

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020523.D
 Acq On : 15 Oct 2021 04:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025035

Quant Time: Oct 15 08:01:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	186497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	179267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53946	19.879	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.520%		
7) Chloroethane-d5	2.879	69	32274	22.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.040%		
11) 1,1-Dichloroethene-d2	4.019	63	121253	21.806	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.240%		
21) 2-Butanone-d5	7.080	46	59957	72.598	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.200%#		
24) Chloroform-d	7.653	84	155246	26.114	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.440%		
26) 1,2-Dichloroethane-d4	8.311	65	94666	27.882	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.520%		
32) Benzene-d6	8.275	84	284484	24.125	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.520%		
36) 1,2-Dichloropropane-d6	9.274	67	99080	25.781	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.120%		
41) Toluene-d8	10.329	98	258395	24.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.680%		
43) trans-1,3-Dichloroprop...	10.579	79	41234	26.403	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.600%		
47) 2-Hexanone-d5	10.927	63	44112	74.614	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.220%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	92137	31.717	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	126.880%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	93220	25.945	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	17401	14.439	ug/L	100
3) Chloromethane	2.215	50	61646	24.601	ug/L	99
5) Vinyl chloride	2.361	62	81376	23.089	ug/L	98
6) Bromomethane	2.776	94	31303	20.449	ug/L	99
8) Chloroethane	2.916	64	29808	22.904	ug/L	98
9) Trichlorofluoromethane	3.257	101	46211	23.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	65765	22.996	ug/L	99
12) 1,1-Dichloroethene	4.044	96	61557	23.476	ug/L	98
13) Acetone	4.123	43	34998	46.157	ug/L	100
14) Carbon disulfide	4.385	76	190421	22.326	ug/L	100
15) Methyl Acetate	4.678	43	45284	32.160	ug/L	98
16) Methylene chloride	4.916	84	89079	24.570	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	67599	24.571	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	115698	29.850	ug/L	100
19) 1,1-Dichloroethane	6.220	63	143077	25.369	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	74988	26.224	ug/L	100
22) 2-Butanone	7.177	43	55440	58.411	ug/L	99
23) Bromochloromethane	7.513	128	32966	26.285	ug/L	97
25) Chloroform	7.683	83	141193	25.752	ug/L	99

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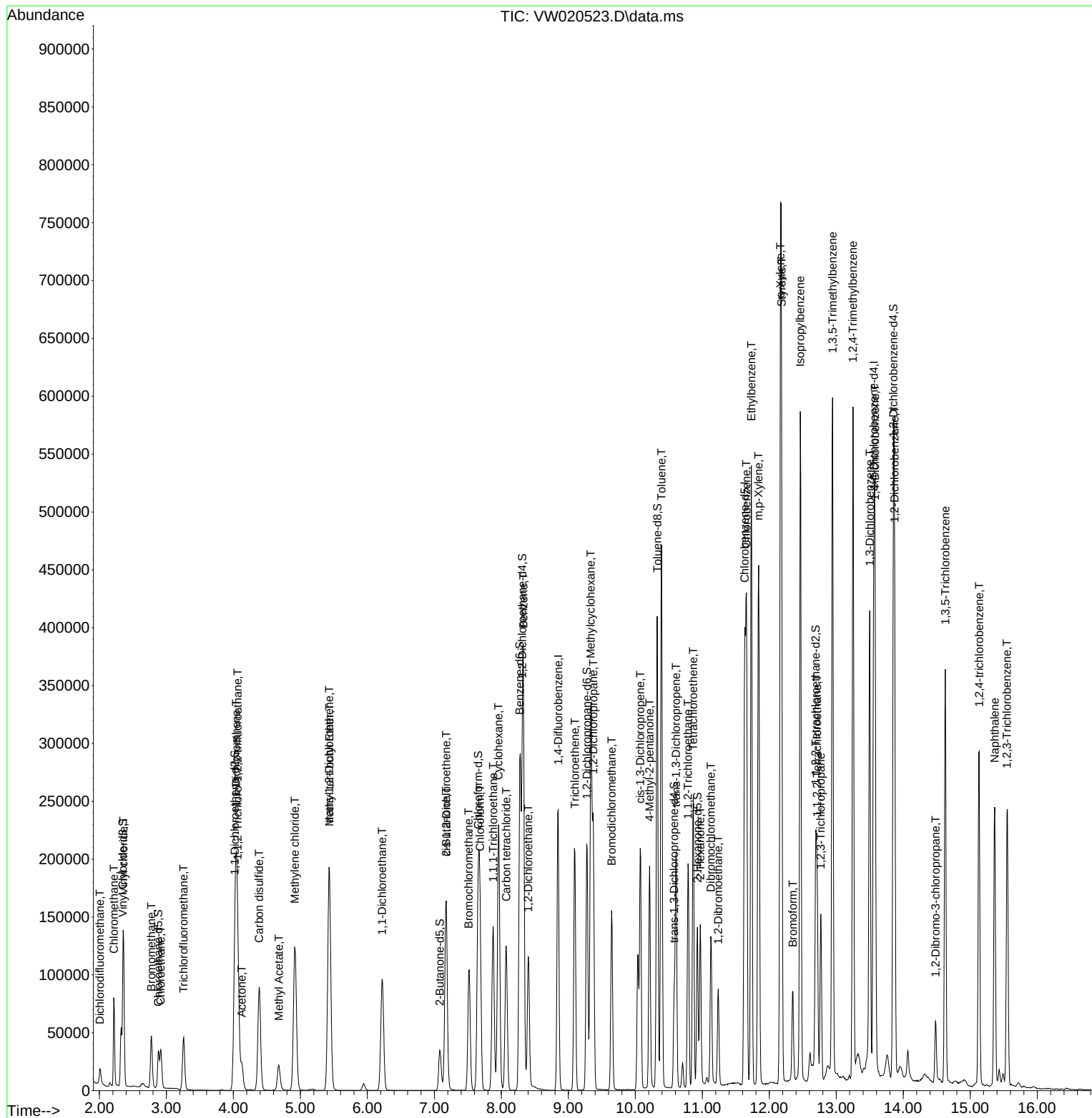
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	103286	27.543	ug/L	100
29) Cyclohexane	7.958	56	122358	23.313	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	106338	23.878	ug/L	99
31) Carbon tetrachloride	8.073	117	91068	23.258	ug/L	99
33) Benzene	8.330	78	310733	24.336	ug/L	100
34) Trichloroethene	9.098	95	74114	23.561	ug/L	97
35) Methylcyclohexane	9.335	83	124671	23.160	ug/L	99
37) 1,2-Dichloropropane	9.372	63	83238	25.173	ug/L	99
38) Bromodichloromethane	9.646	83	100311	25.302	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	117740	25.808	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	127766	64.378	ug/L	100
42) Toluene	10.390	91	322351	25.169	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	104395	25.958	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	57655	27.157	ug/L	99
46) Tetrachloroethene	10.866	164	53183	23.538	ug/L	95
48) 2-Hexanone	10.969	43	90589	62.213	ug/L	100
49) Dibromochloromethane	11.128	129	63512	27.154	ug/L	99
50) 1,2-Dibromoethane	11.238	107	55037	28.223	ug/L	100
51) Chlorobenzene	11.658	112	195116	24.705	ug/L	97
52) Ethylbenzene	11.731	91	354951	25.558	ug/L	100
53) m,p-Xylene	11.841	106	131037	25.464	ug/L	98
54) o-Xylene	12.164	106	125669	26.444	ug/L	96
55) Styrene	12.182	104	219803	26.453	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	76885	29.213	ug/L	99
59) Bromoform	12.353	173	34990	27.194	ug/L	100
60) Isopropylbenzene	12.463	105	346803	25.726	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	58029	28.678	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	294827	26.786	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	293213	26.894	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	144680	24.804	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	146536	24.288	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	135742	25.401	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12911	30.039	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	99352	23.887	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	84783	25.743	ug/L	99
71) Naphthalene	15.365	128	191721	32.378	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	73374	25.366	ug/L	94

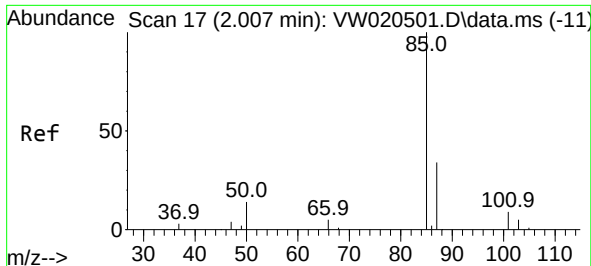
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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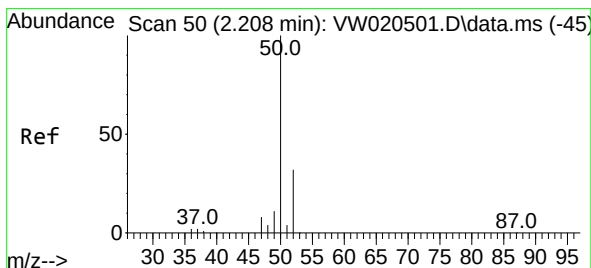
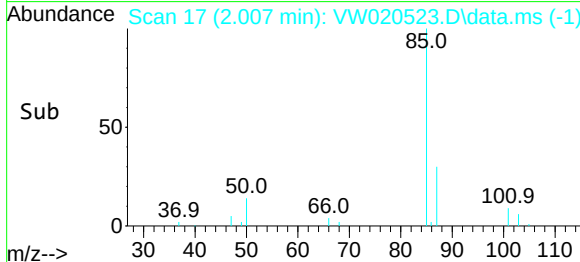
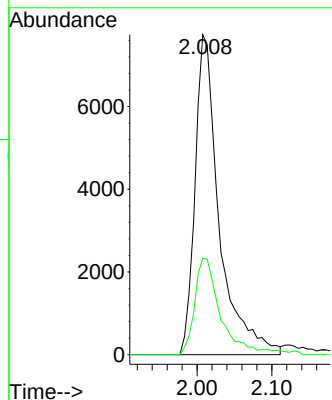
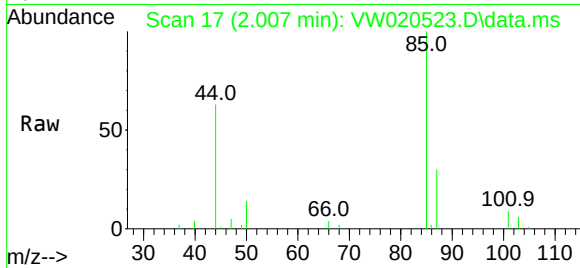




#2
 Dichlorodifluoromethane
 Concen: 14.439 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VW020523.D
 Acq: 15 Oct 2021 04:24

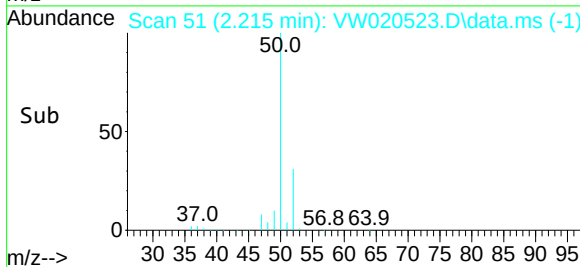
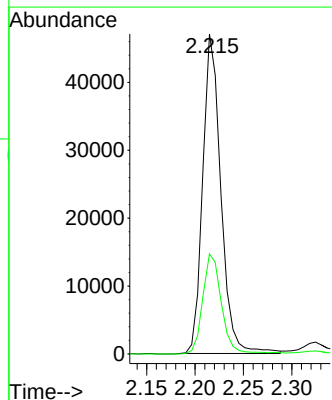
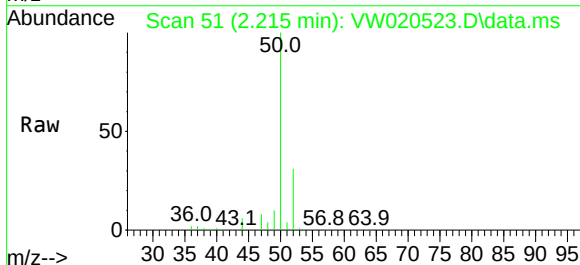
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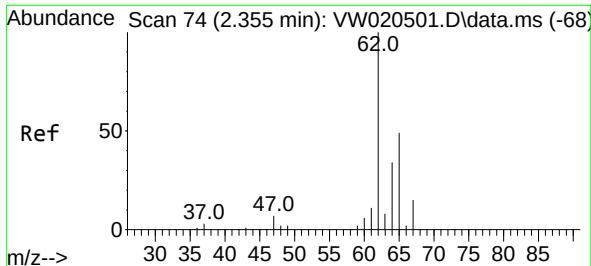
Tgt Ion: 85 Resp: 17401
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.9 37.3



#3
 Chloromethane
 Concen: 24.601 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW020523.D
 Acq: 15 Oct 2021 04:24

Tgt Ion: 50 Resp: 61646
 Ion Ratio Lower Upper
 50 100
 52 31.3 21.5 39.9

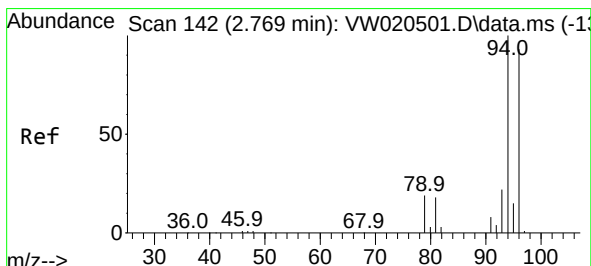
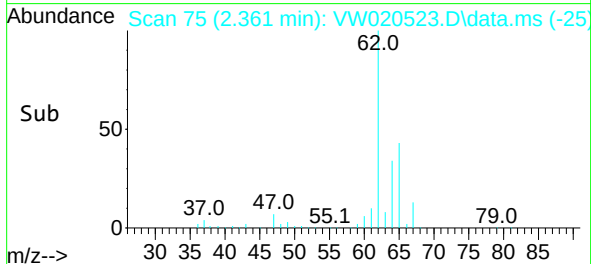
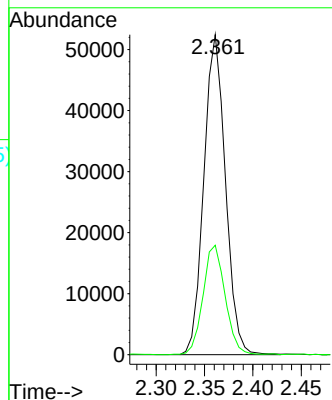
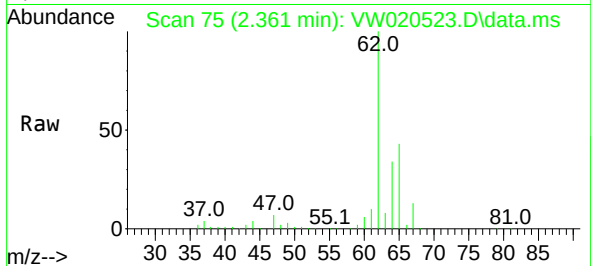




#5
 Vinyl chloride
 Concen: 23.089 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW020523.D
 Acq: 15 Oct 2021 04:24

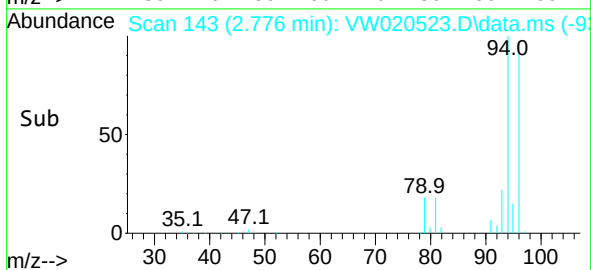
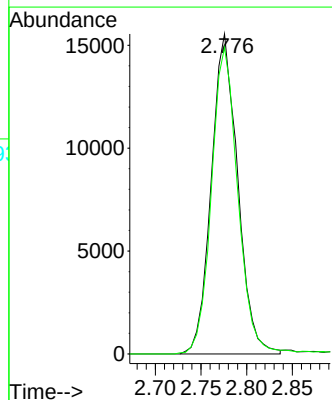
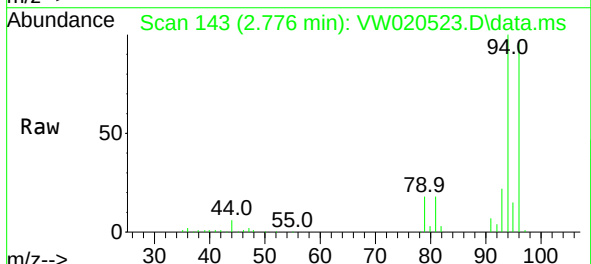
Instrument :
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 ClientSampled :
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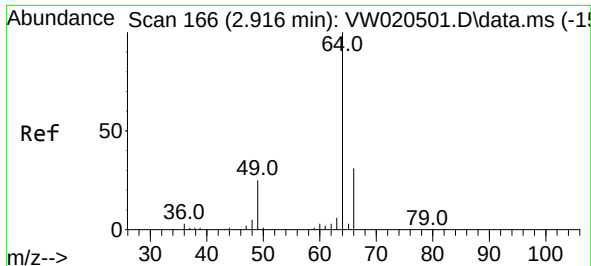
Tgt Ion: 62 Resp: 81376
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.6 45.6



