

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072697.D
 Acq On : 22 Apr 2022 16:39
 Operator : VA/SY
 Sample : N2480-15
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4

Quant Time: Apr 22 23:47:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	18658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	34277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	37040	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	18424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14779	65.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.960%			
35) Dibromofluoromethane	7.914	113	12000	45.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.100%			
50) Toluene-d8	10.332	98	42778	46.199	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.400%			
62) 4-Bromofluorobenzene	12.620	95	51210	141.610	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 283.220%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	505	3.687	ug/l #	40
5) Bromomethane	2.762	94	130	1.232	ug/l #	1
10) Methyl Iodide	4.291	142	481	5.959	ug/l #	61
14) Allyl chloride	4.720	41	59	1.323	ug/l #	1
15) Acrylonitrile	5.462	53	120	2.512	ug/l #	17
16) Acetone	4.144	43	7815	185.689	ug/l	98
17) Carbon Disulfide	4.432	76	54	3.764	ug/l #	74
20) Methylene Chloride	4.956	84	404	1.612	ug/l #	39
23) Vinyl Acetate	6.314	43	56	6.440	ug/l #	75
25) 2-Butanone	7.197	43	3583	61.556	ug/l #	52
29) Tetrahydrofuran	7.556	42	59	1.679	ug/l #	38
31) Cyclohexane	7.979	56	6736	22.824	ug/l #	85
36) 1,1-Dichloropropene	7.973	75	1554	5.586	ug/l #	79
37) Ethyl Acetate	7.279	43	275	1.948	ug/l #	72
39) Methylcyclohexane	9.350	83	23020	57.602	ug/l	93
41) Methacrylonitrile	7.508	41	499	7.507	ug/l #	77
43) Isopropyl Acetate	8.450	43	1538	5.681	ug/l #	54
45) 1,2-Dichloropropane	9.379	63	483	1.866	ug/l #	42
46) Dibromomethane	9.479	93	437	3.219	ug/l #	1
47) Bromodichloromethane	9.667	83	662	1.697	ug/l #	24
48) Methyl methacrylate	9.438	41	1403	10.674	ug/l #	66
51) 4-Methyl-2-Pentanone	10.185	43	179	1.232	ug/l	92
53) t-1,3-Dichloropropene	10.620	75	381	1.121	ug/l #	44
55) 1,1,2-Trichloroethane	10.767	97	20469	99.442	ug/l #	19
56) Ethyl methacrylate	10.667	69	10241	40.691	ug/l #	49
58) 2-Chloroethyl Vinyl ether	9.926	63	124	1.220	ug/l #	48
59) 2-Hexanone	10.997	43	867	8.776	ug/l #	39
60) Dibromochloromethane	11.226	129	1761	6.632	ug/l	95
61) 1,2-Dibromoethane	11.232	107	446	2.440	ug/l #	3
64) Tetrachloroethene	10.891	164	637	2.632	ug/l #	39
65) Chlorobenzene	11.661	112	1563	1.887	ug/l #	63
66) 1,1,1,2-Tetrachloroethane	11.891	131	708	2.138	ug/l	65
68) m/p-Xylenes	11.849	106	1119	2.041	ug/l #	1
69) o-Xylene	12.085	106	586	1.108	ug/l	99
70) Styrene	12.202	104	1061	1.138	ug/l #	55
71) Bromoform	12.373	173	2630	14.984	ug/l #	72

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 WC-16-1A-4

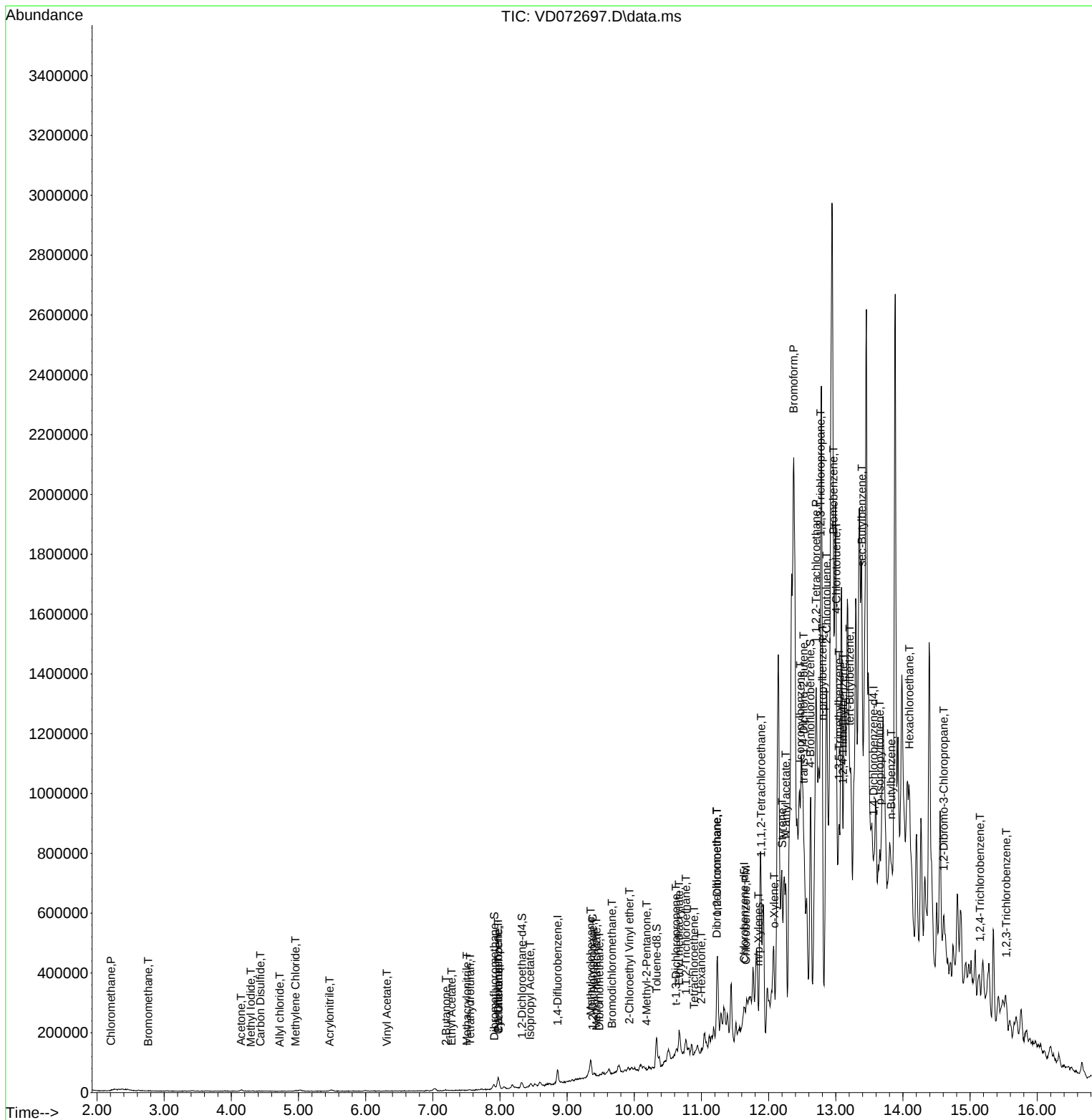
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
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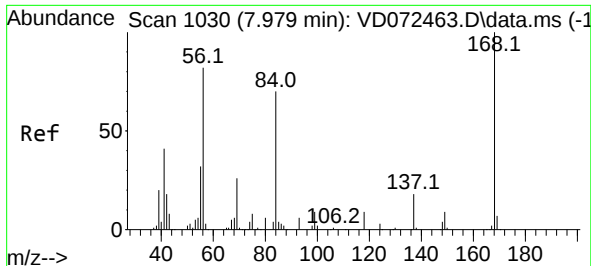
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.473	105	27108	18.219	ug/l	90
74) N-amyl acetate	12.255	43	101440	324.920	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.708	83	88242	313.100	ug/l #	82
76) 1,2,3-Trichloropropane	12.773	75	589	2.931	ug/l #	100
77) Bromobenzene	12.967	156	451217	1352.953	ug/l #	1
78) n-propylbenzene	12.802	91	15041	8.379	ug/l	88
79) 2-Chlorotoluene	12.861	91	2227	2.121	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.049	105	1399	1.098	ug/l	67
81) trans-1,4-Dichloro-2-b...	12.520	75	695	8.487	ug/l #	1
82) 4-Chlorotoluene	13.008	91	1655	1.514	ug/l #	42
83) tert-Butylbenzene	13.208	119	28191	25.553	ug/l	80
84) 1,2,4-Trimethylbenzene	13.108	105	7665	6.151	ug/l	90
85) sec-Butylbenzene	13.391	105	123216	74.148	ug/l #	64
86) p-Isopropyltoluene	13.655	119	68094	50.132	ug/l	92
89) n-Butylbenzene	13.826	91	28511	22.034	ug/l #	55
90) Hexachloroethane	14.096	117	5201	18.705	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.608	75	544	13.051	ug/l	70
93) 1,2,4-Trichlorobenzene	15.149	180	580	1.535	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.537	180	1346	4.082	ug/l #	1

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

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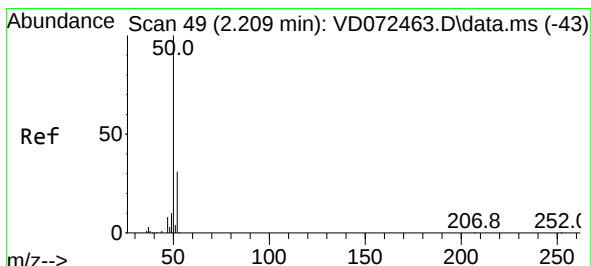
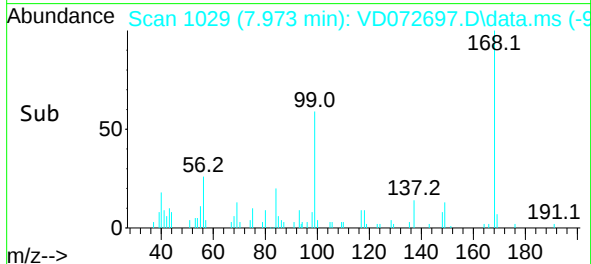
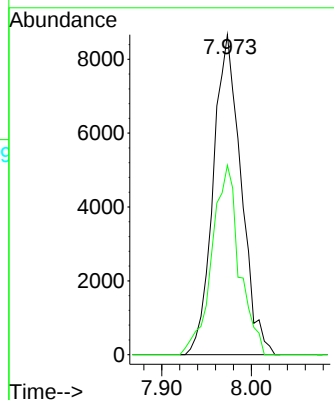
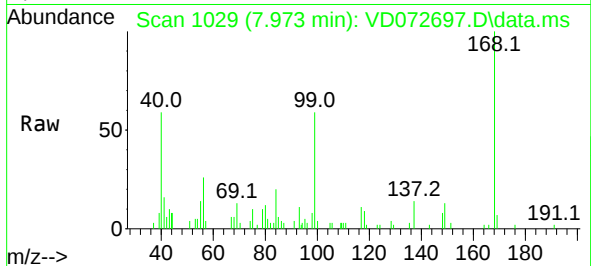




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

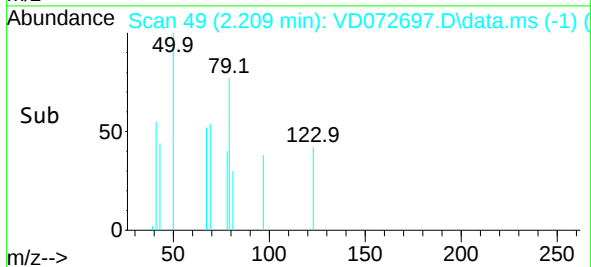
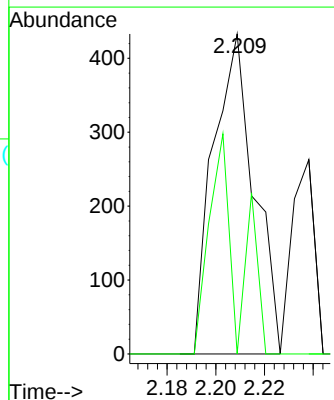
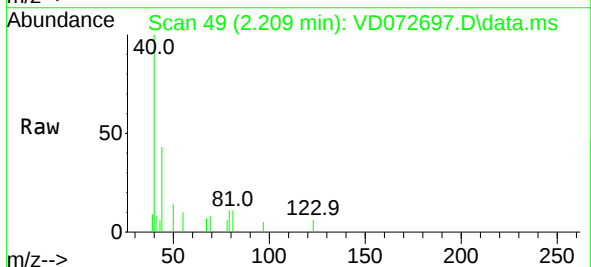
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

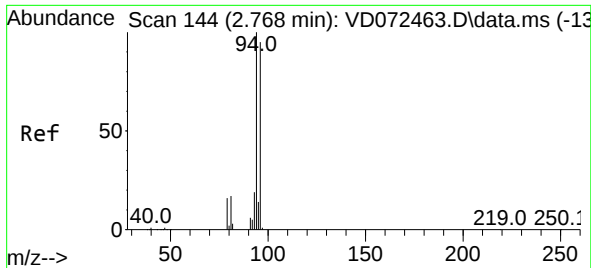
Tgt Ion:168 Resp: 18658
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#3
Chloromethane
Concen: 3.687 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

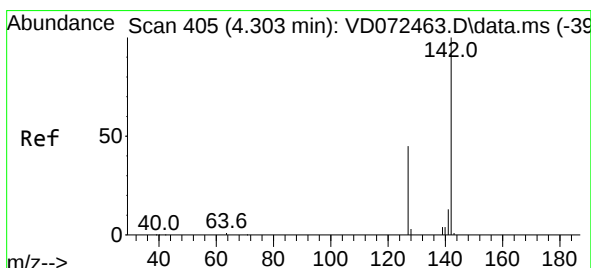
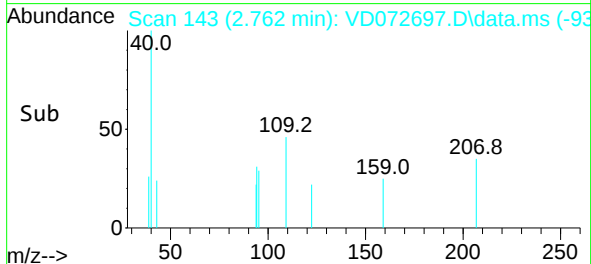
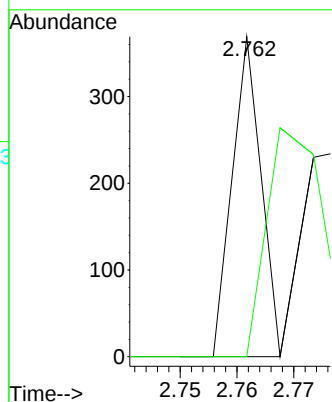
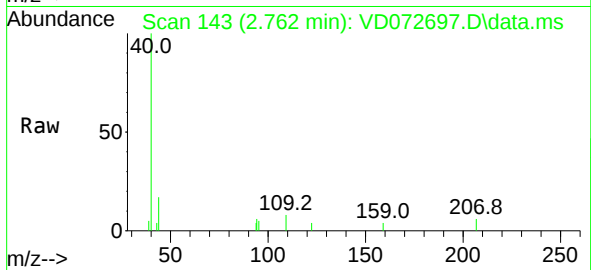




