

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019791.D
 Acq On : 18 Aug 2021 22:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 05:19:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	325910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	310220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161688	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132851	26.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.240%
7) Chloroethane-d5	2.898	69	124878	28.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
11) 1,1-Dichloroethene-d2	4.032	63	195758	22.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.360%
21) 2-Butanone-d5	7.092	46	42302	41.242	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.480%
24) Chloroform-d	7.653	84	221979	24.766	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	8.311	65	118061	24.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.760%
32) Benzene-d6	8.281	84	436492	24.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	9.275	67	128255	23.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	395052	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.579	79	52164	23.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.927	63	30407	40.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	101567	23.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	129885	23.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	74700	23.388	ug/L	98
3) Chloromethane	2.221	50	105199	26.467	ug/L	99
5) Vinyl chloride	2.373	62	146712	24.889	ug/L	96
6) Bromomethane	2.788	94	111897	25.581	ug/L	99
8) Chloroethane	2.934	64	103797	26.861	ug/L	94
9) Trichlorofluoromethane	3.270	101	75603	19.940	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100694	22.375	ug/L #	71
12) 1,1-Dichloroethene	4.050	96	99744	22.601	ug/L	95
13) Acetone	4.154	43	31163	35.591	ug/L	90
14) Carbon disulfide	4.391	76	336707	23.853	ug/L	98
15) Methyl Acetate	4.678	43	40343	22.135	ug/L	99
16) Methylene chloride	4.928	84	119678	21.396	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	110903	23.921	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	124263	23.285	ug/L	97
19) 1,1-Dichloroethane	6.220	63	202847	24.683	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	115084	24.524	ug/L	99
22) 2-Butanone	7.183	43	49158	43.325	ug/L	98
23) Bromochloromethane	7.519	128	53805	25.620	ug/L	96
25) Chloroform	7.677	83	210845	24.799	ug/L	98

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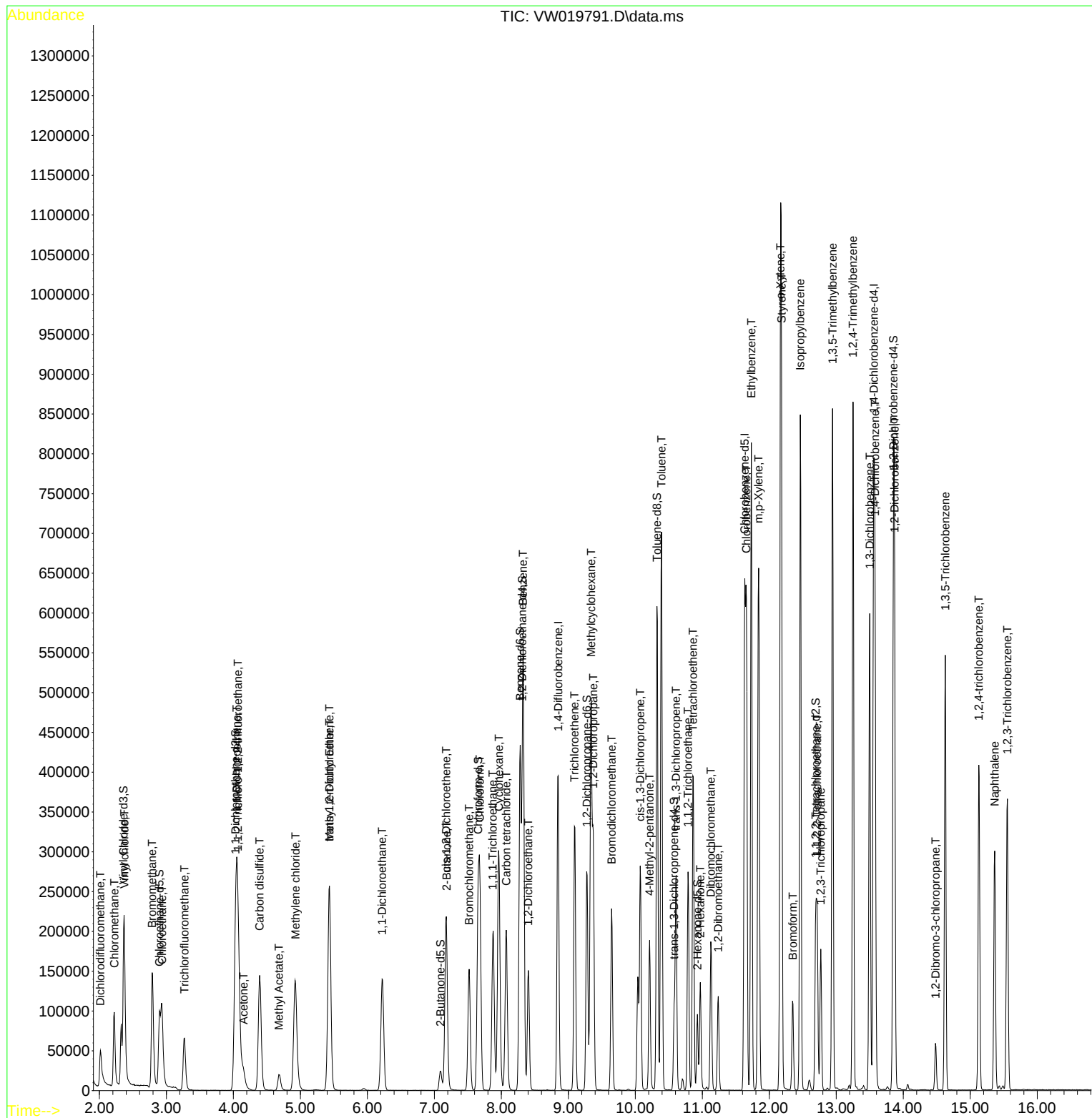
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136551	24.620	ug/L	98
29) Cyclohexane	7.964	56	163032	22.379	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	161585	23.306	ug/L	100
31) Carbon tetrachloride	8.074	117	151278	23.406	ug/L	98
33) Benzene	8.324	78	467926	24.576	ug/L	100
34) Trichloroethene	9.092	95	116650	23.567	ug/L	94
35) Methylcyclohexane	9.342	83	192860	22.717	ug/L	98
37) 1,2-Dichloropropane	9.372	63	117124	24.838	ug/L	99
38) Bromodichloromethane	9.646	83	148895	24.374	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	164380	23.673	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	115743	46.160	ug/L	98
42) Toluene	10.390	91	510469	25.310	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	143347	23.453	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	82389	24.134	ug/L	96
46) Tetrachloroethene	10.860	164	87259	23.273	ug/L	94
48) 2-Hexanone	10.969	43	79722	45.674	ug/L	96
49) Dibromochloromethane	11.128	129	94156	24.111	ug/L	92
50) 1,2-Dibromoethane	11.238	107	77485	24.166	ug/L	98
51) Chlorobenzene	11.658	112	309702	24.177	ug/L	98
52) Ethylbenzene	11.731	91	537340	24.746	ug/L	98
53) m,p-Xylene	11.841	106	204911	24.574	ug/L	93
54) o-Xylene	12.164	106	194209	24.622	ug/L	93
55) Styrene	12.183	104	330392	24.514	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	99239	23.705	ug/L	99
59) Bromoform	12.353	173	48483	22.584	ug/L	94
60) Isopropylbenzene	12.463	105	511415	23.344	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	71117	22.433	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	430105	24.597	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	438008	24.712	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	228644	23.409	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	229093	22.818	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	213836	24.108	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15049	21.776	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	158871	23.606	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125123	24.195	ug/L	96
71) Naphthalene	15.365	128	252421	24.473	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	116549	24.338	ug/L	98

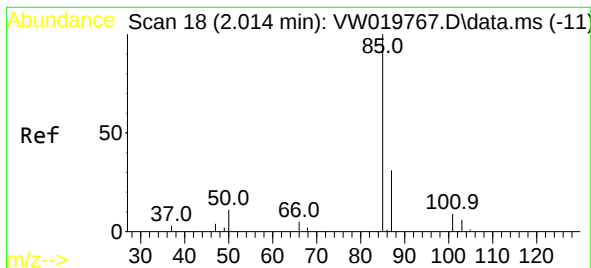
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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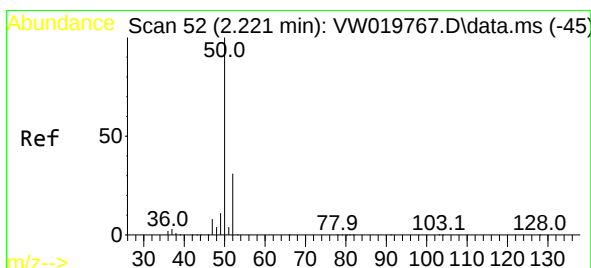
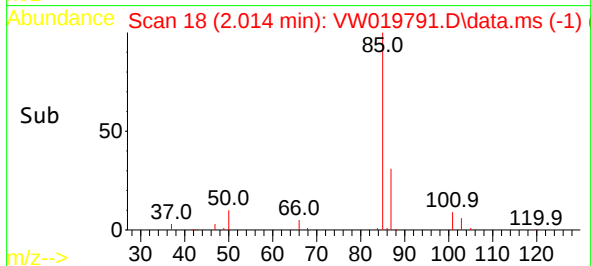
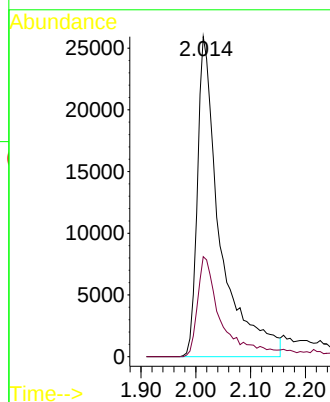
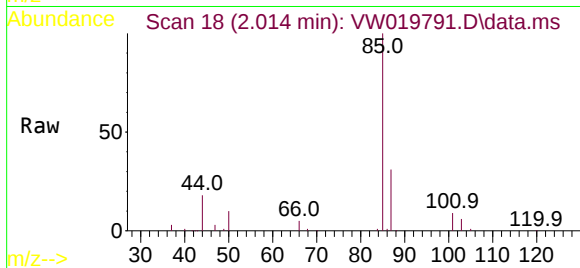




#2
Dichlorodifluoromethane
Concen: 23.388 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

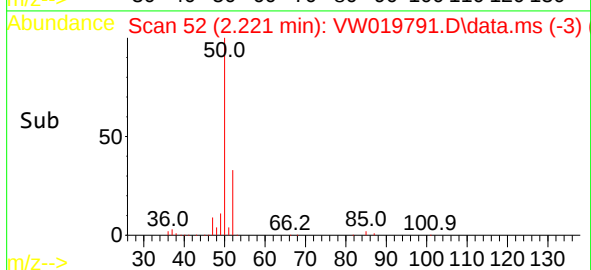
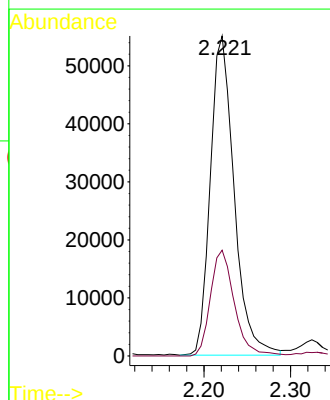
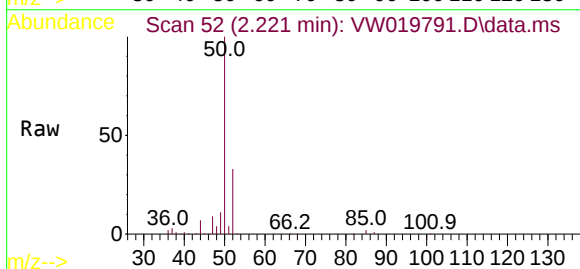
Instrument :
MSVOA_W
ClientSampled :

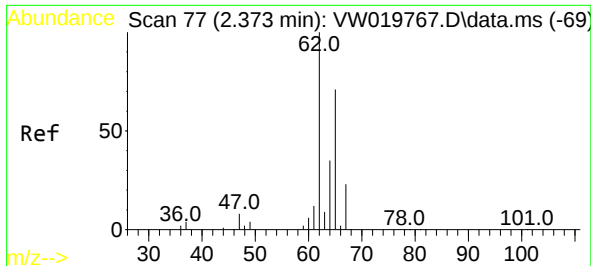
Tgt Ion: 85 Resp: 74700
Ion Ratio Lower Upper
85 100
87 27.9 23.3 34.9



#3
Chloromethane
Concen: 26.467 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 50 Resp: 105199
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

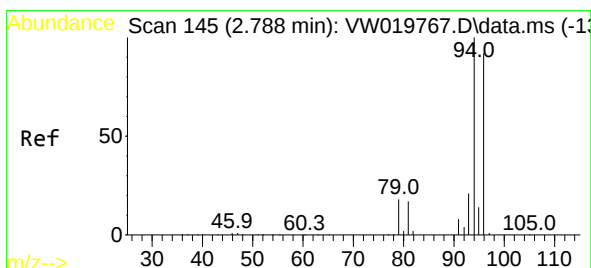
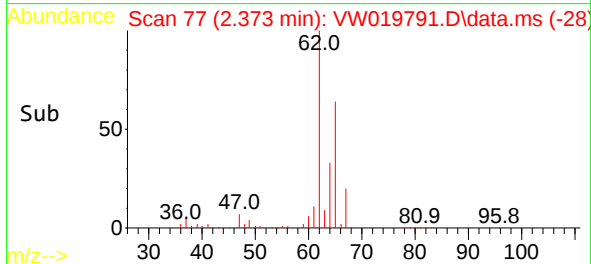
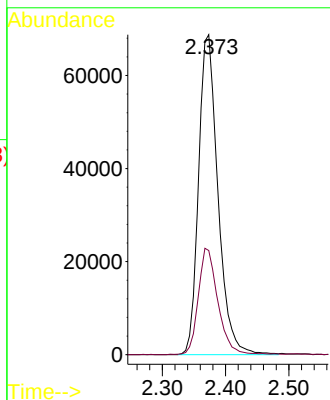
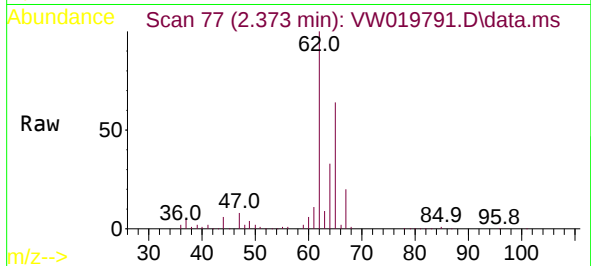




#5
 Vinyl chloride
 Concen: 24.889 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019791.D
 Acq: 18 Aug 2021 22:28

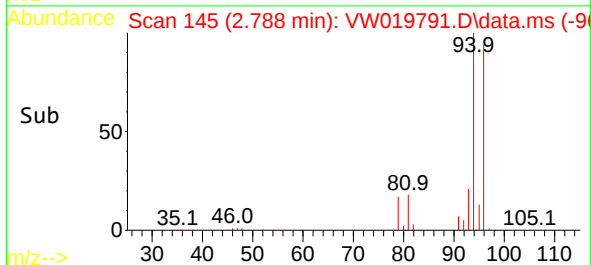
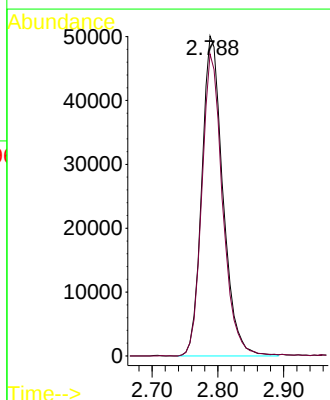
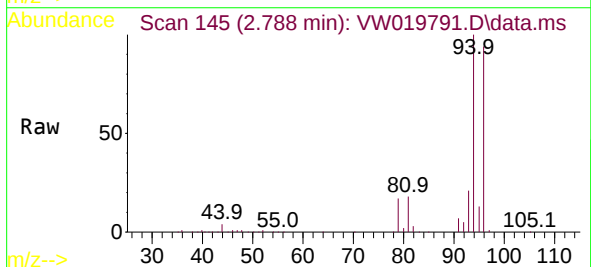
Instrument :
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 ClientSampled :

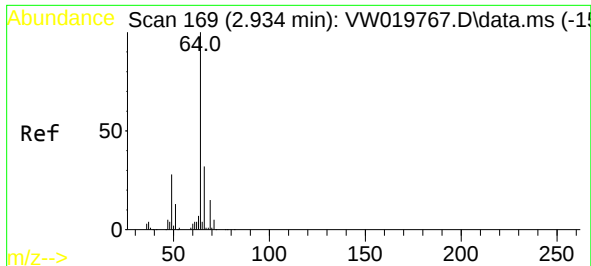
Tgt Ion: 62 Resp: 146712
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 45.0



