

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061421\
 Data File : VW019218.D
 Acq On : 14 Jun 2021 16:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: Jun 15 01:19:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 15 01:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	481819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	220411	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128370	20.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
7) Chloroethane-d5	2.898	69	121110	22.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.032	63	294723	23.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.086	46	80483	48.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.460%
24) Chloroform-d	7.653	84	310311	23.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.311	65	163711	22.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.275	84	577518	22.958	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.275	67	178754	23.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.760%
41) Toluene-d8	10.323	98	526443	22.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.579	79	74618	22.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.360%
47) 2-Hexanone-d5	10.927	63	65346	50.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	152876	24.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	177550	23.079	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	162057	25.962	ug/L	92
3) Chloromethane	2.221	50	150366	26.055	ug/L	96
5) Vinyl chloride	2.367	62	239432	27.178	ug/L	99
6) Bromomethane	2.788	94	155325	23.711	ug/L	96
8) Chloroethane	2.934	64	144372	27.566	ug/L	97
9) Trichlorofluoromethane	3.270	101	132828	27.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	187391	27.096	ug/L	97
12) 1,1-Dichloroethene	4.044	96	184601	27.020	ug/L	98
13) Acetone	4.141	43	100587	68.017	ug/L	89
14) Carbon disulfide	4.391	76	559298	25.899	ug/L	100
15) Methyl Acetate	4.684	43	71421	24.011	ug/L	98
16) Methylene chloride	4.922	84	192040	21.480	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	191736	26.048	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	237528	24.962	ug/L	98
19) 1,1-Dichloroethane	6.220	63	347919	26.629	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	196974	25.701	ug/L	97
22) 2-Butanone	7.177	43	121145	61.267	ug/L	99
23) Bromochloromethane	7.519	128	81974	24.313	ug/L	86
25) Chloroform	7.677	83	350865	26.331	ug/L	99

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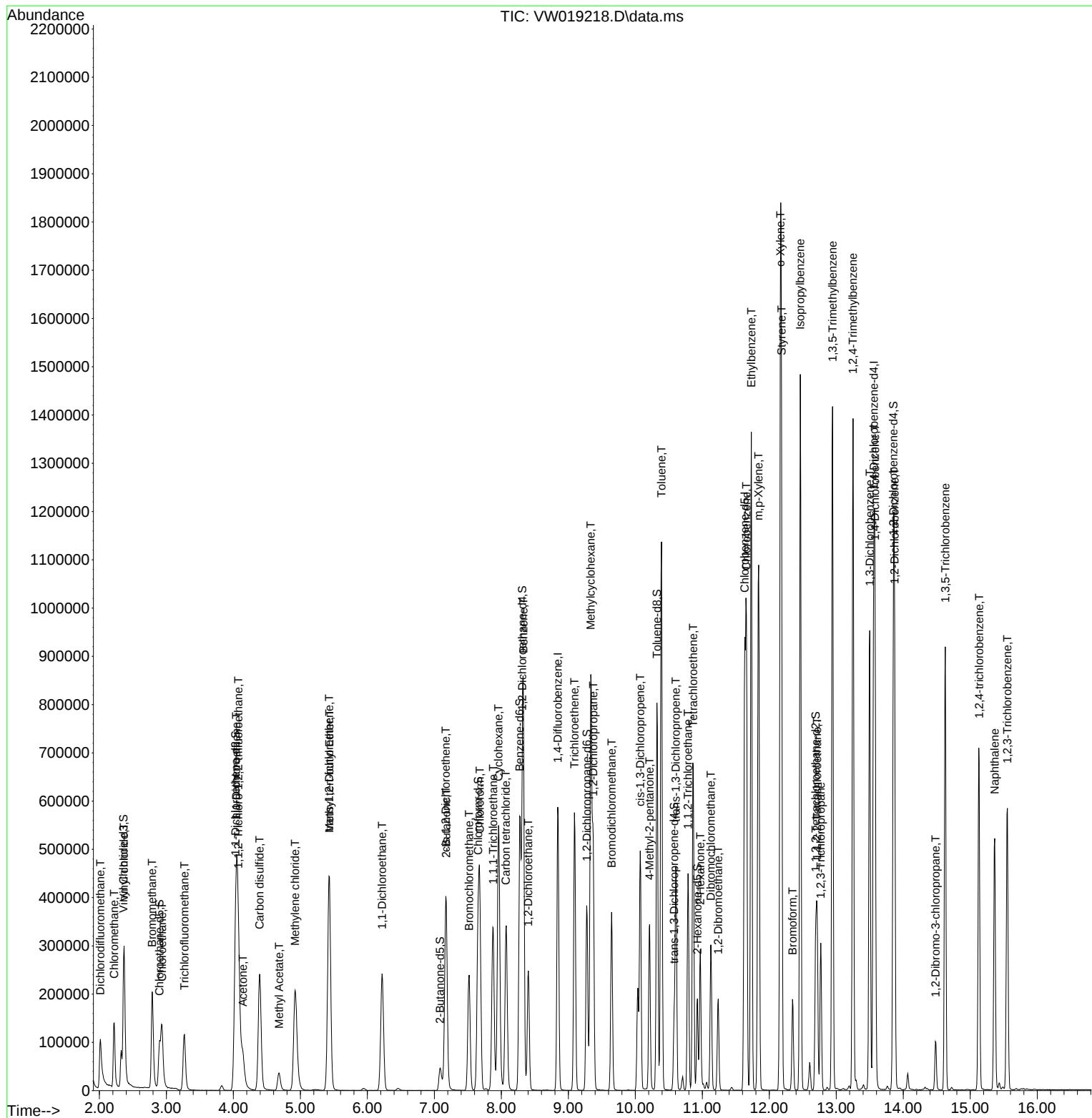
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	225457	24.985	ug/L	99
29) Cyclohexane	7.958	56	316727	27.567	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	274665	27.035	ug/L	99
31) Carbon tetrachloride	8.067	117	255702	27.258	ug/L	100
33) Benzene	8.330	78	777662	26.777	ug/L	100
34) Trichloroethene	9.092	95	201459	26.610	ug/L	96
35) Methylcyclohexane	9.336	83	353575	27.140	ug/L	97
37) 1,2-Dichloropropane	9.372	63	190962	26.768	ug/L	98
38) Bromodichloromethane	9.646	83	242834	26.243	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	285866	25.861	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	210970	49.656	ug/L	95
42) Toluene	10.390	91	831653	26.617	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	252144	25.842	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	137164	25.536	ug/L	97
46) Tetrachloroethene	10.866	164	149720	25.872	ug/L	96
48) 2-Hexanone	10.969	43	173262	60.664	ug/L	96
49) Dibromochloromethane	11.128	129	150868	25.342	ug/L	98
50) 1,2-Dibromoethane	11.238	107	124412	23.908	ug/L	99
51) Chlorobenzene	11.658	112	498800	25.863	ug/L	98
52) Ethylbenzene	11.731	91	927119	26.973	ug/L	97
53) m,p-Xylene	11.841	106	345233	27.236	ug/L	99
54) o-Xylene	12.164	106	323763	26.814	ug/L	92
55) Styrene	12.183	104	551132	26.542	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	169192	25.559	ug/L	99
59) Bromoform	12.347	173	80917	23.830	ug/L	98
60) Isopropylbenzene	12.463	105	899881	27.270	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	122993	24.942	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	735291	27.130	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	738021	27.279	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	372229	25.846	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	372624	25.303	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	334235	25.786	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	26183	24.256	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	268810	25.833	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	211234	24.735	ug/L	96
71) Naphthalene	15.365	128	441066	25.904	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	189702	25.071	ug/L	96

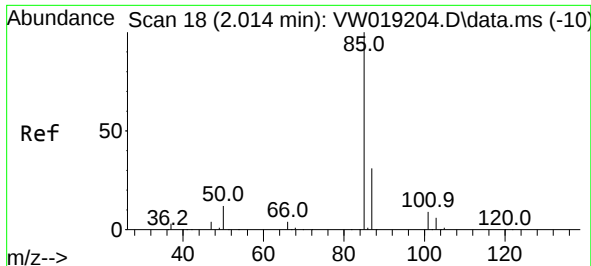
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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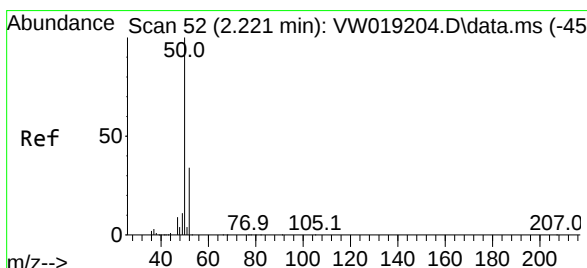
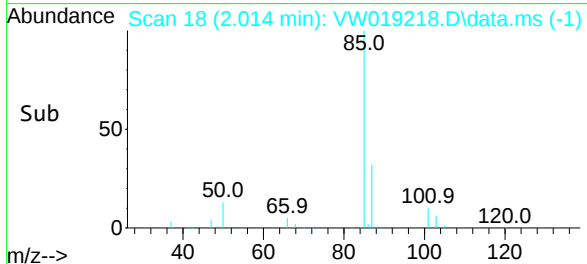
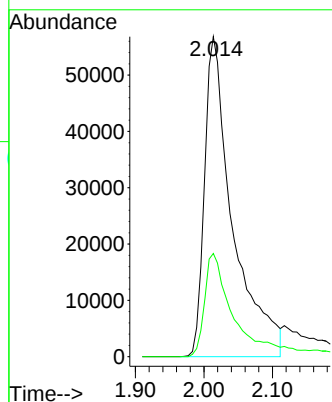
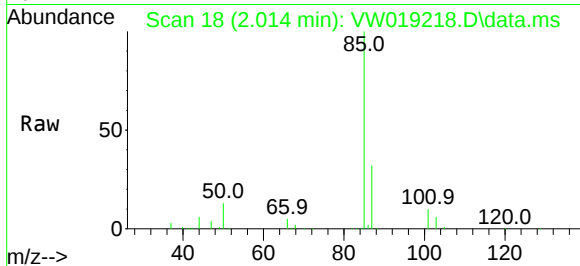




#2
Dichlorodifluoromethane
Concen: 25.962 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

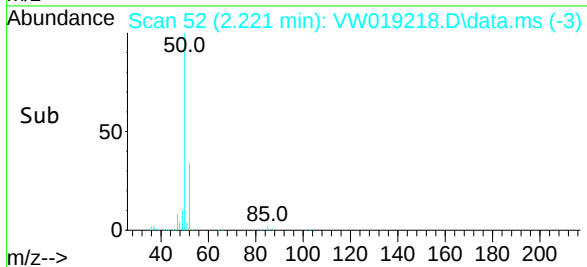
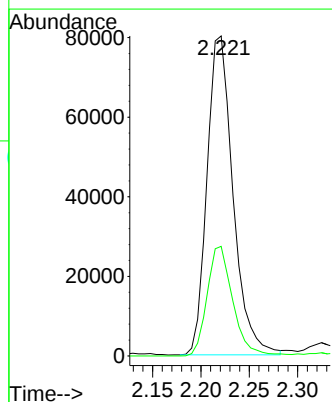
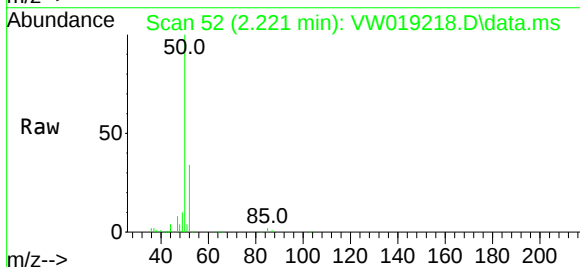
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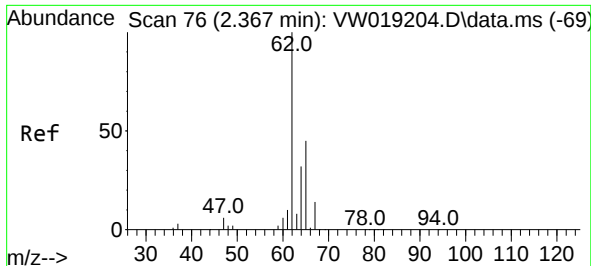
Tgt Ion: 85 Resp: 162057
Ion Ratio Lower Upper
85 100
87 33.6 23.3 34.9



#3
Chloromethane
Concen: 26.055 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 50 Resp: 150366
Ion Ratio Lower Upper
50 100
52 34.3 22.5 41.9

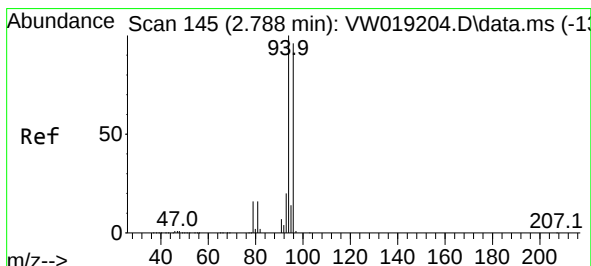
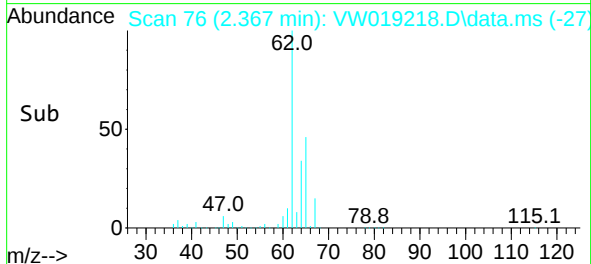
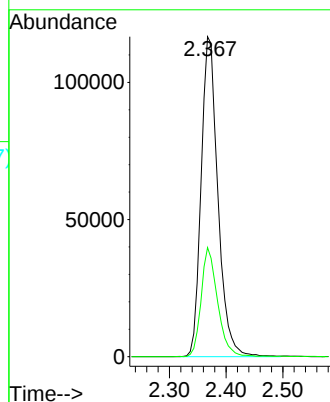
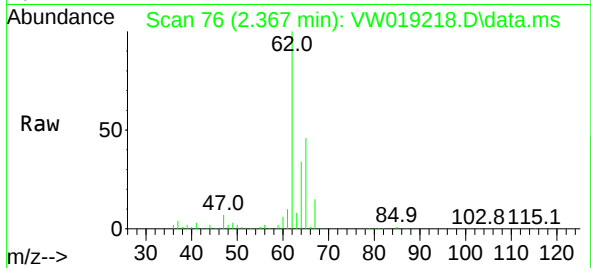




#5
 Vinyl chloride
 Concen: 27.178 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019218.D
 Acq: 14 Jun 2021 16:24

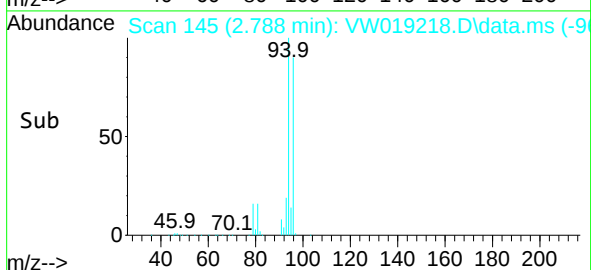
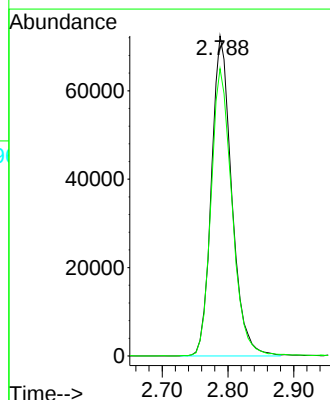
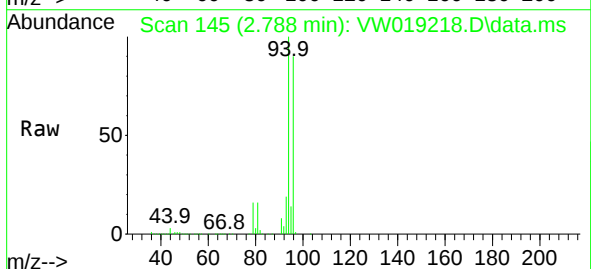
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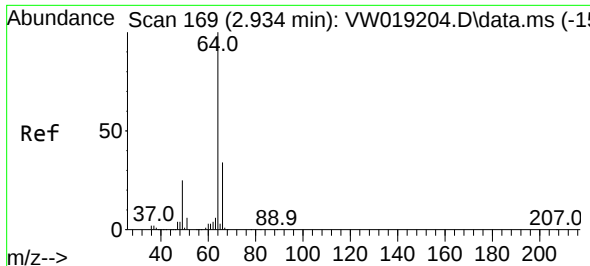
Tgt Ion: 62 Resp: 239432
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.2 45.0