#5
Bromomethane
Concen: 1.232 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

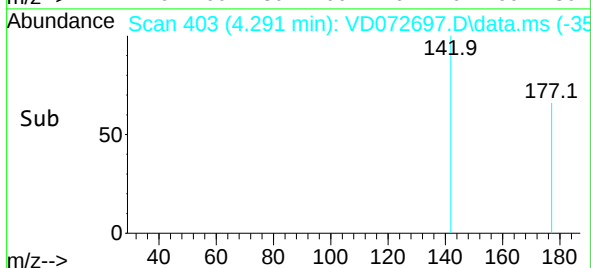
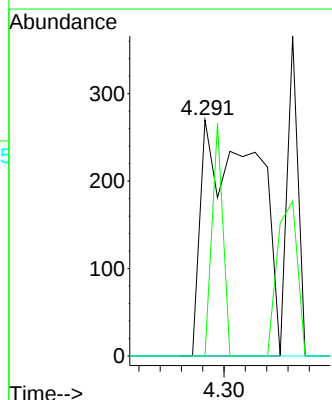
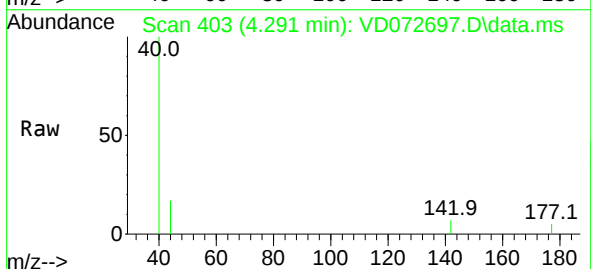
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

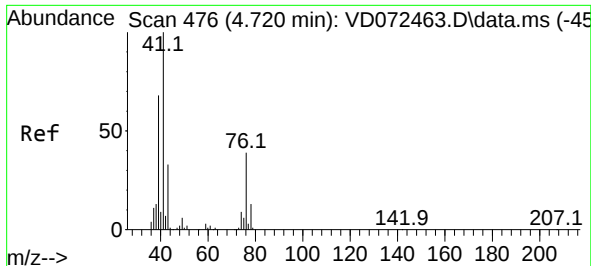
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



#10
Methyl Iodide
Concen: 5.959 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 142 Resp: 481
Ion Ratio Lower Upper
142 100
127 19.5 37.3 55.9#
141 0.0 11.7 17.5#

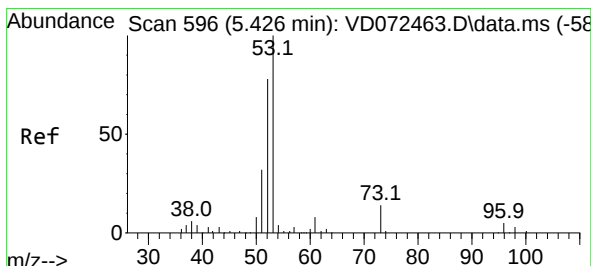
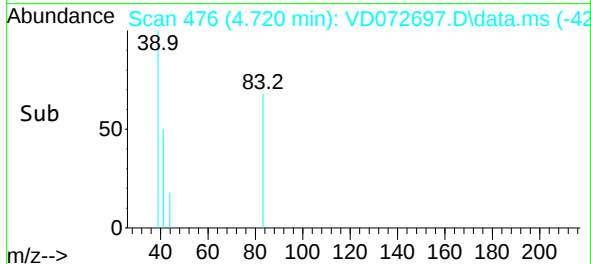
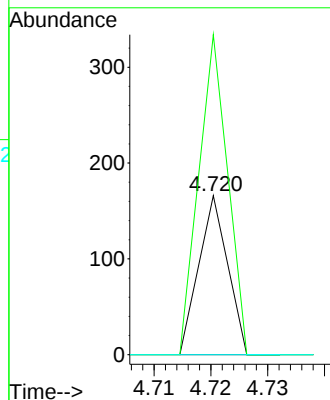
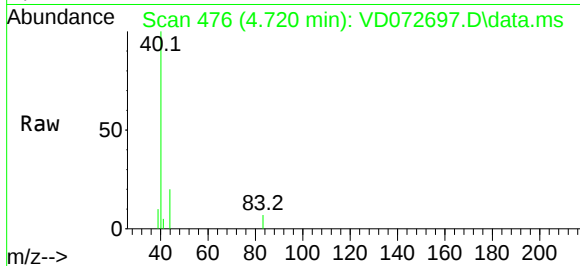




#14
 Allyl chloride
 Concen: 1.323 ug/l
 RT: 4.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

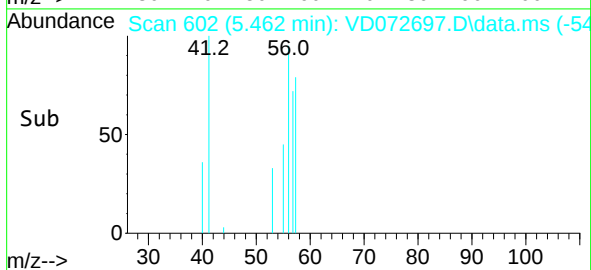
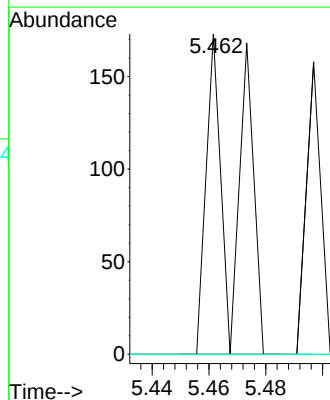
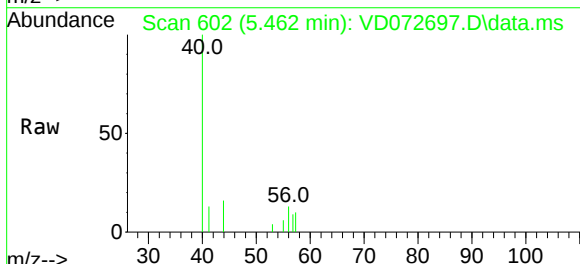
Instrument :
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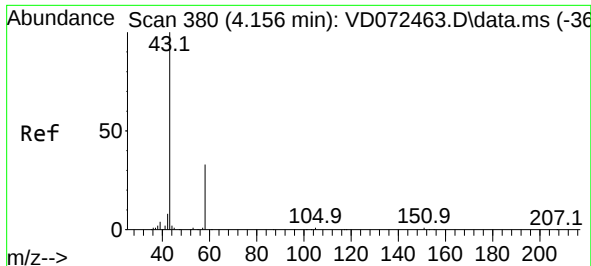
Tgt Ion: 41	Resp: 59
Ion Ratio	Lower Upper
41 100	
39 200.0	59.3 88.9#
76 0.0	25.7 38.5#



#15
 Acrylonitrile
 Concen: 2.512 ug/l
 RT: 5.462 min Scan# 602
 Delta R.T. 0.035 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

Tgt Ion: 53	Resp: 120
Ion Ratio	Lower Upper
53 100	
52 0.0	67.2 100.8#
51 0.0	30.3 45.5#

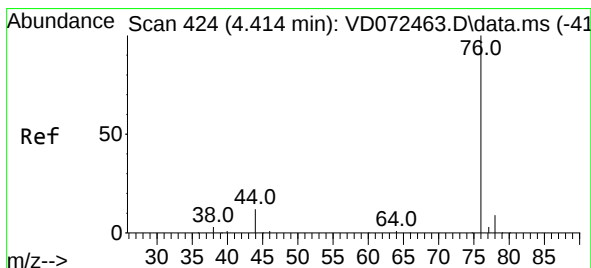
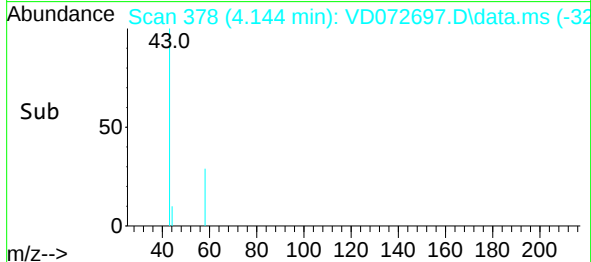
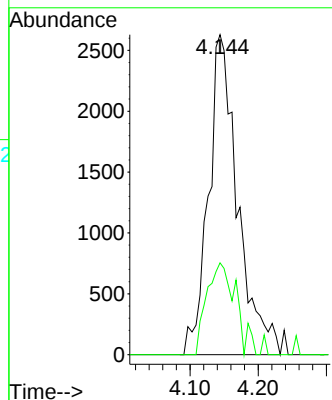
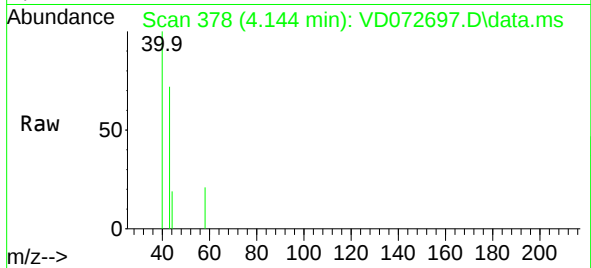




#16
Acetone
Concen: 185.689 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

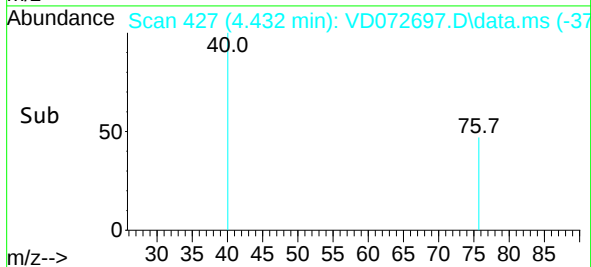
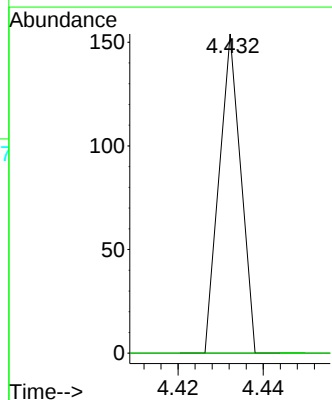
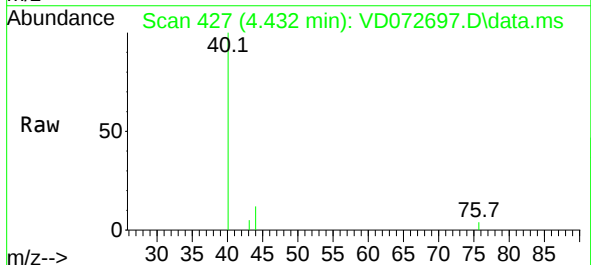
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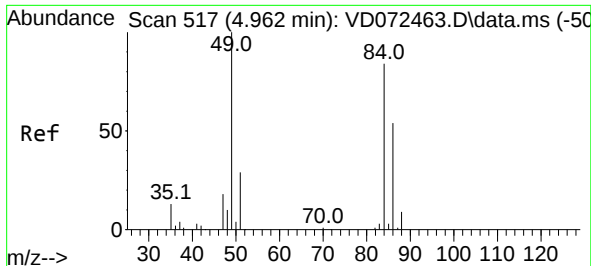
Tgt Ion: 43 Resp: 7815
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1



#17
Carbon Disulfide
Concen: 3.764 ug/l
RT: 4.432 min Scan# 427
Delta R.T. 0.018 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 76 Resp: 54
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

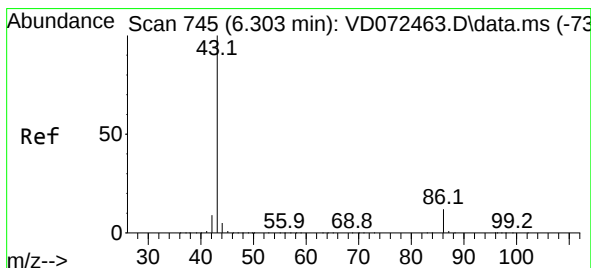
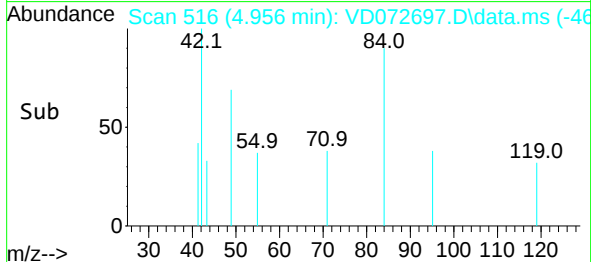
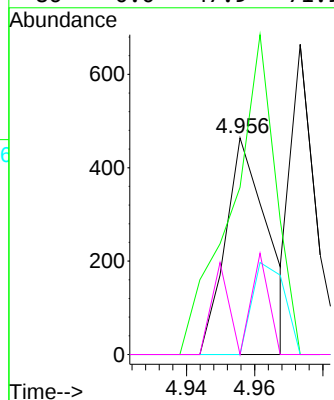
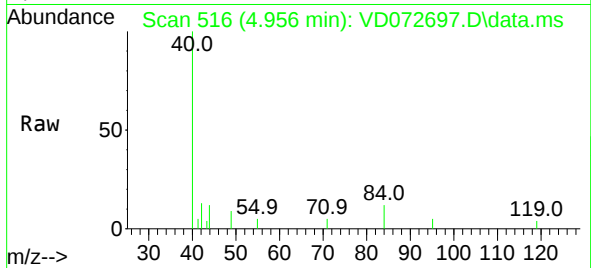




#20
Methylene Chloride
Concen: 1.612 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

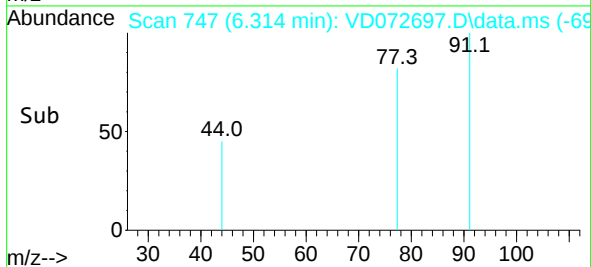
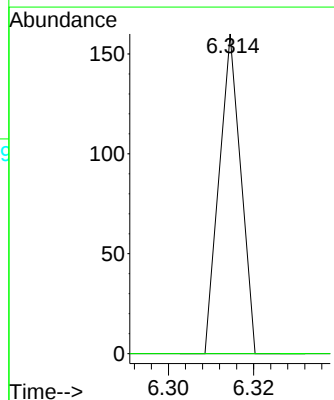
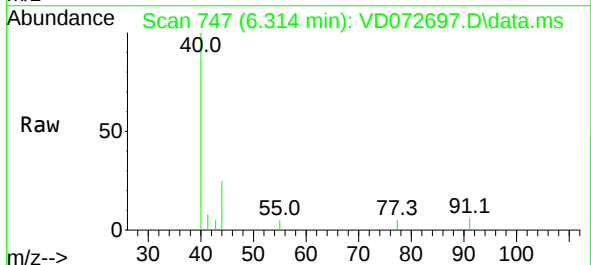
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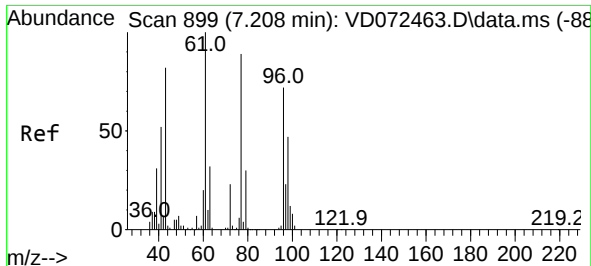
Tgt Ion:	84	Resp:	404
Ion	Ratio	Lower	Upper
84	100		
49	77.2	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#23
Vinyl Acetate
Concen: 6.440 ug/l
RT: 6.314 min Scan# 747
Delta R.T. 0.011 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:	43	Resp:	56
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

