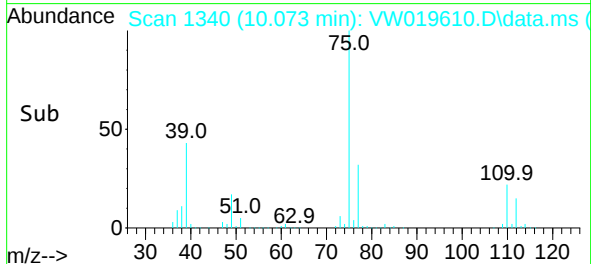
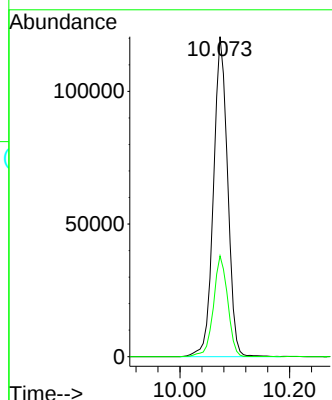
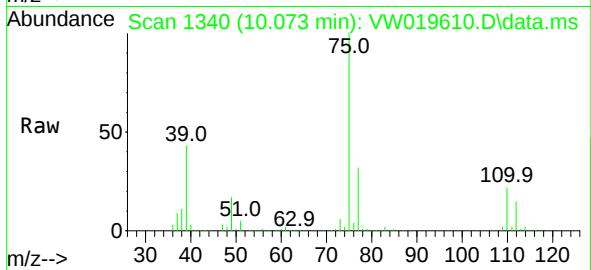




#39
cis-1,3-Dichloropropene
Concen: 23.920 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

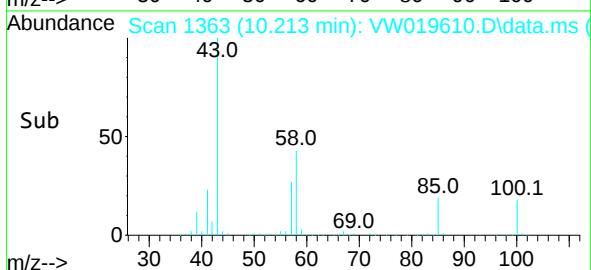
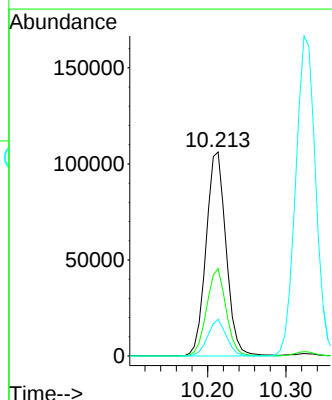
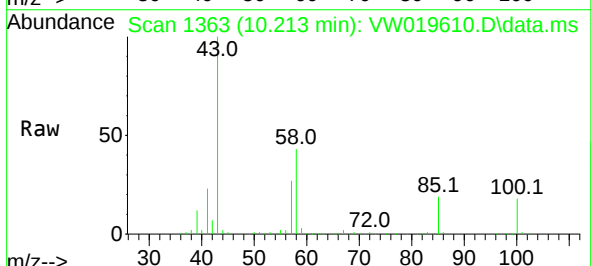
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

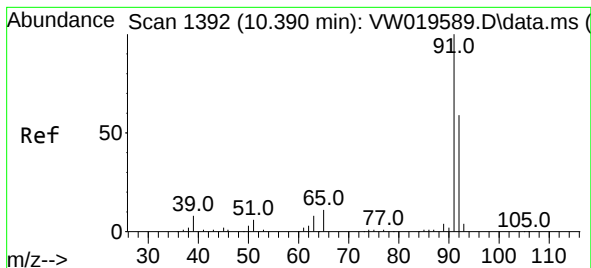
Tgt Ion: 75 Resp: 216261
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 50.417 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 43 Resp: 188124
Ion Ratio Lower Upper
43 100
58 41.7 31.0 46.4
100 16.7 13.0 19.6





#42

Toluene

Concen: 24.857 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019610.D

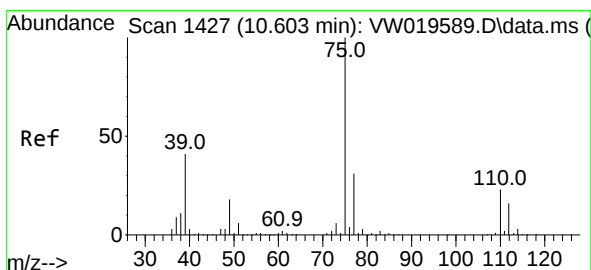
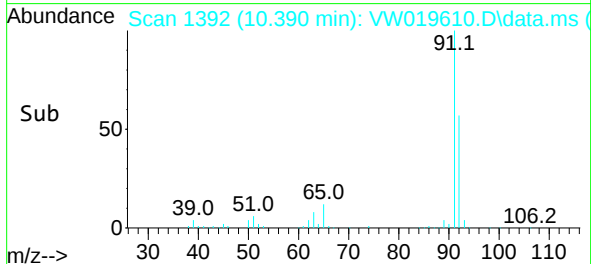
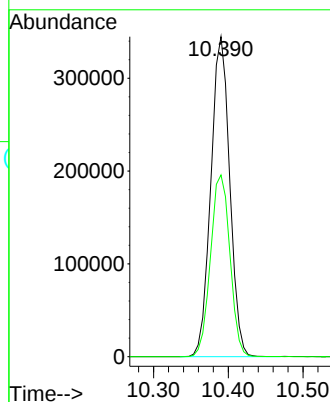
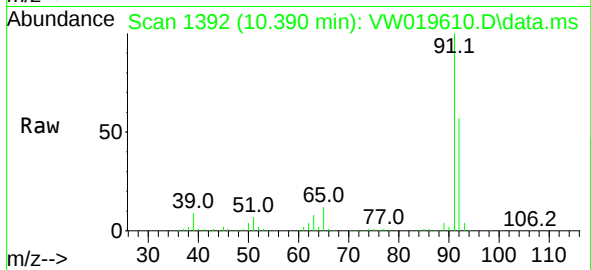
Acq: 26 Jul 2021 21:07

Tgt Ion: 91 Resp: 604408

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 24.072 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW019610.D

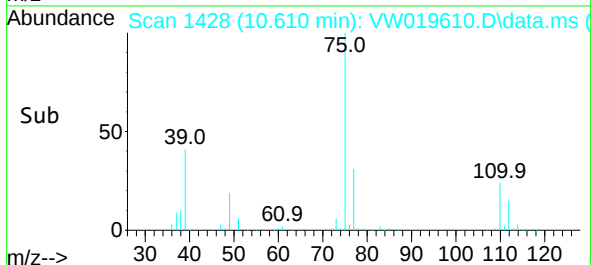
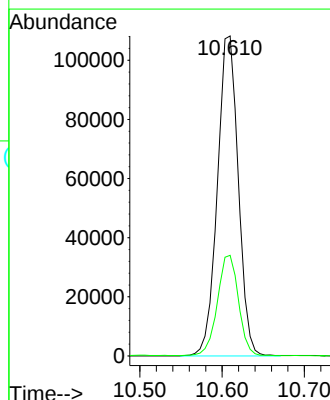
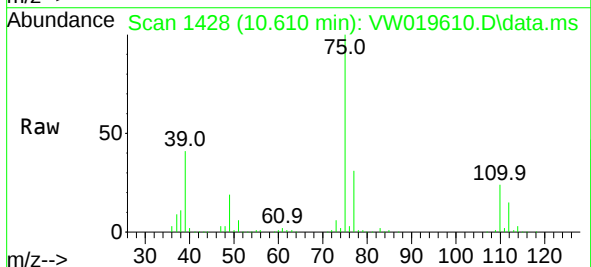
Acq: 26 Jul 2021 21:07