#6
 Bromomethane
 Concen: 23.711 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019218.D
 Acq: 14 Jun 2021 16:24

Tgt Ion: 94 Resp: 155325
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.3 121.3

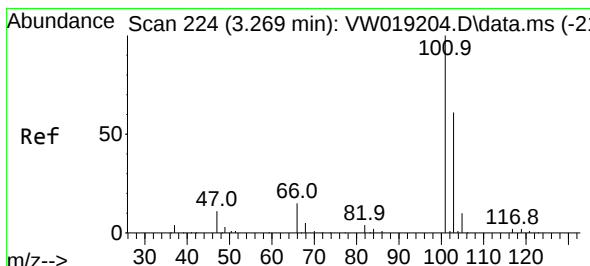
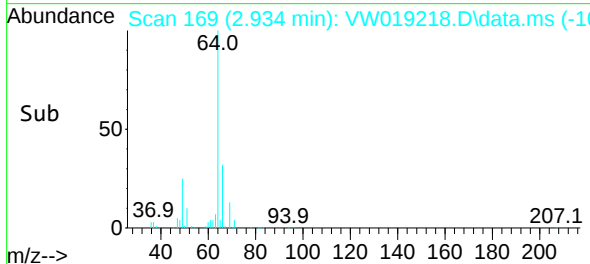
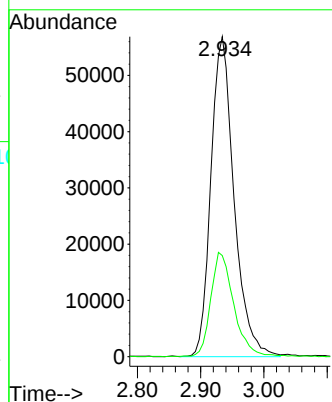
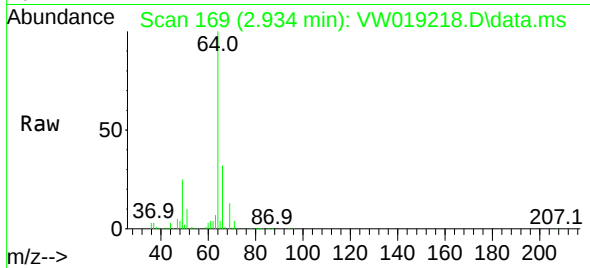




#8
Chloroethane
Concen: 27.566 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

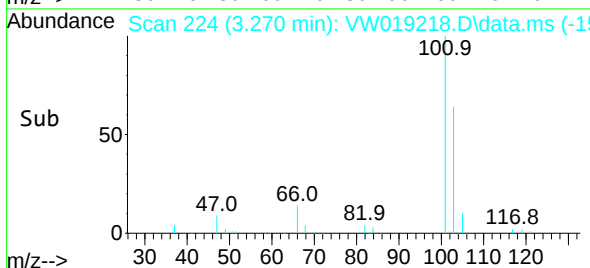
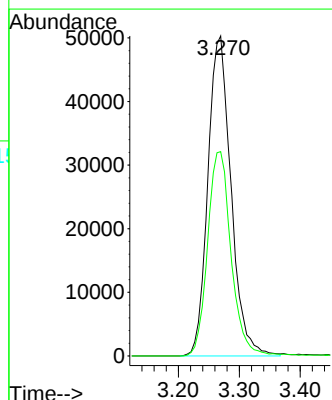
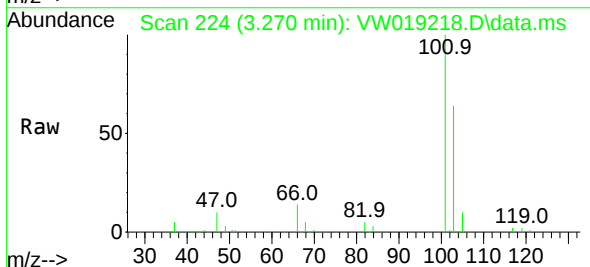
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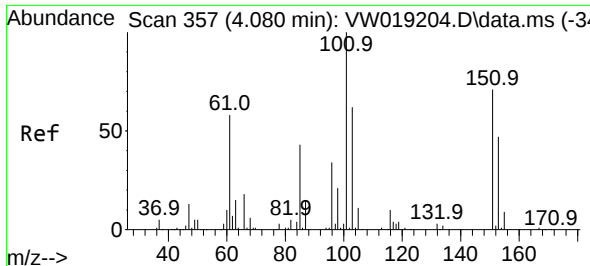
Tgt Ion: 64 Resp: 144372
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.471 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 101 Resp: 132828
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

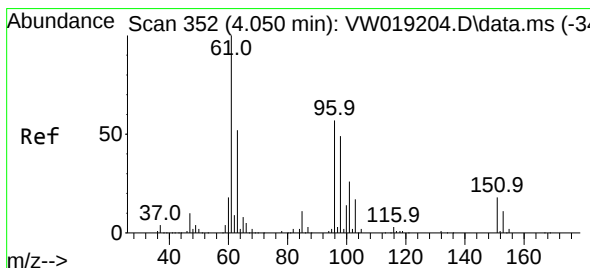
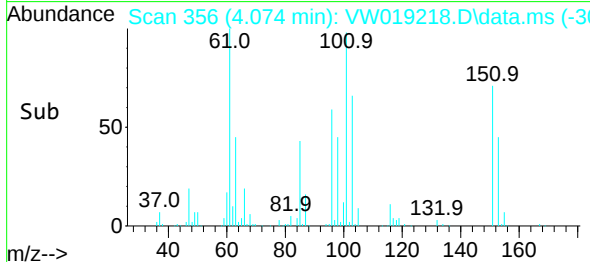
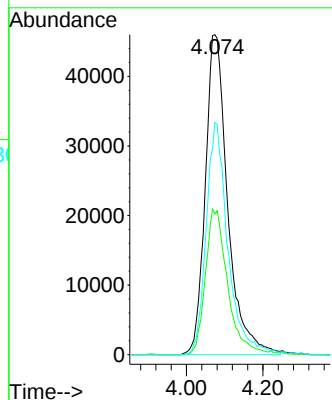
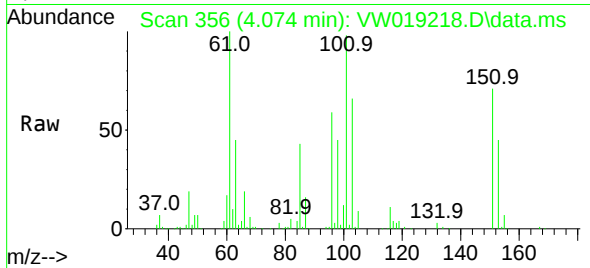




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.096 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW019218.D
 Acq: 14 Jun 2021 16:24

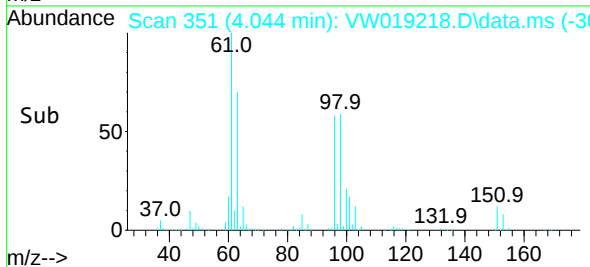
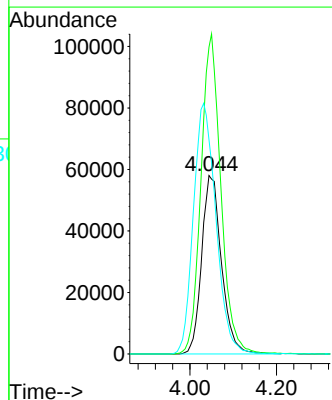
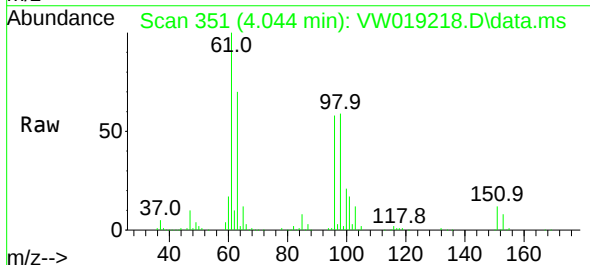
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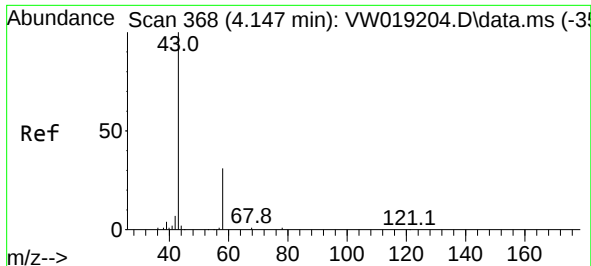
Tgt Ion:101 Resp: 187391
 Ion Ratio Lower Upper
 101 100
 85 44.8 38.2 57.2
 151 68.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 27.020 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW019218.D
 Acq: 14 Jun 2021 16:24

Tgt Ion: 96 Resp: 184601
 Ion Ratio Lower Upper
 96 100
 61 172.1 118.1 219.3
 63 120.0 83.7 155.5

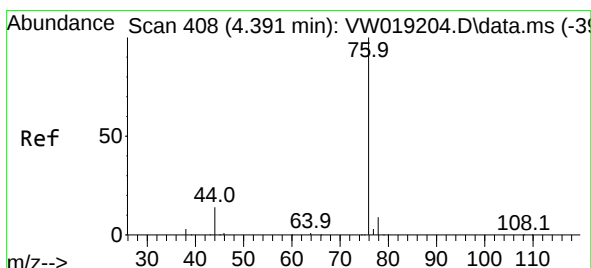
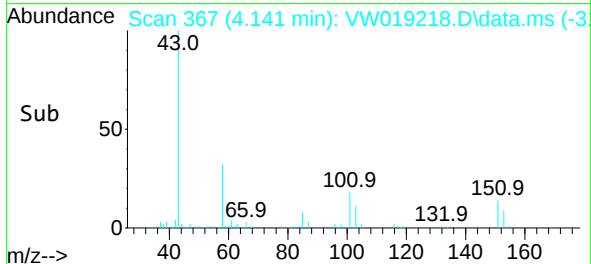
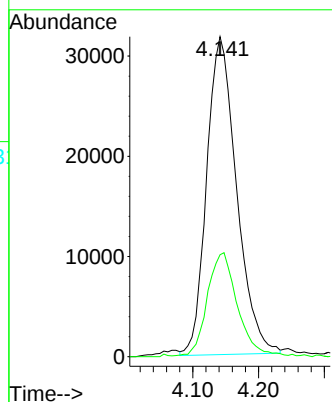
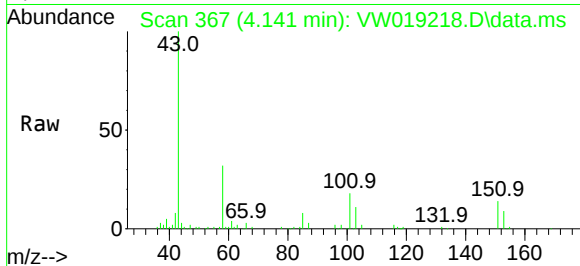




#13
Acetone
Concen: 68.017 ug/L
RT: 4.141 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

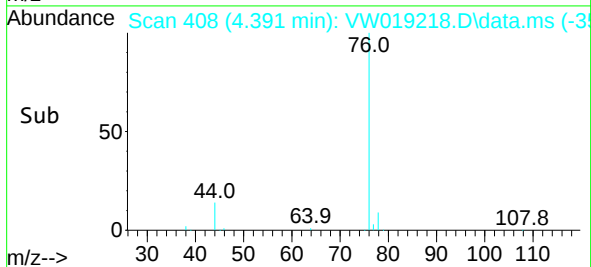
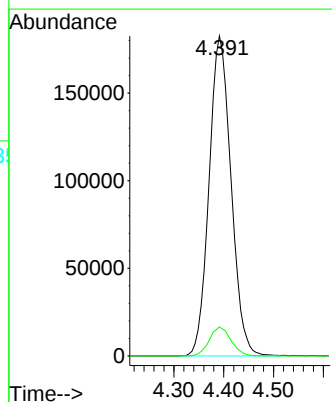
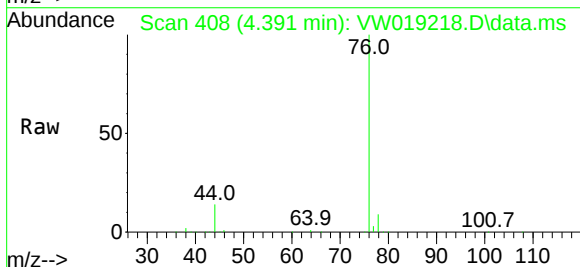
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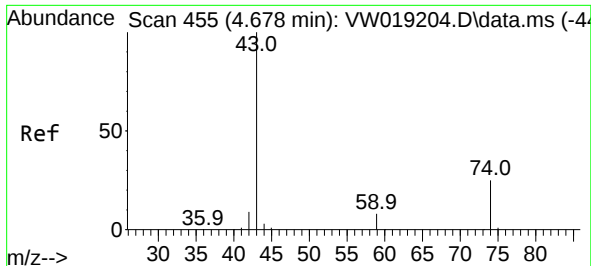
Tgt Ion: 43 Resp: 100587
Ion Ratio Lower Upper
43 100
58 32.7 0.0 53.8



#14
Carbon disulfide
Concen: 25.899 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 76 Resp: 559298
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

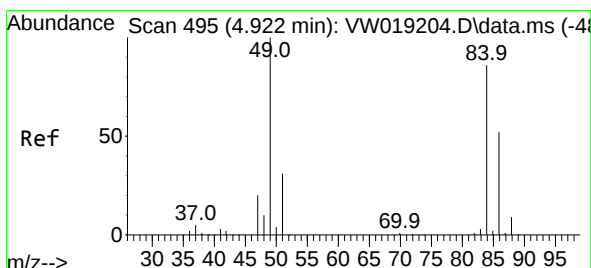
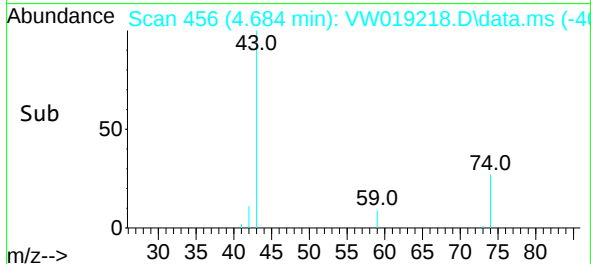
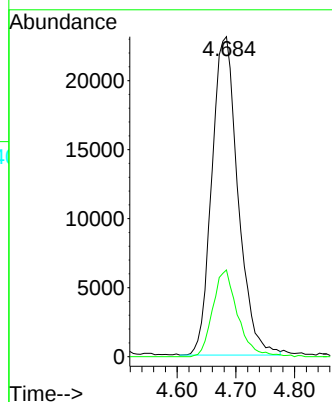
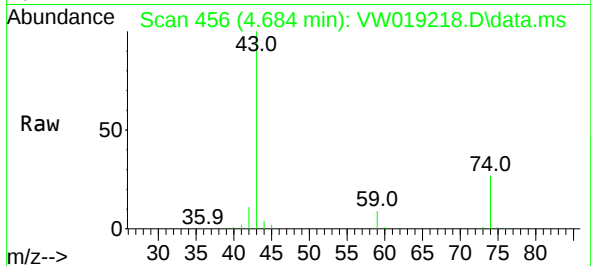




#15
Methyl Acetate
Concen: 24.011 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