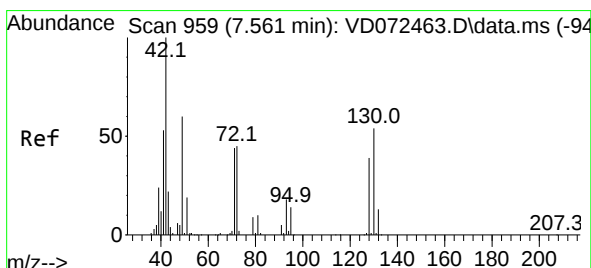
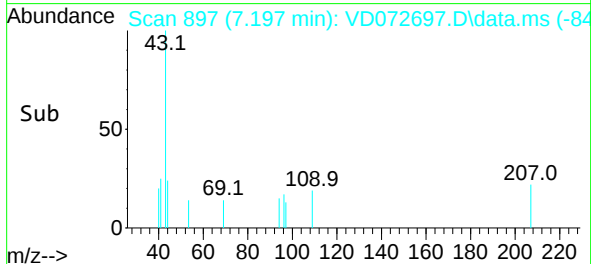
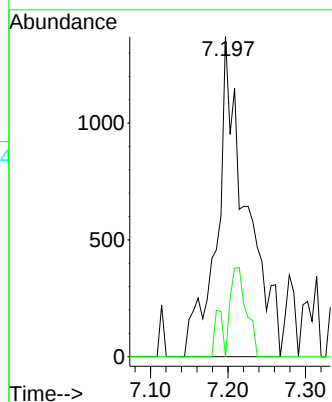
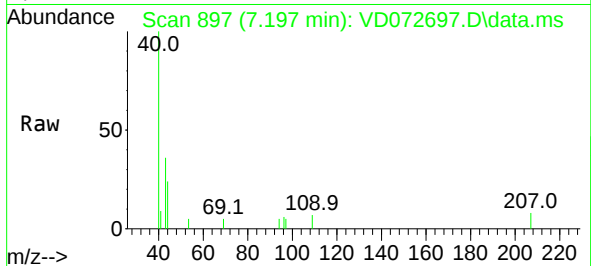




#25
2-Butanone
Concen: 61.556 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072697.D
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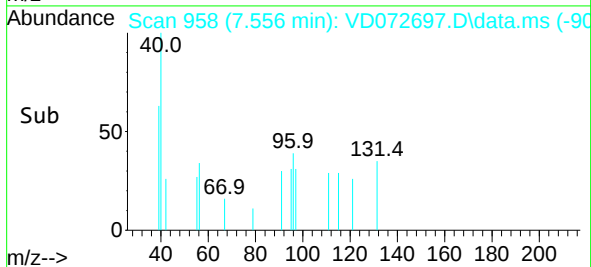
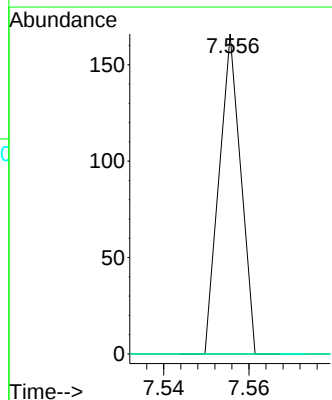
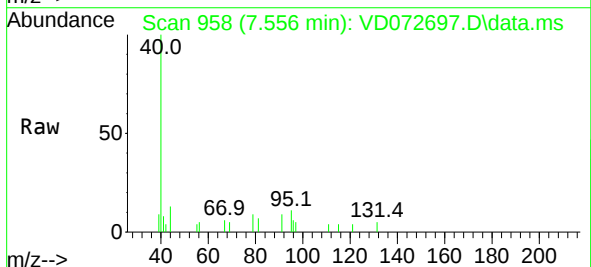
Instrument :
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ClientSampleId :
WC-16-1A-4

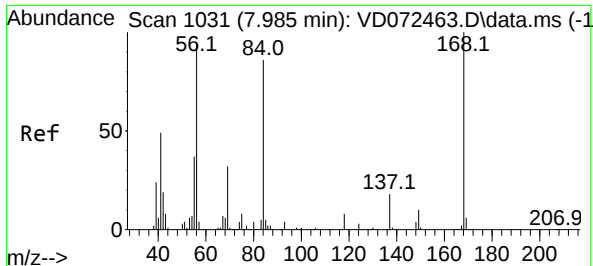
Tgt Ion: 43 Resp: 3583
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.679 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

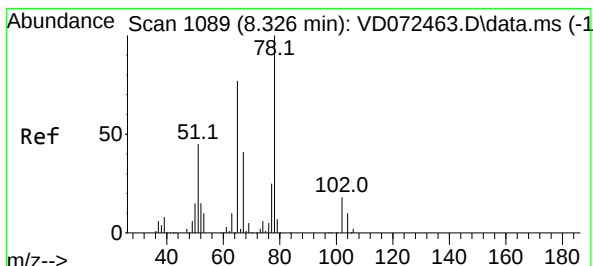
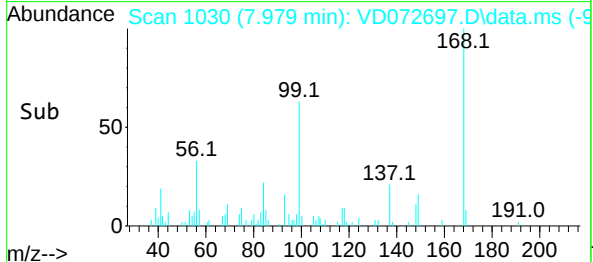
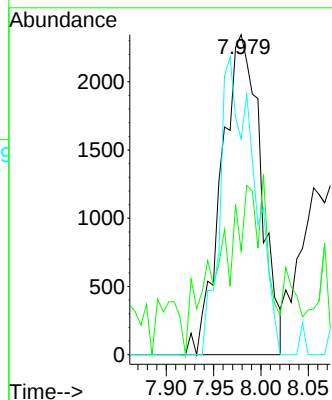
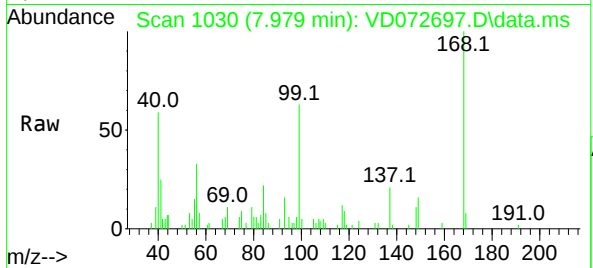




#31
Cyclohexane
Concen: 22.824 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

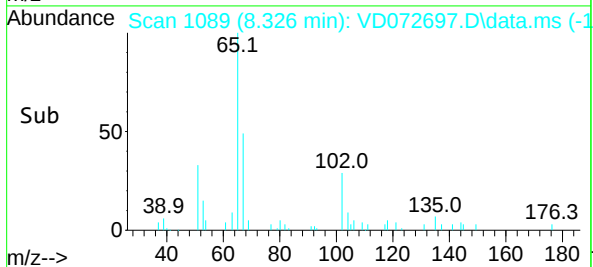
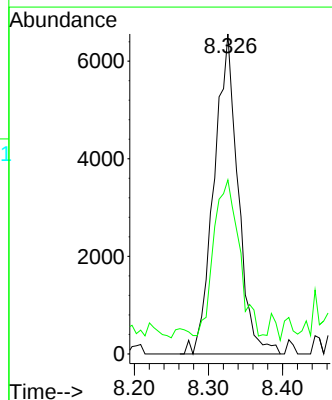
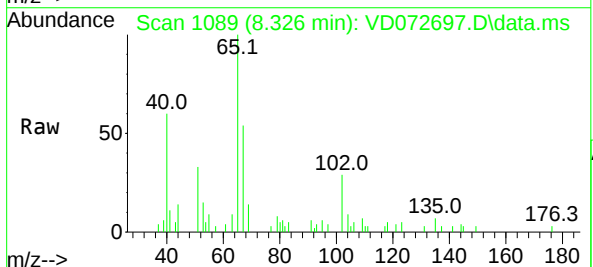
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

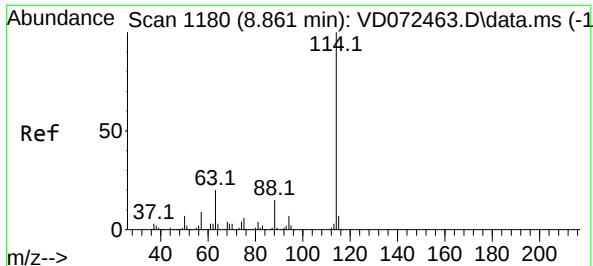
Tgt Ion: 56 Resp: 6736
Ion Ratio Lower Upper
56 100
69 20.5 25.4 38.2#
84 67.4 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 65.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 65 Resp: 14779
Ion Ratio Lower Upper
65 100
67 55.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4

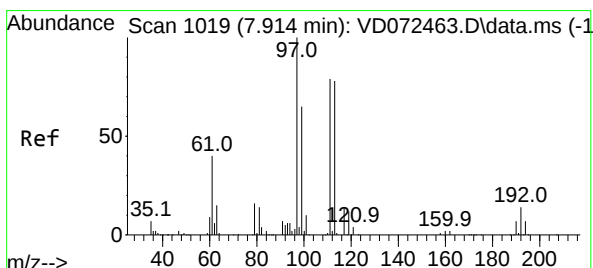
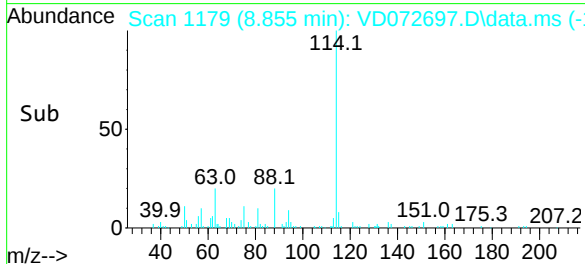
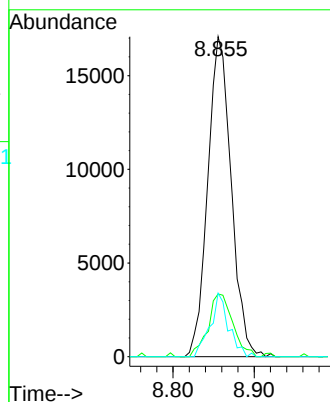
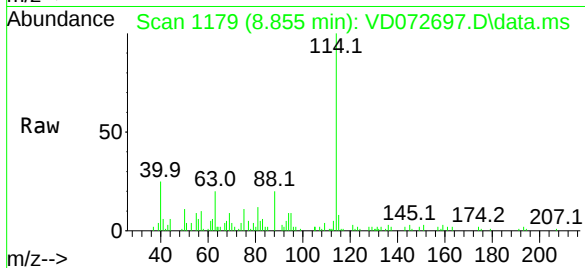
Tgt Ion:114 Resp: 34277

Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 19.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.048 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

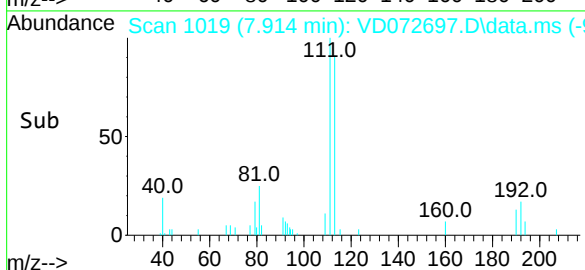
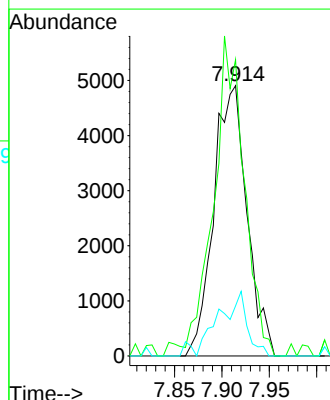
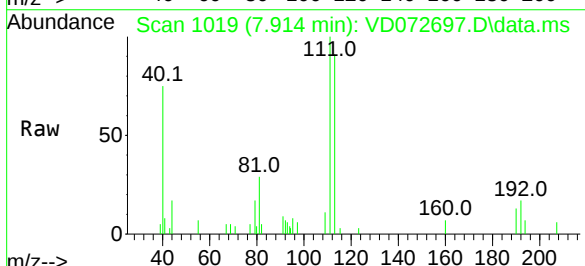
Tgt Ion:113 Resp: 12000

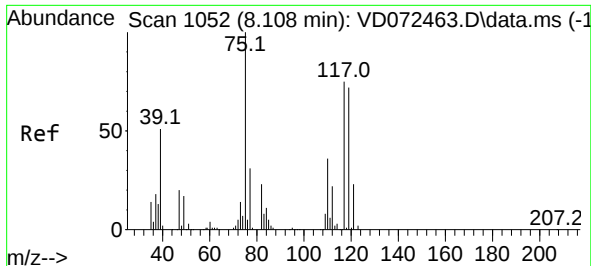
Ion Ratio Lower Upper

113 100

111 110.3 83.8 125.6

192 20.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.586 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

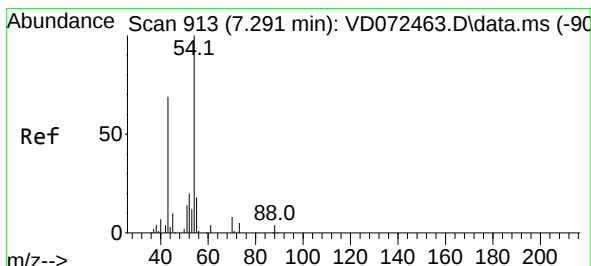
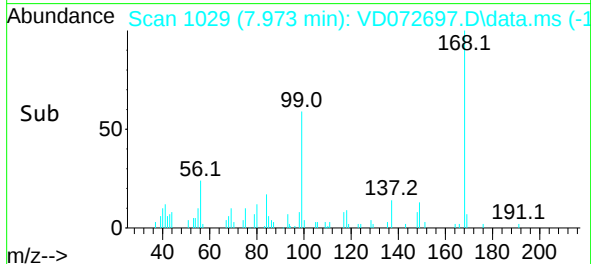
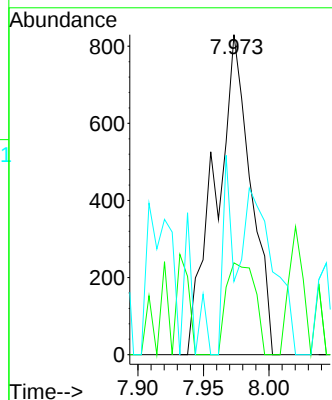
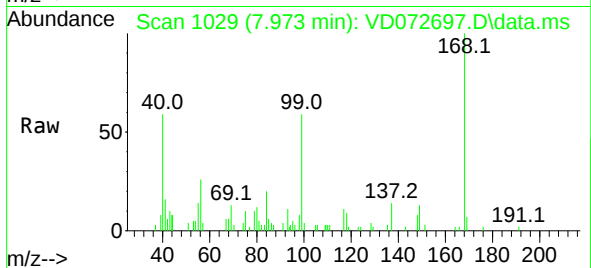
Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4