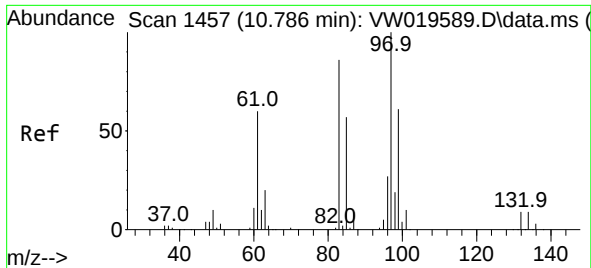
Tgt Ion: 75 Resp: 191438

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.1



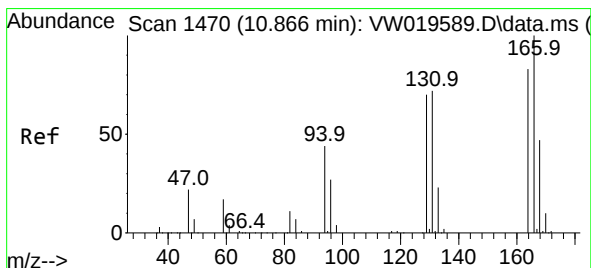
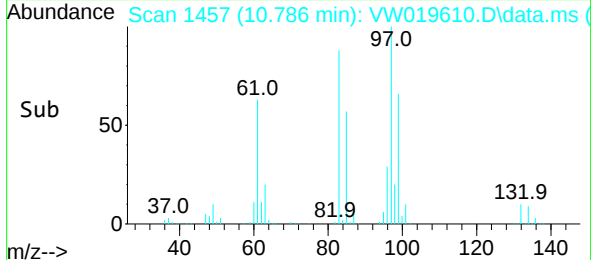
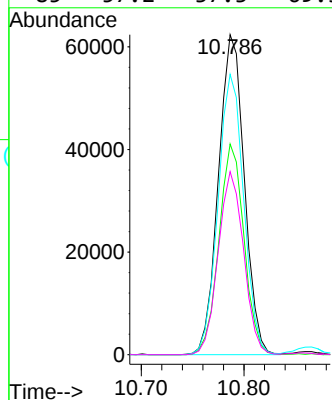
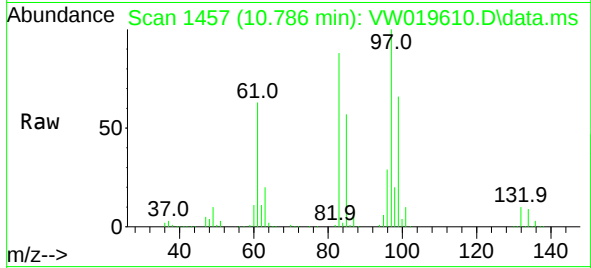


#45
1,1,2-Trichloroethane
Concen: 24.778 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

Tgt Ion: 97 Resp: 108995

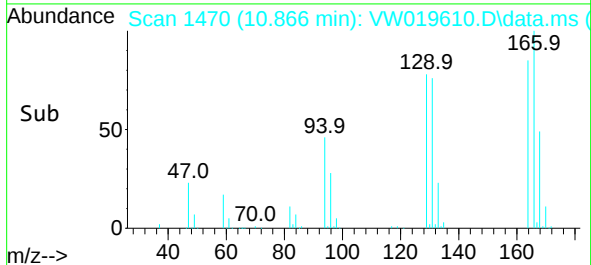
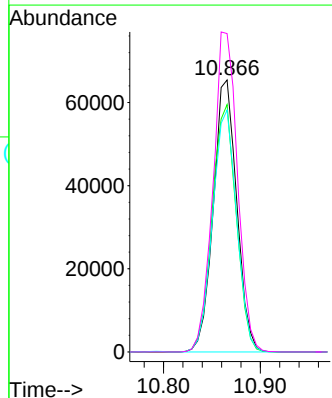
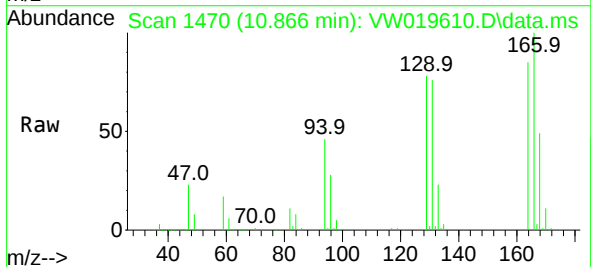
Ion	Ratio	Lower	Upper
97	100		
99	65.9	45.1	83.7
83	87.6	58.1	107.9
85	57.2	37.3	69.3

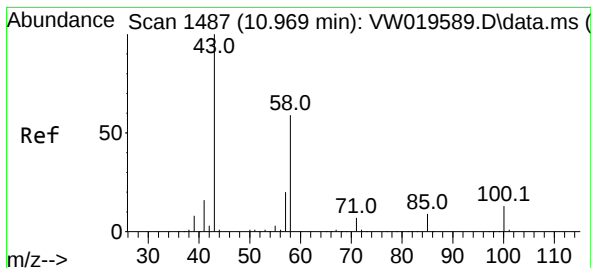


#46
Tetrachloroethene
Concen: 24.155 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 164 Resp: 109616

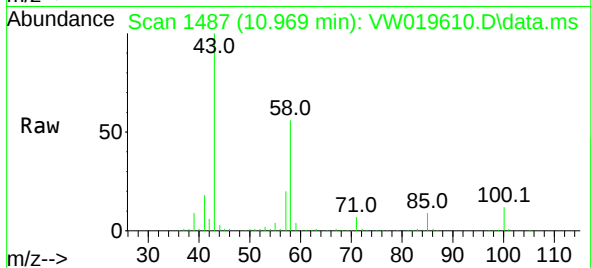
Ion	Ratio	Lower	Upper
164	100		
129	90.9	66.7	123.9
131	88.9	61.1	113.5
166	117.1	87.0	161.6



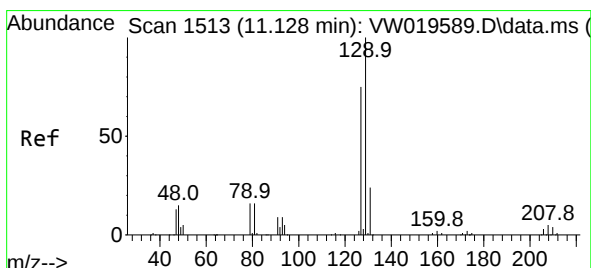
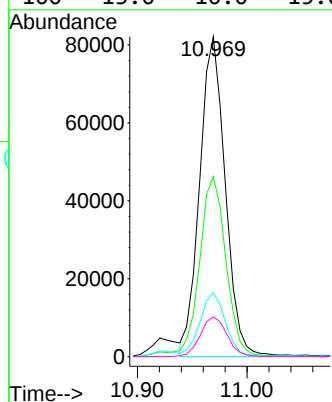
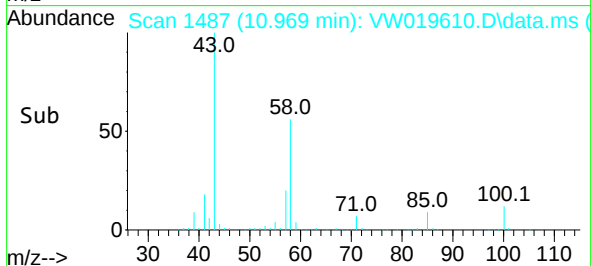