#6
 Bromomethane
 Concen: 25.581 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019791.D
 Acq: 18 Aug 2021 22:28

Tgt Ion: 94 Resp: 111897
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.3 121.3

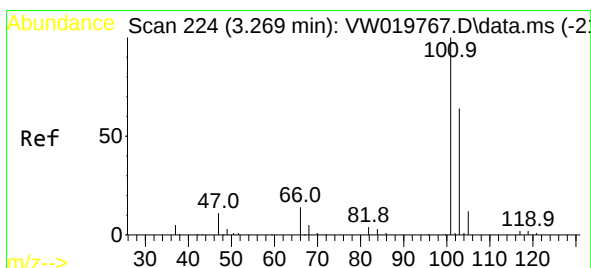
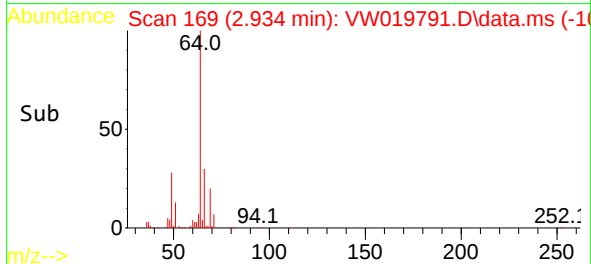
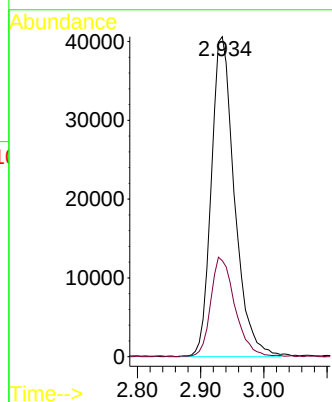
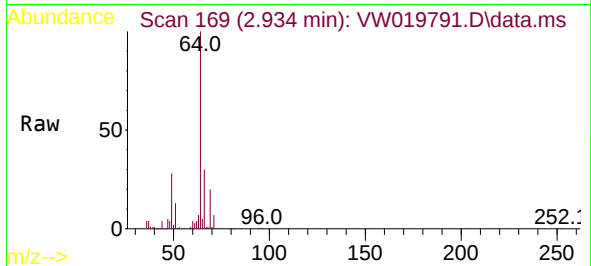




#8
Chloroethane
Concen: 26.861 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

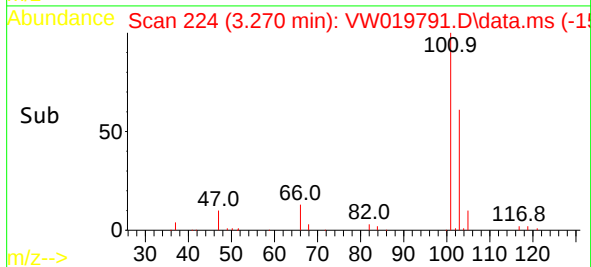
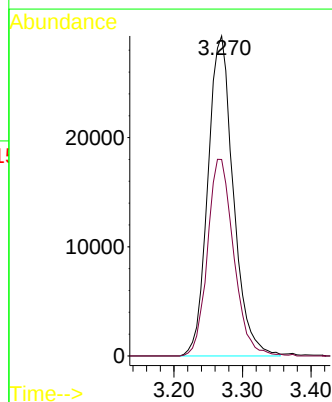
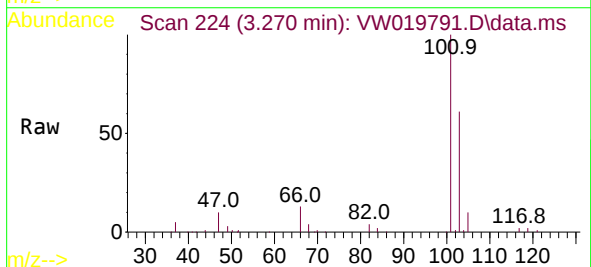
Instrument :
MSVOA_W
ClientSampled :

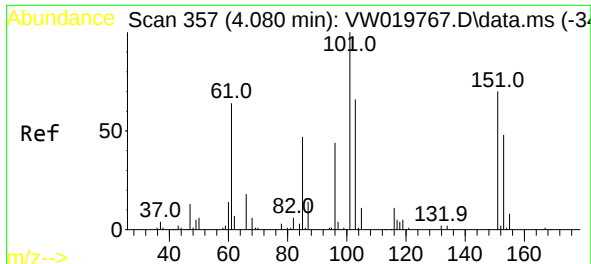
Tgt Ion: 64 Resp: 103797
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.940 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 101 Resp: 75603
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4

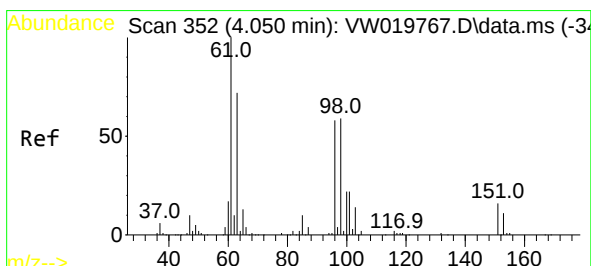
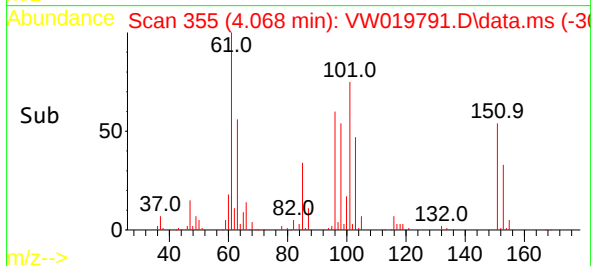
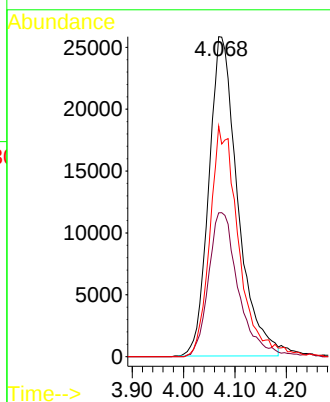
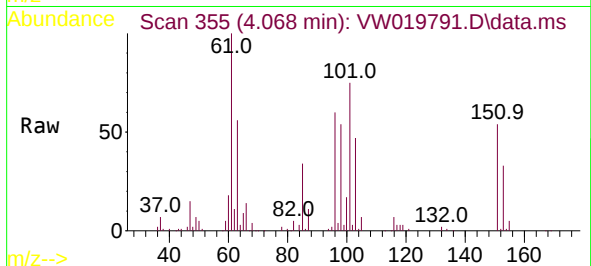




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.375 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.012 min
 Lab File: VW019791.D
 Acq: 18 Aug 2021 22:28

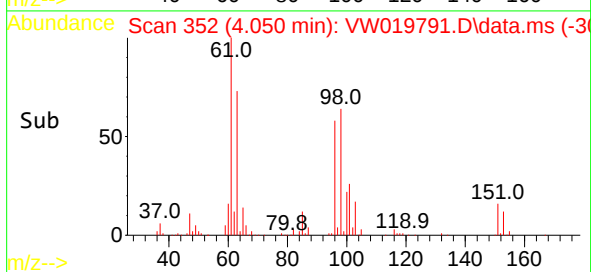
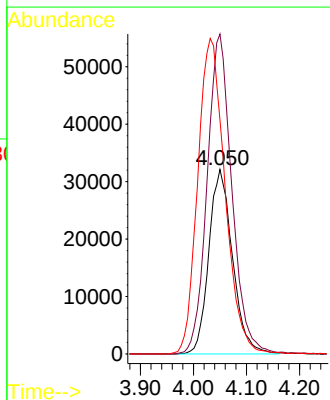
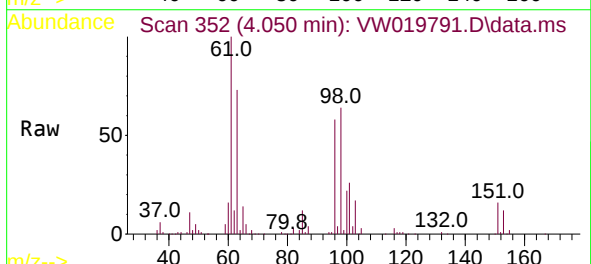
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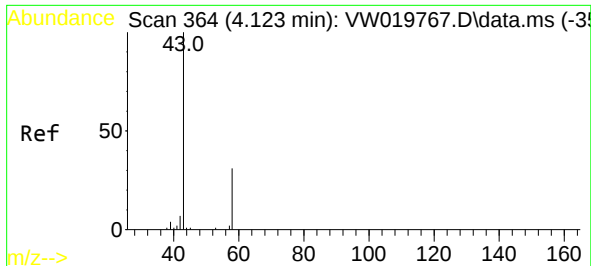
Tgt Ion:101 Resp: 100694
 Ion Ratio Lower Upper
 101 100
 85 45.6 38.2 57.2
 151 32.2 56.6 85.0#



#12
 1,1-Dichloroethene
 Concen: 22.601 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW019791.D
 Acq: 18 Aug 2021 22:28

Tgt Ion: 96 Resp: 99744
 Ion Ratio Lower Upper
 96 100
 61 173.4 118.1 219.3
 63 126.8 83.7 155.5

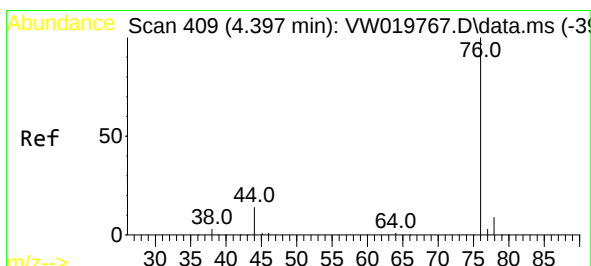
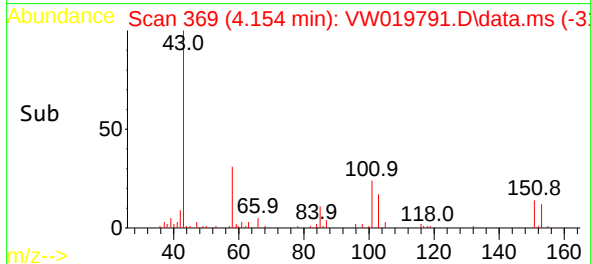
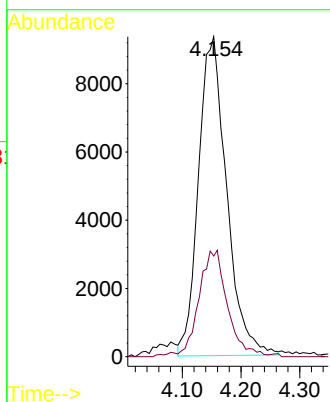
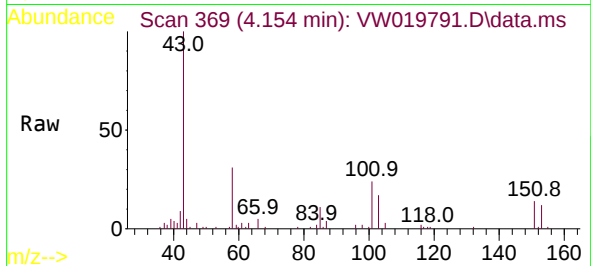




#13
Acetone
Concen: 35.591 ug/L
RT: 4.154 min Scan# 369
Delta R.T. 0.031 min
Lab File: VW019791.D
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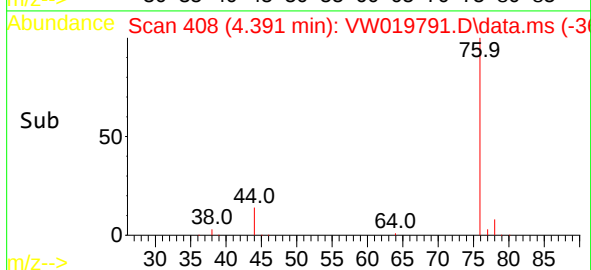
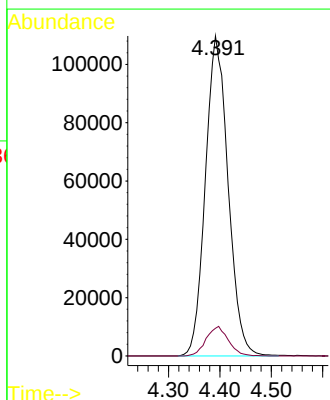
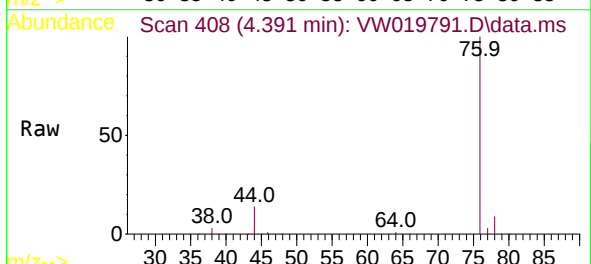
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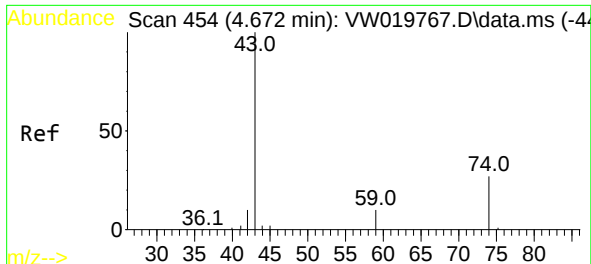
Tgt Ion: 43 Resp: 31163
Ion Ratio Lower Upper
43 100
58 32.3 0.0 53.8



#14
Carbon disulfide
Concen: 23.853 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 336707
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

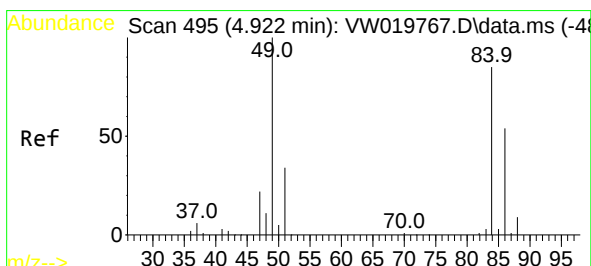
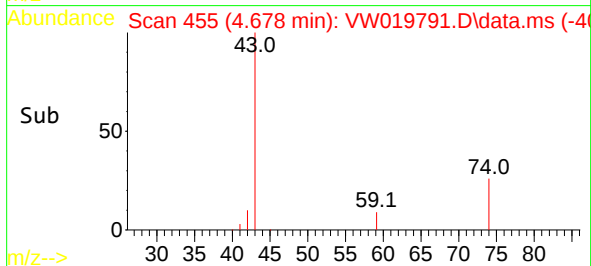
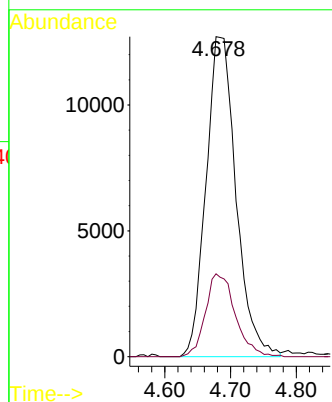
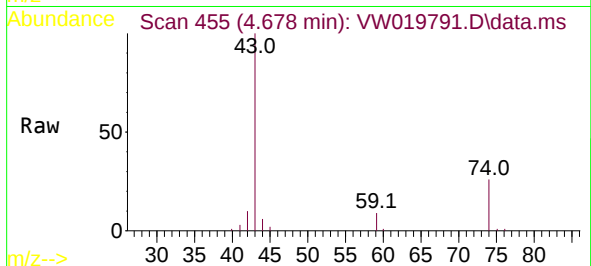




#15
Methyl Acetate
Concen: 22.135 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