Tgt Ion:	75	Resp:	1554
Ion	Ratio	Lower	Upper
75	100		
110	23.2	16.4	49.1
77	16.1	24.2	36.2#



#37

Ethyl Acetate

Concen: 1.948 ug/l

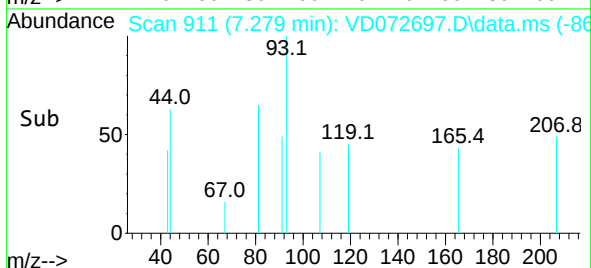
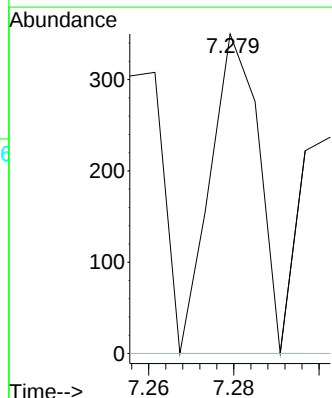
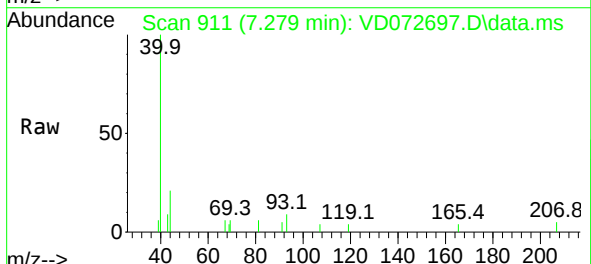
RT: 7.279 min Scan# 911

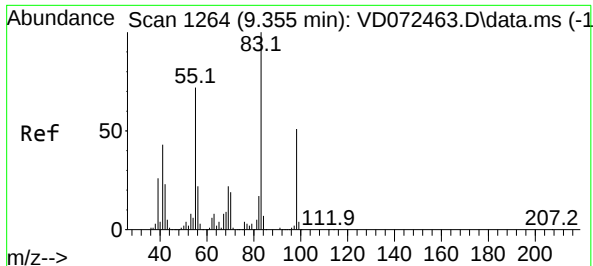
Delta R.T. -0.012 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Tgt Ion:	43	Resp:	275
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	6.9	10.3#

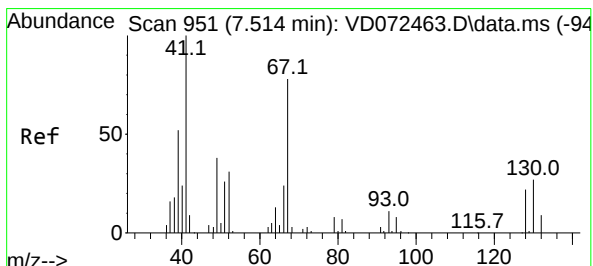
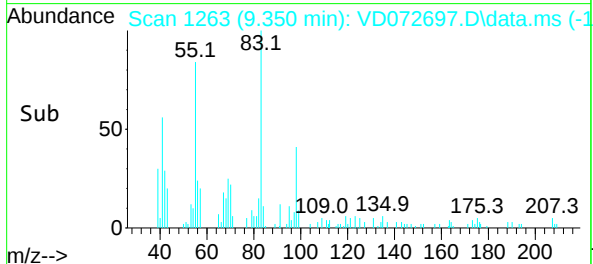
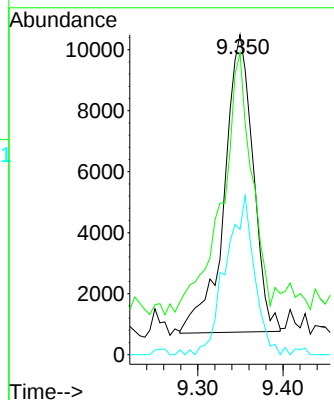
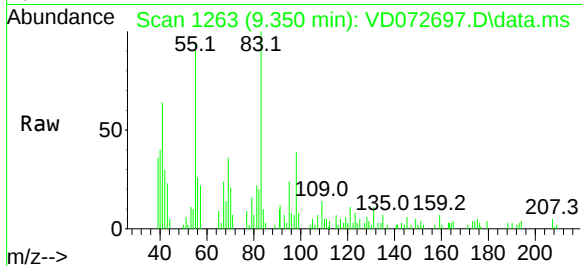




#39
Methylcyclohexane
Concen: 57.602 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

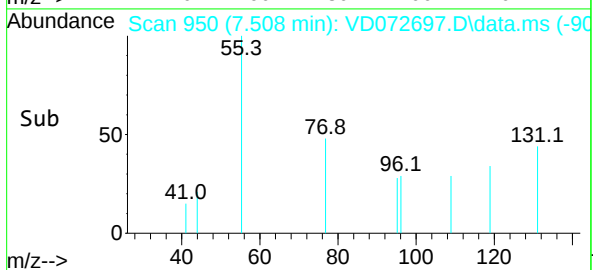
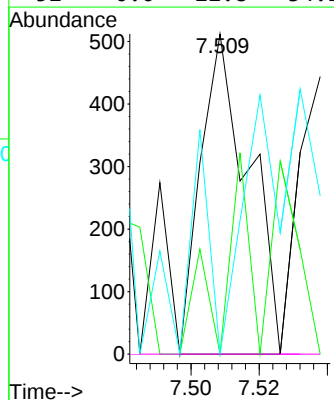
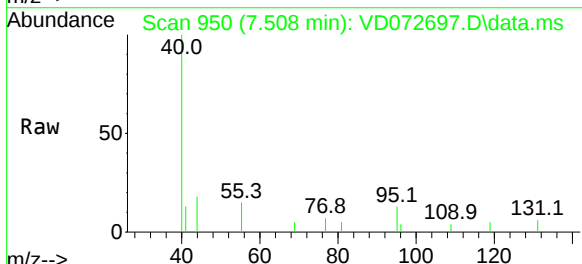
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

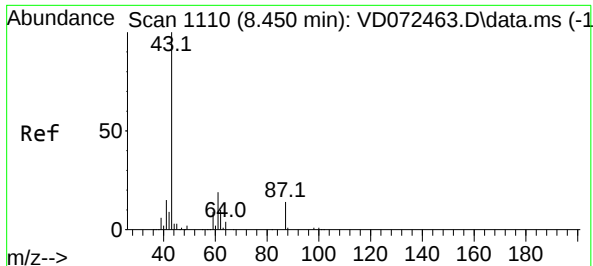
Tgt Ion: 83	Resp: 23020
Ion Ratio	Lower Upper
83 100	
55 83.9	63.2 94.8
98 42.2	38.2 57.4



#41
Methacrylonitrile
Concen: 7.507 ug/l
RT: 7.508 min Scan# 950
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 41	Resp: 499
Ion Ratio	Lower Upper
41 100	
39 34.7	44.6 67.0#
67 58.1	48.2 72.4
52 0.0	22.8 34.2#

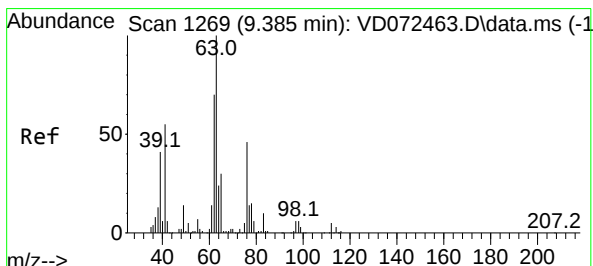
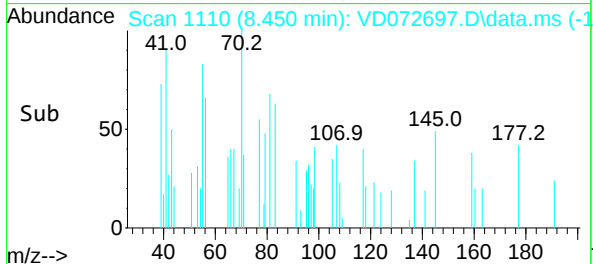
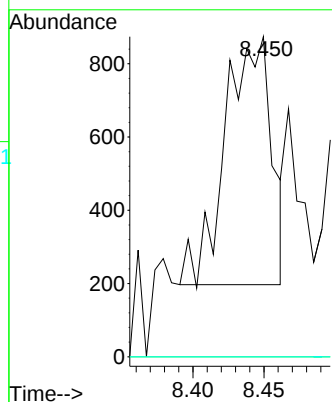
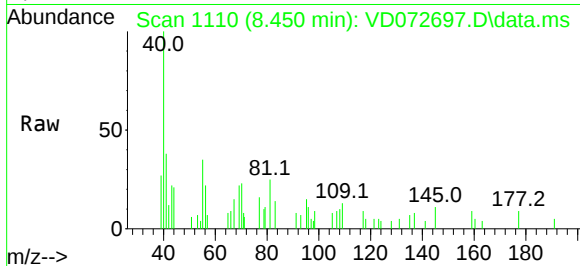




#43
Isopropyl Acetate
Concen: 5.681 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

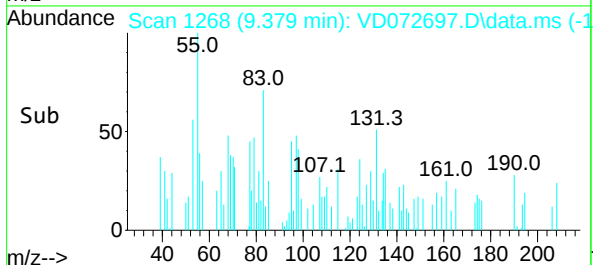
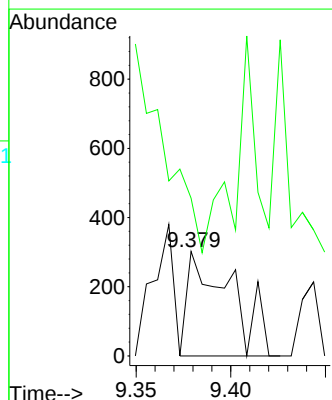
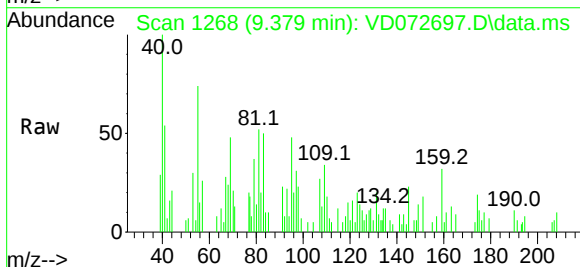
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

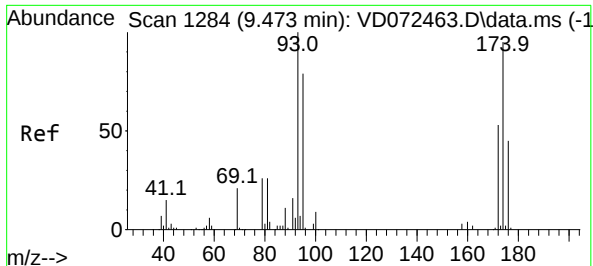
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 1.866 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 63 Resp: 483
Ion Ratio Lower Upper
63 100
65 0.0 26.2 39.4#





#46

Dibromomethane

Concen: 3.219 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4

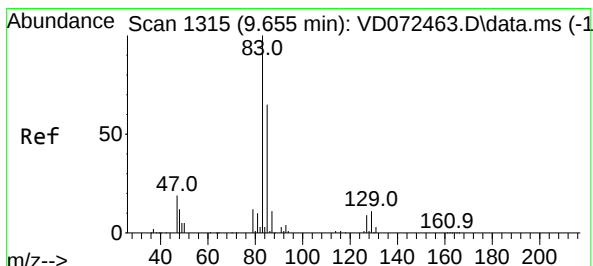
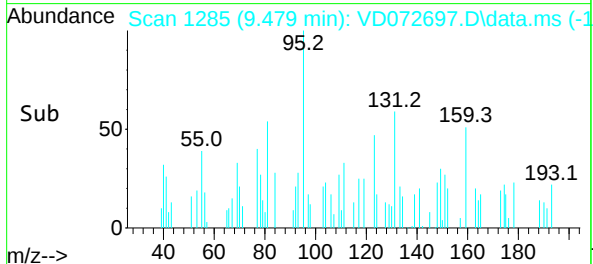
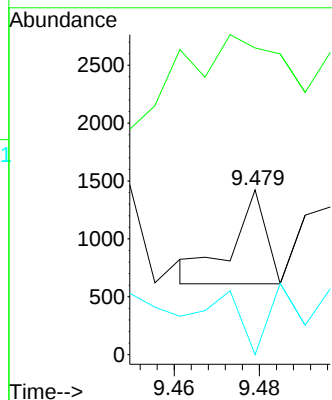
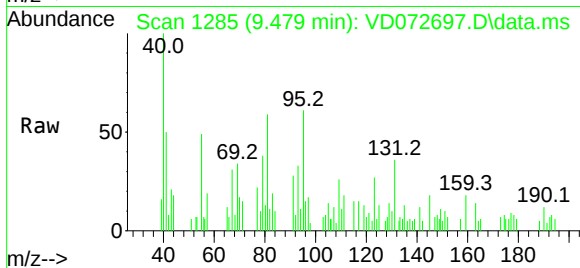
Tgt Ion: 93 Resp: 437

Ion Ratio Lower Upper

93 100

95 309.2 66.7 100.1#

174 0.0 71.6 107.4#



#47

Bromodichloromethane

Concen: 1.697 ug/l

RT: 9.667 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

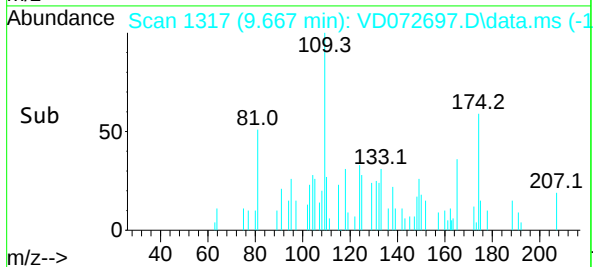
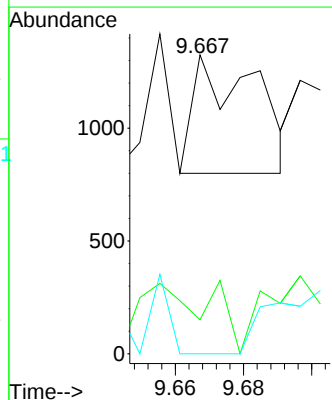
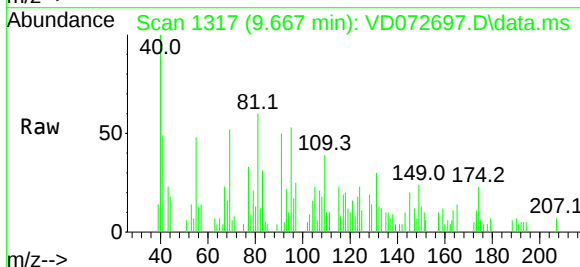
Tgt Ion: 83 Resp: 662