#48
2-Hexanone
Concen: 52.334 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

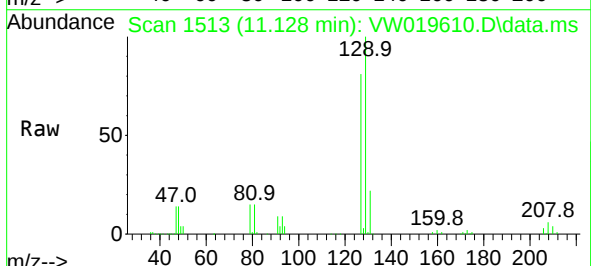
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498



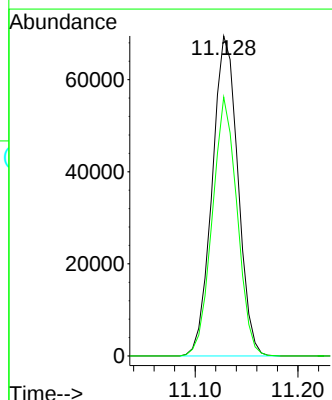
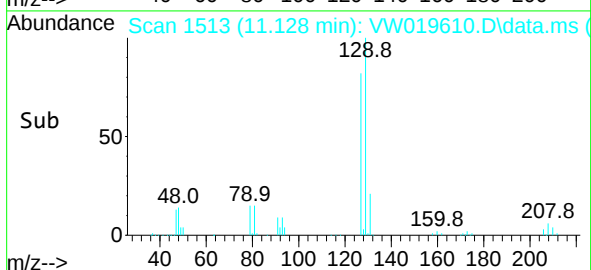
Tgt Ion: 43 Resp: 133000
Ion Ratio Lower Upper
43 100
58 57.9 42.7 64.1
57 20.1 15.8 23.8
100 13.0 10.0 15.0

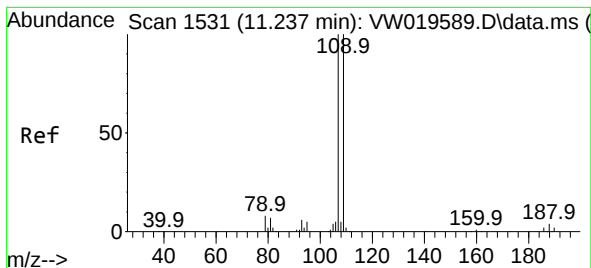


#49
Dibromochloromethane
Concen: 25.539 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07



Tgt Ion: 129 Resp: 120816
Ion Ratio Lower Upper
129 100
127 80.9 51.7 95.9

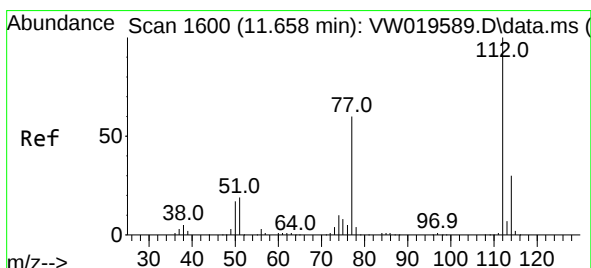
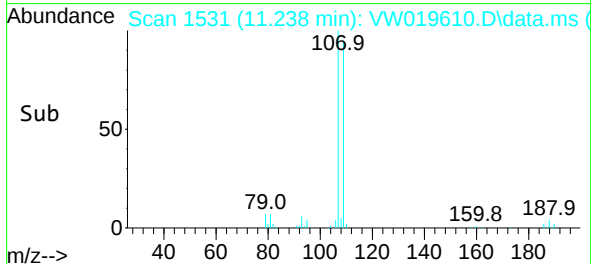
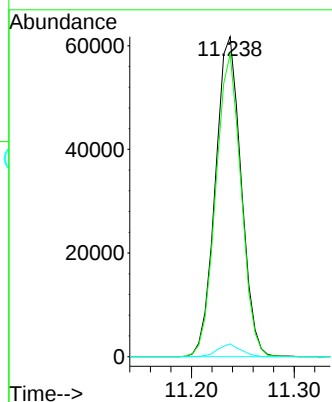
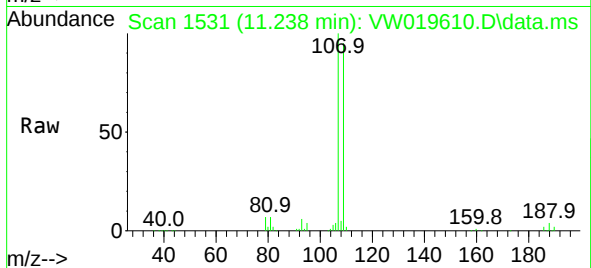




#50
1,2-Dibromoethane
Concen: 25.431 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

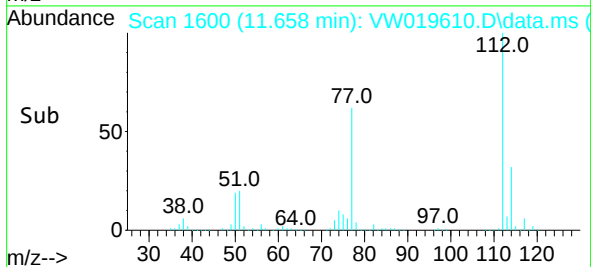
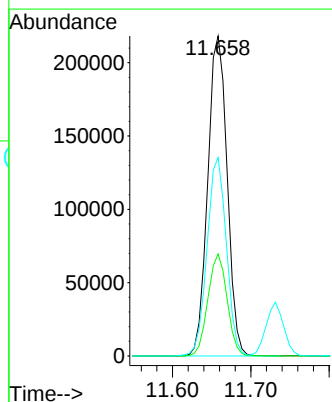
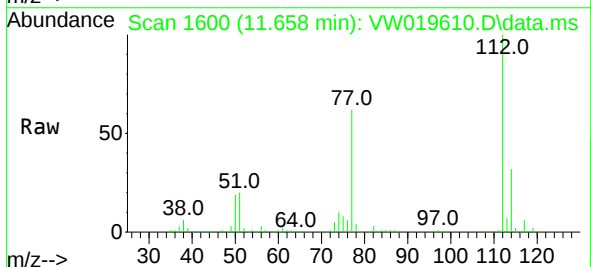
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

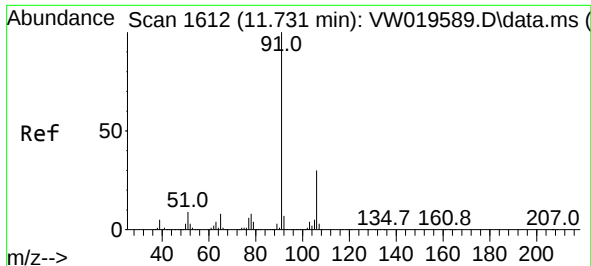
Tgt Ion:107 Resp: 107298
Ion Ratio Lower Upper
107 100
109 94.6 65.4 121.4
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 24.530 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:112 Resp: 375059
Ion Ratio Lower Upper
112 100
114 31.9 23.4 43.6
77 62.0 47.6 71.4