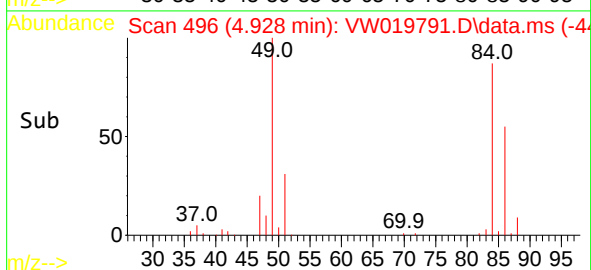
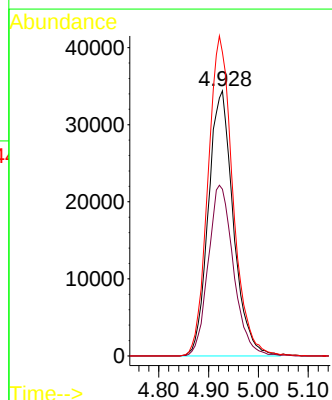
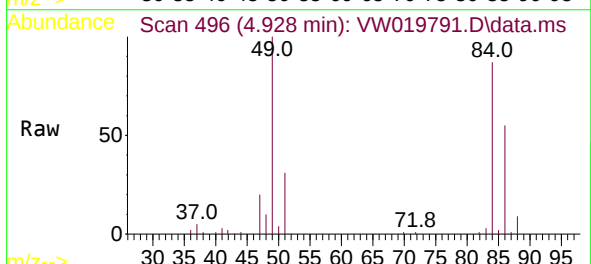
Instrument :
MSVOA_W
ClientSampled :

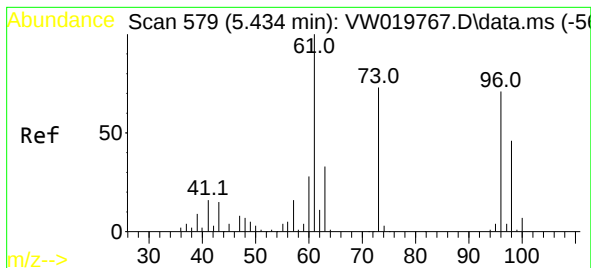
Tgt Ion: 43 Resp: 40343
Ion Ratio Lower Upper
43 100
74 25.6 20.0 30.0



#16
Methylene chloride
Concen: 21.396 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 84 Resp: 119678
Ion Ratio Lower Upper
84 100
86 62.9 45.3 84.1
49 114.4 86.6 160.8

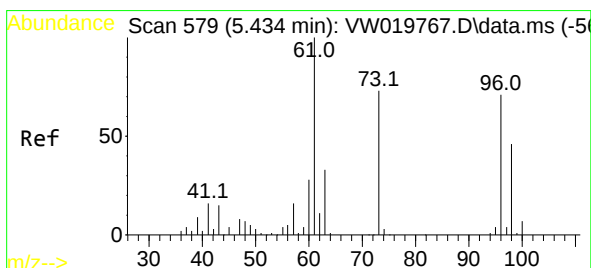
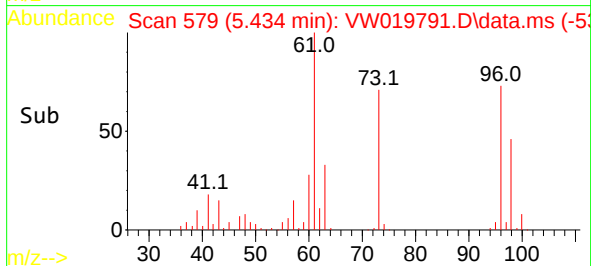
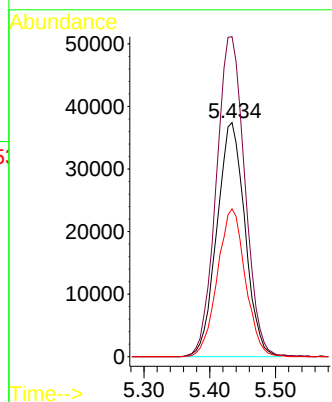
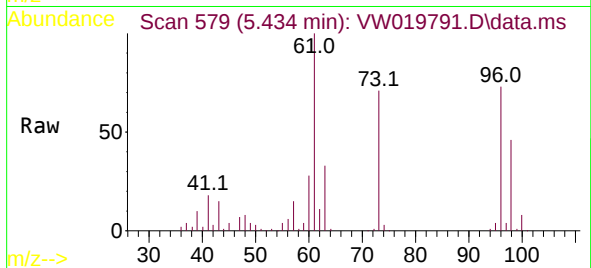




#17
trans-1,2-Dichloroethene
Concen: 23.921 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

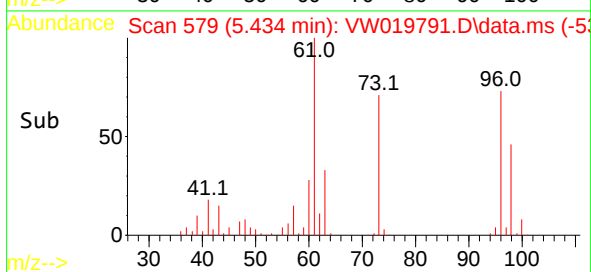
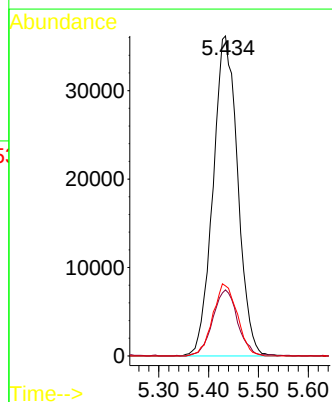
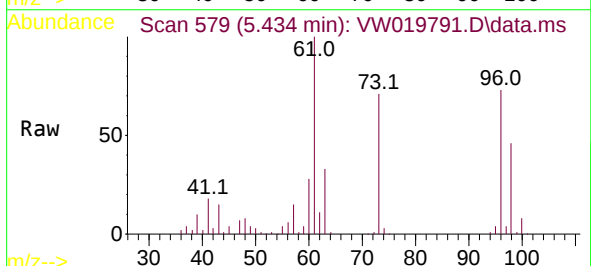
Instrument :
MSVOA_W
ClientSampled :

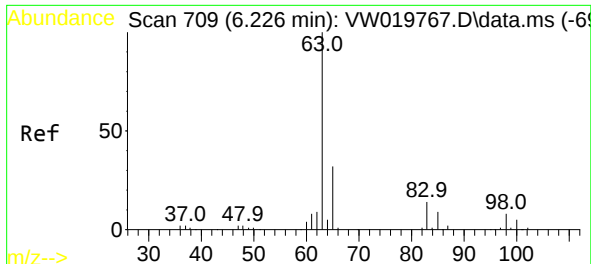
Tgt Ion: 96 Resp: 110903
Ion Ratio Lower Upper
96 100
61 136.7 98.3 182.7
98 63.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 23.285 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 73 Resp: 124263
Ion Ratio Lower Upper
73 100
43 20.9 17.7 26.5
57 22.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 24.683 ug/L

RT: 6.220 min Scan# 708

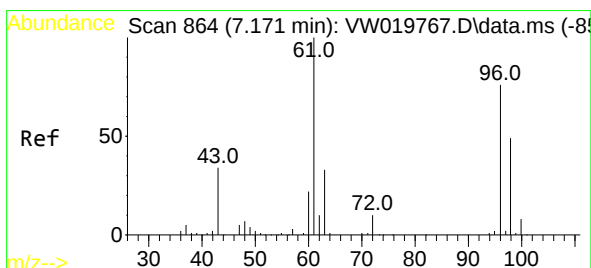
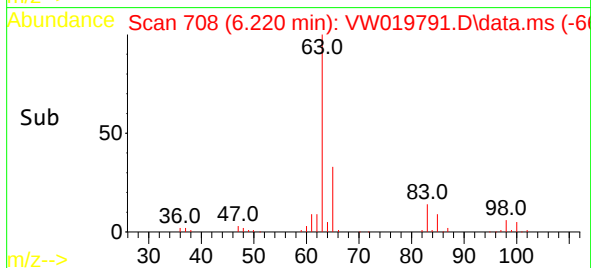
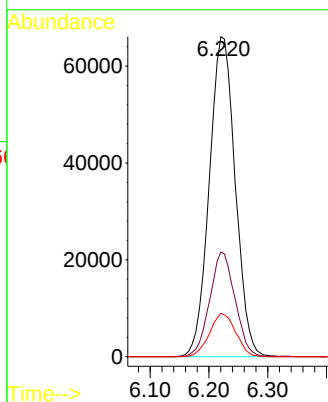
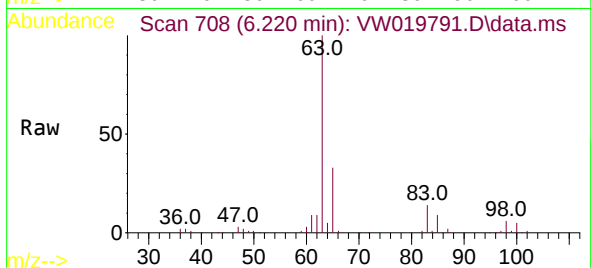
Delta R.T. -0.006 min

Lab File: VW019791.D

Acq: 18 Aug 2021 22:28

Tgt Ion: 63	Resp: 202847
Ion Ratio	Lower Upper
63 100	
65 32.7	22.9 42.5
83 13.5	10.2 19.0

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 24.524 ug/L

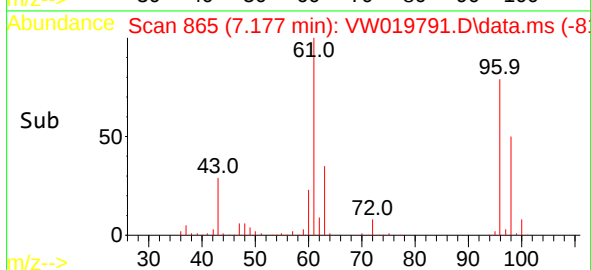
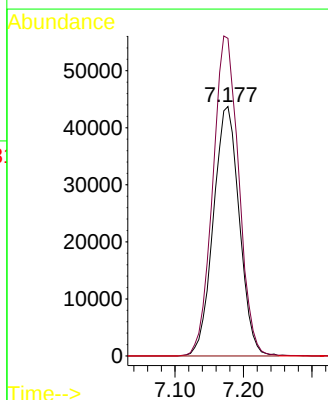
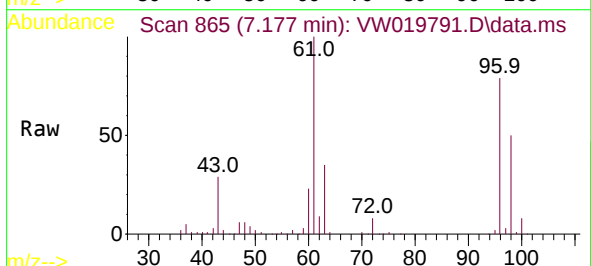
RT: 7.177 min Scan# 865

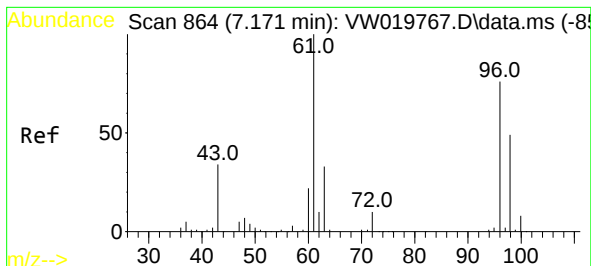
Delta R.T. 0.006 min

Lab File: VW019791.D

Acq: 18 Aug 2021 22:28

Tgt Ion: 96	Resp: 115084
Ion Ratio	Lower Upper
96 100	
61 127.3	88.5 164.3
68 0.0	0.0 0.0

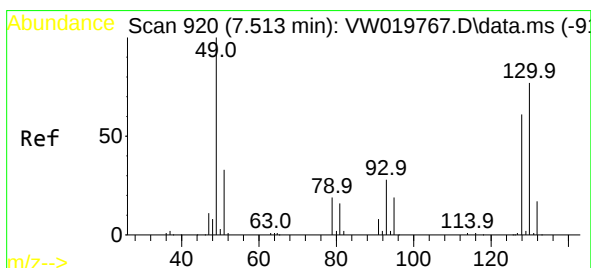
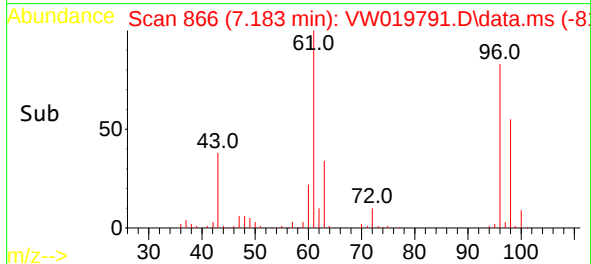
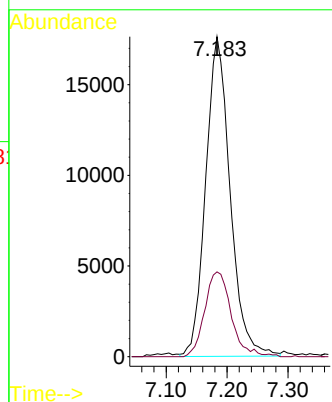
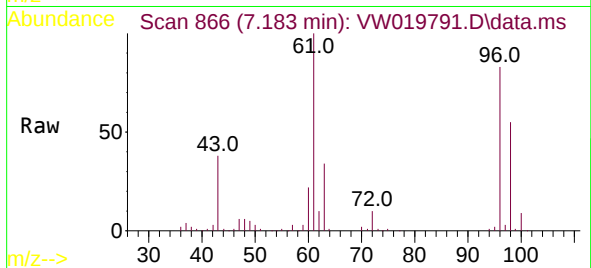




#22
2-Butanone
Concen: 43.325 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

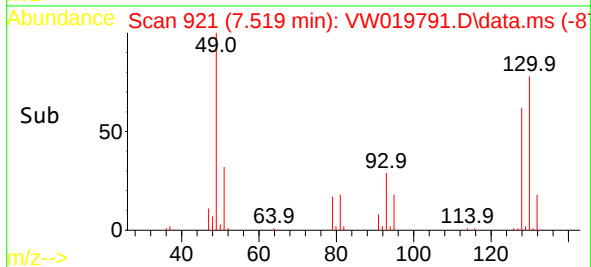
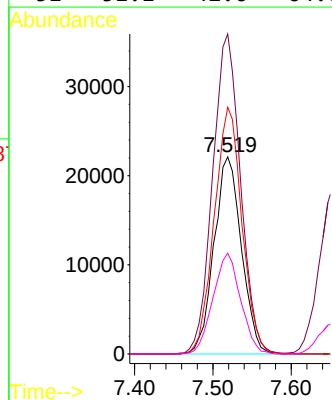
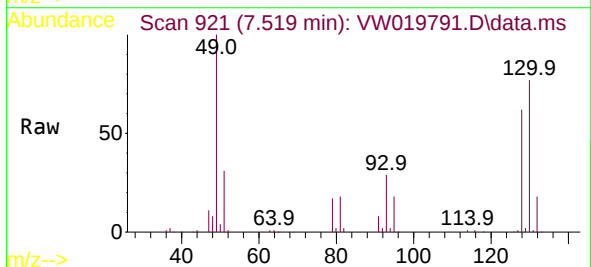
Instrument :
MSVOA_W
ClientSampled :

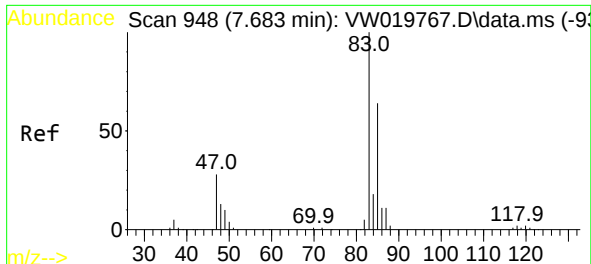
Tgt Ion: 43 Resp: 49158
Ion Ratio Lower Upper
43 100
72 28.5 14.9 44.7



#23
Bromochloromethane
Concen: 25.620 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 128 Resp: 53805
Ion Ratio Lower Upper
128 100
49 162.4 116.3 215.9
130 125.2 82.4 153.0
51 51.1 42.6 64.0