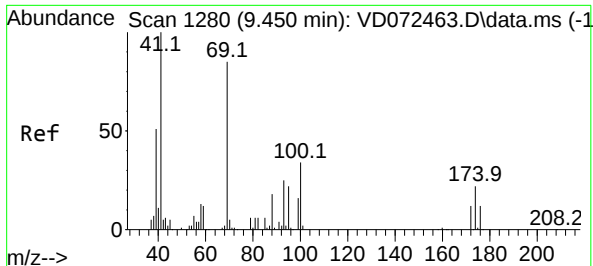
Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 10.674 ug/l

RT: 9.438 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4

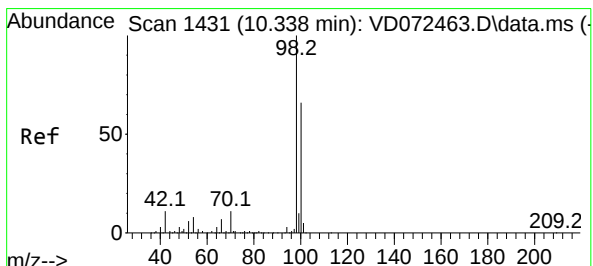
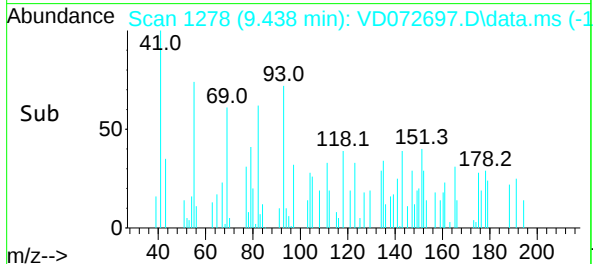
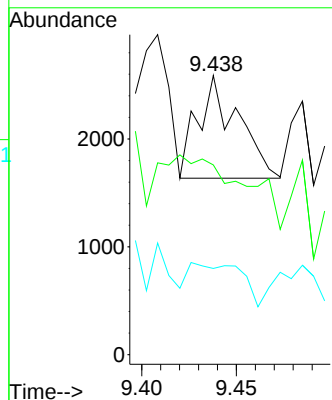
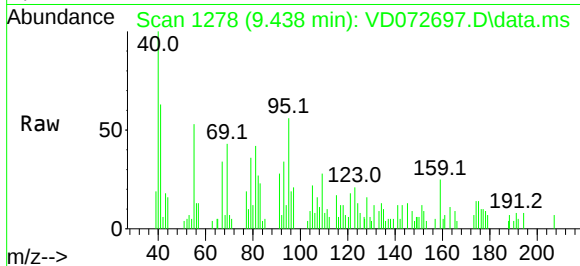
Tgt Ion: 41 Resp: 1403

Ion Ratio Lower Upper

41 100

69 118.0 56.7 85.1#

39 55.2 42.7 64.1



#50

Toluene-d8

Concen: 46.199 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072697.D

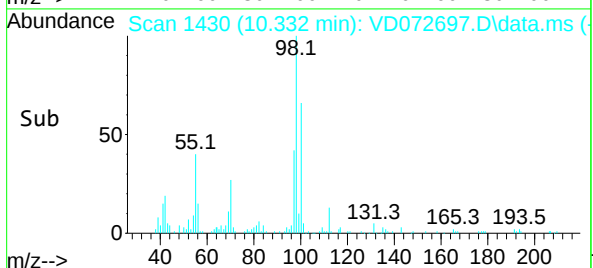
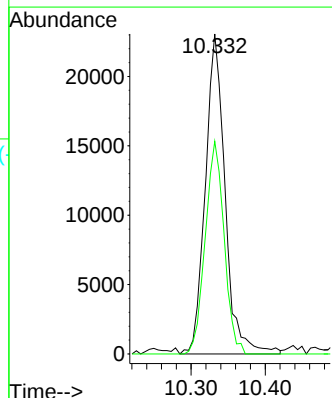
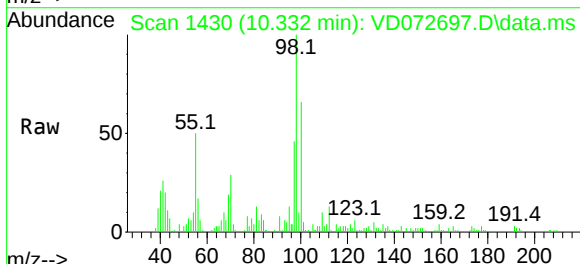
Acq: 22 Apr 2022 16:39

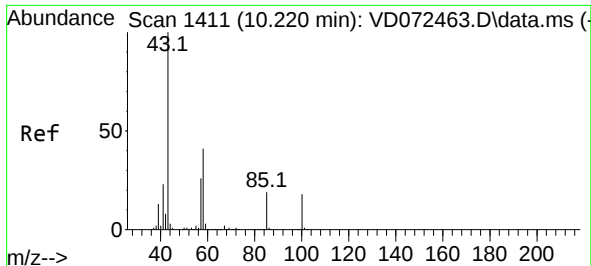
Tgt Ion: 98 Resp: 42778

Ion Ratio Lower Upper

98 100

100 63.4 52.4 78.6

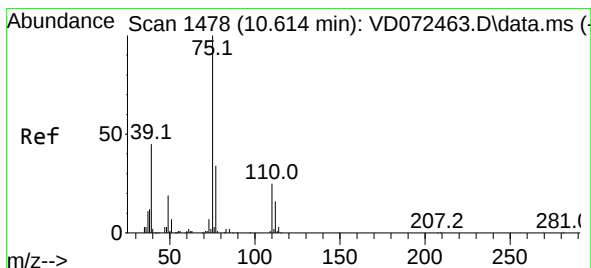
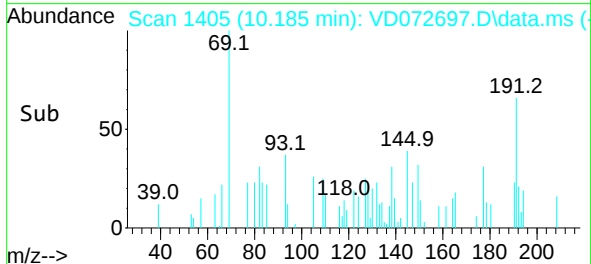
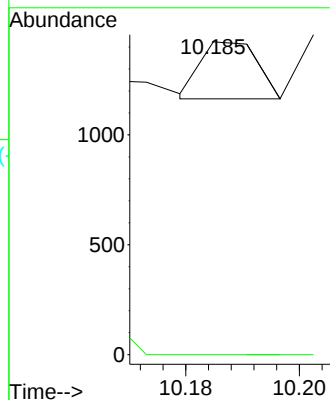
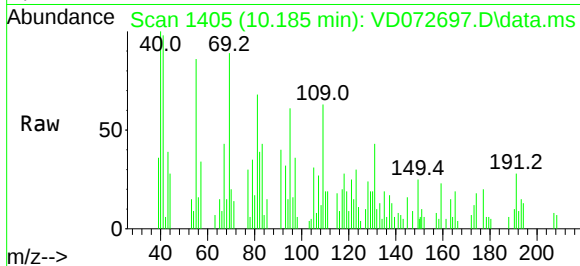




#51
4-Methyl-2-Pentanone
Concen: 1.232 ug/l
RT: 10.185 min Scan# 1411
Delta R.T. -0.035 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

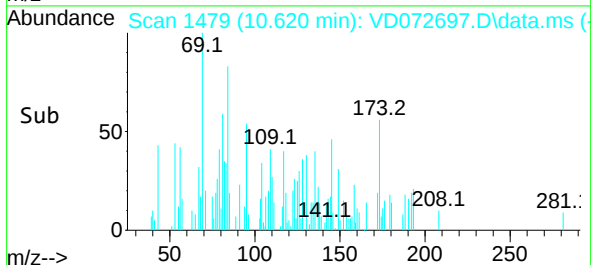
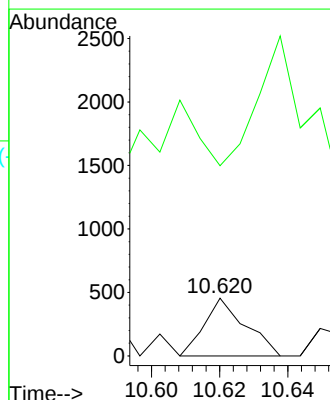
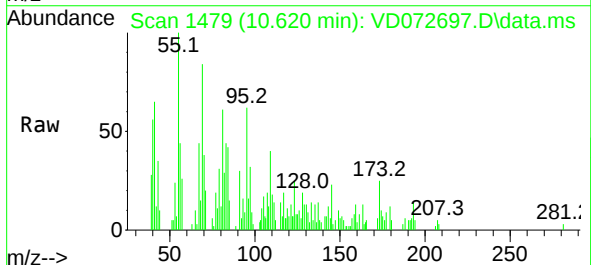
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

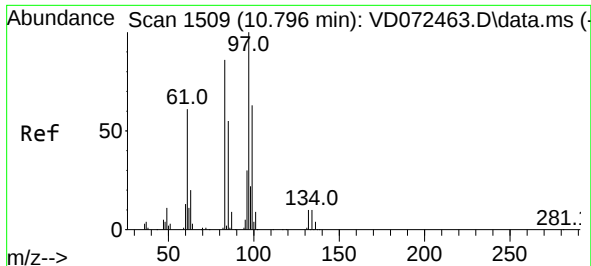
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 31.3 28.6 43.0



#53
t-1,3-Dichloropropene
Concen: 1.121 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 75 Resp: 381
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#

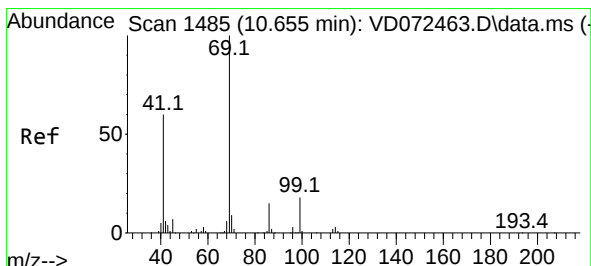
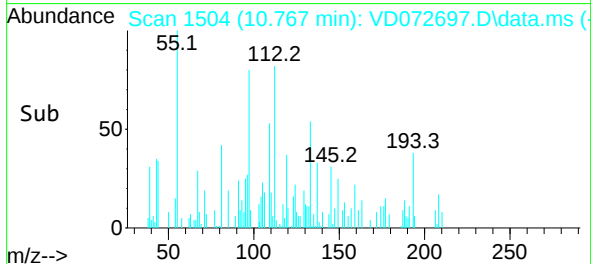
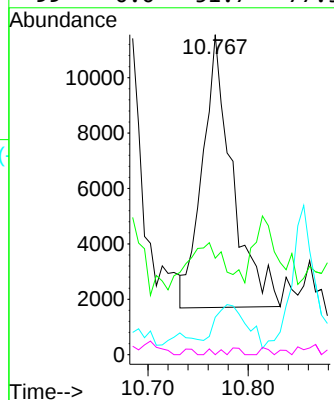
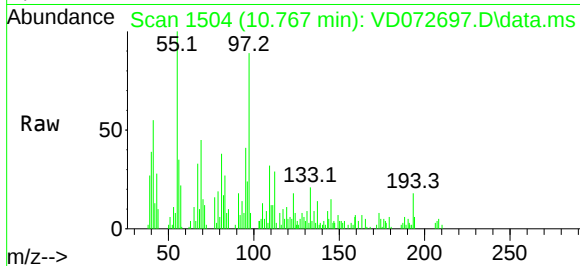




#55
1,1,2-Trichloroethane
Concen: 99.442 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

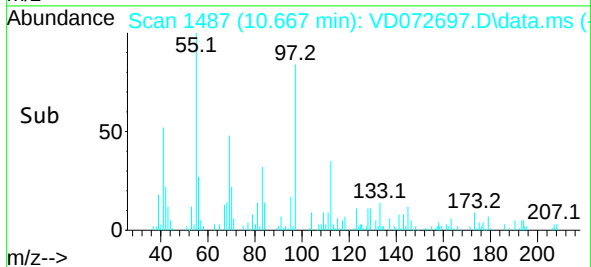
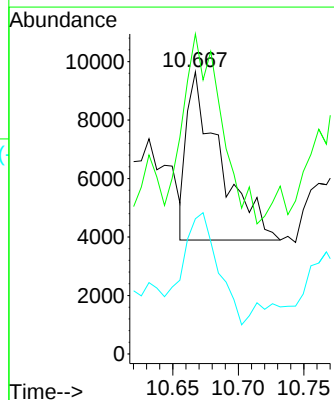
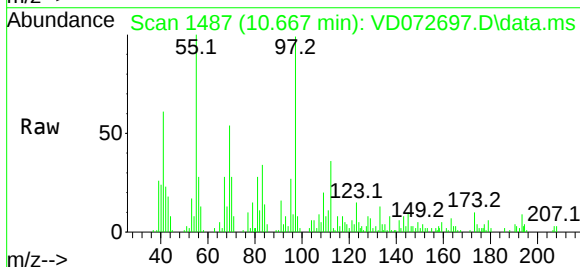
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

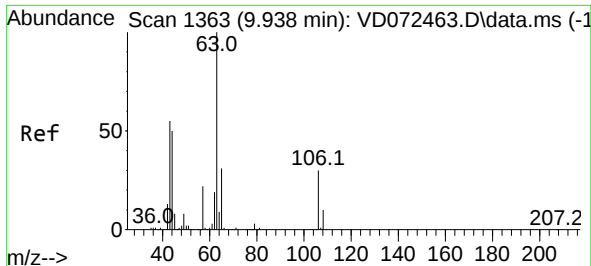
Tgt Ion: 97 Resp: 20469
Ion Ratio Lower Upper
97 100
83 5.2 69.0 103.4#
85 5.7 42.6 63.8#
99 0.0 51.7 77.5#



#56
Ethyl methacrylate
Concen: 40.691 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 69 Resp: 10241
Ion Ratio Lower Upper
69 100
41 127.7 63.0 94.6#
39 69.5 33.8 50.8#

