

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092821\
 Data File : VW020216.D
 Acq On : 28 Sep 2021 16:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 29 00:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 29 00:57:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	305844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118915	19.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.040%
7) Chloroethane-d5	2.898	69	102273	21.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	4.025	63	201270	20.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.160%
21) 2-Butanone-d5	7.080	46	41903	43.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.800%
24) Chloroform-d	7.653	84	219806	22.852	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	121828	23.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.120%
32) Benzene-d6	8.275	84	415937	22.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.274	67	119606	22.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	10.323	98	400963	23.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	10.579	79	54782	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	10.927	63	35311	47.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99021	23.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	131741	21.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	71841	26.818	ug/L	93
3) Chloromethane	2.221	50	84024	22.683	ug/L	98
5) Vinyl chloride	2.373	62	145528	25.020	ug/L	98
6) Bromomethane	2.794	94	97000	25.797	ug/L	96
8) Chloroethane	2.934	64	90411	25.704	ug/L	99
9) Trichlorofluoromethane	3.269	101	99235	24.249	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	106380	23.779	ug/L	99
12) 1,1-Dichloroethene	4.050	96	94862	23.388	ug/L	81
13) Acetone	4.141	43	40667	49.179	ug/L	98
14) Carbon disulfide	4.391	76	292913	22.964	ug/L	99
15) Methyl Acetate	4.684	43	37159	23.499	ug/L	98
16) Methylene chloride	4.922	84	110580	20.490	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	99095	23.191	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	115129	22.697	ug/L	99
19) 1,1-Dichloroethane	6.220	63	183289	23.257	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	101509	23.359	ug/L	96
22) 2-Butanone	7.177	43	49670	46.299	ug/L	97
23) Bromochloromethane	7.513	128	46526	23.619	ug/L	97
25) Chloroform	7.677	83	193843	23.521	ug/L	99

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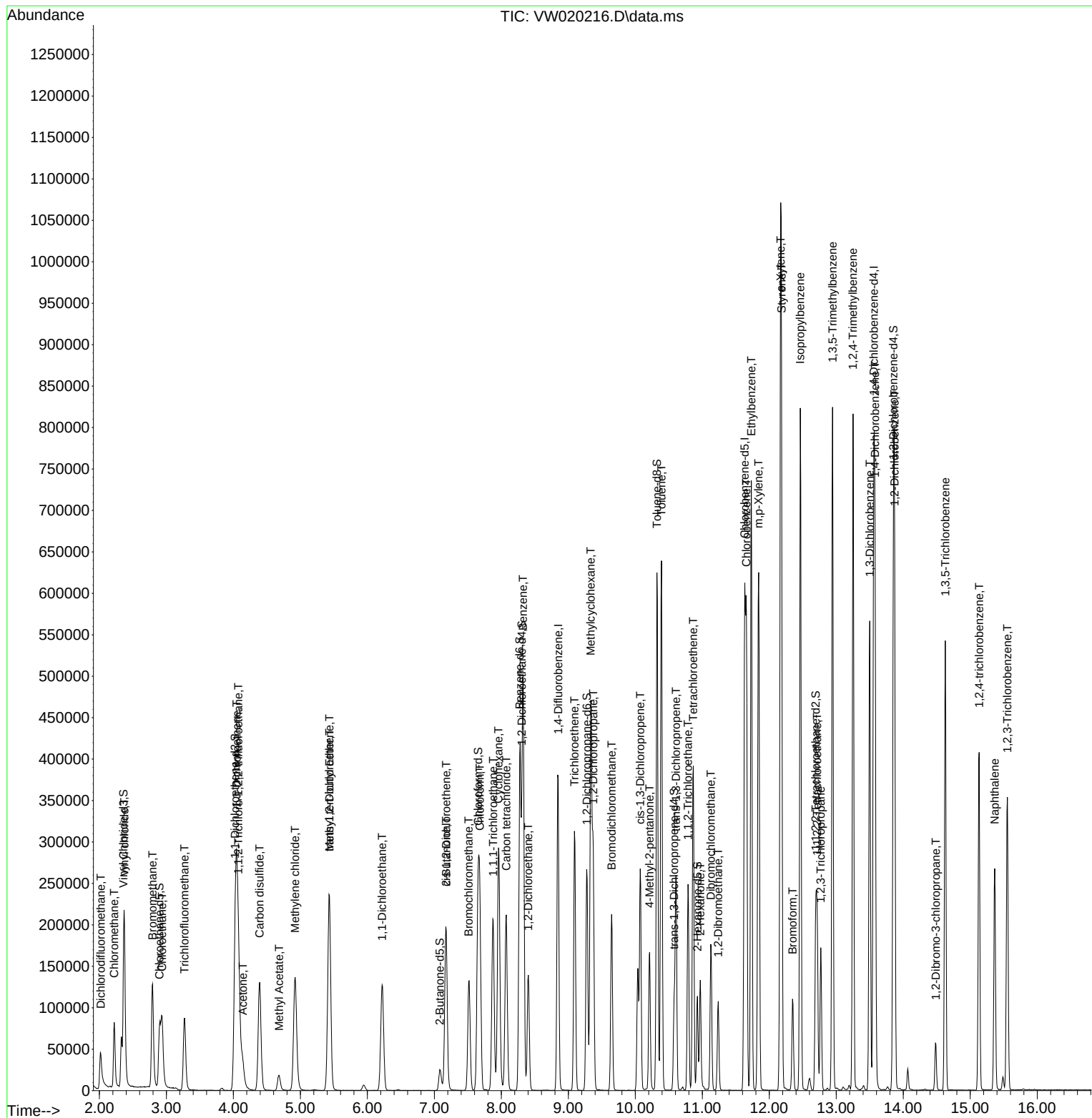
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	130265	24.018	ug/L	98
29) Cyclohexane	7.958	56	152429	23.366	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	166752	22.954	ug/L	100
31) Carbon tetrachloride	8.073	117	156877	23.734	ug/L	99
33) Benzene	8.323	78	416307	23.529	ug/L	100
34) Trichloroethene	9.092	95	106672	22.522	ug/L	97
35) Methylcyclohexane	9.335	83	184085	23.853	ug/L	99
37) 1,2-Dichloropropane	9.372	63	101149	23.081	ug/L	99
38) Bromodichloromethane	9.646	83	140345	23.649	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	151988	23.514	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	104278	47.246	ug/L	100
42) Toluene	10.390	91	462058	24.581	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	140321	24.168	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	73988	23.025	ug/L	97
46) Tetrachloroethene	10.866	164	83518	22.813	ug/L	98
48) 2-Hexanone	10.969	43	79656	51.810	ug/L	100
49) Dibromochloromethane	11.128	129	88393	23.541	ug/L	99
50) 1,2-Dibromoethane	11.238	107	68748	22.733	ug/L	100
51) Chlorobenzene	11.658	112	284341	23.258	ug/L	98
52) Ethylbenzene	11.731	91	504984	24.391	ug/L	97
53) m,p-Xylene	11.841	106	192995	24.451	ug/L	95
54) o-Xylene	12.170	106	182392	24.980	ug/L	94
55) Styrene	12.182	104	319503	25.183	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	92505	24.102	ug/L	95
59) Bromoform	12.347	173	48347	22.102	ug/L	99
60) Isopropylbenzene	12.463	105	499236	23.207	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67640	22.327	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	417067	23.623	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406885	23.461	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	220044	22.304	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	226919	22.257	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	202829	22.574	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	15214	22.371	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	156543	22.941	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	118158	22.437	ug/L	94
71) Naphthalene	15.365	128	223312	24.043	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	115834	24.428	ug/L	96

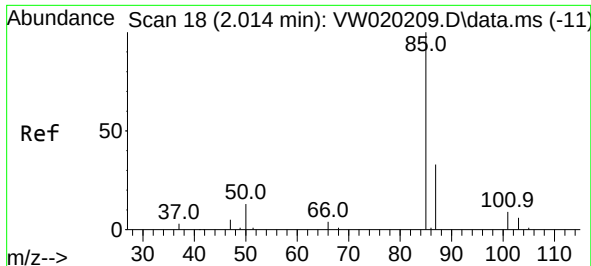
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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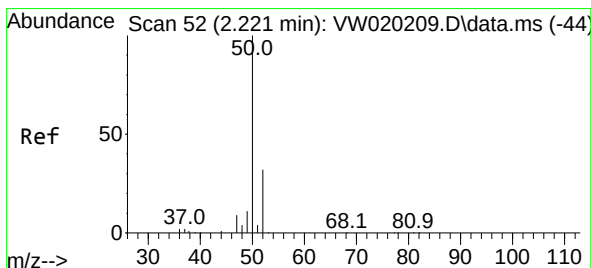
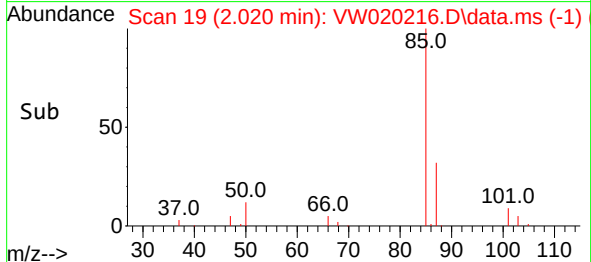
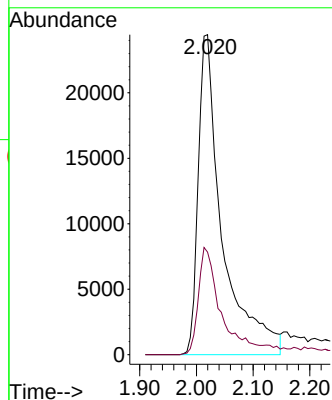
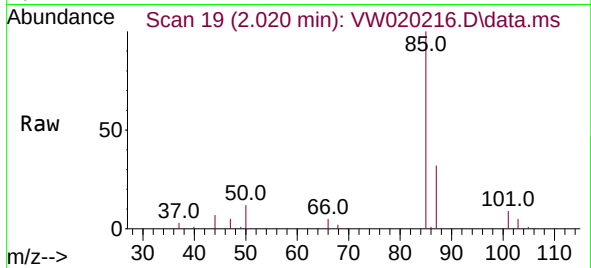




#2
Dichlorodifluoromethane
Concen: 26.818 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

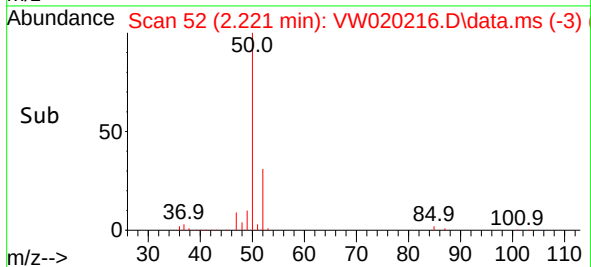
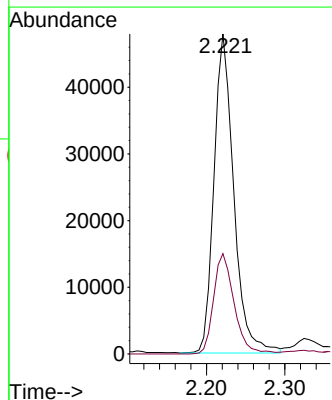
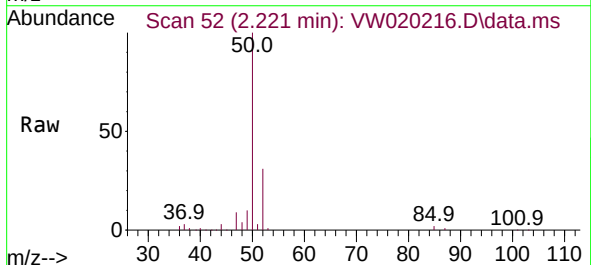
Instrument :
MSVOA_W
ClientSampled :

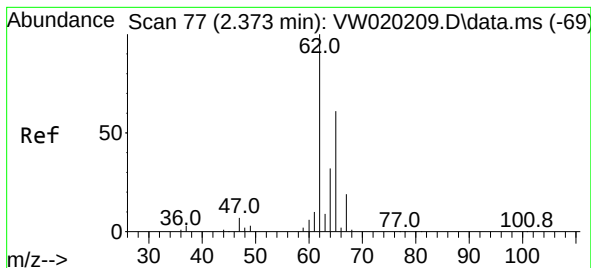
Tgt Ion: 85 Resp: 71841
Ion Ratio Lower Upper
85 100
87 28.8 26.3 39.5



#3
Chloromethane
Concen: 22.683 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 50 Resp: 84024
Ion Ratio Lower Upper
50 100
52 31.3 22.5 41.9





#5

Vinyl chloride

Concen: 25.020 ug/L

RT: 2.373 min Scan# 77

Delta R.T. -0.000 min

Lab File: VW020216.D

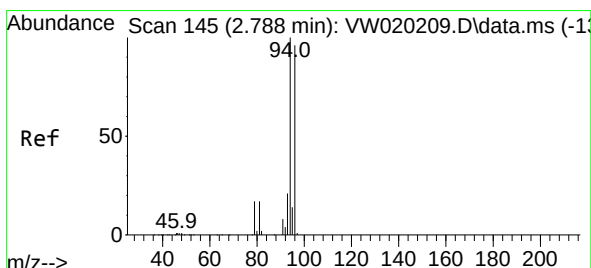
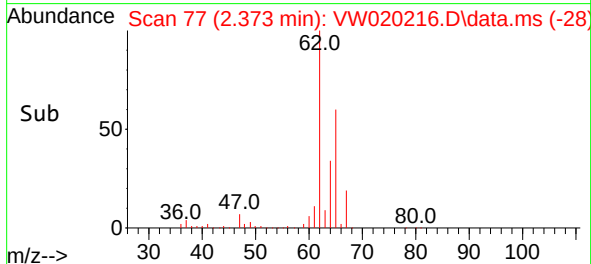
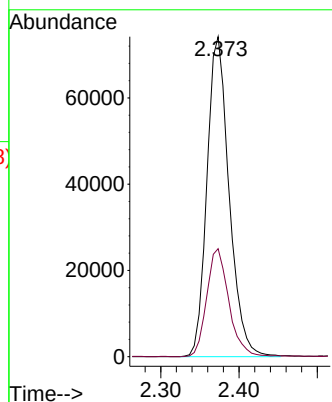
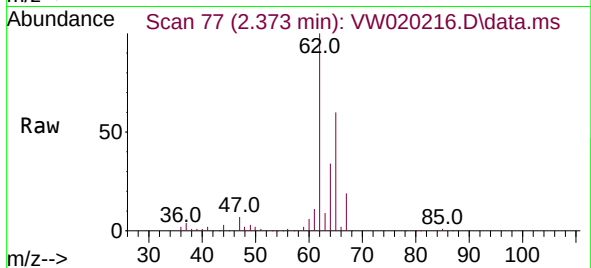
Acq: 28 Sep 2021 16:17

Tgt Ion: 62 Resp: 145528

Ion Ratio Lower Upper

62 100

64 33.7 24.5 45.5



#6

Bromomethane

Concen: 25.797 ug/L

RT: 2.794 min Scan# 146

Delta R.T. 0.006 min

Lab File: VW020216.D

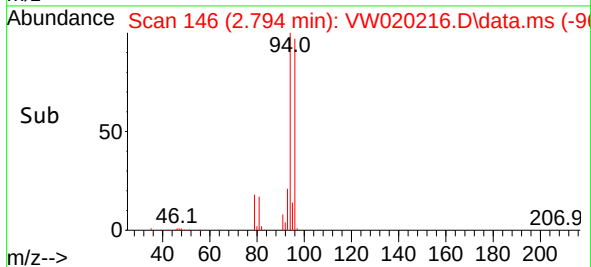
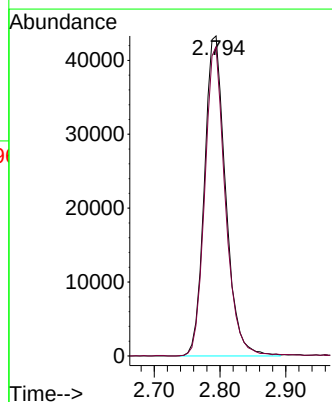
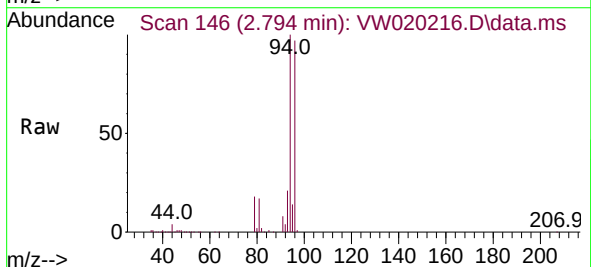
Acq: 28 Sep 2021 16:17

