

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071921\
 Data File : VW019511.D
 Acq On : 19 Jul 2021 18:38
 Operator : SY/VA
 Sample : M3047-02
 Misc : 6.32g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 04:46:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	711	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.854	114	884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	1117	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	1104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	548	82.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.260%#	
35) Dibromofluoromethane	7.891	113	304	56.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.323	98	1006	48.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.621	95	529	67.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.880%	

Target Compounds			Qvalue			
3) Chloromethane	2.215	50	469	76.333	ug/l #	72
5) Bromomethane	2.788	94	322	66.624	ug/l	82
6) Chloroethane	2.928	64	44	9.267	ug/l #	41
8) Diethyl Ether	3.696	74	709	169.877	ug/l	92
11) Tert butyl alcohol	5.190	59	310	668.507	ug/l #	73
14) Allyl chloride	4.922	41	855	76.173	ug/l #	25
15) Acrylonitrile	5.403	53	21	11.790	ug/l #	17
16) Acetone	4.141	43	6153	4758.345	ug/l	95
17) Carbon Disulfide	4.397	76	86	3.847	ug/l #	76
18) Methyl Acetate	4.672	43	25	5.822	ug/l #	50
20) Methylene Chloride	4.928	84	23786	3079.569	ug/l	96
23) Vinyl Acetate	6.275	43	114	7.906	ug/l #	70
25) 2-Butanone	7.196	43	67	30.121	ug/l #	48
26) 2,2-Dichloropropane	7.135	77	943	110.425	ug/l #	53
29) Tetrahydrofuran	7.555	42	46	31.129	ug/l #	33
30) Chloroform	7.689	83	315	20.096	ug/l	84
31) Cyclohexane	7.945	56	164	10.977	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	19	2.016	ug/l #	42
37) Ethyl Acetate	7.311	43	23	5.823	ug/l #	67
38) Carbon Tetrachloride	7.958	117	25	3.037	ug/l #	12
40) Benzene	8.317	78	259	9.820	ug/l #	51
41) Methacrylonitrile	7.549	41	42	18.730	ug/l #	25
47) Bromodichloromethane	9.652	83	45	5.302	ug/l #	26
51) 4-Methyl-2-Pentanone	10.226	43	130	34.135	ug/l #	84
52) Toluene	10.384	92	256	15.636	ug/l	87
53) t-1,3-Dichloropropene	10.616	75	64	7.393	ug/l #	1
54) cis-1,3-Dichloropropene	10.079	75	20	1.942	ug/l #	36
57) 1,3-Dichloropropane	10.933	76	24	2.788	ug/l #	43
59) 2-Hexanone	10.988	43	151	59.761	ug/l #	38
60) Dibromochloromethane	11.134	129	39	7.459	ug/l #	10
61) 1,2-Dibromoethane	11.231	107	86	19.143	ug/l #	40
64) Tetrachloroethene	10.860	164	65	8.664	ug/l #	52
65) Chlorobenzene	11.664	112	448	18.855	ug/l #	85
67) Ethyl Benzene	11.737	91	537	12.346	ug/l #	85
68) m/p-Xylenes	11.847	106	384	23.095	ug/l	85
69) o-Xylene	12.170	106	107	6.883	ug/l #	1

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

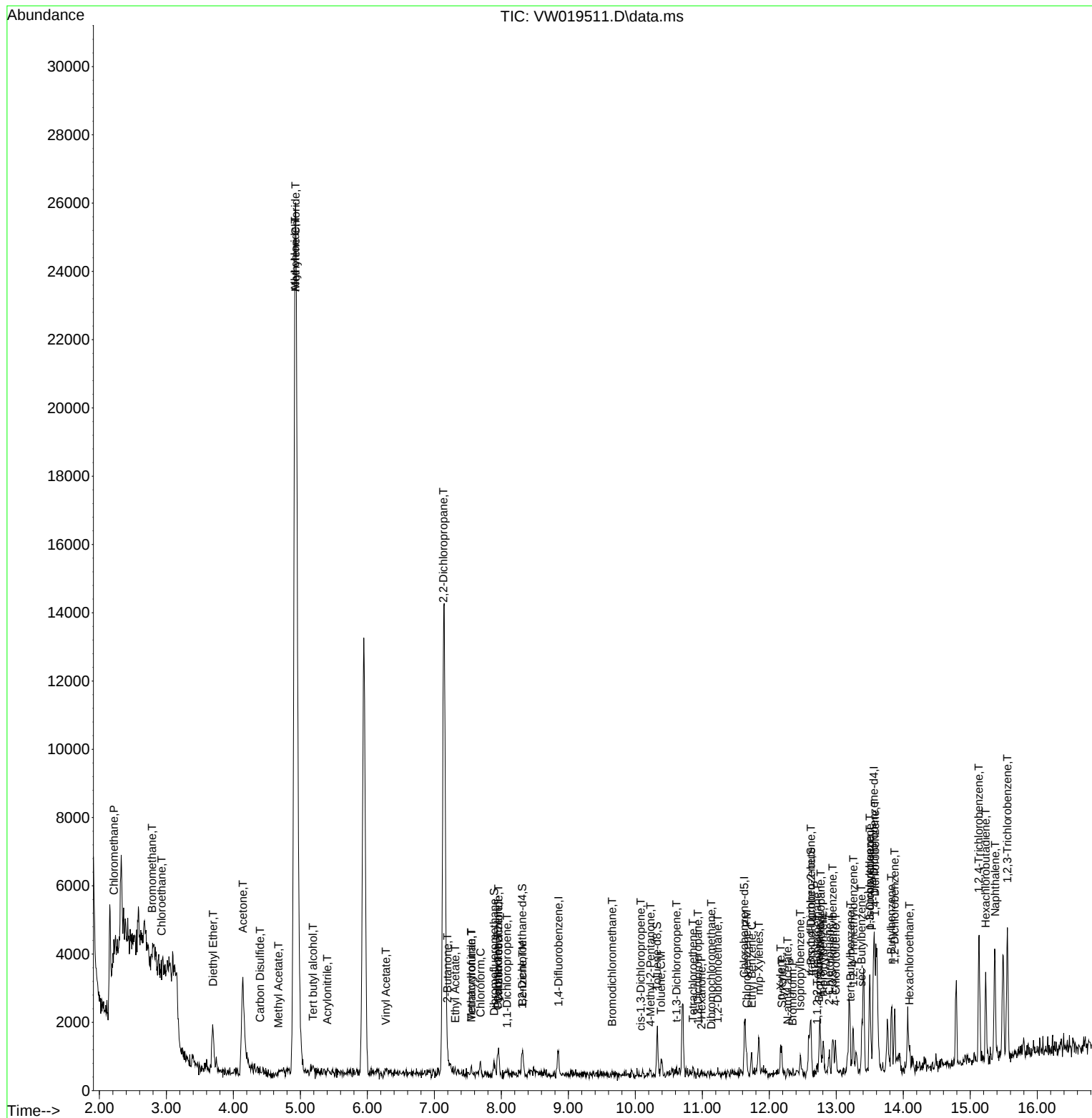
70) Styrene	12.189	104	471	17.937	ug/l #	73
71) Bromoform	12.347	173	18	4.418	ug/l #	32
73) Isopropylbenzene	12.463	105	485	5.782	ug/l #	62
74) N-amyl acetate	12.274	43	136	7.086	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.713	83	101	6.403	ug/l #	82
76) 1,2,3-Trichloropropane	12.768	75	219	20.071	ug/l #	100
77) Bromobenzene	12.743	156	247	13.063	ug/l	85
78) n-propylbenzene	12.804	91	1056	10.070	ug/l	92
79) 2-Chlorotoluene	12.896	91	604	9.796	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	667	9.325	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.621	75	294	61.408	ug/l #	12
82) 4-Chlorotoluene	12.993	91	755	11.841	ug/l	97
83) tert-Butylbenzene	13.213	119	502	8.272	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.255	105	969	13.537	ug/l	83
85) sec-Butylbenzene	13.377	105	848	9.091	ug/l	94
86) p-Isopropyltoluene	13.499	119	789	10.265	ug/l	91
87) 1,3-Dichlorobenzene	13.499	146	850	21.963	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	948	24.747	ug/l	89
89) n-Butylbenzene	13.822	91	1272	16.905	ug/l	90
90) Hexachloroethane	14.091	117	183	13.505	ug/l	67
91) 1,2-Dichlorobenzene	13.871	146	752	22.093	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	1338	58.233	ug/l	91
94) Hexachlorobutadiene	15.231	225	589	45.313	ug/l	86
95) Naphthalene	15.371	128	2867	68.129	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	1419	70.651	ug/l	91

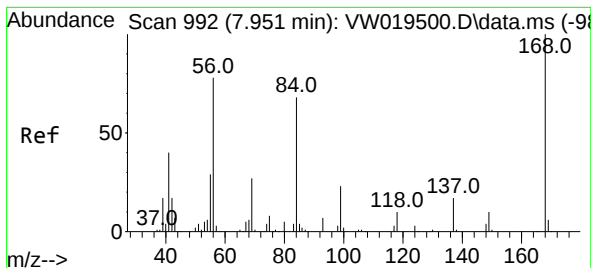
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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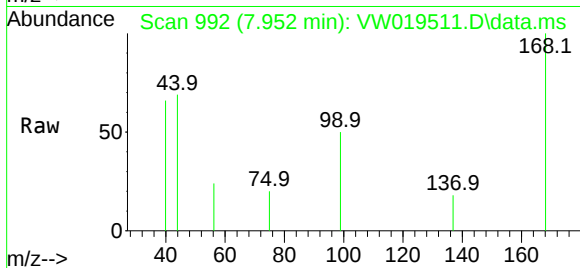
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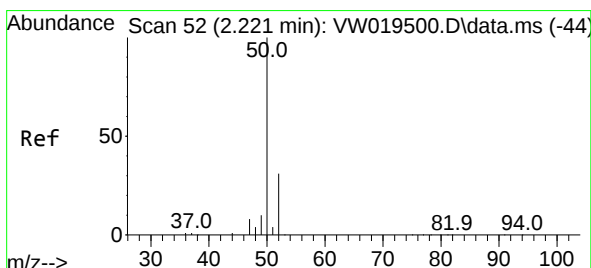
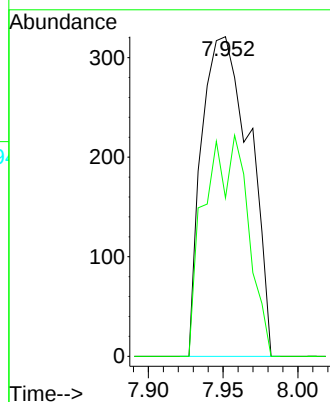
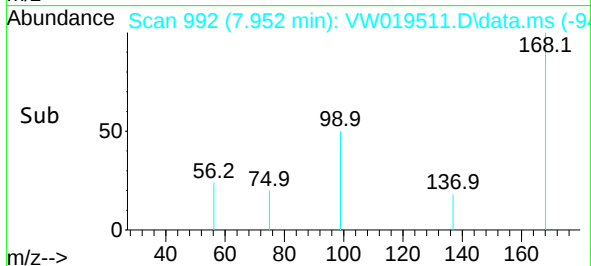


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019511.D
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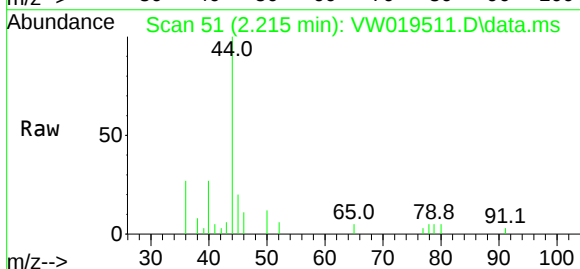
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MSVOA_W
ClientSampleId :



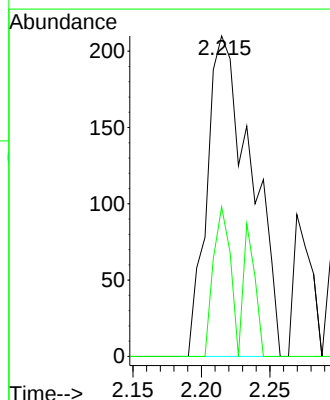
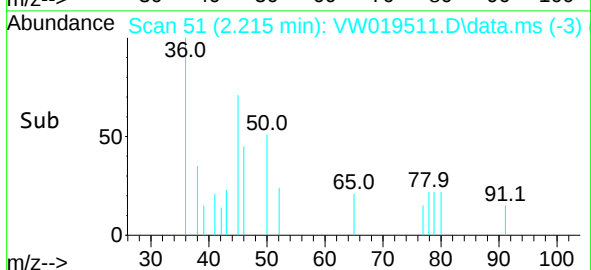
Tgt Ion:168 Resp: 711
Ion Ratio Lower Upper
168 100
99 49.5 51.9 77.9#

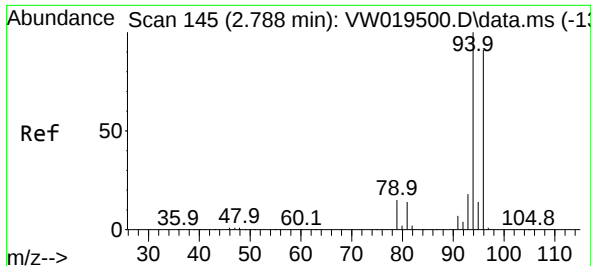


#3
Chloromethane
Concen: 76.333 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38



Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 46.7 25.0 37.4#





#5

Bromomethane

Concen: 66.624 ug/l

RT: 2.788 min Scan# 145

Delta R.T. 0.000 min

Lab File: VW019511.D

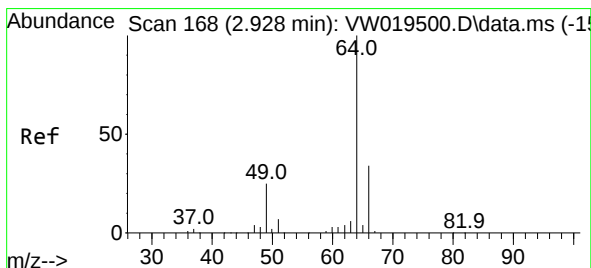
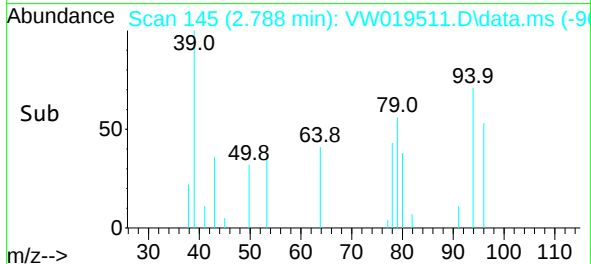
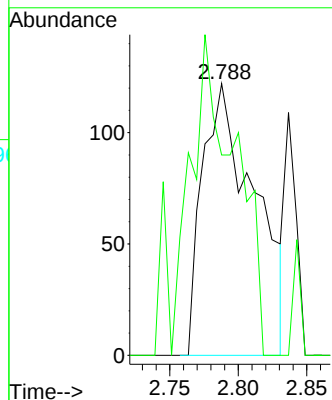
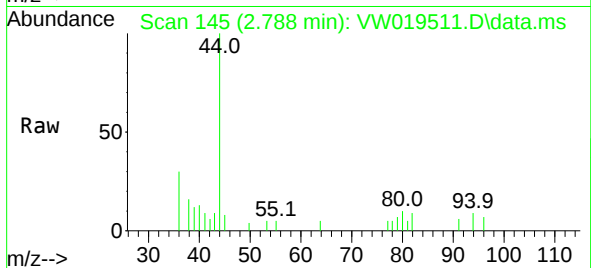
Acq: 19 Jul 2021 18:38

Tgt Ion: 94 Resp: 322

Ion Ratio Lower Upper

94 100

96 73.8 72.7 109.1



#6

Chloroethane

Concen: 9.267 ug/l

RT: 2.928 min Scan# 168

Delta R.T. 0.000 min

Lab File: VW019511.D

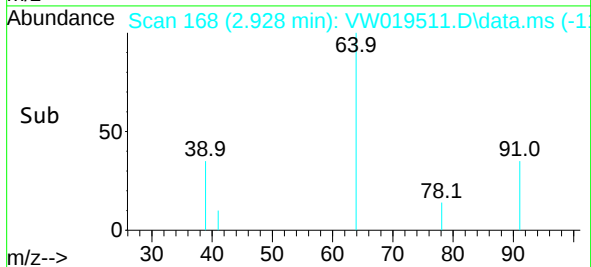
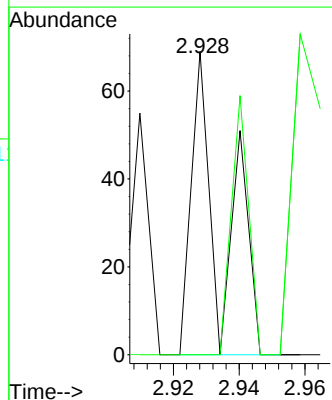
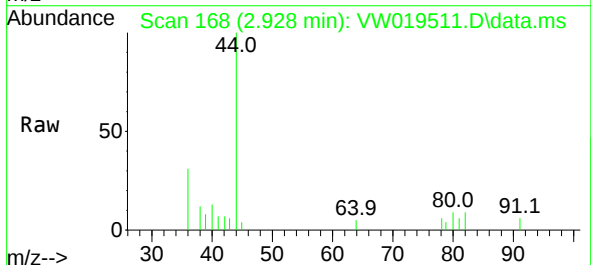
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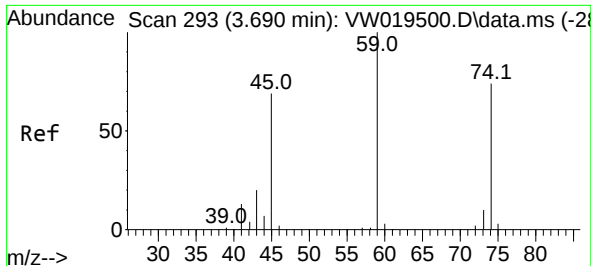
Tgt Ion: 64 Resp: 44

Ion Ratio Lower Upper

64 100

66 0.0 26.9 40.3#

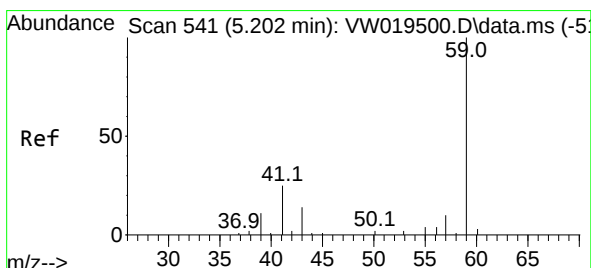
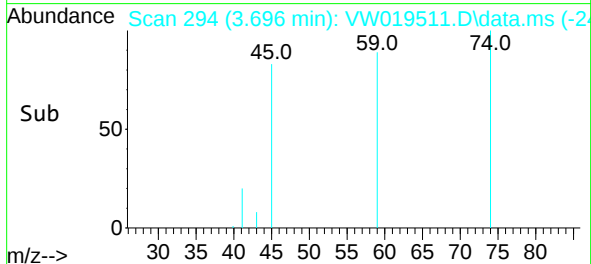
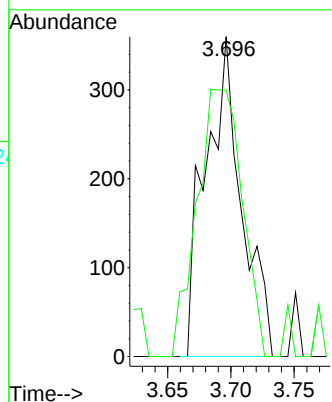
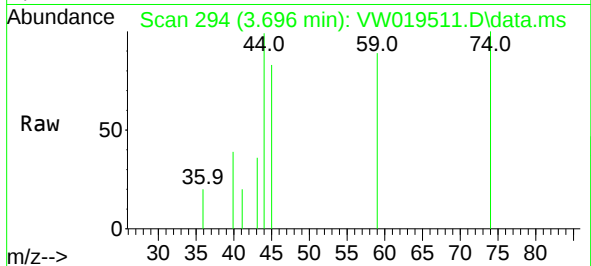




#8
Diethyl Ether
Concen: 169.877 ug/l
RT: 3.696 min Scan# 294
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