#6
 Bromomethane
 Concen: 20.449 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW020523.D
 Acq: 15 Oct 2021 04:24

Tgt Ion: 94 Resp: 31303
 Ion Ratio Lower Upper
 94 100
 96 95.8 67.8 126.0

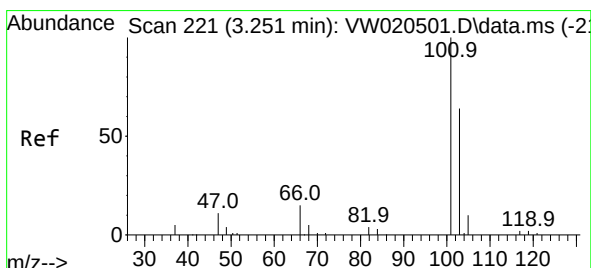
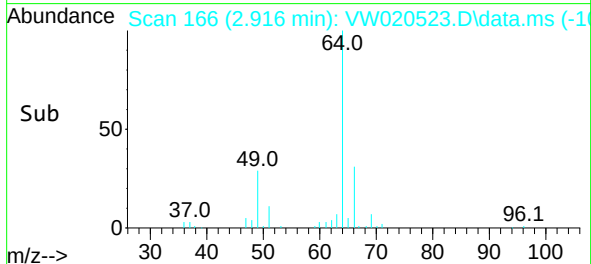
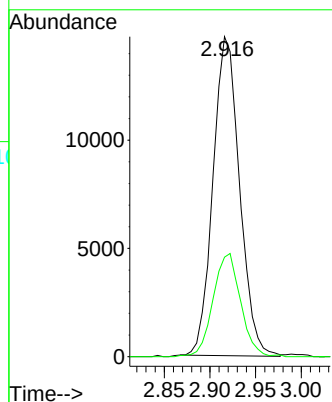
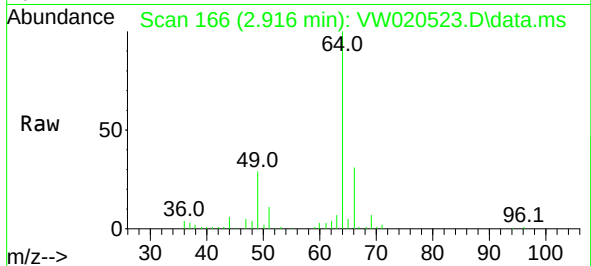




#8
Chloroethane
Concen: 22.904 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

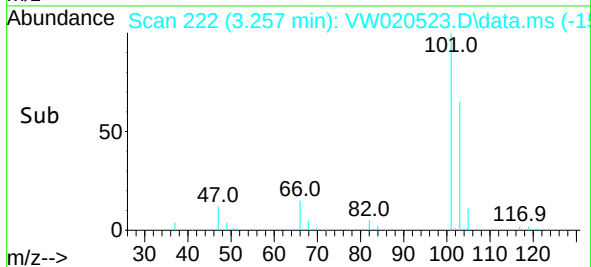
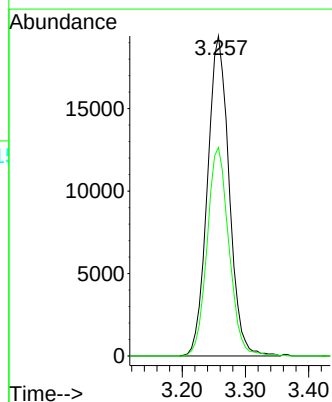
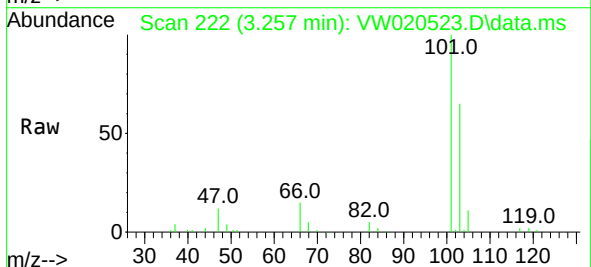
Instrument :
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ClientSampleId :
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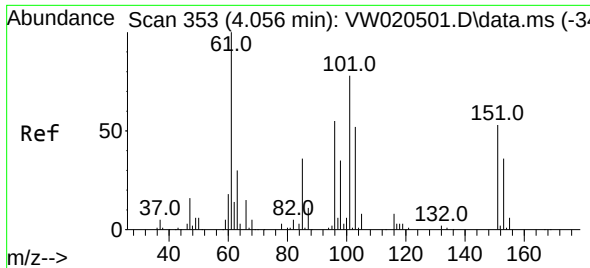
Tgt Ion: 64 Resp: 29808
Ion Ratio Lower Upper
64 100
66 31.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.045 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:101 Resp: 46211
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

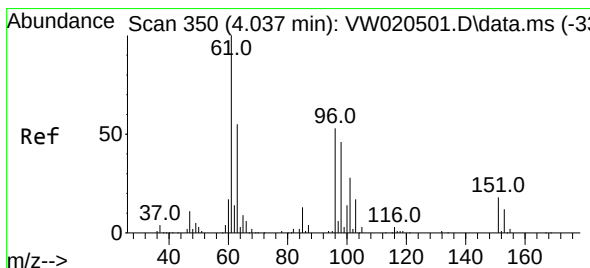
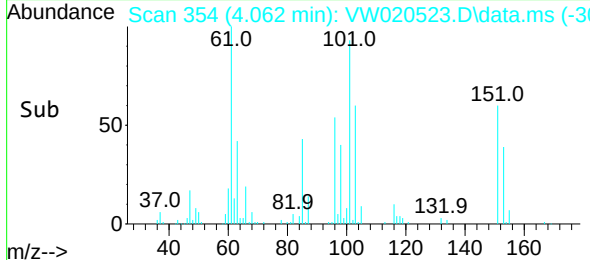
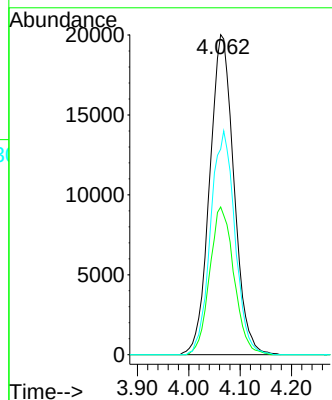
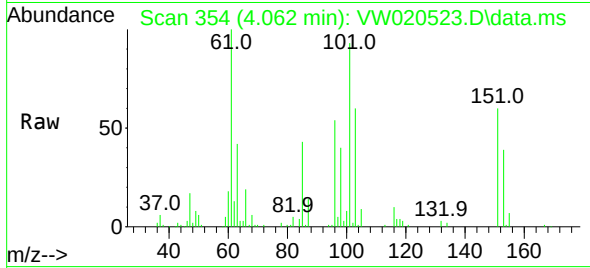




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.996 ug/L
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

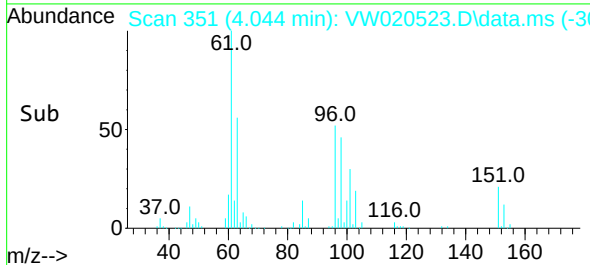
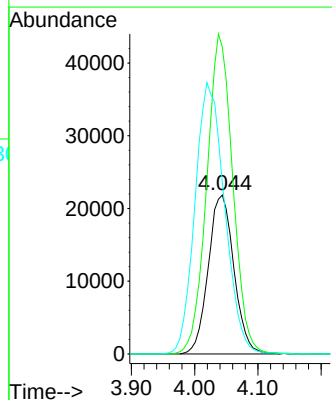
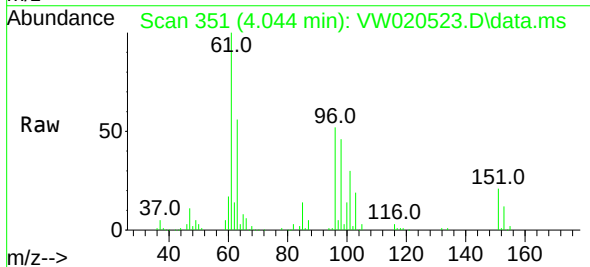
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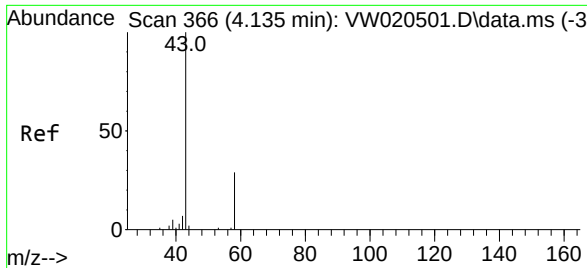
Tgt Ion:101 Resp: 65765
Ion Ratio Lower Upper
101 100
85 46.1 36.3 54.5
151 70.0 56.5 84.7



#12
1,1-Dichloroethene
Concen: 23.476 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 96 Resp: 61557
Ion Ratio Lower Upper
96 100
61 193.2 133.9 248.7
63 108.3 77.3 143.7

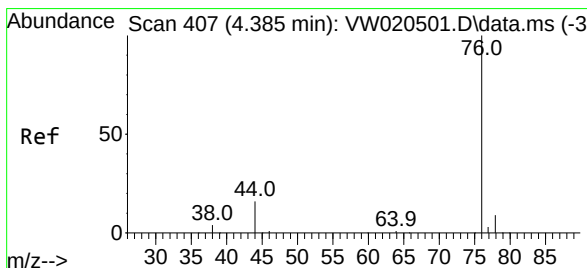
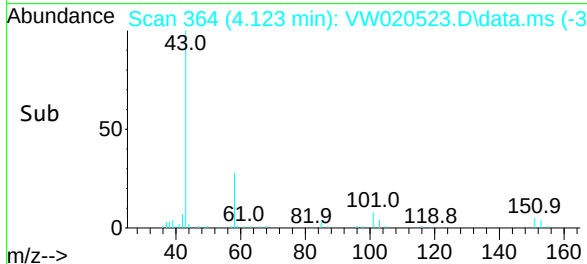
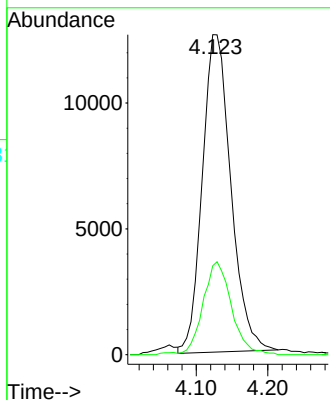
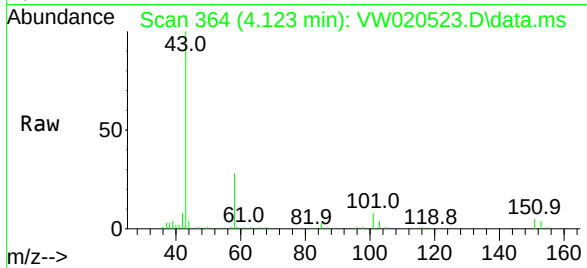




#13
Acetone
Concen: 46.157 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

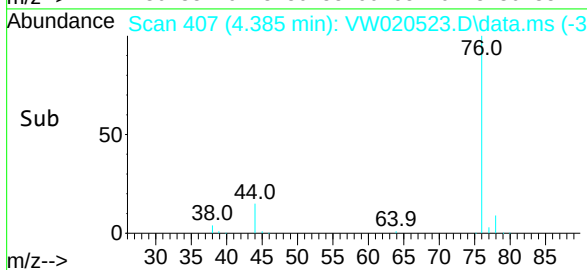
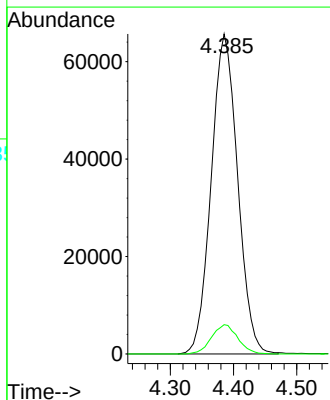
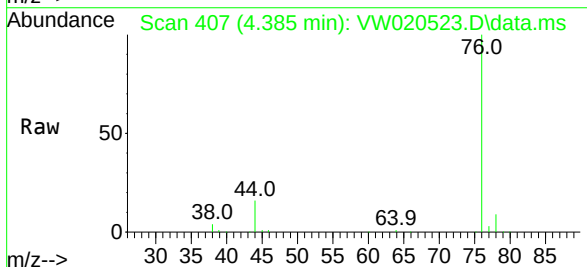
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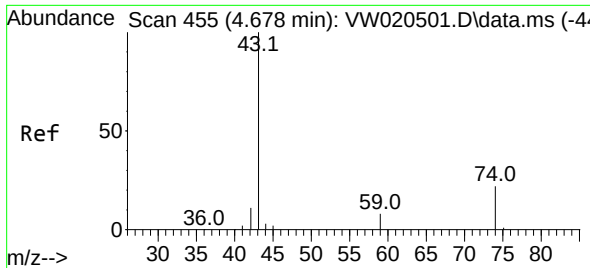
Tgt Ion: 43 Resp: 34998
Ion Ratio Lower Upper
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58 29.0 0.0 58.4



#14
Carbon disulfide
Concen: 22.326 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 190421
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

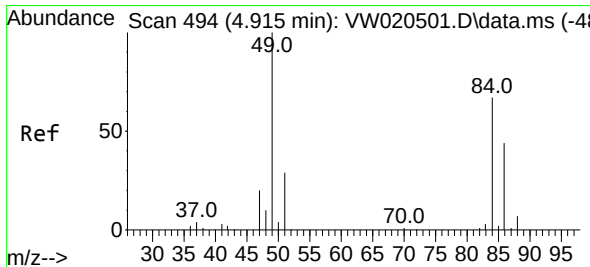
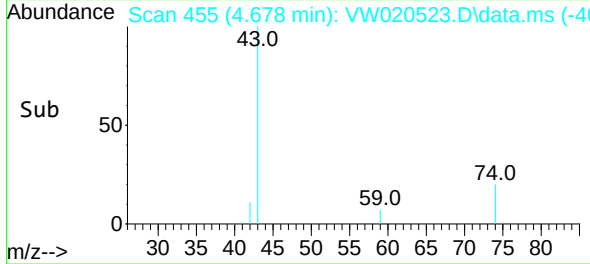
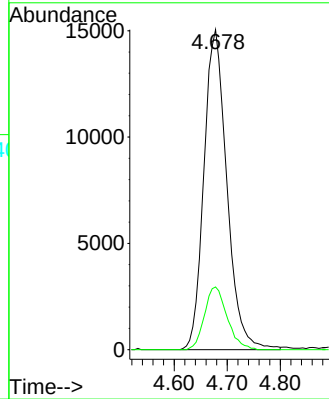
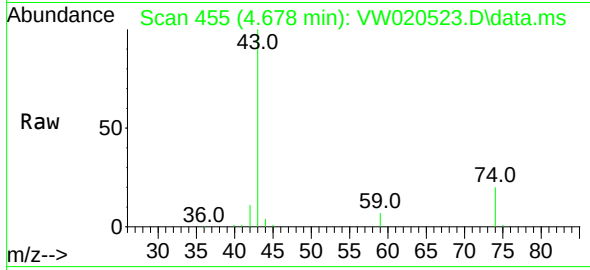