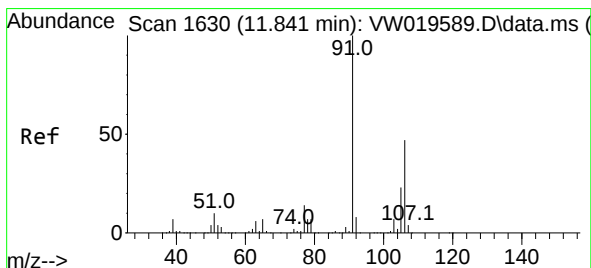
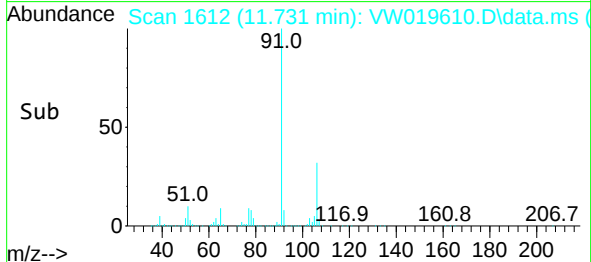
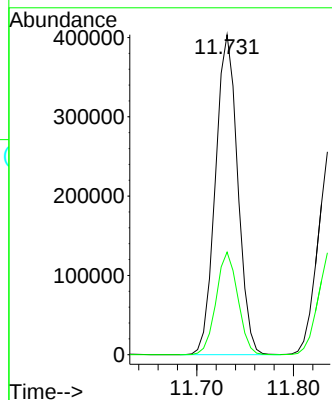
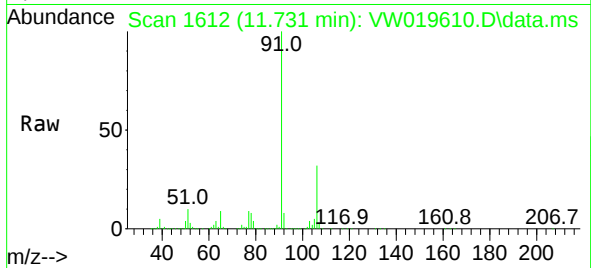




#52
Ethylbenzene
Concen: 24.344 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

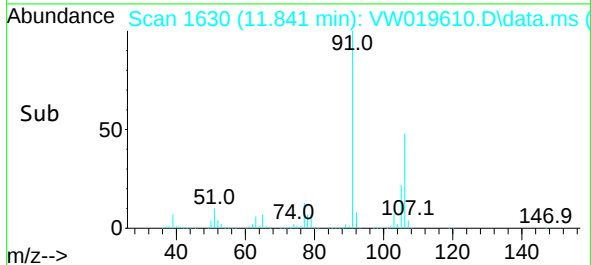
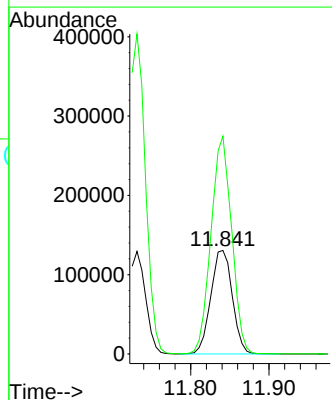
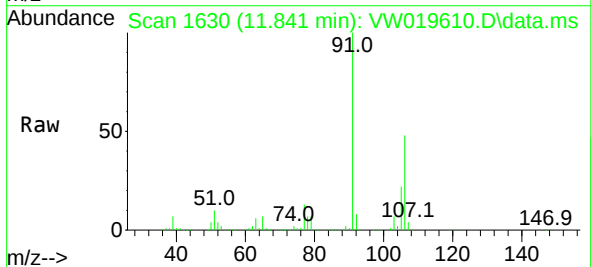
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

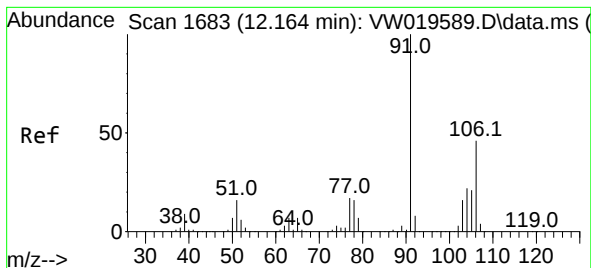
Tgt Ion: 91 Resp: 644402
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 24.886 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 106 Resp: 248955
Ion Ratio Lower Upper
106 100
91 210.5 141.3 262.3

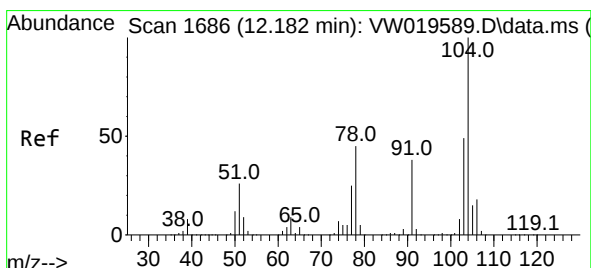
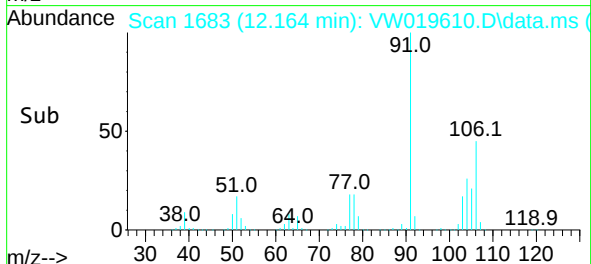
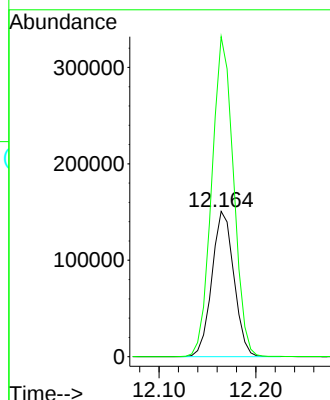
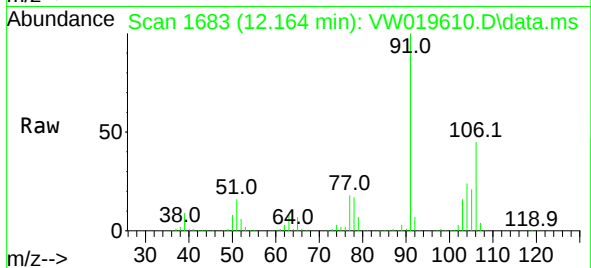




#54
o-Xylene
Concen: 25.197 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

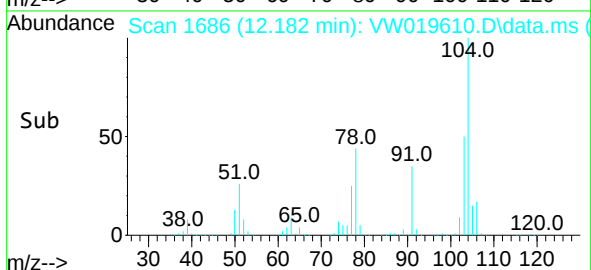
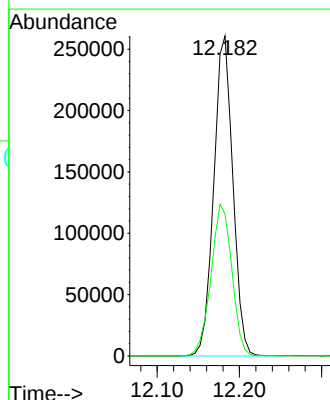
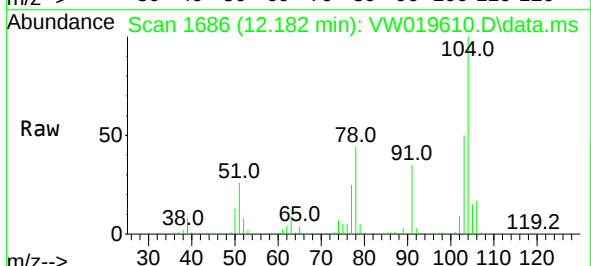
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