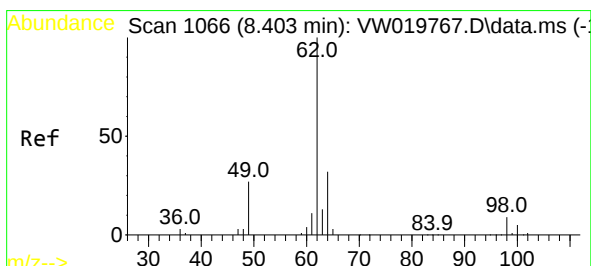
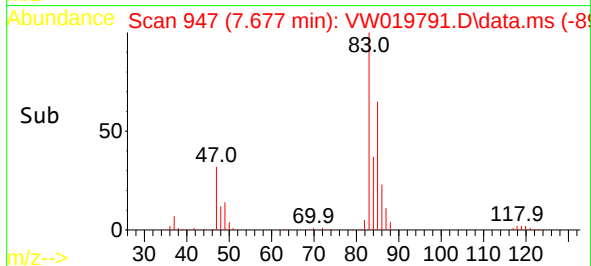
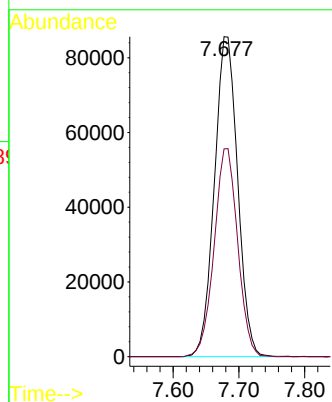
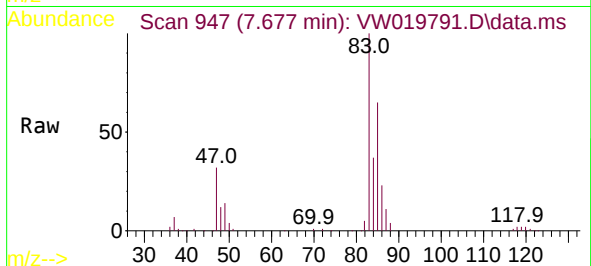




#25
Chloroform
Concen: 24.799 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

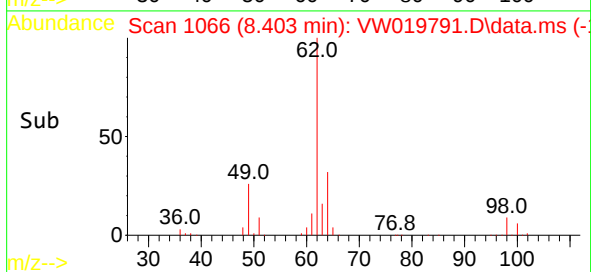
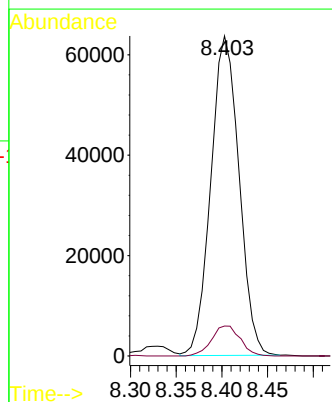
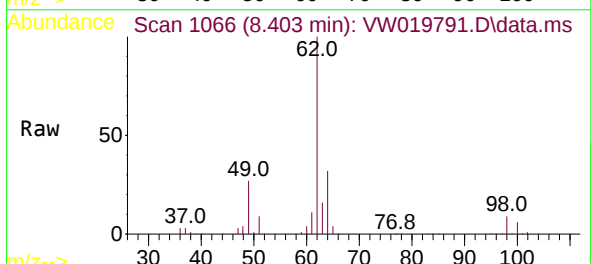
Instrument :
MSVOA_W
ClientSampled :

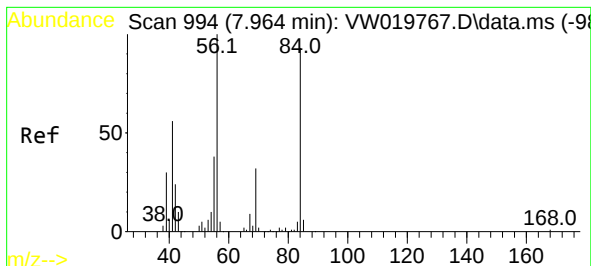
Tgt Ion: 83 Resp: 210845
Ion Ratio Lower Upper
83 100
85 64.9 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.620 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

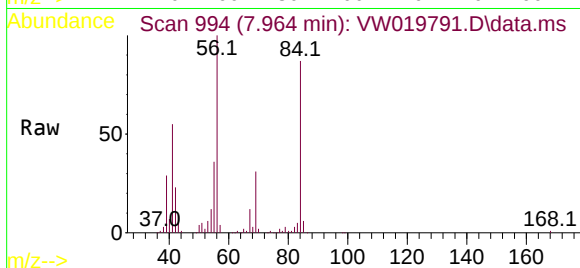
Tgt Ion: 62 Resp: 136551
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3



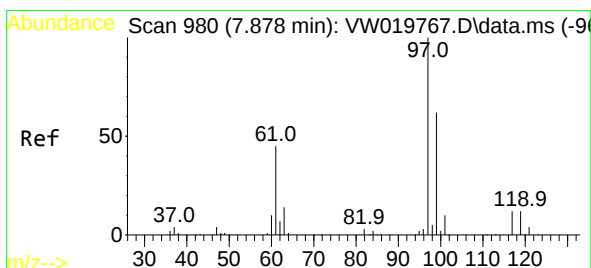
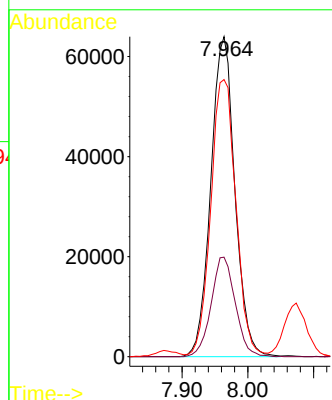
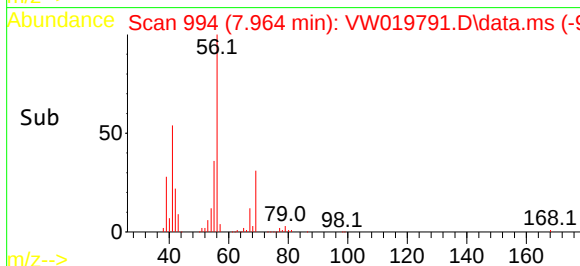


#29
Cyclohexane
Concen: 22.379 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

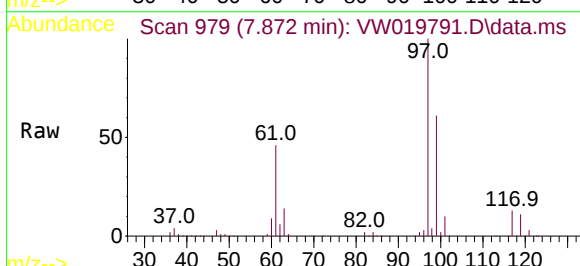
Instrument :
MSVOA_W
ClientSampled :



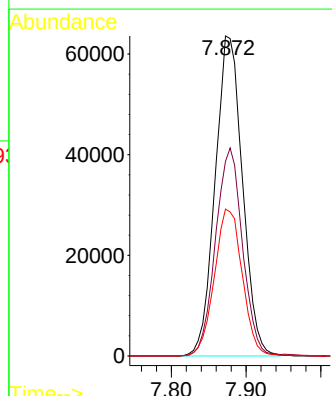
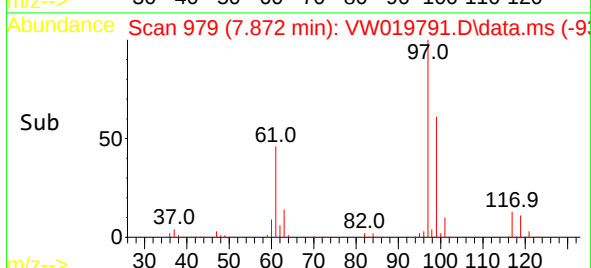
Tgt Ion: 56 Resp: 163032
Ion Ratio Lower Upper
56 100
69 31.1 24.5 36.7
84 90.5 75.0 112.4

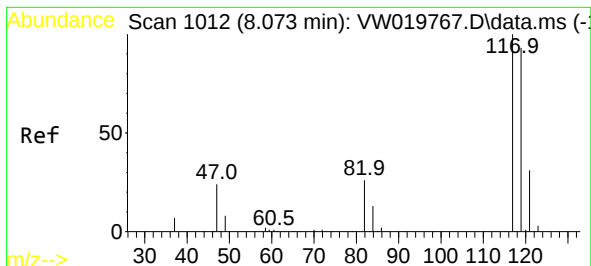


#30
1,1,1-Trichloroethane
Concen: 23.306 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28



Tgt Ion: 97 Resp: 161585
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 46.8 37.8 56.6

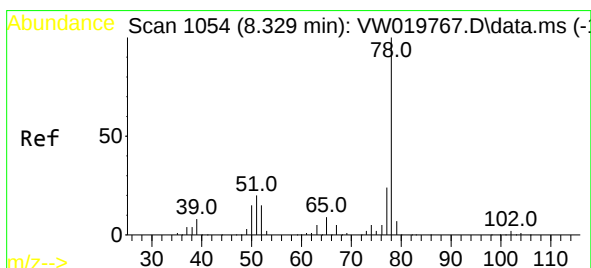
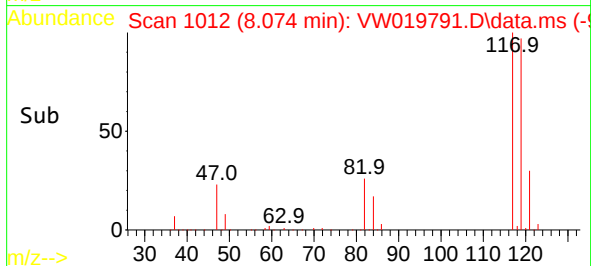
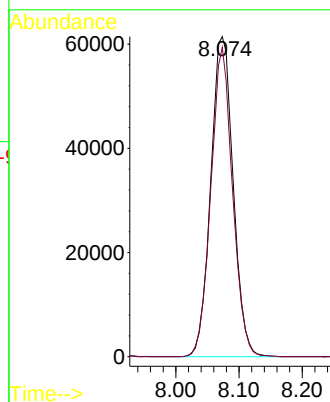
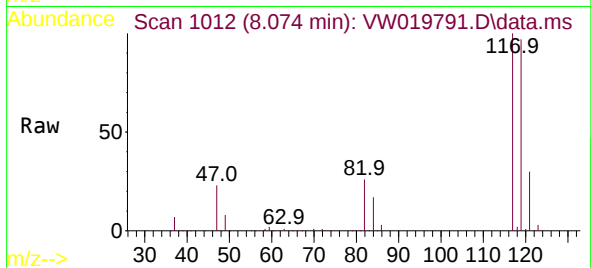




#31
Carbon tetrachloride
Concen: 23.406 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

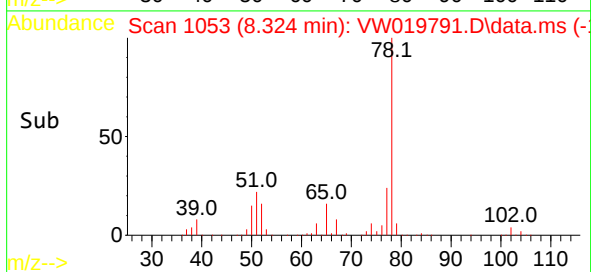
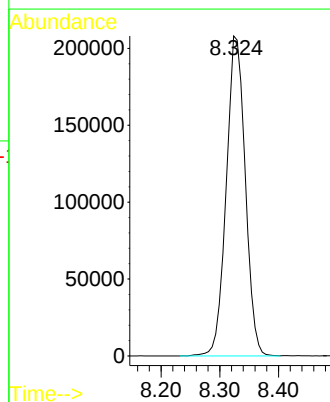
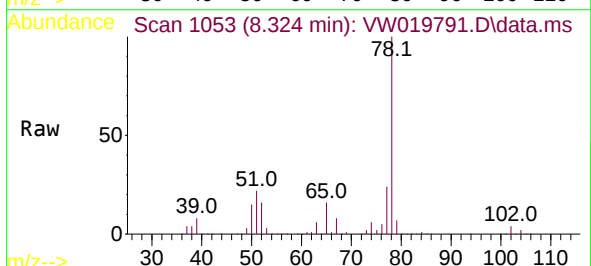
Instrument :
MSVOA_W
ClientSampled :

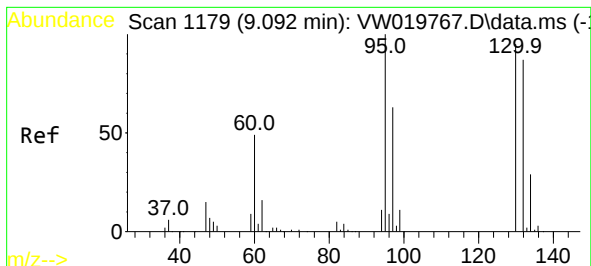
Tgt Ion:117 Resp: 151278
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7



#33
Benzene
Concen: 24.576 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 78 Resp: 467926



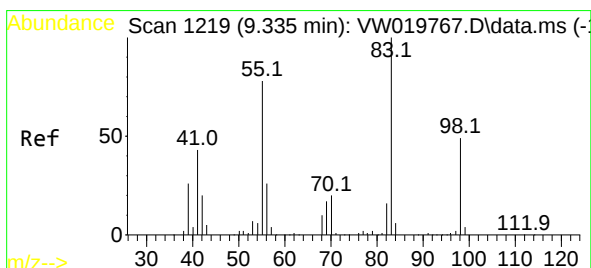
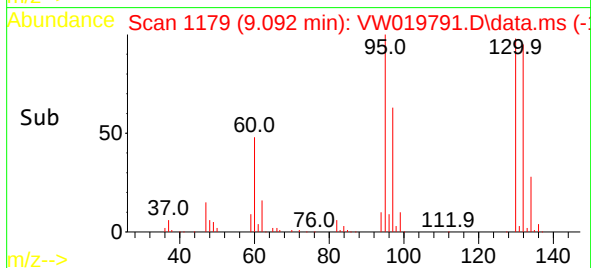
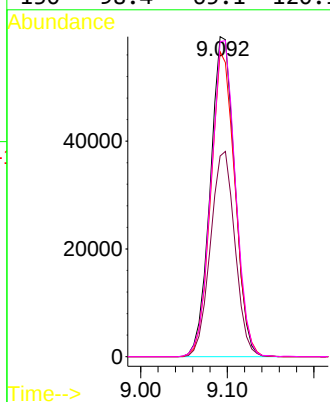
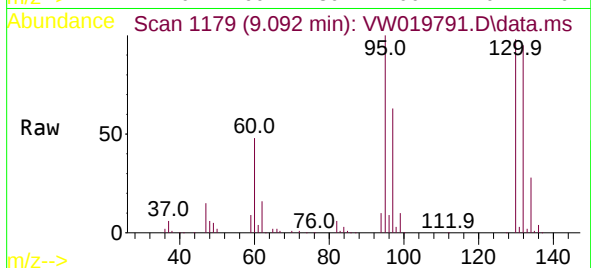


#34
Trichloroethene
Concen: 23.567 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 116650

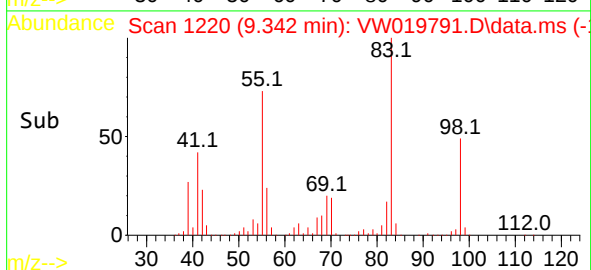
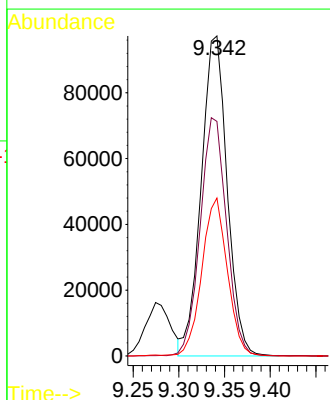
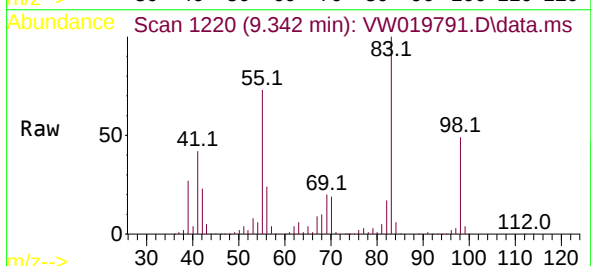
Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.3	87.8
132	95.3	71.0	131.8
130	98.4	65.1	120.9