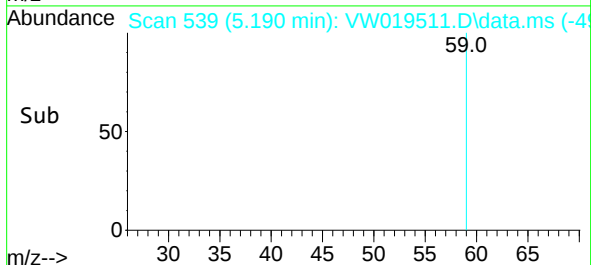
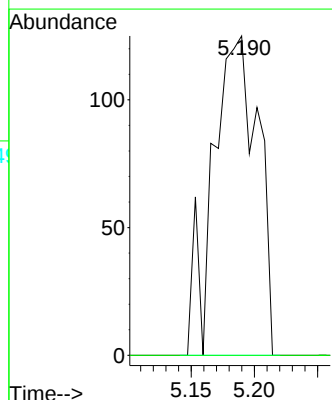
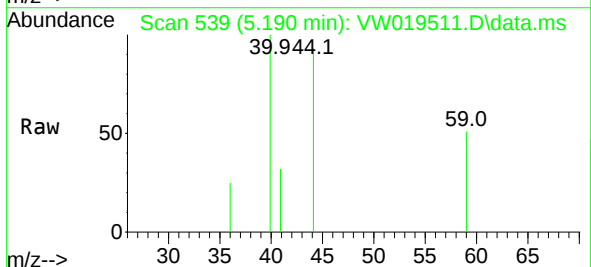
Instrument :
MSVOA_W
ClientSampled :

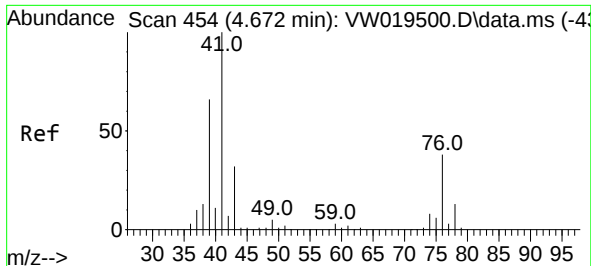
Tgt Ion: 74 Resp: 709
Ion Ratio Lower Upper
74 100
45 105.6 48.8 146.3



#11
Tert butyl alcohol
Concen: 668.507 ug/l
RT: 5.190 min Scan# 539
Delta R.T. -0.012 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

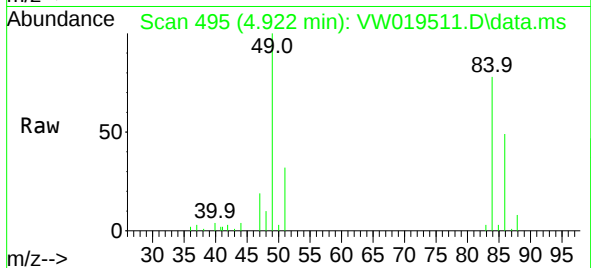
Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



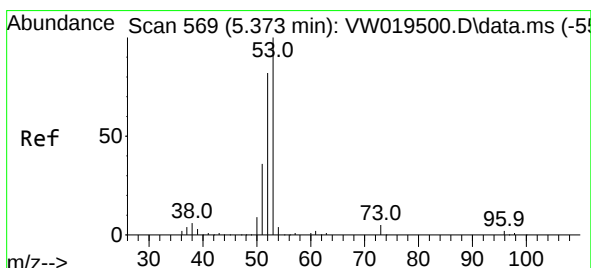
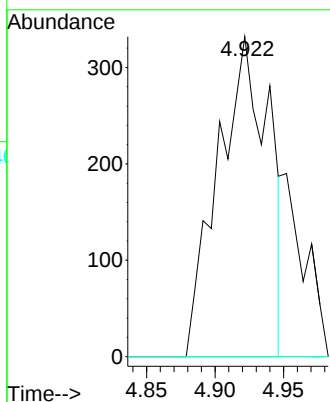
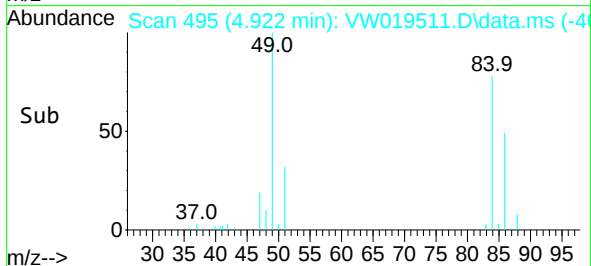


#14
 Allyl chloride
 Concen: 76.173 ug/l
 RT: 4.922 min Scan# 495
 Delta R.T. 0.250 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

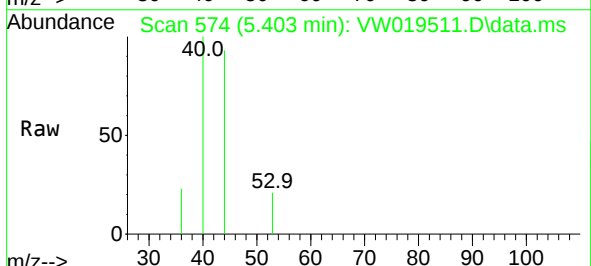
Instrument :
 MSVOA_W
 ClientSampled :



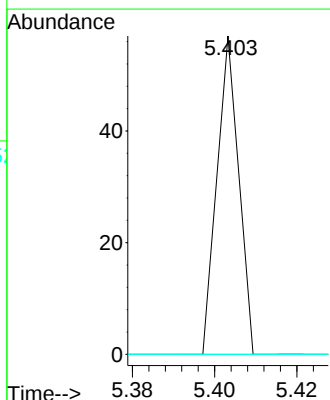
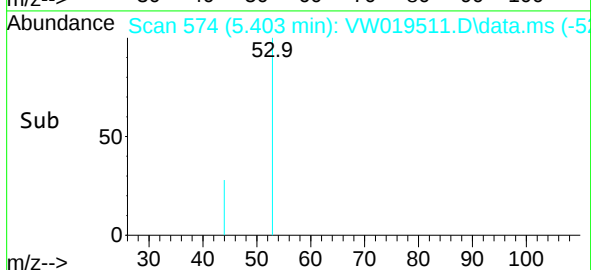
Tgt Ion: 41 Resp: 855
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.2 78.2#
 76 0.0 30.1 45.1#

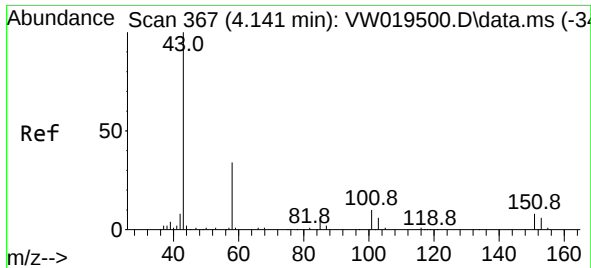


#15
 Acrylonitrile
 Concen: 11.790 ug/l
 RT: 5.403 min Scan# 574
 Delta R.T. 0.031 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38



Tgt Ion: 53 Resp: 21
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.9 98.9#
 51 0.0 29.2 43.8#

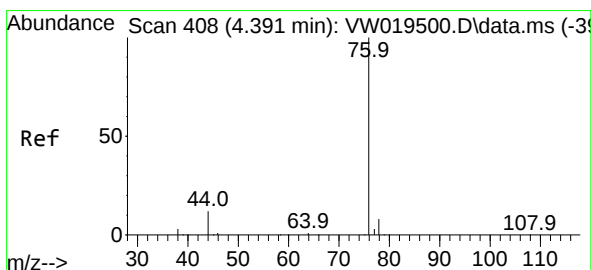
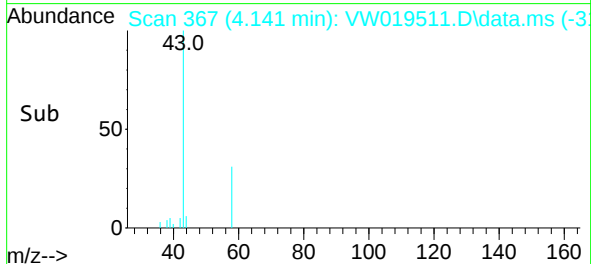
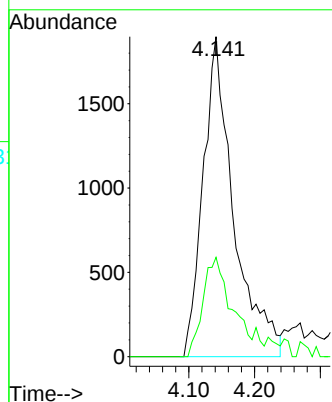
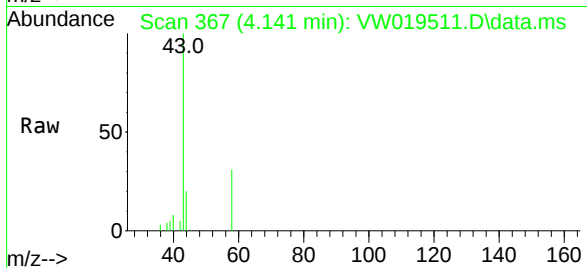




#16
Acetone
Concen: 4758.345 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

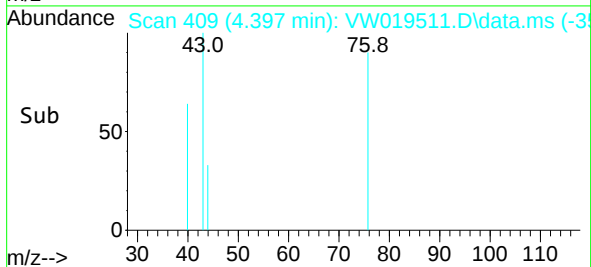
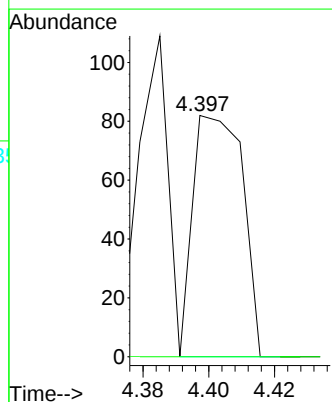
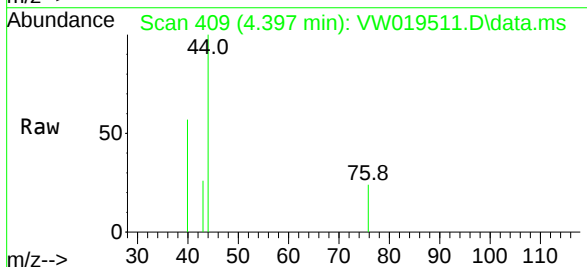
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MSVOA_W
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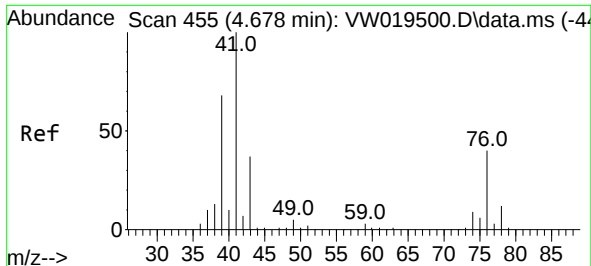
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Ion Ratio Lower Upper
43 100
58 31.0 27.2 40.8



#17
Carbon Disulfide
Concen: 3.847 ug/l
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

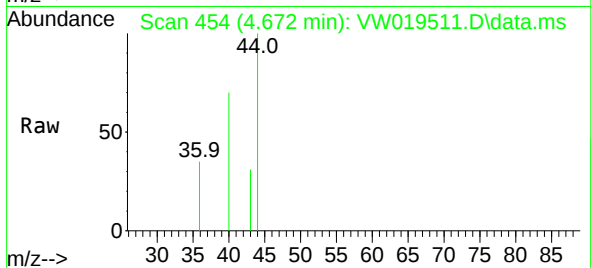
Tgt Ion: 76 Resp: 86
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



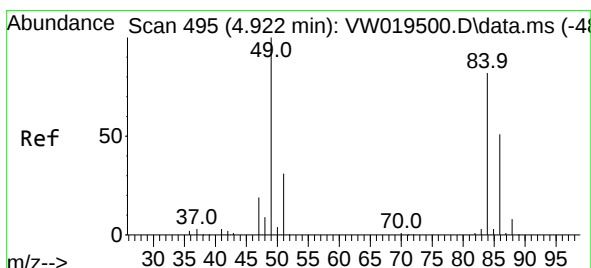
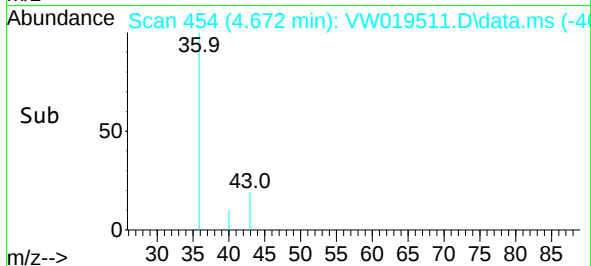
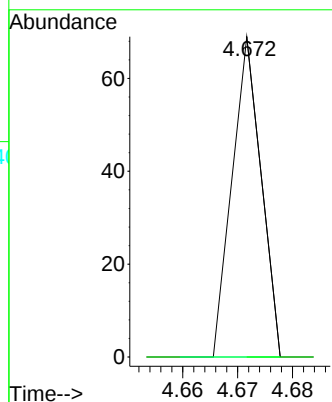


#18
Methyl Acetate
Concen: 5.822 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

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MSVOA_W
ClientSampled :

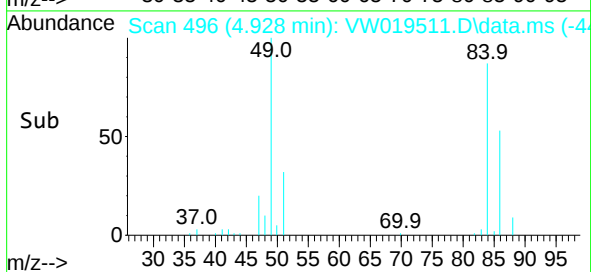
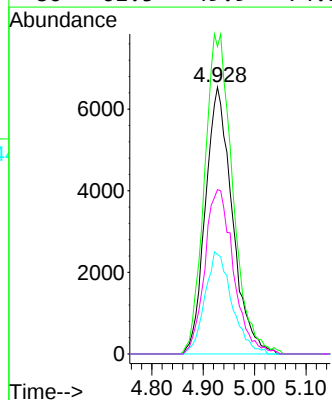
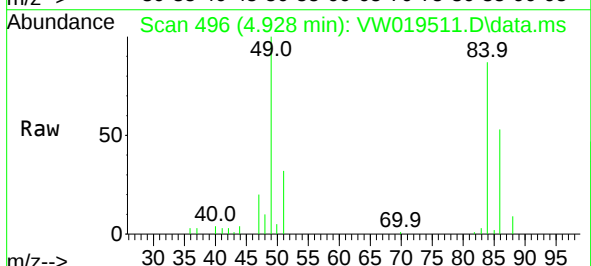


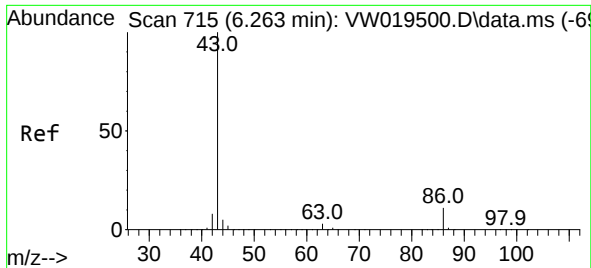
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 3079.569 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 84 Resp: 23786
Ion Ratio Lower Upper
84 100
49 115.2 97.2 145.8
51 37.3 30.1 45.1
86 61.5 49.9 74.9

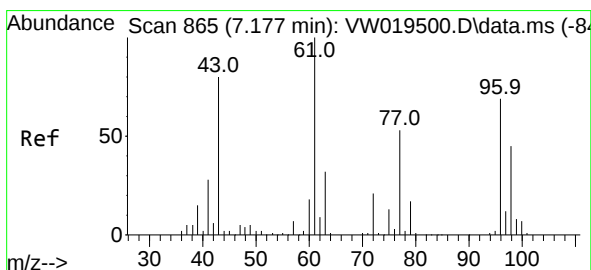
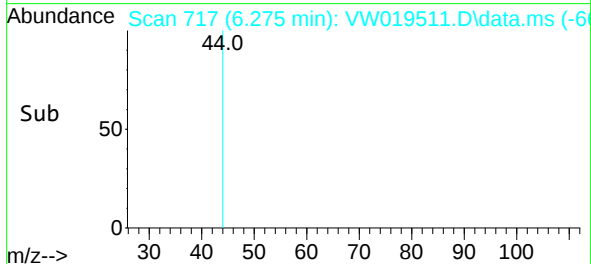
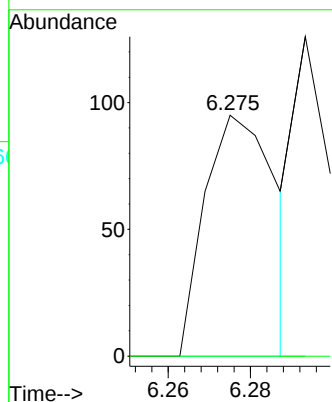
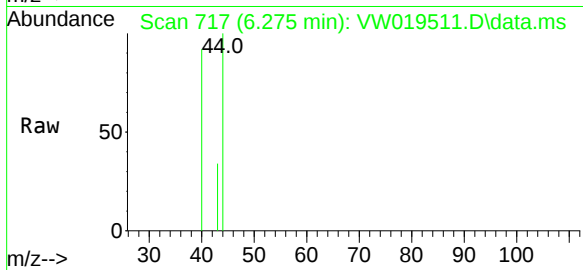




#23
 Vinyl Acetate
 Concen: 7.906 ug/l
 RT: 6.275 min Scan# 717
 Delta R.T. 0.012 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

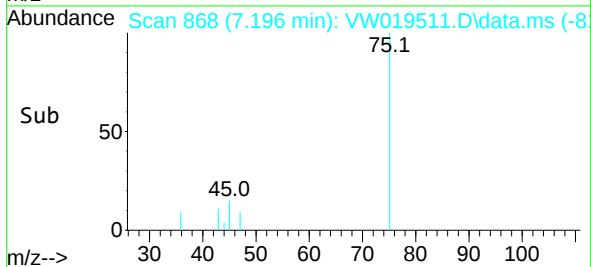
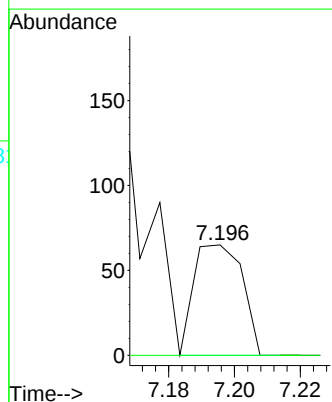
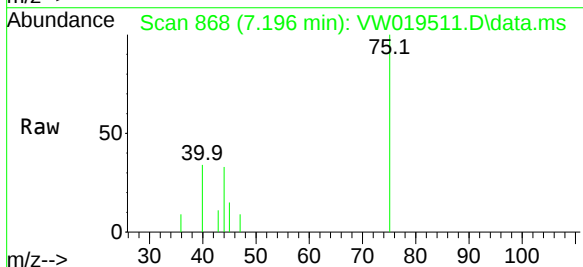
Instrument :
 MSVOA_W
 ClientSampled :

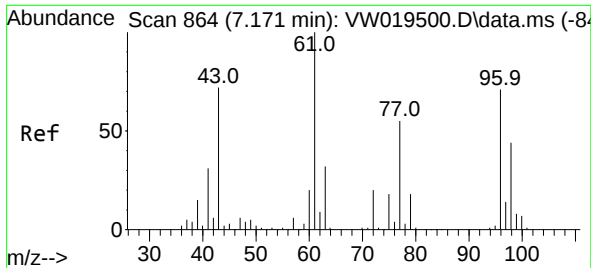
Tgt Ion: 43 Resp: 114
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.1 13.7#



#25
 2-Butanone
 Concen: 30.121 ug/l
 RT: 7.196 min Scan# 868
 Delta R.T. 0.018 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.4 32.0#