#15
Methyl Acetate
Concen: 32.160 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

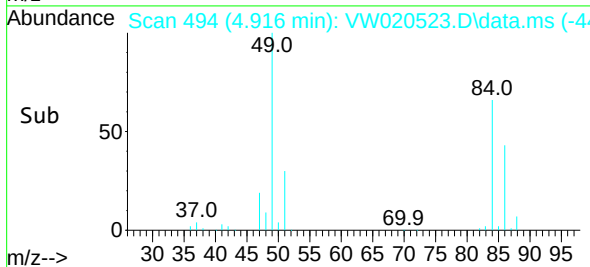
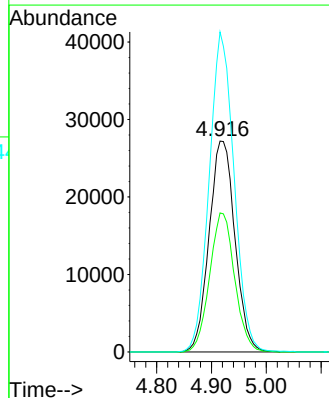
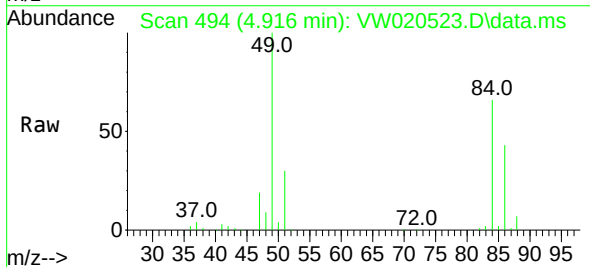
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

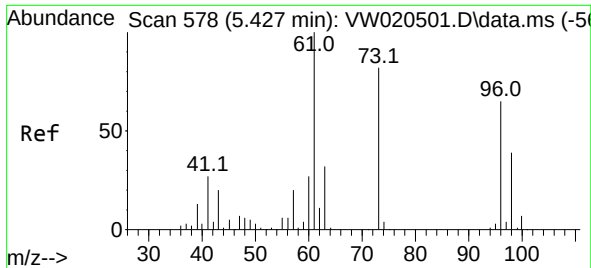
Tgt Ion: 43 Resp: 45284
Ion Ratio Lower Upper
43 100
74 19.3 16.1 24.1



#16
Methylene chloride
Concen: 24.570 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 84 Resp: 89079
Ion Ratio Lower Upper
84 100
86 65.9 44.7 83.1
49 151.8 101.7 188.9



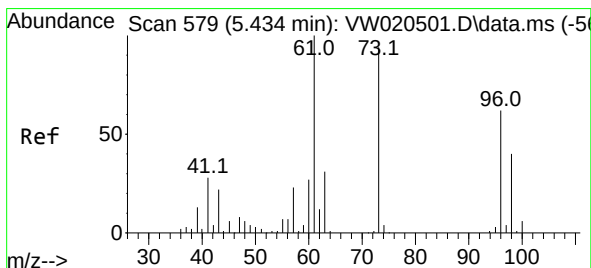
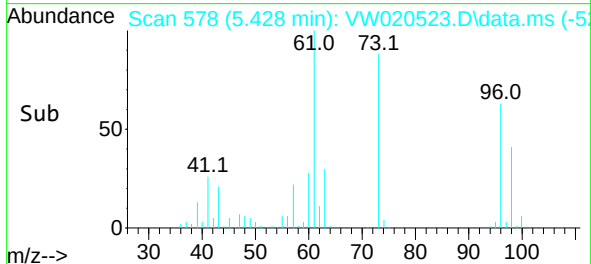
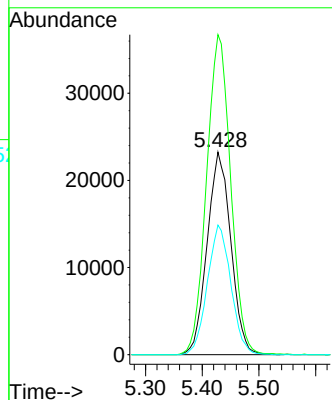
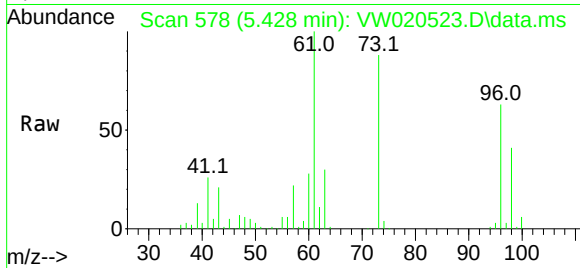


#17
trans-1,2-Dichloroethene
Concen: 24.571 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

Tgt Ion: 96 Resp: 67599

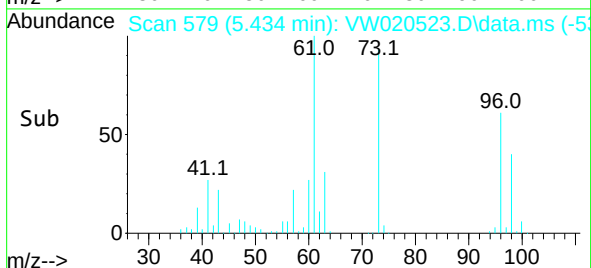
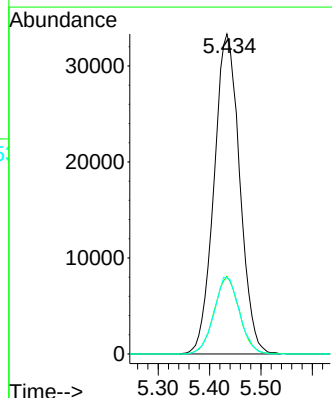
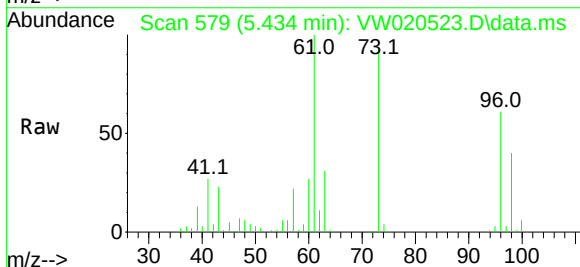
Ion	Ratio	Lower	Upper
96	100		
61	157.9	110.7	205.5
98	64.0	43.9	81.5

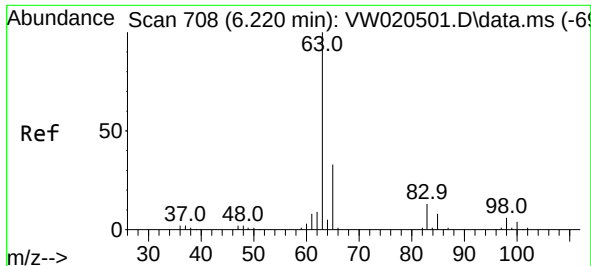


#18
Methyl tert-butyl Ether
Concen: 29.850 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 73 Resp: 115698

Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.9	28.3
57	23.9	18.9	28.3

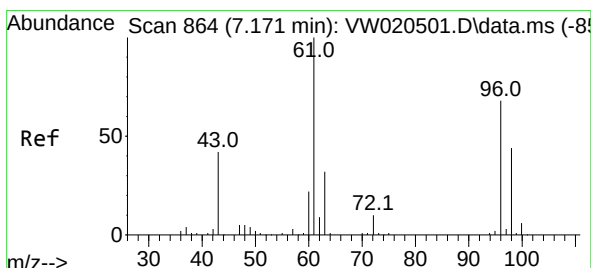
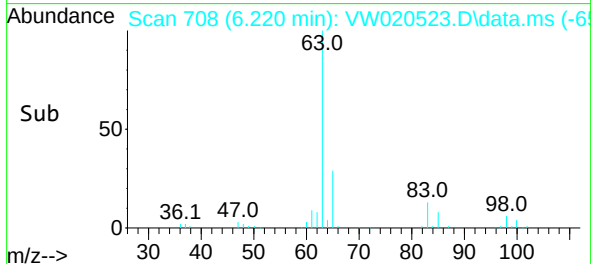
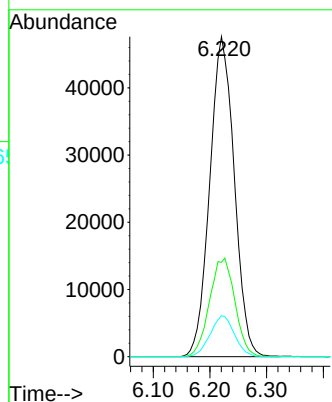
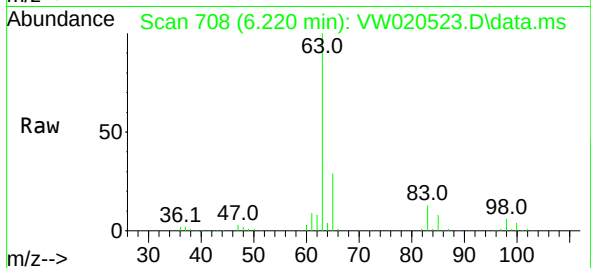




#19
1,1-Dichloroethane
Concen: 25.369 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

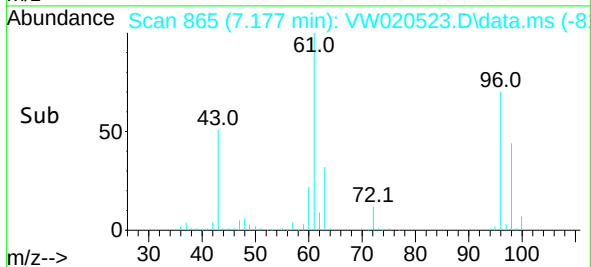
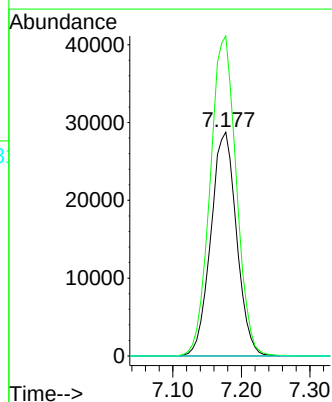
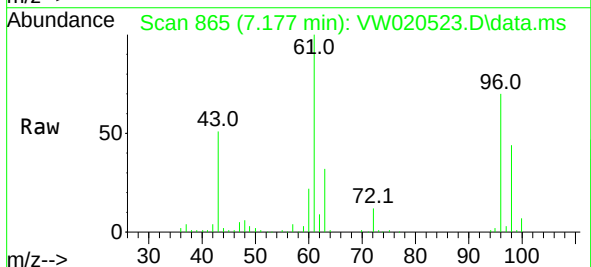
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

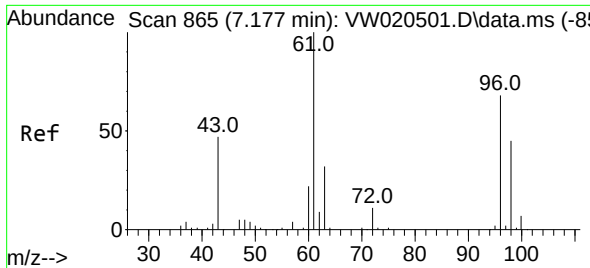
Tgt Ion: 63 Resp: 143077
Ion Ratio Lower Upper
63 100
65 29.5 21.9 40.7
83 12.8 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 26.224 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 96 Resp: 74988
Ion Ratio Lower Upper
96 100
61 143.0 100.3 186.3
68 0.0 0.0 0.0

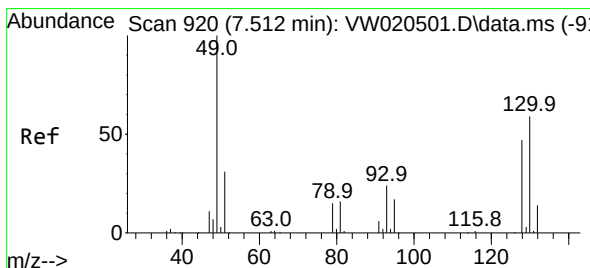
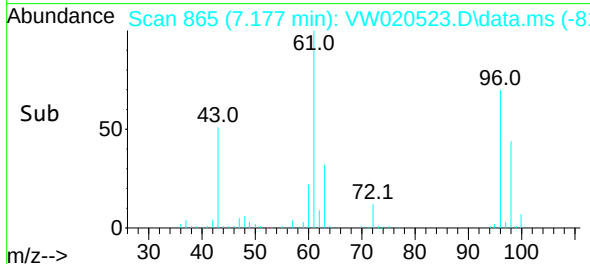
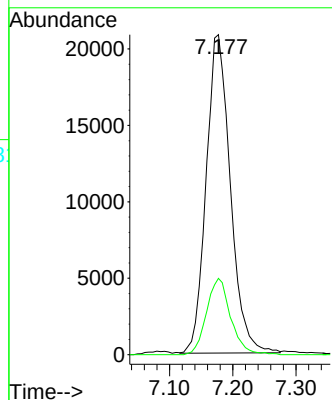
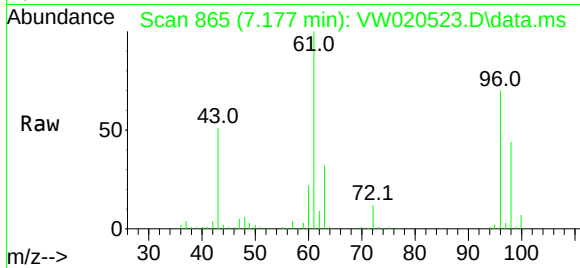




#22
2-Butanone
Concen: 58.411 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

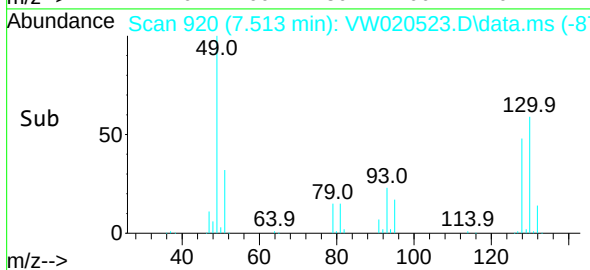
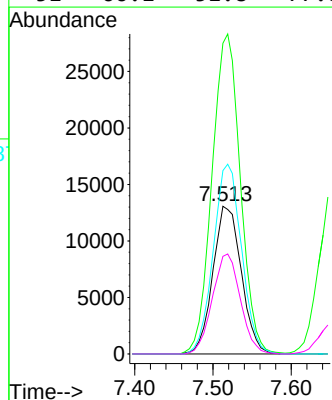
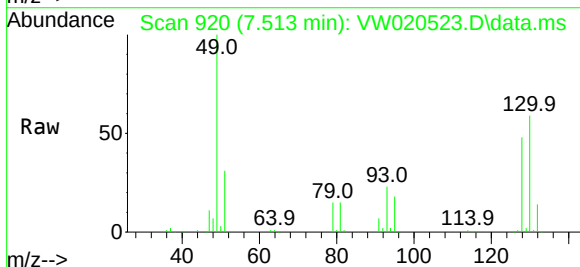
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

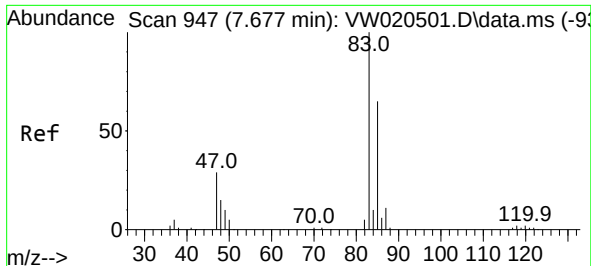
Tgt Ion: 43 Resp: 55440
Ion Ratio Lower Upper
43 100
72 23.7 12.2 36.6



#23
Bromochloromethane
Concen: 26.285 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 128 Resp: 32966
Ion Ratio Lower Upper
128 100
49 210.3 144.1 267.7
130 124.1 89.2 165.6
51 66.1 51.8 77.8