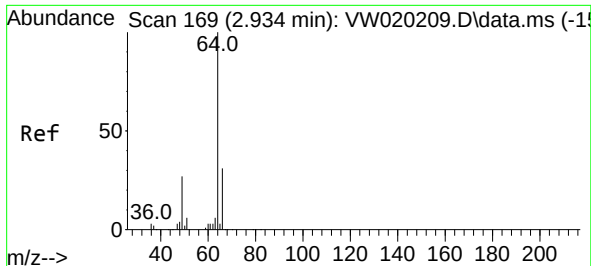
Tgt Ion: 94 Resp: 97000

Ion Ratio Lower Upper

94 100

96 96.5 64.8 120.3

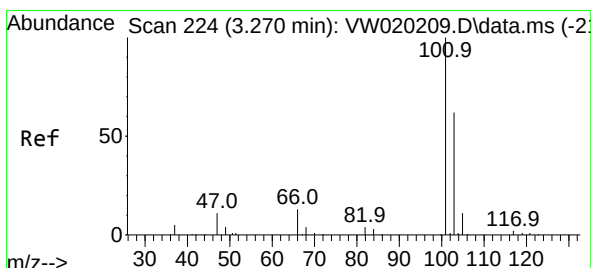
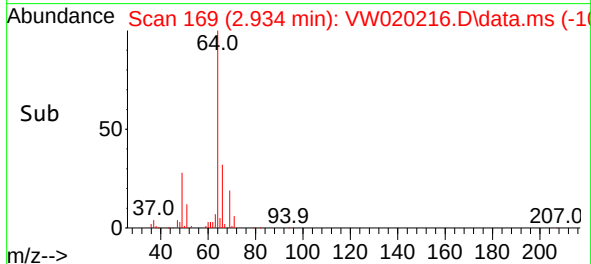
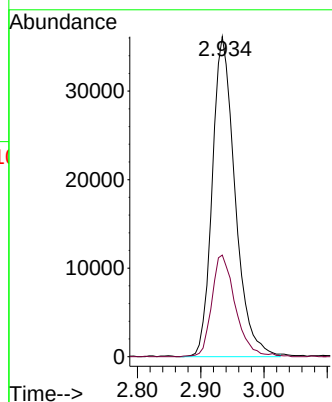
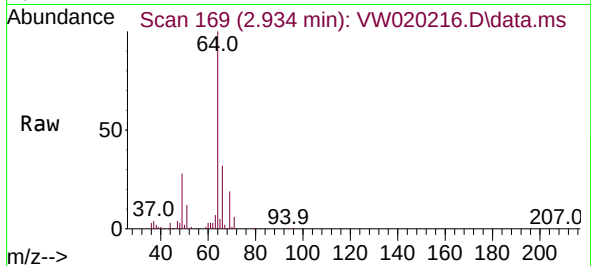




#8
Chloroethane
Concen: 25.704 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

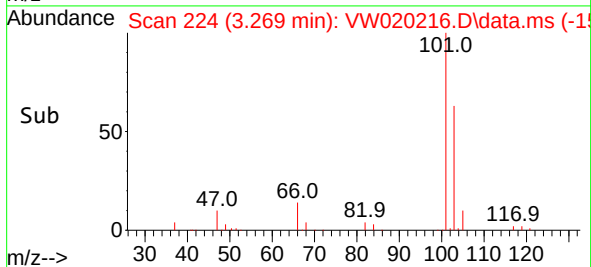
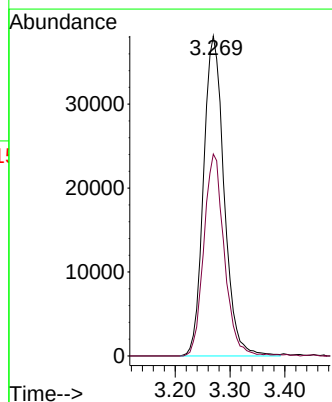
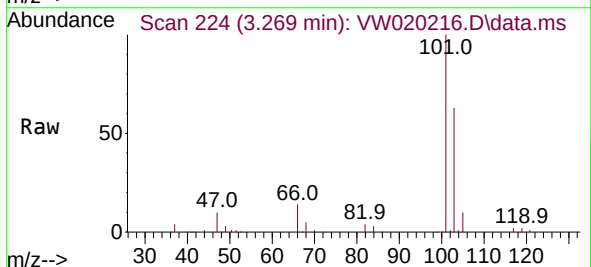
Instrument :
MSVOA_W
ClientSampled :

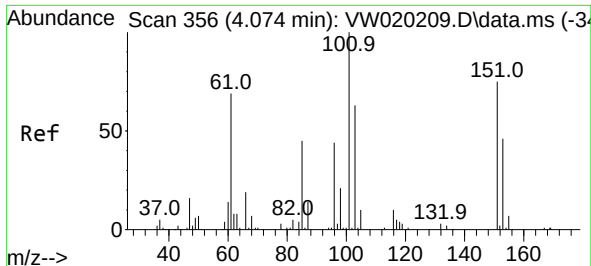
Tgt Ion: 64 Resp: 90411
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.249 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 101 Resp: 99235
Ion Ratio Lower Upper
101 100
103 62.6 51.3 76.9

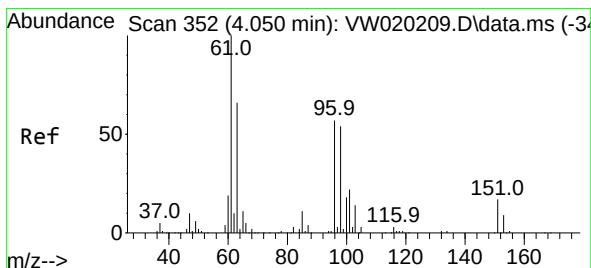
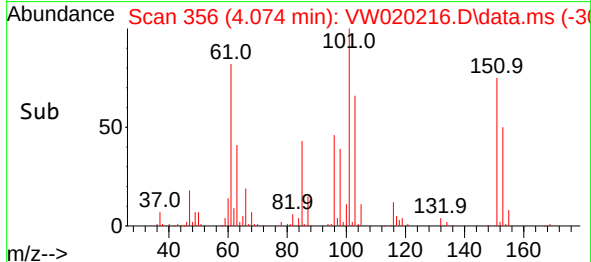
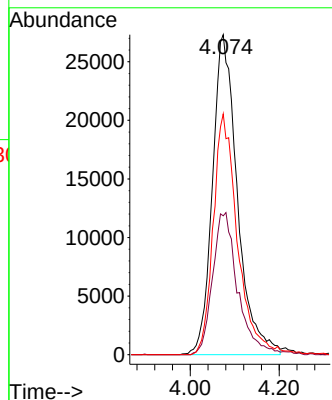
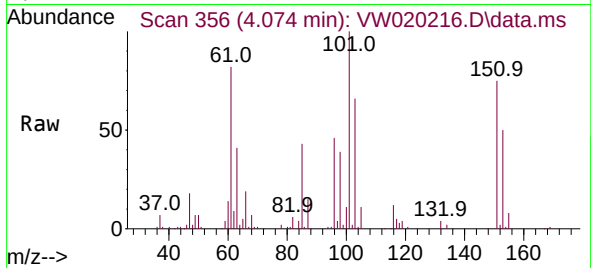




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.779 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW020216.D
 Acq: 28 Sep 2021 16:17

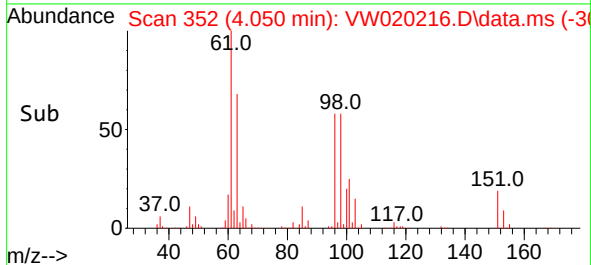
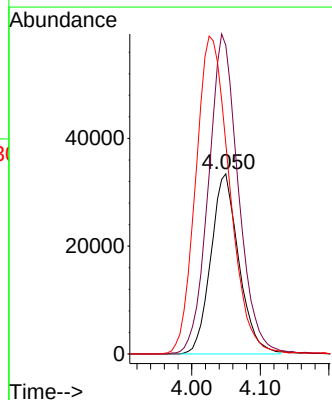
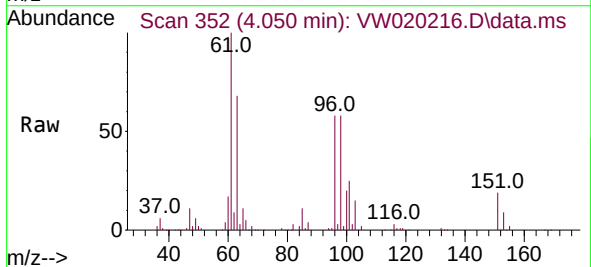
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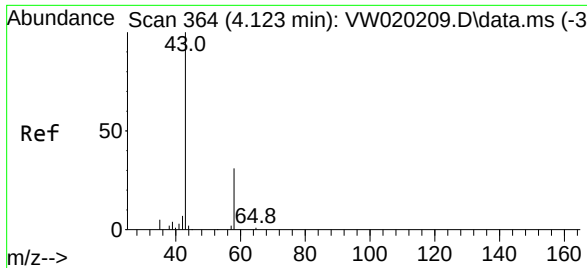
Tgt Ion:101 Resp: 106380
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 72.3 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 23.388 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW020216.D
 Acq: 28 Sep 2021 16:17

Tgt Ion: 96 Resp: 94862
 Ion Ratio Lower Upper
 96 100
 61 171.3 126.1 234.3
 63 116.9 112.6 209.0

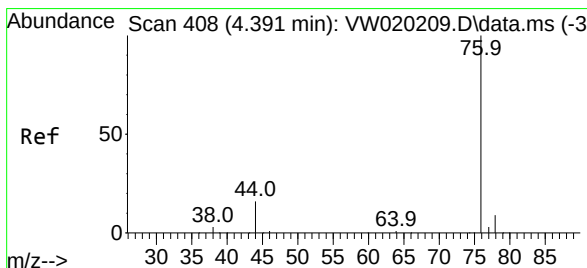
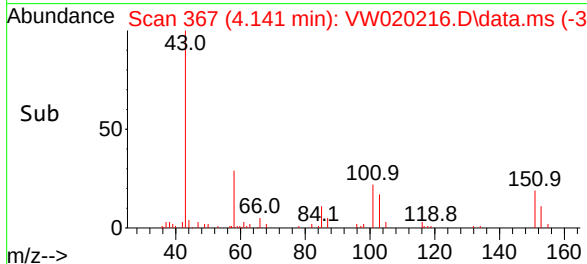
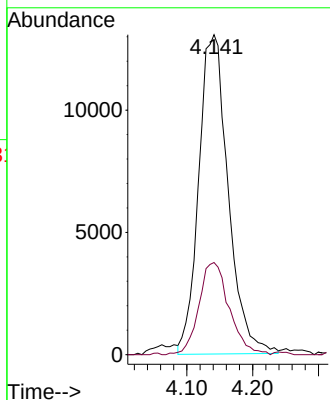
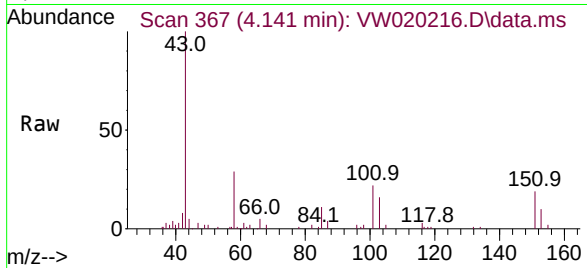




#13
Acetone
Concen: 49.179 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

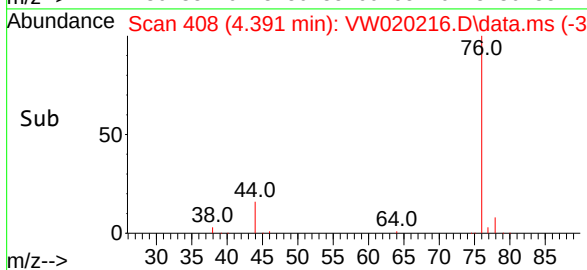
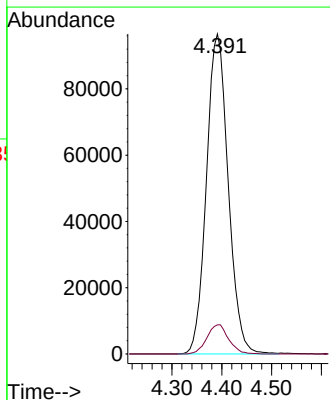
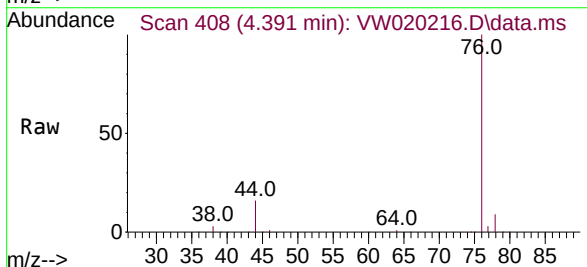
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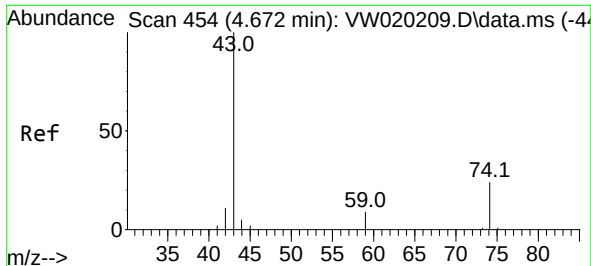
Tgt Ion: 43 Resp: 40667
Ion Ratio Lower Upper
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58 29.6 0.0 61.6



#14
Carbon disulfide
Concen: 22.964 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 292913
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

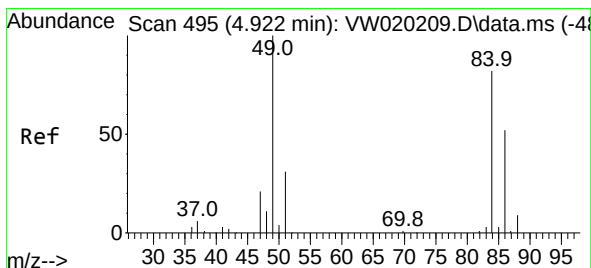
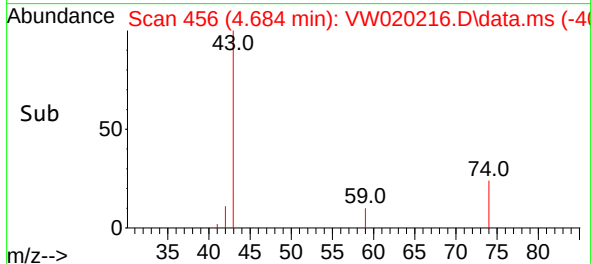
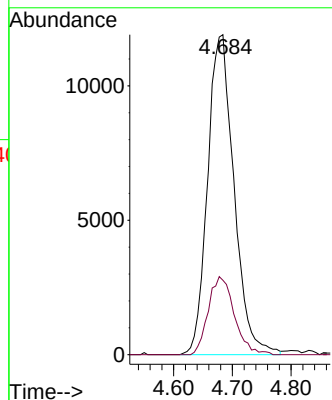
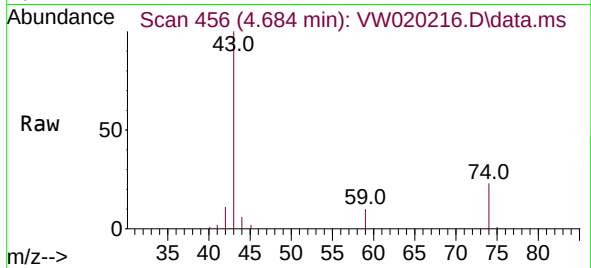




#15
Methyl Acetate
Concen: 23.499 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