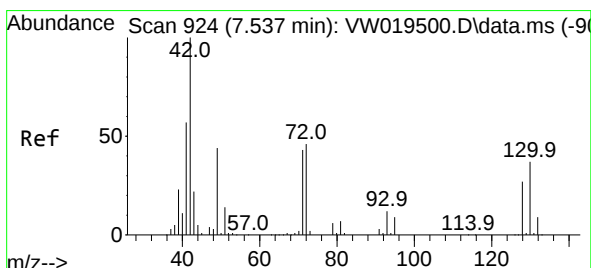
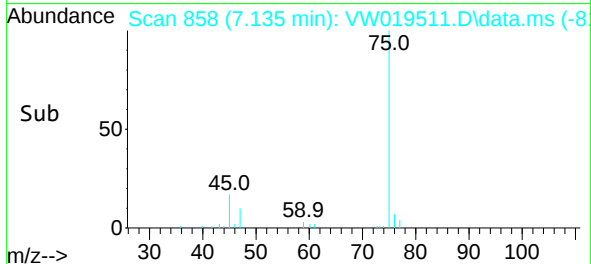
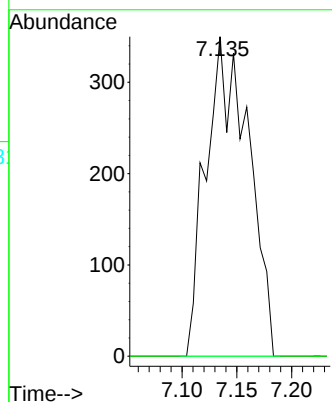
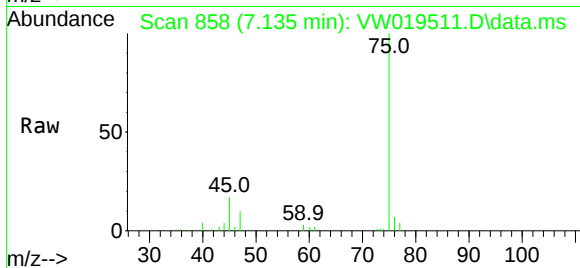




#26
2,2-Dichloropropane
Concen: 110.425 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.036 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

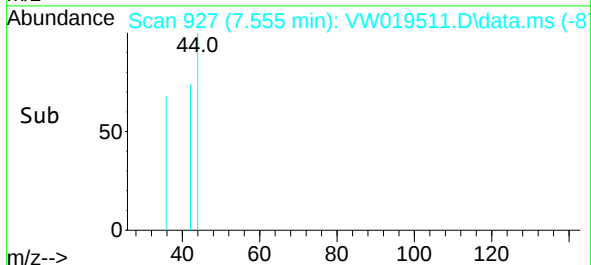
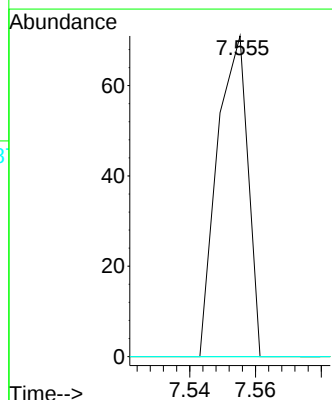
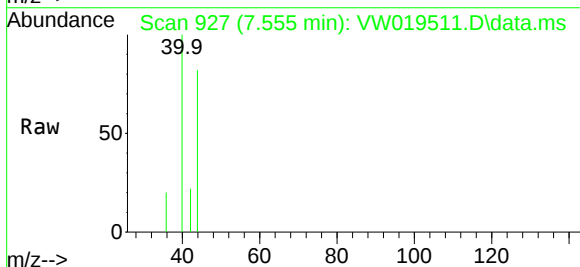
Instrument :
MSVOA_W
ClientSampleId :

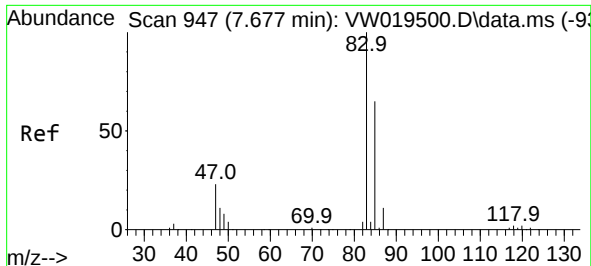
Tgt Ion: 77 Resp: 943
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 31.129 ug/l
RT: 7.555 min Scan# 927
Delta R.T. 0.018 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
72 0.0 35.8 53.8#
71 0.0 33.4 50.2#

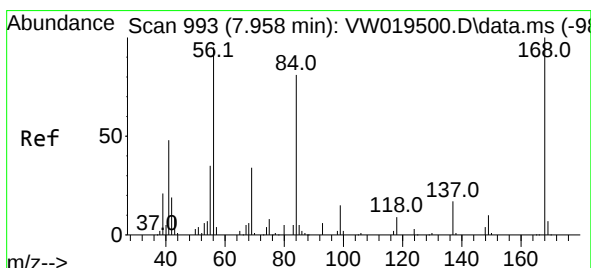
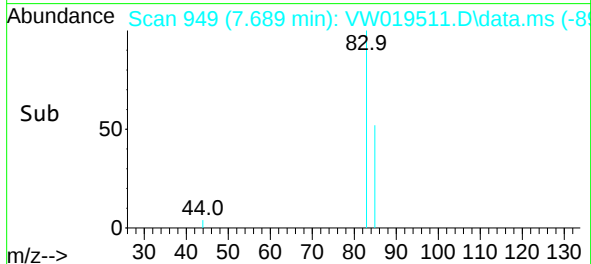
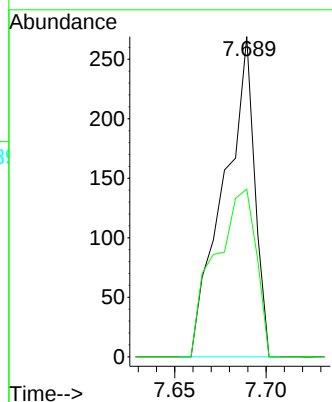
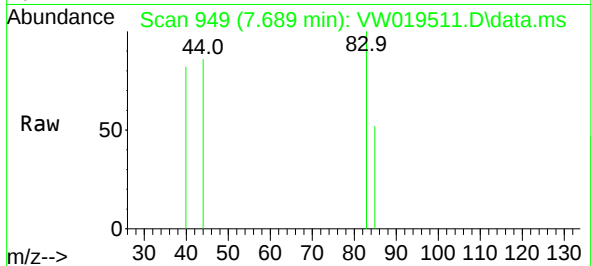




#30
Chloroform
Concen: 20.096 ug/l
RT: 7.689 min Scan# 949
Delta R.T. 0.012 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

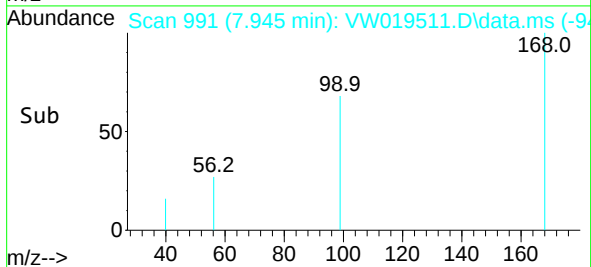
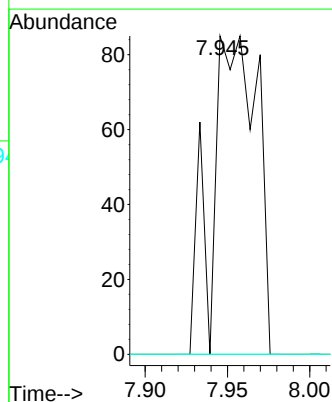
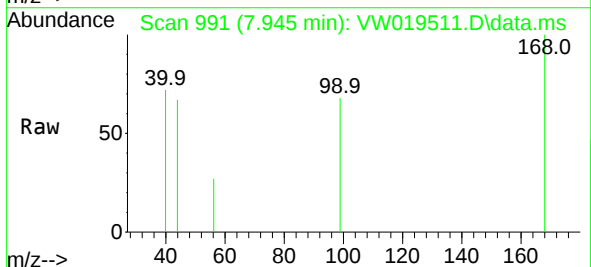
Instrument :
MSVOA_W
ClientSampled :

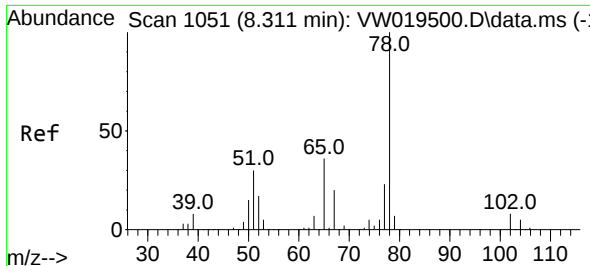
Tgt Ion: 83 Resp: 315
Ion Ratio Lower Upper
83 100
85 52.4 52.1 78.1



#31
Cyclohexane
Concen: 10.977 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
69 0.0 28.3 42.5#
84 0.0 68.1 102.1#

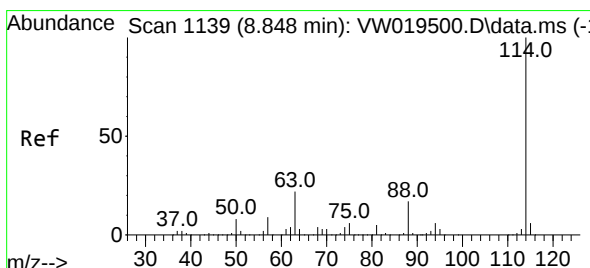
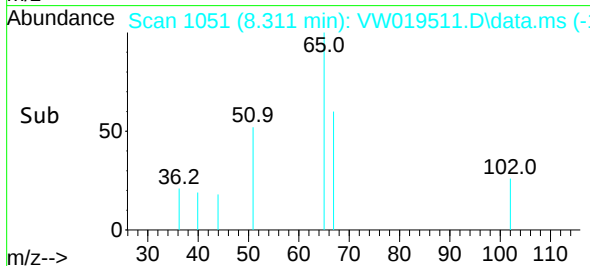
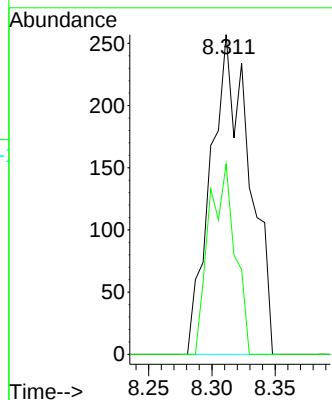
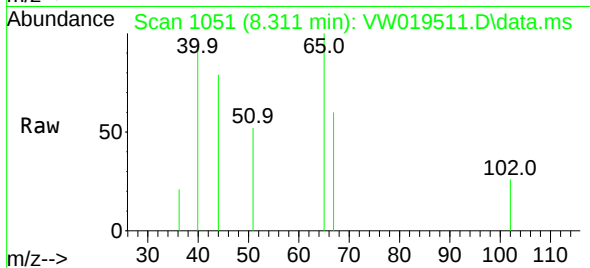




#33
1,2-Dichloroethane-d4
Concen: 82.626 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

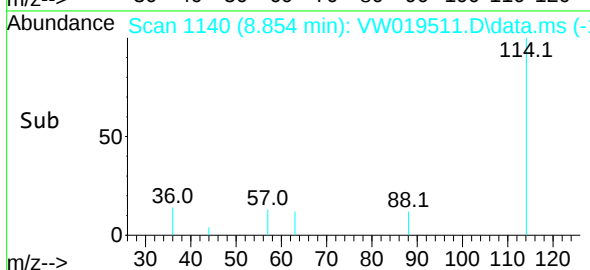
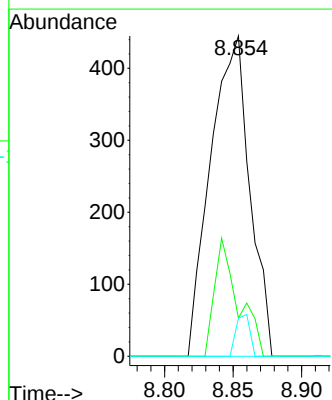
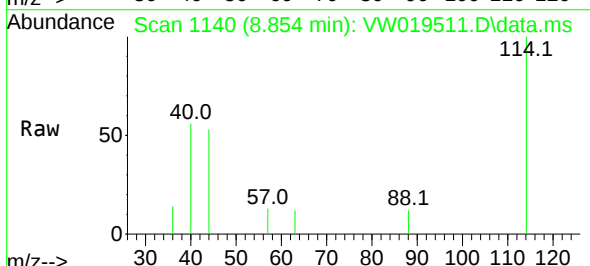
Instrument :
MSVOA_W
ClientSampleId :

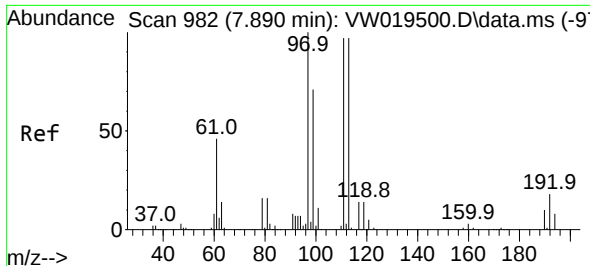
Tgt Ion: 65 Resp: 548
Ion Ratio Lower Upper
65 100
67 40.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.854 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 114 Resp: 884
Ion Ratio Lower Upper
114 100
63 11.9 0.0 43.8
88 11.9 0.0 33.4

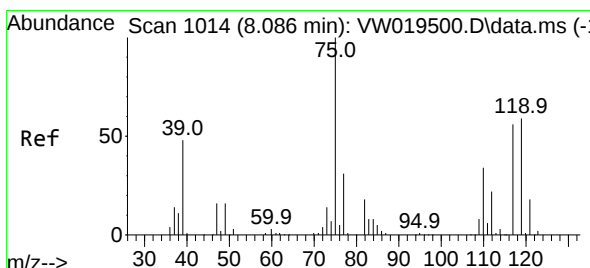
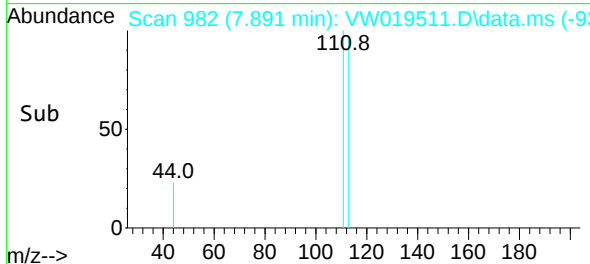
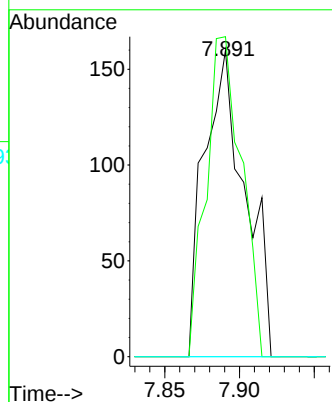
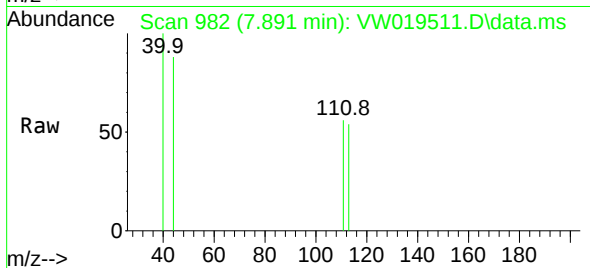




#35
Dibromofluoromethane
Concen: 56.287 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

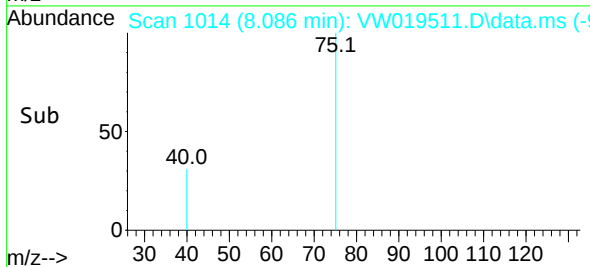
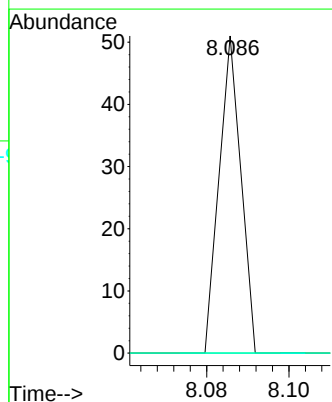
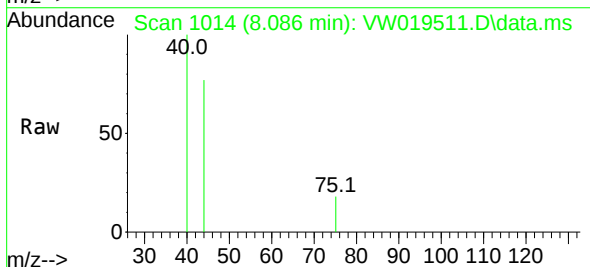
Instrument :
MSVOA_W
ClientSampleId :

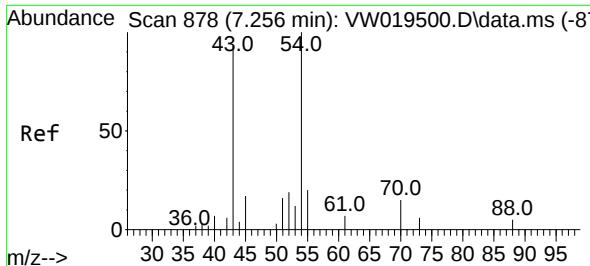
Tgt Ion:113 Resp: 304
Ion Ratio Lower Upper
113 100
111 90.5 83.8 125.6
192 0.0 15.4 23.2#



#36
1,1-Dichloropropene
Concen: 2.016 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

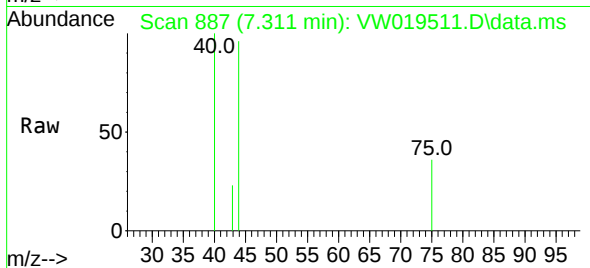
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
110 0.0 16.6 49.7#
77 0.0 25.1 37.7#



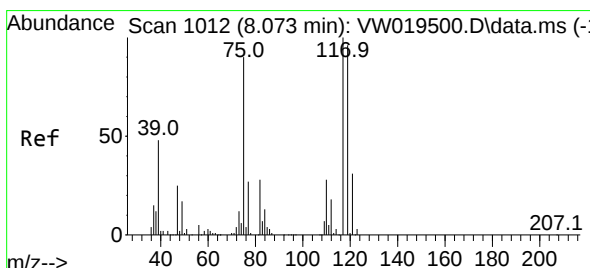
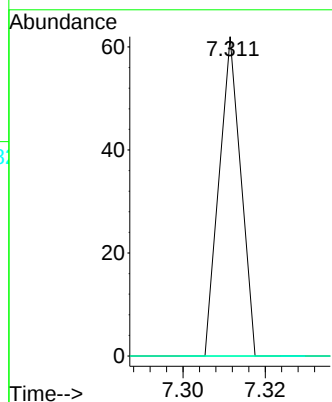
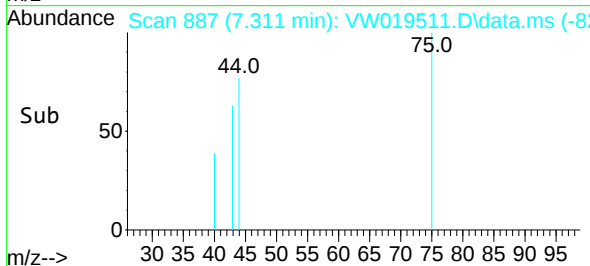


#37
Ethyl Acetate
Concen: 5.823 ug/l
RT: 7.311 min Scan# 887
Delta R.T. 0.055 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

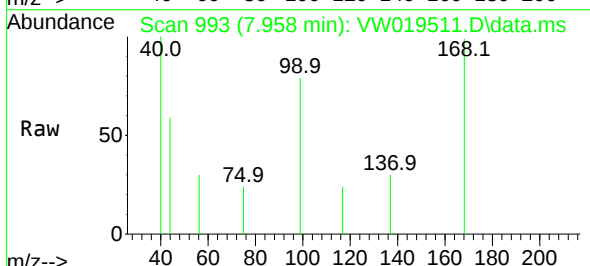
Instrument :
MSVOA_W
ClientSampleId :