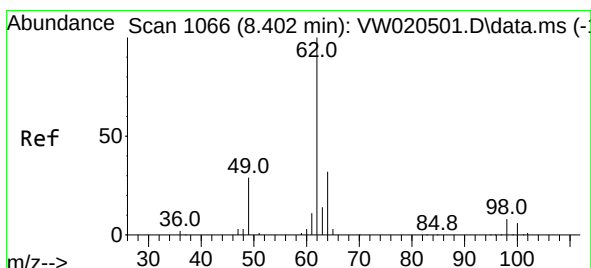
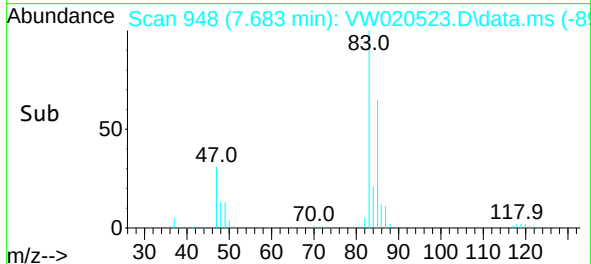
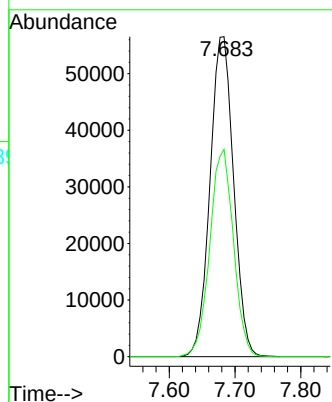
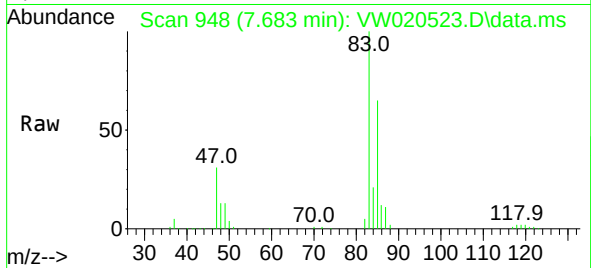




#25
Chloroform
Concen: 25.752 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

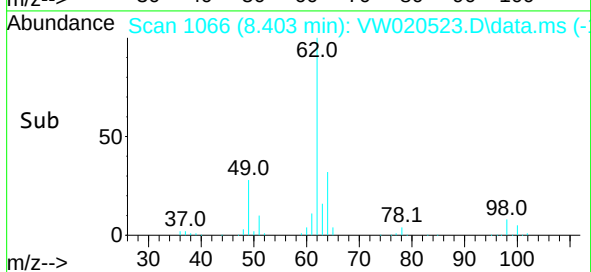
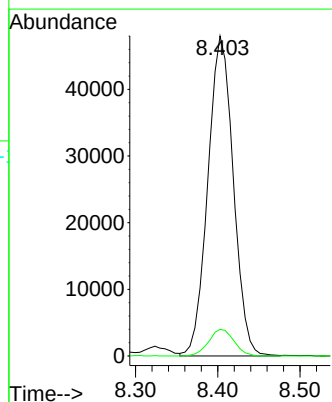
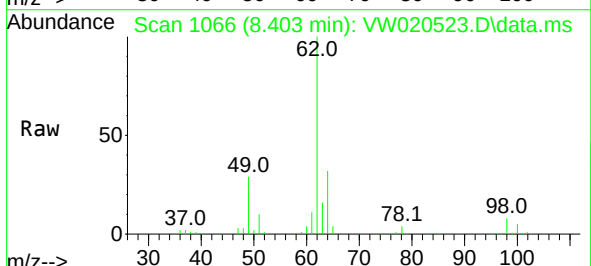
Instrument :
MSVOA_W
ClientSampled :
VSTD025035

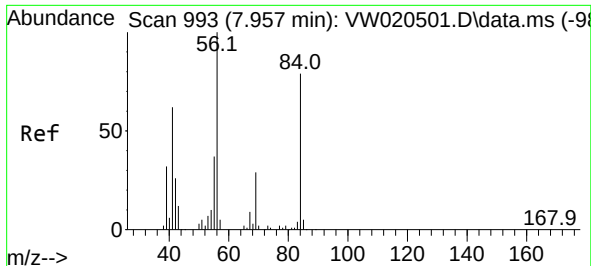
Tgt Ion: 83 Resp: 141193
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 27.543 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 62 Resp: 103286
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 23.313 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW020523.D

Acq: 15 Oct 2021 04:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025035

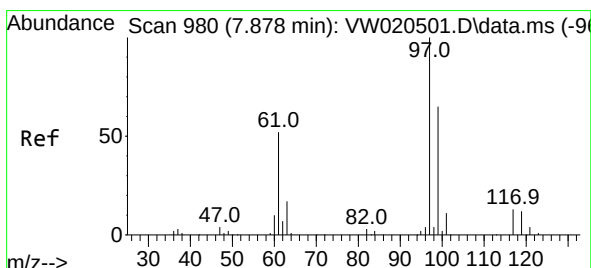
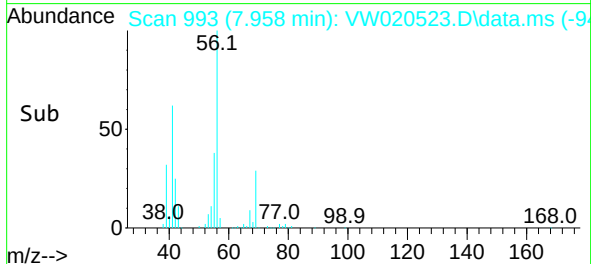
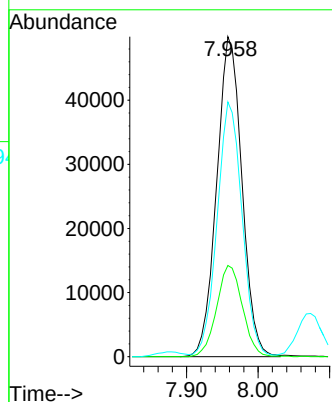
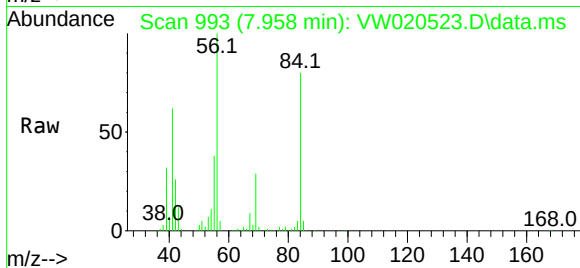
Tgt Ion: 56 Resp: 122358

Ion Ratio Lower Upper

56 100

69 29.1 23.2 34.8

84 79.0 63.7 95.5



#30

1,1,1-Trichloroethane

Concen: 23.878 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW020523.D

Acq: 15 Oct 2021 04:24

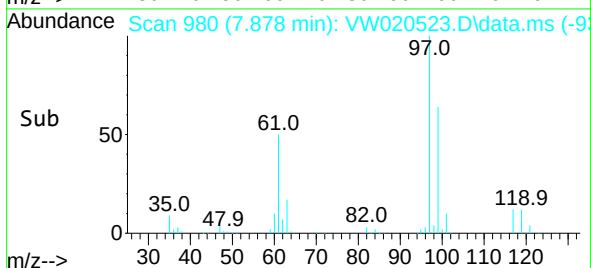
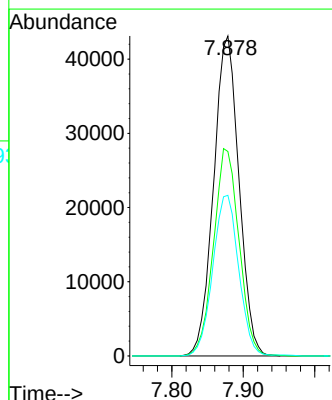
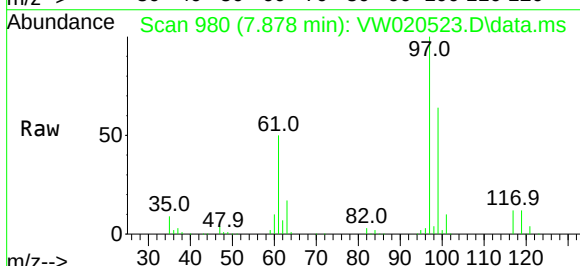
Tgt Ion: 97 Resp: 106338

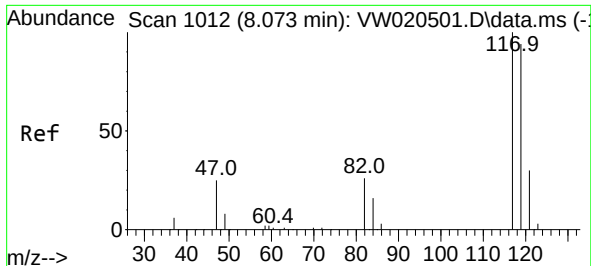
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 51.2 41.0 61.6

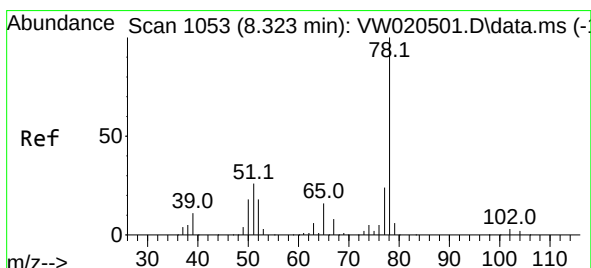
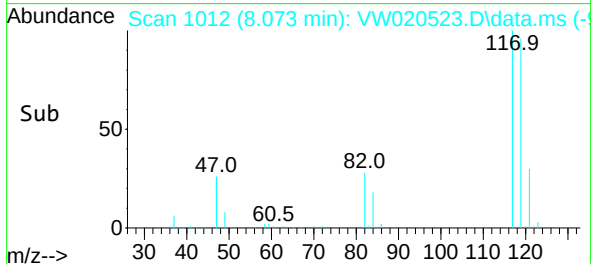
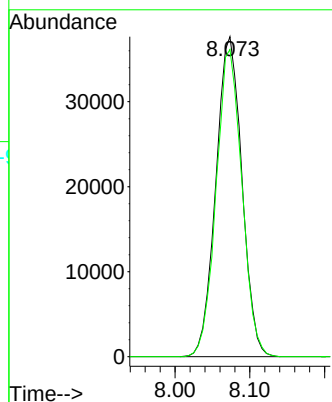
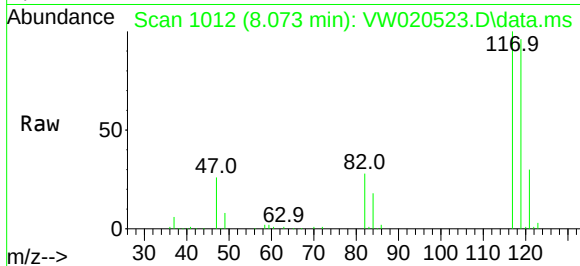




#31
Carbon tetrachloride
Concen: 23.258 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

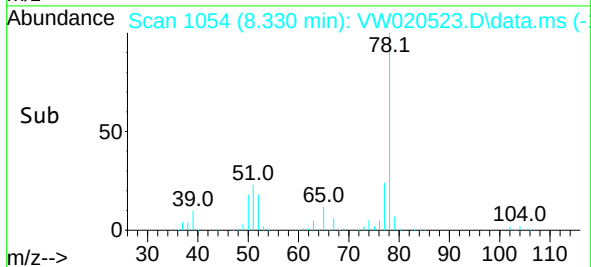
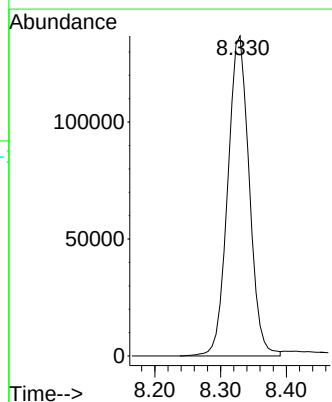
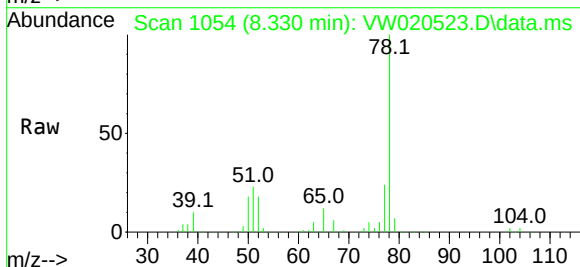
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

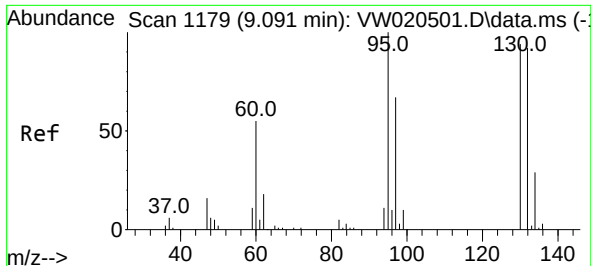
Tgt Ion:117 Resp: 91068
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 24.336 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 78 Resp: 310733



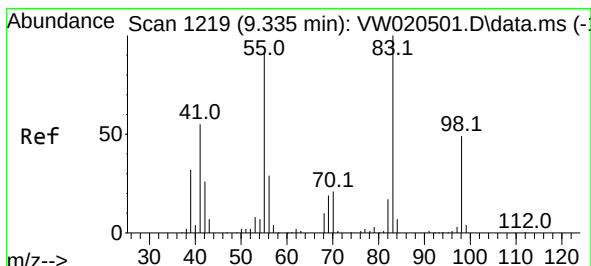
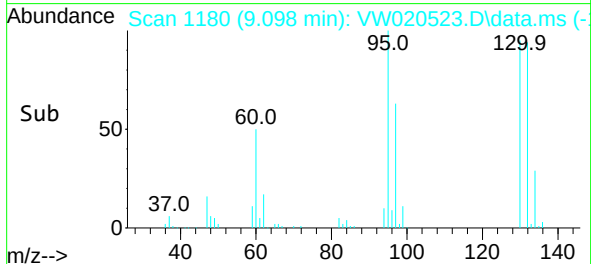
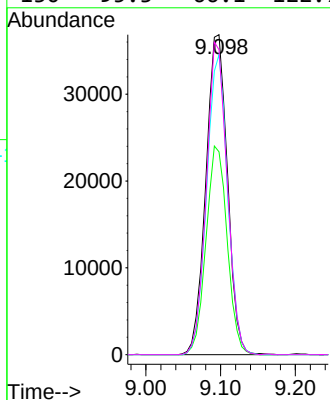
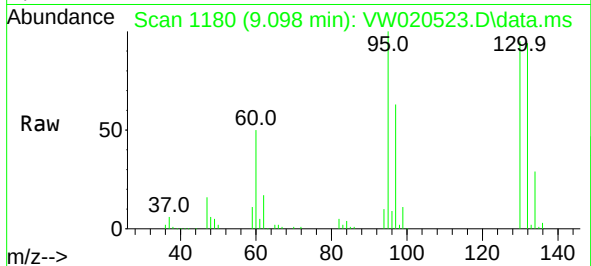


#34
Trichloroethene
Concen: 23.561 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

Tgt Ion: 95 Resp: 74114

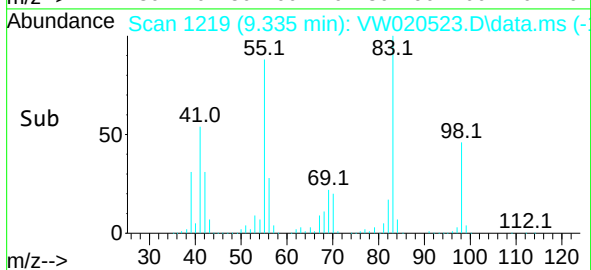
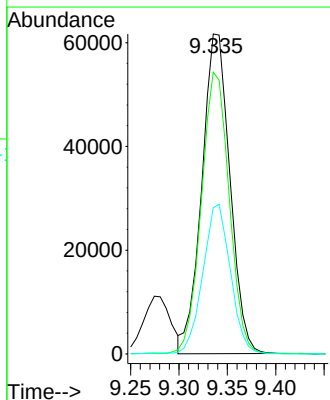
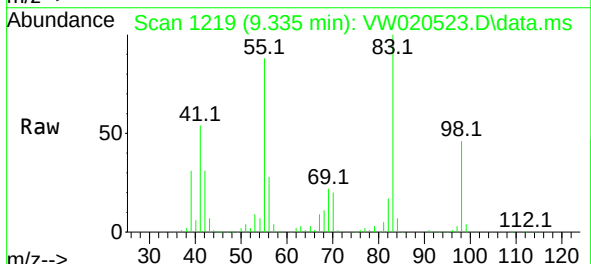
Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.2	80.2
132	93.7	62.3	115.7
130	95.3	66.1	122.7