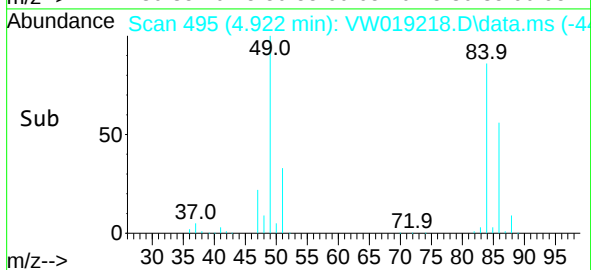
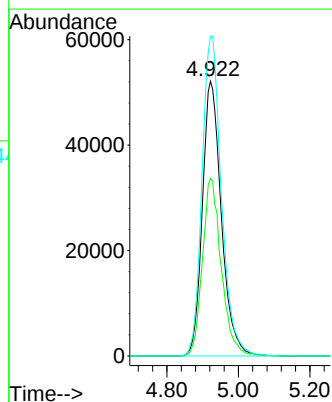
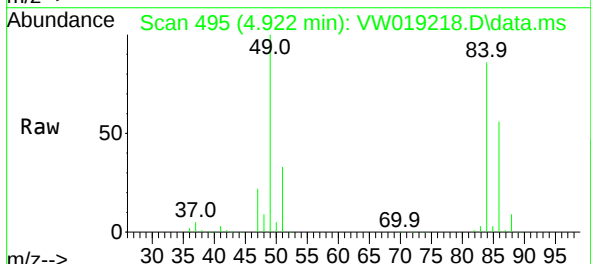
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

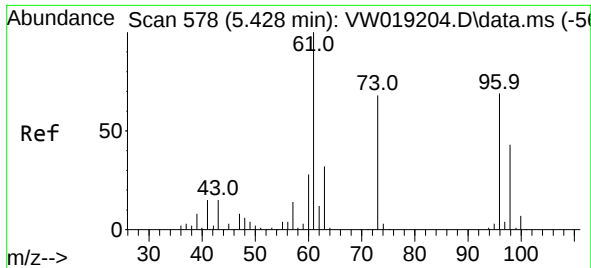
Tgt Ion: 43 Resp: 71421
Ion Ratio Lower Upper
43 100
74 25.8 20.0 30.0



#16
Methylene chloride
Concen: 21.480 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 84 Resp: 192040
Ion Ratio Lower Upper
84 100
86 64.6 45.3 84.1
49 116.3 86.6 160.8

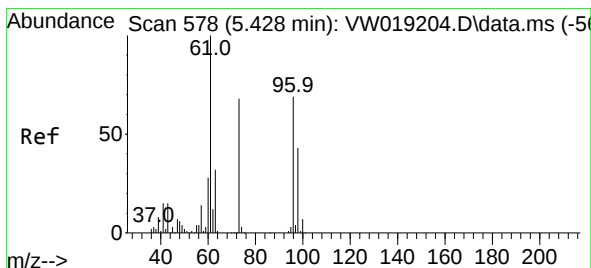
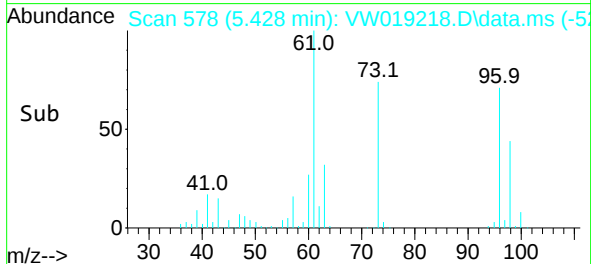
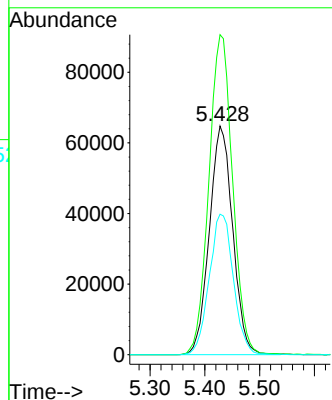
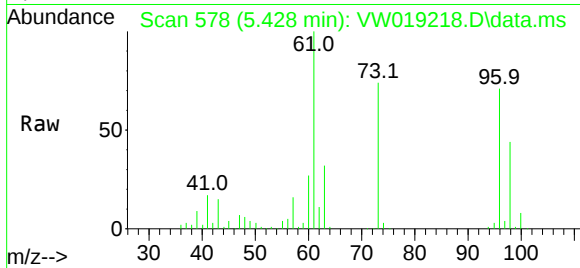




#17
trans-1,2-Dichloroethene
Concen: 26.048 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

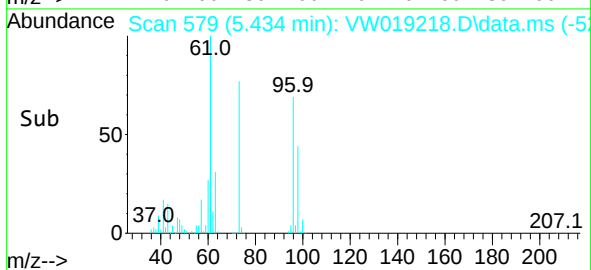
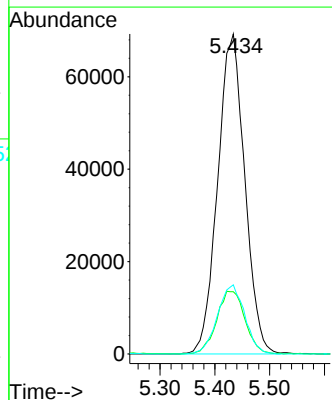
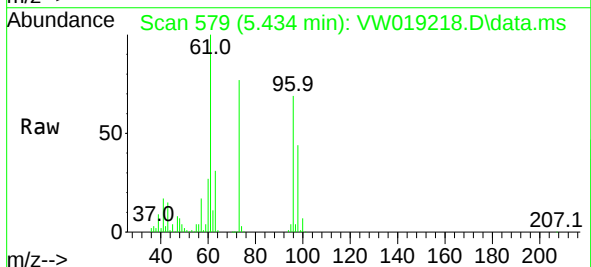
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

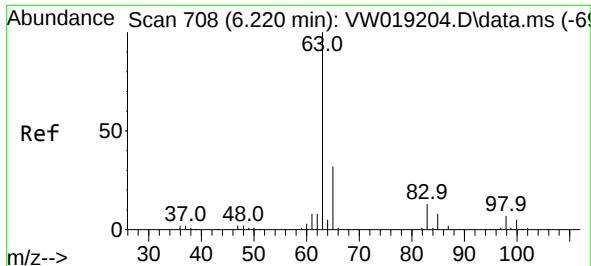
Tgt Ion:	96	Resp:	191736
Ion	Ratio	Lower	Upper
96	100		
61	139.9	98.3	182.7
98	61.4	46.1	85.7



#18
Methyl tert-butyl Ether
Concen: 24.962 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:	73	Resp:	237528
Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.7	26.5
57	21.7	17.0	25.4





#19

1,1-Dichloroethane

Concen: 26.629 ug/L

RT: 6.220 min Scan# 708

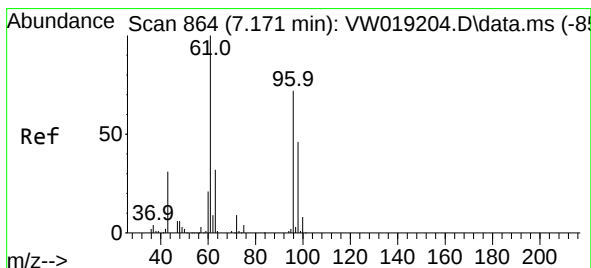
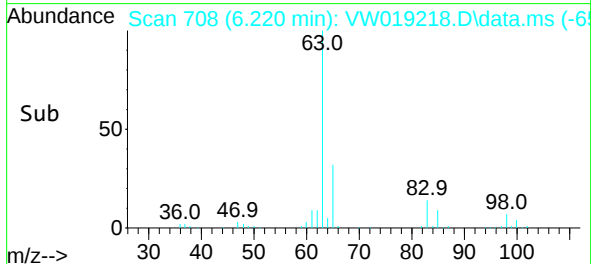
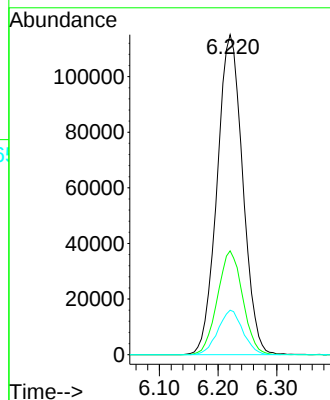
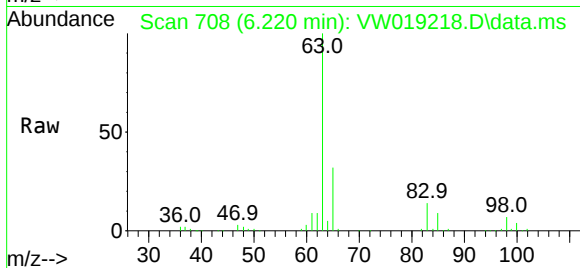
Delta R.T. 0.000 min

Lab File: VW019218.D

Acq: 14 Jun 2021 16:24

Tgt Ion: 63 Resp: 347919

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	13.9	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.701 ug/L

RT: 7.171 min Scan# 864

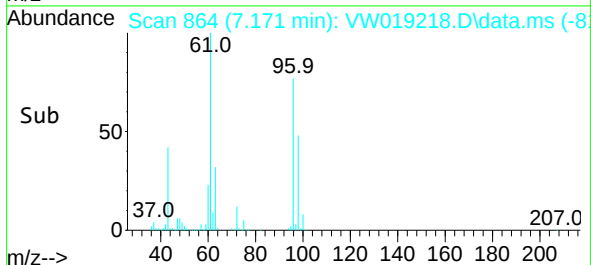
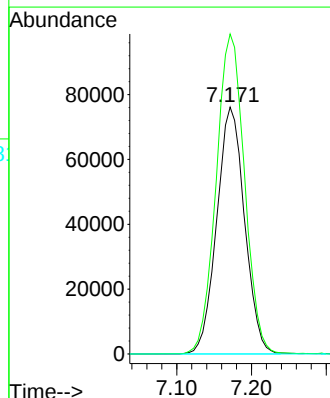
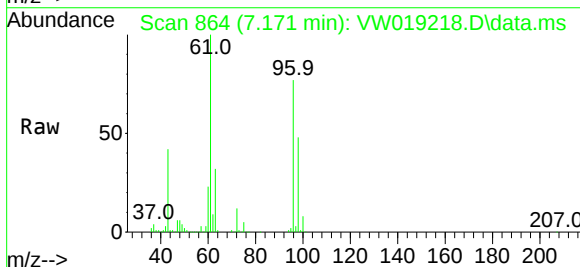
Delta R.T. 0.000 min

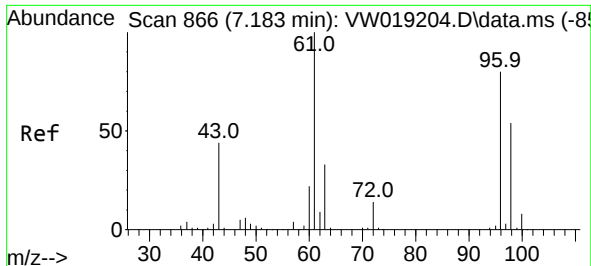
Lab File: VW019218.D

Acq: 14 Jun 2021 16:24

Tgt Ion: 96 Resp: 196974

Ion	Ratio	Lower	Upper
96	100		
61	129.6	88.5	164.3
68	0.0	0.0	0.0

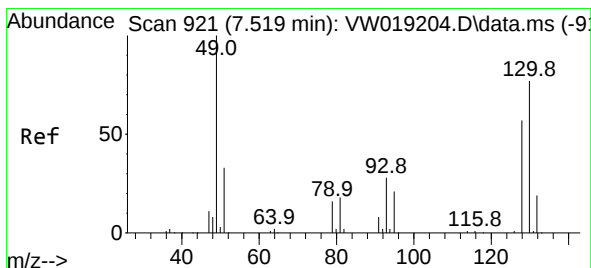
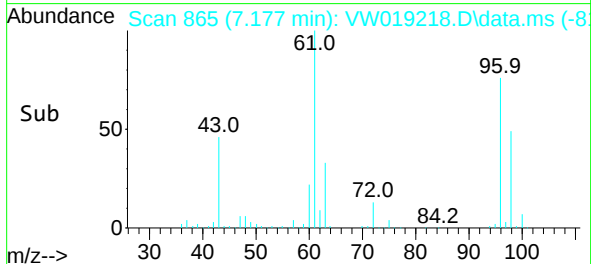
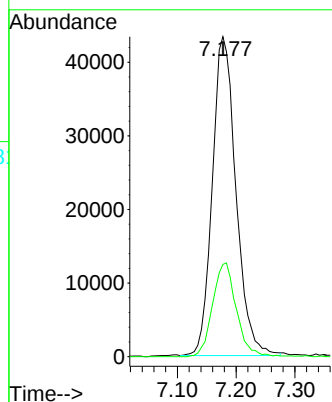
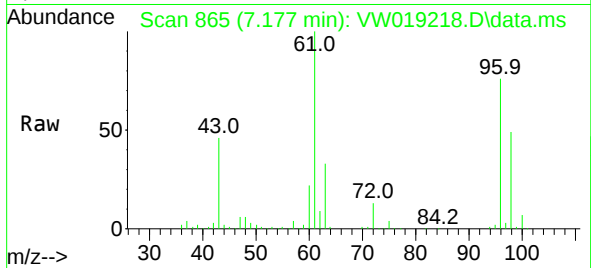




#22
2-Butanone
Concen: 61.267 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

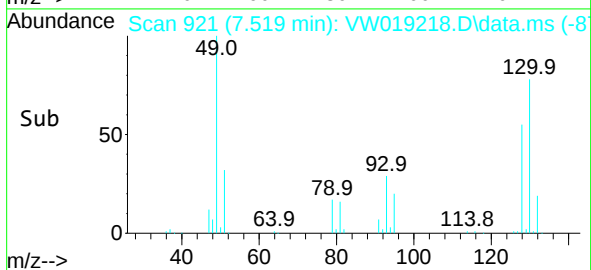
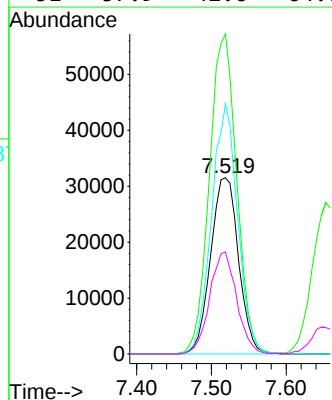
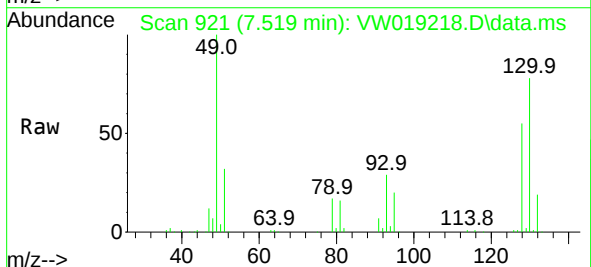
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

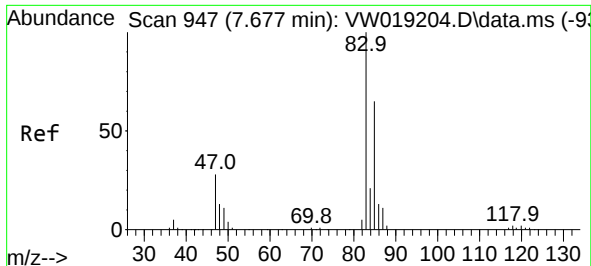
Tgt Ion: 43 Resp: 121145
Ion Ratio Lower Upper
43 100
72 29.3 14.9 44.7



#23
Bromochloromethane
Concen: 24.313 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 128 Resp: 81974
Ion Ratio Lower Upper
128 100
49 181.6 116.3 215.9
130 141.8 82.4 153.0
51 57.9 42.6 64.0