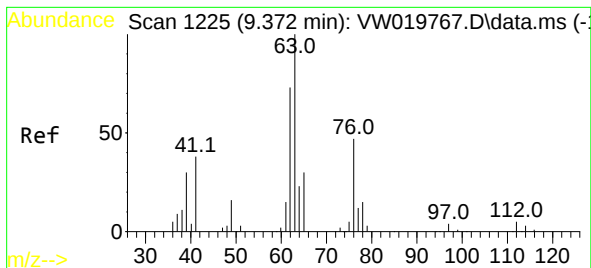


#35
Methylcyclohexane
Concen: 22.717 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 83 Resp: 192860

Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.9	88.3
98	48.4	40.1	60.1

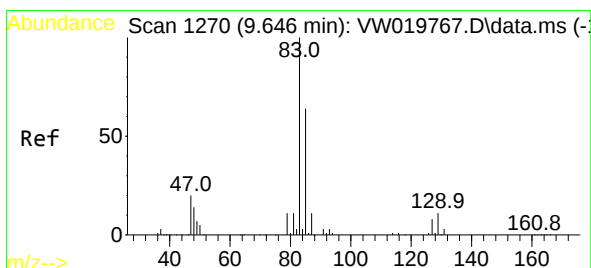
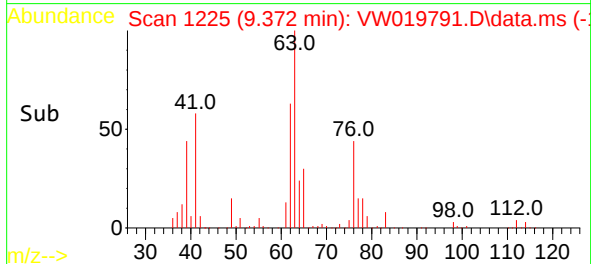
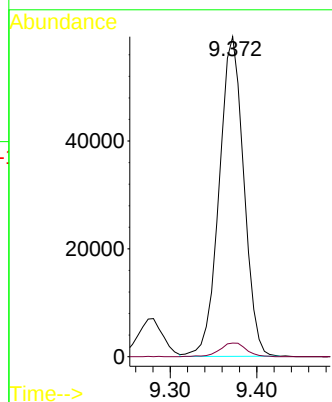
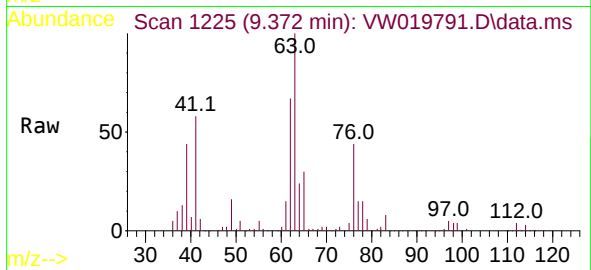




#37
1,2-Dichloropropane
Concen: 24.838 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

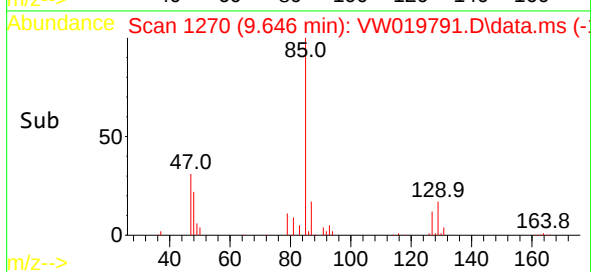
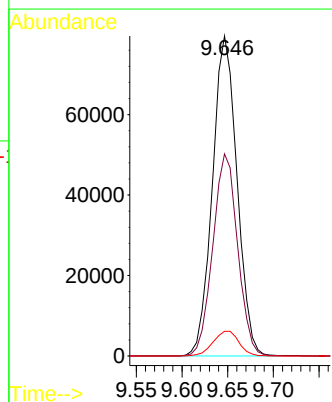
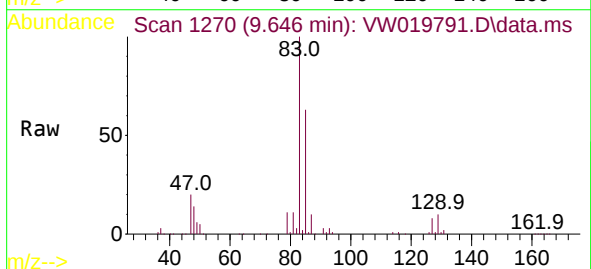
Instrument :
MSVOA_W
ClientSampled :

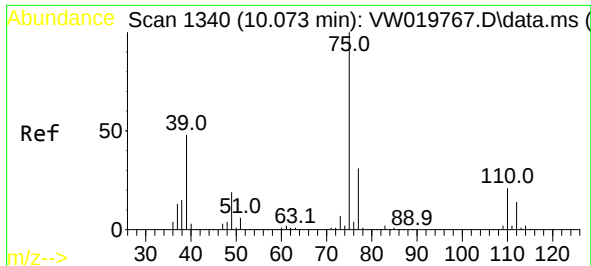
Tgt Ion: 63 Resp: 117124
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 24.374 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 83 Resp: 148895
Ion Ratio Lower Upper
83 100
85 63.2 42.3 78.5
127 7.7 6.6 9.8

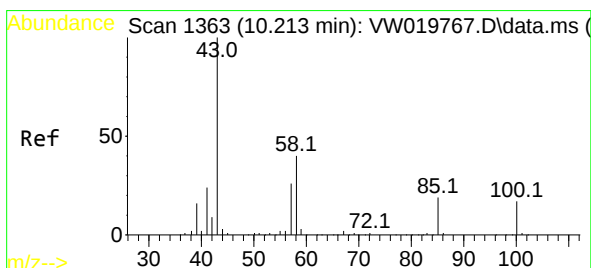
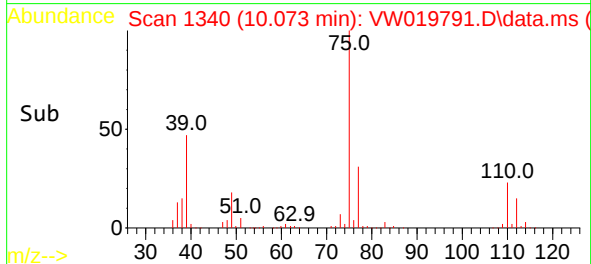
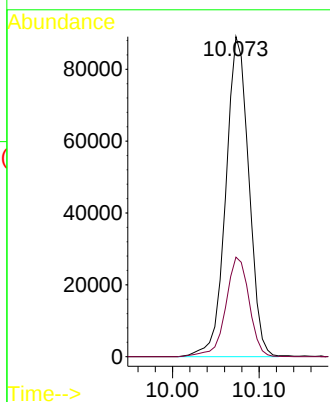
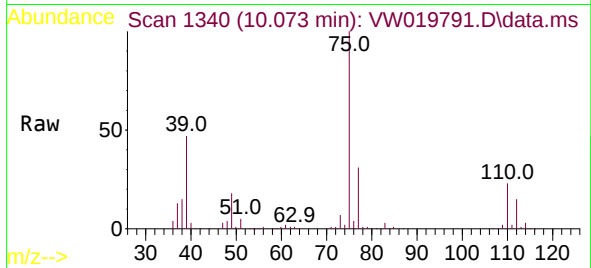




#39
cis-1,3-Dichloropropene
Concen: 23.673 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

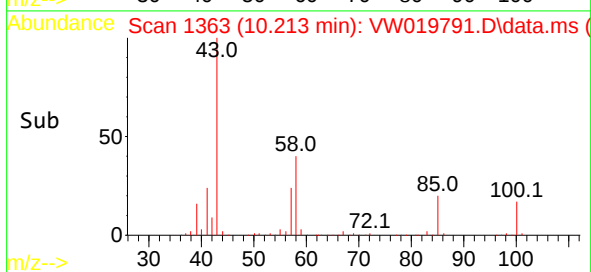
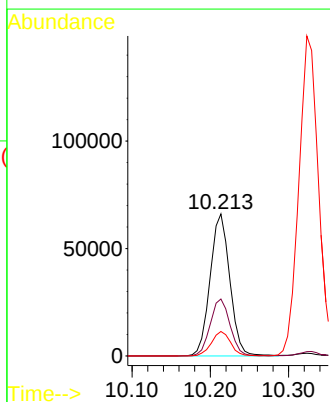
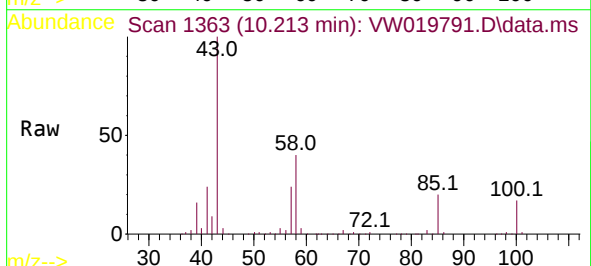
Instrument :
MSVOA_W
ClientSampled :

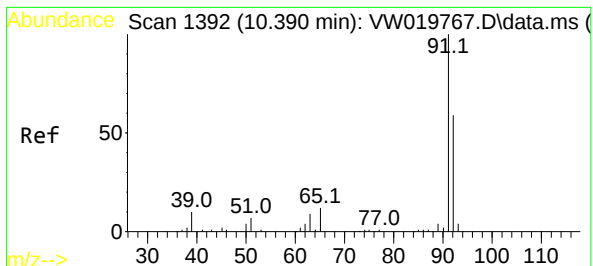
Tgt Ion: 75 Resp: 164380
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 46.160 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 43 Resp: 115743
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.4
100 16.8 13.0 19.6





#42

Toluene

Concen: 25.310 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019791.D

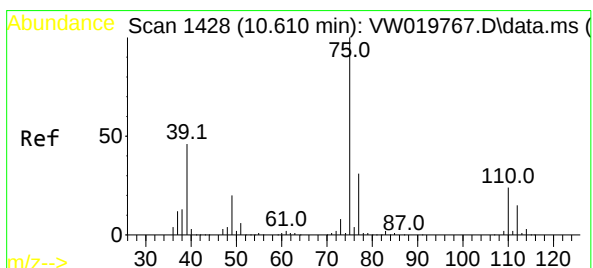
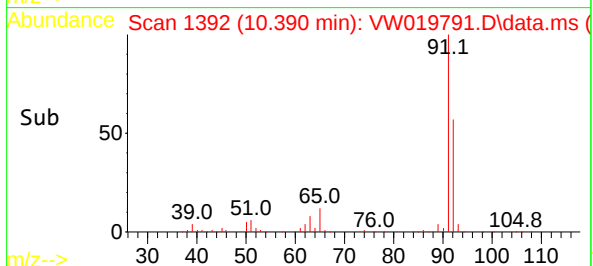
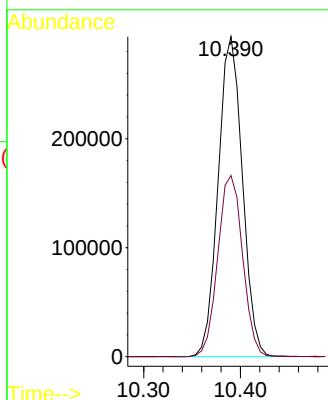
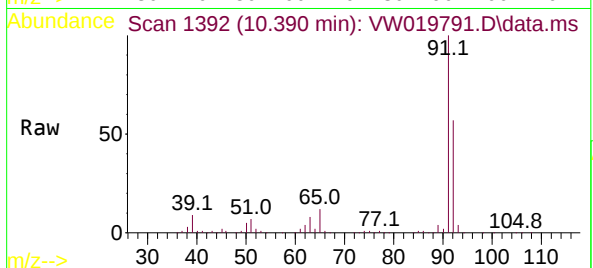
Acq: 18 Aug 2021 22:28

Tgt Ion: 91 Resp: 510469

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 23.453 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW019791.D

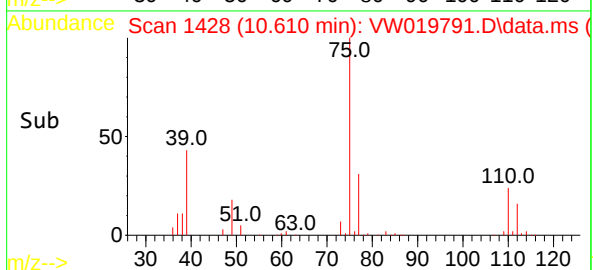
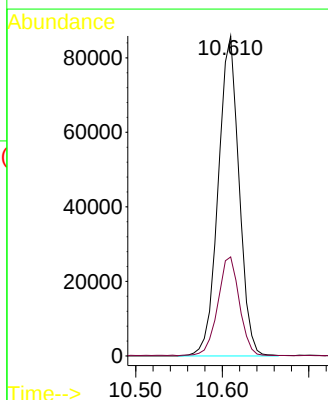
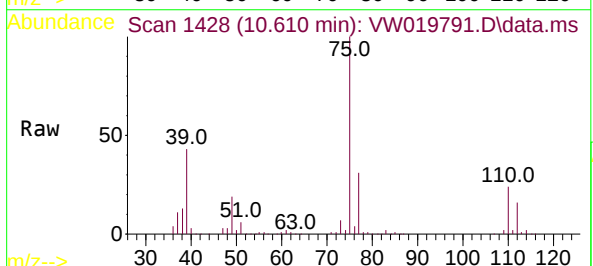
Acq: 18 Aug 2021 22:28

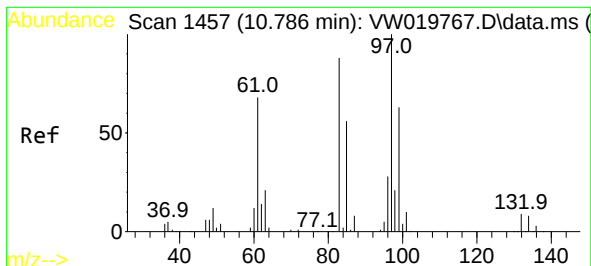
Tgt Ion: 75 Resp: 143347

Ion Ratio Lower Upper

75 100

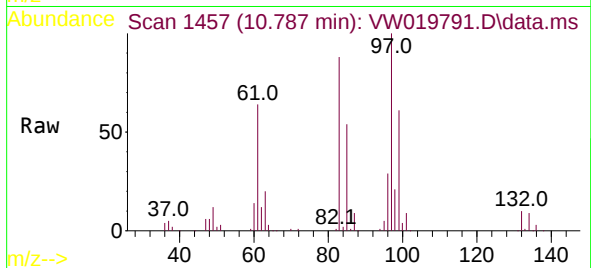
77 30.9 21.1 39.1





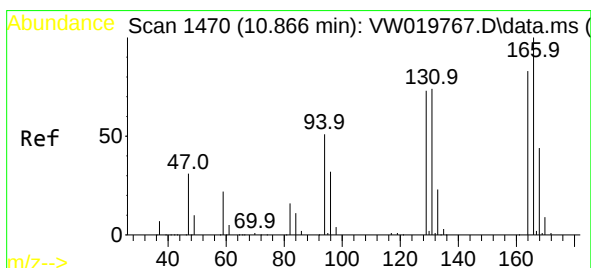
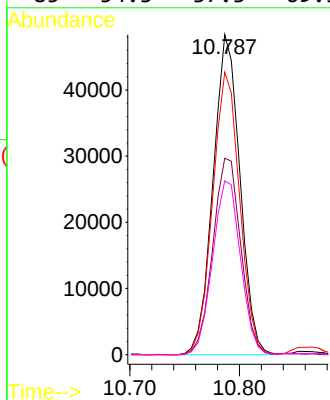
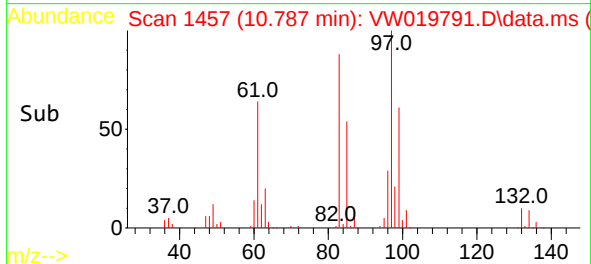
#45
1,1,2-Trichloroethane
Concen: 24.134 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Instrument :
MSVOA_W
ClientSampled :

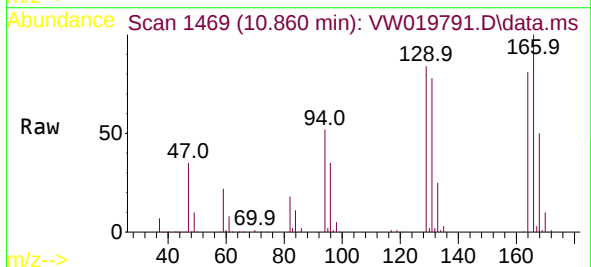


Tgt Ion: 97 Resp: 82389

Ion	Ratio	Lower	Upper
97	100		
99	61.4	45.1	83.7
83	88.3	58.1	107.9
85	54.3	37.3	69.3