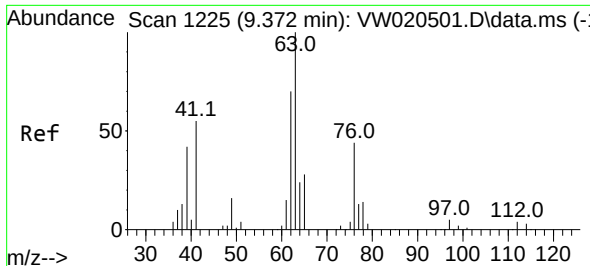


#35
Methylcyclohexane
Concen: 23.160 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 83 Resp: 124671

Ion	Ratio	Lower	Upper
83	100		
55	87.4	69.7	104.5
98	46.0	38.2	57.2

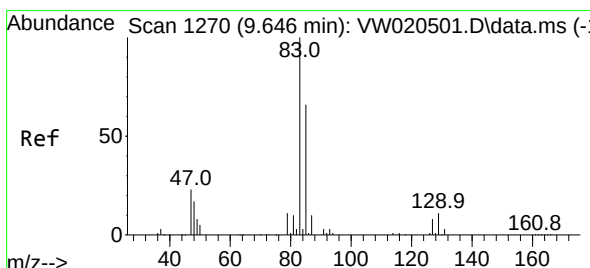
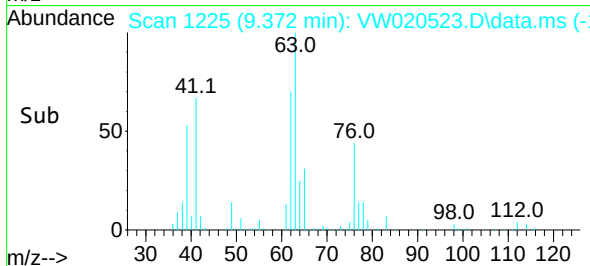
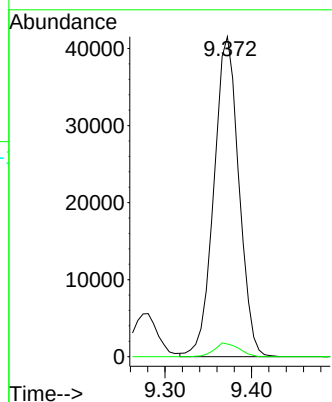
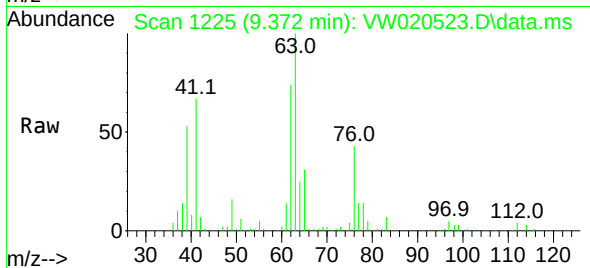




#37
1,2-Dichloropropane
Concen: 25.173 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

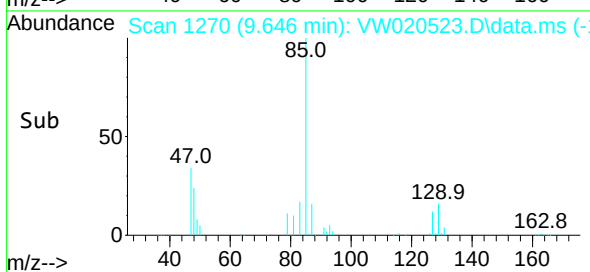
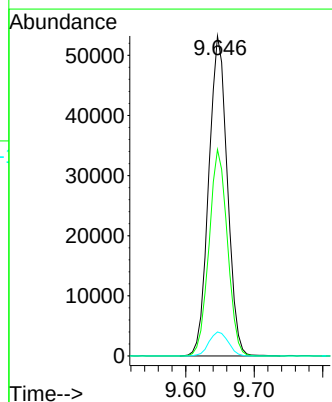
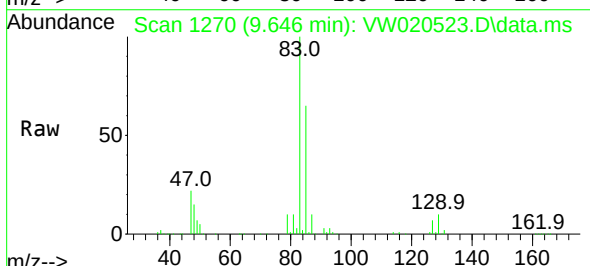
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

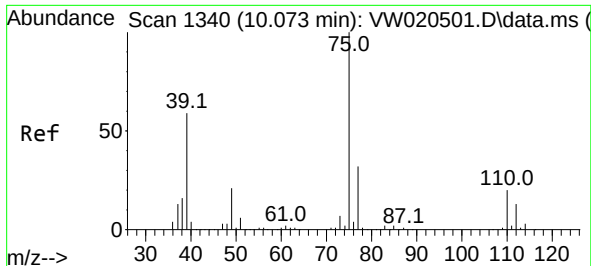
Tgt Ion: 63 Resp: 83238
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 25.302 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 83 Resp: 100311
Ion Ratio Lower Upper
83 100
85 64.5 43.4 80.6
127 7.5 6.2 9.2

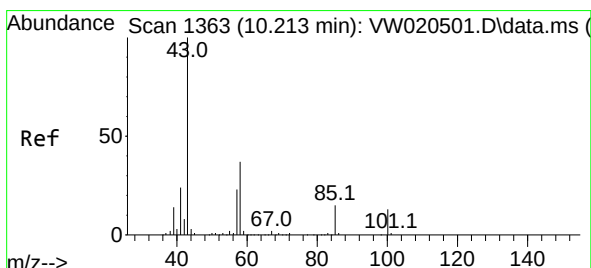
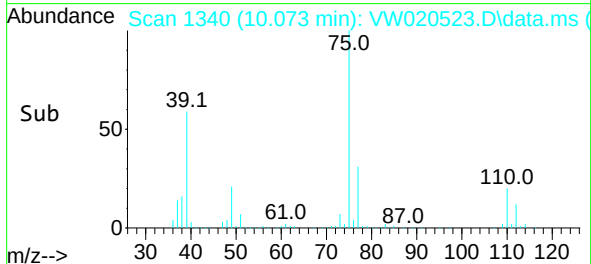
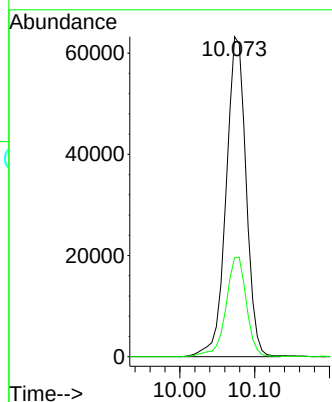
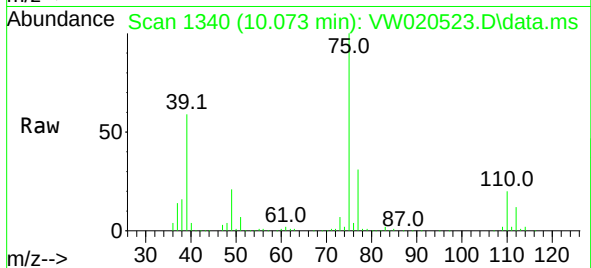




#39
cis-1,3-Dichloropropene
Concen: 25.808 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

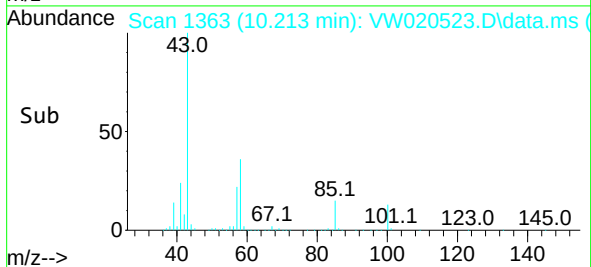
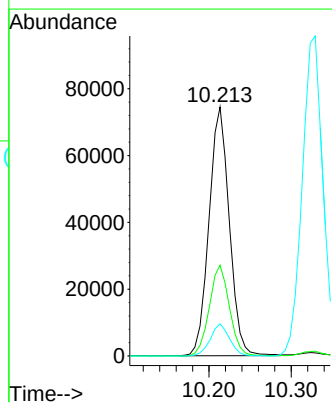
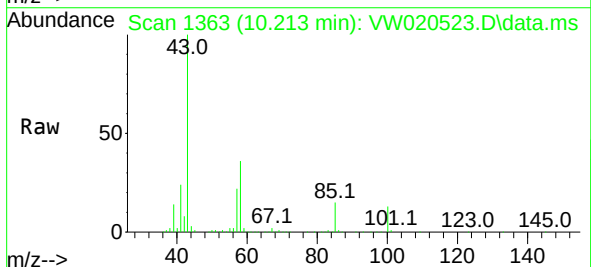
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

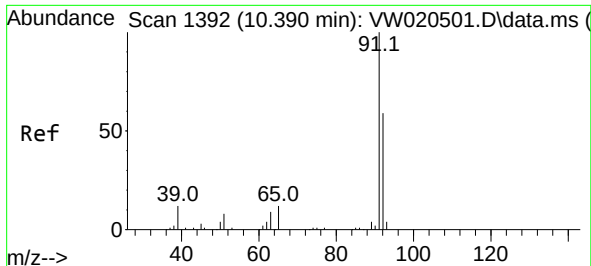
Tgt Ion: 75 Resp: 117740
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 64.378 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 43 Resp: 127766
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.4
100 12.3 10.2 15.4

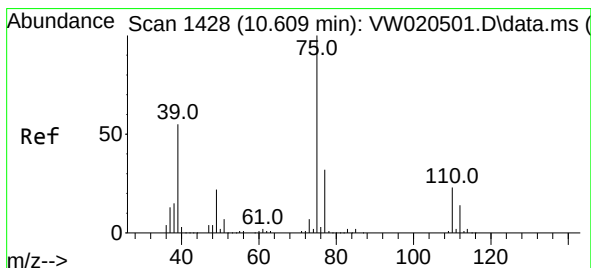
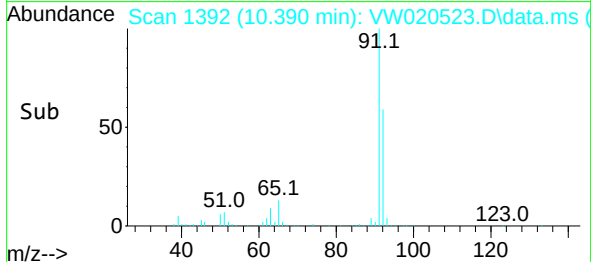
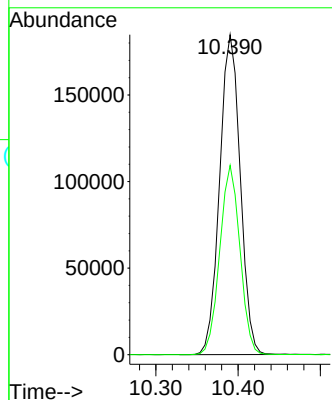
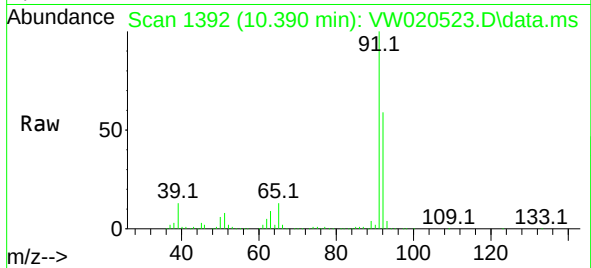




#42
Toluene
Concen: 25.169 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

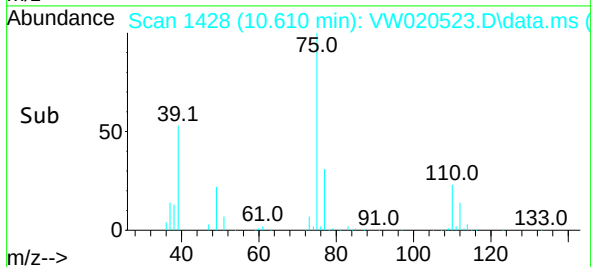
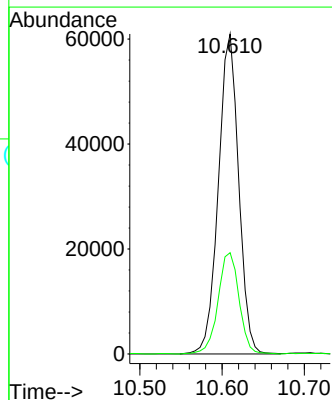
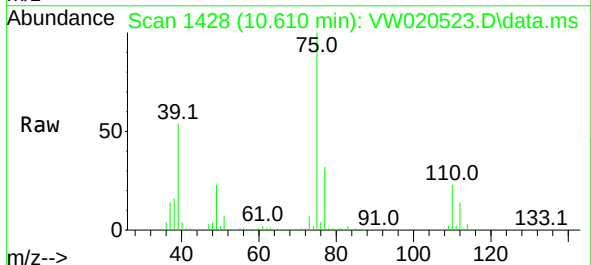
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

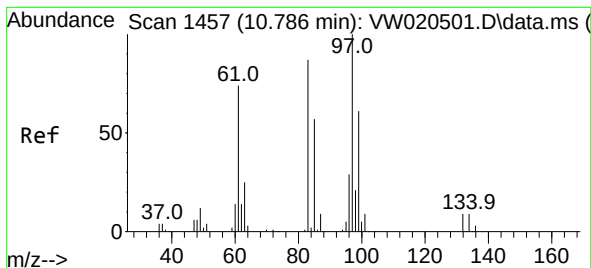
Tgt Ion: 91 Resp: 322351
Ion Ratio Lower Upper
91 100
92 59.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.958 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 75 Resp: 104395
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4



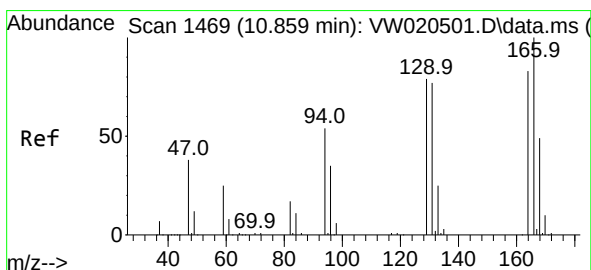
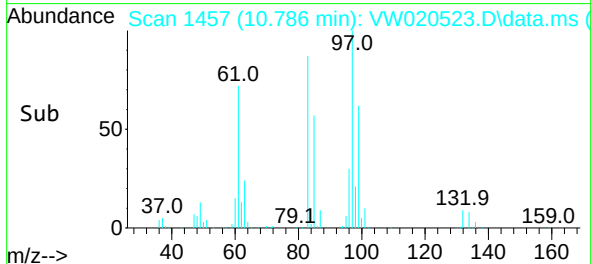
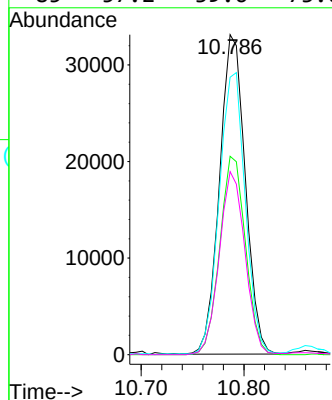
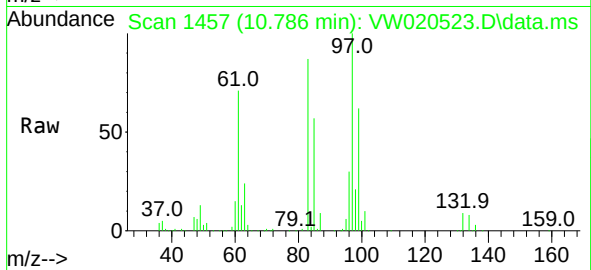


#45
1,1,2-Trichloroethane
Concen: 27.157 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