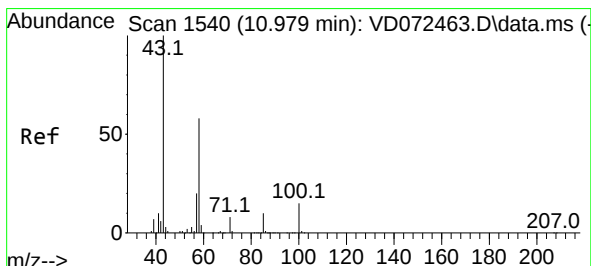
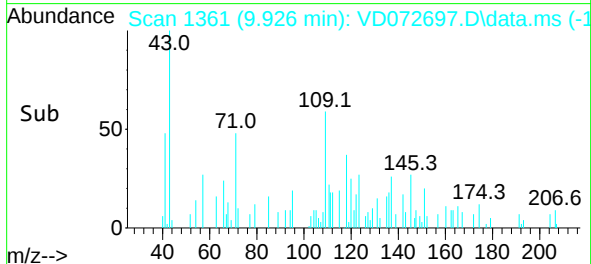
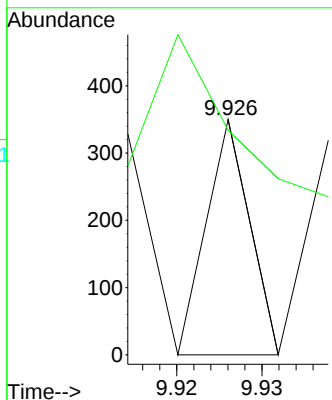
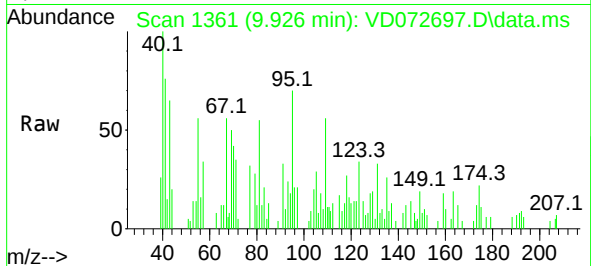




#58
2-Chloroethyl Vinyl ether
Concen: 1.220 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

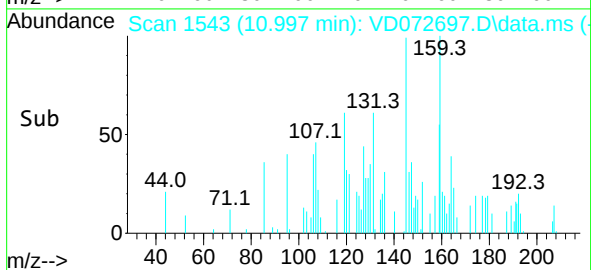
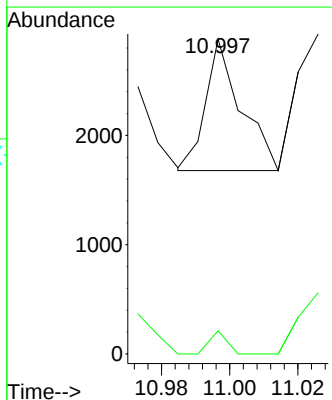
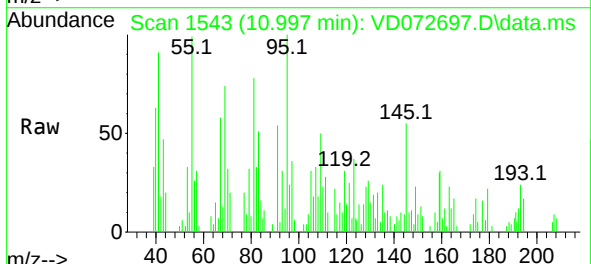
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

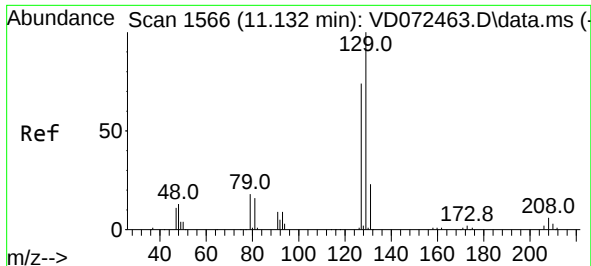
Tgt Ion: 63 Resp: 124
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 8.776 ug/l
RT: 10.997 min Scan# 1543
Delta R.T. 0.018 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 8.7 25.3 75.9#

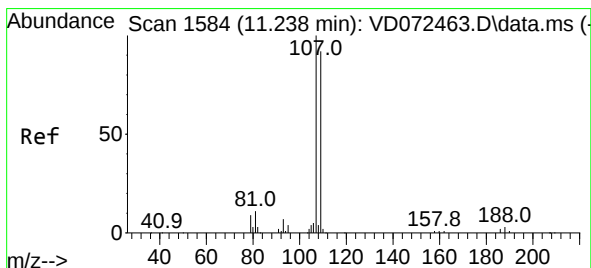
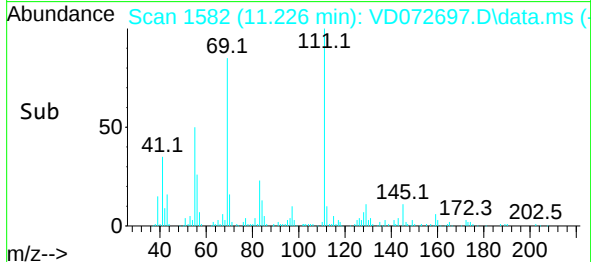
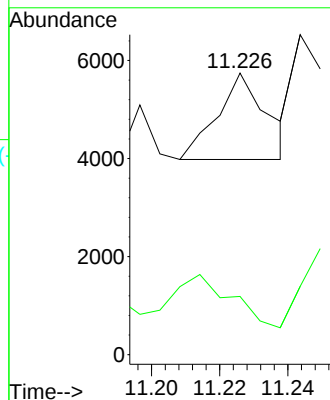
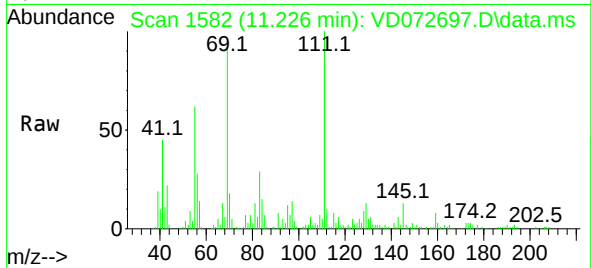




#60
Dibromochloromethane
Concen: 6.632 ug/l
RT: 11.226 min Scan# 1582
Delta R.T. 0.094 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

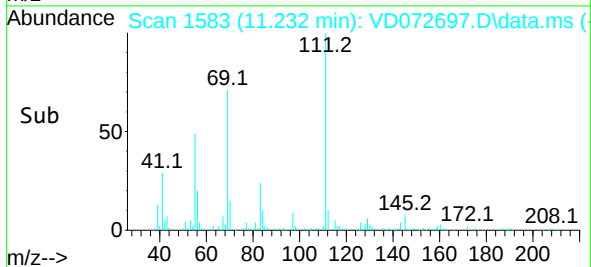
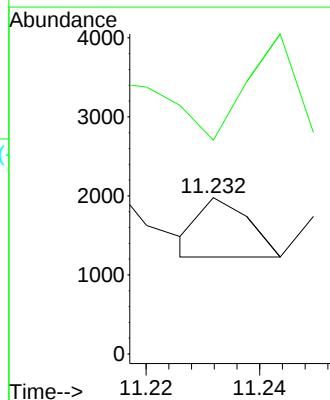
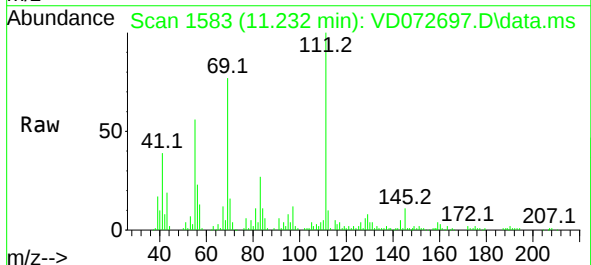
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

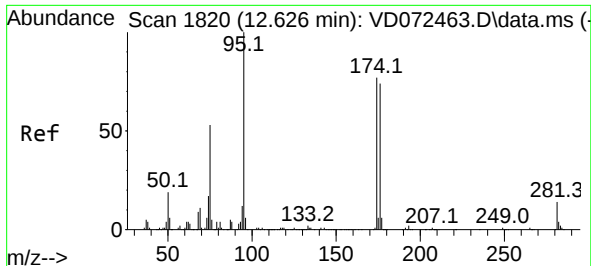
Tgt Ion:129 Resp: 1761
Ion Ratio Lower Upper
129 100
127 73.7 39.2 117.6



#61
1,2-Dibromoethane
Concen: 2.440 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:107 Resp: 446
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#

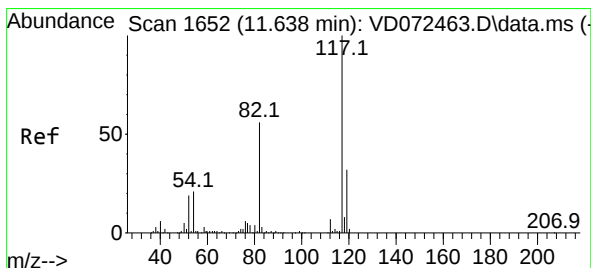
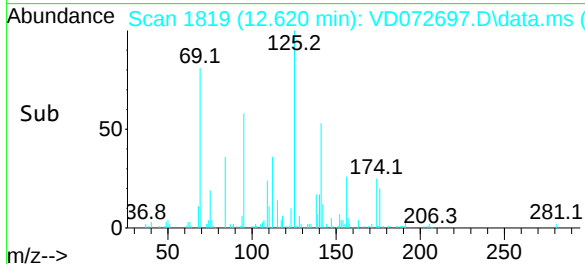
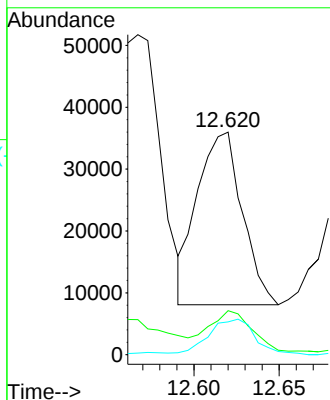
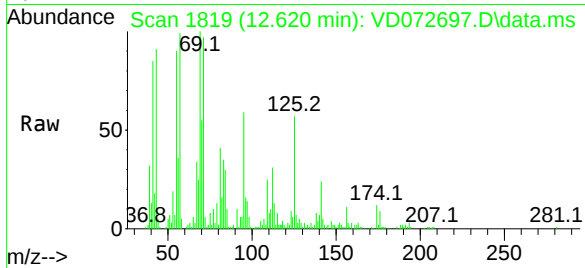




#62
4-Bromofluorobenzene
Concen: 141.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

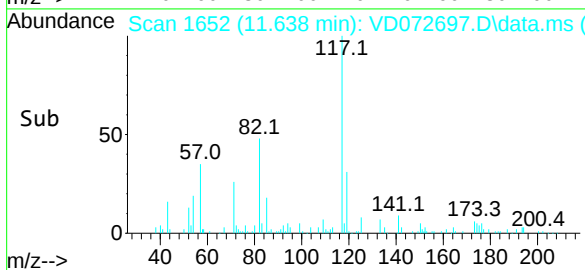
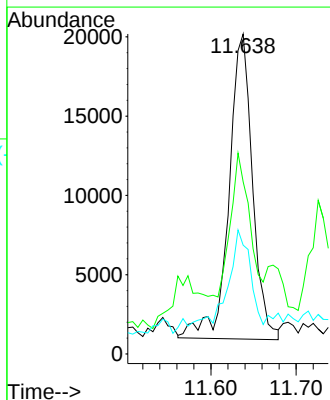
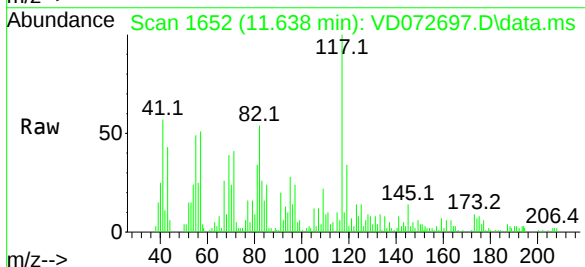
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

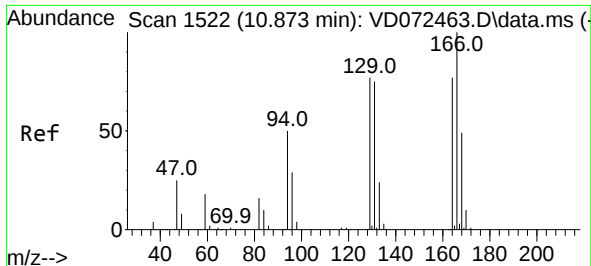
Tgt Ion: 95 Resp: 51210
Ion Ratio Lower Upper
95 100
174 23.0 0.0 152.8
176 21.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 117 Resp: 37040
Ion Ratio Lower Upper
117 100
82 31.2 45.3 67.9#
119 27.3 26.6 40.0

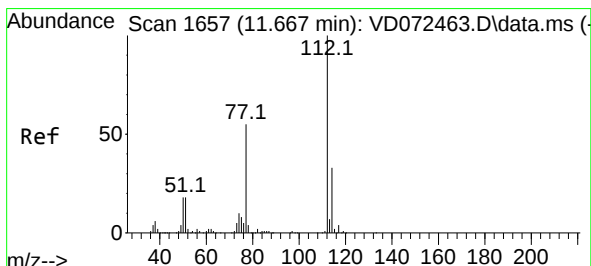
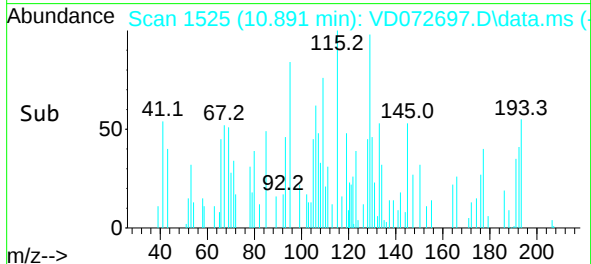
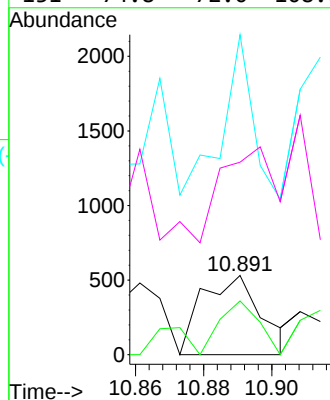
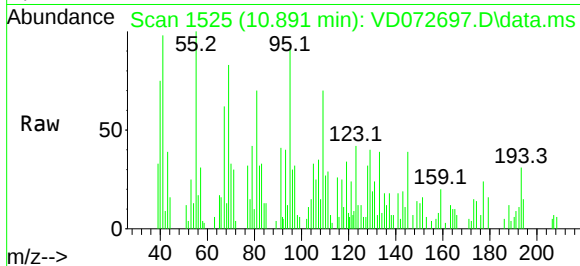




#64
Tetrachloroethene
Concen: 2.632 ug/l
RT: 10.891 min Scan# 1525
Delta R.T. 0.018 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