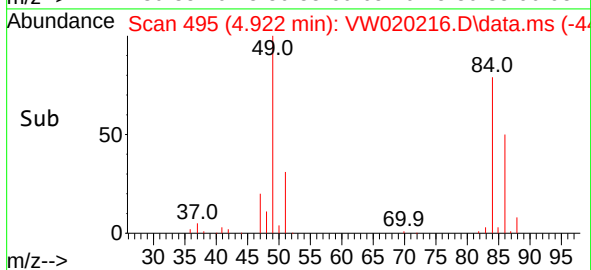
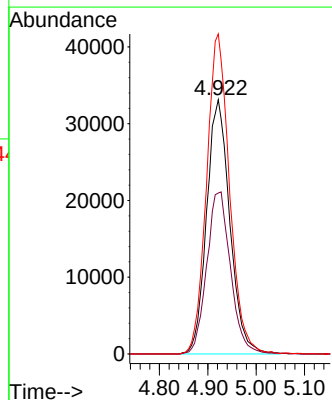
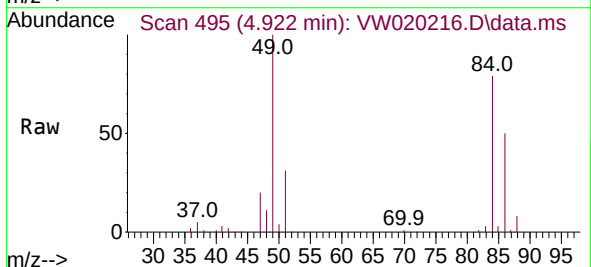
Instrument :
MSVOA_W
ClientSampled :

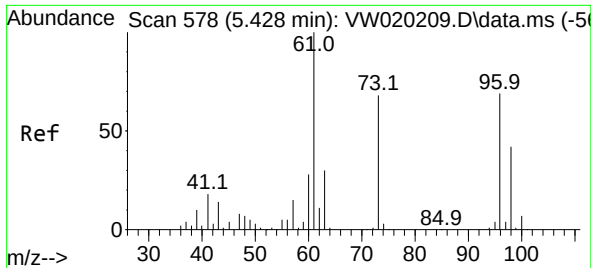
Tgt Ion: 43 Resp: 37159
Ion Ratio Lower Upper
43 100
74 23.8 20.0 30.0



#16
Methylene chloride
Concen: 20.490 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 84 Resp: 110580
Ion Ratio Lower Upper
84 100
86 63.3 42.6 79.0
49 125.9 83.4 154.8

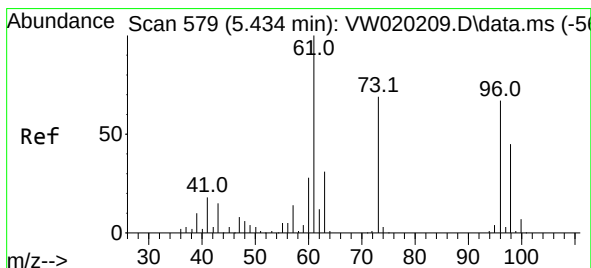
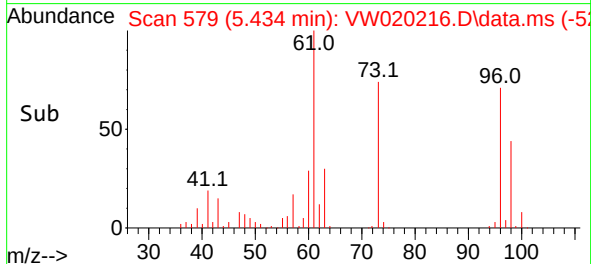
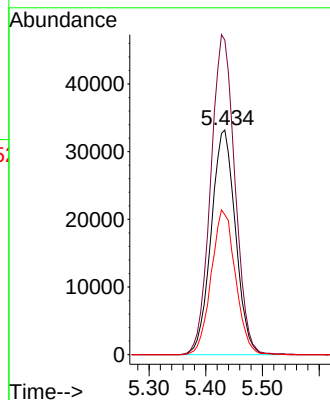
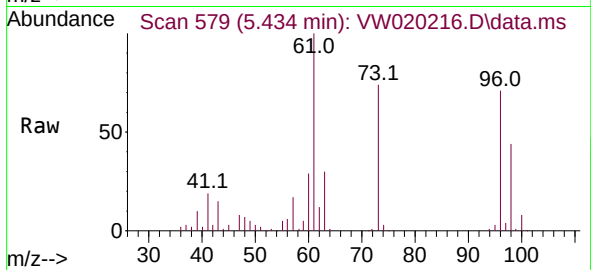




#17
trans-1,2-Dichloroethene
Concen: 23.191 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

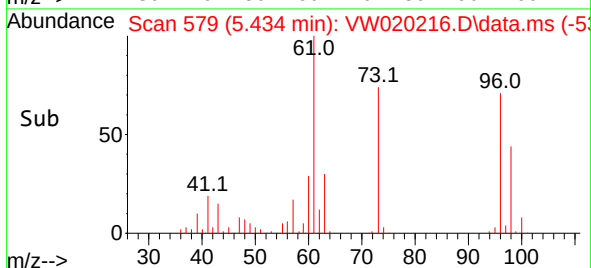
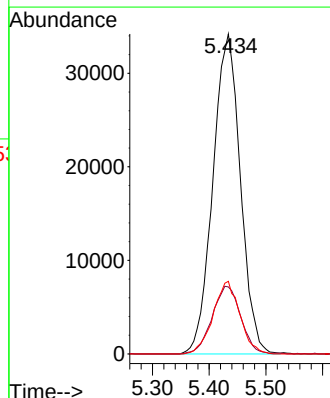
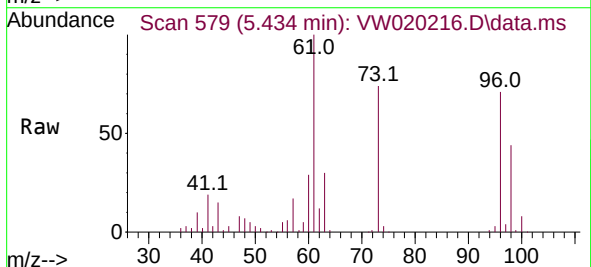
Instrument :
MSVOA_W
ClientSampled :

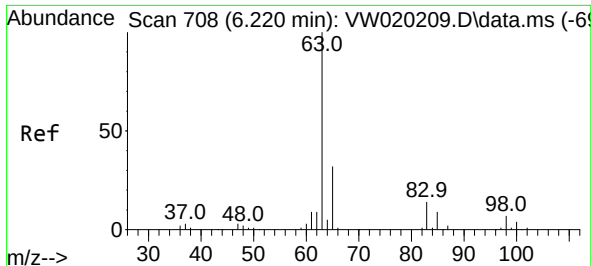
Tgt Ion:	96	Resp:	99095
Ion	Ratio	Lower	Upper
96	100		
61	140.1	98.3	182.5
98	62.3	46.6	86.6



#18
Methyl tert-butyl Ether
Concen: 22.697 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:	73	Resp:	115129
Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.4	26.0
57	22.1	17.4	26.0





#19

1,1-Dichloroethane

Concen: 23.257 ug/L

RT: 6.220 min Scan# 708

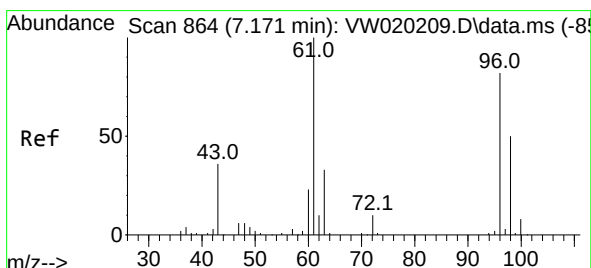
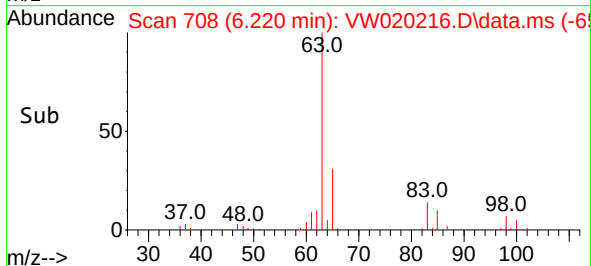
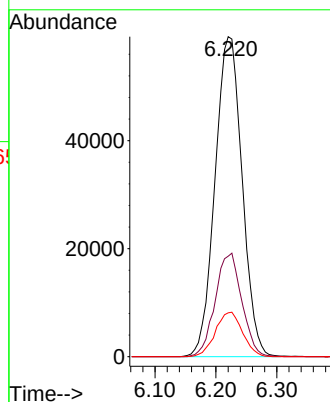
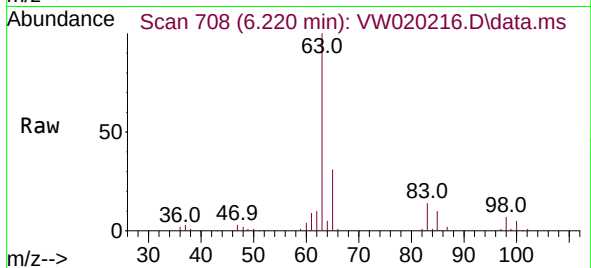
Delta R.T. -0.000 min

Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion: 63	Resp: 183289		
Ion Ratio	Lower	Upper	
63	100		
65	31.4	23.1	42.9
83	13.7	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 23.359 ug/L

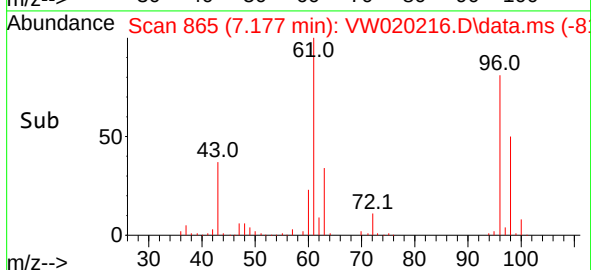
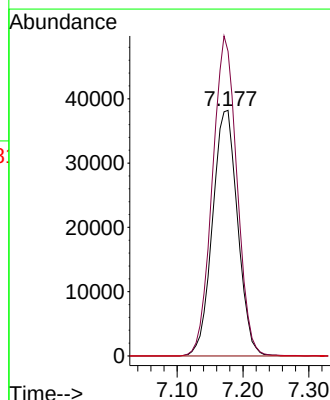
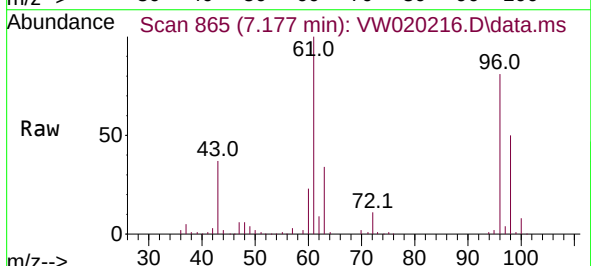
RT: 7.177 min Scan# 865

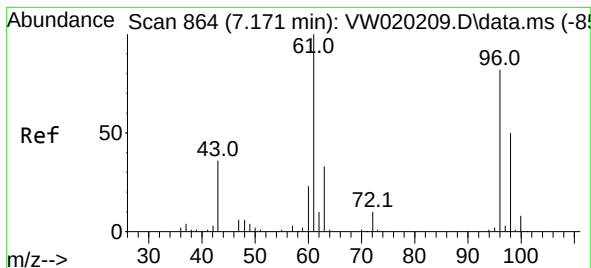
Delta R.T. 0.006 min

Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion: 96	Resp: 101509
Ion Ratio	Lower Upper
96 100	
61 124.0	89.9 167.0
68 0.0	0.0 0.0

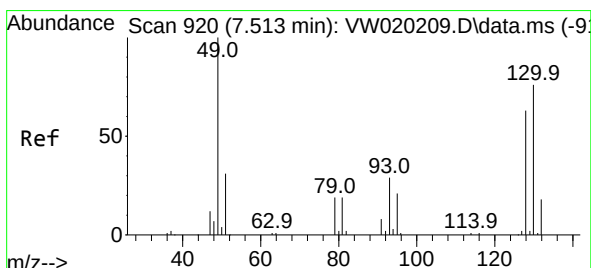
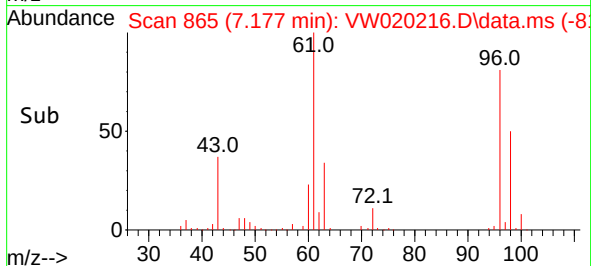
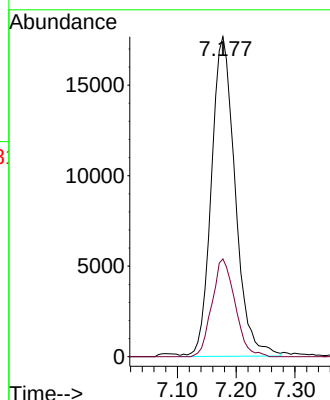
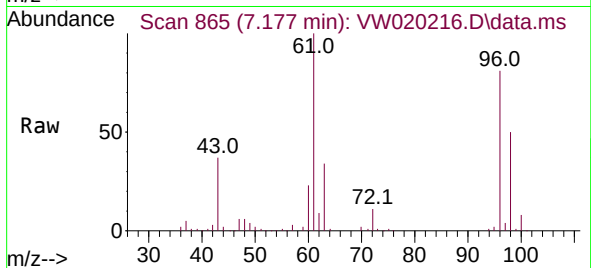




#22
2-Butanone
Concen: 46.299 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

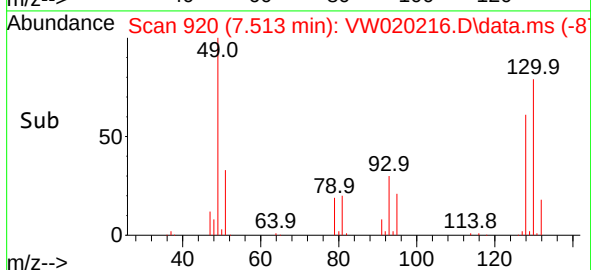
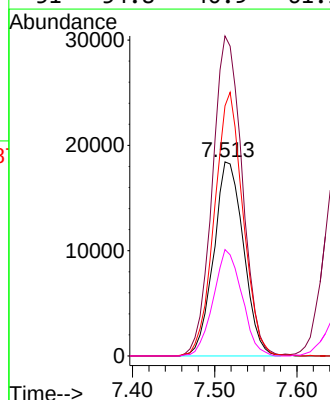
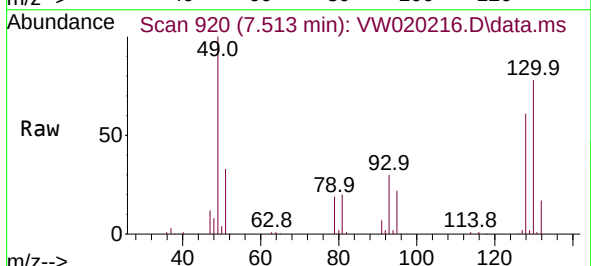
Instrument :
MSVOA_W
ClientSampled :

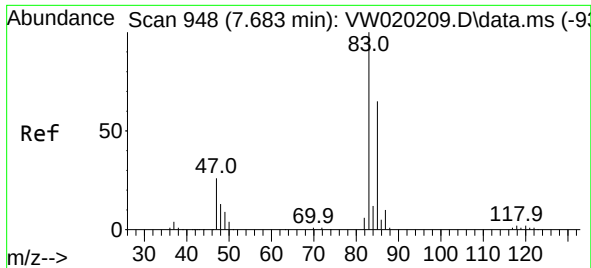
Tgt Ion: 43 Resp: 49670
Ion Ratio Lower Upper
43 100
72 29.7 14.1 42.2



#23
Bromochloromethane
Concen: 23.619 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 128 Resp: 46526
Ion Ratio Lower Upper
128 100
49 164.8 114.7 213.1
130 128.8 94.2 175.0
51 54.8 40.9 61.3