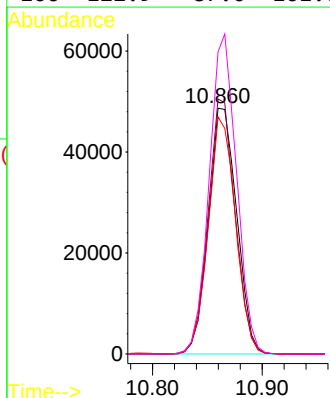
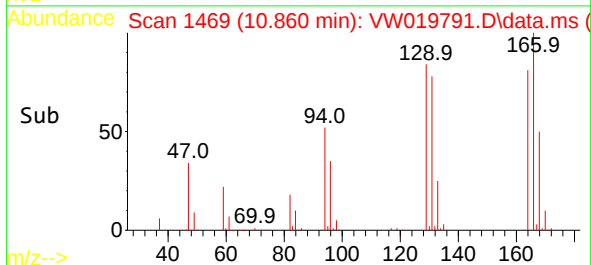


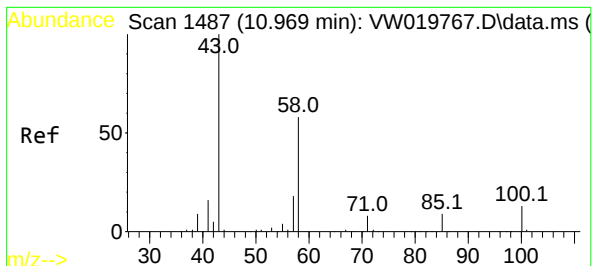
#46
Tetrachloroethene
Concen: 23.273 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28



Tgt Ion: 164 Resp: 87259

Ion	Ratio	Lower	Upper
164	100		
129	103.8	66.7	123.9
131	96.4	61.1	113.5
166	122.9	87.0	161.6



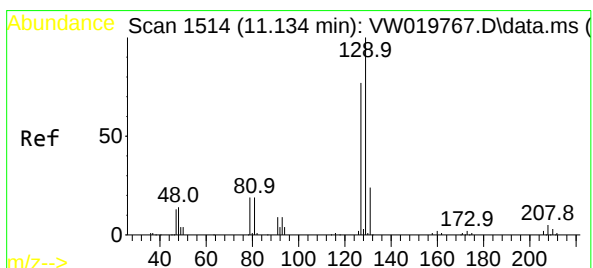
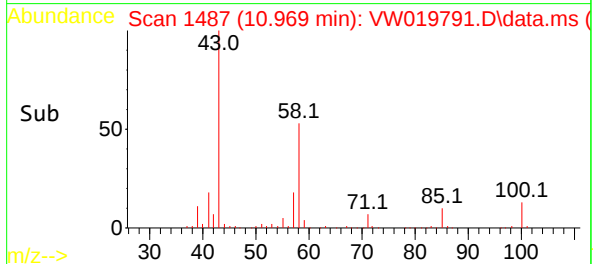
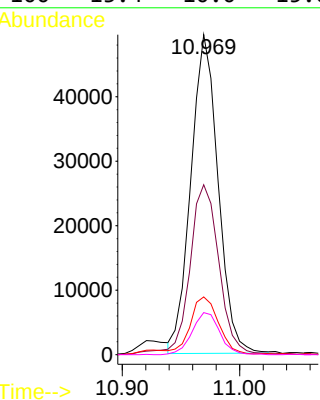
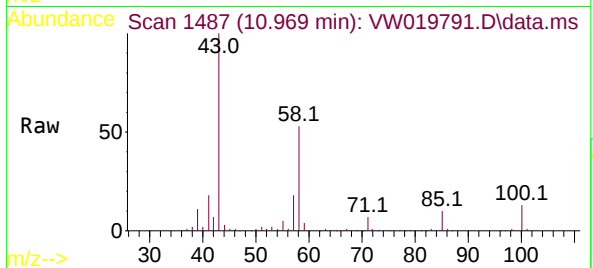


#48
2-Hexanone
Concen: 45.674 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 43 Resp: 79722

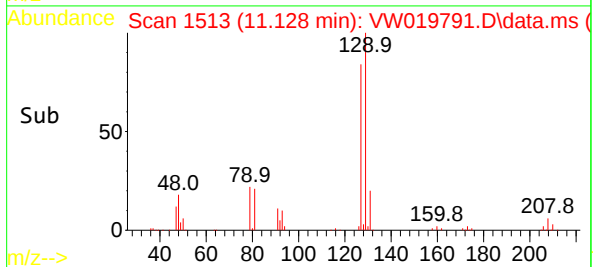
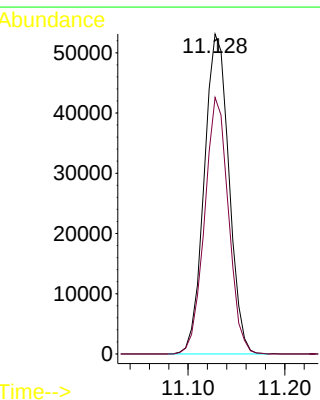
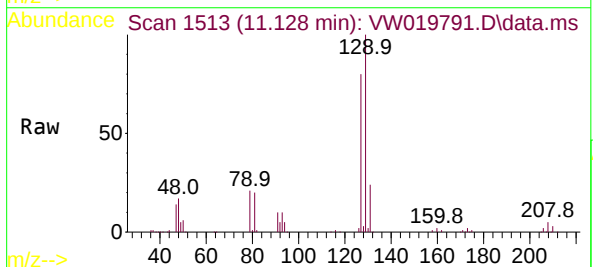
Ion	Ratio	Lower	Upper
43	100		
58	57.6	42.7	64.1
57	18.9	15.8	23.8
100	13.4	10.0	15.0

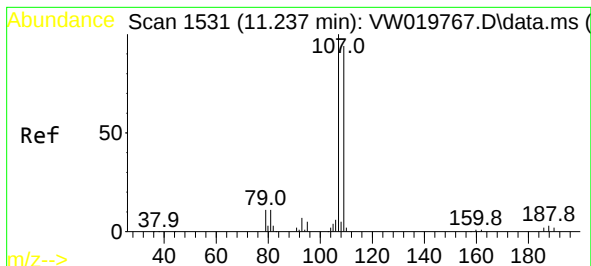


#49
Dibromochloromethane
Concen: 24.111 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 129 Resp: 94156

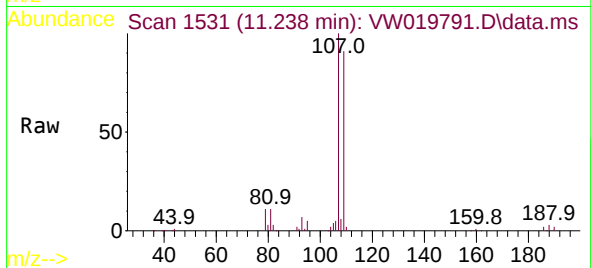
Ion	Ratio	Lower	Upper
129	100		
127	80.2	51.7	95.9



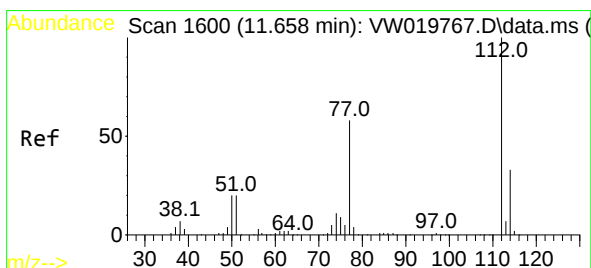
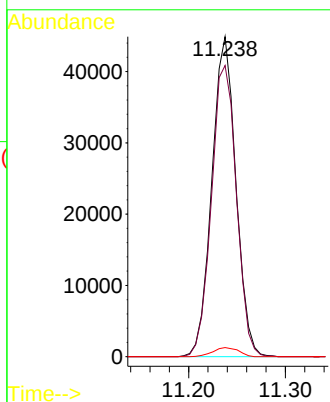
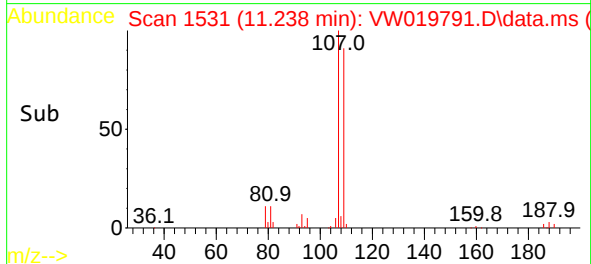


#50
1,2-Dibromoethane
Concen: 24.166 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

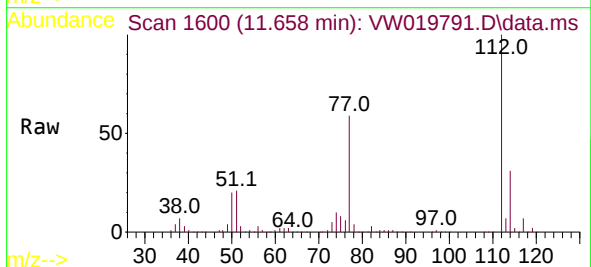
Instrument :
MSVOA_W
ClientSampled :



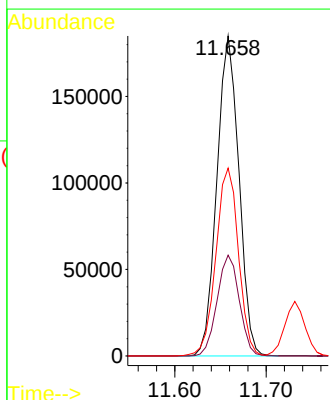
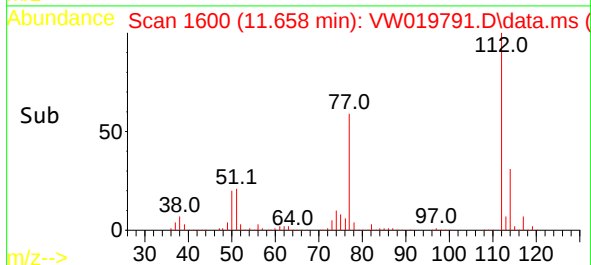
Tgt Ion:107 Resp: 77485
Ion Ratio Lower Upper
107 100
109 91.0 65.4 121.4
188 2.8 2.6 4.0

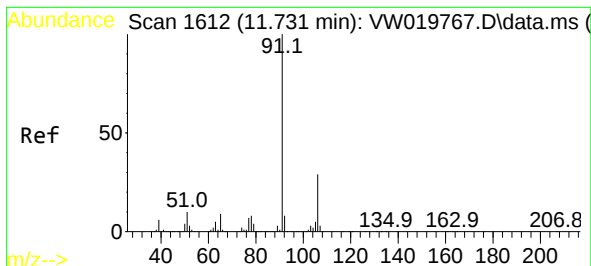


#51
Chlorobenzene
Concen: 24.177 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28



Tgt Ion:112 Resp: 309702
Ion Ratio Lower Upper
112 100
114 31.5 23.4 43.6
77 58.7 47.6 71.4

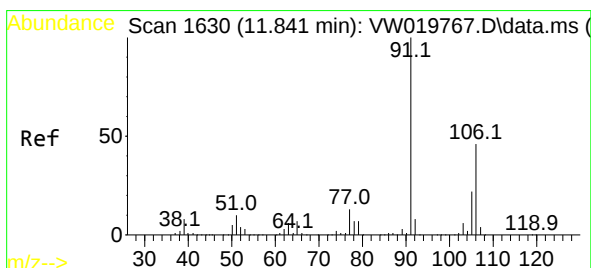
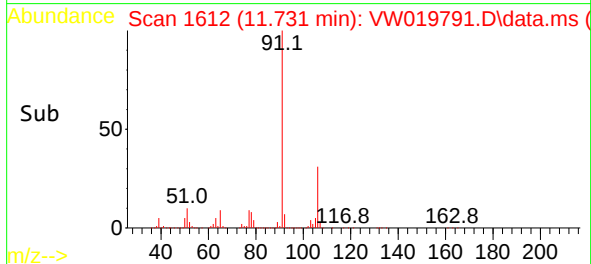
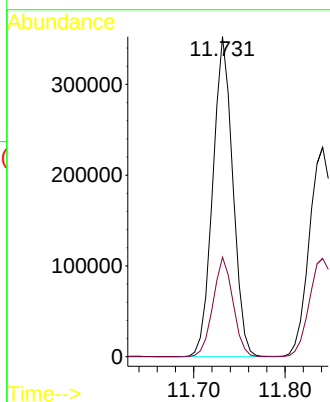
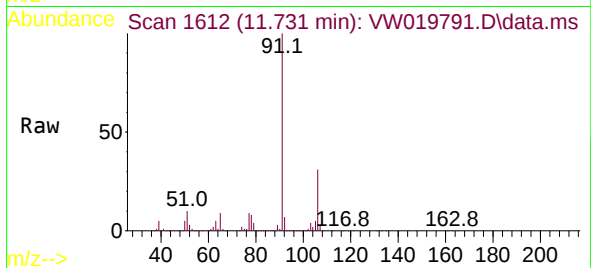




#52
Ethylbenzene
Concen: 24.746 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

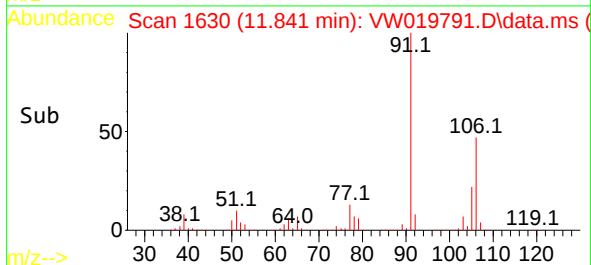
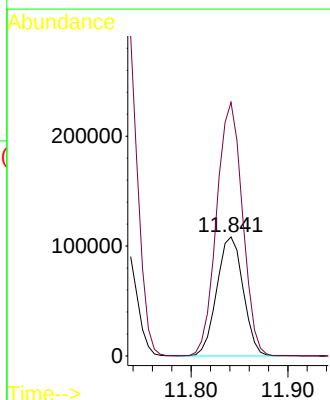
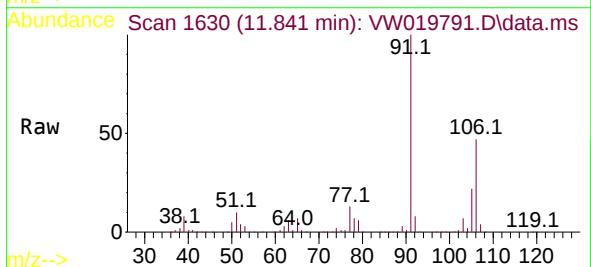
Instrument :
MSVOA_W
ClientSampled :

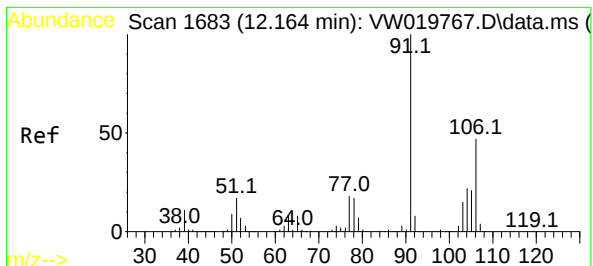
Tgt Ion: 91 Resp: 537340
Ion Ratio Lower Upper
91 100
106 31.1 22.5 41.7



#53
m,p-Xylene
Concen: 24.574 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 106 Resp: 204911
Ion Ratio Lower Upper
106 100
91 213.1 141.3 262.3