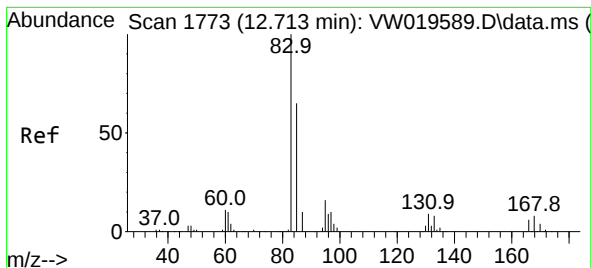
Tgt Ion:106 Resp: 238197
Ion Ratio Lower Upper
106 100
91 220.3 150.0 278.6



#55
Styrene
Concen: 25.691 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:104 Resp: 420812
Ion Ratio Lower Upper
104 100
78 44.4 32.5 60.3

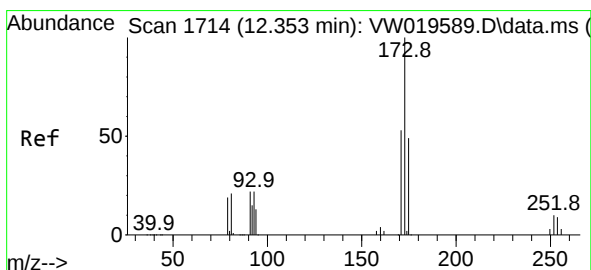
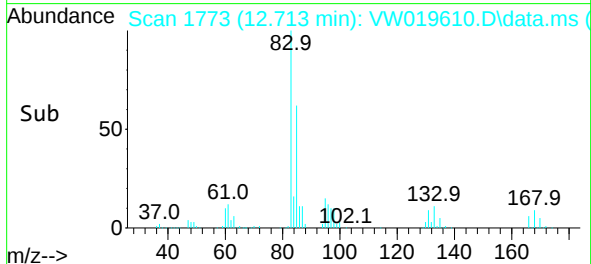
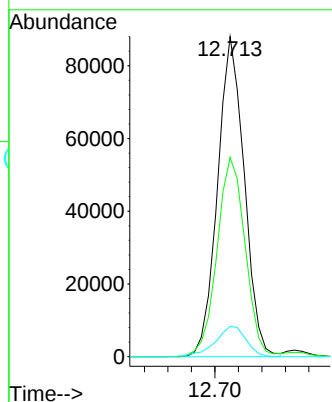
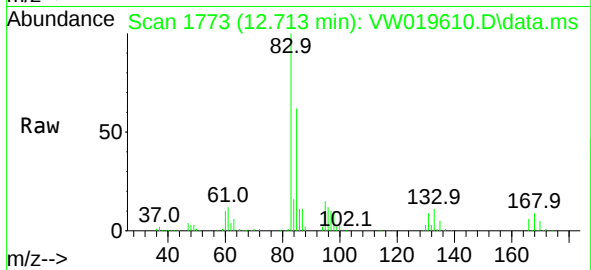




#57
1,1,2,2-Tetrachloroethane
Concen: 25.642 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

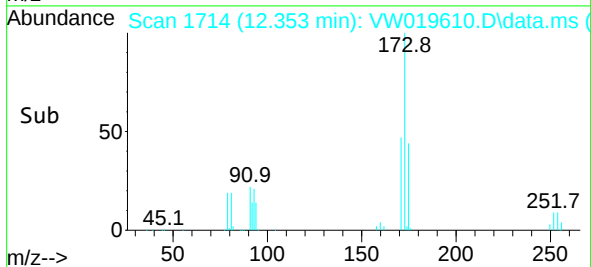
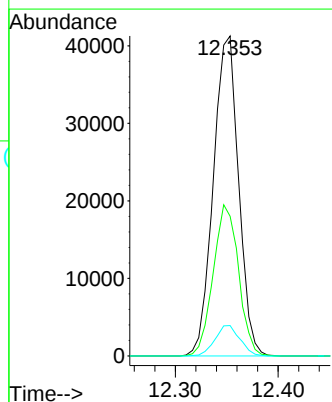
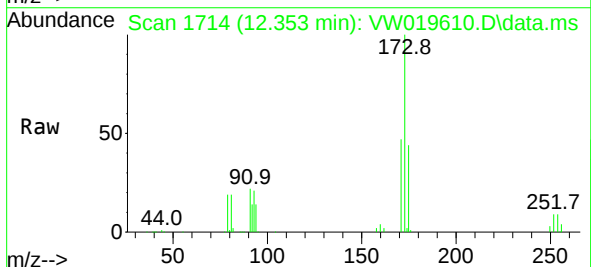
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

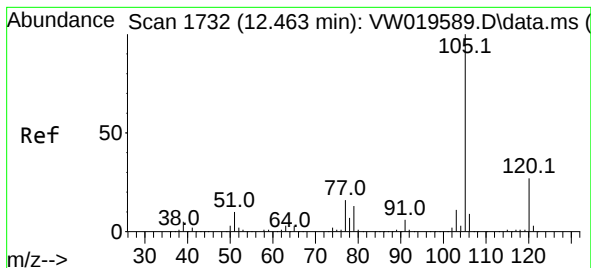
Tgt Ion: 83 Resp: 138908
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.4
131 9.4 8.2 12.4



#59
Bromoform
Concen: 25.298 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:173 Resp: 70354
Ion Ratio Lower Upper
173 100
175 47.4 37.5 56.3
254 9.4 7.0 10.4

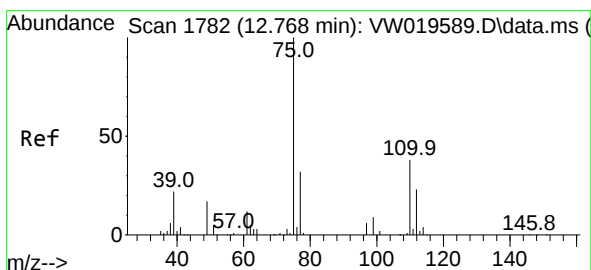
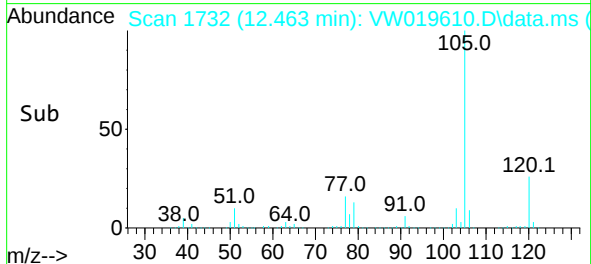
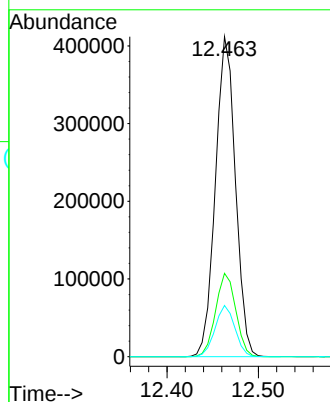
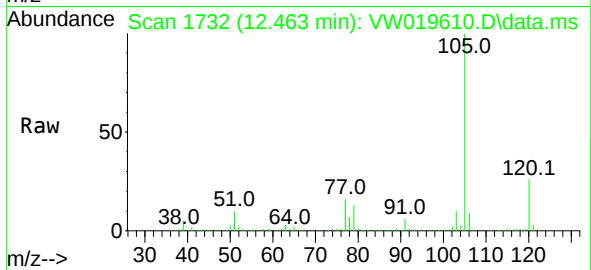