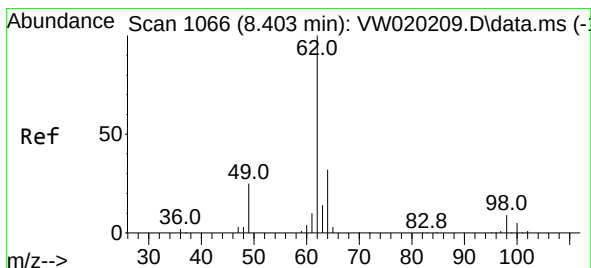
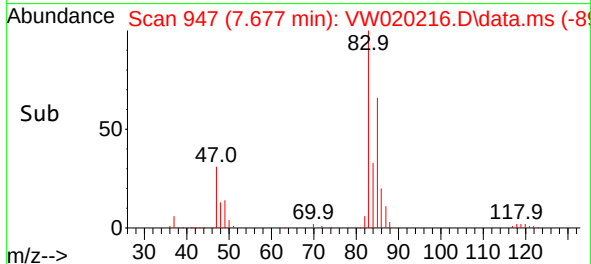
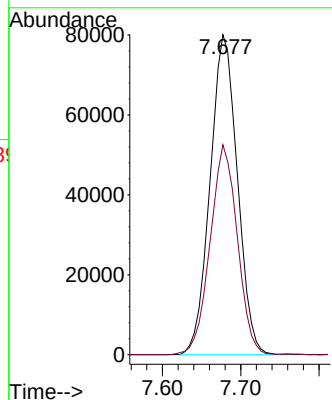
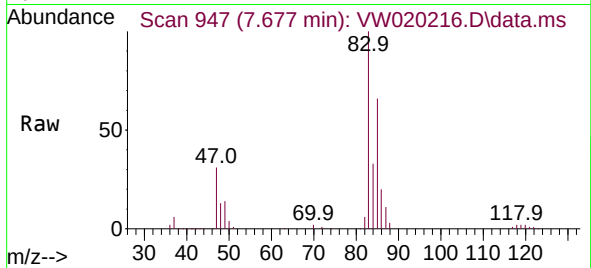




#25
Chloroform
Concen: 23.521 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

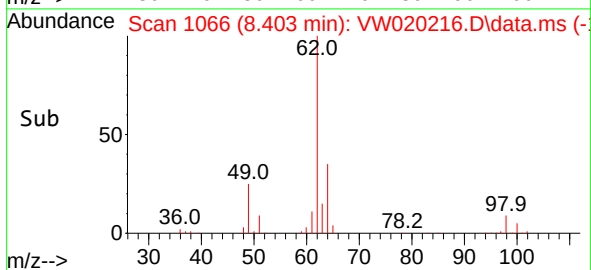
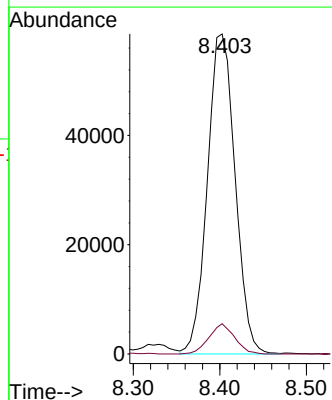
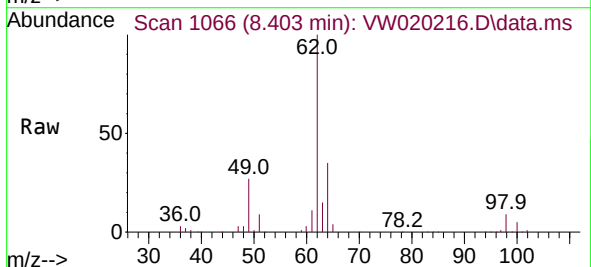
Instrument :
MSVOA_W
ClientSampled :

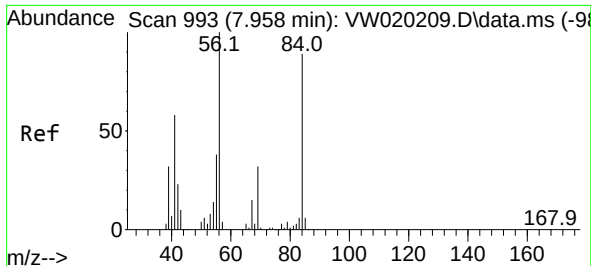
Tgt Ion: 83 Resp: 193843
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 24.018 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 62 Resp: 130265
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3





#29

Cyclohexane

Concen: 23.366 ug/L

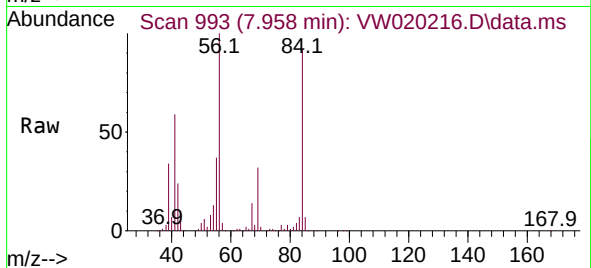
RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

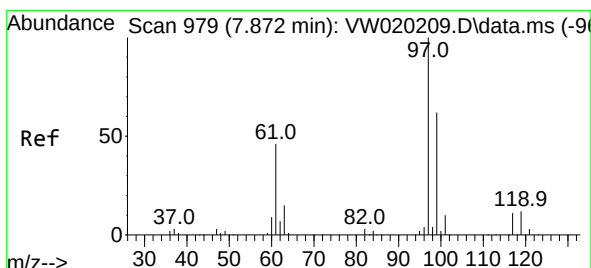
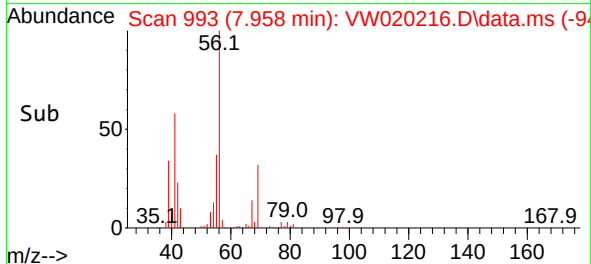
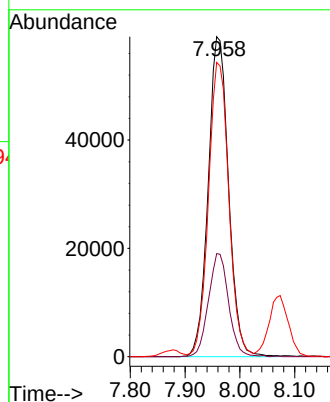
Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	56	Resp:	152429
Ion Ratio	Lower	Upper	
56	100		
69	31.7	25.7	38.5
84	91.8	73.4	110.2



#30

1,1,1-Trichloroethane

Concen: 22.954 ug/L

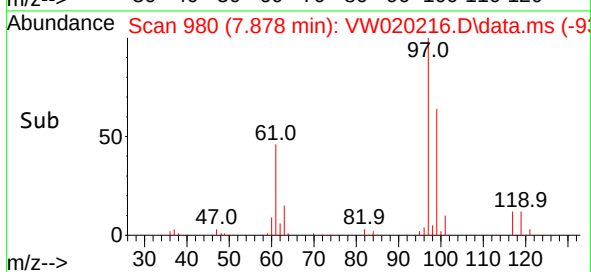
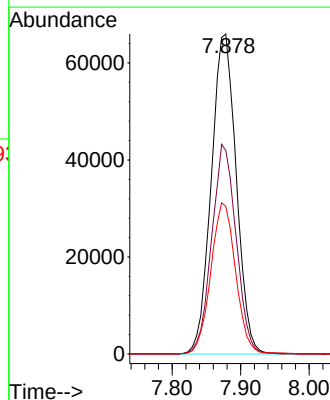
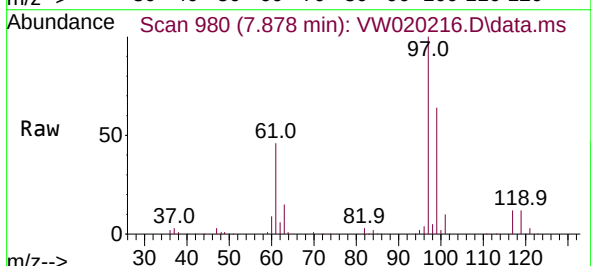
RT: 7.878 min Scan# 980

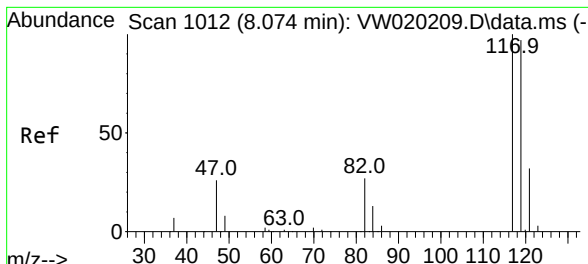
Delta R.T. 0.006 min

Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion:	97	Resp:	166752
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.4	77.0
61	46.8	37.5	56.3

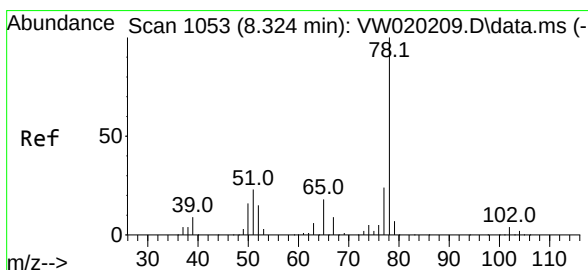
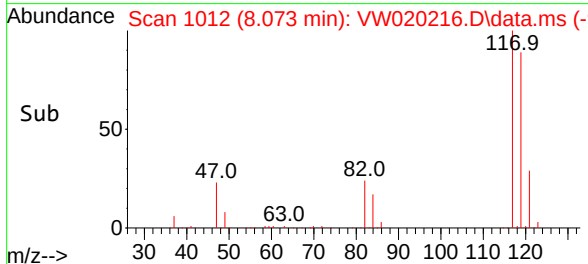
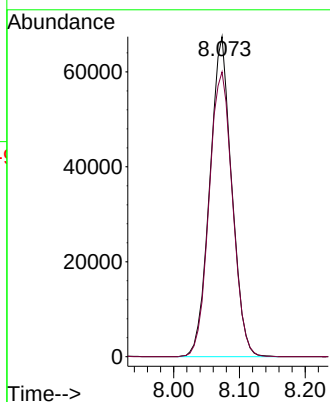
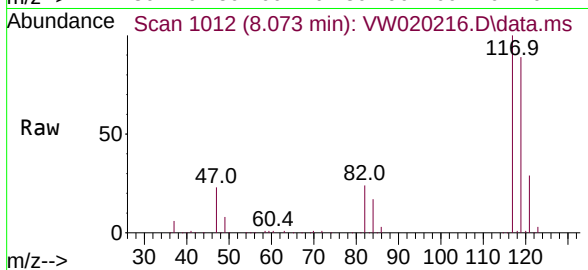




#31
Carbon tetrachloride
Concen: 23.734 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

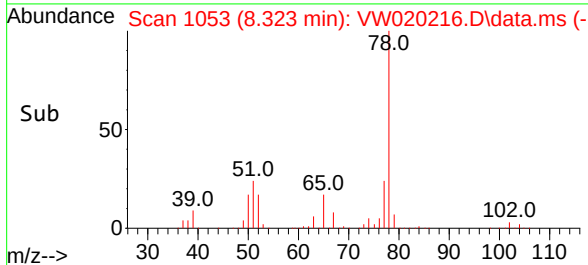
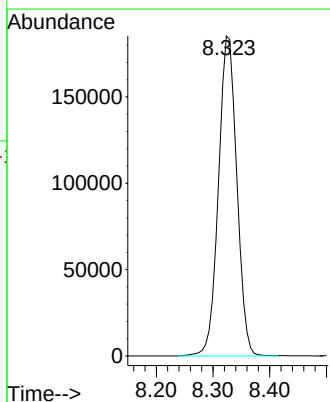
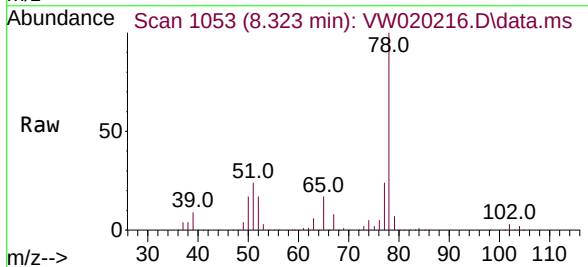
Instrument :
MSVOA_W
ClientSampled :

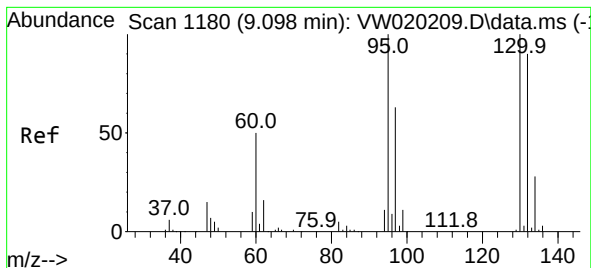
Tgt Ion:117 Resp: 156877
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6



#33
Benzene
Concen: 23.529 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 78 Resp: 416307





#34

Trichloroethene

Concen: 22.522 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion: 95 Resp: 106672

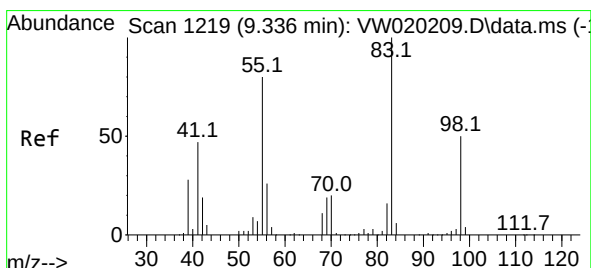
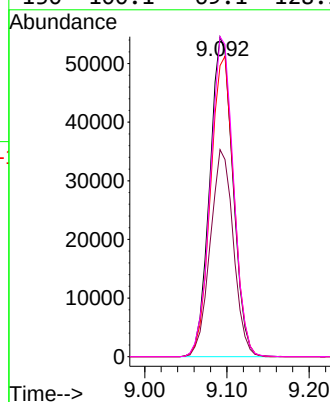
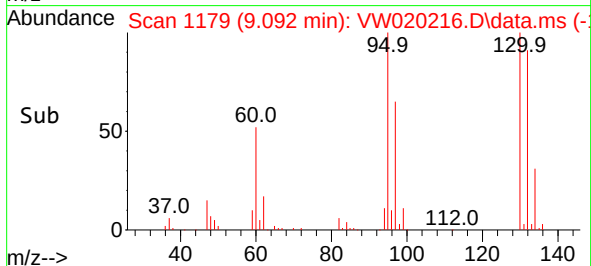
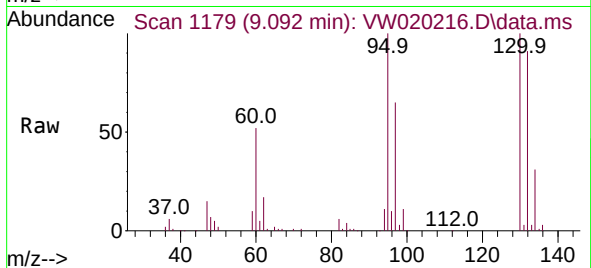
Ion Ratio Lower Upper

95 100

97 64.8 45.1 83.7

132 91.0 67.9 126.1

130 100.1 69.1 128.3



#35

Methylcyclohexane

Concen: 23.853 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

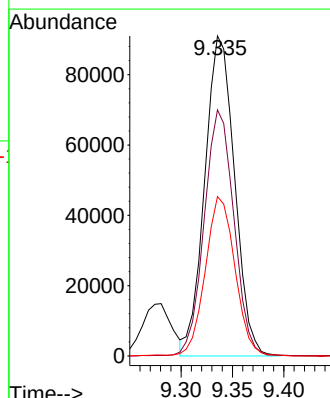
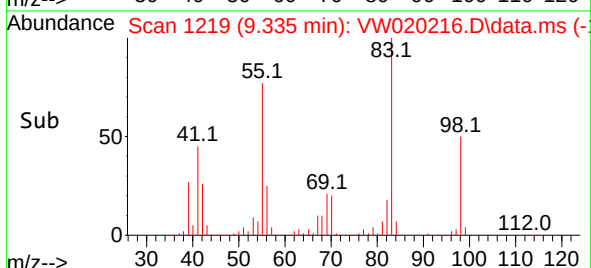
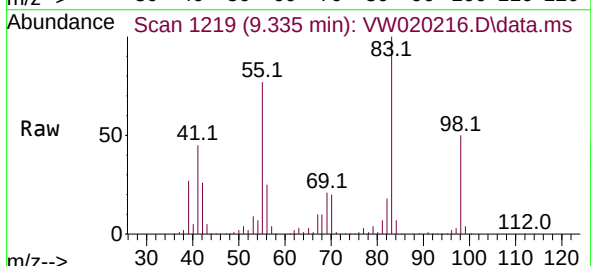
Tgt Ion: 83 Resp: 184085