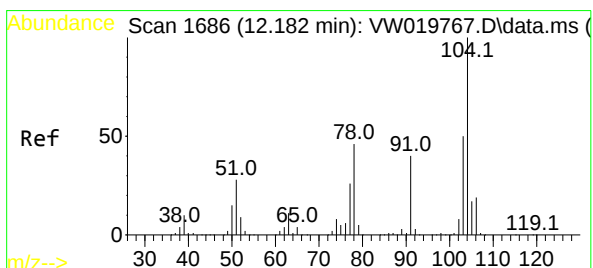
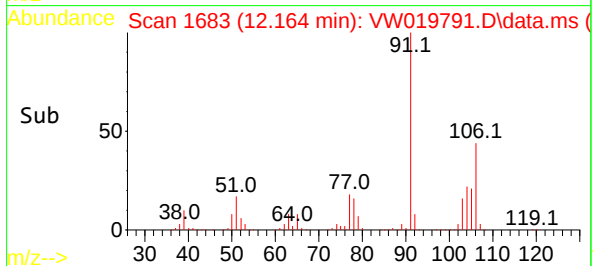
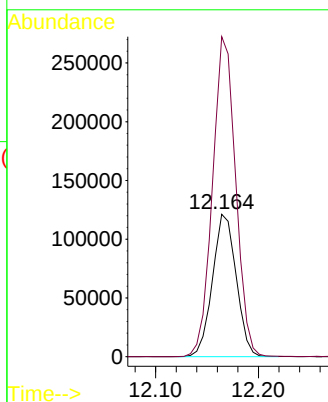
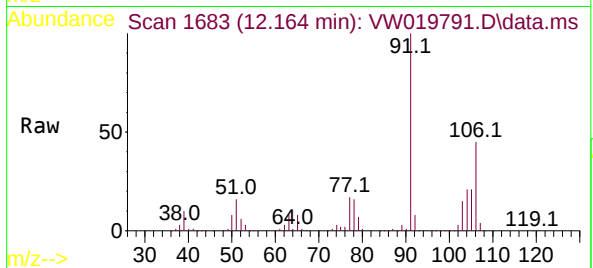




#54
o-Xylene
Concen: 24.622 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

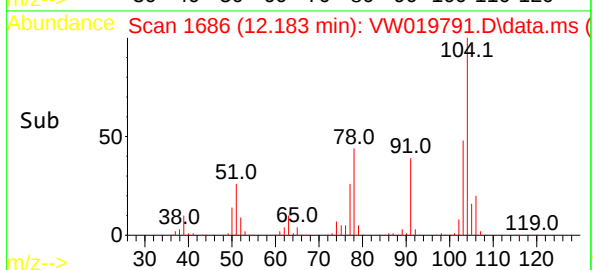
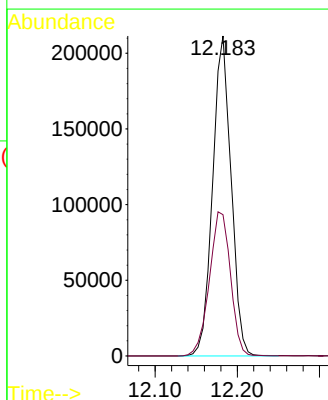
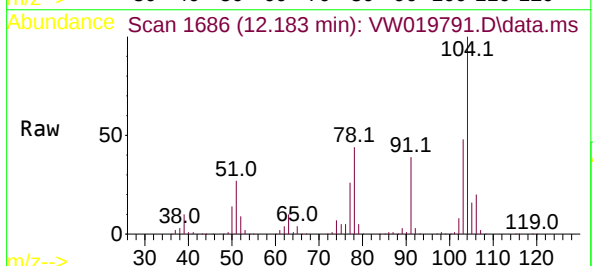
Instrument :
MSVOA_W
ClientSampled :

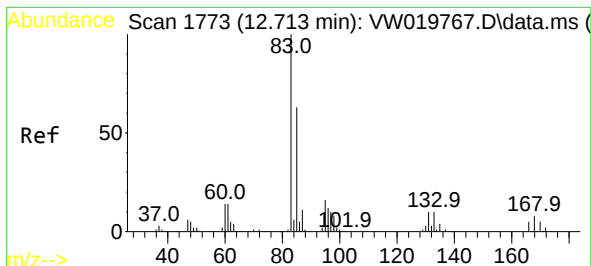
Tgt Ion:106 Resp: 194209
Ion Ratio Lower Upper
106 100
91 224.7 150.0 278.6



#55
Styrene
Concen: 24.514 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:104 Resp: 330392
Ion Ratio Lower Upper
104 100
78 44.1 32.5 60.3

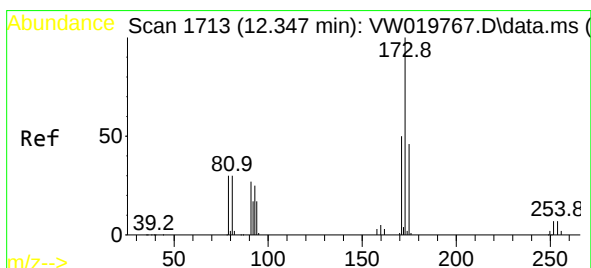
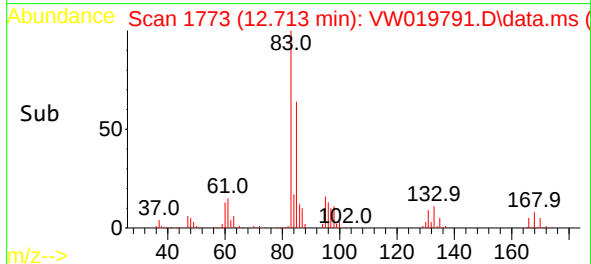
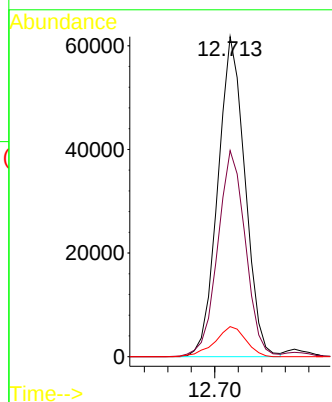
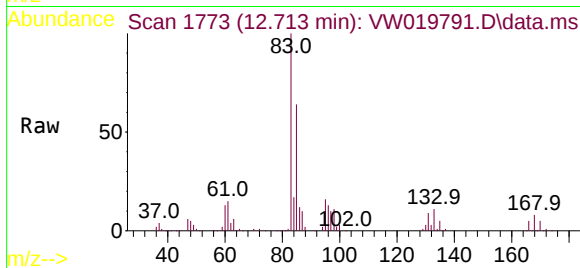




#57
1,1,2,2-Tetrachloroethane
Concen: 23.705 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

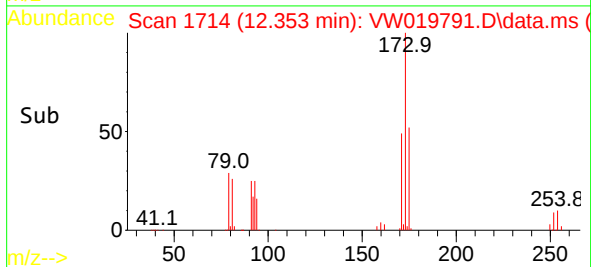
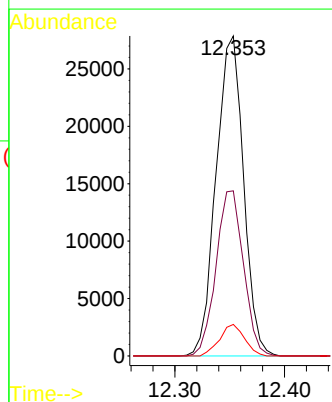
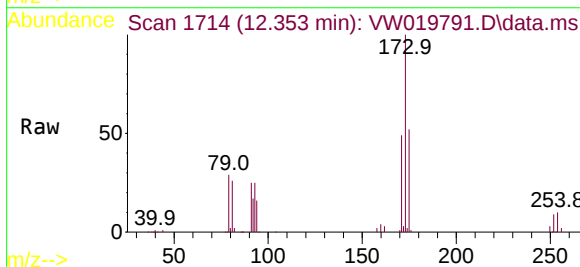
Instrument :
MSVOA_W
ClientSampled :

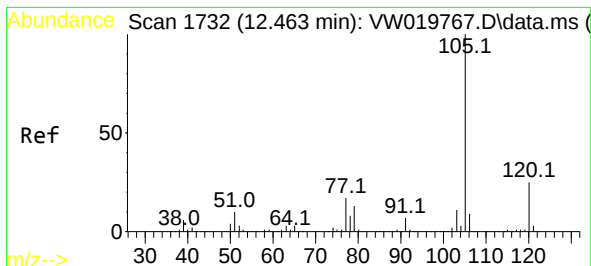
Tgt Ion:	83	Resp:	99239
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.4	82.4
131	9.4	8.2	12.4



#59
Bromoform
Concen: 22.584 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:	173	Resp:	48483
Ion	Ratio	Lower	Upper
173	100		
175	51.6	37.5	56.3
254	9.0	7.0	10.4

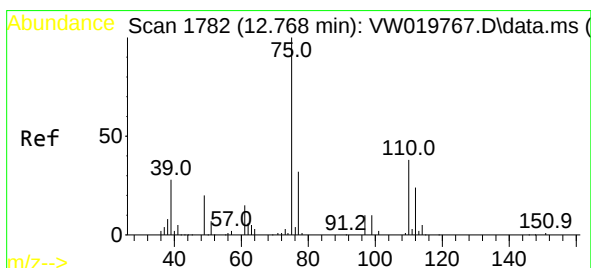
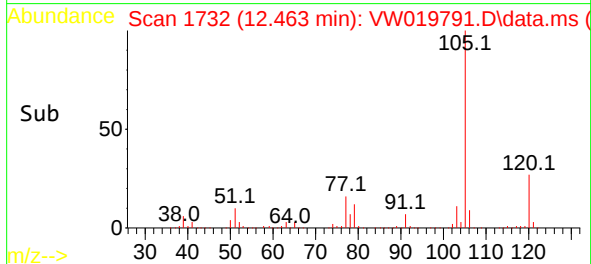
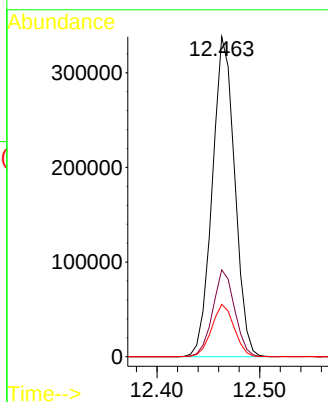
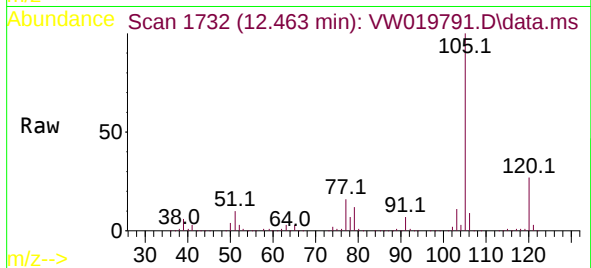




#60
Isopropylbenzene
Concen: 23.344 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

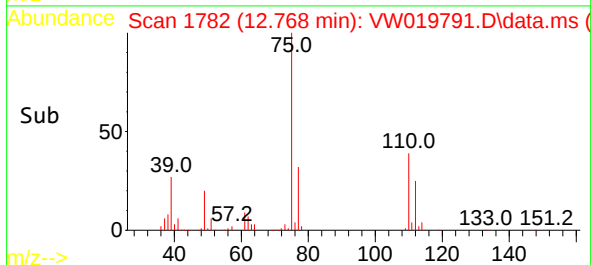
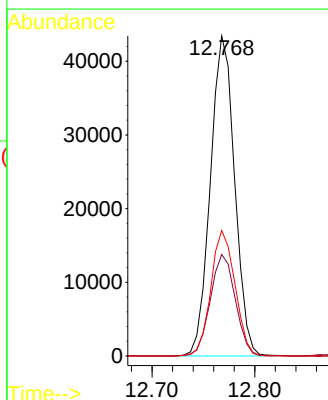
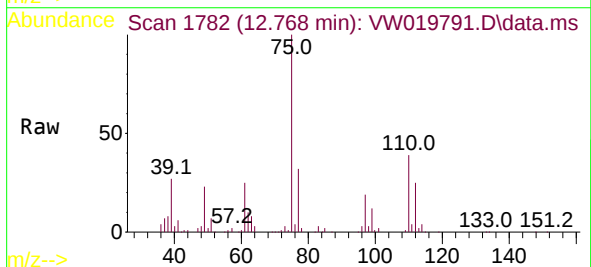
Instrument :
MSVOA_W
ClientSampled :

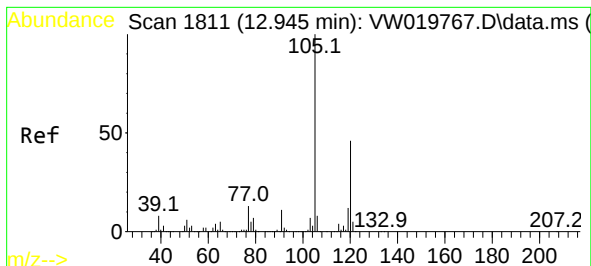
Tgt Ion:105 Resp: 511415
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 22.433 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 75 Resp: 71117
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 39.0 32.6 48.8

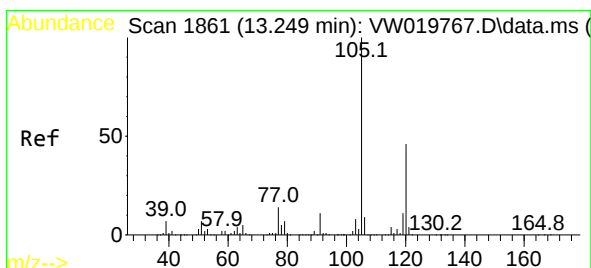
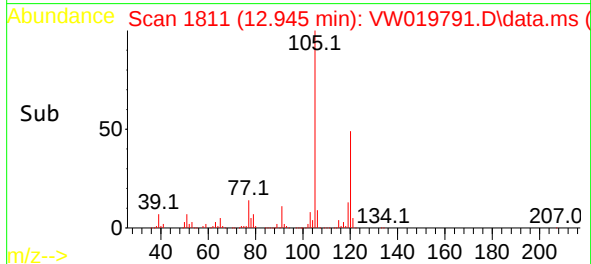
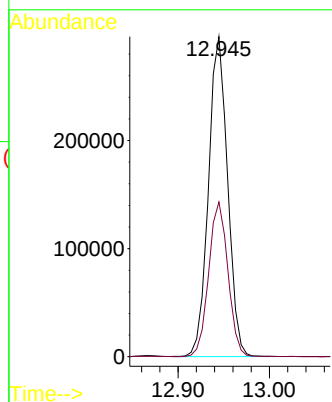
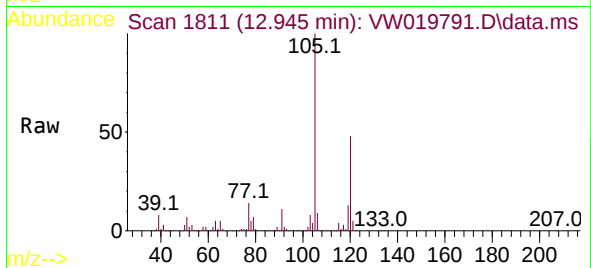




#62
1,3,5-Trimethylbenzene
Concen: 24.597 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

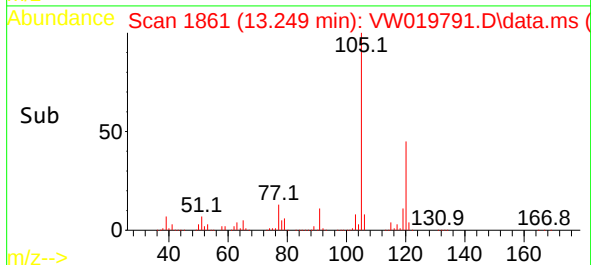
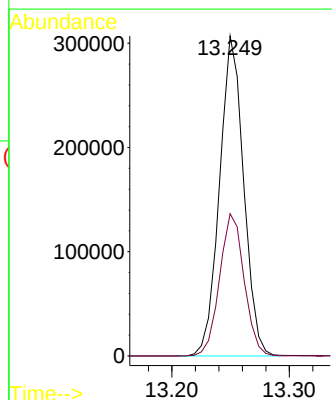
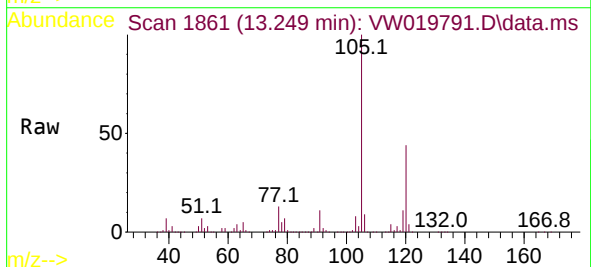
Instrument :
MSVOA_W
ClientSampled :