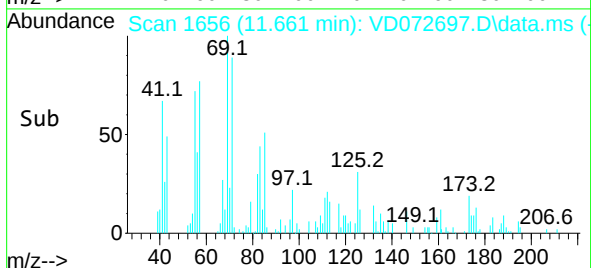
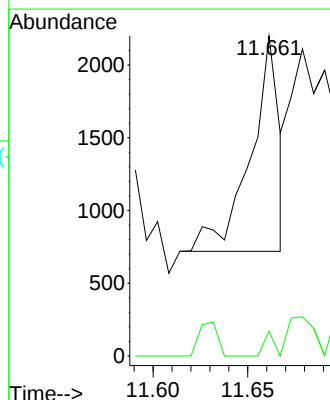
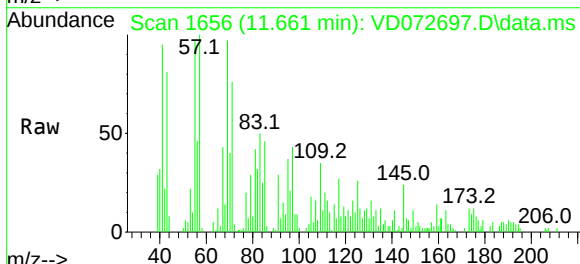
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

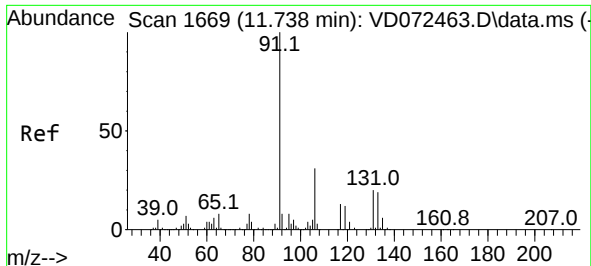
Tgt Ion:164 Resp: 637
Ion Ratio Lower Upper
164 100
166 68.0 98.5 147.7#
129 207.5 74.6 111.8#
131 74.8 72.0 108.0



#65
Chlorobenzene
Concen: 1.887 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:112 Resp: 1563
Ion Ratio Lower Upper
112 100
114 11.4 25.8 38.6#

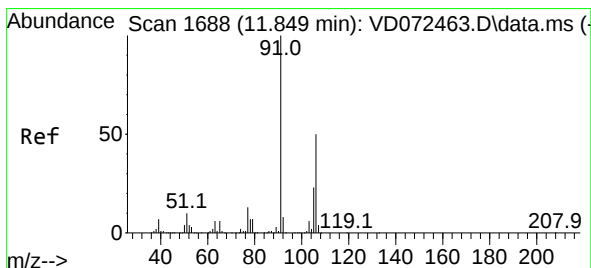
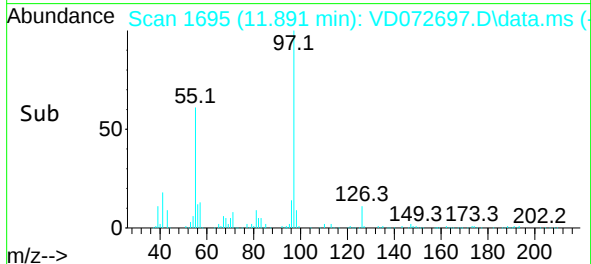
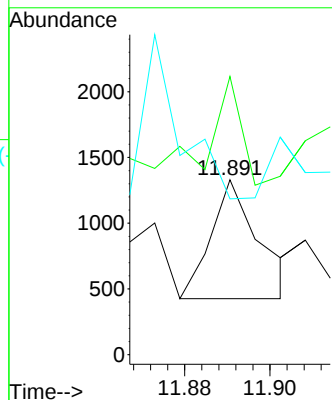
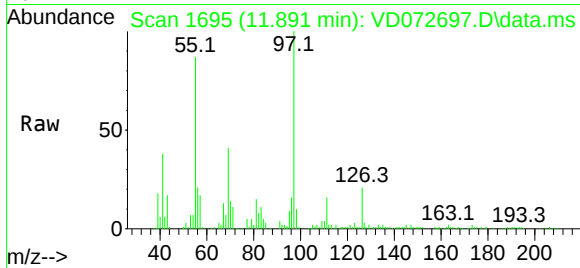




#66
1,1,1,2-Tetrachloroethane
Concen: 2.138 ug/l
RT: 11.891 min Scan# 1695
Delta R.T. 0.153 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

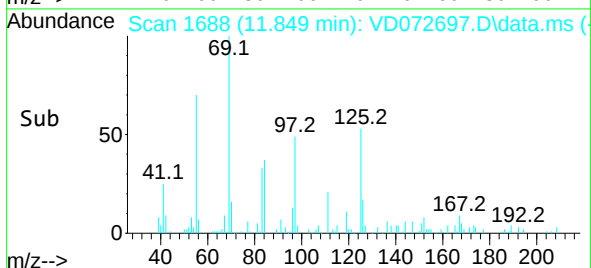
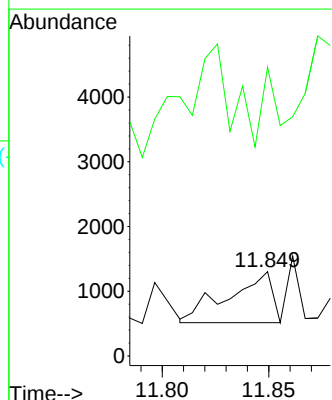
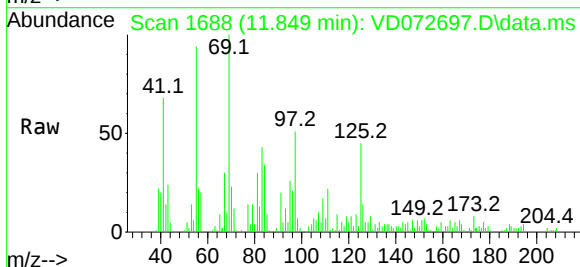
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

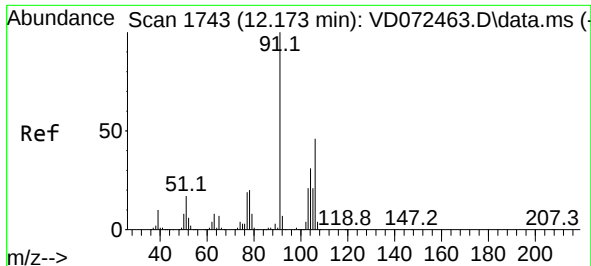
Tgt Ion:131 Resp: 708
Ion Ratio Lower Upper
131 100
133 48.3 48.1 144.3
119 52.3 31.9 95.9



#68
m/p-Xylenes
Concen: 2.041 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:106 Resp: 1119
Ion Ratio Lower Upper
106 100
91 49.3 163.7 245.5#

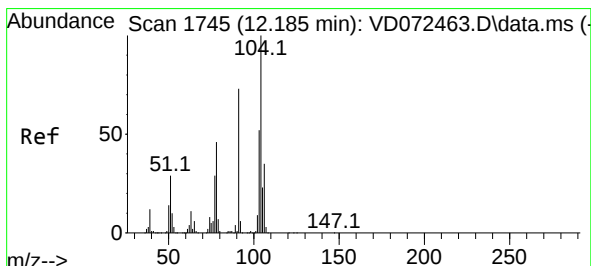
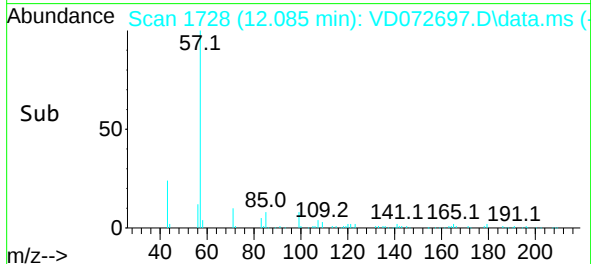
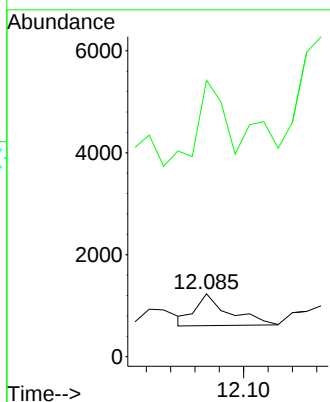
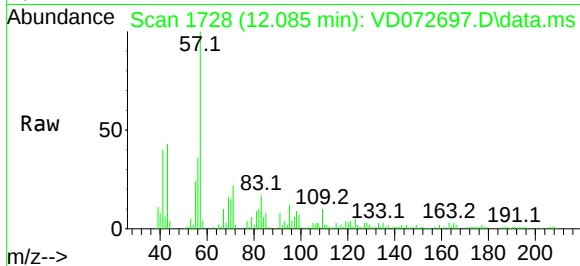




#69
o-Xylene
Concen: 1.108 ug/l
RT: 12.085 min Scan# 1743
Delta R.T. -0.088 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

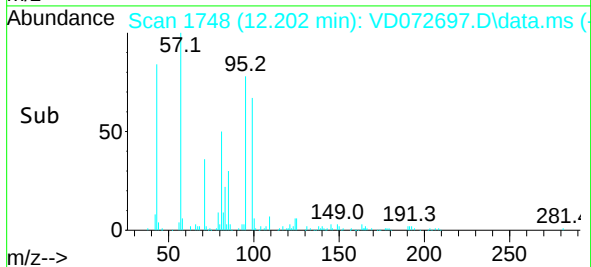
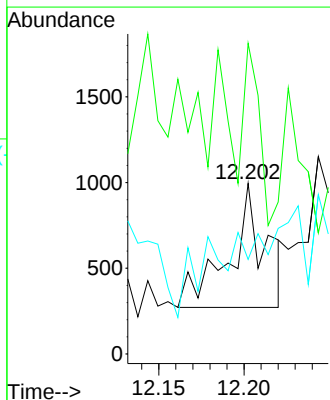
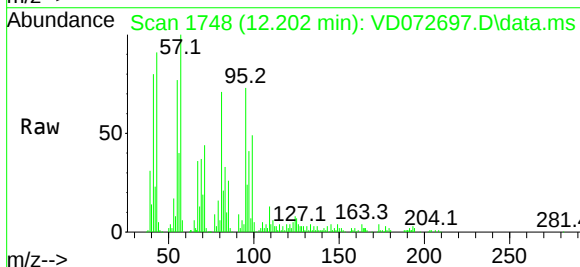
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

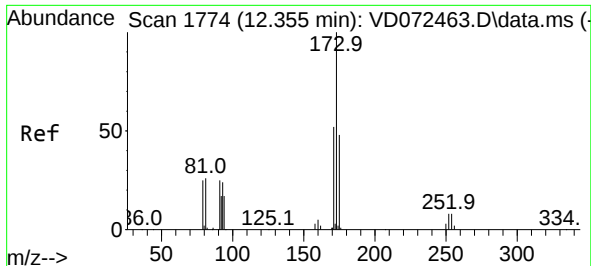
Tgt Ion:106 Resp: 586
Ion Ratio Lower Upper
106 100
91 223.0 110.4 331.2



#70
Styrene
Concen: 1.138 ug/l
RT: 12.202 min Scan# 1748
Delta R.T. 0.018 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:104 Resp: 1061
Ion Ratio Lower Upper
104 100
78 60.6 41.8 62.8
103 0.0 44.2 66.4#

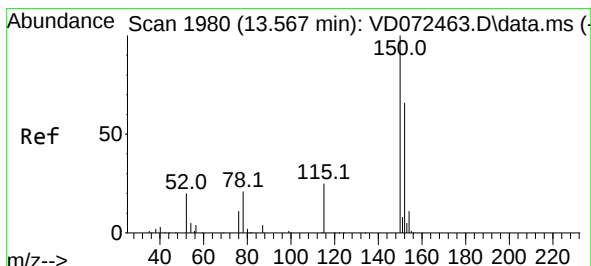
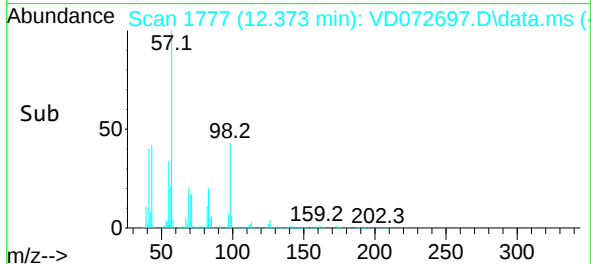
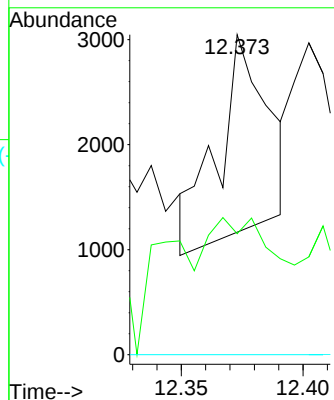
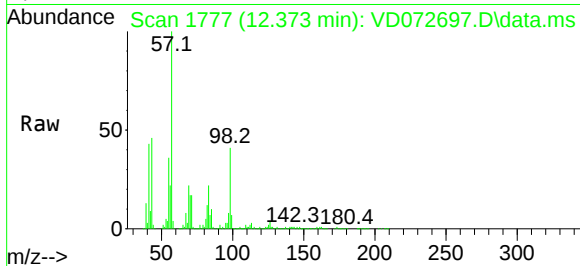




#71
Bromoform
Concen: 14.984 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

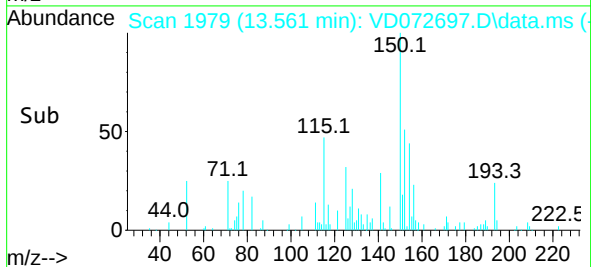
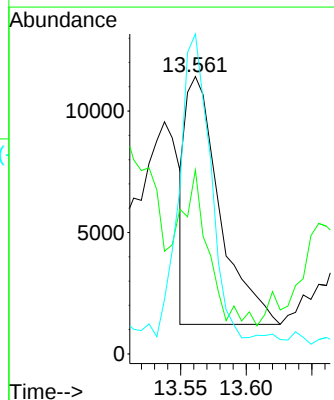
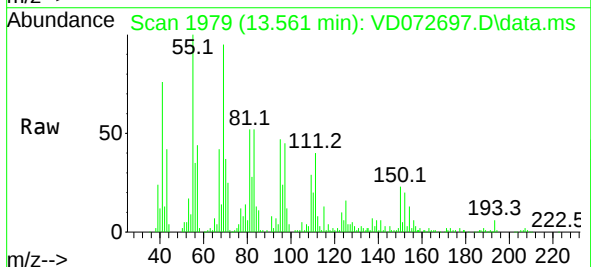
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