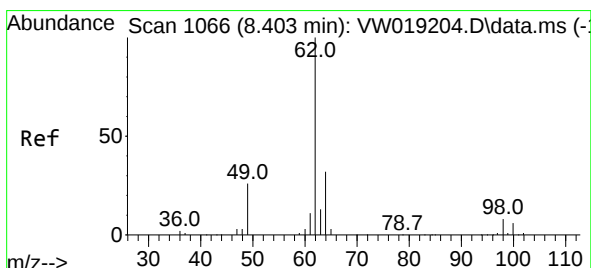
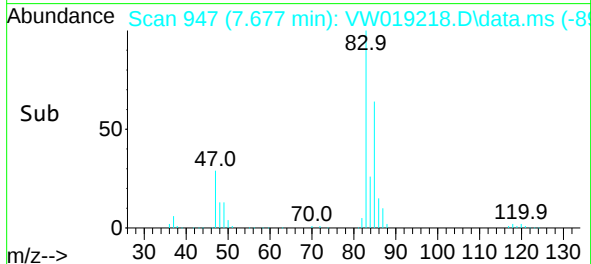
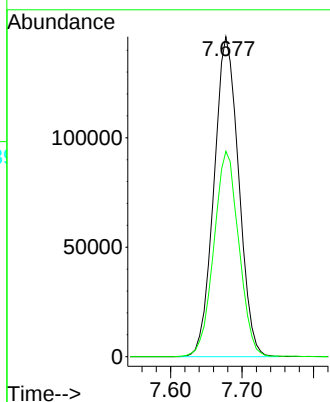
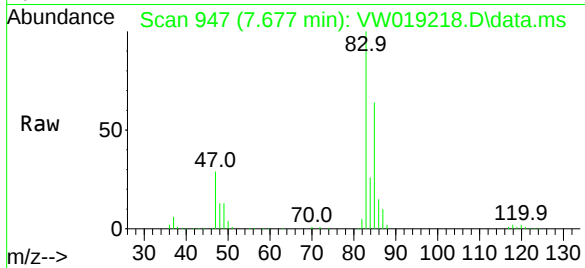




#25
Chloroform
Concen: 26.331 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

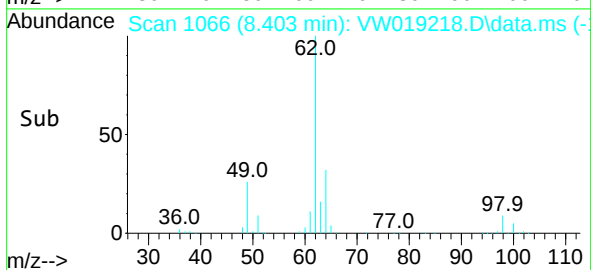
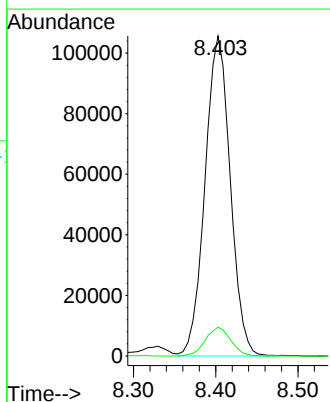
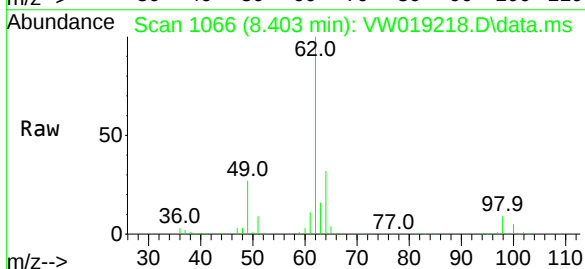
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

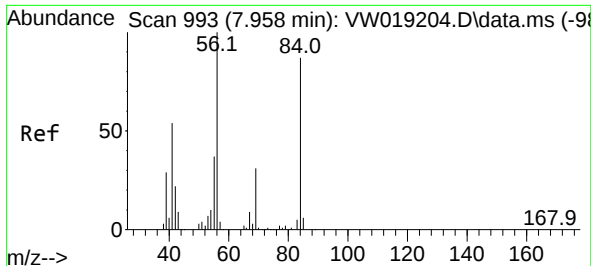
Tgt Ion: 83 Resp: 350865
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.985 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 62 Resp: 225457
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3





#29

Cyclohexane

Concen: 27.567 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

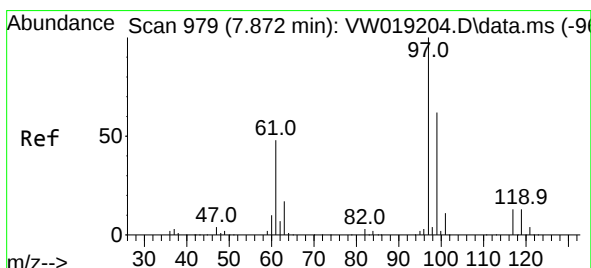
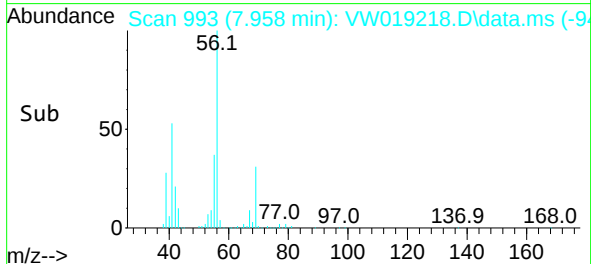
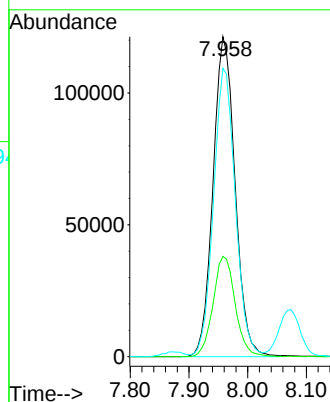
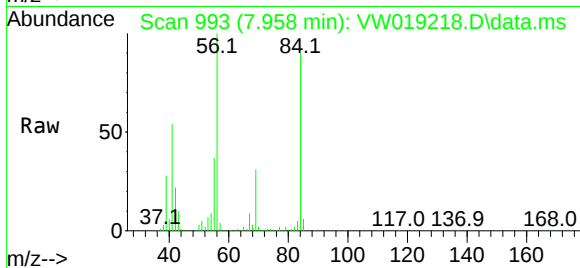
Lab File: VW019218.D

Acq: 14 Jun 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 56 Resp: 316727

Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.5	36.7
84	88.9	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 27.035 ug/L

RT: 7.878 min Scan# 980

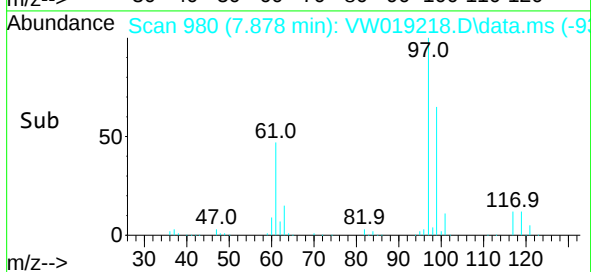
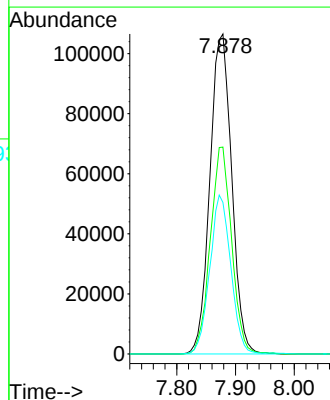
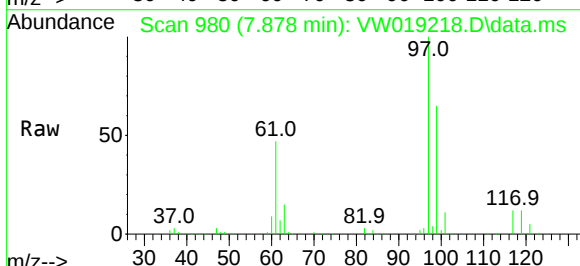
Delta R.T. 0.006 min

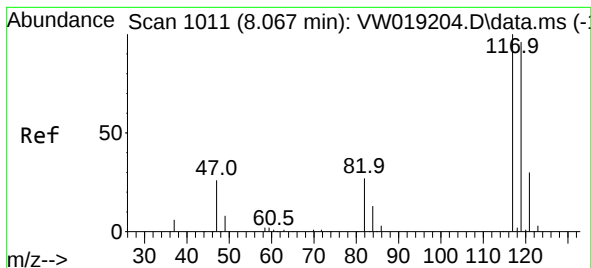
Lab File: VW019218.D

Acq: 14 Jun 2021 16:24

Tgt Ion: 97 Resp: 274665

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	47.8	37.8	56.6

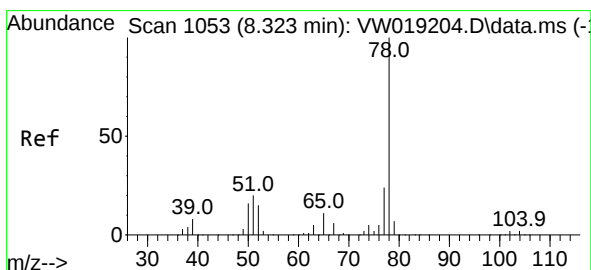
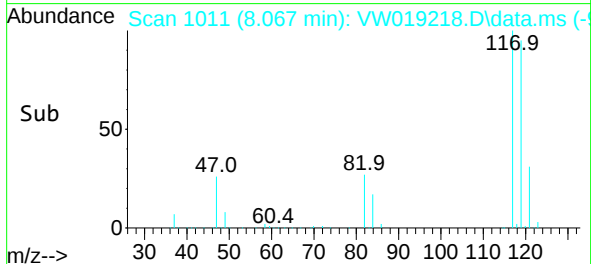
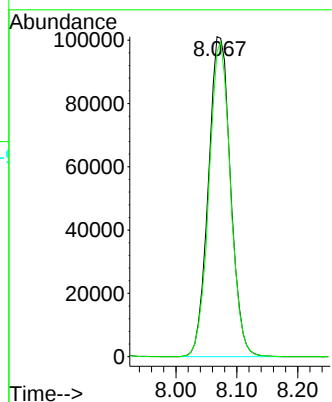
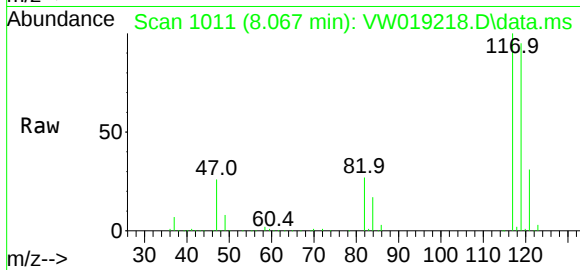




#31
Carbon tetrachloride
Concen: 27.258 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

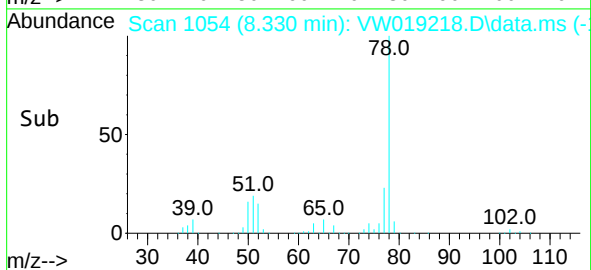
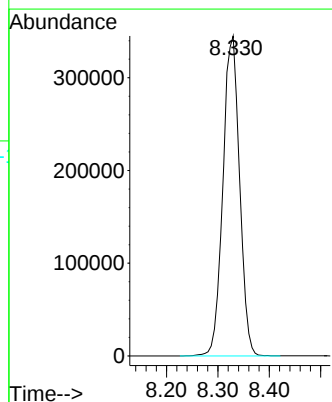
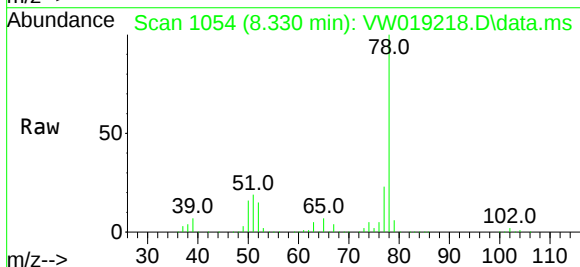
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

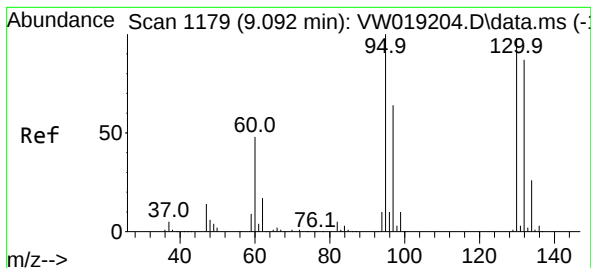
Tgt Ion:117 Resp: 255702
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 26.777 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 78 Resp: 777662



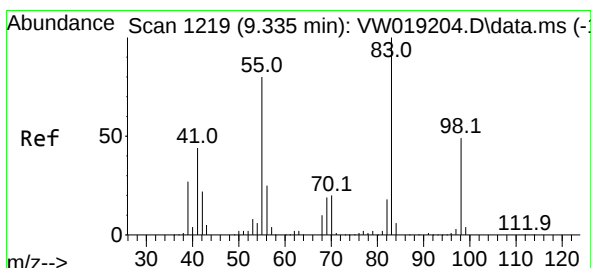
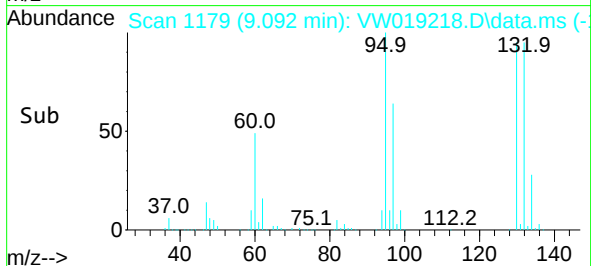
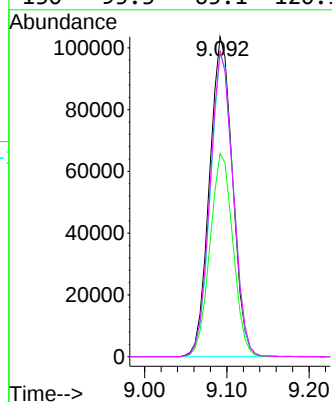
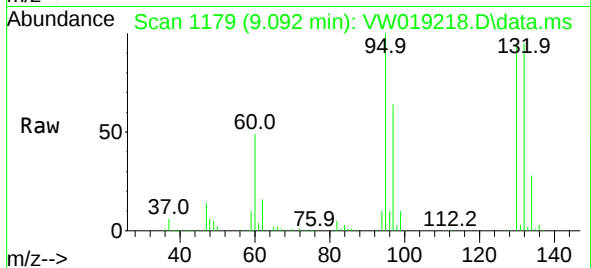


#34
Trichloroethene
Concen: 26.610 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 95 Resp: 201459

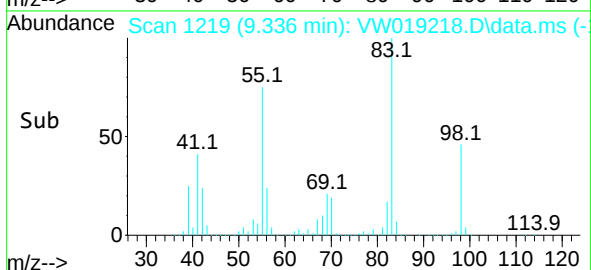
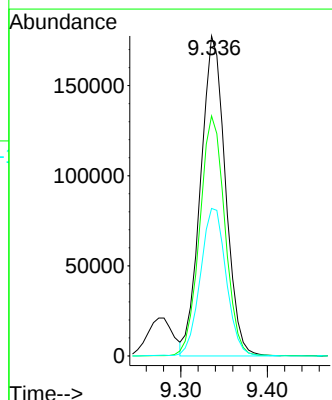
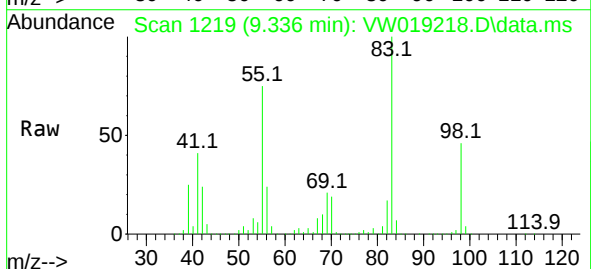
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.3	87.8
132	95.3	71.0	131.8
130	95.3	65.1	120.9