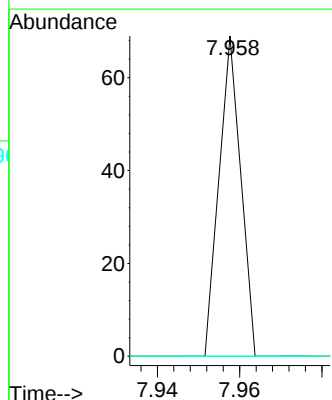
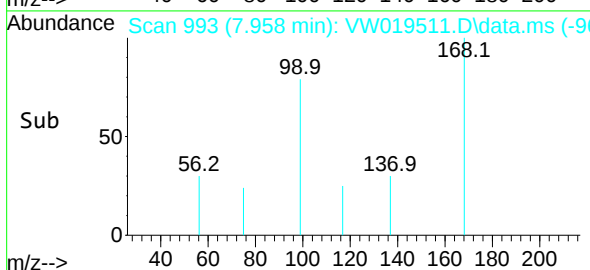
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.4 14.0#

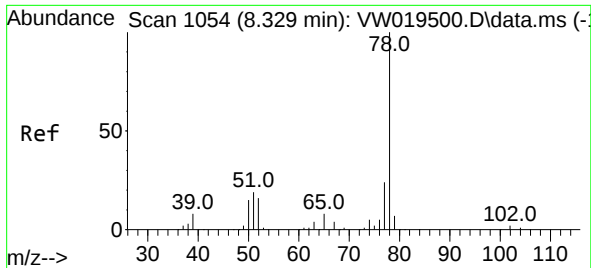


#38
Carbon Tetrachloride
Concen: 3.037 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.116 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38



Tgt Ion: 117 Resp: 25
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 24.8 37.2#

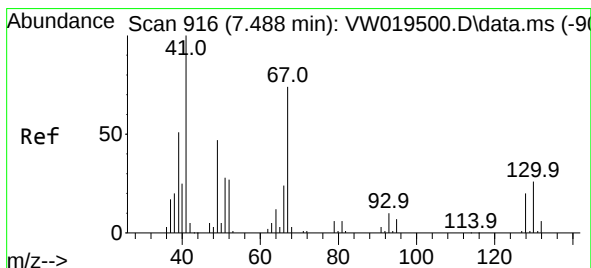
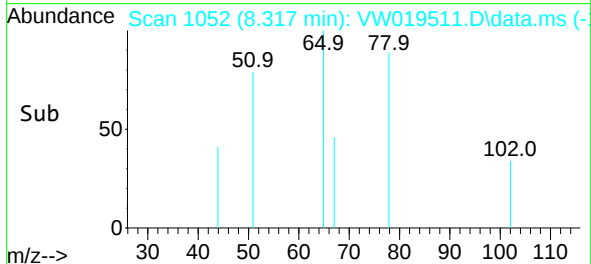
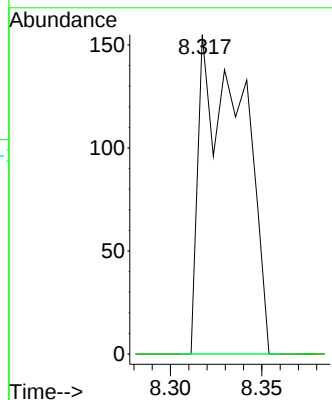
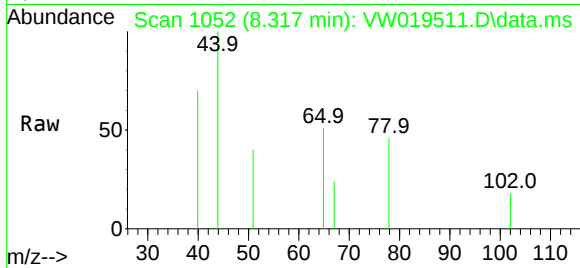




#40
Benzene
Concen: 9.820 ug/l
RT: 8.317 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

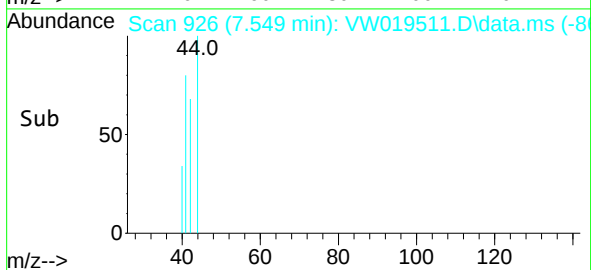
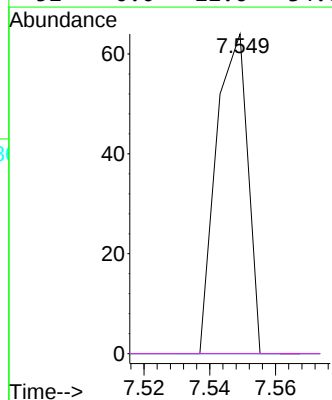
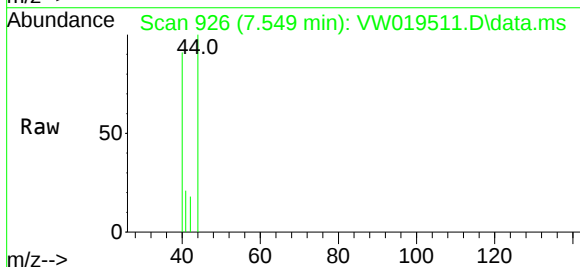
Instrument :
MSVOA_W
ClientSampled :

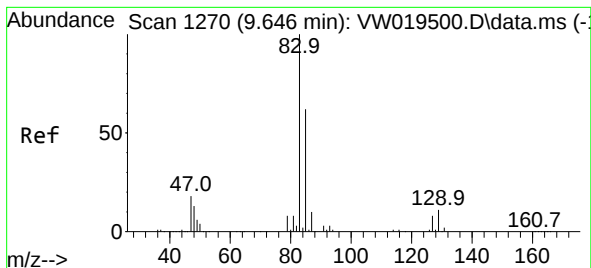
Tgt Ion: 78 Resp: 259
Ion Ratio Lower Upper
78 100
77 0.0 19.2 28.8#



#41
Methacrylonitrile
Concen: 18.730 ug/l
RT: 7.549 min Scan# 926
Delta R.T. 0.061 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
39 0.0 41.6 62.4#
67 0.0 55.3 82.9#
52 0.0 22.6 34.0#





#47

Bromodichloromethane

Concen: 5.302 ug/l

RT: 9.652 min Scan# 1271

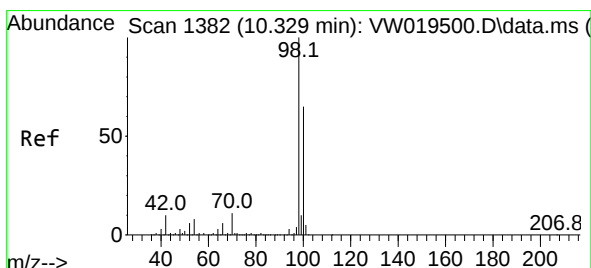
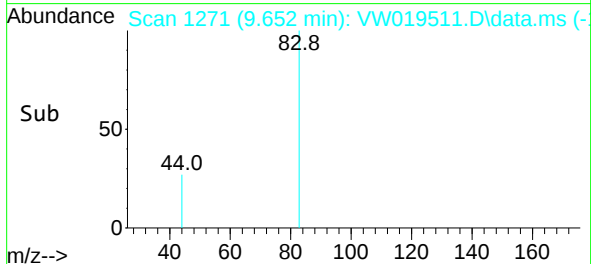
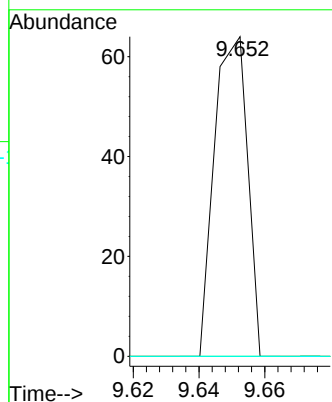
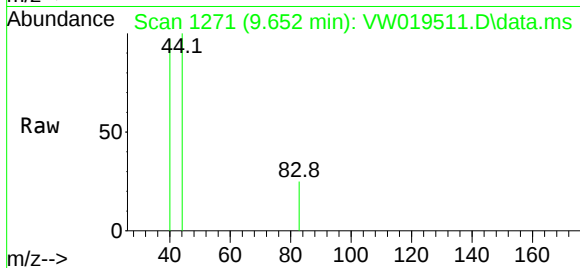
Delta R.T. 0.006 min

Lab File: VW019511.D

Acq: 19 Jul 2021 18:38

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 83	Resp:	45
Ion Ratio	Lower	Upper
83	100	
85	0.0	49.9 74.9#
127	0.0	6.2 9.4#



#50

Toluene-d8

Concen: 48.109 ug/l

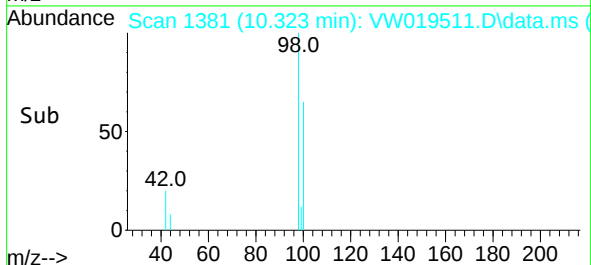
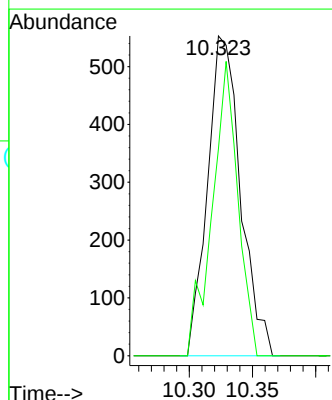
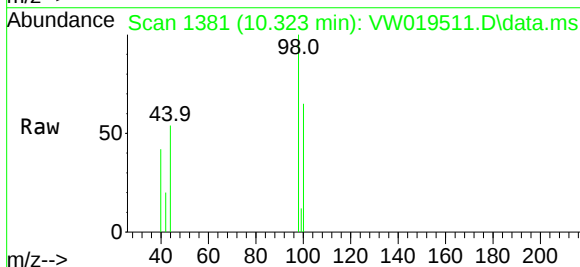
RT: 10.323 min Scan# 1381

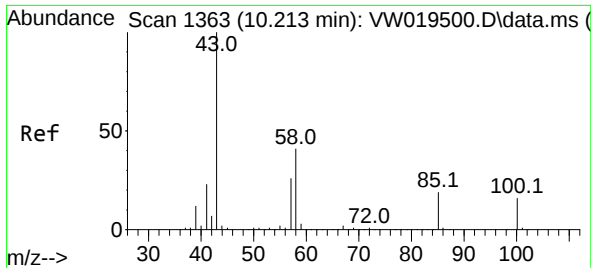
Delta R.T. -0.006 min

Lab File: VW019511.D

Acq: 19 Jul 2021 18:38

Tgt Ion: 98	Resp:	1006
Ion Ratio	Lower	Upper
98	100	
100	71.5	52.2 78.4

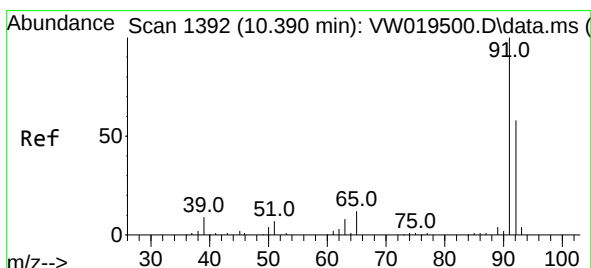
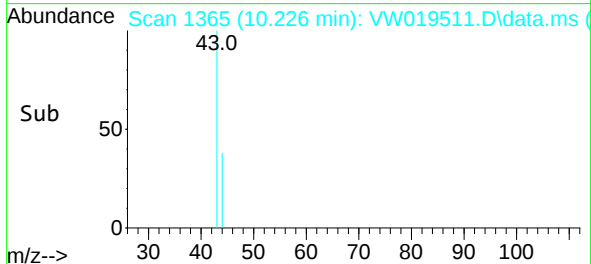
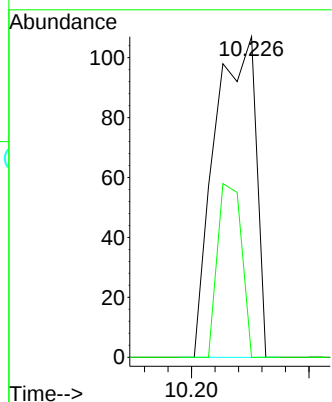
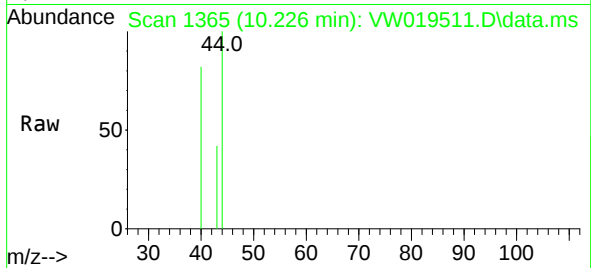




#51
4-Methyl-2-Pentanone
Concen: 34.135 ug/l
RT: 10.226 min Scan# 1365
Delta R.T. 0.012 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

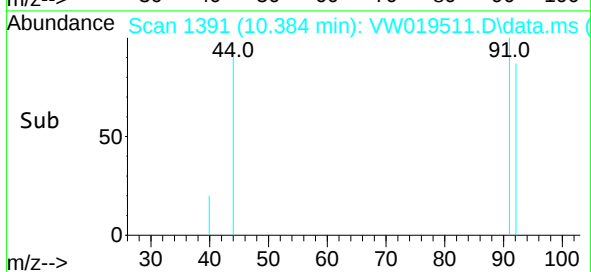
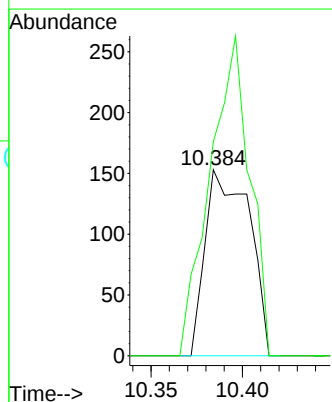
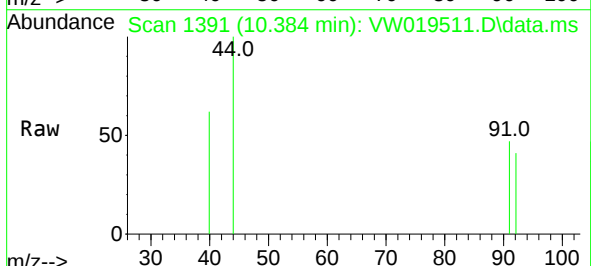
Instrument :
MSVOA_W
ClientSampled :

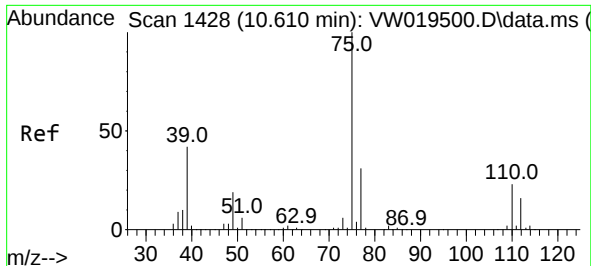
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 31.5 33.4 50.0#



#52
Toluene
Concen: 15.636 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 92 Resp: 256
Ion Ratio Lower Upper
92 100
91 155.5 139.3 208.9

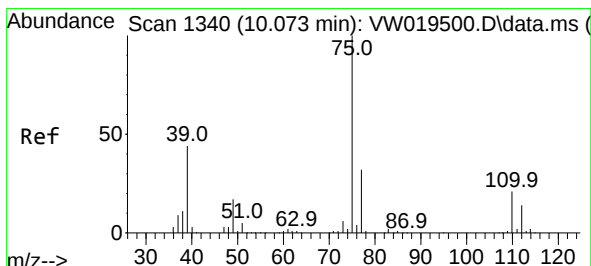
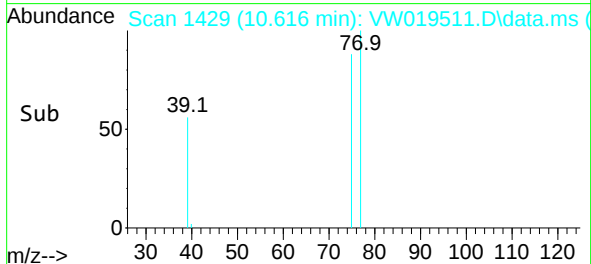
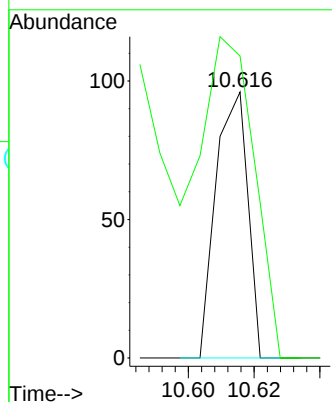
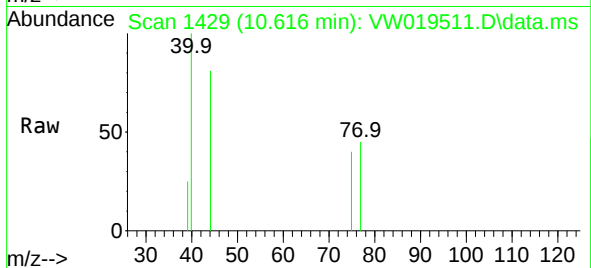




#53
t-1,3-Dichloropropene
Concen: 7.393 ug/l
RT: 10.616 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

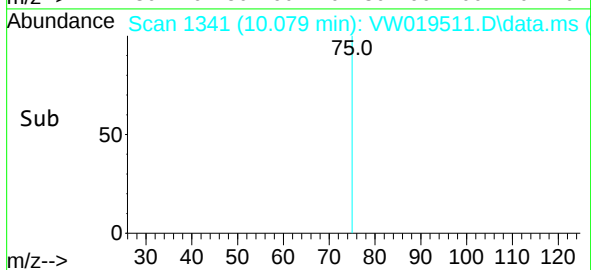
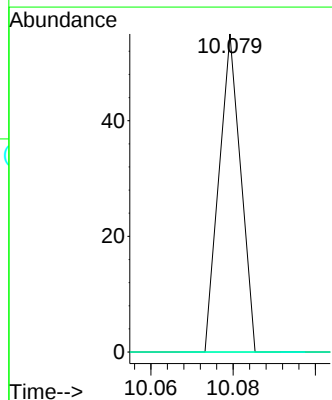
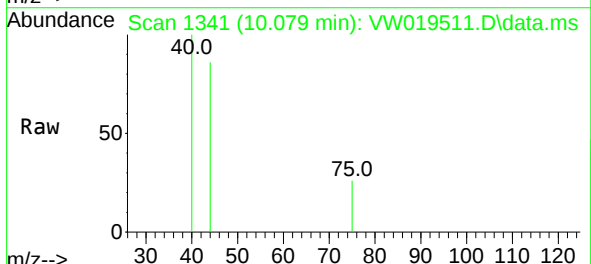
Instrument :
MSVOA_W
ClientSampled :

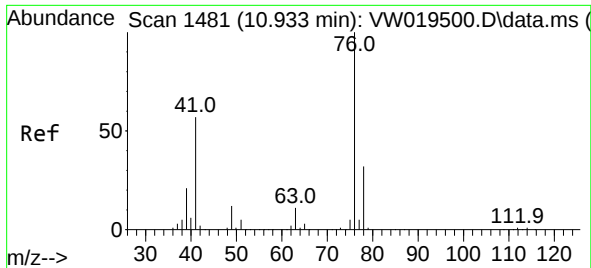
Tgt Ion: 75 Resp: 64
Ion Ratio Lower Upper
75 100
77 113.5 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 1.942 ug/l
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 35.3 52.9#