#60
Isopropylbenzene
Concen: 23.944 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

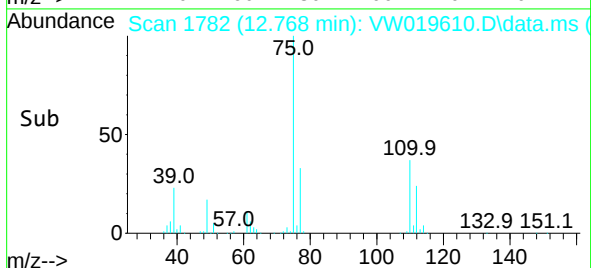
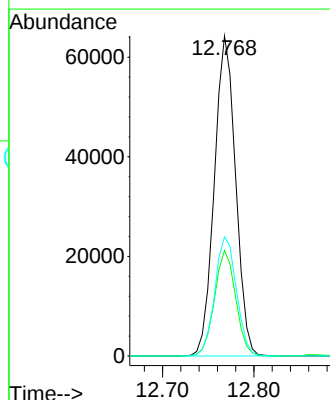
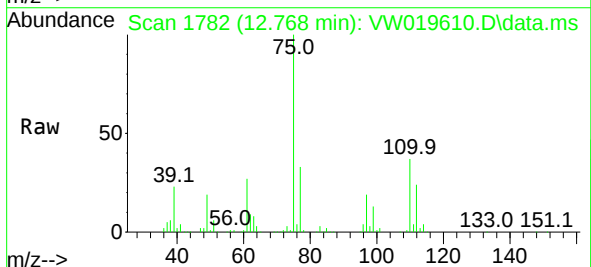
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

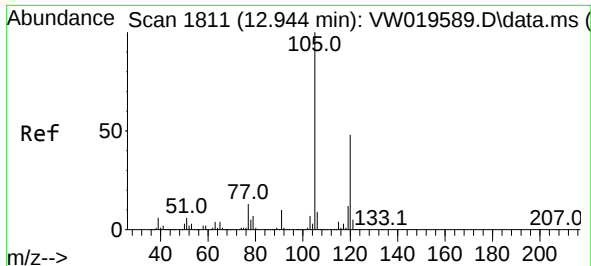
Tgt Ion:105 Resp: 626982
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.0 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.380 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 75 Resp: 104059
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 37.9 32.6 48.8

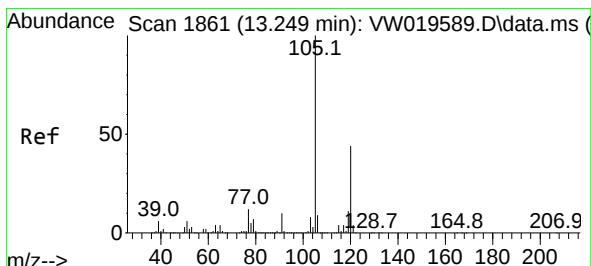
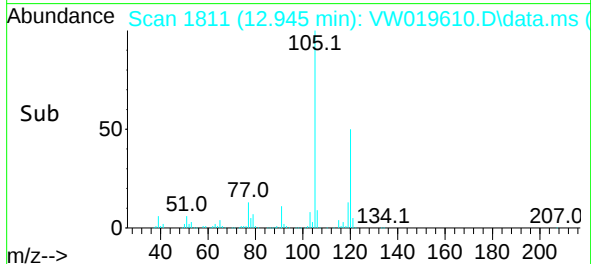
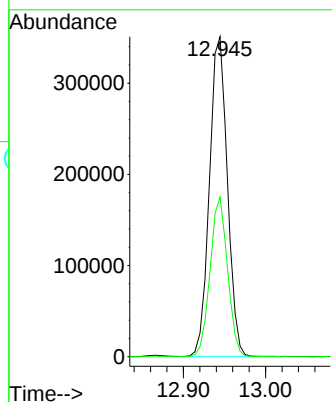
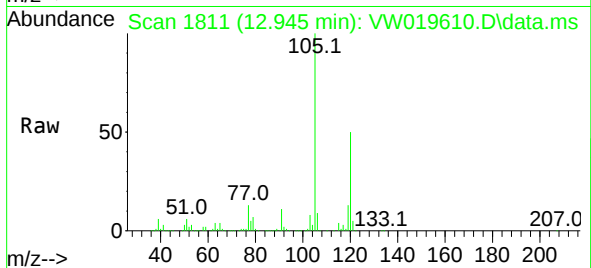




#62
1,3,5-Trimethylbenzene
Concen: 24.265 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

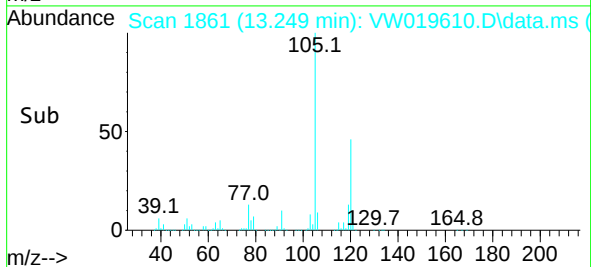
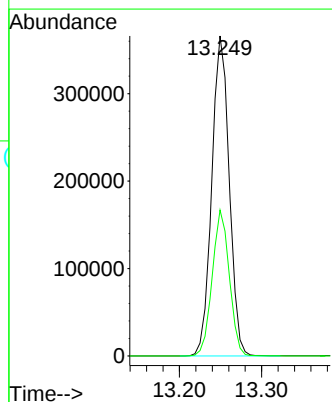
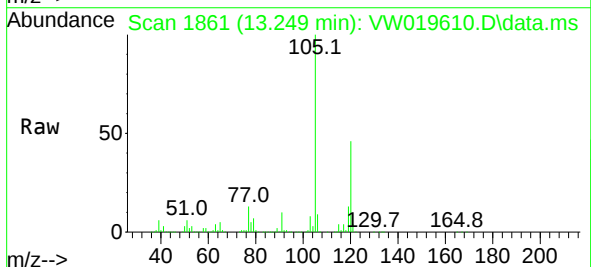
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

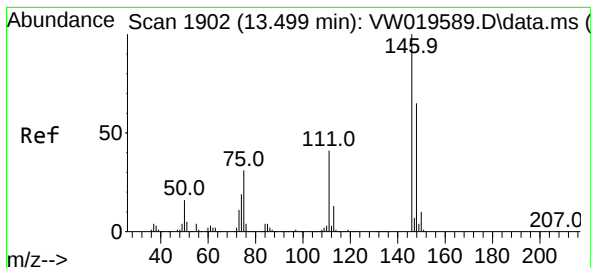
Tgt Ion:105 Resp: 531994
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.444 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:105 Resp: 540012
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