Tgt Ion: 97 Resp: 57655

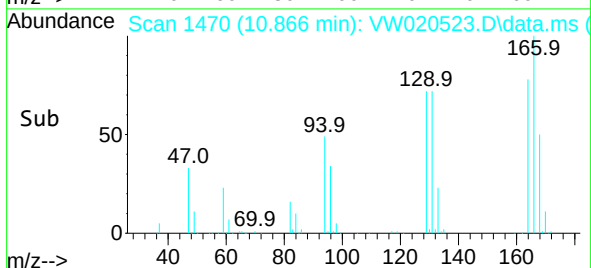
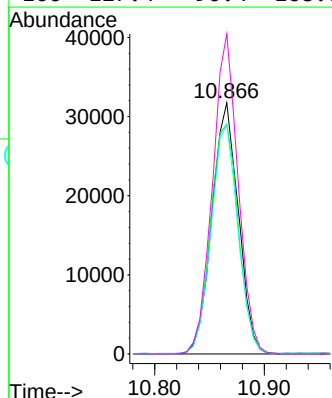
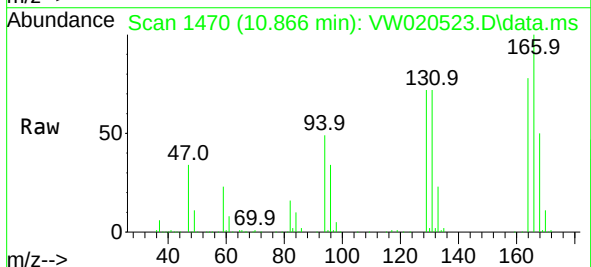
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.8	79.4
83	86.7	60.9	113.1
85	57.2	39.6	73.6

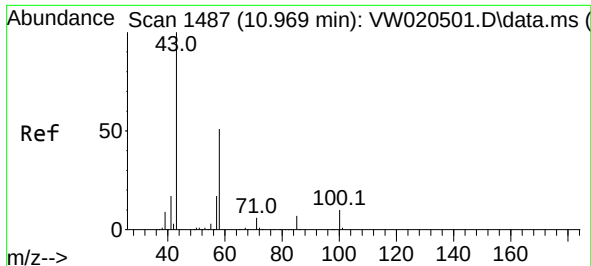


#46
Tetrachloroethene
Concen: 23.538 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 164 Resp: 53183

Ion	Ratio	Lower	Upper
164	100		
129	91.3	69.1	128.3
131	91.4	58.3	108.3
166	127.4	90.4	168.0

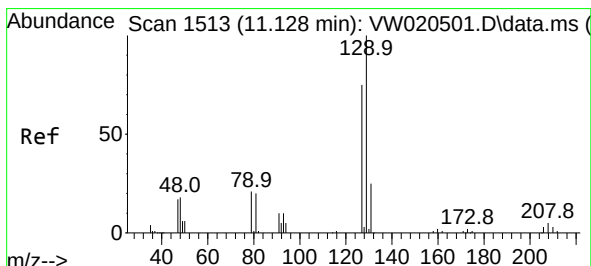
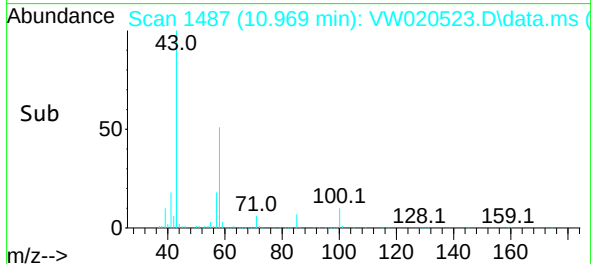
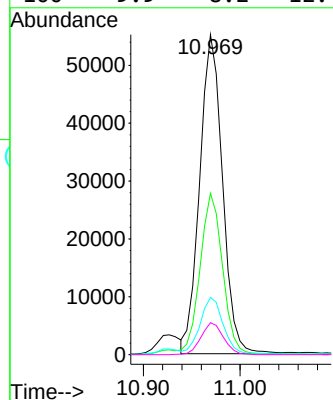
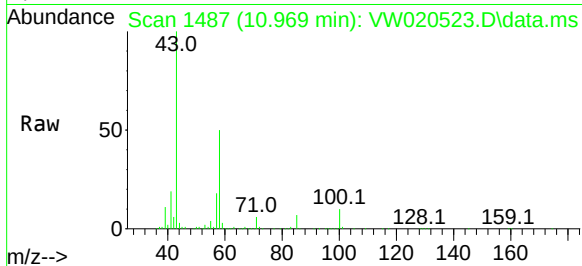




#48
2-Hexanone
Concen: 62.213 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

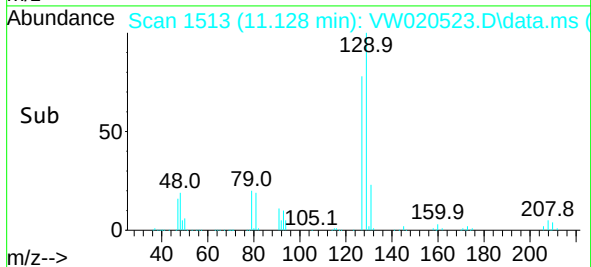
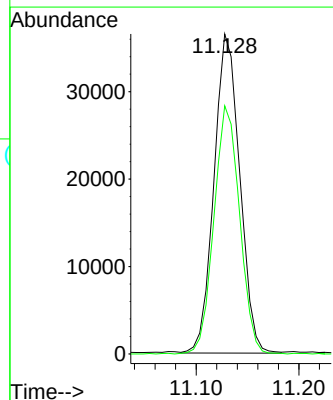
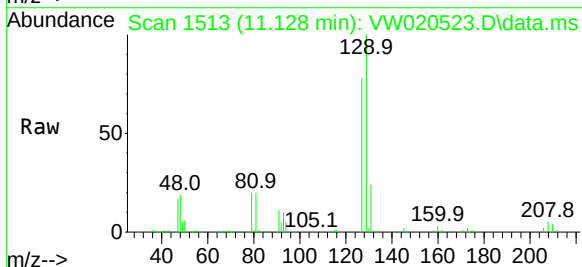
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

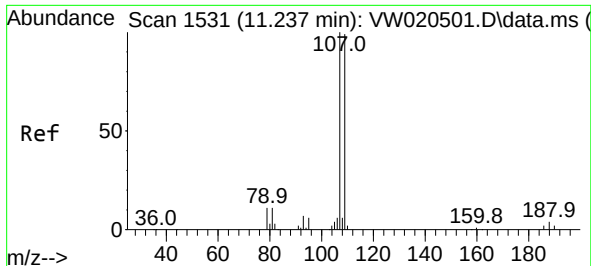
Tgt Ion:	43	Resp:	90589
Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.5	59.3
57	17.8	14.2	21.4
100	9.9	8.2	12.4



#49
Dibromochloromethane
Concen: 27.154 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:	129	Resp:	63512
Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.1	102.3

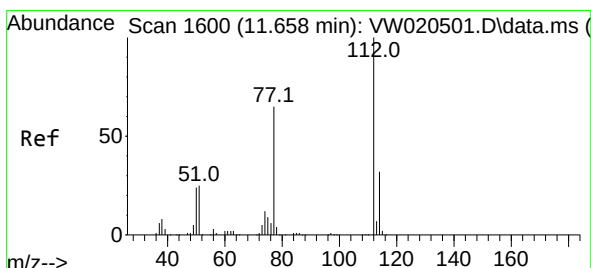
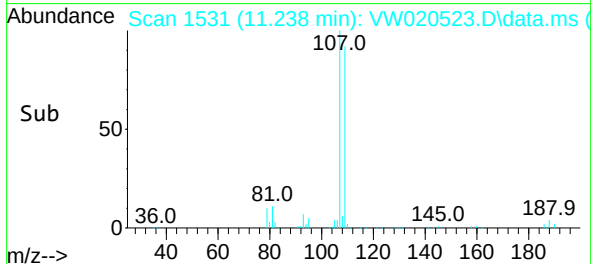
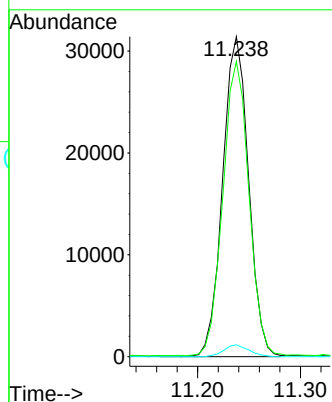
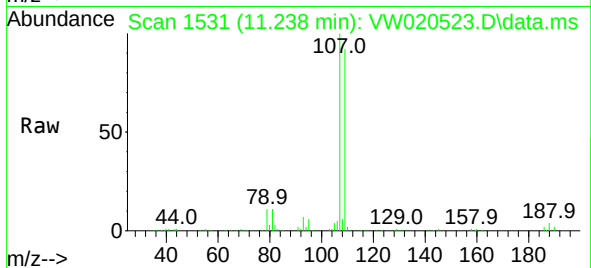




#50
1,2-Dibromoethane
Concen: 28.223 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

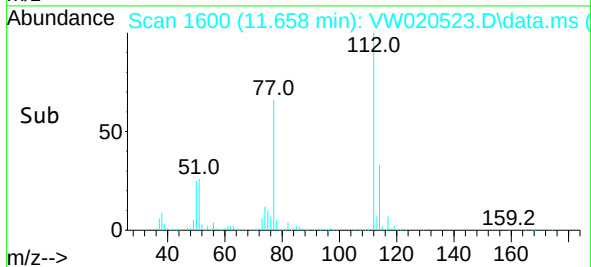
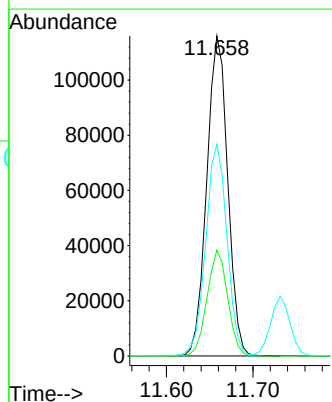
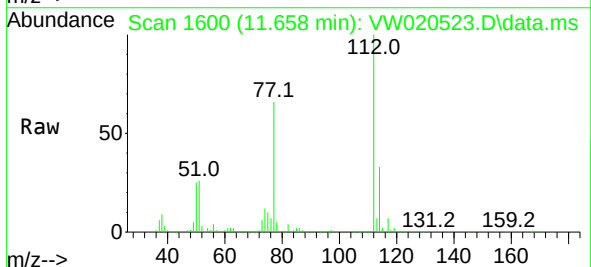
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

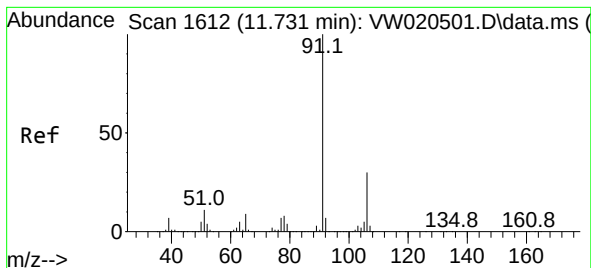
Tgt Ion:	107	Resp:	55037
Ion	Ratio	Lower	Upper
107	100		
109	92.3	64.5	119.9
188	3.7	3.2	4.8



#51
Chlorobenzene
Concen: 24.705 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:	112	Resp:	195116
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.3	41.5
77	66.2	50.7	76.1

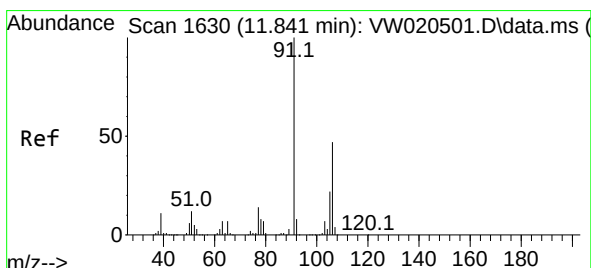
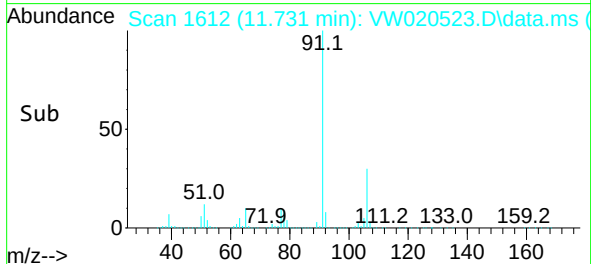
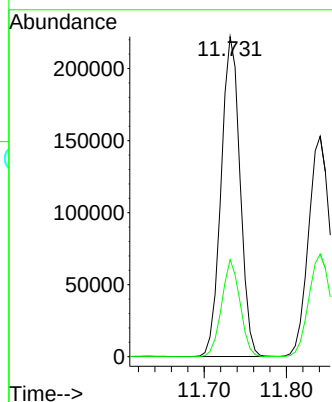
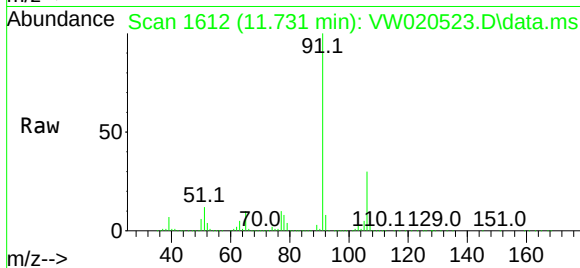




#52
Ethylbenzene
Concen: 25.558 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

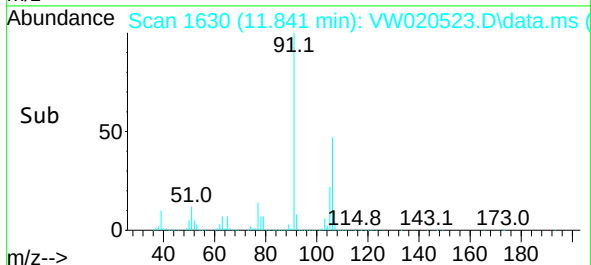
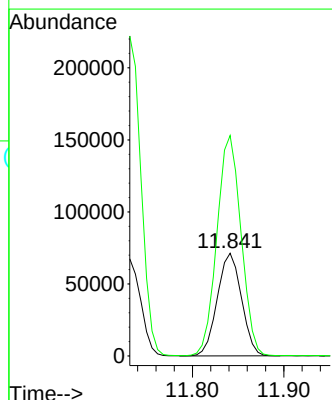
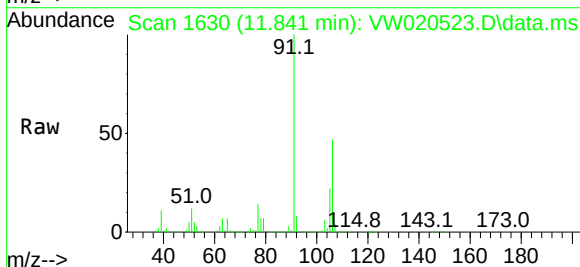
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

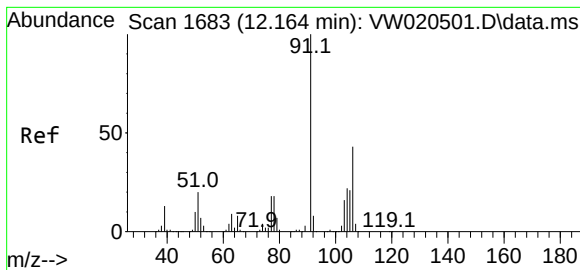
Tgt Ion: 91 Resp: 354951
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 25.464 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 106 Resp: 131037
Ion Ratio Lower Upper
106 100
91 214.6 148.2 275.2