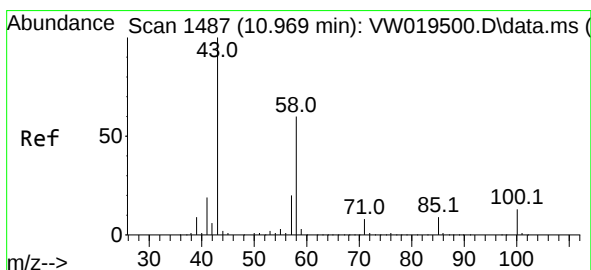
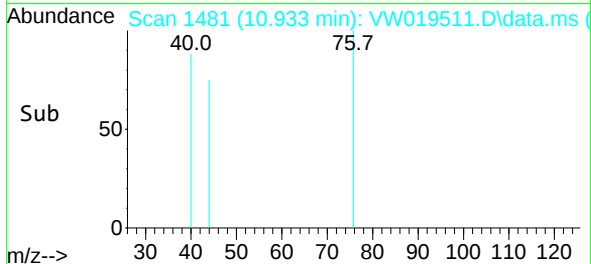
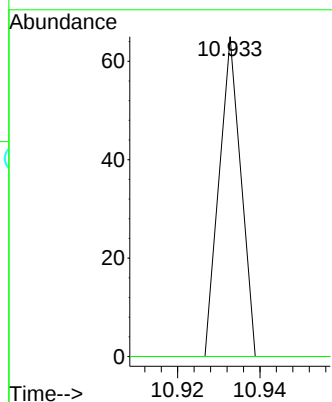
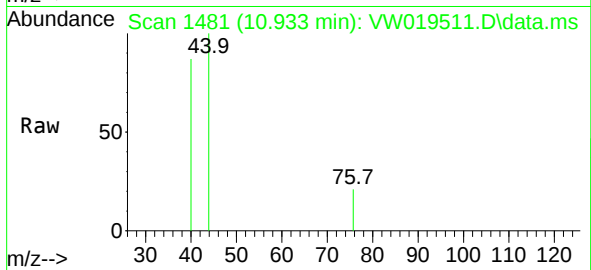




#57
1,3-Dichloropropane
Concen: 2.788 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

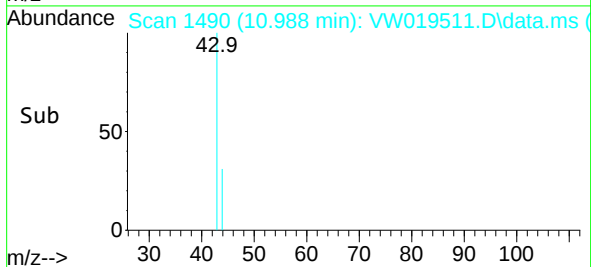
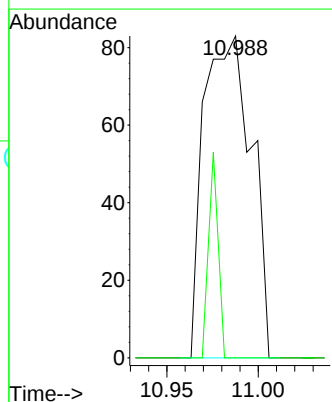
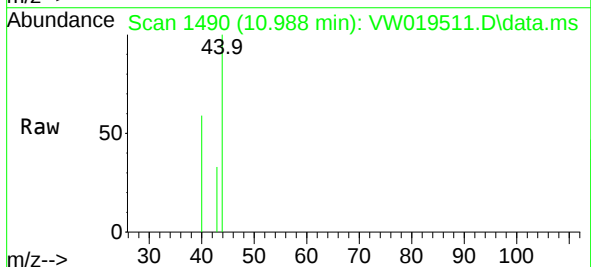
Instrument :
MSVOA_W
ClientSampled :

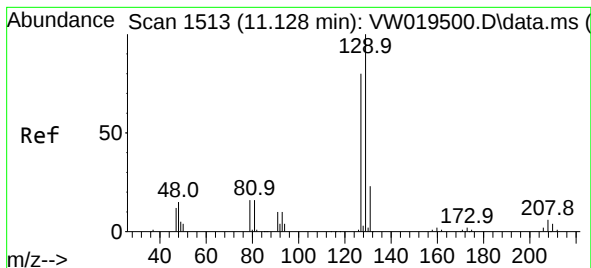
Tgt Ion: 76 Resp: 24
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 59.761 ug/l
RT: 10.988 min Scan# 1490
Delta R.T. 0.018 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 12.6 29.3 87.8#

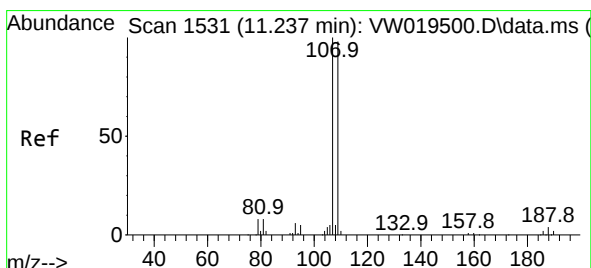
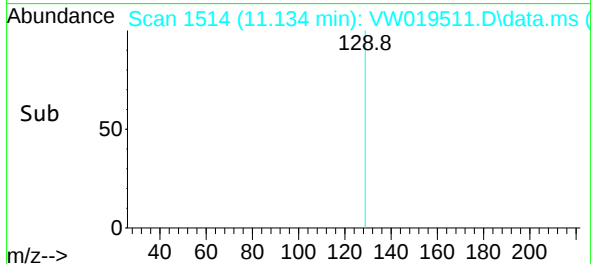
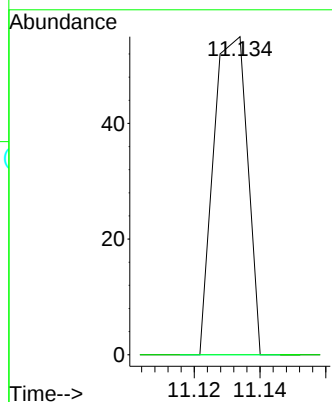
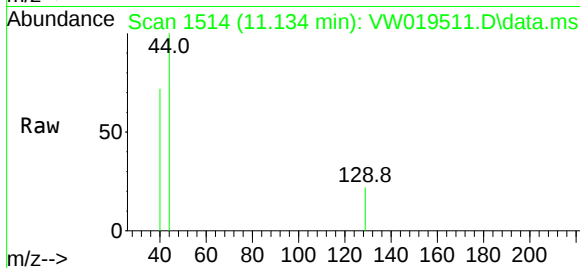




#60
Dibromochloromethane
Concen: 7.459 ug/l
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

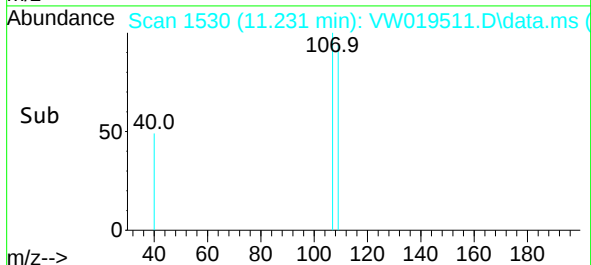
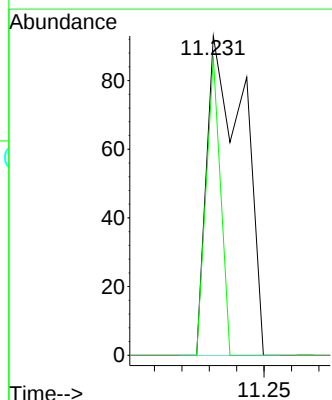
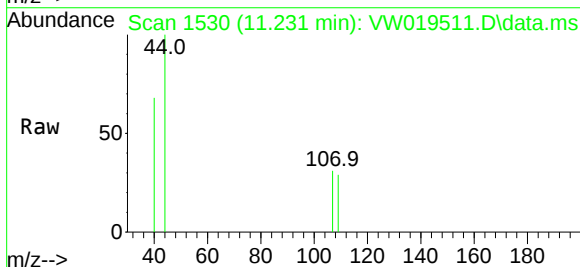
Instrument :
MSVOA_W
ClientSampleId :

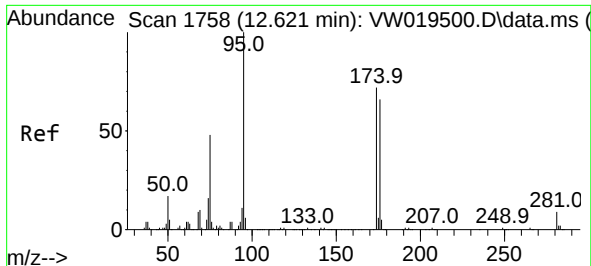
Tgt Ion:129 Resp: 39
Ion Ratio Lower Upper
129 100
127 0.0 39.8 119.4#



#61
1,2-Dibromoethane
Concen: 19.143 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:107 Resp: 86
Ion Ratio Lower Upper
107 100
109 37.2 76.6 114.8#

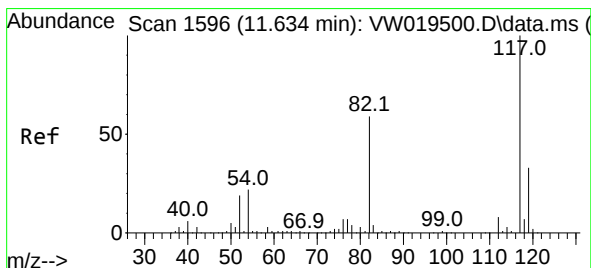
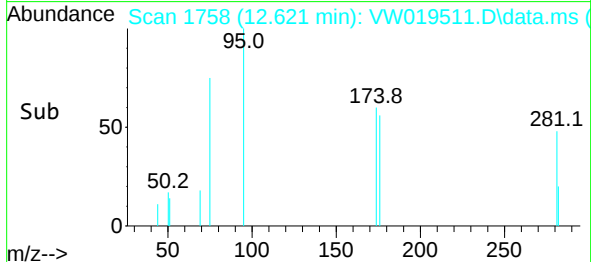
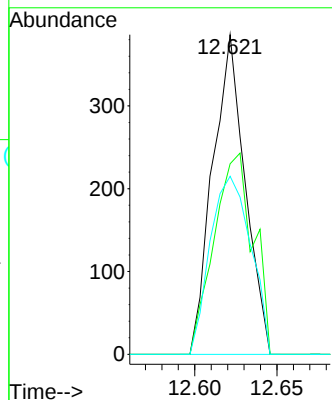
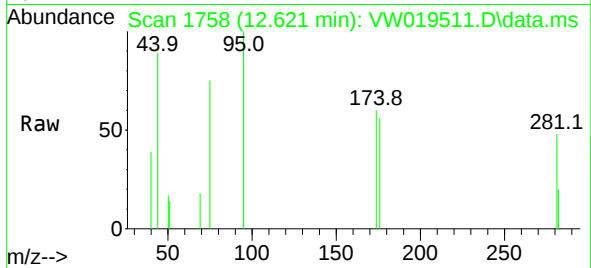




#62
4-Bromofluorobenzene
Concen: 67.442 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

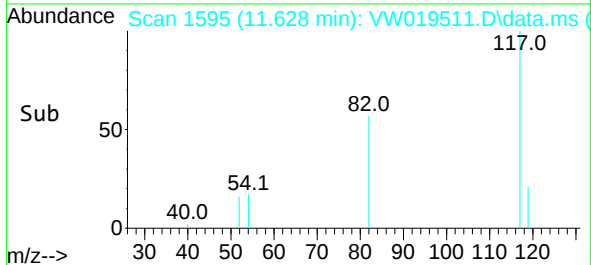
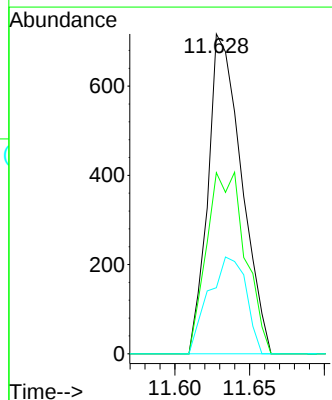
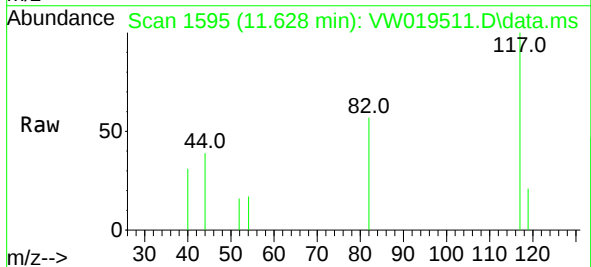
Instrument :
MSVOA_W
ClientSampleId :

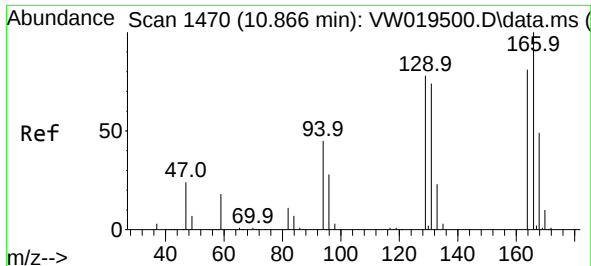
Tgt Ion: 95 Resp: 529
Ion Ratio Lower Upper
95 100
174 76.0 0.0 146.6
176 69.8 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 117 Resp: 1117
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.0
119 20.6 26.6 39.8#

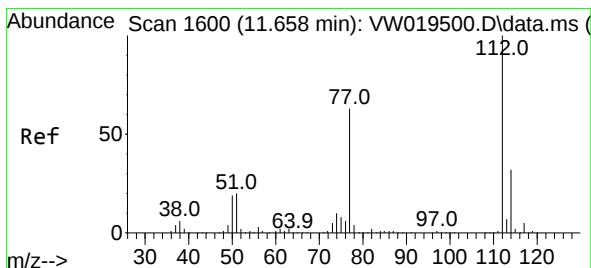
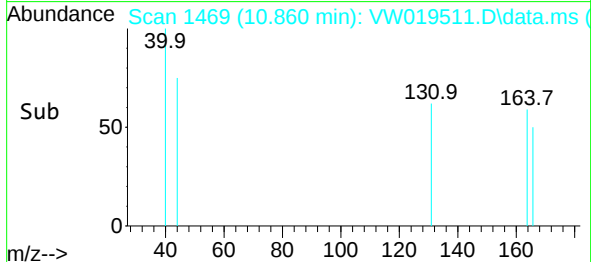
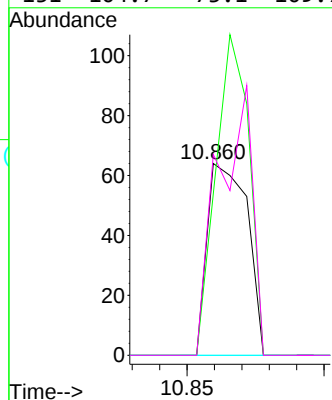
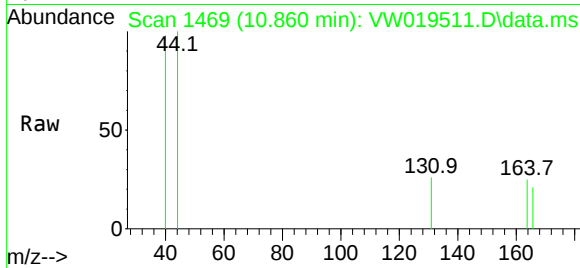




#64
Tetrachloroethene
Concen: 8.664 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

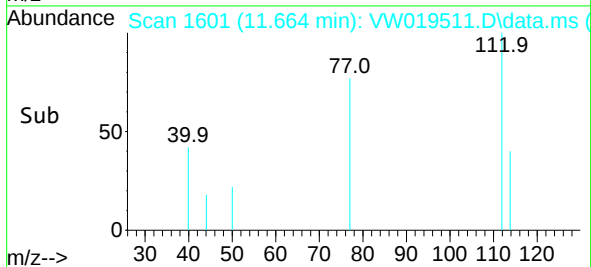
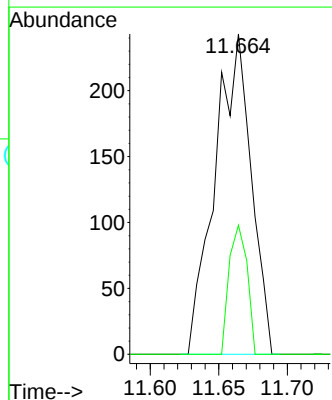
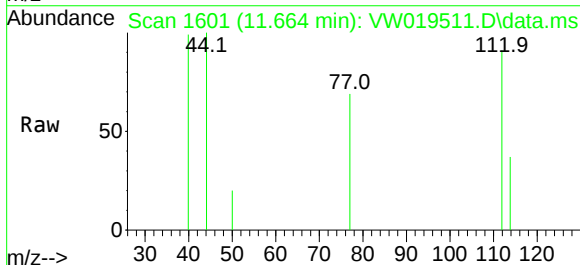
Instrument :
MSVOA_W
ClientSampleId :

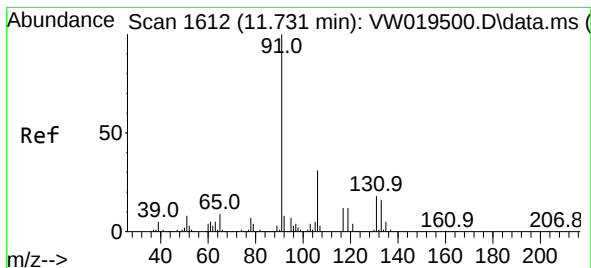
Tgt Ion:164 Resp: 65
Ion Ratio Lower Upper
164 100
166 84.4 98.5 147.7#
129 0.0 76.3 114.5#
131 104.7 73.1 109.7



#65
Chlorobenzene
Concen: 18.855 ug/l
RT: 11.664 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:112 Resp: 448
Ion Ratio Lower Upper
112 100
114 40.3 25.6 38.4#

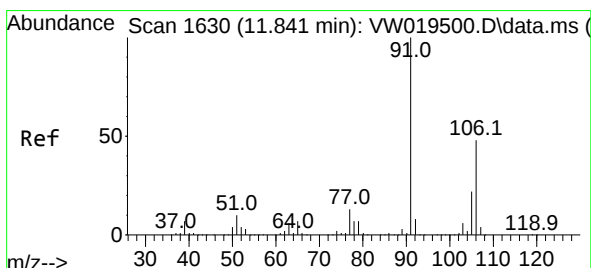
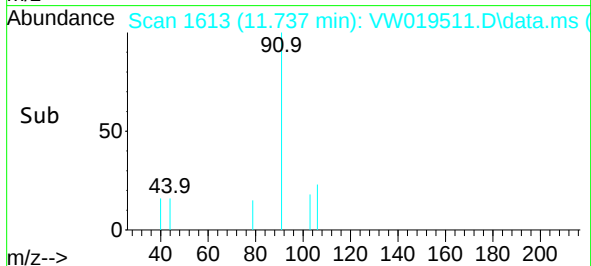
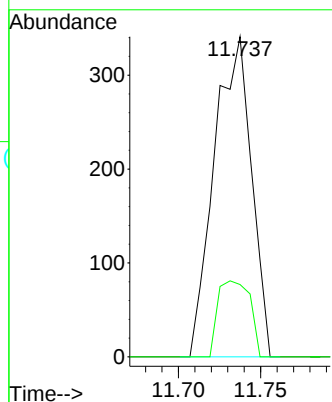
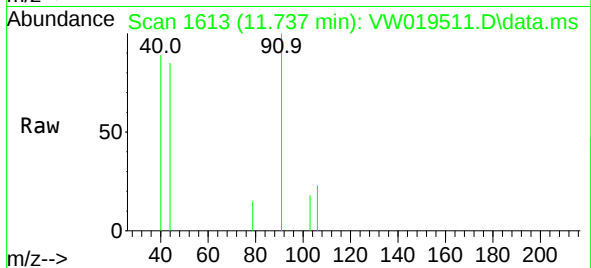




#67
Ethyl Benzene
Concen: 12.346 ug/l
RT: 11.737 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