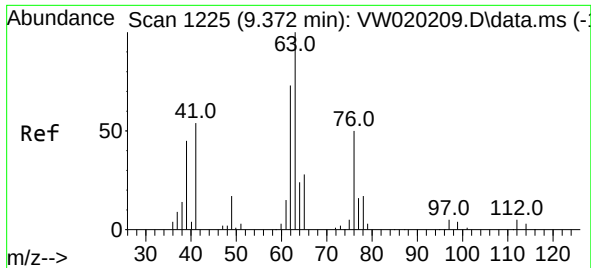
Ion Ratio Lower Upper

83 100

55 76.4 61.4 92.2

98 49.4 38.1 57.1

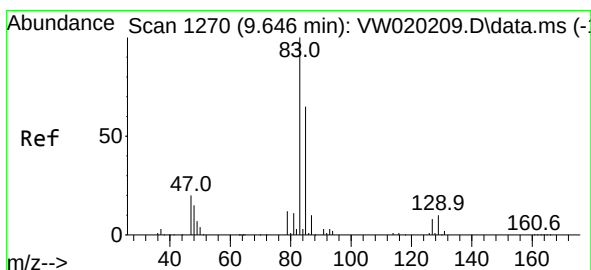
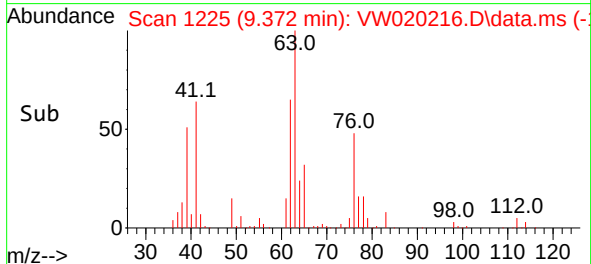
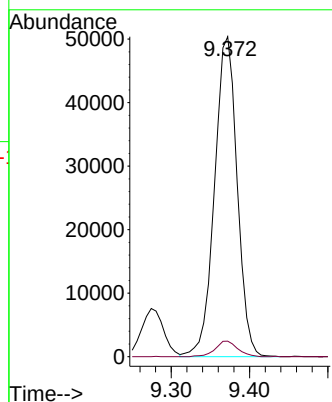
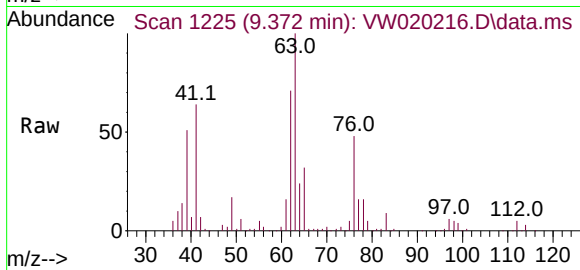




#37
1,2-Dichloropropane
Concen: 23.081 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

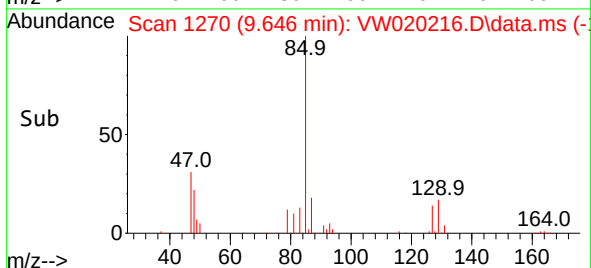
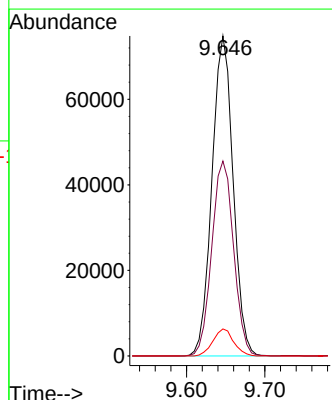
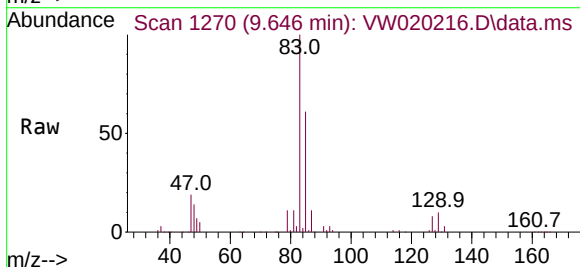
Instrument :
MSVOA_W
ClientSampled :

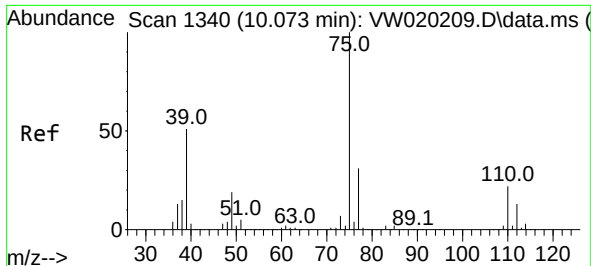
Tgt Ion: 63 Resp: 101149
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 23.649 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 83 Resp: 140345
Ion Ratio Lower Upper
83 100
85 60.9 44.4 82.5
127 8.4 6.5 9.7

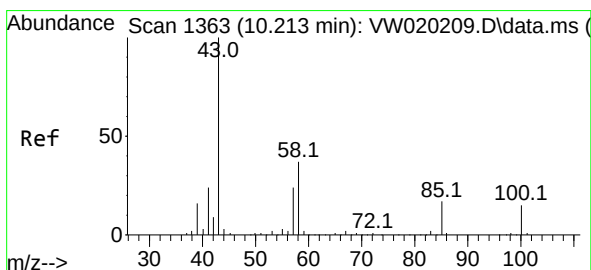
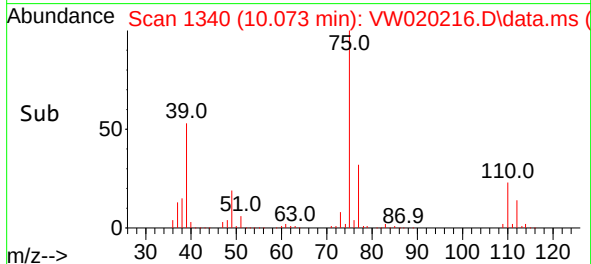
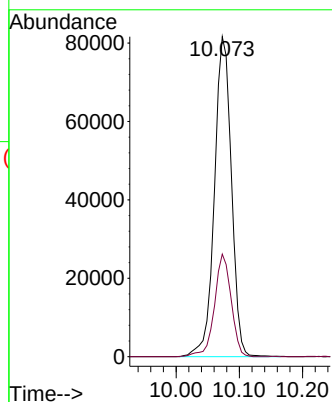
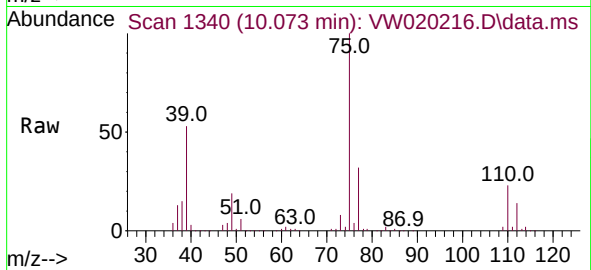




#39
 cis-1,3-Dichloropropene
 Concen: 23.514 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020216.D
 Acq: 28 Sep 2021 16:17

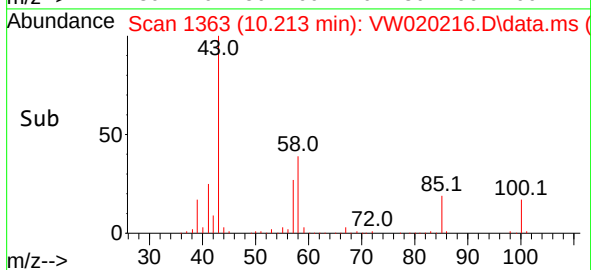
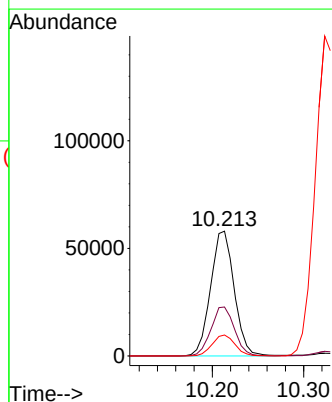
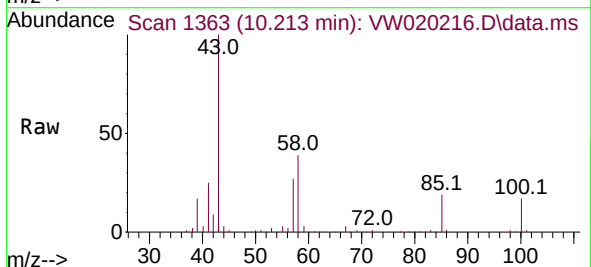
Instrument :
 MSVOA_W
 ClientSampleId :

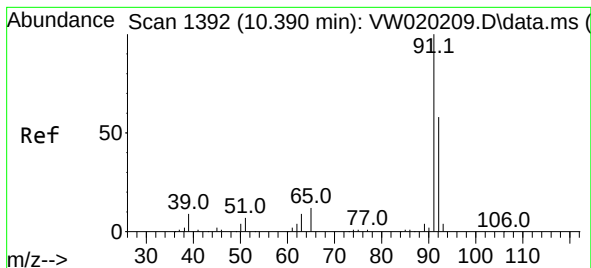
Tgt Ion: 75 Resp: 151988
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 47.246 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VW020216.D
 Acq: 28 Sep 2021 16:17

Tgt Ion: 43 Resp: 104278
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.3 46.9
 100 16.3 13.3 19.9





#42

Toluene

Concen: 24.581 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

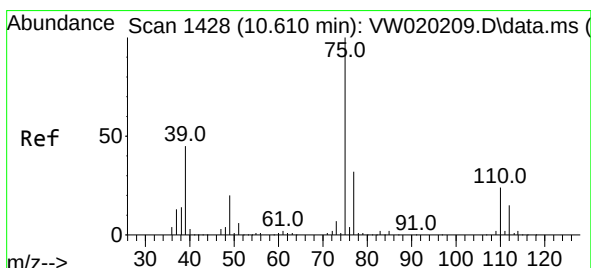
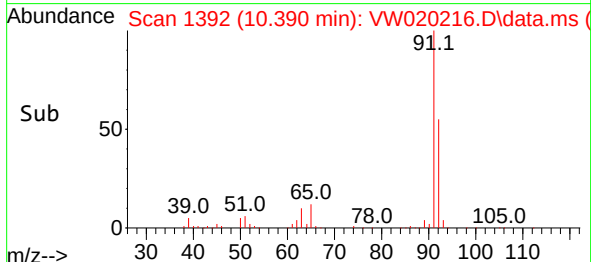
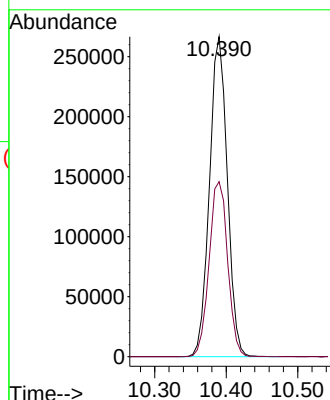
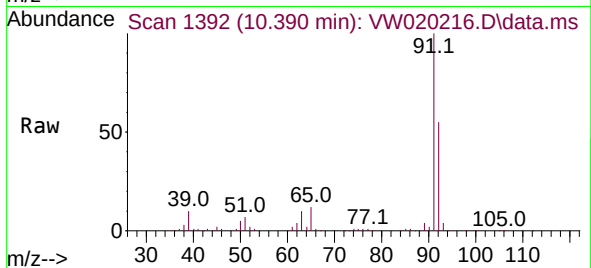
Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion: 91 Resp: 462058

Ion	Ratio	Lower	Upper
91	100		
92	54.7	42.2	78.4

Instrument :
MSVOA_W
ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 24.168 ug/L

RT: 10.610 min Scan# 1428

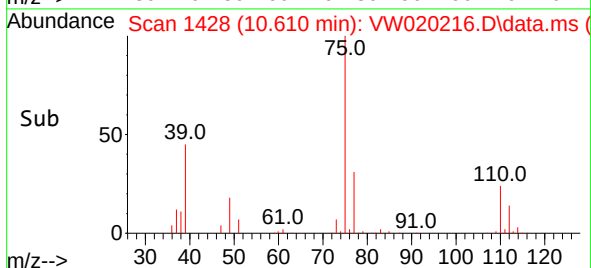
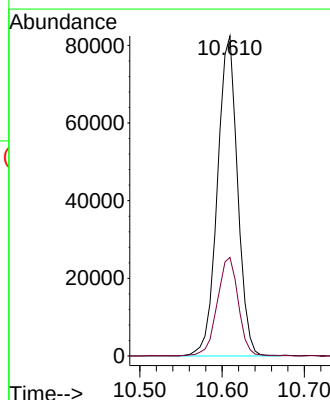
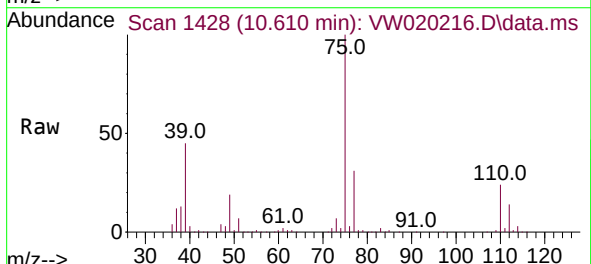
Delta R.T. -0.000 min

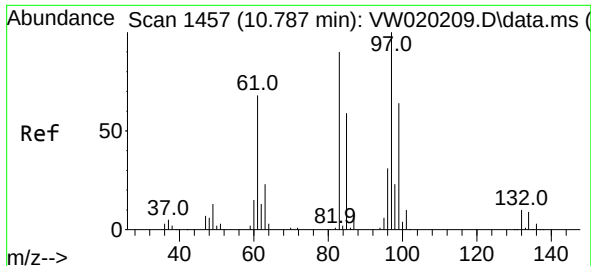
Lab File: VW020216.D

Acq: 28 Sep 2021 16:17

Tgt Ion: 75 Resp: 140321

Ion	Ratio	Lower	Upper
75	100		
77	30.8	22.0	40.8

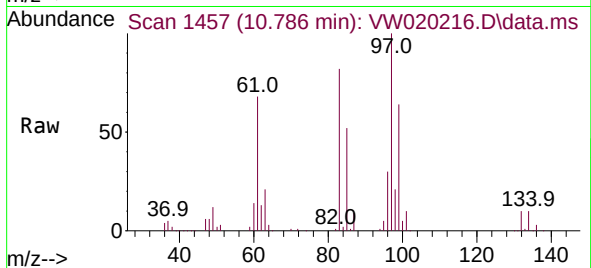




#45

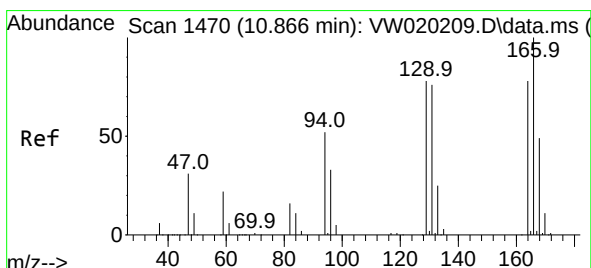
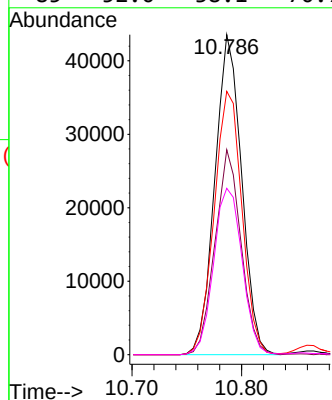
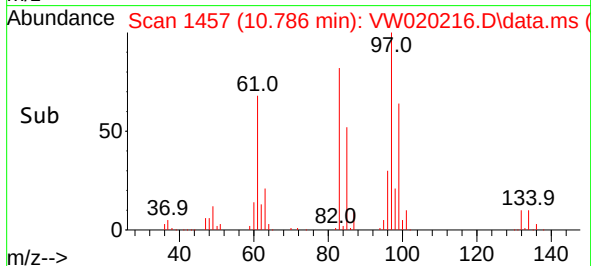
1,1,2-Trichloroethane
Concen: 23.025 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Instrument :
MSVOA_W
ClientSampled :



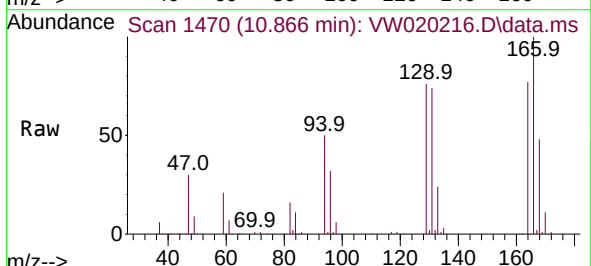
Tgt Ion: 97 Resp: 73988

Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.0	78.0
83	82.3	58.7	108.9
85	52.0	38.1	70.7