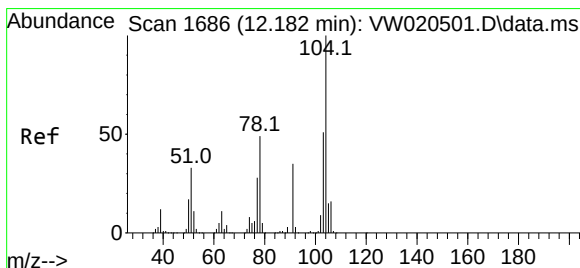
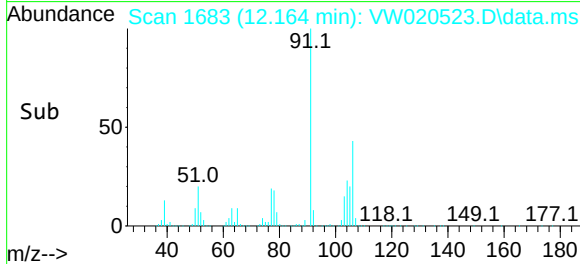
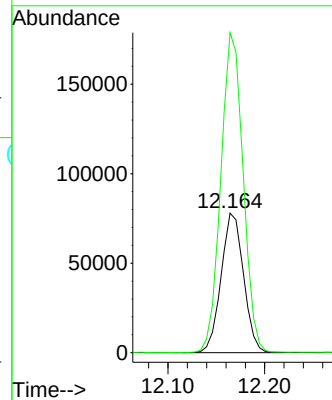
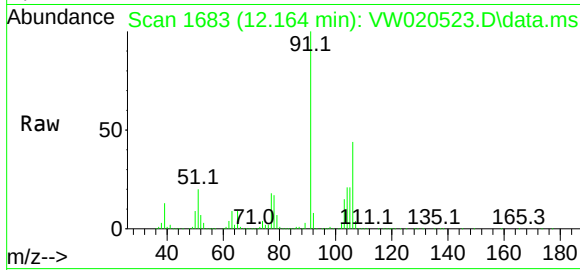




#54
o-Xylene
Concen: 26.444 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

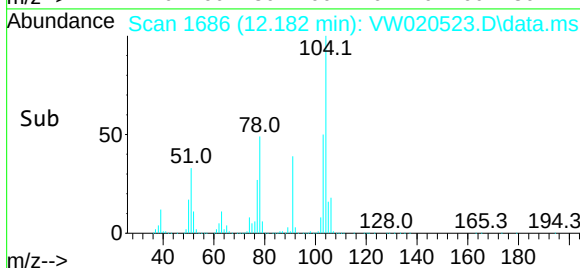
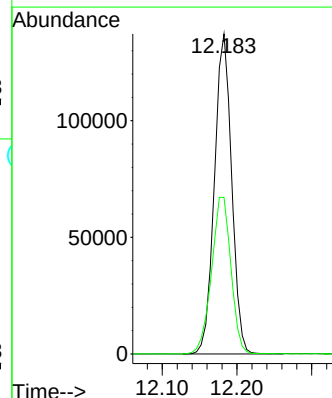
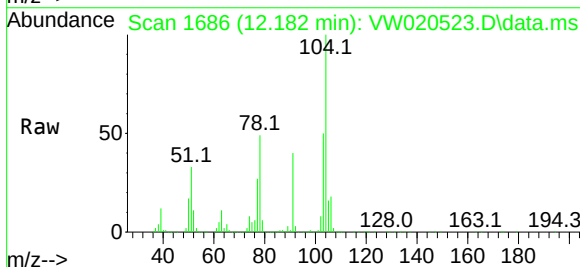
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

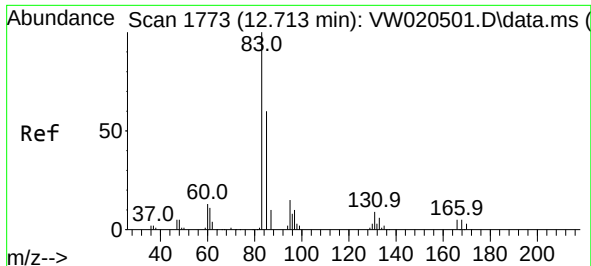
Tgt Ion:106 Resp: 125669
Ion Ratio Lower Upper
106 100
91 229.3 156.1 289.9



#55
Styrene
Concen: 26.453 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:104 Resp: 219803
Ion Ratio Lower Upper
104 100
78 49.0 33.2 61.7

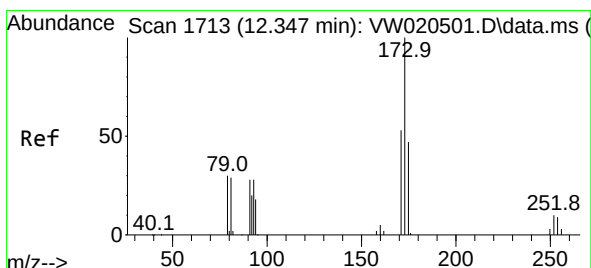
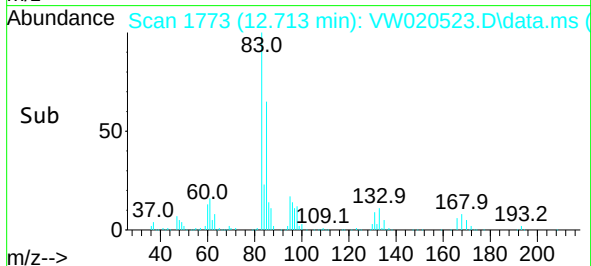
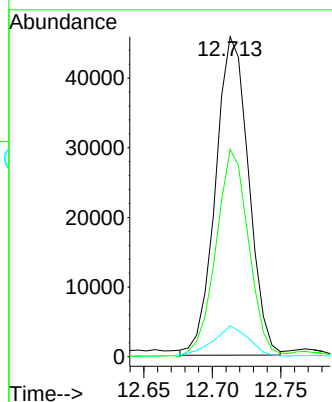
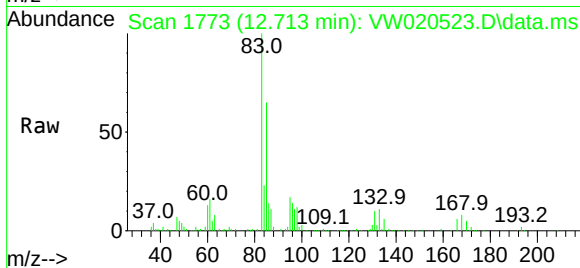




#57
1,1,2,2-Tetrachloroethane
Concen: 29.213 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

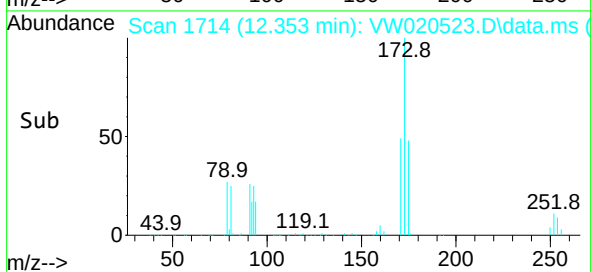
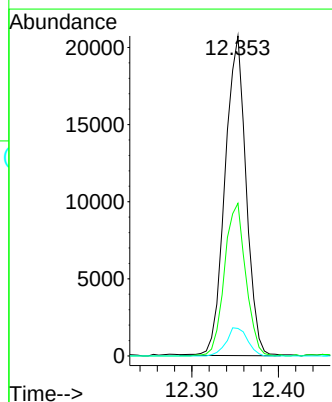
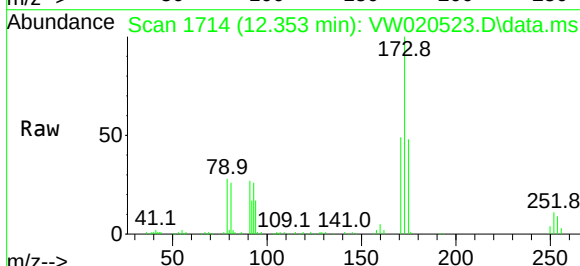
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

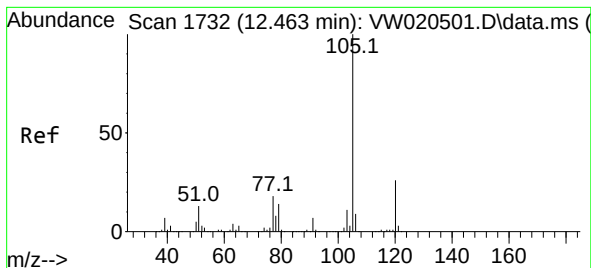
Tgt Ion:	83	Resp:	76885
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.9	85.3
131	9.6	7.4	11.2



#59
Bromoform
Concen: 27.194 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:	173	Resp:	34990
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.6	57.8
254	8.9	7.3	10.9

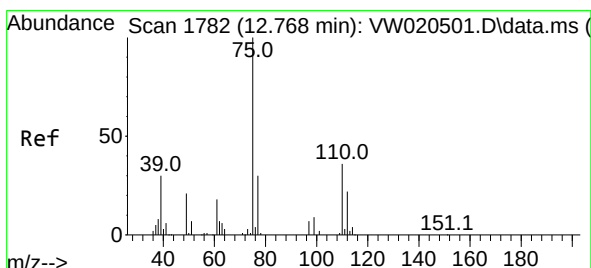
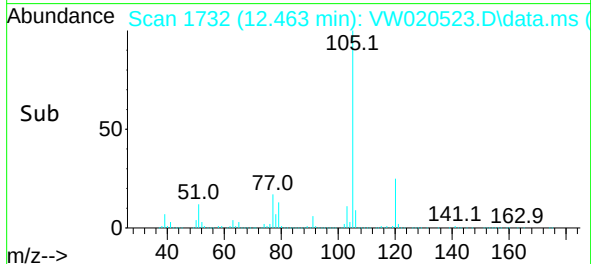
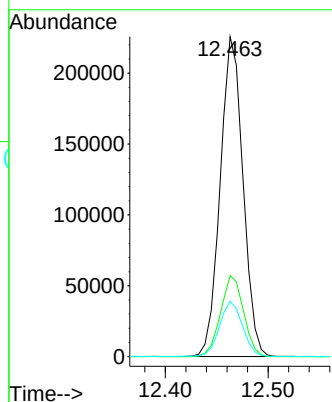
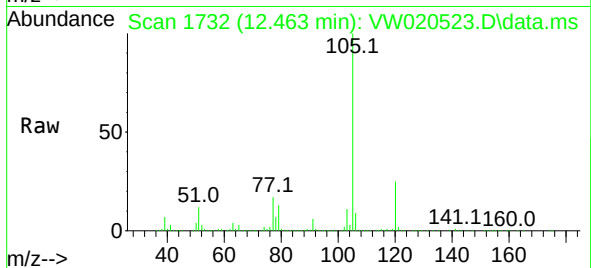




#60
Isopropylbenzene
Concen: 25.726 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

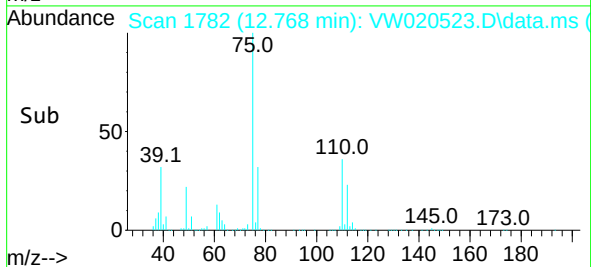
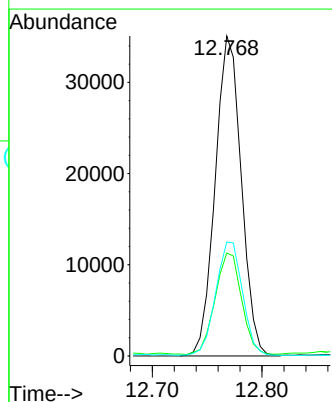
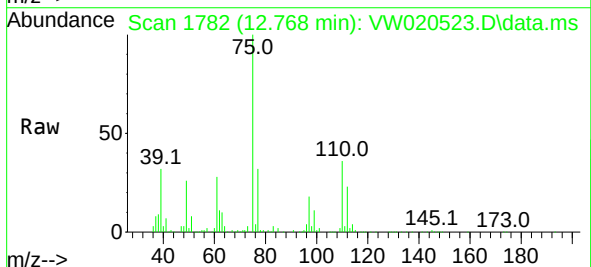
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

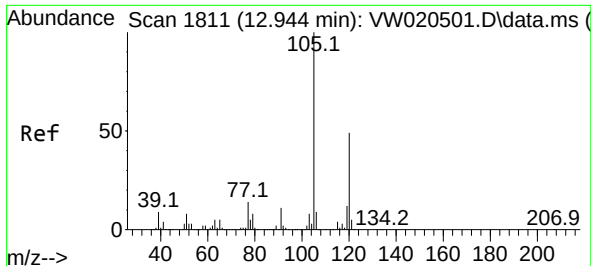
Tgt Ion:105 Resp: 346803
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 17.2 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 28.678 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 75 Resp: 58029
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 36.3 29.4 44.0

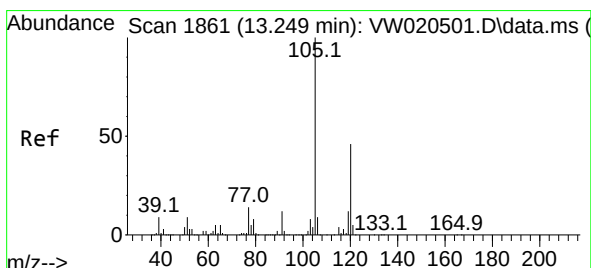
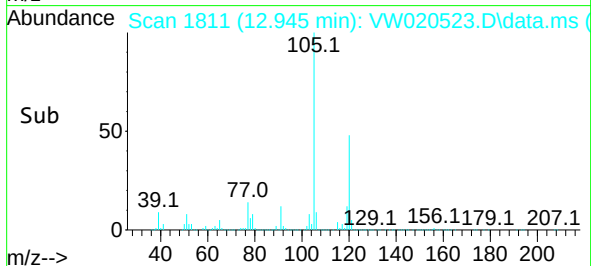
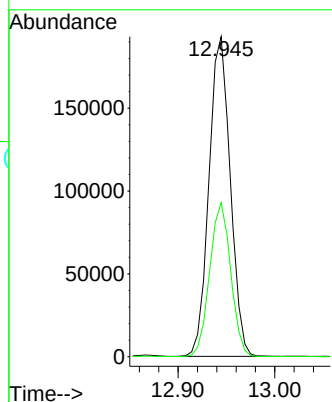
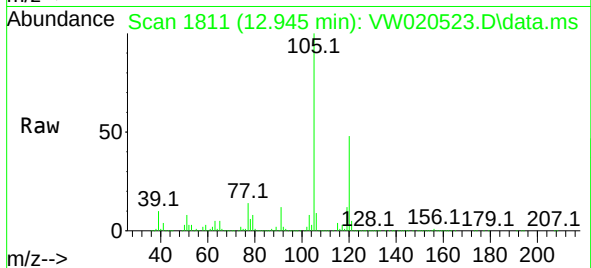




#62
1,3,5-Trimethylbenzene
Concen: 26.786 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

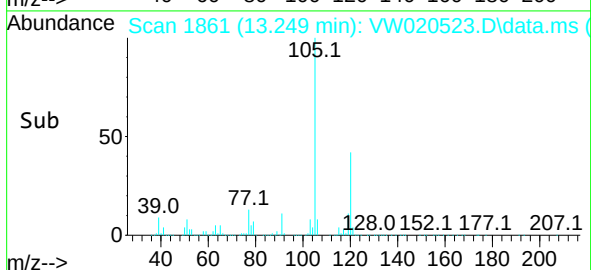
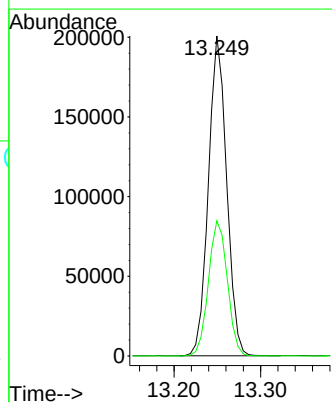
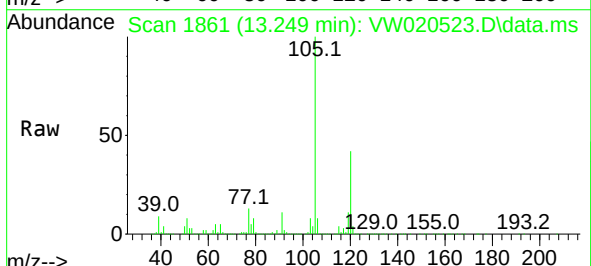
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