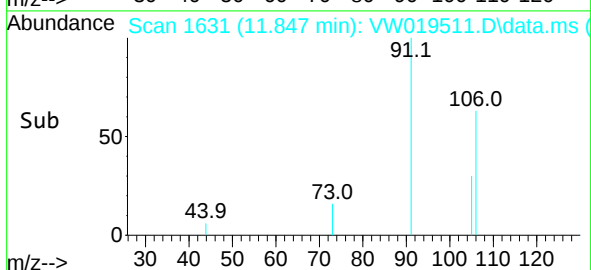
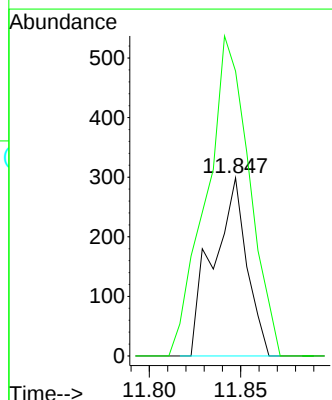
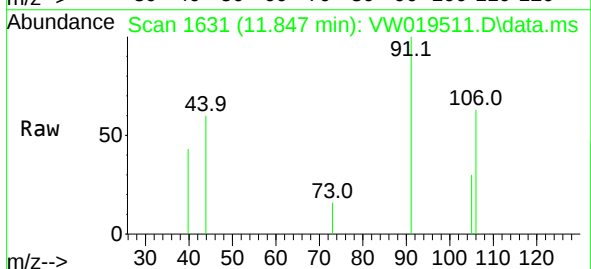
Instrument :
MSVOA_W
ClientSampleId :

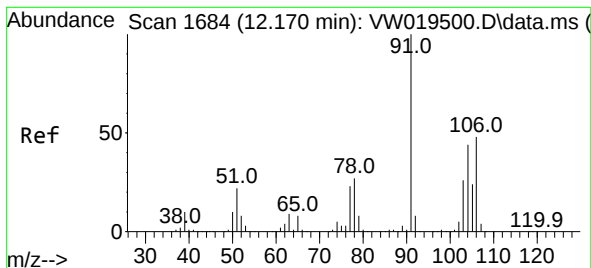
Tgt Ion: 91 Resp: 537
Ion Ratio Lower Upper
91 100
106 22.6 24.8 37.2#



#68
m/p-Xylenes
Concen: 23.095 ug/l
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:106 Resp: 384
Ion Ratio Lower Upper
106 100
91 228.6 164.3 246.5

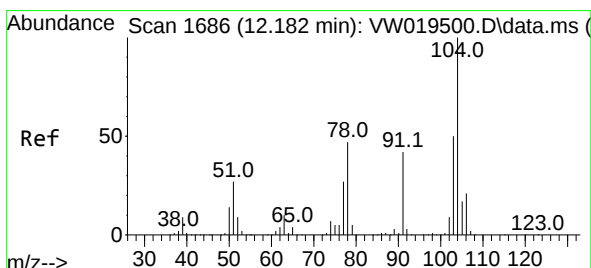
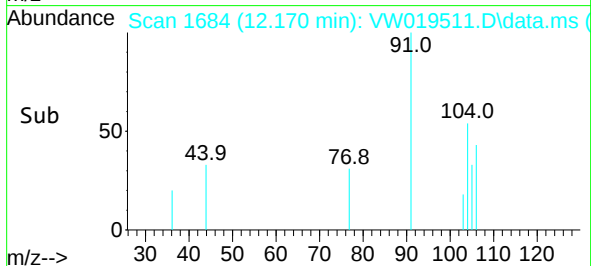
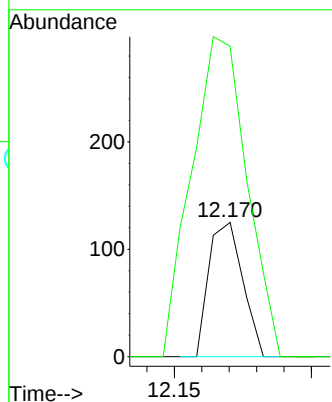
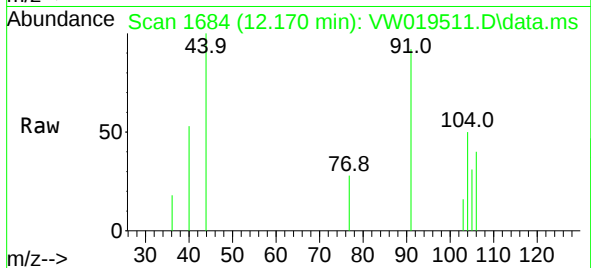




#69
o-Xylene
Concen: 6.883 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

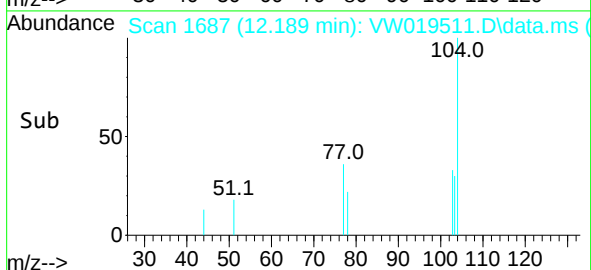
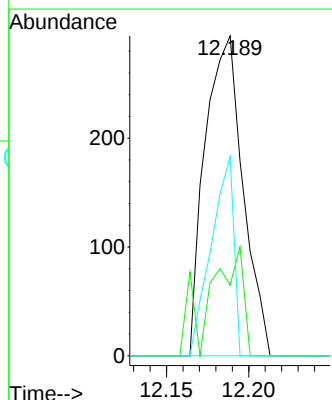
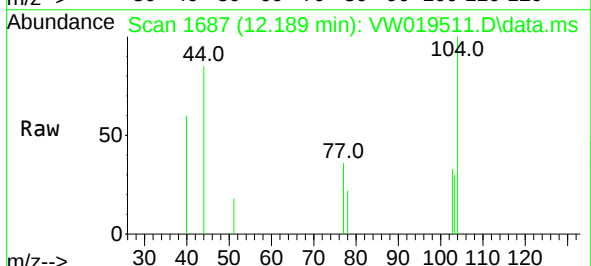
Instrument :
MSVOA_W
ClientSampled :

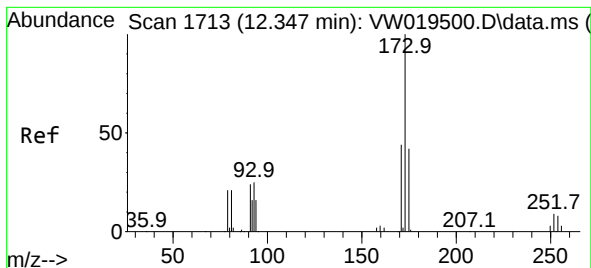
Tgt Ion:106 Resp: 107
Ion Ratio Lower Upper
106 100
91 390.7 106.5 319.6#



#70
Styrene
Concen: 17.937 ug/l
RT: 12.189 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:104 Resp: 471
Ion Ratio Lower Upper
104 100
78 30.1 41.4 62.0#
103 37.2 43.3 64.9#





#71

Bromoform

Concen: 4.418 ug/l

RT: 12.347 min Scan# 1713

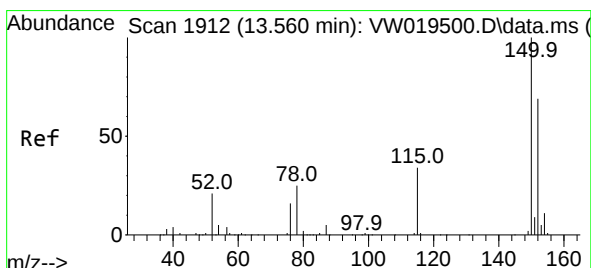
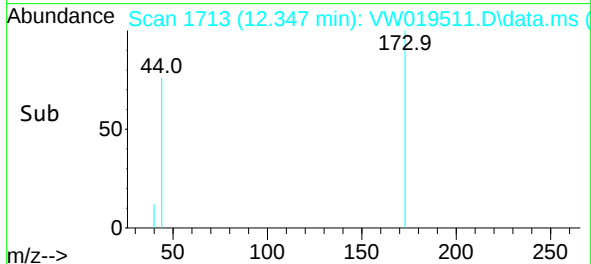
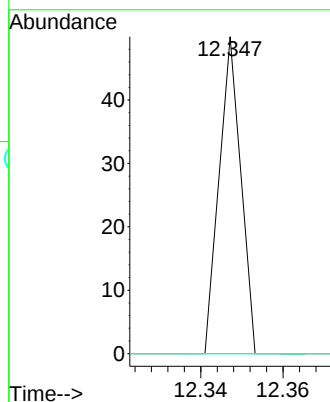
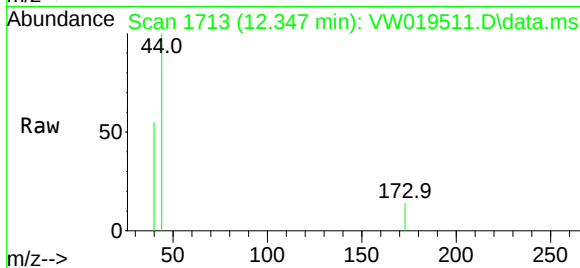
Delta R.T. 0.000 min

Lab File: VW019511.D

Acq: 19 Jul 2021 18:38

Tgt Ion:	173	Resp:	18
Ion Ratio	Lower	Upper	
173	100		
175	0.0	21.9	65.8#
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

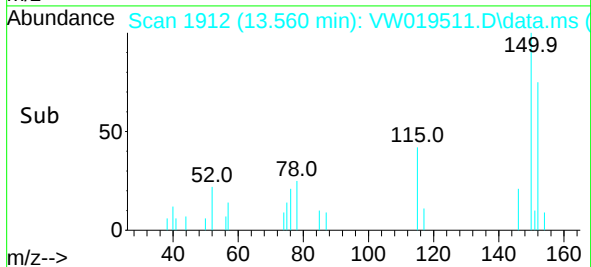
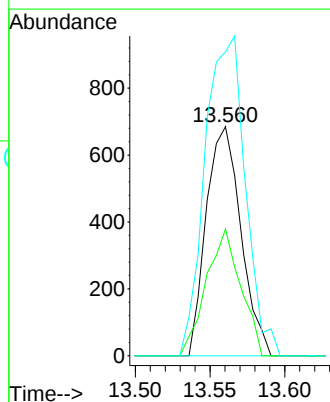
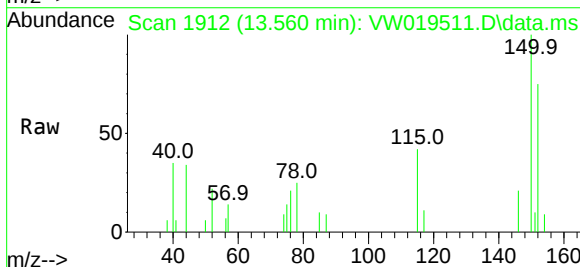
RT: 13.560 min Scan# 1912

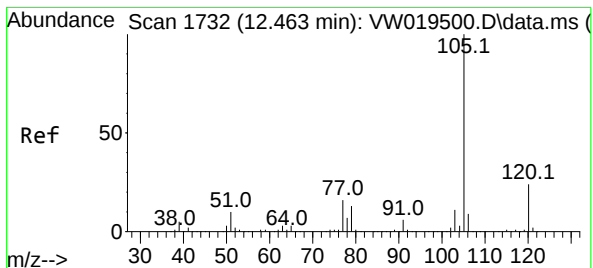
Delta R.T. 0.000 min

Lab File: VW019511.D

Acq: 19 Jul 2021 18:38

Tgt Ion:	152	Resp:	1104
Ion Ratio	Lower	Upper	
152	100		
115	55.0	30.6	91.8
150	161.8	0.0	342.4

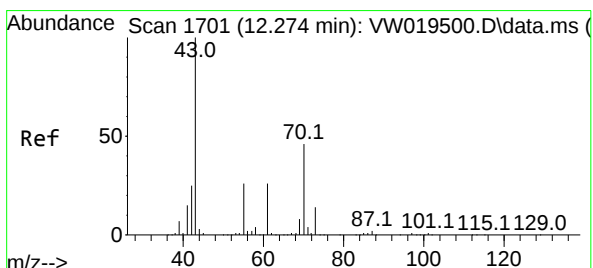
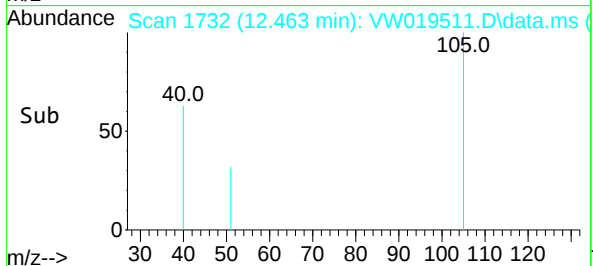
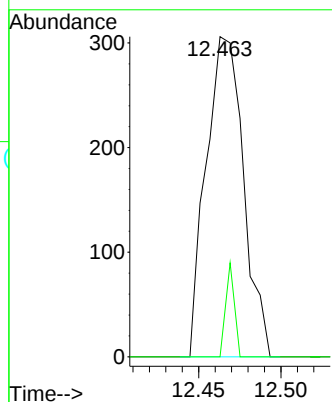
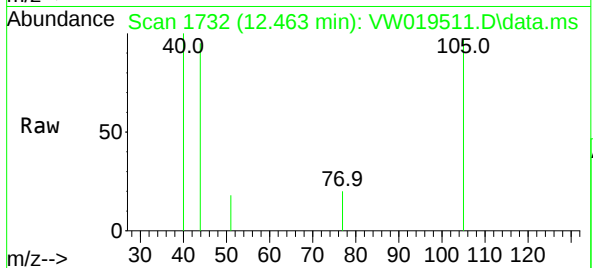




#73
Isopropylbenzene
Concen: 5.782 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

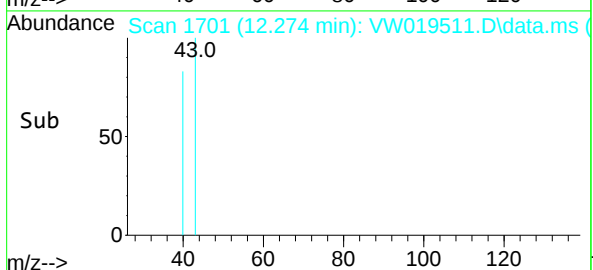
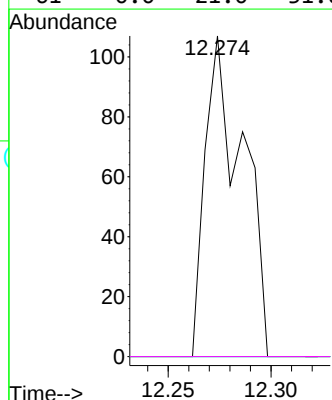
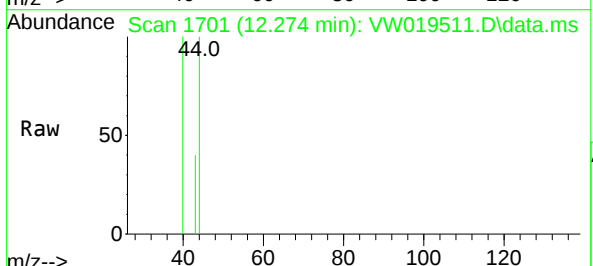
Instrument :
MSVOA_W
ClientSampleId :

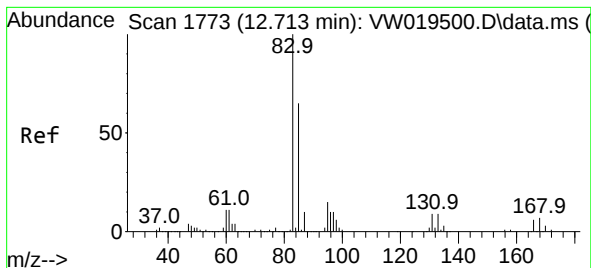
Tgt Ion:105 Resp: 485
Ion Ratio Lower Upper
105 100
120 6.8 13.0 39.0#



#74
N-ethyl acetate
Concen: 7.086 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
70 0.0 37.0 55.4#
55 0.0 21.3 31.9#
61 0.0 21.0 31.6#

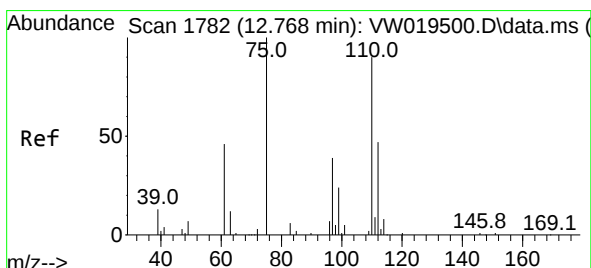
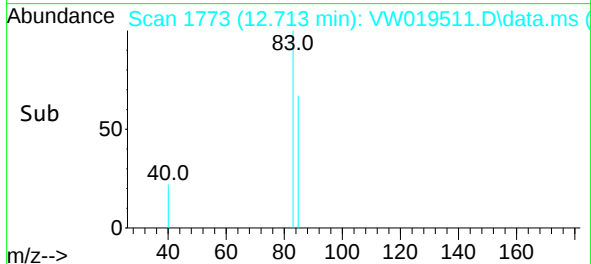
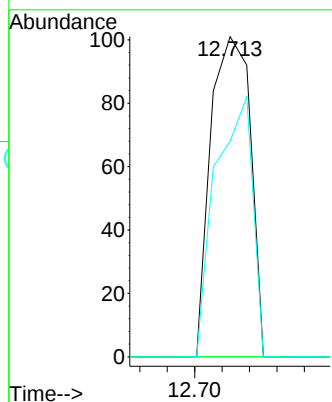
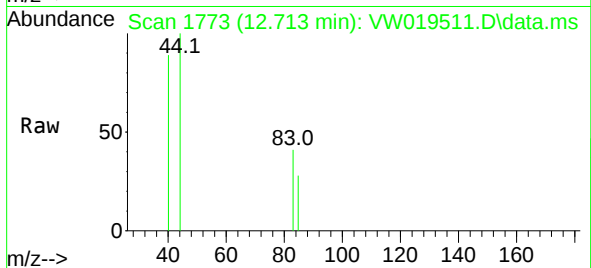




#75
1,1,2,2-Tetrachloroethane
Concen: 6.403 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

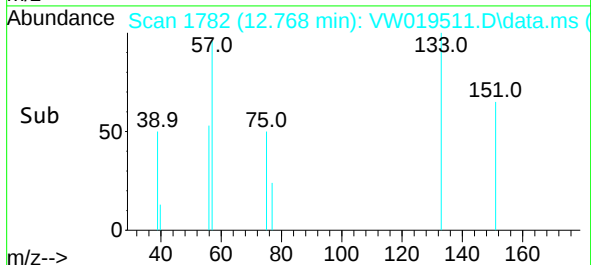
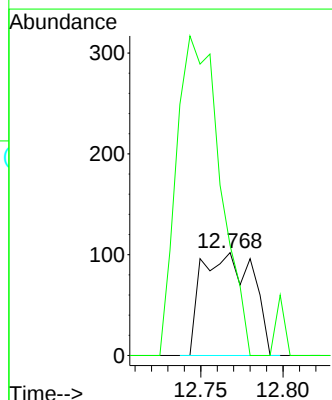
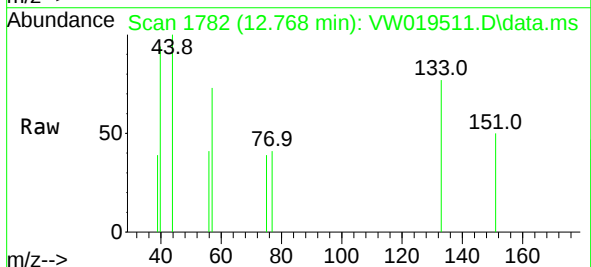
Instrument :
MSVOA_W
ClientSampled :

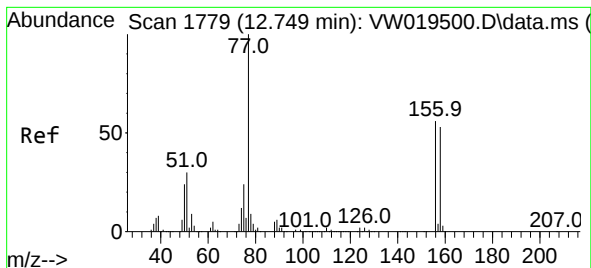
Tgt Ion: 83 Resp: 101
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 76.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 20.071 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

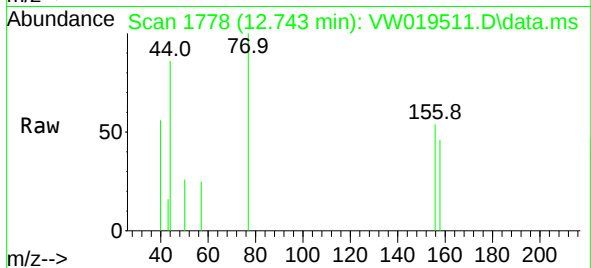
Tgt Ion: 75 Resp: 219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