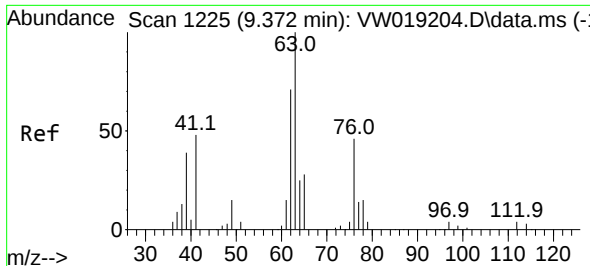


#35
Methylcyclohexane
Concen: 27.140 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 83 Resp: 353575

Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.9	88.3
98	47.9	40.1	60.1

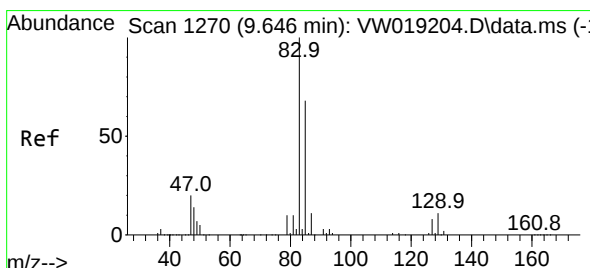
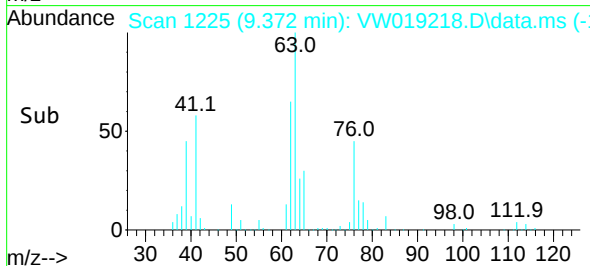
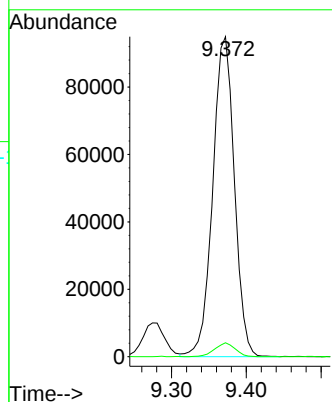
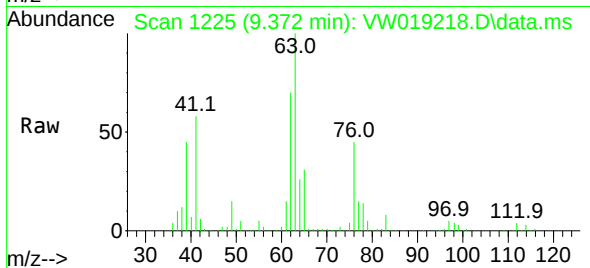




#37
1,2-Dichloropropane
Concen: 26.768 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

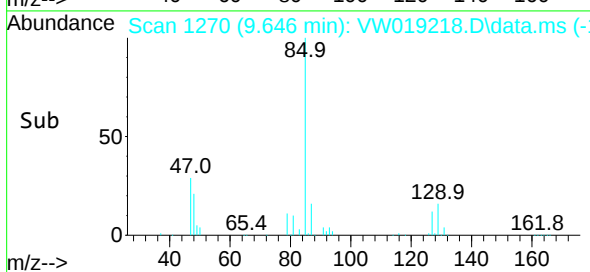
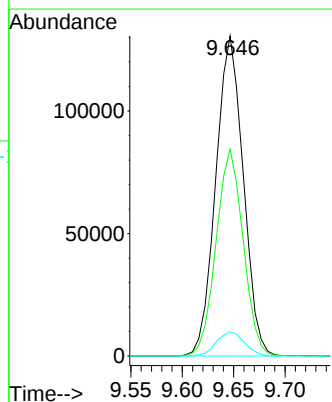
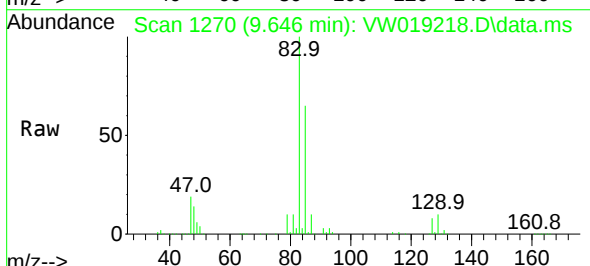
Instrument :
MSVOA_W
ClientSampled :
VSTD025114

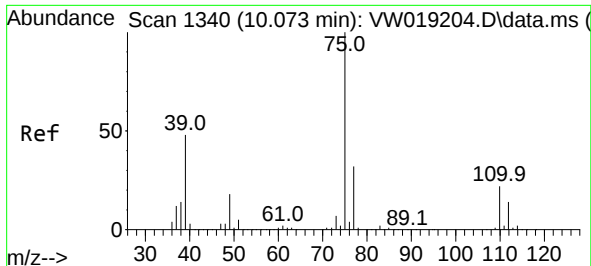
Tgt Ion: 63 Resp: 190962
Ion Ratio Lower Upper
63 100
112 4.1 3.9 5.9



#38
Bromodichloromethane
Concen: 26.243 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 83 Resp: 242834
Ion Ratio Lower Upper
83 100
85 64.6 42.3 78.5
127 7.6 6.6 9.8

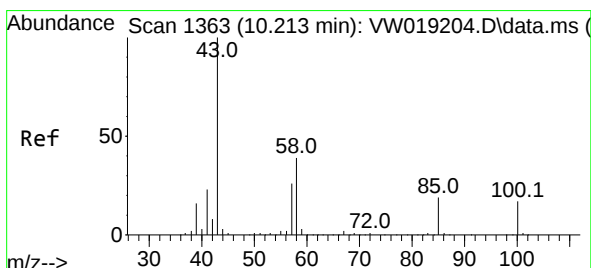
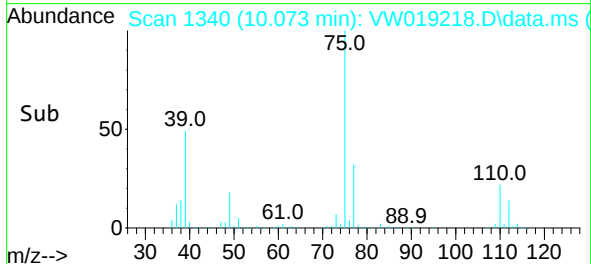
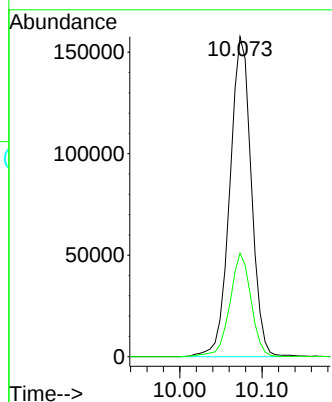
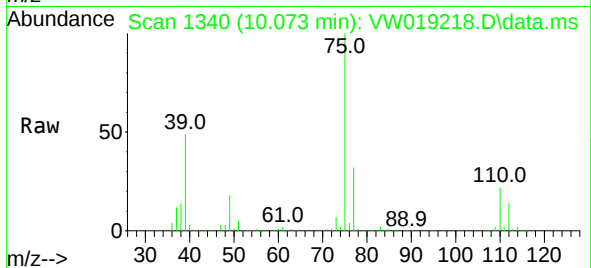




#39
cis-1,3-Dichloropropene
Concen: 25.861 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

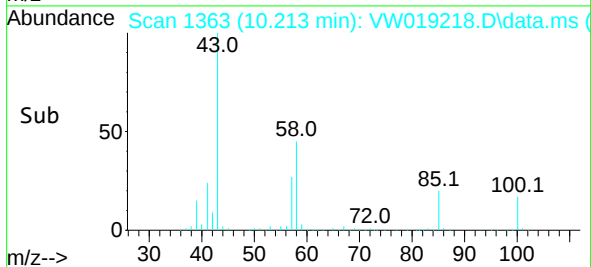
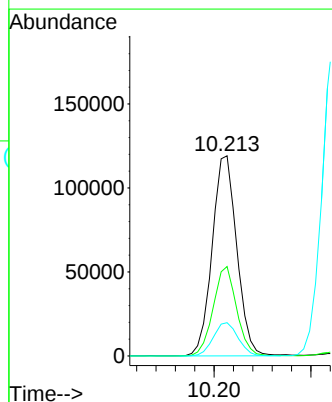
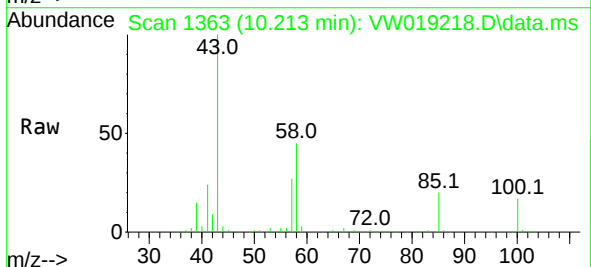
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

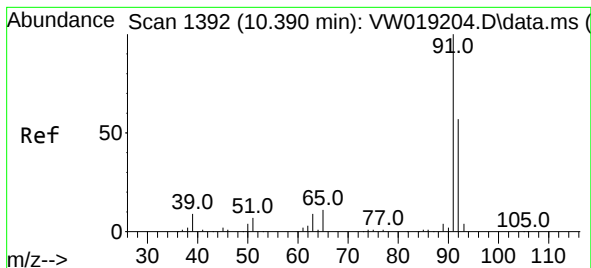
Tgt Ion: 75 Resp: 285866
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 49.656 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 43 Resp: 210970
Ion Ratio Lower Upper
43 100
58 42.5 31.0 46.4
100 16.8 13.0 19.6





#42

Toluene

Concen: 26.617 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019218.D

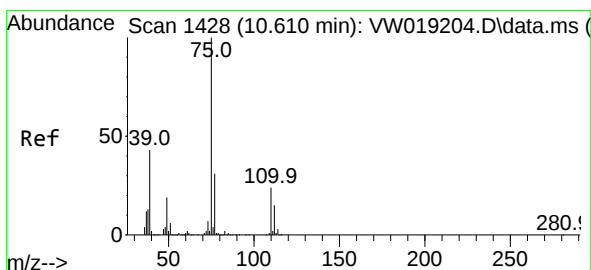
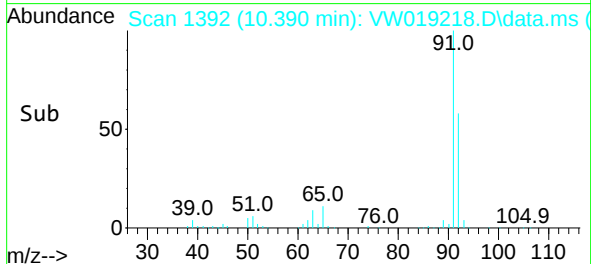
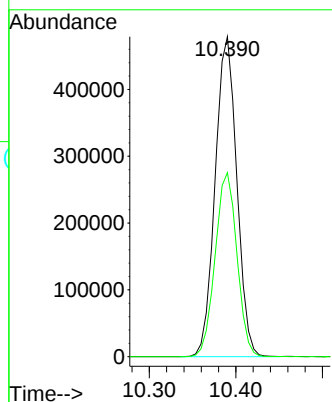
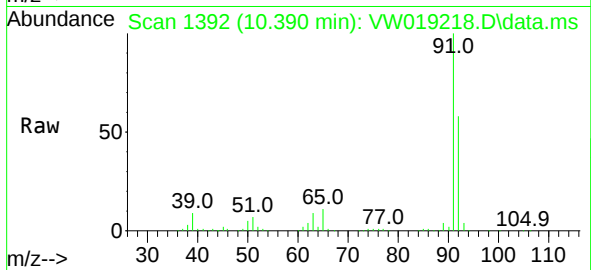
Acq: 14 Jun 2021 16:24

Tgt Ion: 91 Resp: 831653

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 25.842 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW019218.D

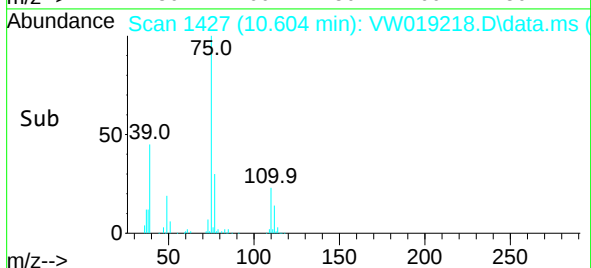
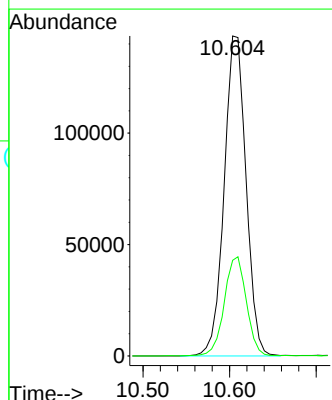
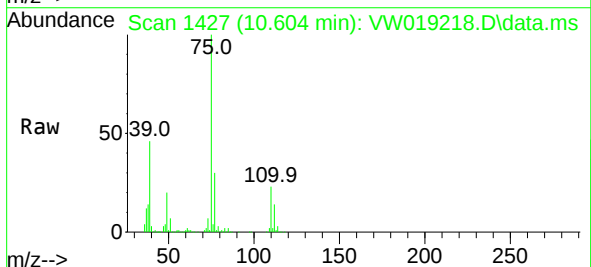
Acq: 14 Jun 2021 16:24

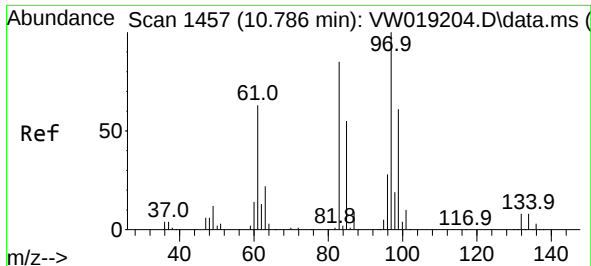
Tgt Ion: 75 Resp: 252144

Ion Ratio Lower Upper

75 100

77 29.9 21.1 39.1



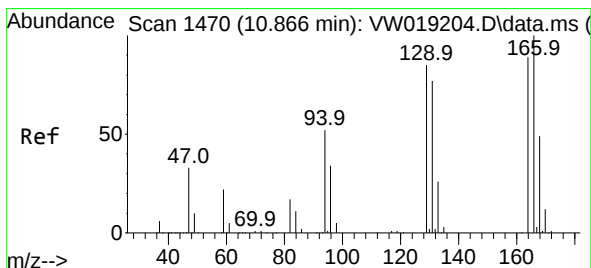
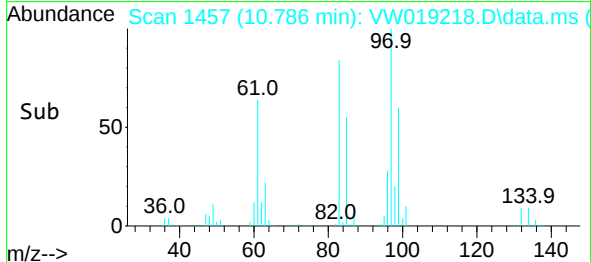
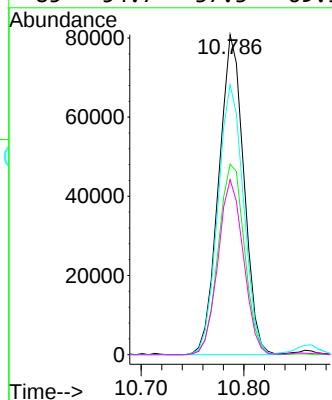
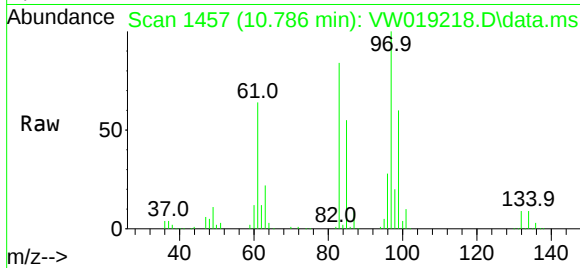


#45
1,1,2-Trichloroethane
Concen: 25.536 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 97 Resp: 137164