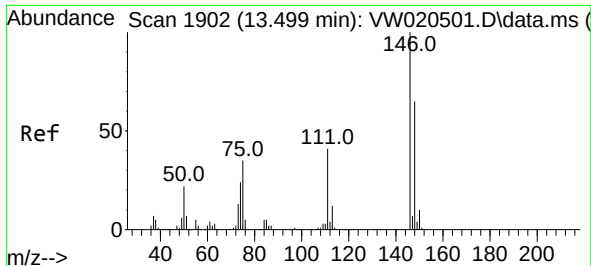
Tgt Ion:105 Resp: 294827
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 26.894 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:105 Resp: 293213
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2

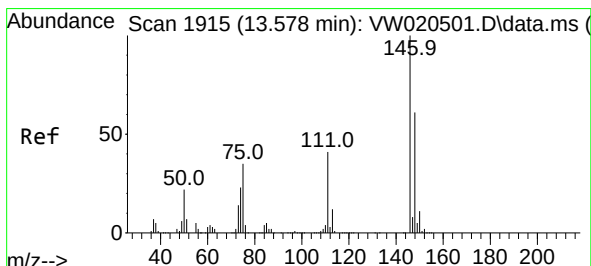
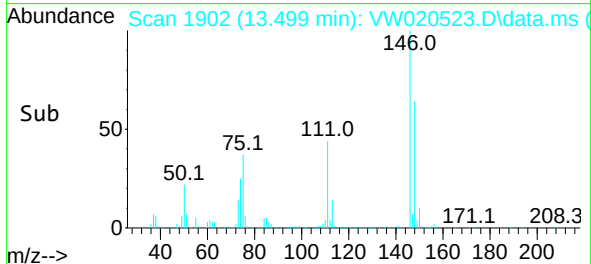
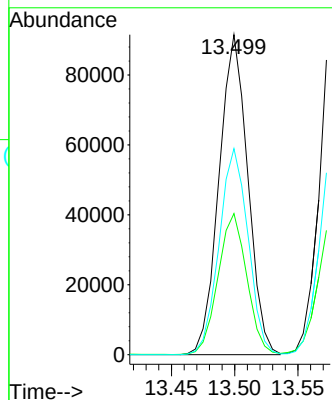
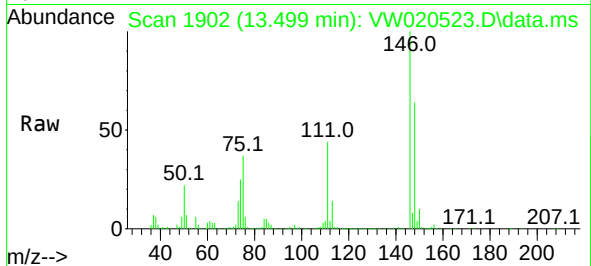




#64
1,3-Dichlorobenzene
Concen: 24.804 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

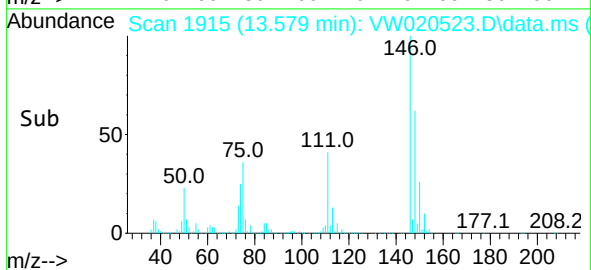
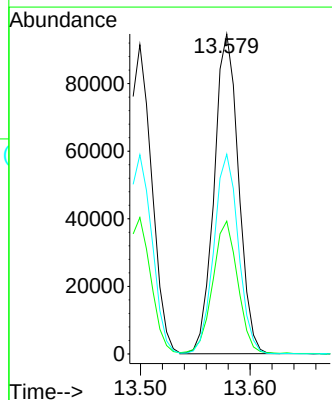
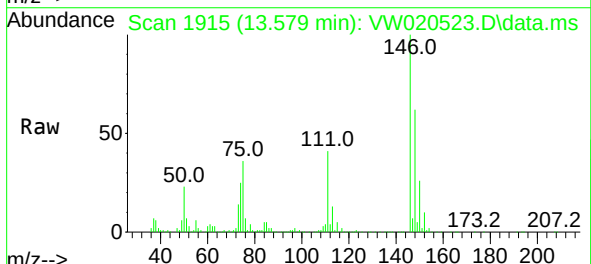
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

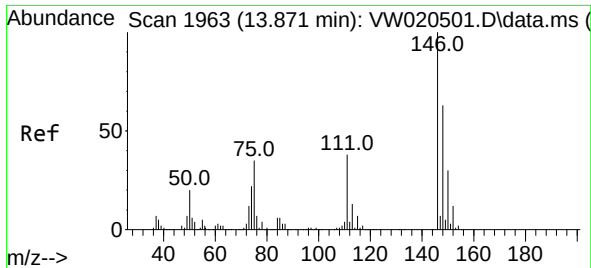
Tgt Ion:146 Resp: 144680
Ion Ratio Lower Upper
146 100
111 44.1 29.0 53.8
148 64.4 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 24.288 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:146 Resp: 146536
Ion Ratio Lower Upper
146 100
111 41.5 30.9 57.5
148 62.4 46.1 85.7

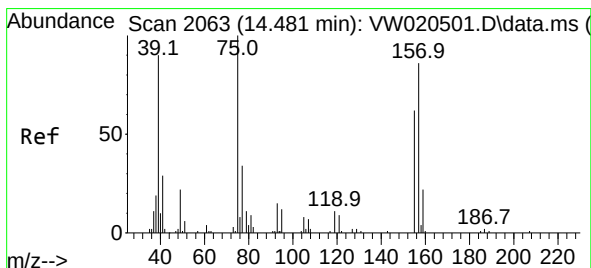
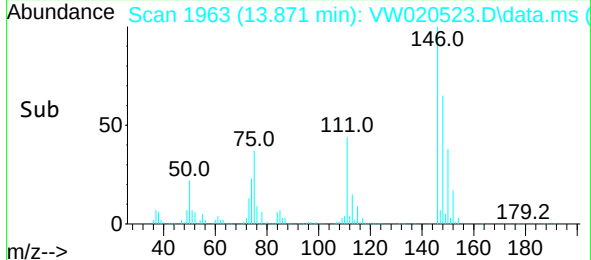
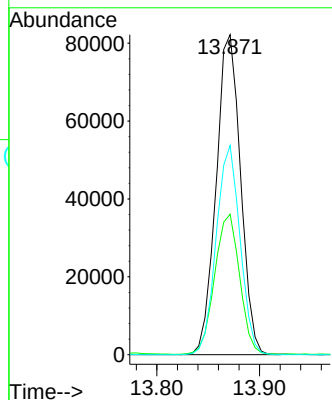
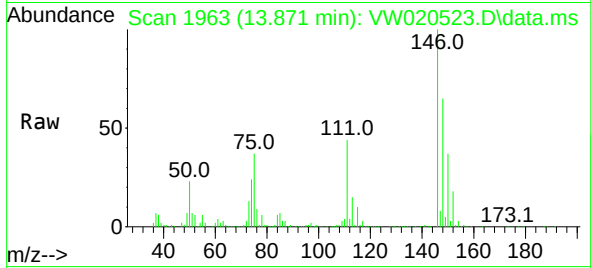




#67
1,2-Dichlorobenzene
Concen: 25.401 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

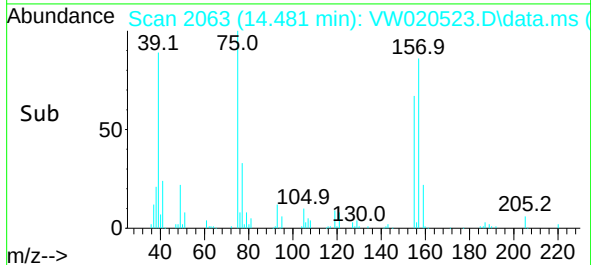
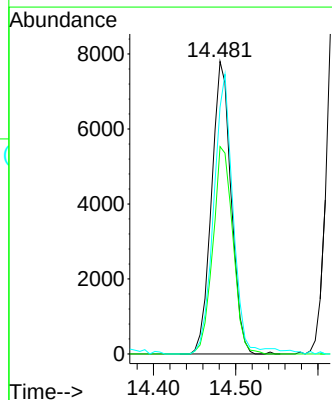
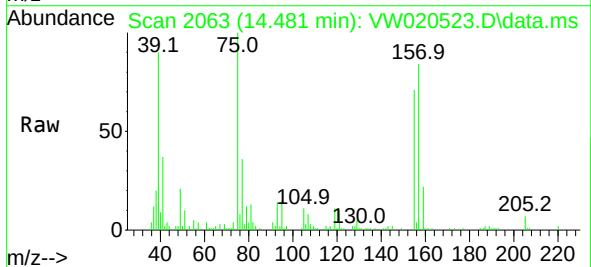
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

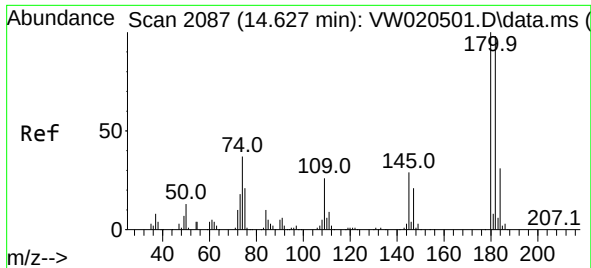
Tgt Ion:146 Resp: 135742
Ion Ratio Lower Upper
146 100
111 43.9 33.9 50.9
148 65.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 30.039 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion: 75 Resp: 12911
Ion Ratio Lower Upper
75 100
155 70.9 51.4 77.0
157 84.4 70.8 106.2

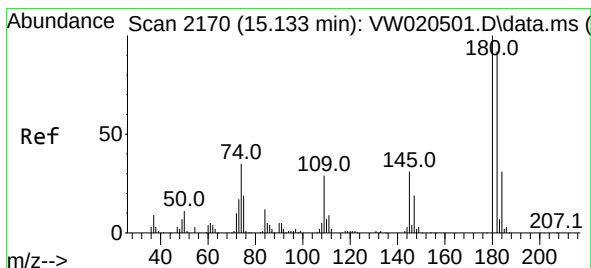
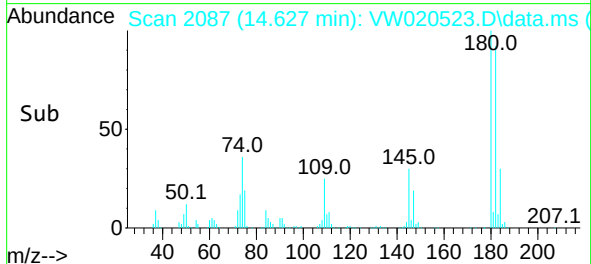
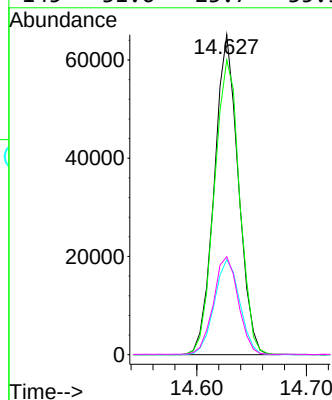
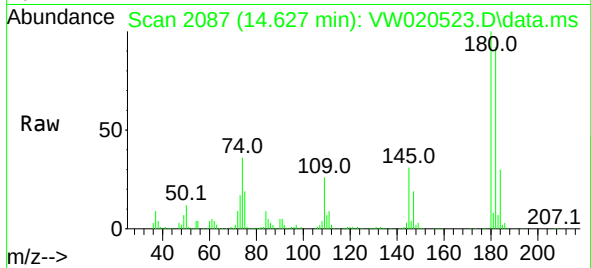




#69
1,3,5-Trichlorobenzene
Concen: 23.887 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

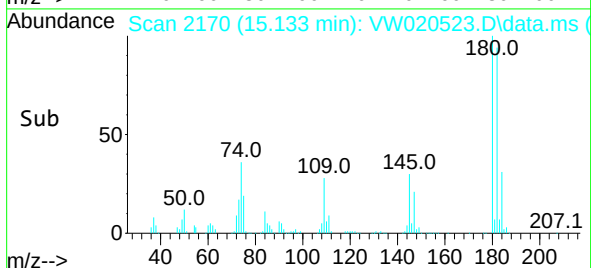
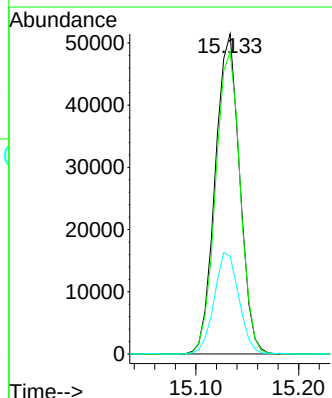
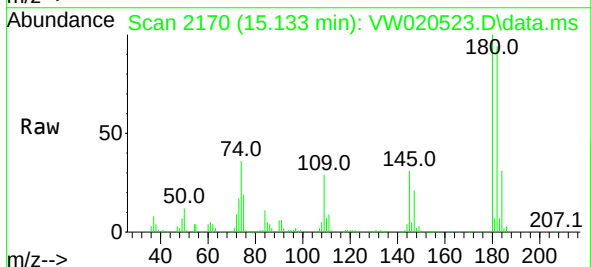
Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

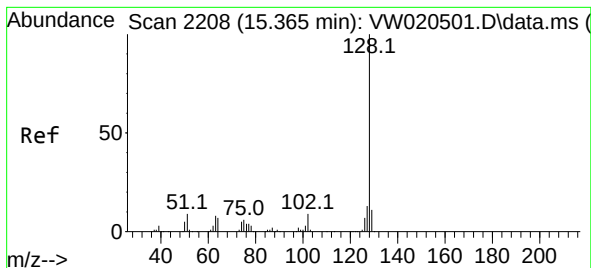
Tgt Ion:	180	Resp:	99352
Ion Ratio	Lower	Upper	
180	100		
182	96.7	73.4	110.0
184	31.2	24.2	36.4
145	31.6	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 25.743 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:	180	Resp:	84783
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.8
145	32.0	24.8	37.2

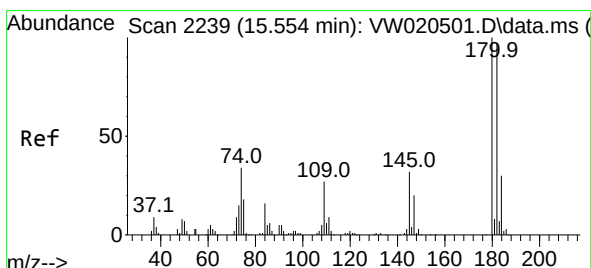
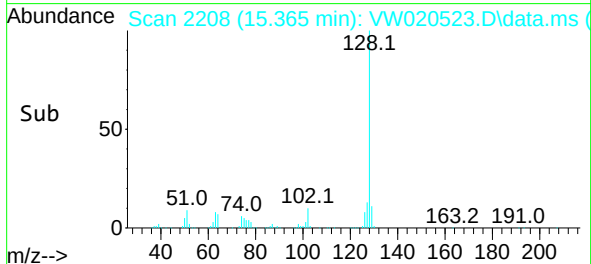
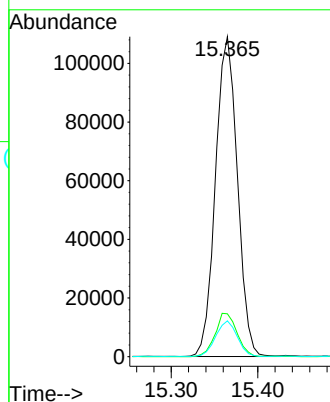
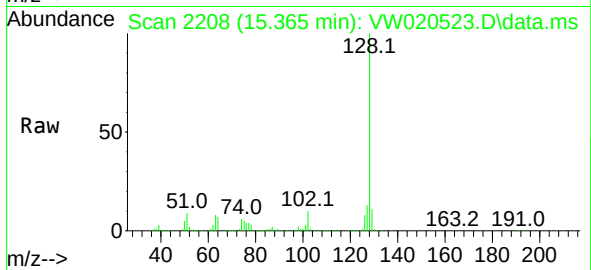




#71
Naphthalene
Concen: 32.378 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025035

Tgt Ion:128 Resp: 191721
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.366 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020523.D
Acq: 15 Oct 2021 04:24

Tgt Ion:180 Resp: 73374
Ion Ratio Lower Upper
180 100
182 99.7 74.8 112.2
145 35.5 26.2 39.4