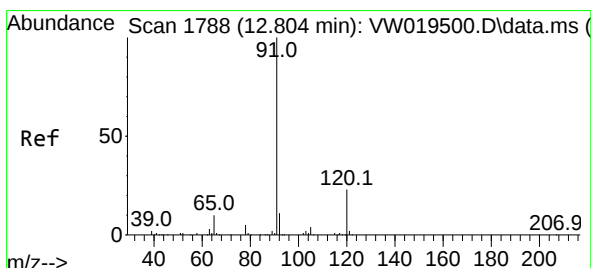
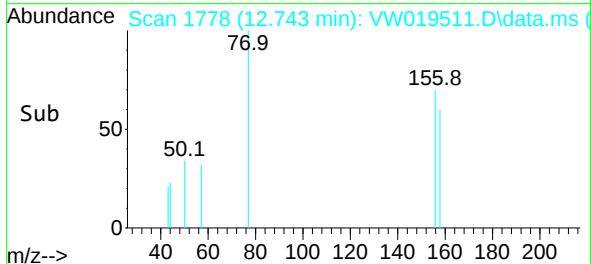
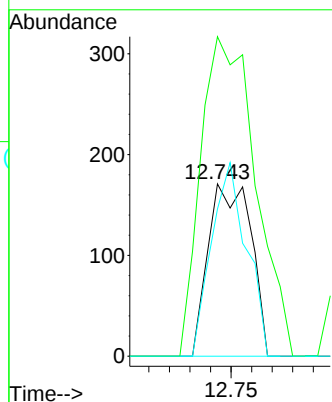


#77
Bromobenzene
Concen: 13.063 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Instrument :
MSVOA_W
ClientSampled :

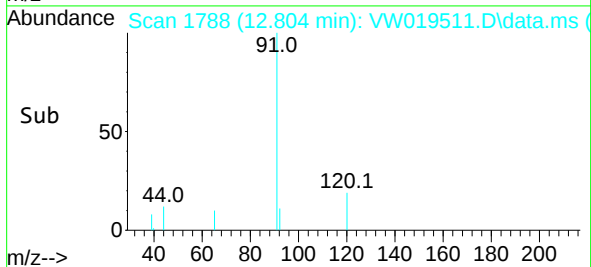
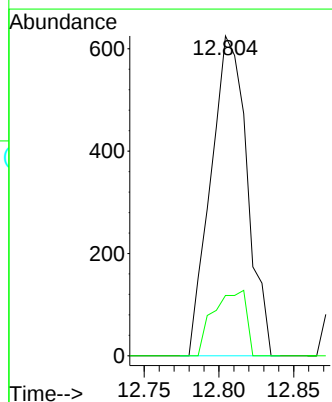
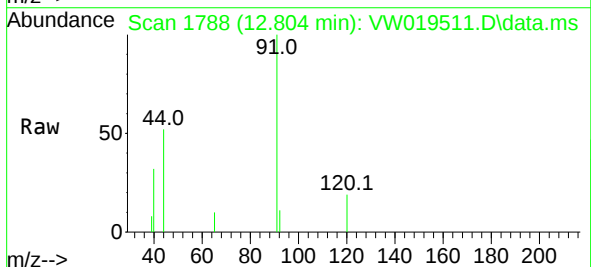


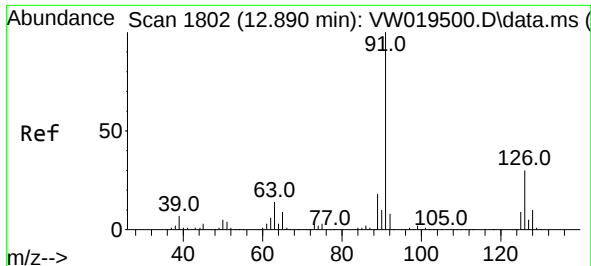
Tgt Ion:156 Resp: 247
Ion Ratio Lower Upper
156 100
77 237.7 102.6 307.9
158 91.9 47.1 141.4



#78
n-propylbenzene
Concen: 10.070 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 91 Resp: 1056
Ion Ratio Lower Upper
91 100
120 18.5 11.2 33.6

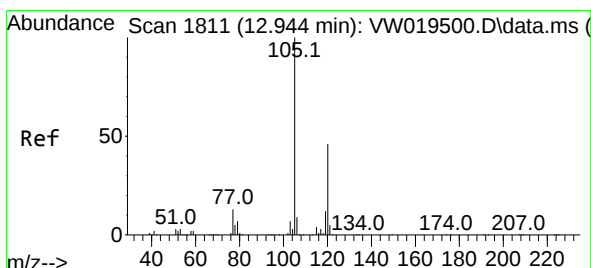
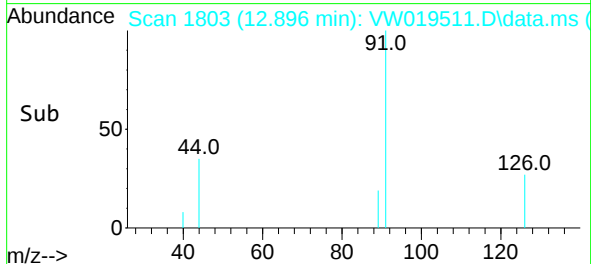
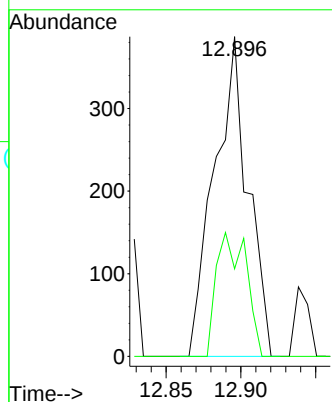
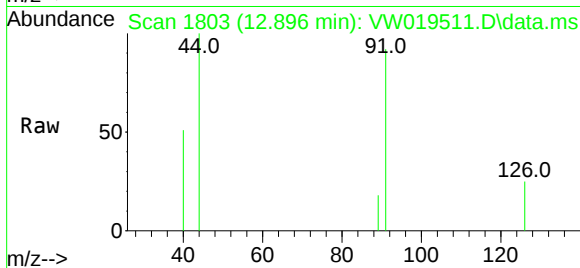




#79
2-Chlorotoluene
Concen: 9.796 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

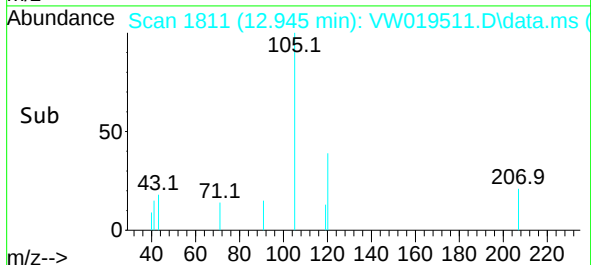
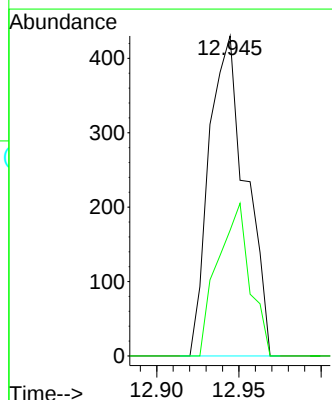
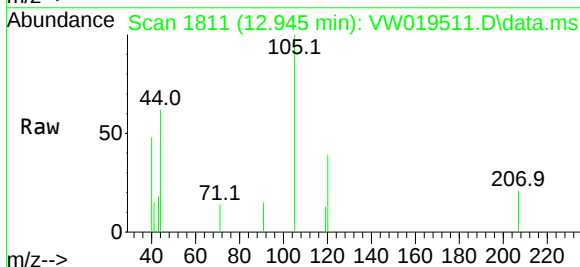
Instrument :
MSVOA_W
ClientSampleId :

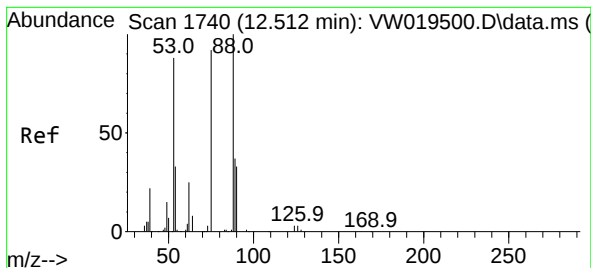
Tgt Ion: 91 Resp: 604
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 9.325 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion: 105 Resp: 667
Ion Ratio Lower Upper
105 100
120 41.8 24.1 72.3

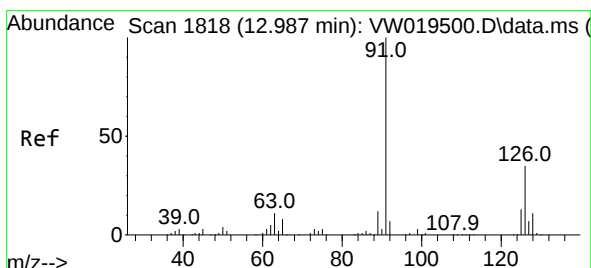
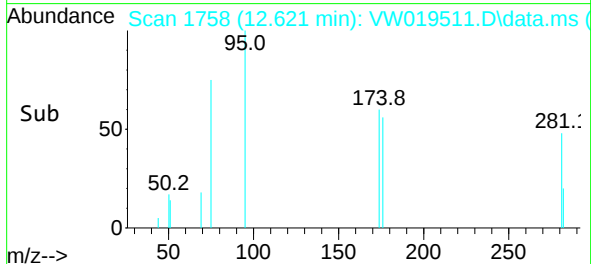
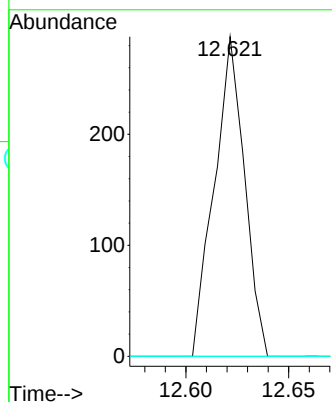
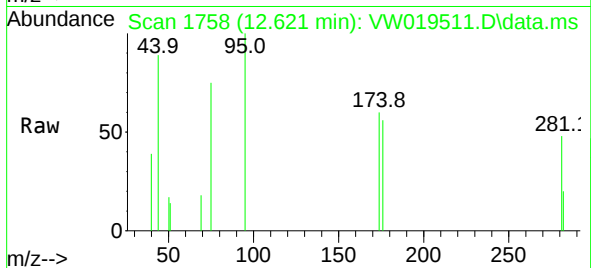




#81
trans-1,4-Dichloro-2-butene
Concen: 61.408 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

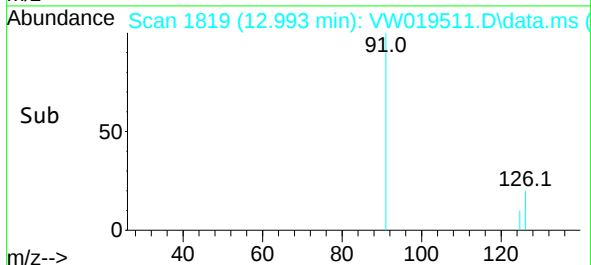
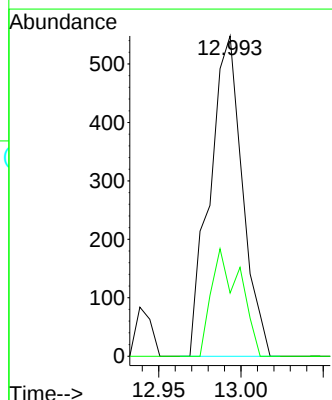
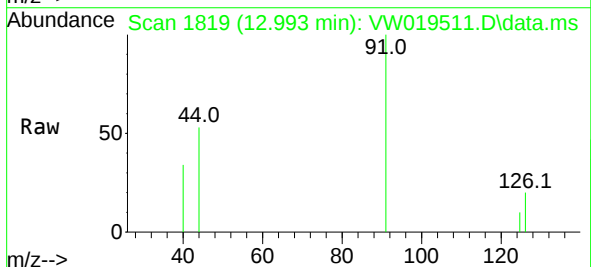
Instrument :
MSVOA_W
ClientSampleId :

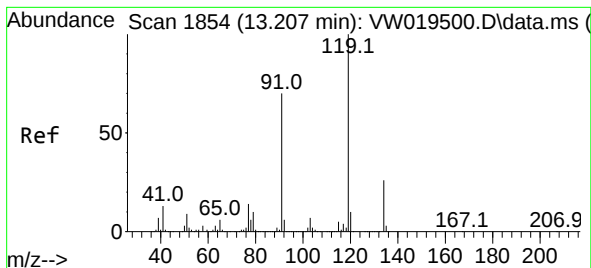
Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 11.841 ug/l
RT: 12.993 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

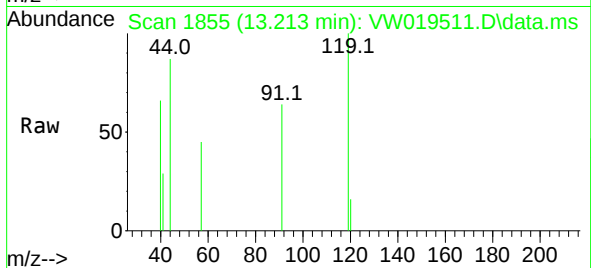
Tgt Ion: 91 Resp: 755
Ion Ratio Lower Upper
91 100
126 29.7 15.7 47.1



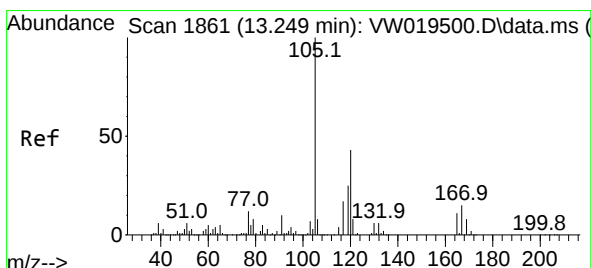
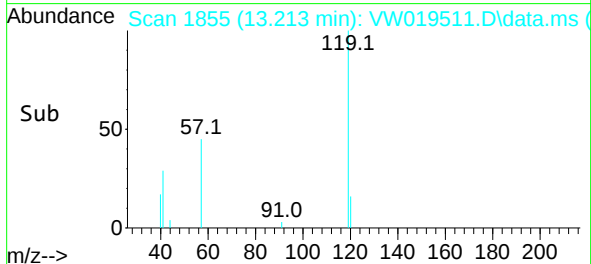
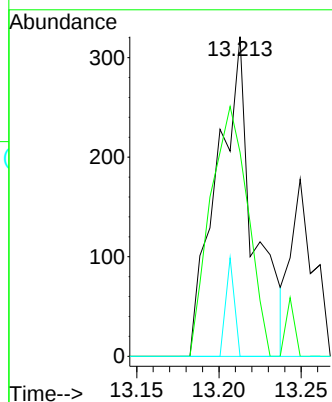


#83
tert-Butylbenzene
Concen: 8.272 ug/l
RT: 13.213 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Instrument :
MSVOA_W
ClientSampleId :

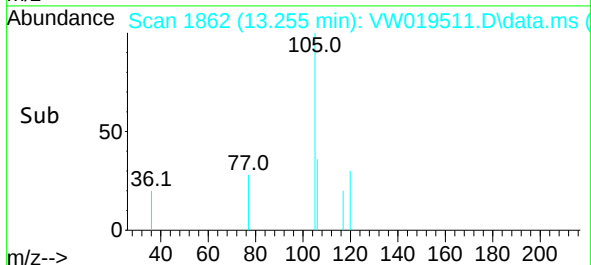
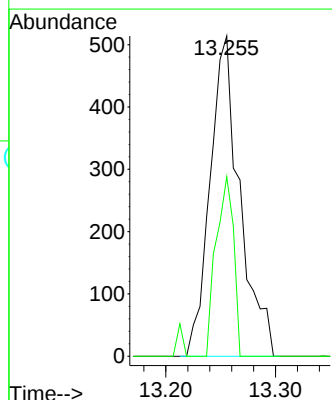
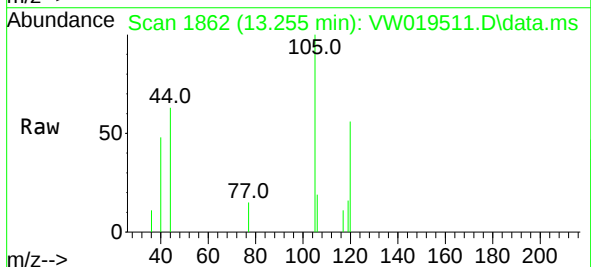


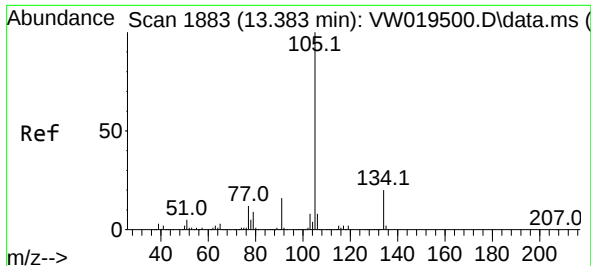
Tgt Ion:119 Resp: 502
Ion Ratio Lower Upper
119 100
91 79.1 33.7 101.1
134 7.2 12.4 37.0#



#84
1,2,4-Trimethylbenzene
Concen: 13.537 ug/l
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:105 Resp: 969
Ion Ratio Lower Upper
105 100
120 33.0 21.9 65.8

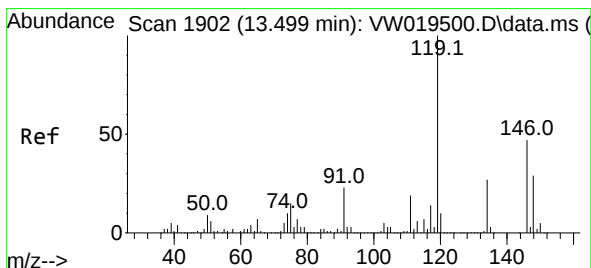
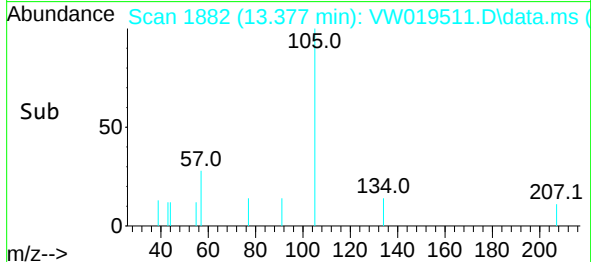
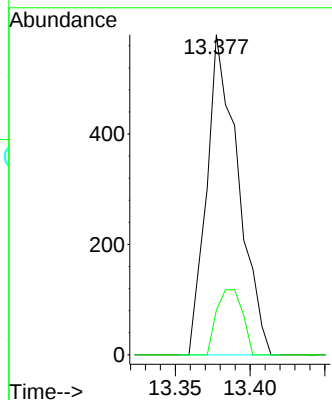
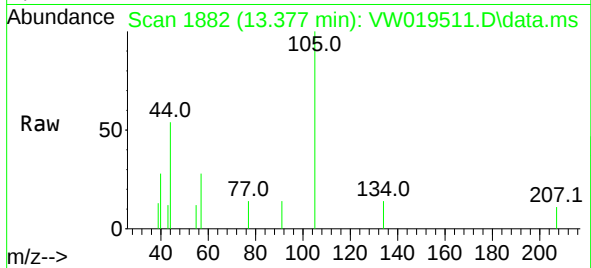




#85
 sec-Butylbenzene
 Concen: 9.091 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

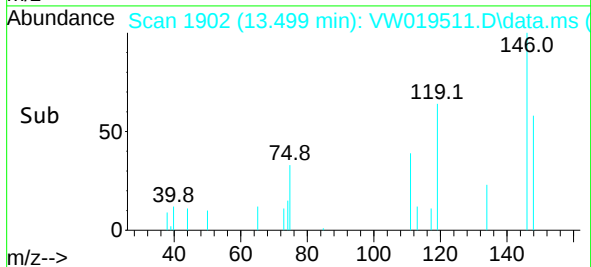
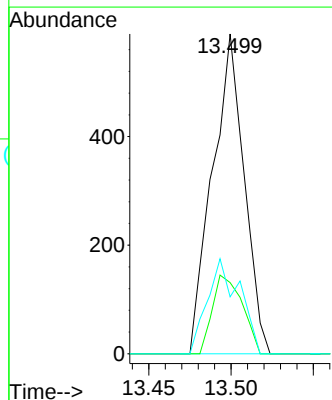
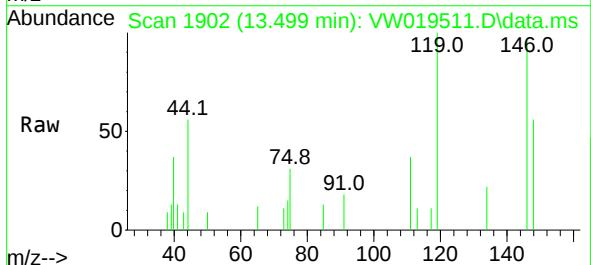
Instrument :
 MSVOA_W
 ClientSampled :