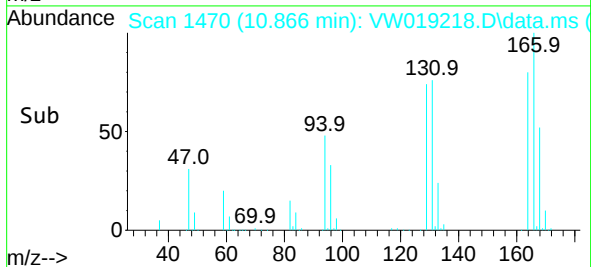
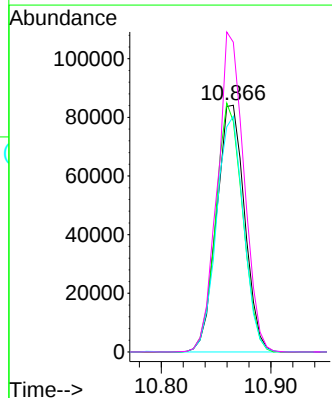
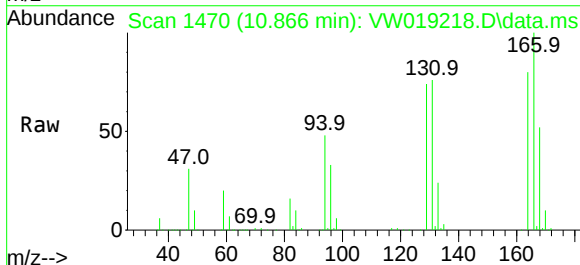
Ion	Ratio	Lower	Upper
97	100		
99	59.6	45.1	83.7
83	84.4	58.1	107.9
85	54.7	37.3	69.3

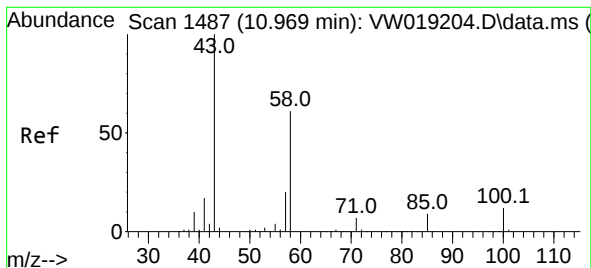


#46
Tetrachloroethene
Concen: 25.872 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 164 Resp: 149720

Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.7	123.9
131	95.5	61.1	113.5
166	125.5	87.0	161.6



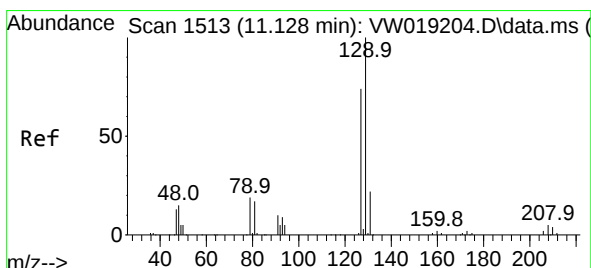
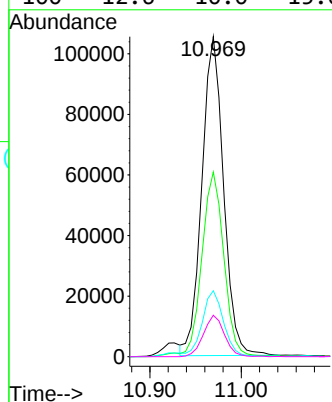
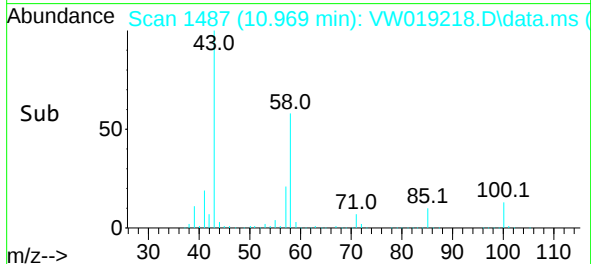
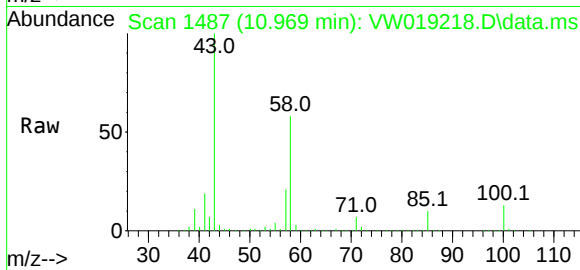


#48
2-Hexanone
Concen: 60.664 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion: 43 Resp: 173262

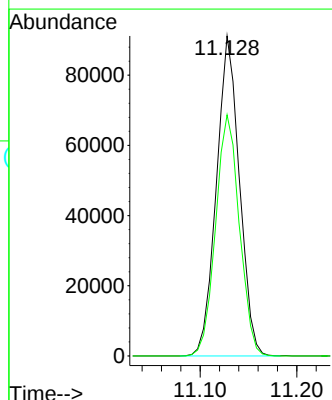
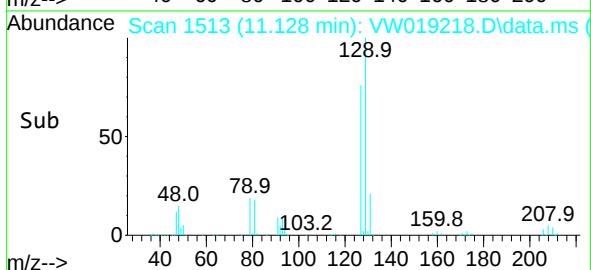
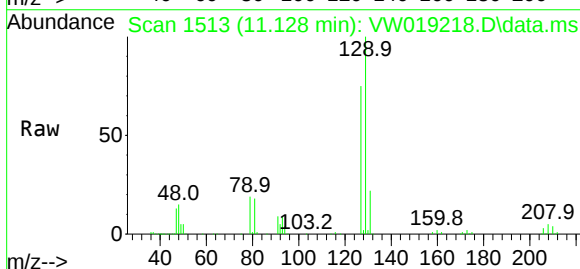
Ion	Ratio	Lower	Upper
43	100		
58	58.0	42.7	64.1
57	20.4	15.8	23.8
100	12.6	10.0	15.0

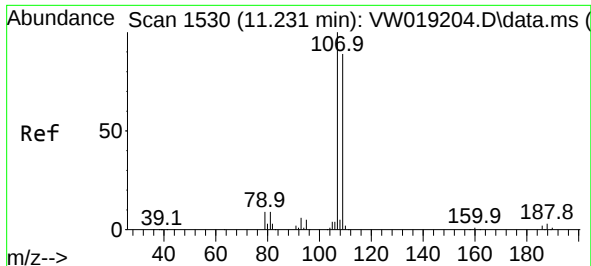


#49
Dibromochloromethane
Concen: 25.342 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 129 Resp: 150868

Ion	Ratio	Lower	Upper
129	100		
127	75.4	51.7	95.9

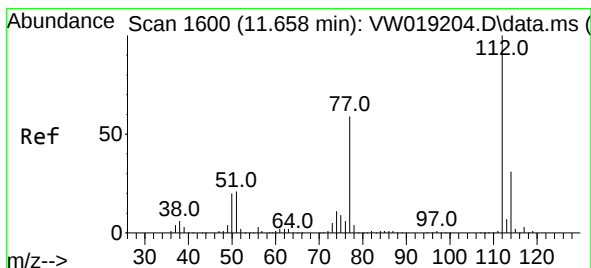
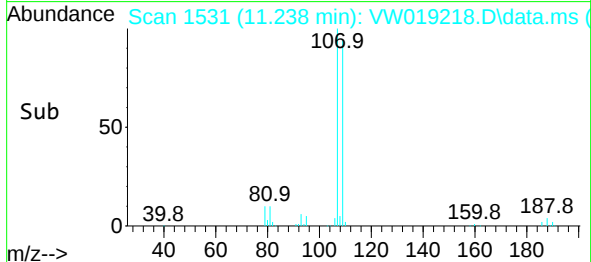
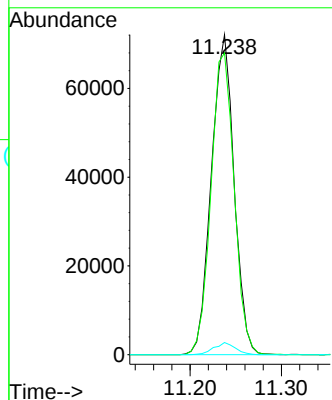
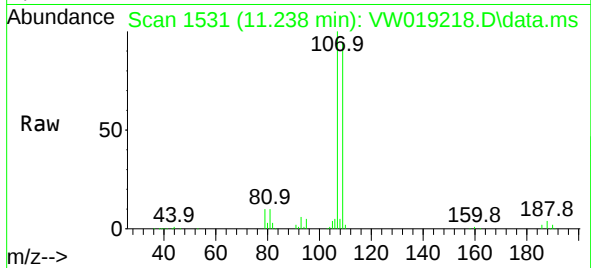




#50
1,2-Dibromoethane
Concen: 23.908 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

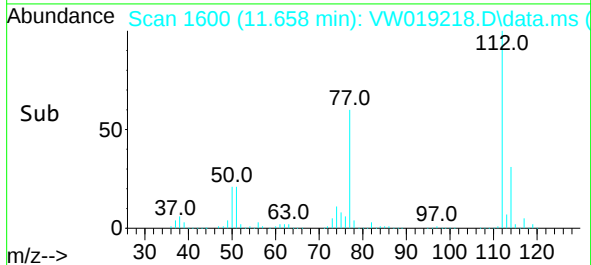
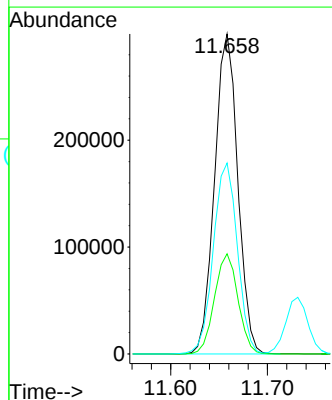
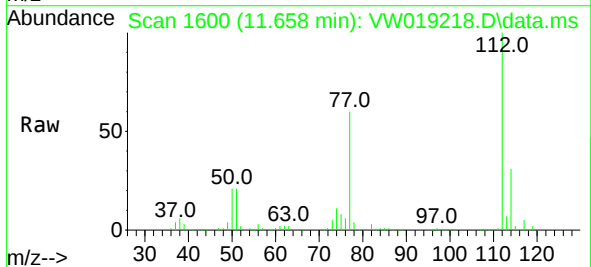
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

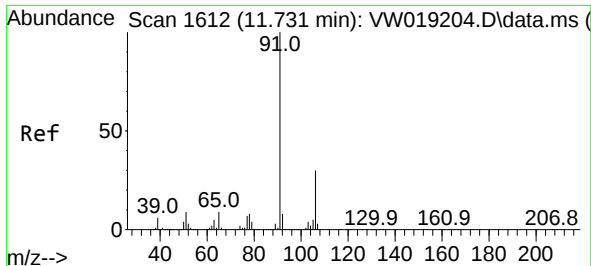
Tgt Ion:107 Resp: 124412
Ion Ratio Lower Upper
107 100
109 94.3 65.4 121.4
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 25.863 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:112 Resp: 498800
Ion Ratio Lower Upper
112 100
114 31.3 23.4 43.6
77 59.7 47.6 71.4

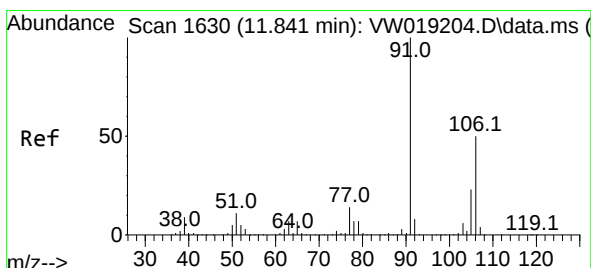
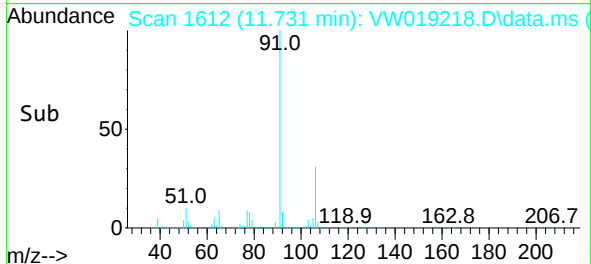
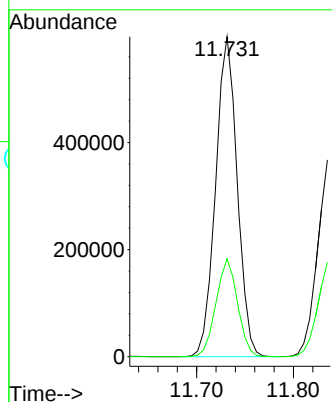
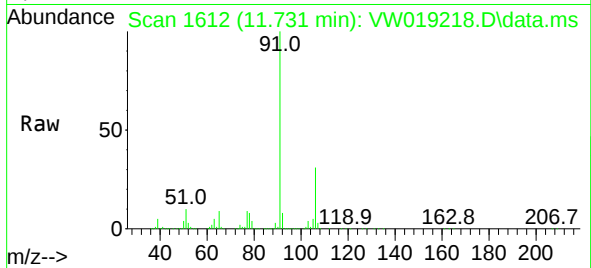




#52
Ethylbenzene
Concen: 26.973 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

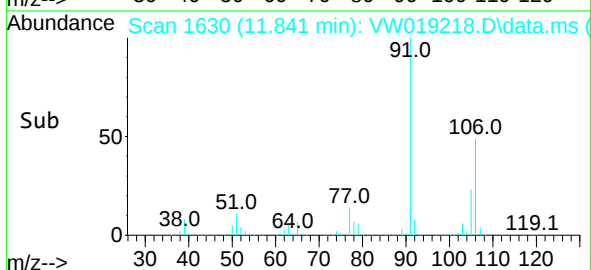
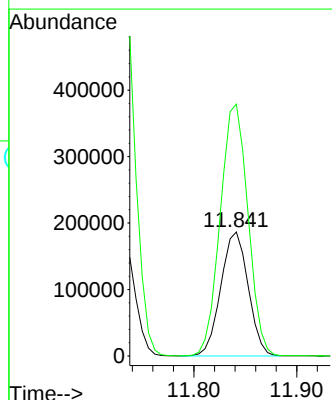
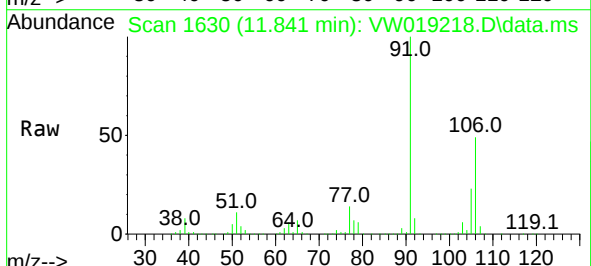
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

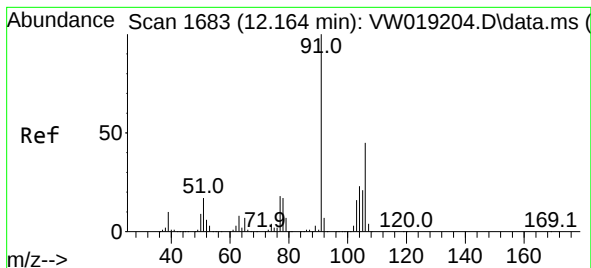
Tgt Ion: 91 Resp: 927119
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.7



#53
m,p-Xylene
Concen: 27.236 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 106 Resp: 345233
Ion Ratio Lower Upper
106 100
91 203.0 141.3 262.3