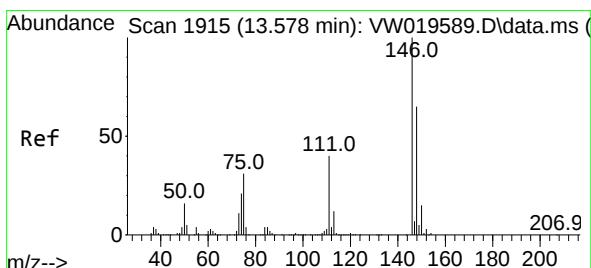
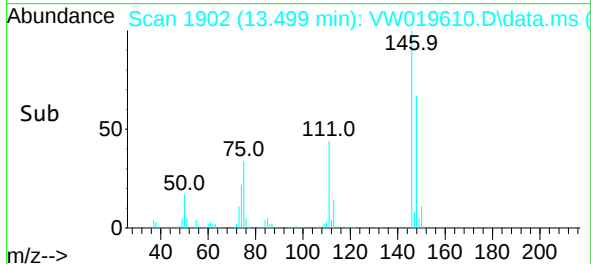
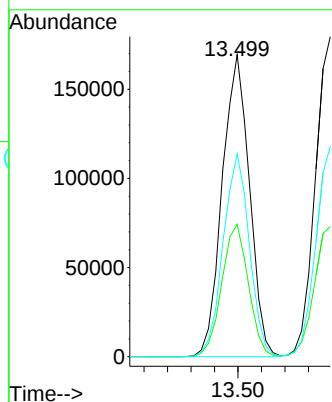
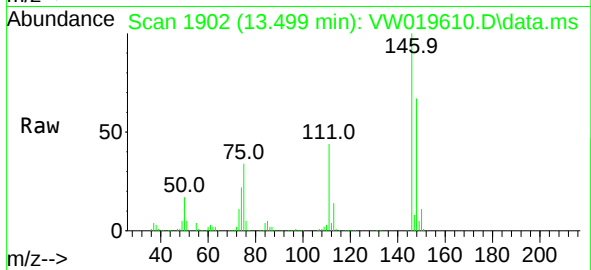




#64
1,3-Dichlorobenzene
Concen: 22.717 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

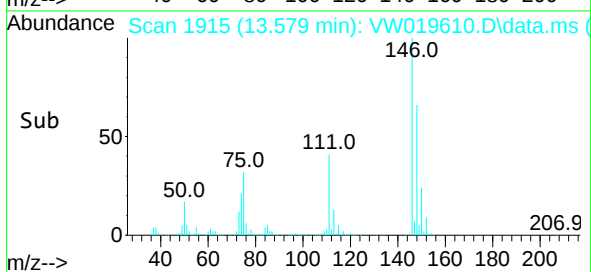
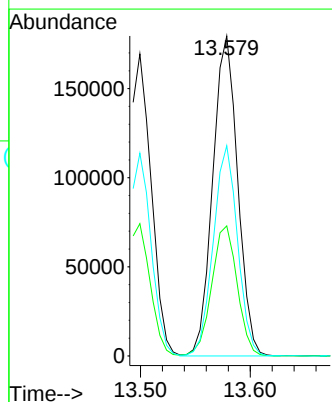
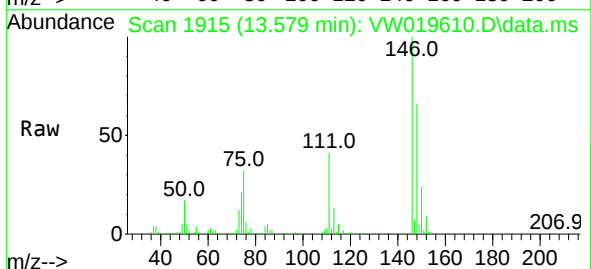
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

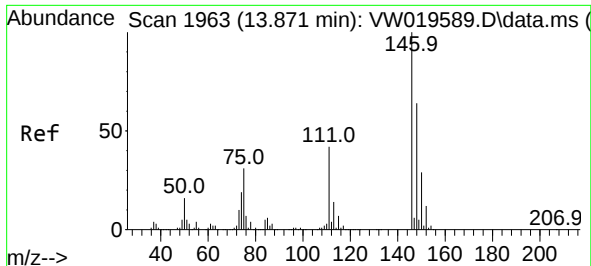
Tgt Ion:146 Resp: 272214
Ion Ratio Lower Upper
146 100
111 43.8 26.7 49.7
148 67.1 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.990 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:146 Resp: 284052
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 65.7 46.8 87.0

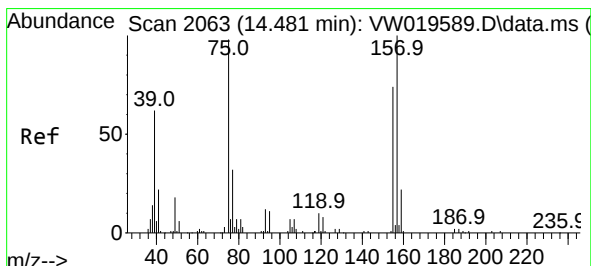
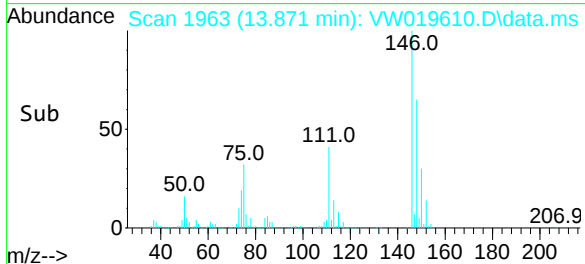
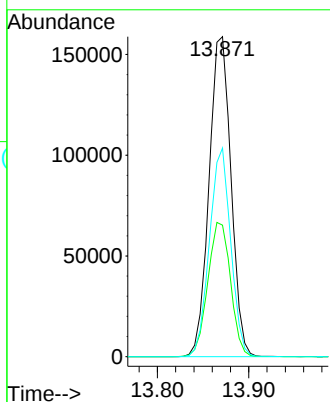
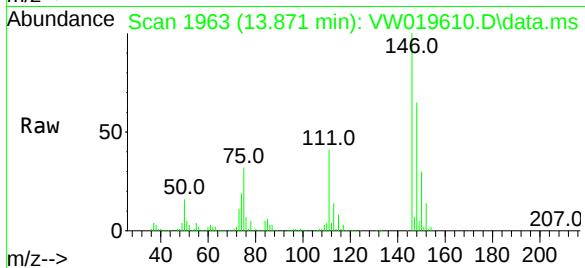




#67
1,2-Dichlorobenzene
Concen: 24.553 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

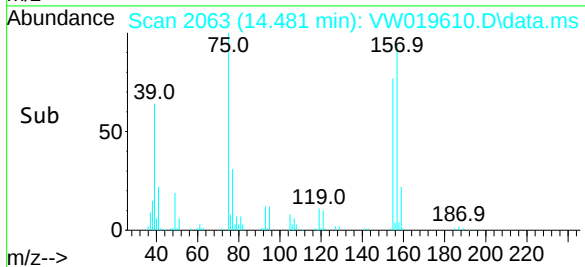
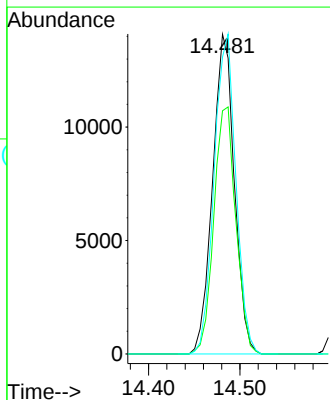
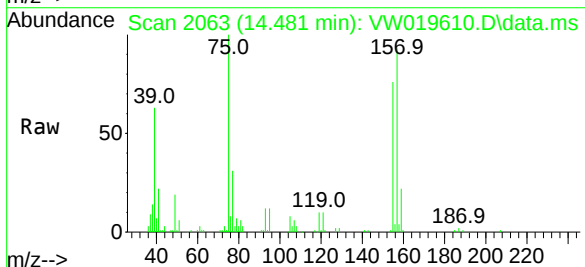
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