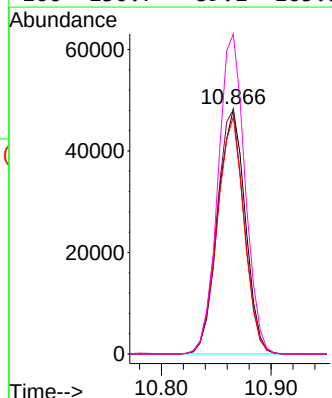
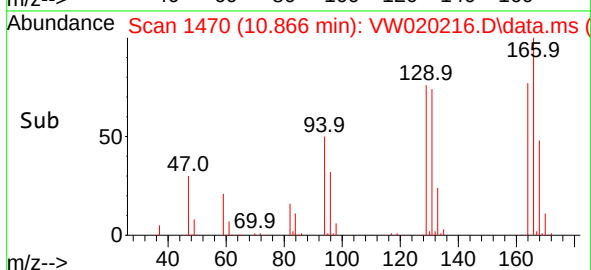
#46

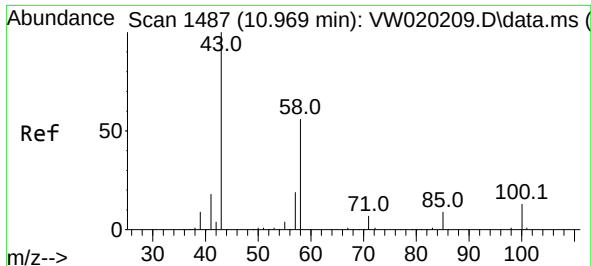
Tetrachloroethene
Concen: 22.813 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17



Tgt Ion: 164 Resp: 83518

Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.5	129.1
131	96.9	66.5	123.5
166	130.7	89.1	165.5

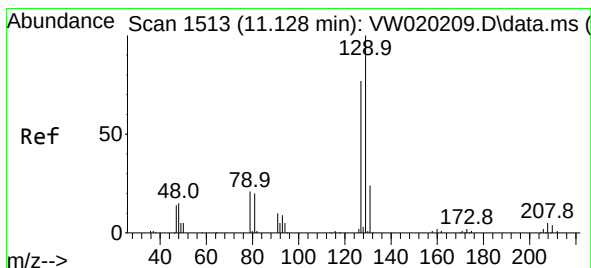
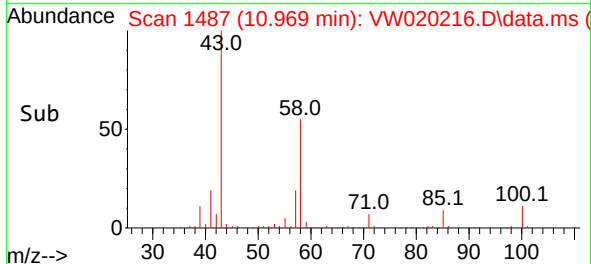
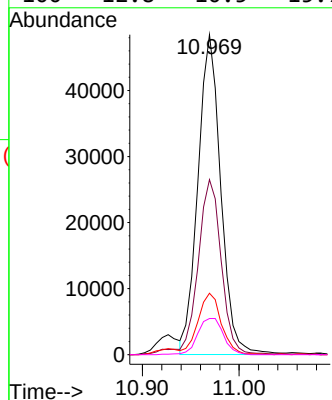
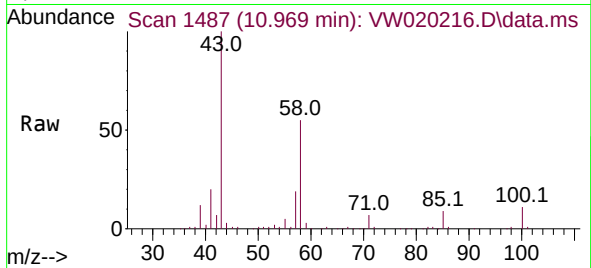




#48
2-Hexanone
Concen: 51.810 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

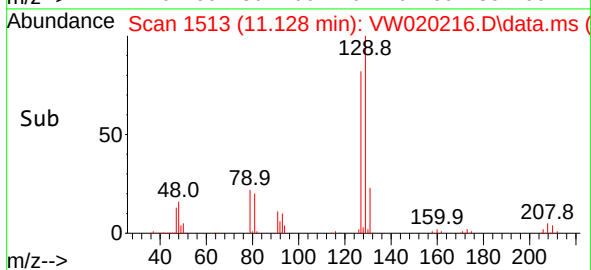
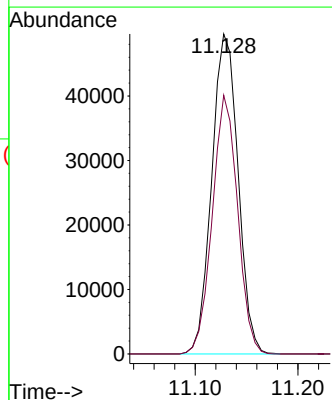
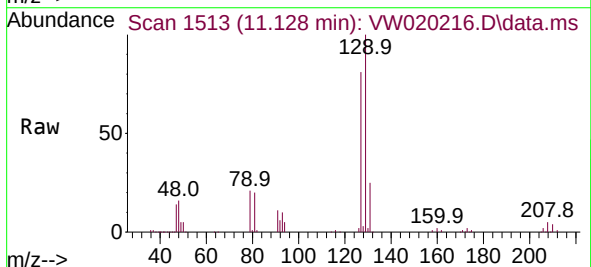
Instrument :
MSVOA_W
ClientSampled :

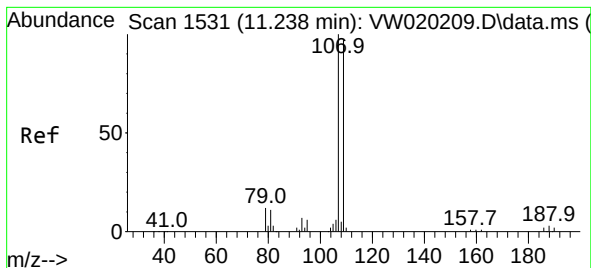
Tgt Ion:	43	Resp:	79656
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.6
57	19.0	15.6	23.4
100	12.8	10.5	15.7



#49
Dibromochloromethane
Concen: 23.541 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

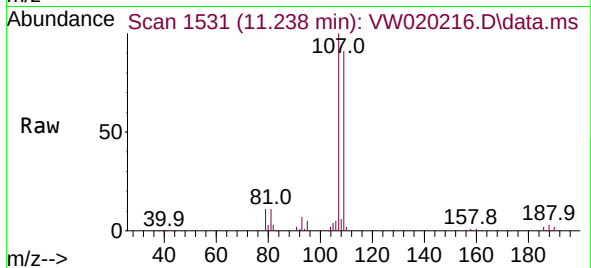
Tgt Ion:	129	Resp:	88393
Ion	Ratio	Lower	Upper
129	100		
127	80.8	57.0	105.8



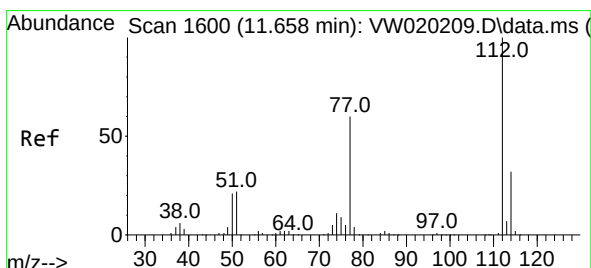
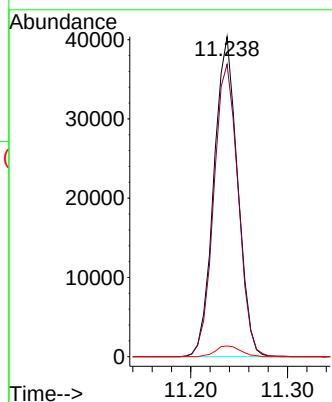
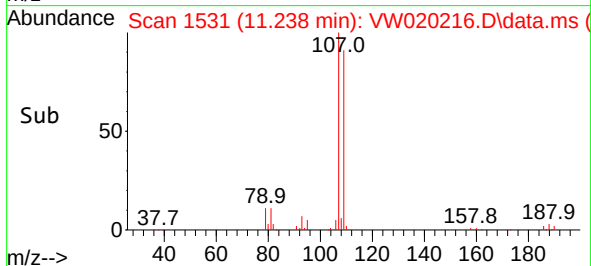


#50
1,2-Dibromoethane
Concen: 22.733 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

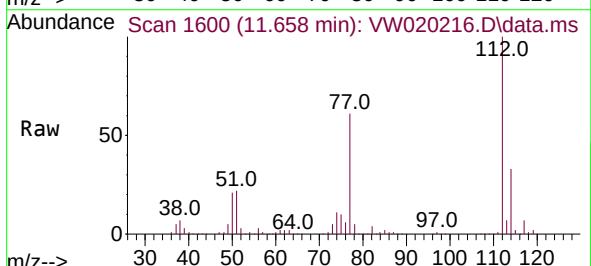
Instrument :
MSVOA_W
ClientSampled :



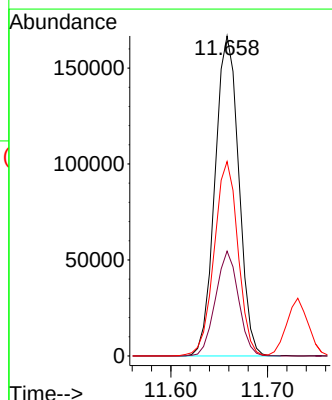
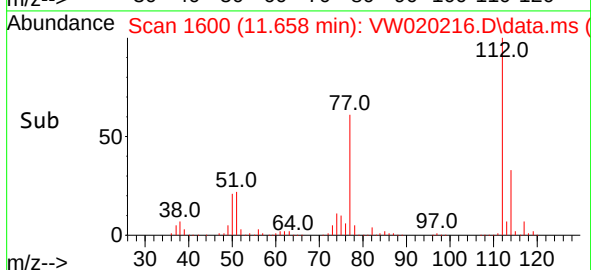
Tgt Ion:107 Resp: 68748
Ion Ratio Lower Upper
107 100
109 91.4 64.1 119.1
188 3.4 3.0 4.4

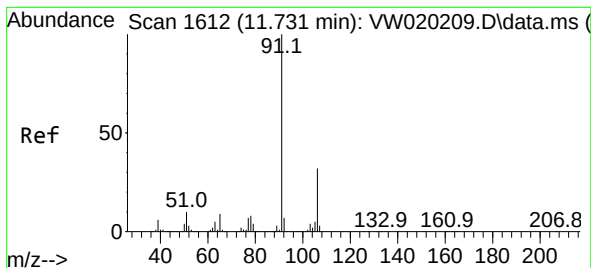


#51
Chlorobenzene
Concen: 23.258 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17



Tgt Ion:112 Resp: 284341
Ion Ratio Lower Upper
112 100
114 32.8 21.9 40.7
77 60.8 48.0 72.0

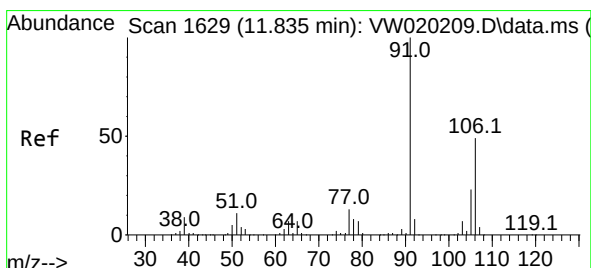
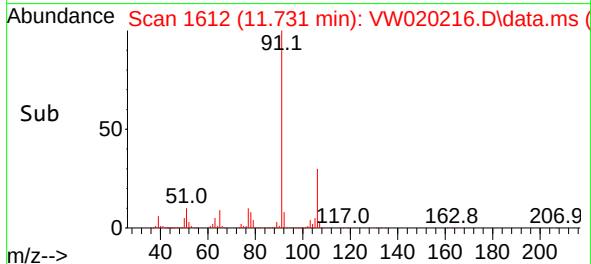
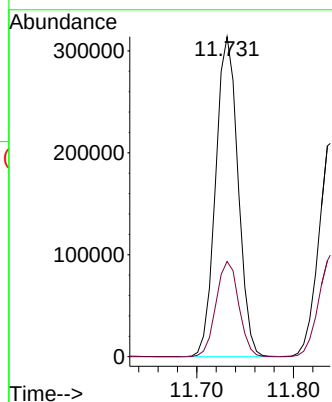
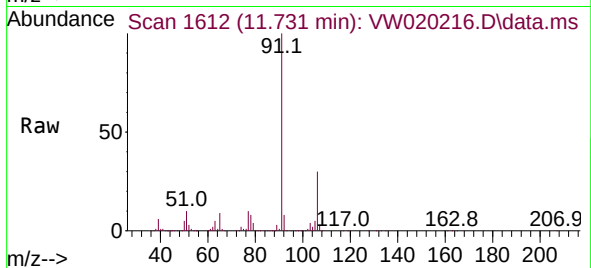




#52
Ethylbenzene
Concen: 24.391 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

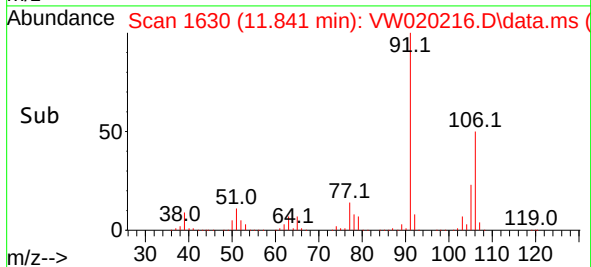
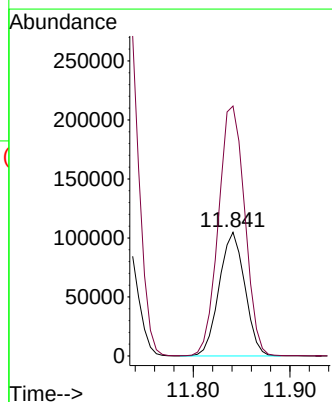
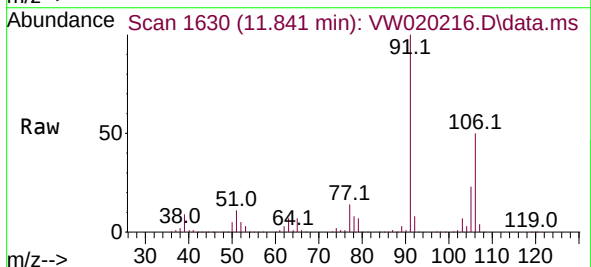
Instrument :
MSVOA_W
ClientSampled :

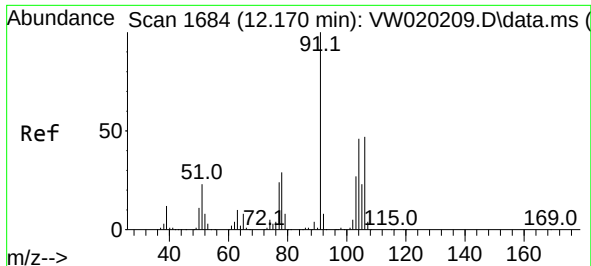
Tgt Ion: 91 Resp: 504984
Ion Ratio Lower Upper
91 100
106 29.7 22.0 40.8



#53
m,p-Xylene
Concen: 24.451 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:106 Resp: 192995
Ion Ratio Lower Upper
106 100
91 201.9 146.4 271.8