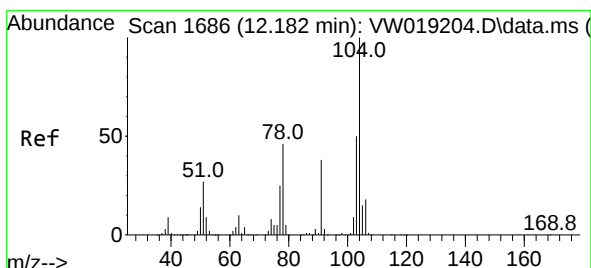
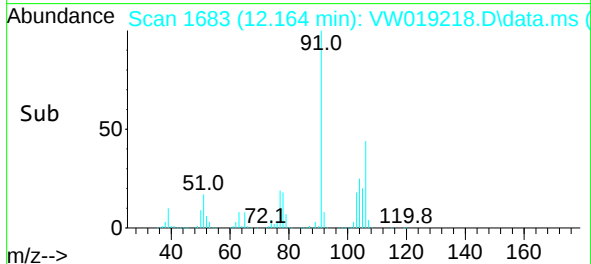
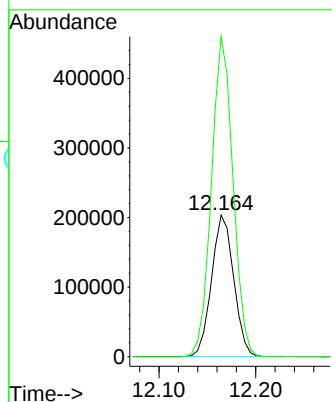
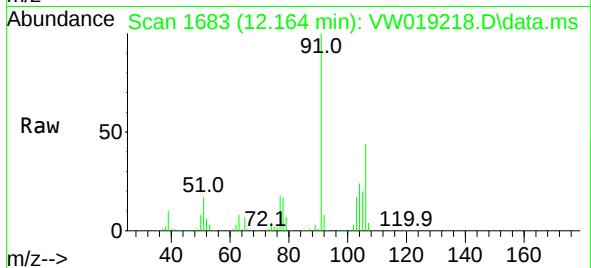




#54
o-Xylene
Concen: 26.814 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

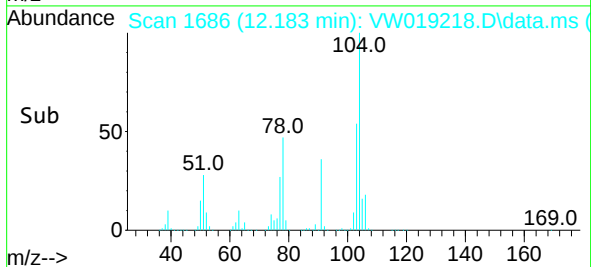
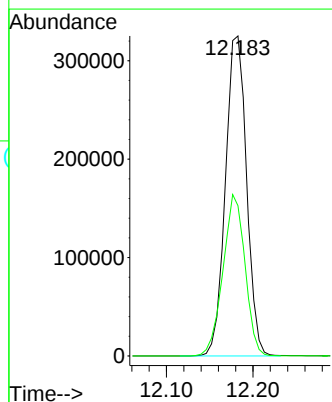
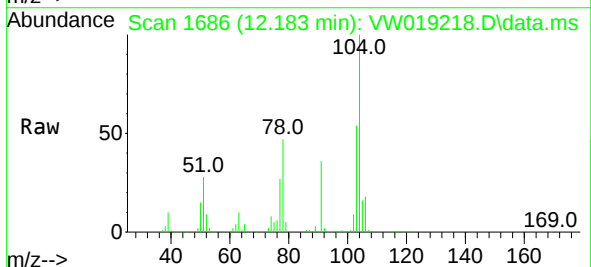
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

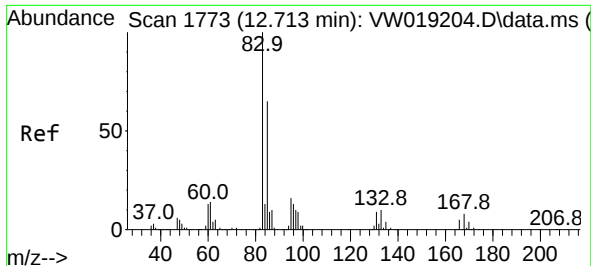
Tgt Ion:106 Resp: 323763
Ion Ratio Lower Upper
106 100
91 226.2 150.0 278.6



#55
Styrene
Concen: 26.542 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:104 Resp: 551132
Ion Ratio Lower Upper
104 100
78 46.9 32.5 60.3

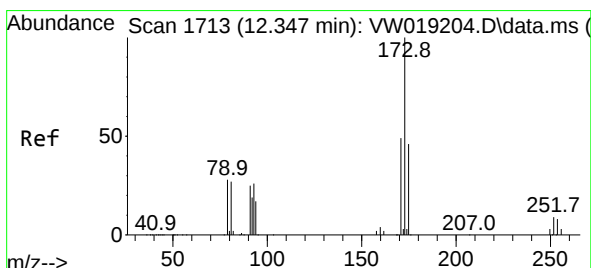
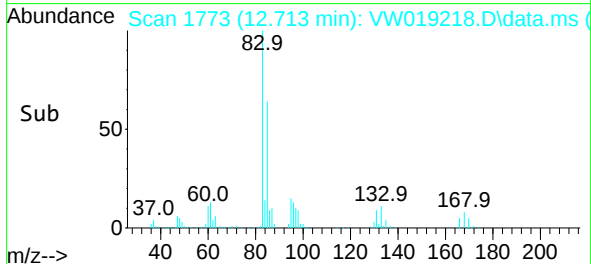
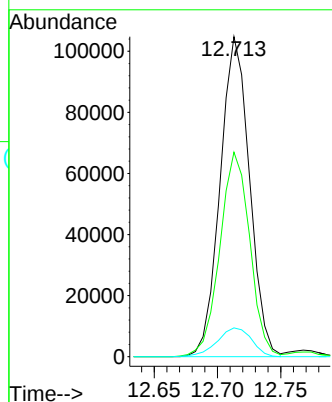
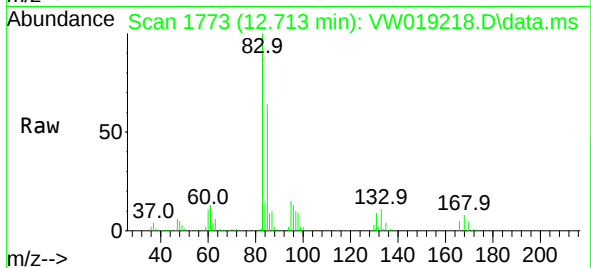




#57
1,1,2,2-Tetrachloroethane
Concen: 25.559 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

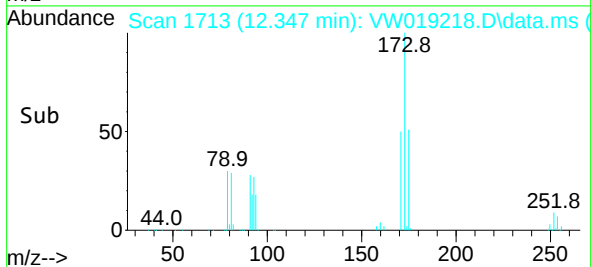
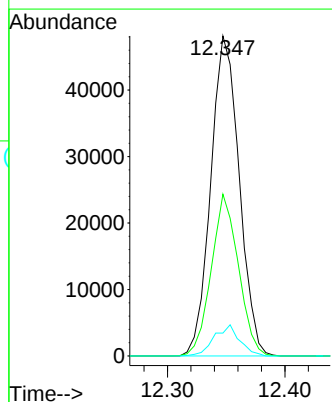
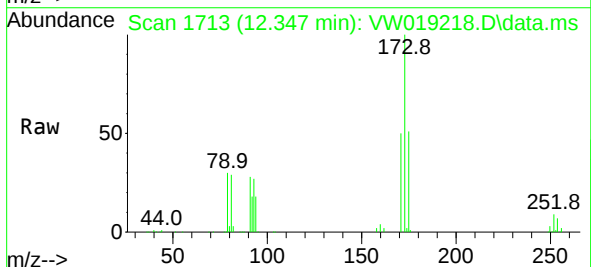
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

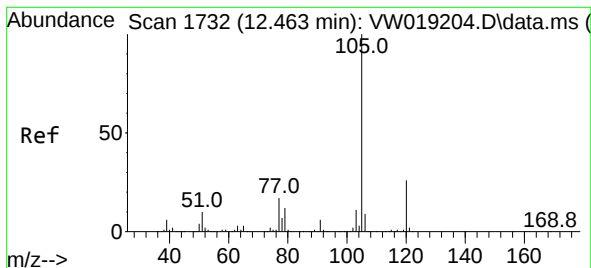
Tgt Ion: 83 Resp: 169192
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
131 9.0 8.2 12.4



#59
Bromoform
Concen: 23.830 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 173 Resp: 80917
Ion Ratio Lower Upper
173 100
175 48.3 37.5 56.3
254 8.7 7.0 10.4

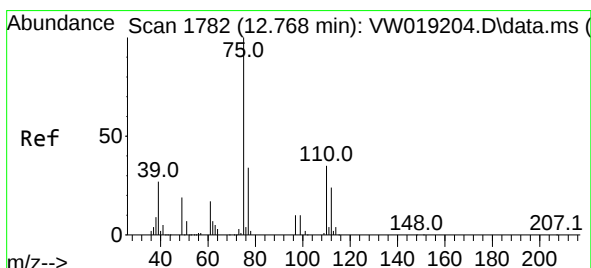
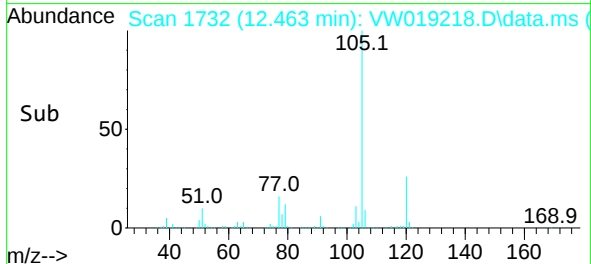
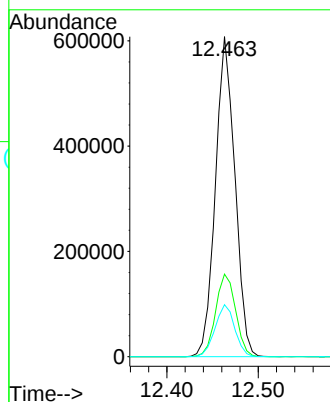
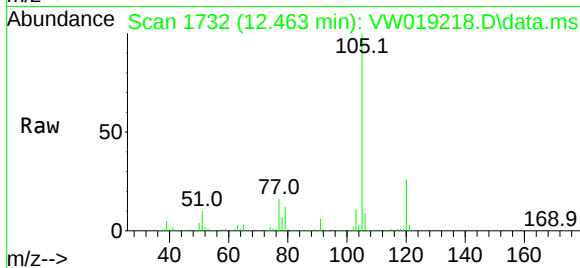




#60
Isopropylbenzene
Concen: 27.270 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

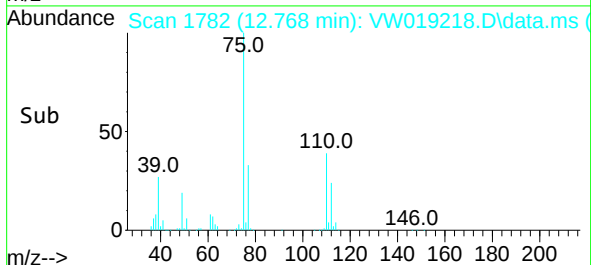
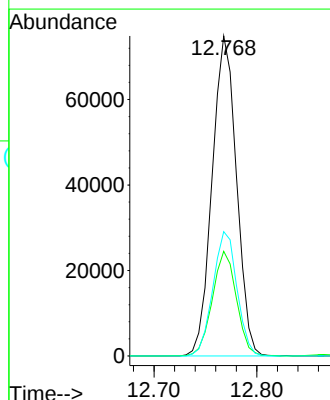
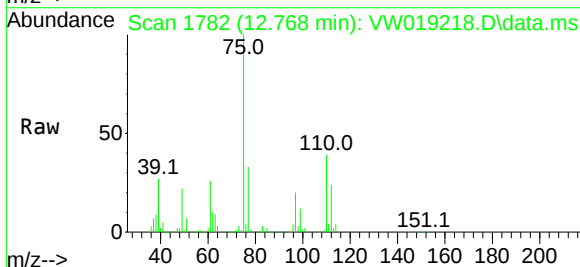
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

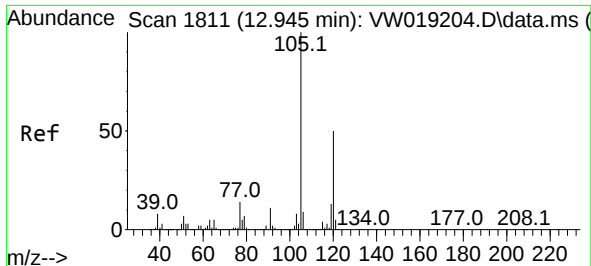
Tgt Ion:105 Resp: 899881
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.942 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion: 75 Resp: 122993
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 38.5 32.6 48.8

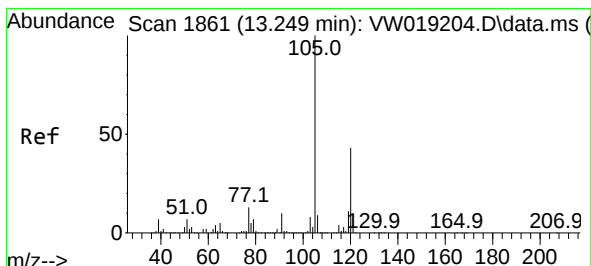
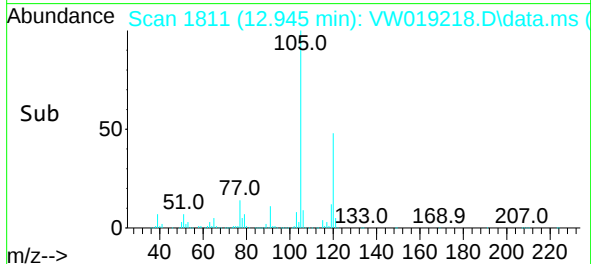
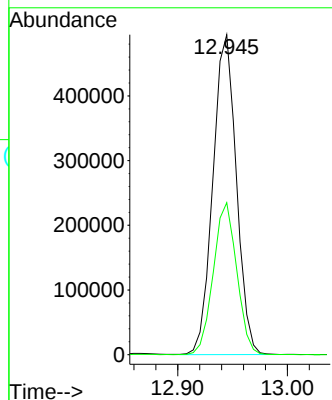
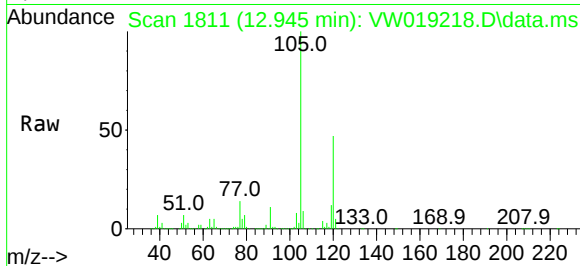




#62
1,3,5-Trimethylbenzene
Concen: 27.130 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

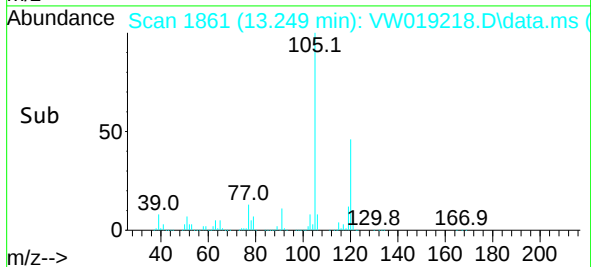
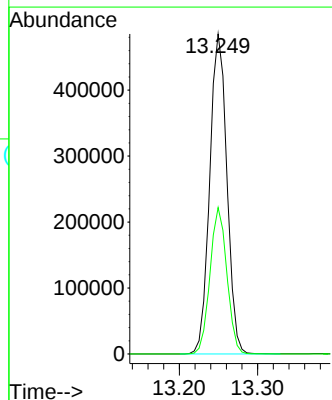
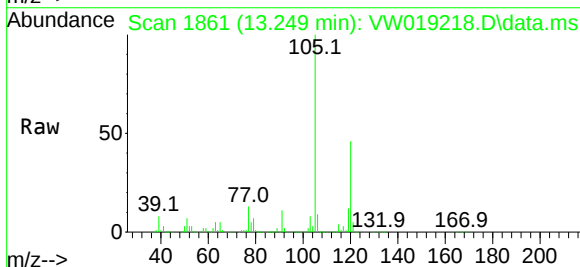
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

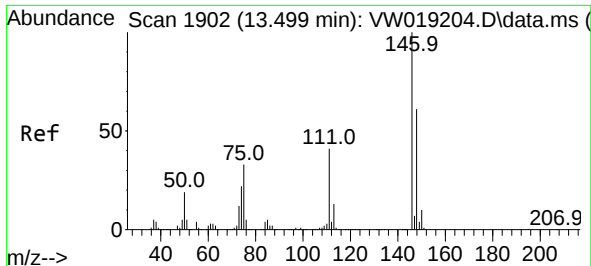
Tgt Ion:105 Resp: 735291
Ion Ratio Lower Upper
105 100
120 47.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.279 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:105 Resp: 738021
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4