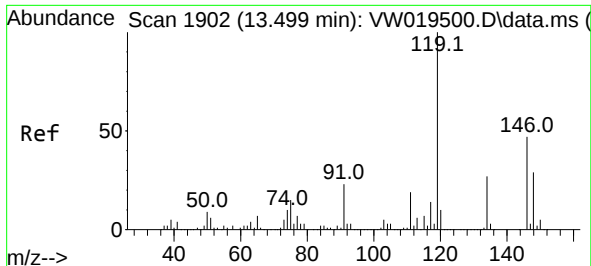
Tgt Ion:105 Resp: 848
 Ion Ratio Lower Upper
 105 100
 134 16.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 10.265 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

Tgt Ion:119 Resp: 789
 Ion Ratio Lower Upper
 119 100
 134 23.1 13.1 39.1
 91 30.2 12.1 36.3



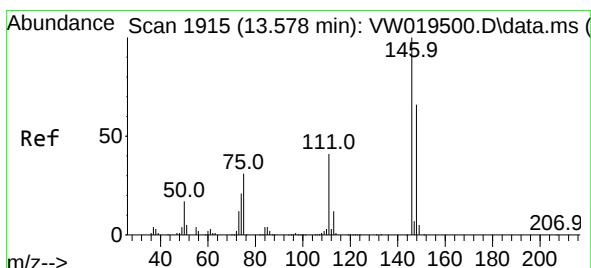
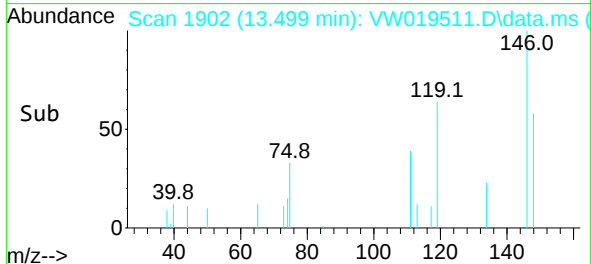
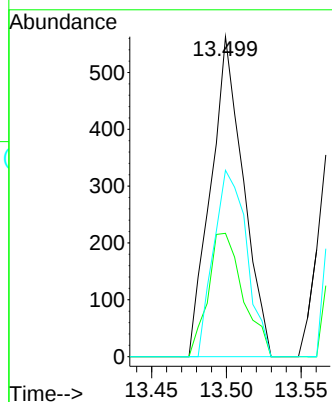
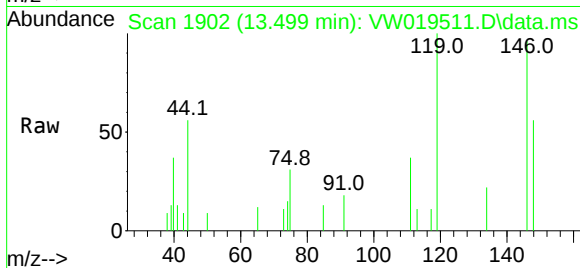


#87

1,3-Dichlorobenzene
Concen: 21.963 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Instrument :
MSVOA_W
ClientSampleId :

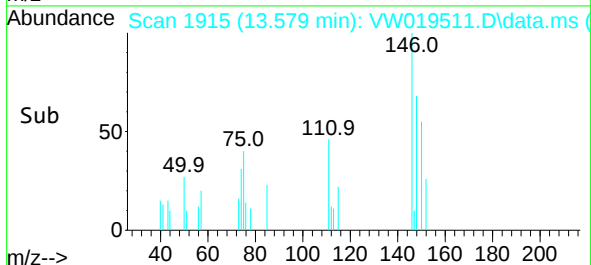
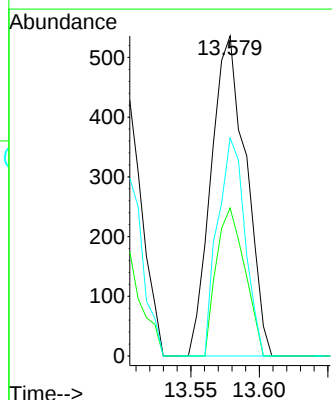
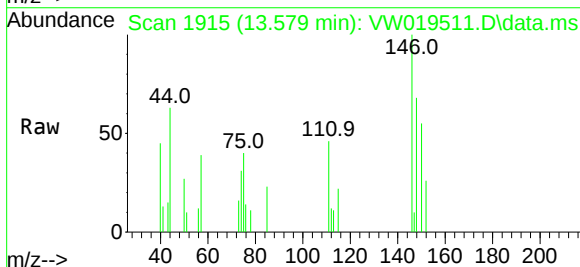
Tgt Ion:146	Resp:	850
Ion	Ratio	Lower Upper
146	100	
111	41.5	20.8 62.2
148	59.2	31.3 93.9

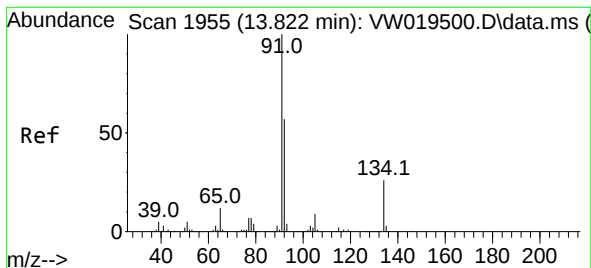


#88

1,4-Dichlorobenzene
Concen: 24.747 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:146	Resp:	948
Ion	Ratio	Lower Upper
146	100	
111	37.9	20.6 61.8
148	53.3	32.1 96.5

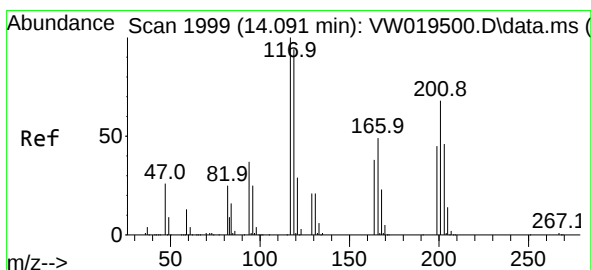
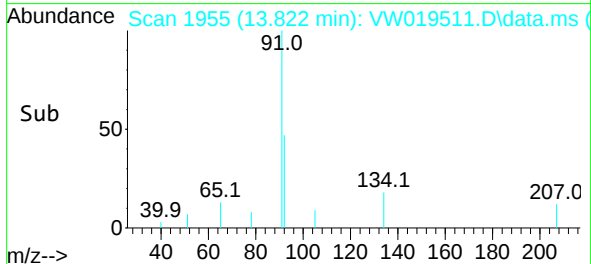
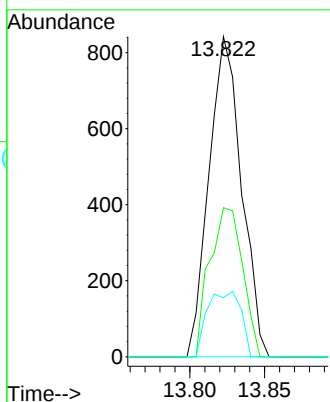
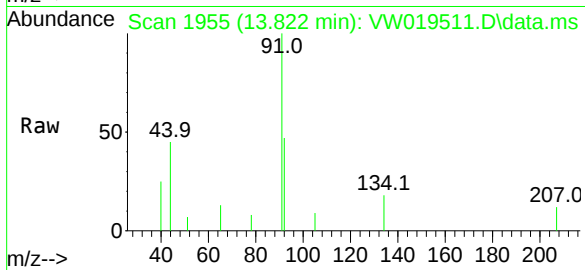




#89
n-Butylbenzene
Concen: 16.905 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

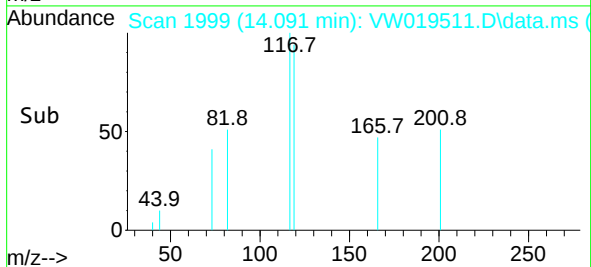
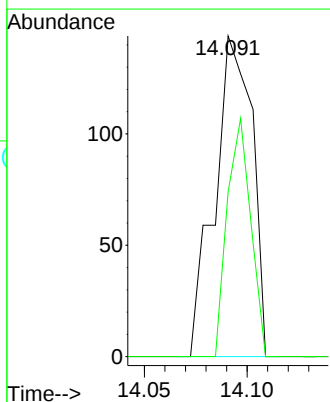
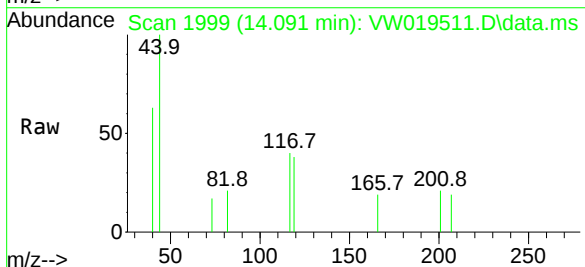
Instrument :
MSVOA_W
ClientSampleId :

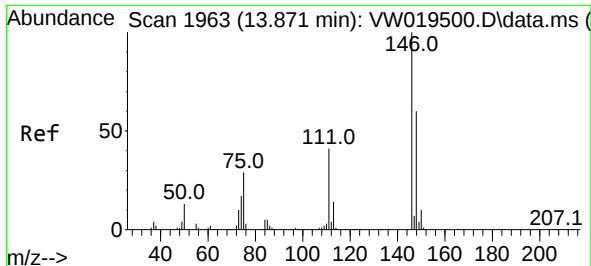
Tgt Ion:	91	Resp:	1272
Ion	Ratio	Lower	Upper
91	100		
92	47.2	27.7	83.1
134	21.0	12.7	38.1



#90
Hexachloroethane
Concen: 13.505 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:	117	Resp:	183
Ion	Ratio	Lower	Upper
117	100		
201	46.4	37.2	111.6

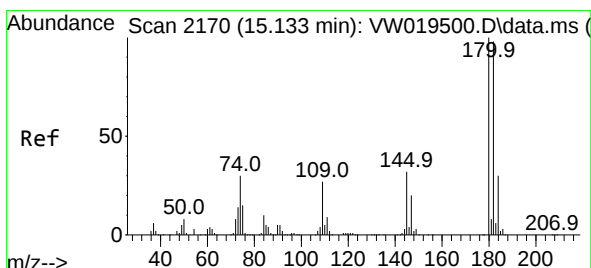
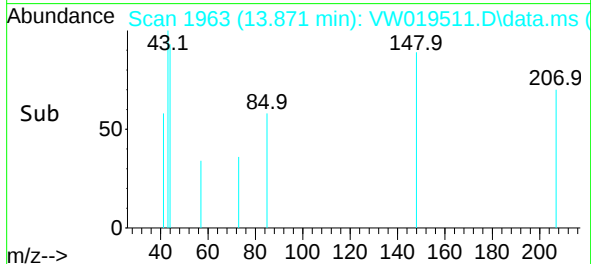
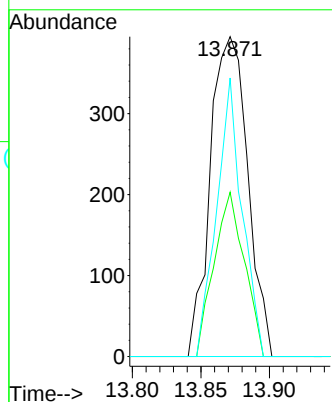
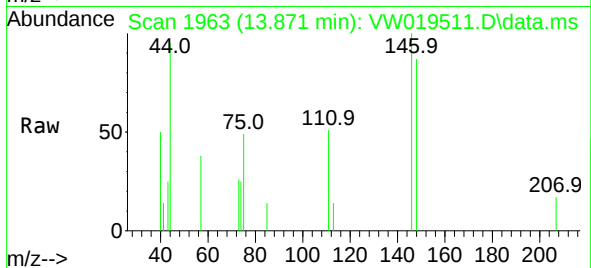




#91
1,2-Dichlorobenzene
Concen: 22.093 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

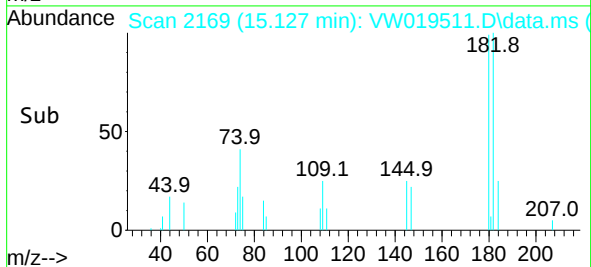
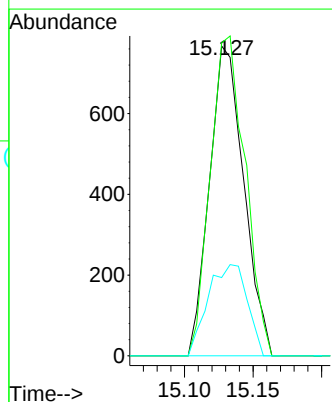
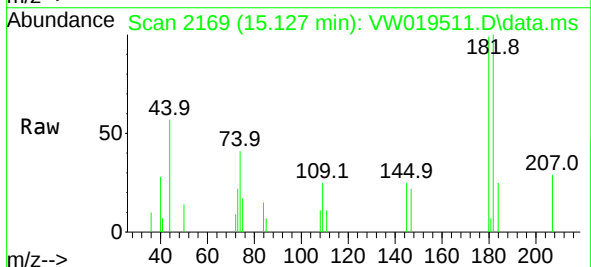
Instrument :
MSVOA_W
ClientSampled :

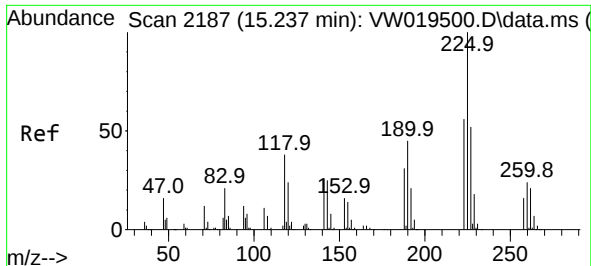
Tgt Ion:146 Resp: 752
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 59.3 31.9 95.7



#93
1,2,4-Trichlorobenzene
Concen: 58.233 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

Tgt Ion:180 Resp: 1338
Ion Ratio Lower Upper
180 100
182 104.6 47.3 141.8
145 33.5 15.4 46.2

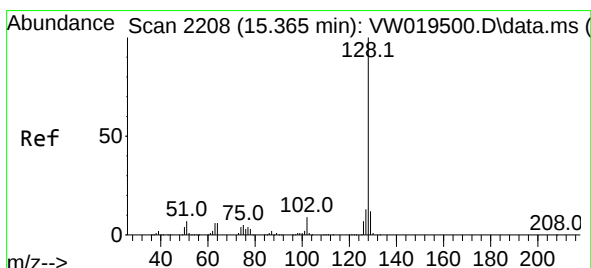
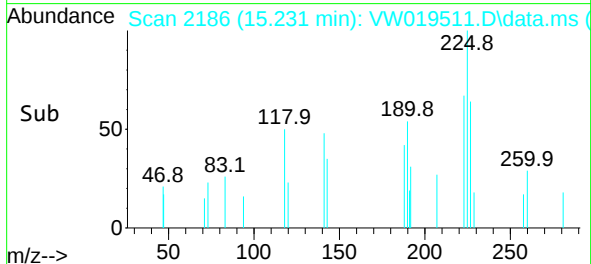
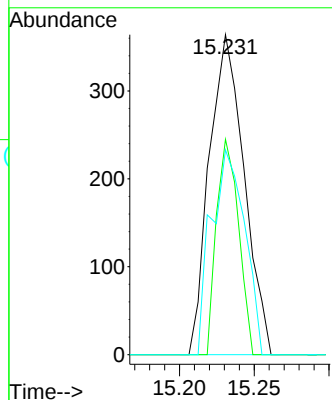
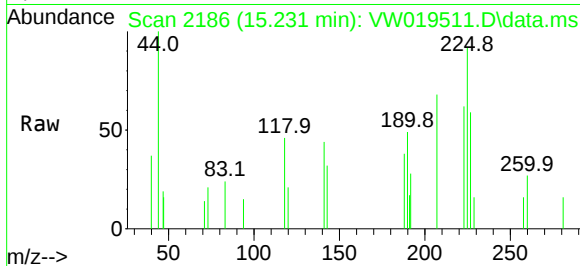




#94
Hexachlorobutadiene
Concen: 45.313 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

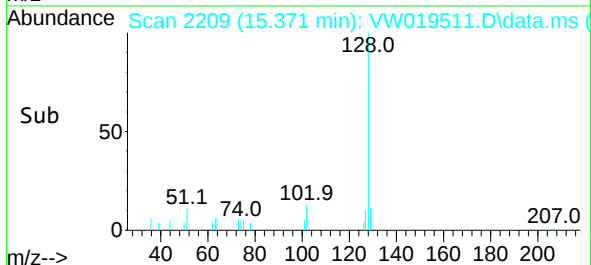
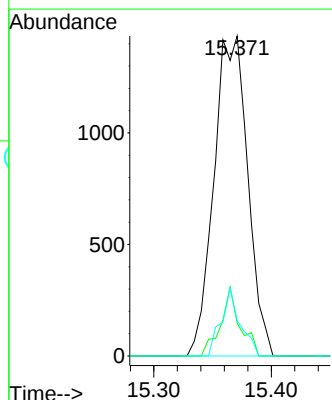
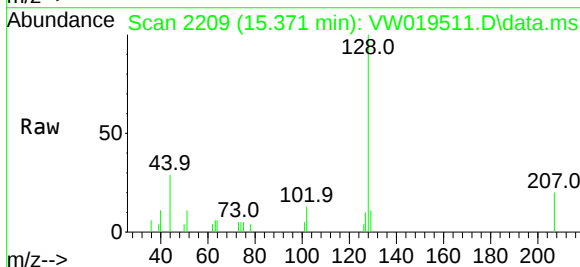
Instrument :
MSVOA_W
ClientSampleId :

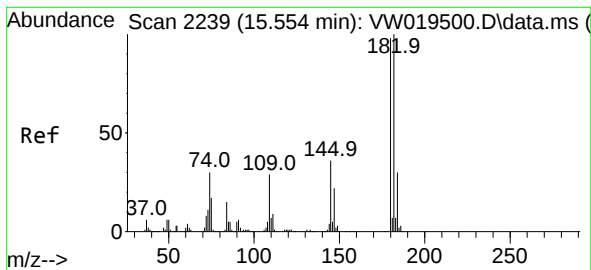
Tgt Ion:	225	Resp:	589
Ion	Ratio	Lower	Upper
225	100		
223	42.6	31.4	94.0
227	61.5	31.6	94.7



#95
Naphthalene
Concen: 68.129 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW019511.D
Acq: 19 Jul 2021 18:38

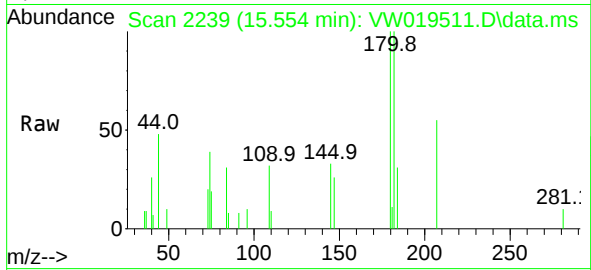
Tgt Ion:	128	Resp:	2867
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	11.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 70.651 ug/l
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW019511.D
 Acq: 19 Jul 2021 18:38

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	1419
Ion	Ratio	Lower	Upper
180	100		
182	87.7	48.5	145.6
145	29.8	17.4	52.2