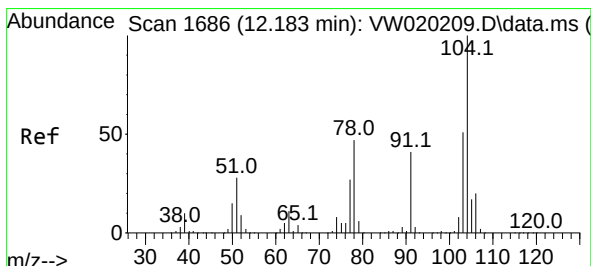
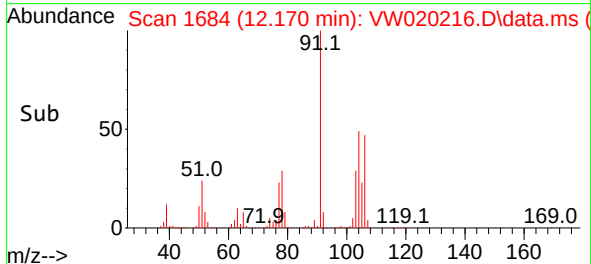
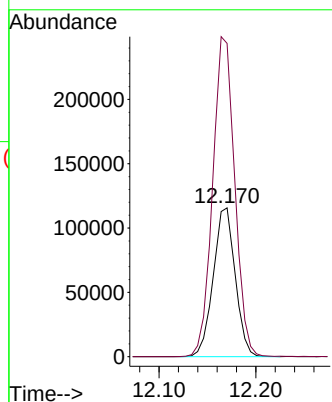
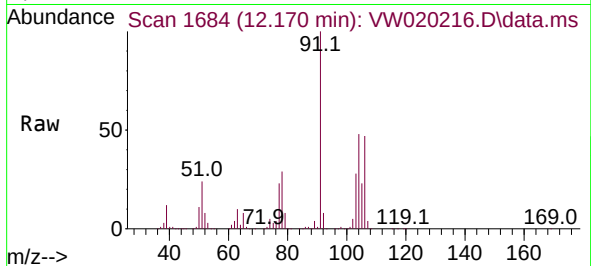




#54
o-Xylene
Concen: 24.980 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

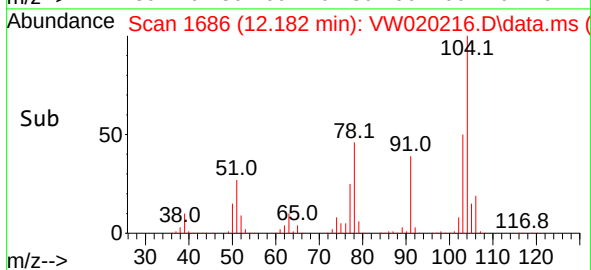
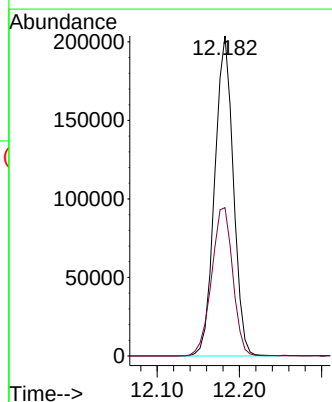
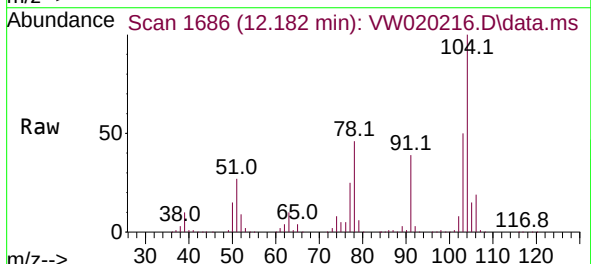
Instrument :
MSVOA_W
ClientSampled :

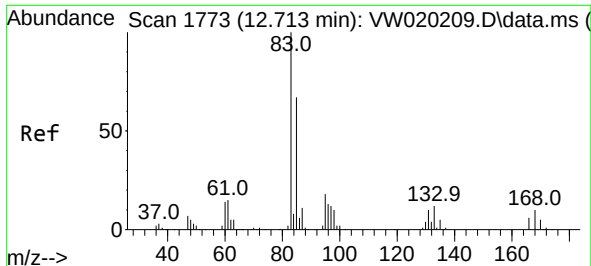
Tgt Ion:106 Resp: 182392
Ion Ratio Lower Upper
106 100
91 210.6 154.3 286.7



#55
Styrene
Concen: 25.183 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:104 Resp: 319503
Ion Ratio Lower Upper
104 100
78 46.4 32.7 60.7

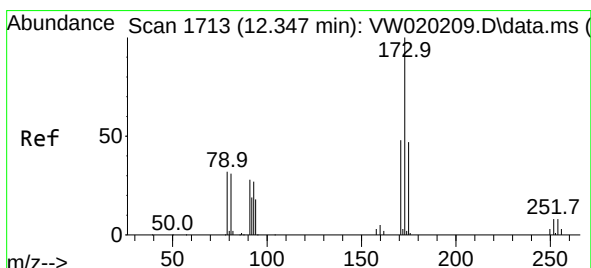
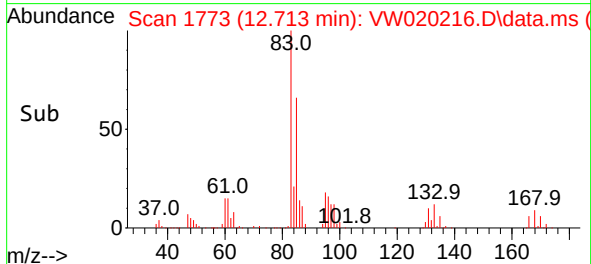
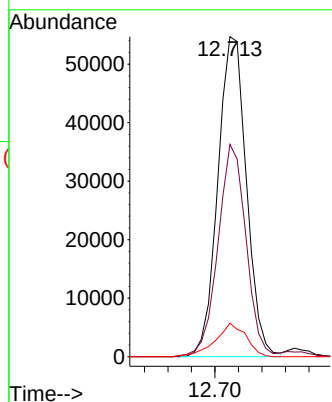
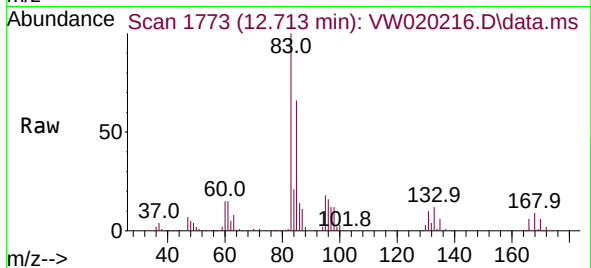




#57
1,1,2,2-Tetrachloroethane
Concen: 24.102 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

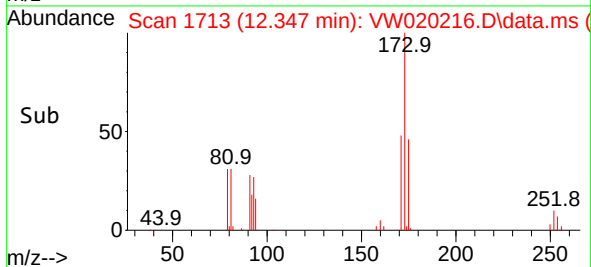
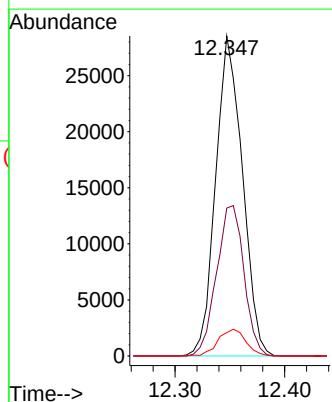
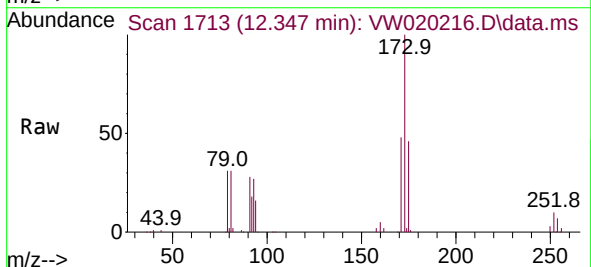
Instrument :
MSVOA_W
ClientSampled :

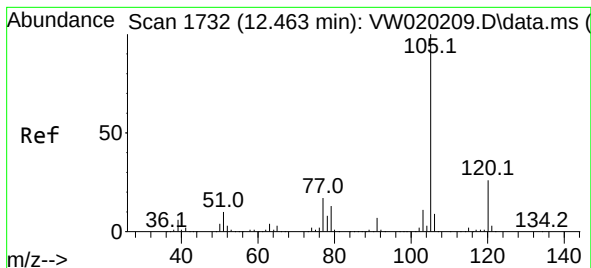
Tgt Ion: 83 Resp: 92505
Ion Ratio Lower Upper
83 100
85 66.4 43.3 80.5
131 10.5 7.9 11.9



#59
Bromoform
Concen: 22.102 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:173 Resp: 48347
Ion Ratio Lower Upper
173 100
175 48.2 39.2 58.8
254 8.7 6.6 10.0

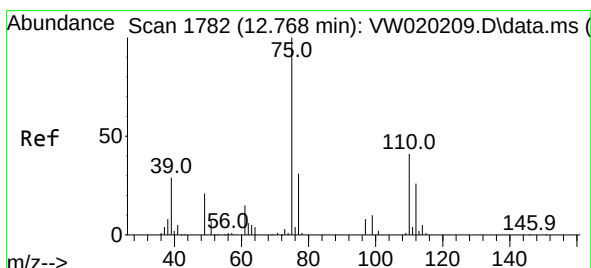
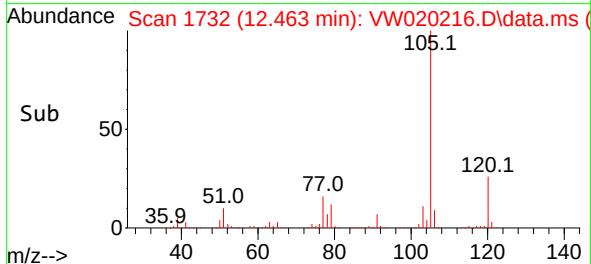
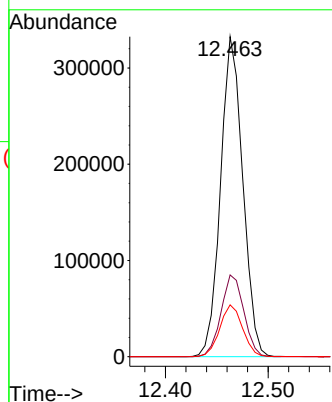
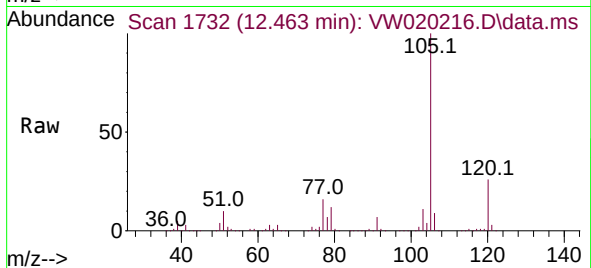




#60
Isopropylbenzene
Concen: 23.207 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

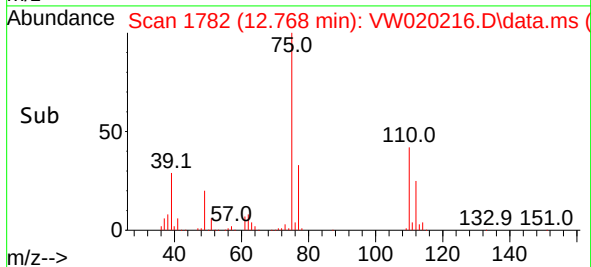
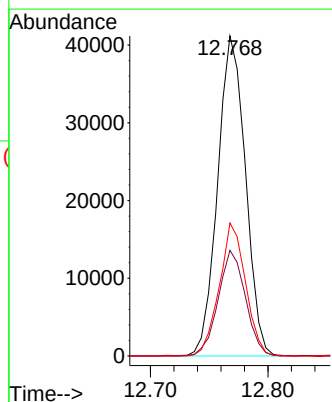
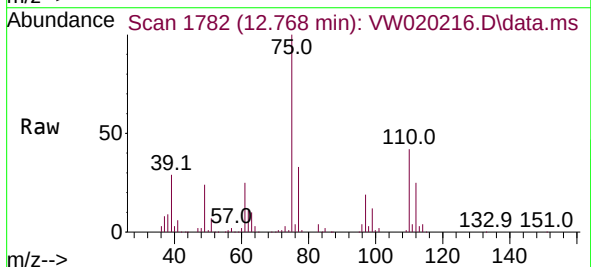
Instrument :
MSVOA_W
ClientSampled :

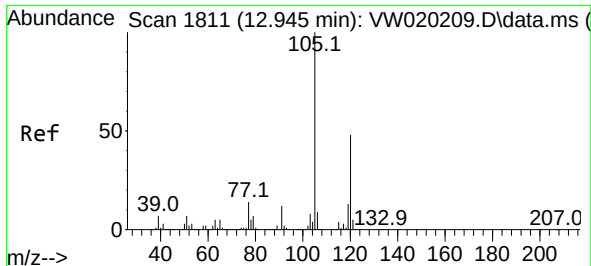
Tgt Ion:105 Resp: 499236
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.327 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion: 75 Resp: 67640
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 39.2 30.2 45.2

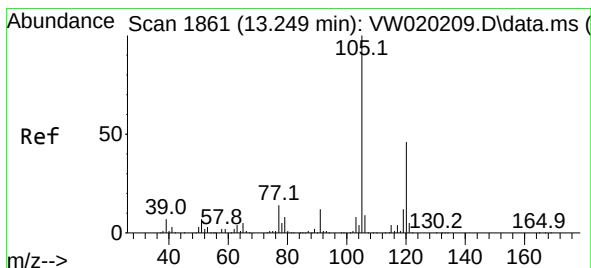
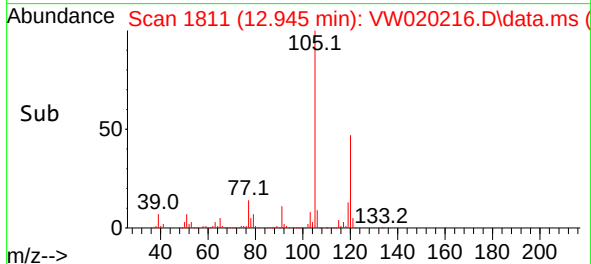
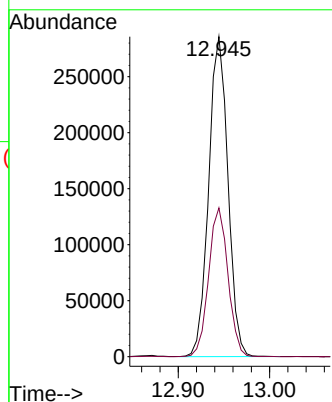
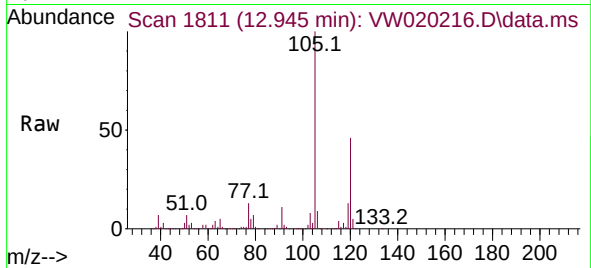




#62
1,3,5-Trimethylbenzene
Concen: 23.623 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

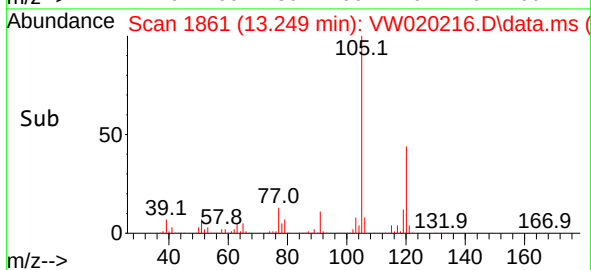
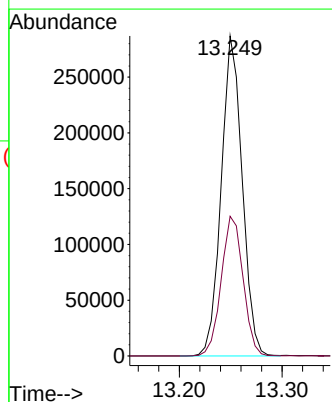
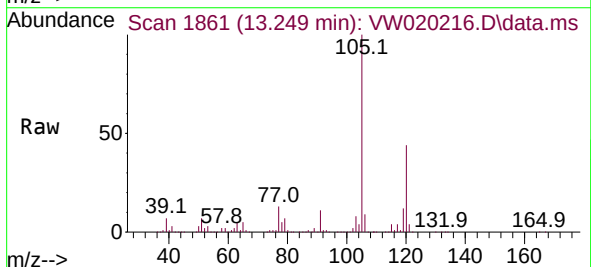
Instrument :
MSVOA_W
ClientSampled :