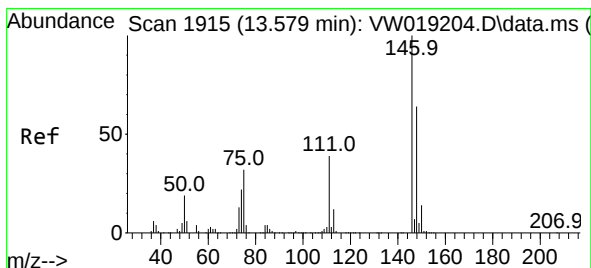
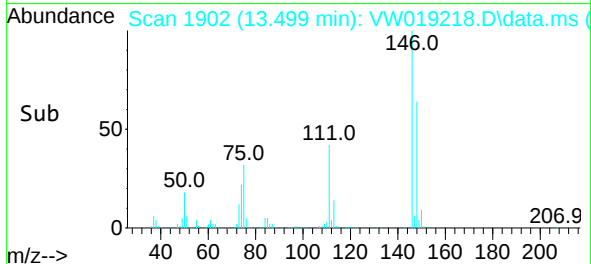
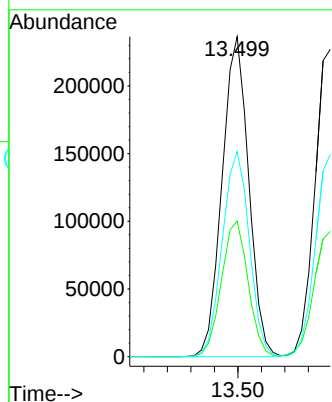
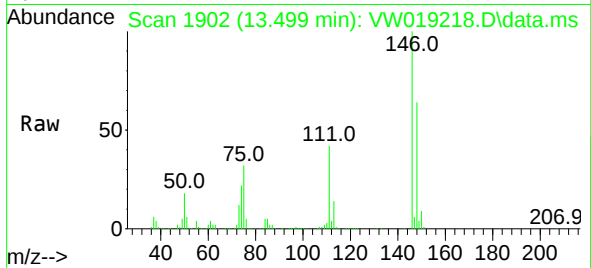




#64
1,3-Dichlorobenzene
Concen: 25.846 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

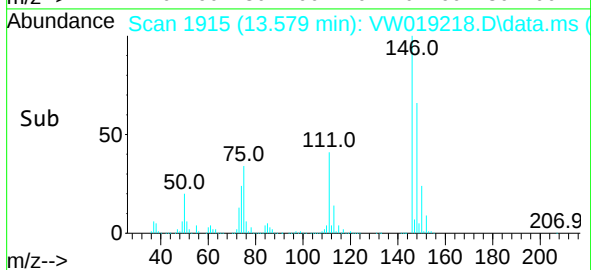
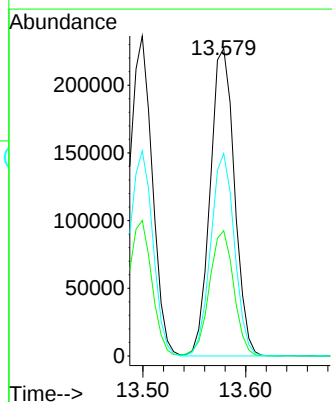
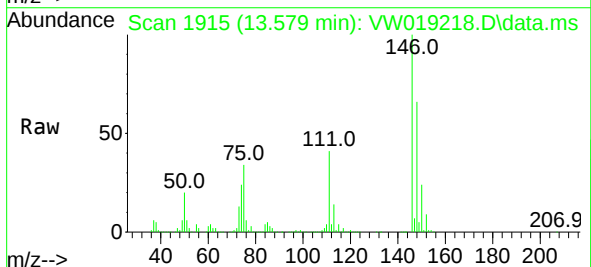
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

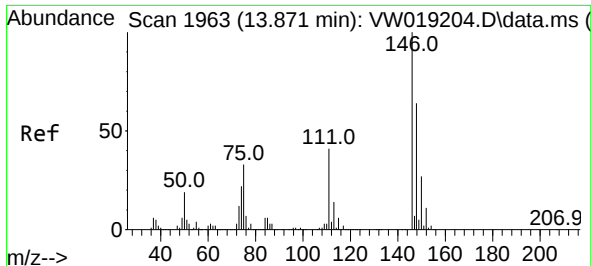
Tgt Ion:146 Resp: 372229
Ion Ratio Lower Upper
146 100
111 42.3 26.7 49.7
148 64.1 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.303 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:146 Resp: 372624
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 65.9 46.8 87.0

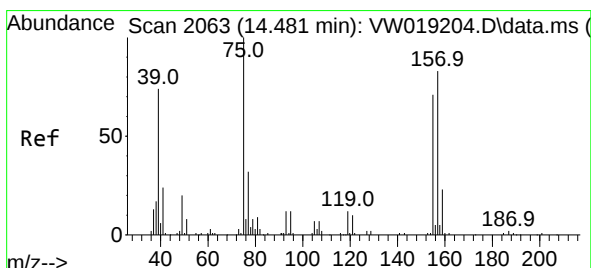
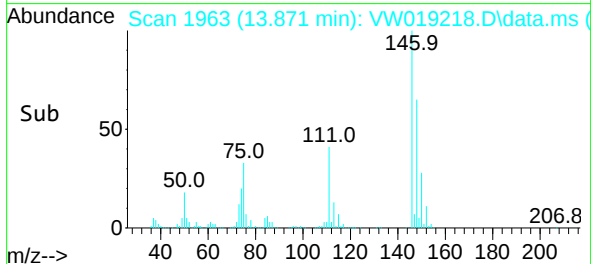
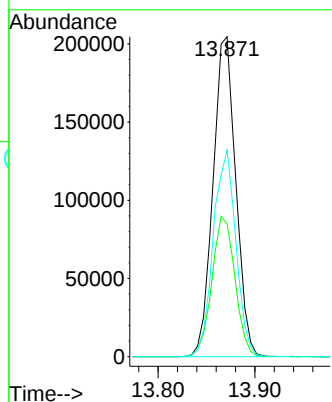
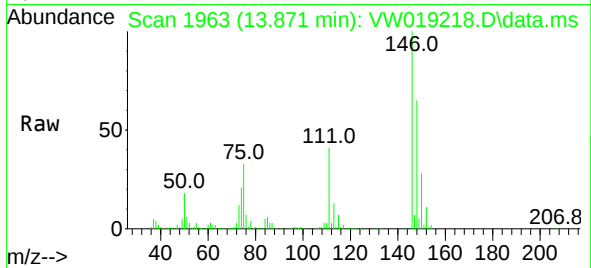




#67
1,2-Dichlorobenzene
Concen: 25.786 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

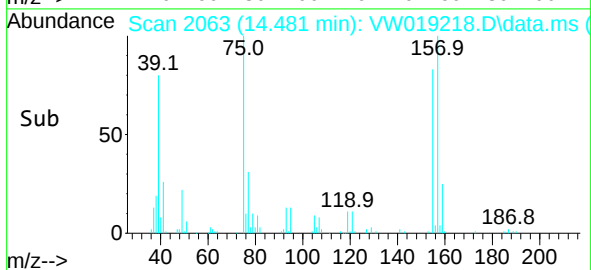
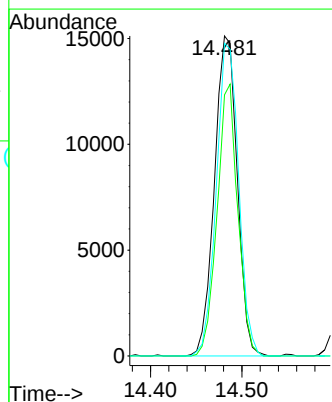
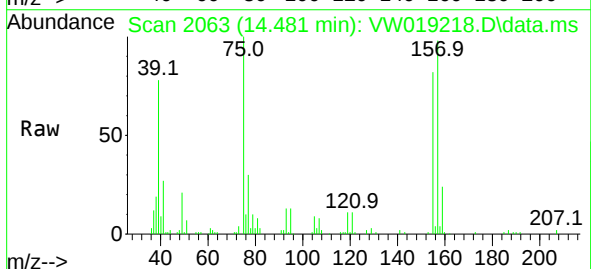
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

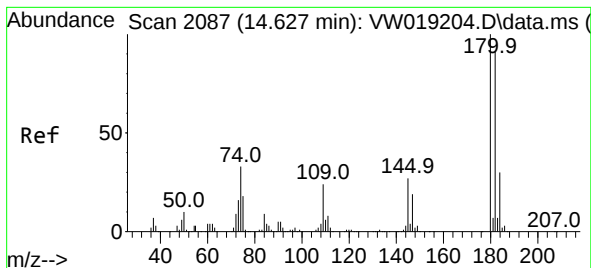
Tgt Ion:146 Resp: 334235
Ion Ratio Lower Upper
146 100
111 41.5 33.2 49.8
148 64.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.256 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

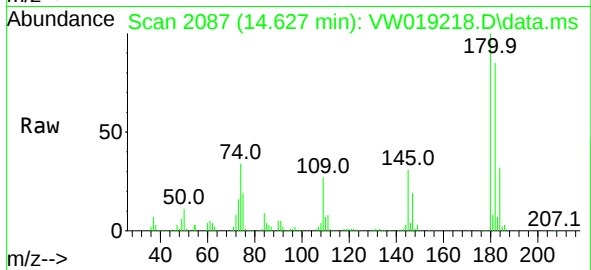
Tgt Ion: 75 Resp: 26183
Ion Ratio Lower Upper
75 100
155 81.6 59.4 89.0
157 97.7 72.2 108.2



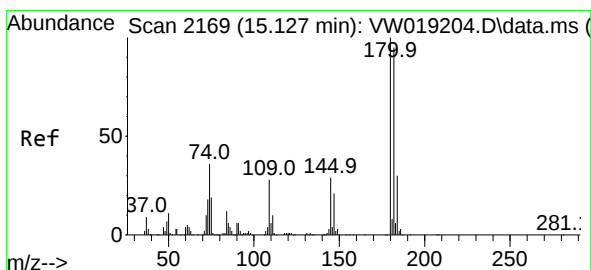
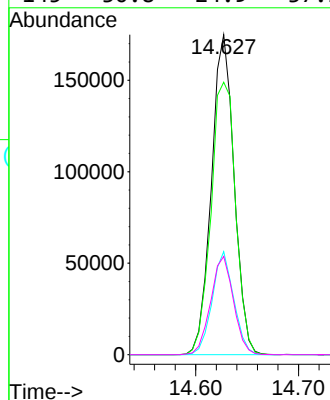
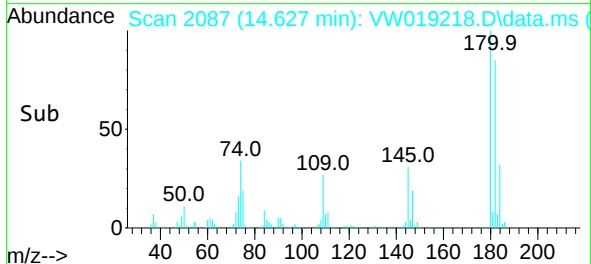


#69
1,3,5-Trichlorobenzene
Concen: 25.833 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

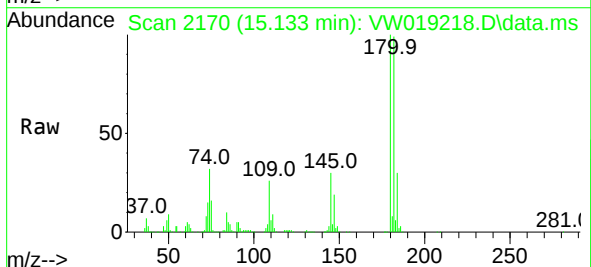
Instrument :
MSVOA_W
ClientSampleId :
VSTD025114



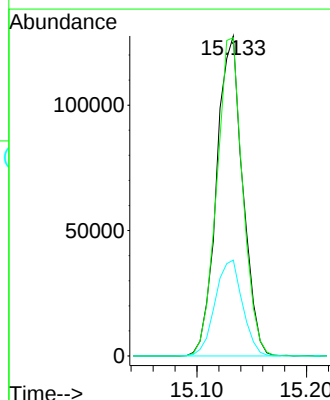
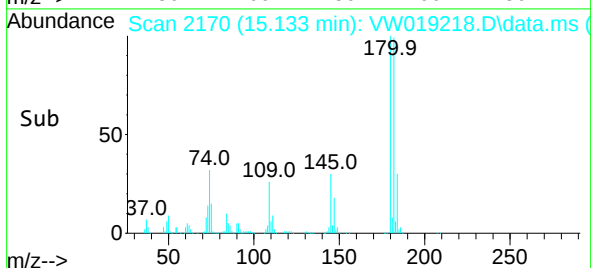
Tgt Ion:	180	Resp:	268810
Ion Ratio	Lower	Upper	
180	100		
182	92.3	73.4	110.2
184	30.6	23.6	35.4
145	30.8	24.9	37.3

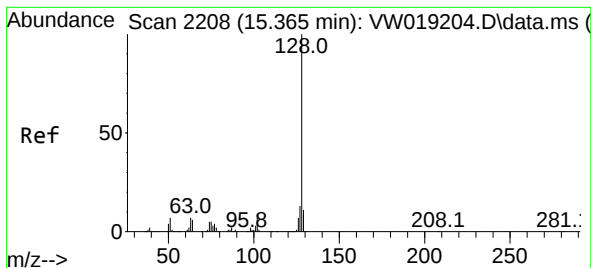


#70
1,2,4-trichlorobenzene
Concen: 24.735 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24



Tgt Ion:	180	Resp:	211234
Ion Ratio	Lower	Upper	
180	100		
182	98.8	74.7	112.1
145	31.4	25.0	37.4

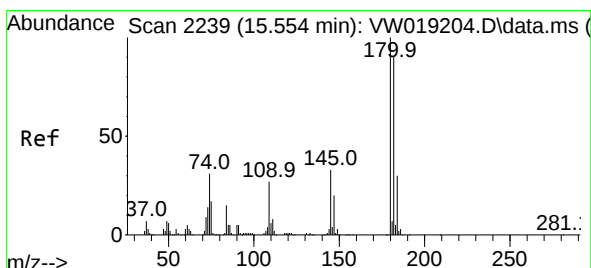
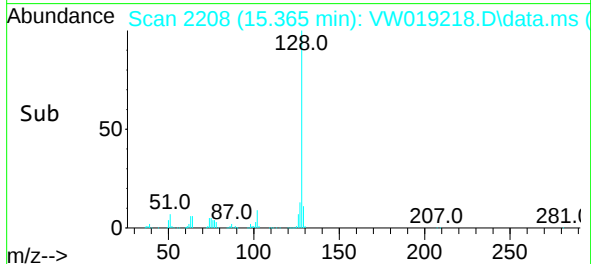
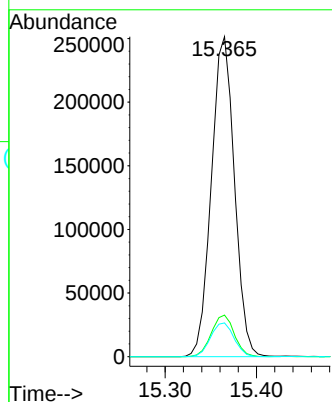
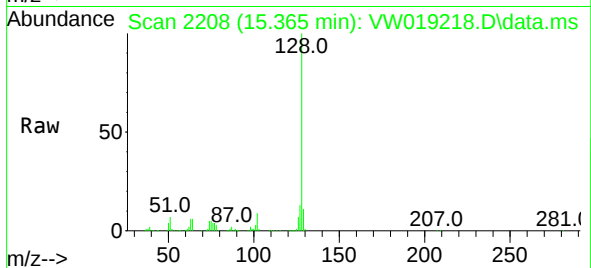




#71
Naphthalene
Concen: 25.904 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025114

Tgt Ion:128 Resp: 441066
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.071 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019218.D
Acq: 14 Jun 2021 16:24

Tgt Ion:180 Resp: 189702
Ion Ratio Lower Upper
180 100
182 100.0 76.7 115.1
145 33.2 28.9 43.3