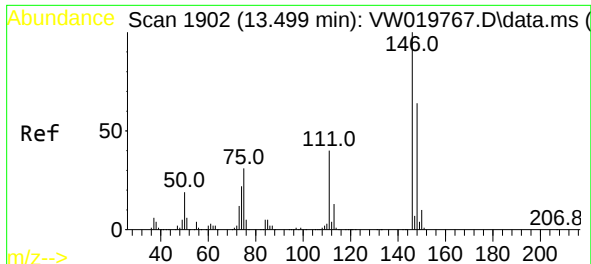
Tgt Ion:105 Resp: 430105
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.712 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:105 Resp: 438008
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

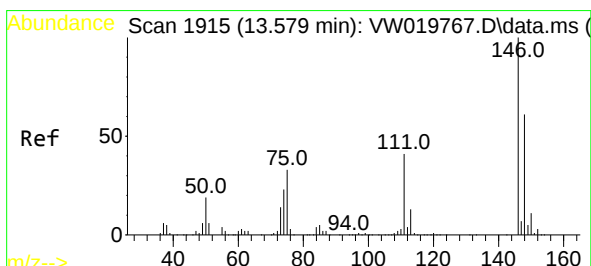
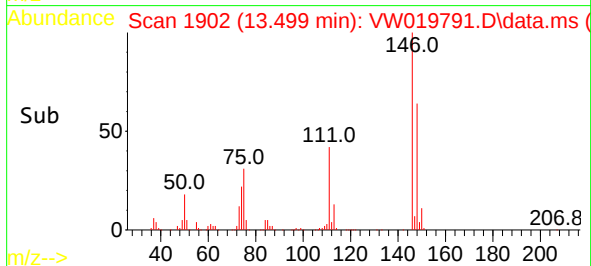
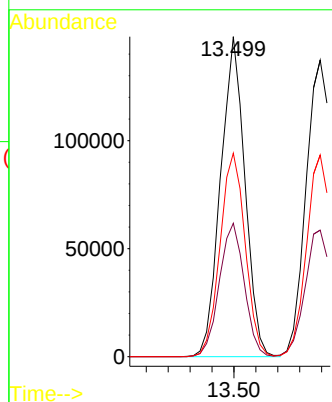
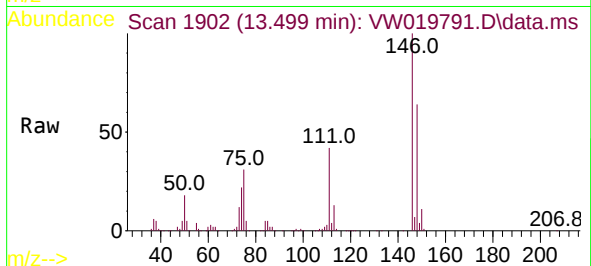




#64
1,3-Dichlorobenzene
Concen: 23.409 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

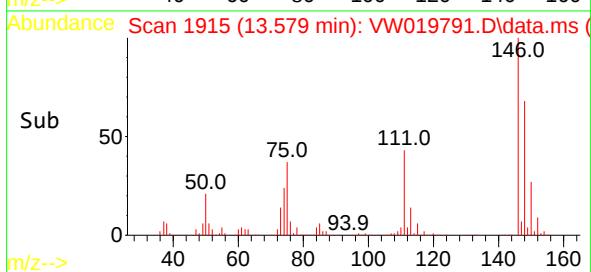
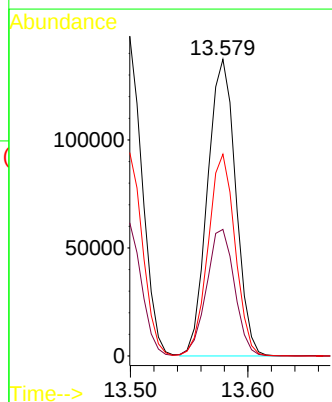
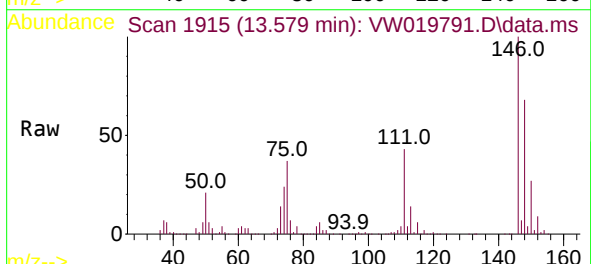
Instrument :
MSVOA_W
ClientSampled :

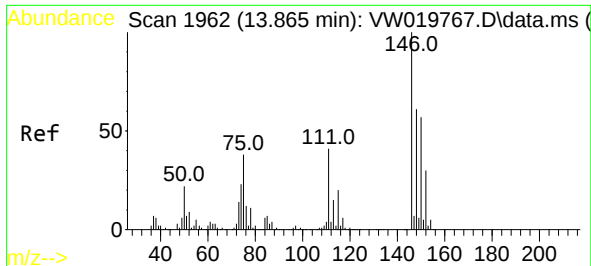
Tgt Ion:146 Resp: 228644
Ion Ratio Lower Upper
146 100
111 41.7 26.7 49.7
148 63.6 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 22.818 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:146 Resp: 229093
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 68.0 46.8 87.0

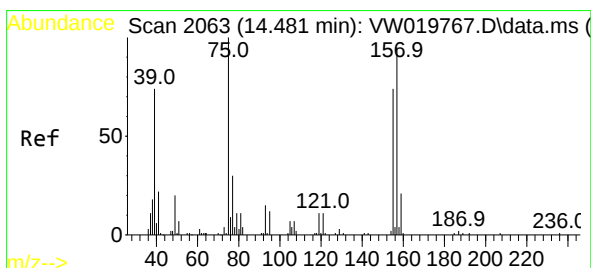
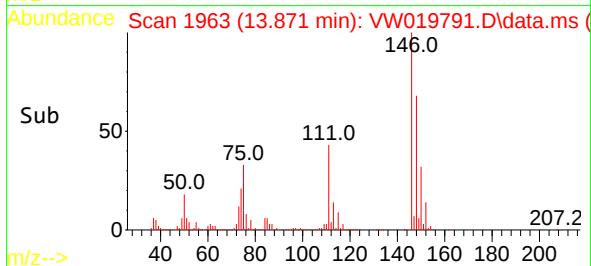
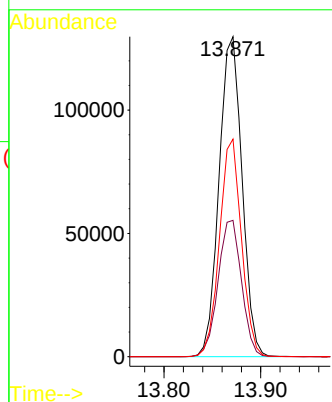
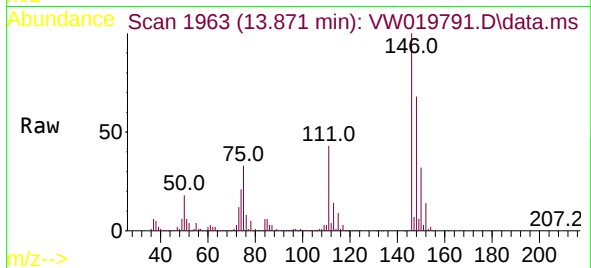




#67
1,2-Dichlorobenzene
Concen: 24.108 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

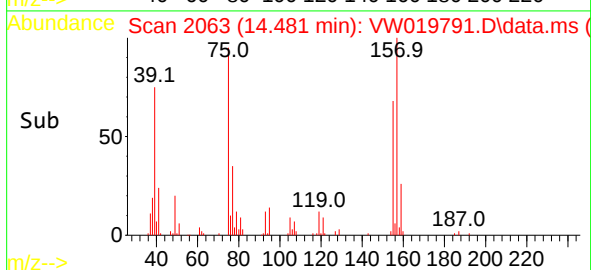
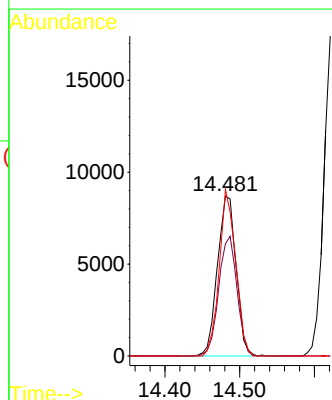
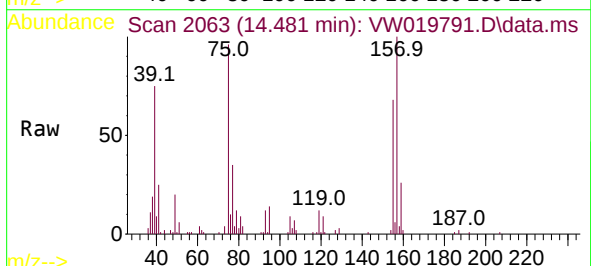
Instrument :
MSVOA_W
ClientSampled :

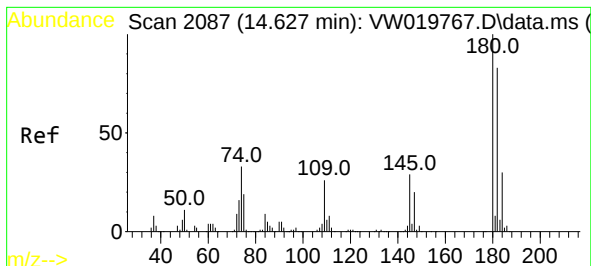
Tgt Ion:146 Resp: 213836
Ion Ratio Lower Upper
146 100
111 42.6 33.2 49.8
148 68.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.776 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion: 75 Resp: 15049
Ion Ratio Lower Upper
75 100
155 70.3 59.4 89.0
157 104.1 72.2 108.2

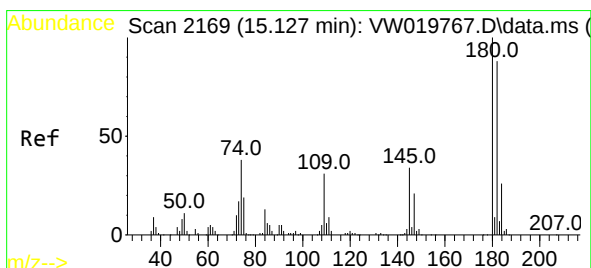
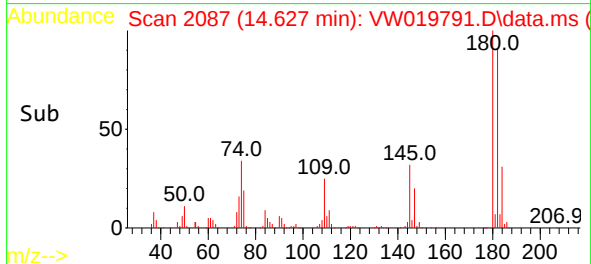
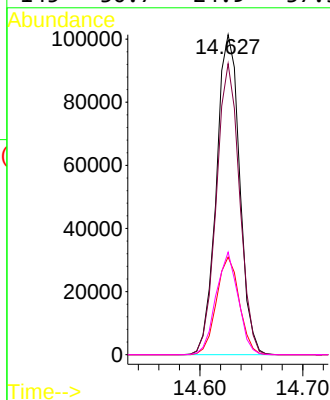
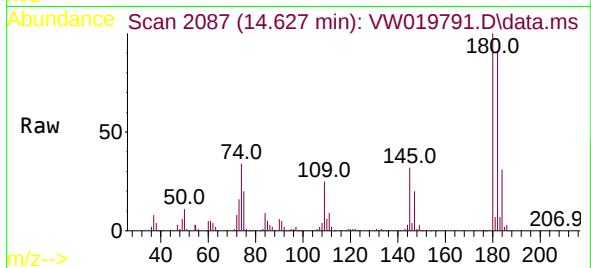




#69
1,3,5-Trichlorobenzene
Concen: 23.606 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

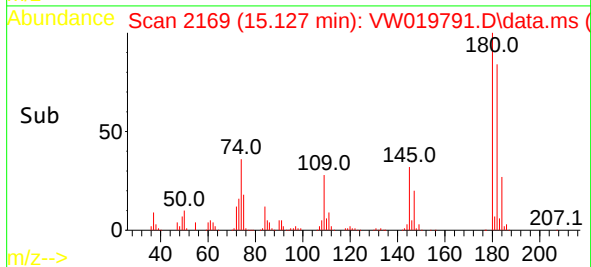
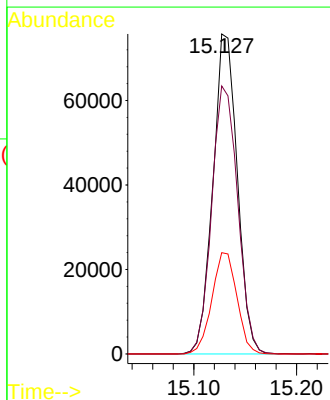
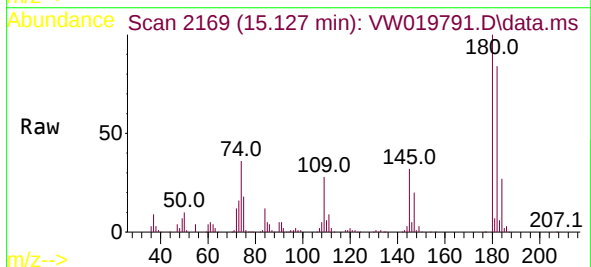
Instrument :
MSVOA_W
ClientSampled :

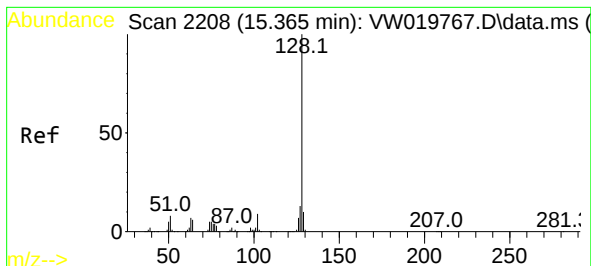
Tgt Ion:	180	Resp:	158871
Ion Ratio	Lower	Upper	
180	100		
182	90.5	73.4	110.2
184	30.1	23.6	35.4
145	30.7	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 24.195 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:	180	Resp:	125123
Ion Ratio	Lower	Upper	
180	100		
182	89.2	74.7	112.1
145	32.4	25.0	37.4

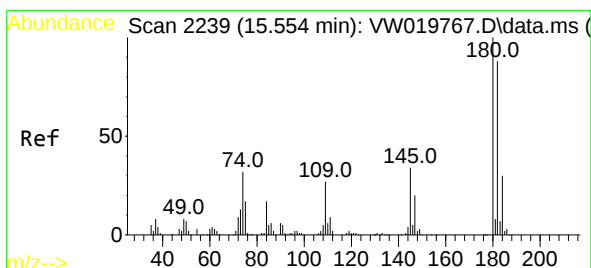
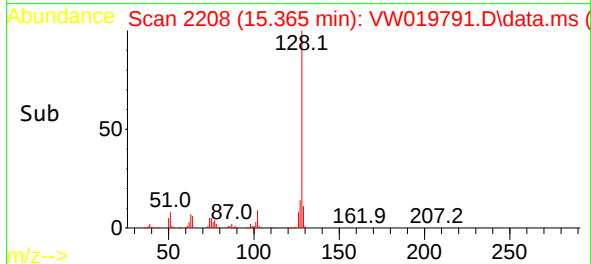
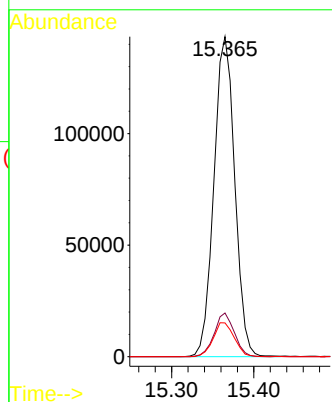
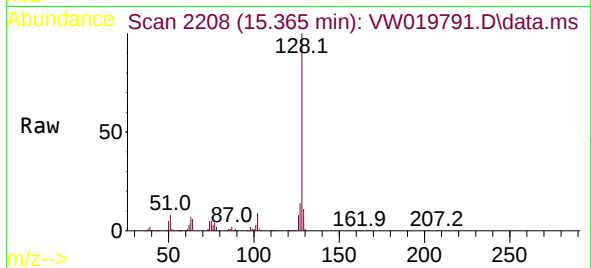




#71
Naphthalene
Concen: 24.473 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 252421
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.338 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019791.D
Acq: 18 Aug 2021 22:28

Tgt Ion:180 Resp: 116549
Ion Ratio Lower Upper
180 100
182 97.9 76.7 115.1
145 35.4 28.9 43.3