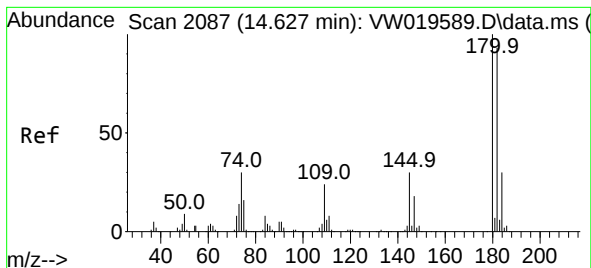
Tgt Ion:146 Resp: 265048
Ion Ratio Lower Upper
146 100
111 41.1 33.2 49.8
148 65.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.016 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion: 75 Resp: 23300
Ion Ratio Lower Upper
75 100
155 76.1 59.4 89.0
157 92.9 72.2 108.2

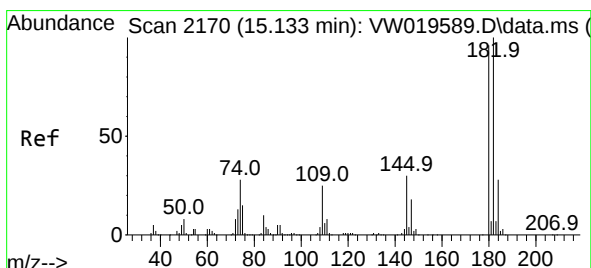
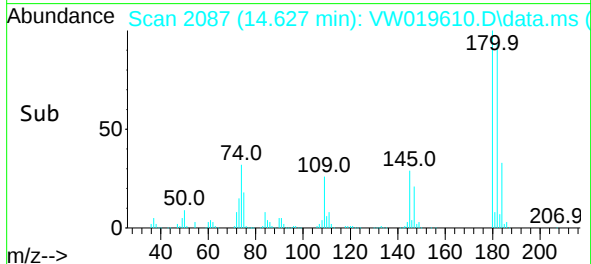
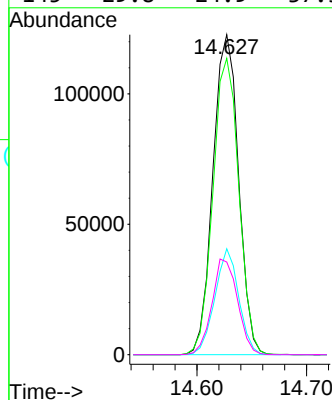
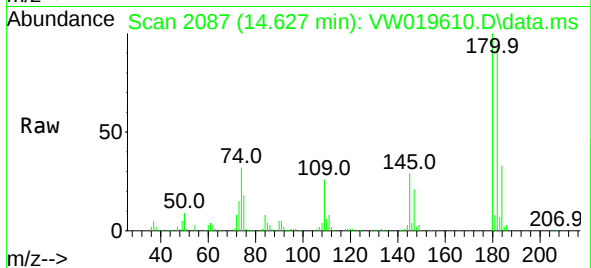




#69
1,3,5-Trichlorobenzene
Concen: 22.748 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

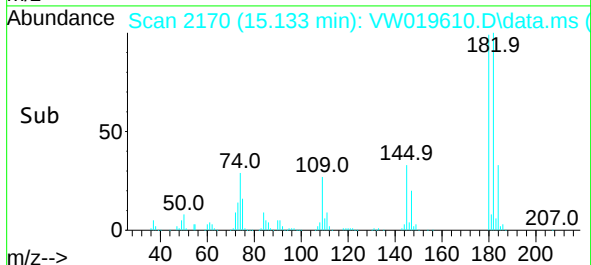
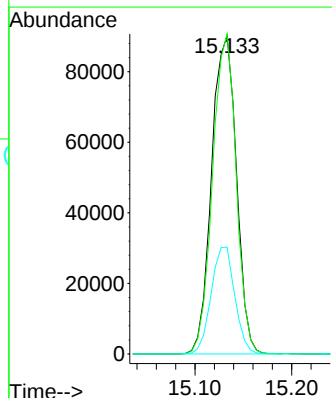
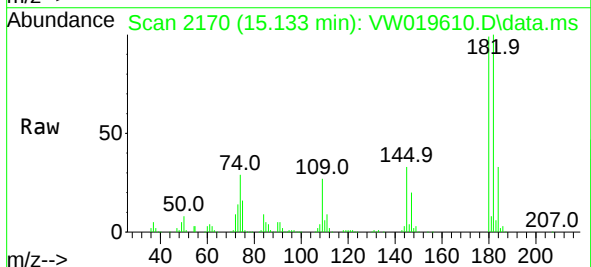
Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

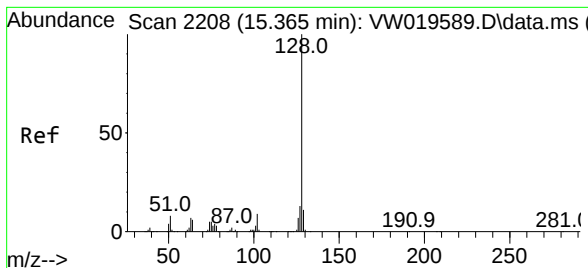
Tgt Ion:	180	Resp:	199166
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.4	110.2
184	30.9	23.6	35.4
145	29.8	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 21.927 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:	180	Resp:	160512
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.7	112.1
145	32.0	25.0	37.4

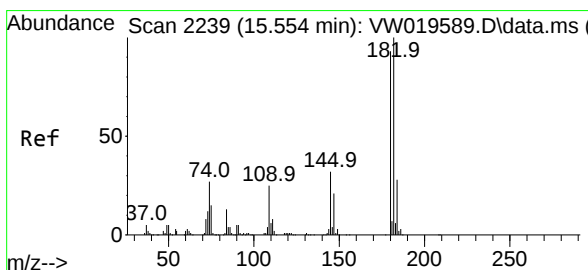
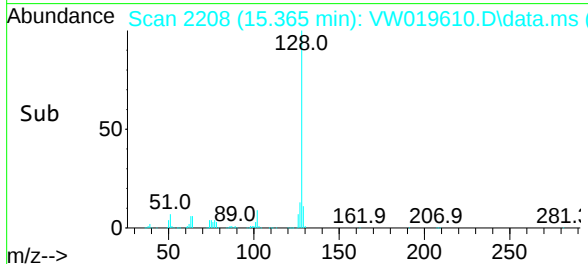
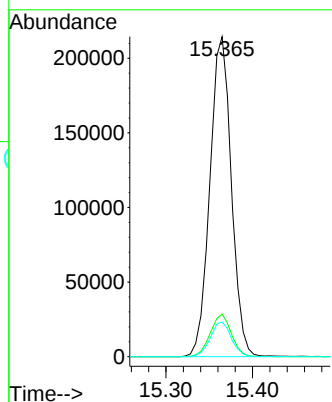
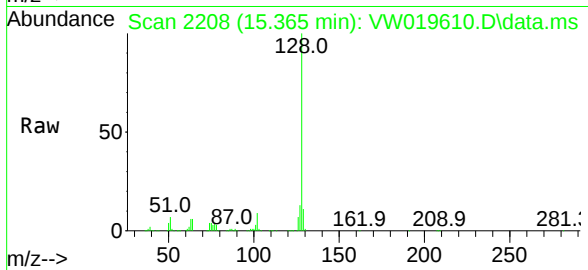




#71
Naphthalene
Concen: 24.977 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025498

Tgt Ion:128 Resp: 369267
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.216 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019610.D
Acq: 26 Jul 2021 21:07

Tgt Ion:180 Resp: 152190
Ion Ratio Lower Upper
180 100
182 96.1 76.7 115.1
145 34.2 28.9 43.3