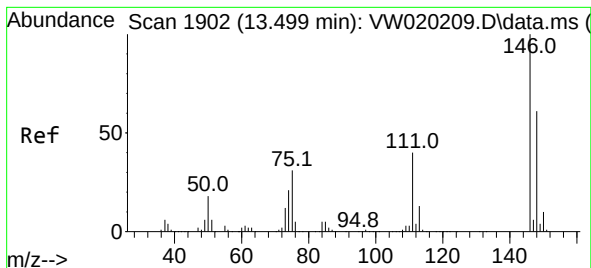
Tgt Ion:105 Resp: 417067
Ion Ratio Lower Upper
105 100
120 46.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 23.461 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:105 Resp: 406885
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4

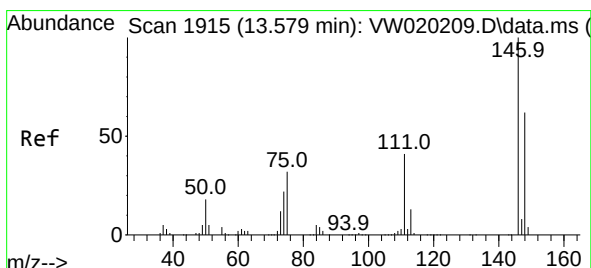
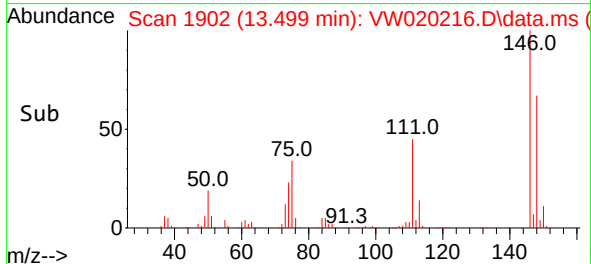
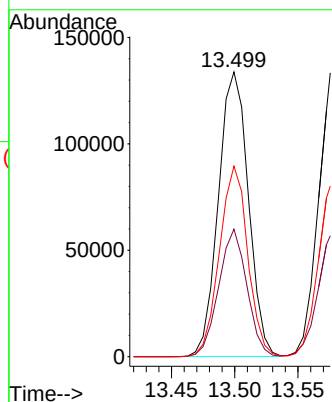
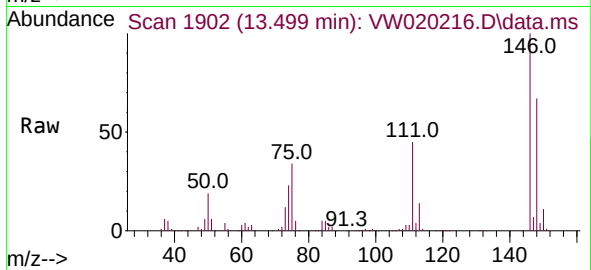




#64
1,3-Dichlorobenzene
Concen: 22.304 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

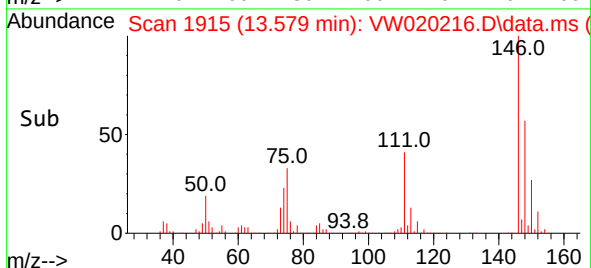
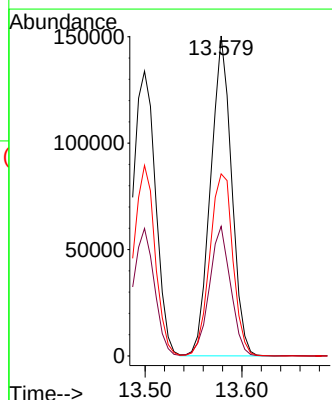
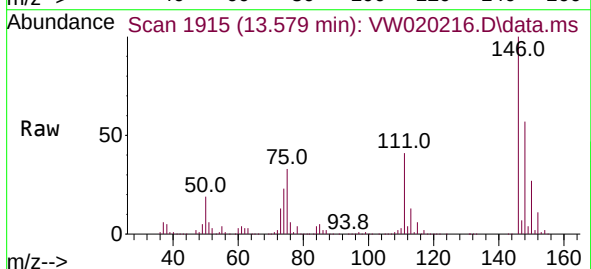
Instrument :
MSVOA_W
ClientSampled :

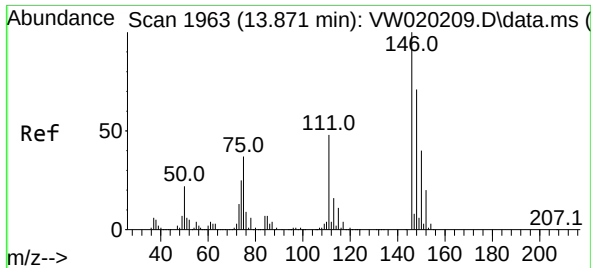
Tgt Ion:146 Resp: 220044
Ion Ratio Lower Upper
146 100
111 44.8 28.3 52.5
148 66.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 22.257 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:146 Resp: 226919
Ion Ratio Lower Upper
146 100
111 40.5 29.6 55.0
148 56.9 45.3 84.1

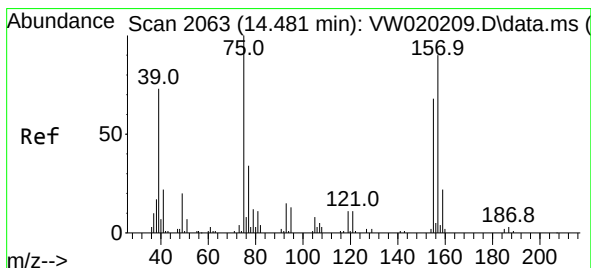
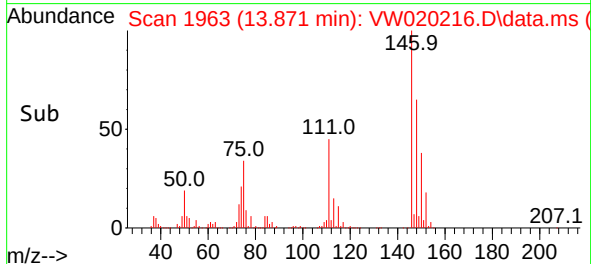
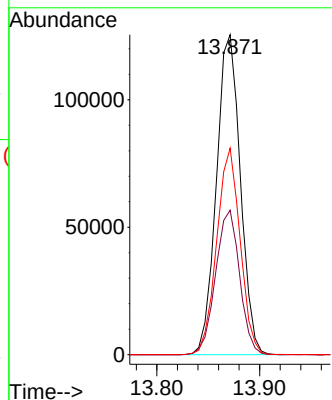
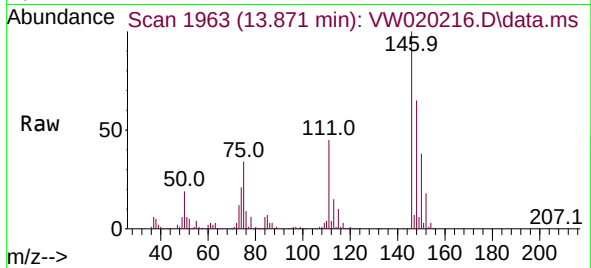




#67
1,2-Dichlorobenzene
Concen: 22.574 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

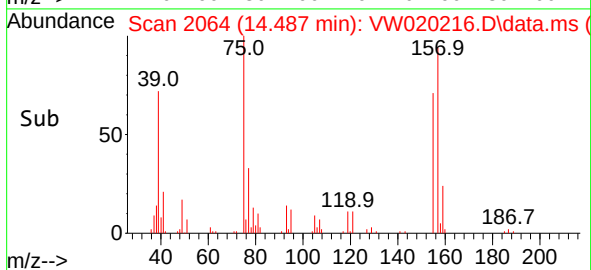
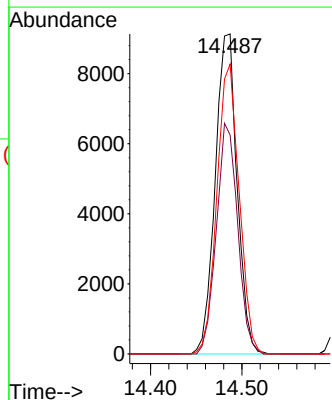
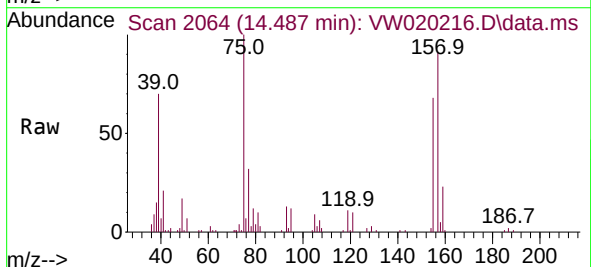
Instrument :
MSVOA_W
ClientSampled :

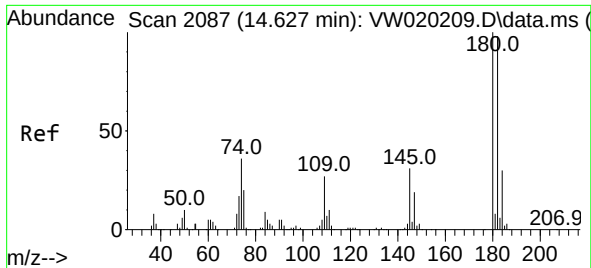
Tgt Ion:146 Resp: 202829
Ion Ratio Lower Upper
146 100
111 45.2 34.7 52.1
148 64.5 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 22.371 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

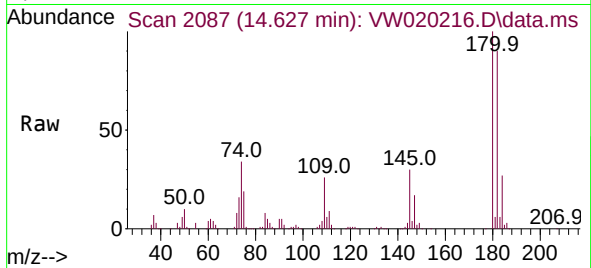
Tgt Ion: 75 Resp: 15214
Ion Ratio Lower Upper
75 100
155 68.4 58.5 87.7
157 90.6 77.4 116.0



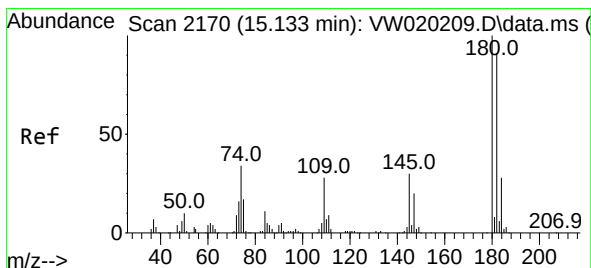
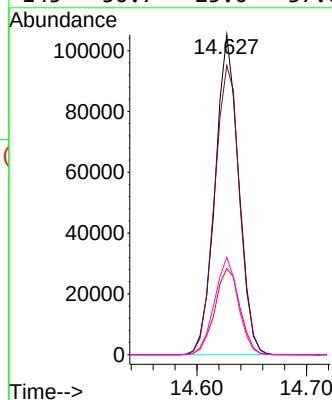
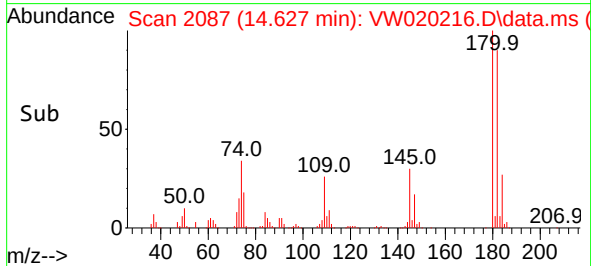


#69
1,3,5-Trichlorobenzene
Concen: 22.941 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

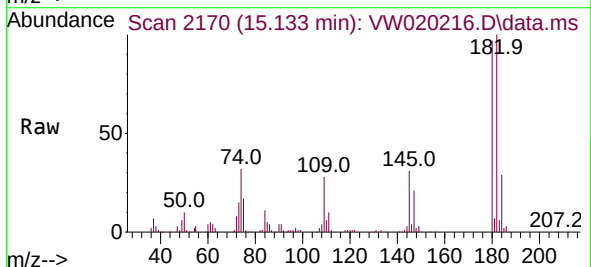
Instrument :
MSVOA_W
ClientSampleId :



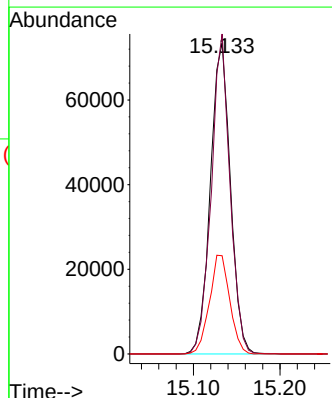
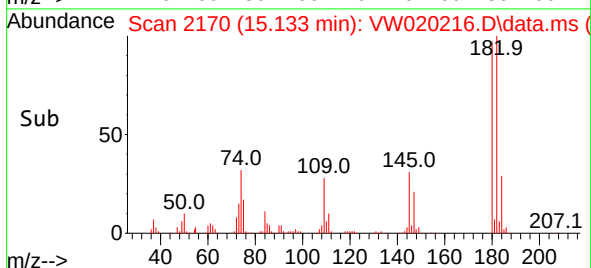
Tgt Ion:180 Resp: 156543
Ion Ratio Lower Upper
180 100
182 96.4 75.2 112.8
184 28.9 24.3 36.5
145 30.7 25.0 37.6

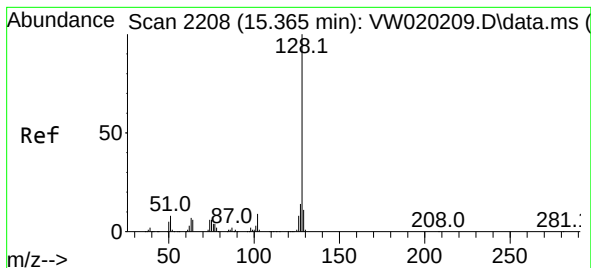


#70
1,2,4-trichlorobenzene
Concen: 22.437 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17



Tgt Ion:180 Resp: 118158
Ion Ratio Lower Upper
180 100
182 96.1 70.6 106.0
145 32.1 25.7 38.5

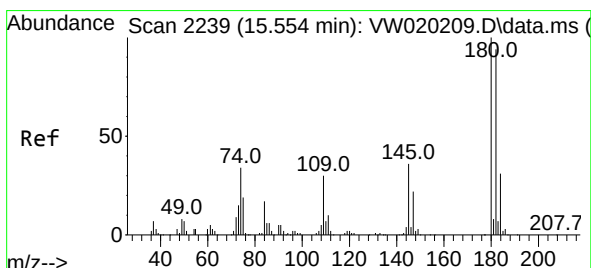
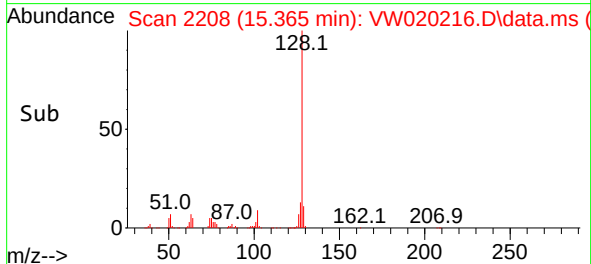
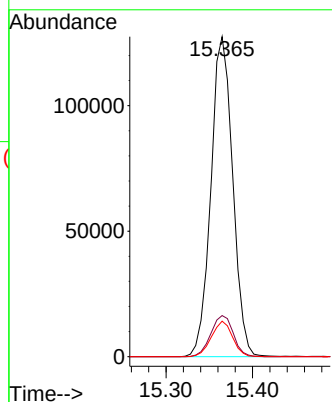
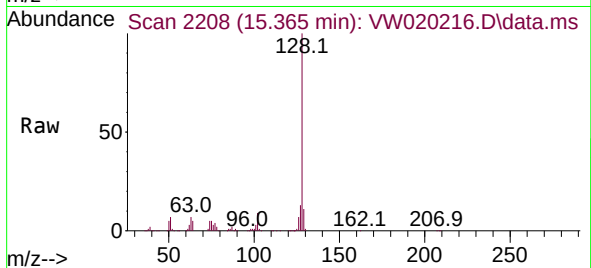




#71
Naphthalene
Concen: 24.043 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 223312
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.428 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020216.D
Acq: 28 Sep 2021 16:17

Tgt Ion:180 Resp: 115834
Ion Ratio Lower Upper
180 100
182 91.3 75.7 113.5
145 32.9 28.2 42.4