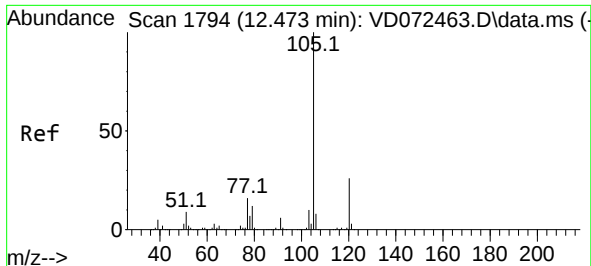
Tgt Ion:173 Resp: 2630
Ion Ratio Lower Upper
173 100
175 28.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:152 Resp: 18424
Ion Ratio Lower Upper
152 100
115 48.8 31.3 93.8
150 112.5 0.0 348.6

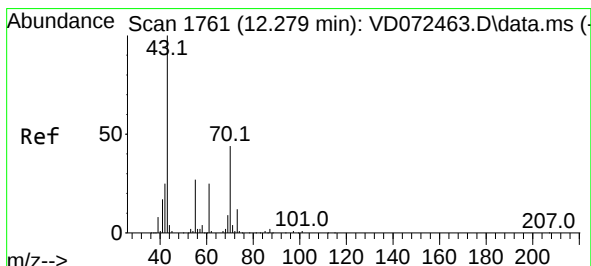
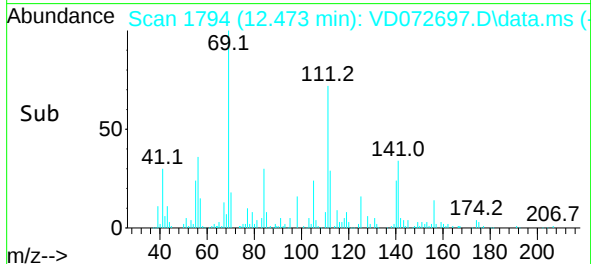
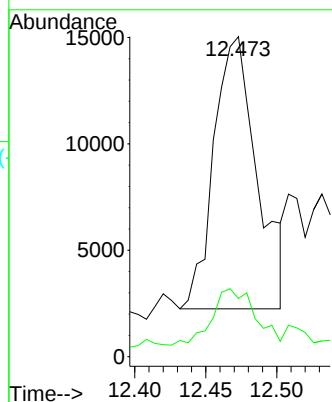
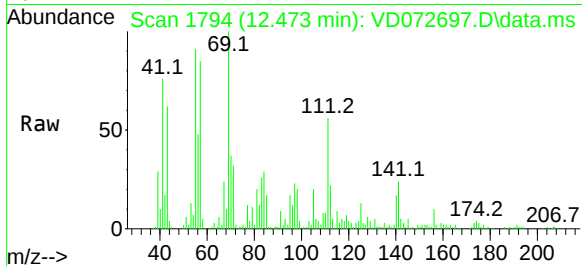




#73
Isopropylbenzene
Concen: 18.219 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

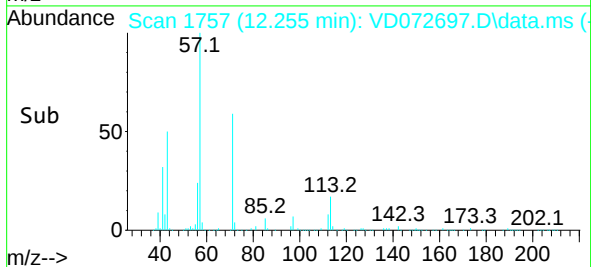
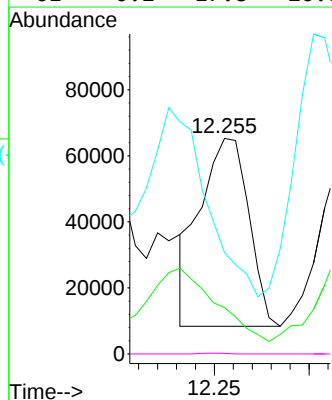
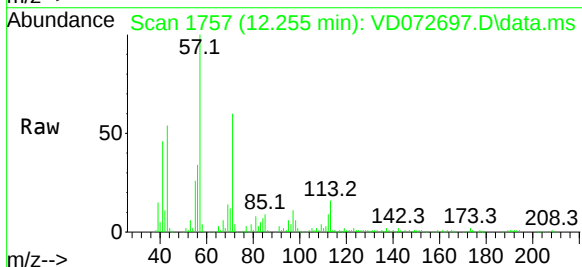
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

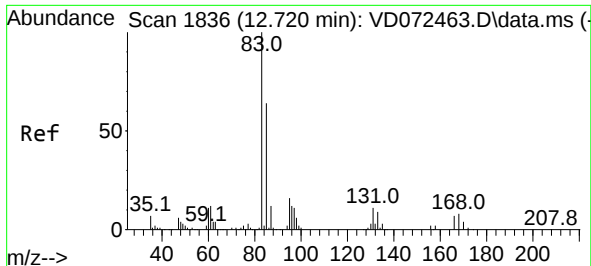
Tgt Ion:105 Resp: 27108
Ion Ratio Lower Upper
105 100
120 21.0 13.0 38.9



#74
N-ethyl acetate
Concen: 324.920 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.023 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 43 Resp: 101440
Ion Ratio Lower Upper
43 100
70 0.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.2 17.8 26.8#

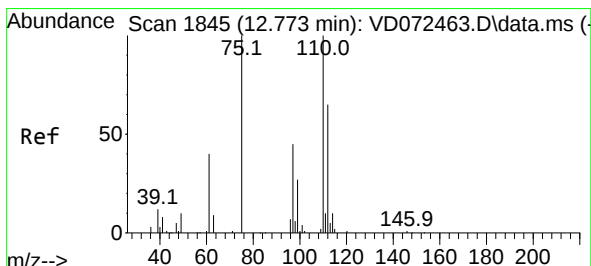
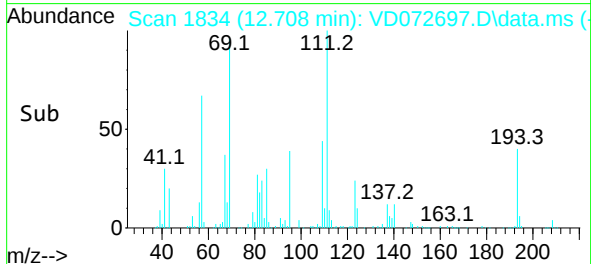
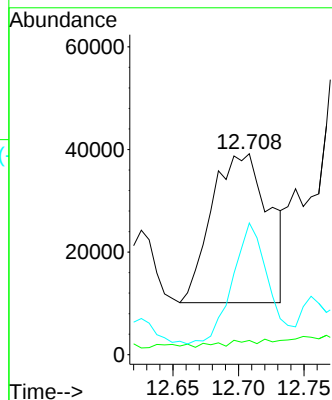
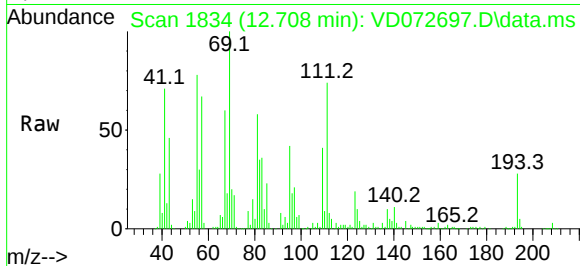




#75
1,1,2,2-Tetrachloroethane
Concen: 313.100 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

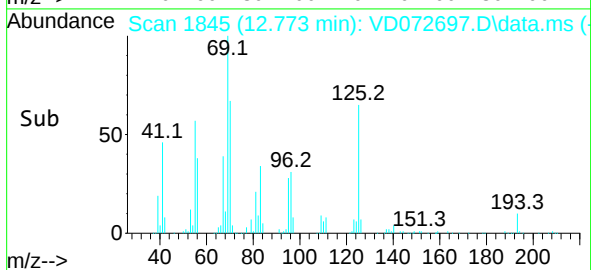
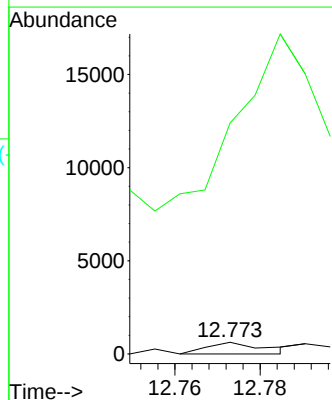
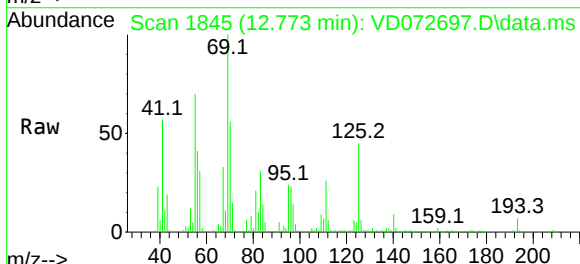
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

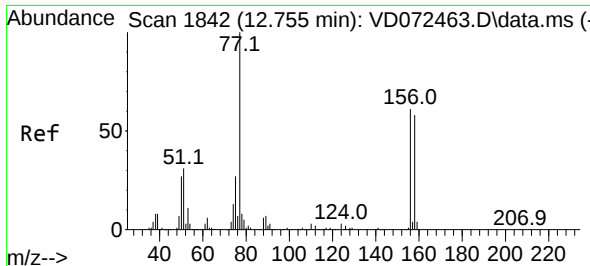
Tgt Ion: 83 Resp: 88242
Ion Ratio Lower Upper
83 100
131 2.7 5.0 14.9#
85 51.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 2.931 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 75 Resp: 589
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

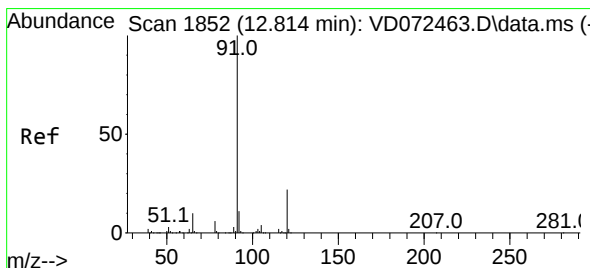
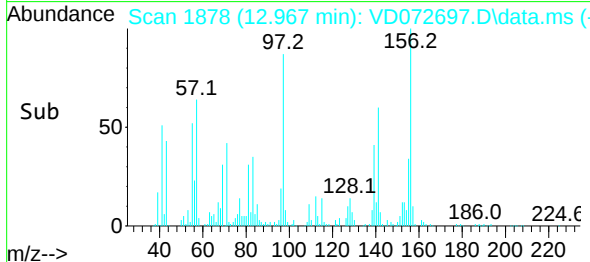
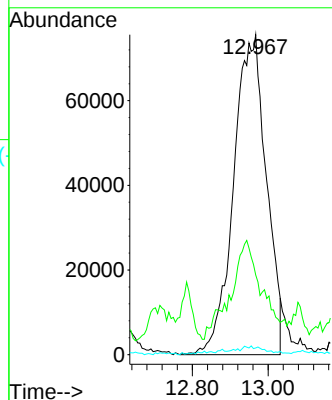
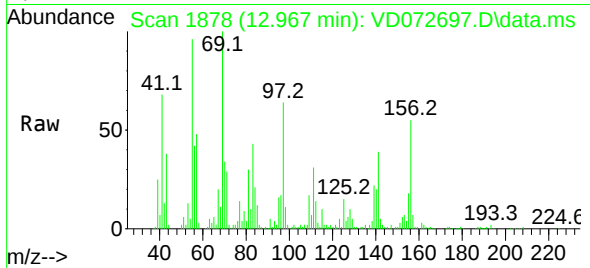




#77
Bromobenzene
Concen: 1352.953 ug/l
RT: 12.967 min Scan# 1878
Delta R.T. 0.212 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

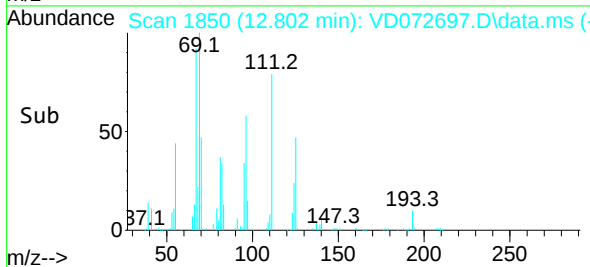
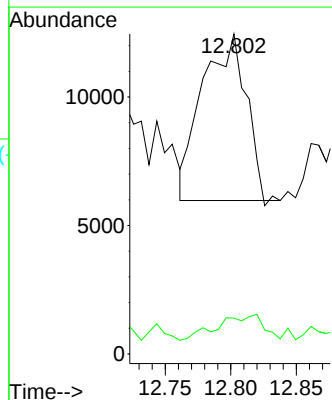
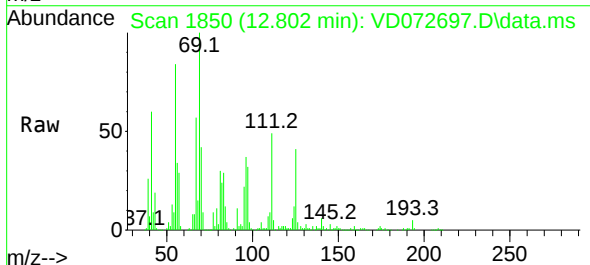
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

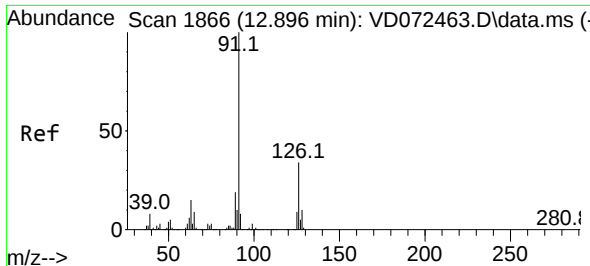
Tgt Ion:156 Resp: 451217
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 8.379 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 91 Resp: 15041
Ion Ratio Lower Upper
91 100
120 16.1 10.9 32.9

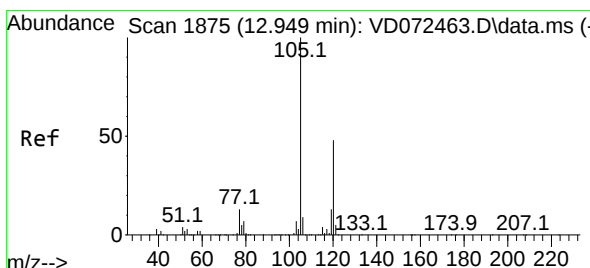
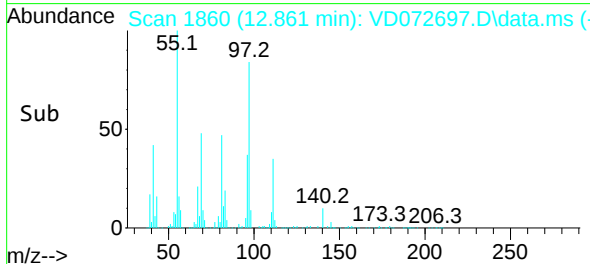
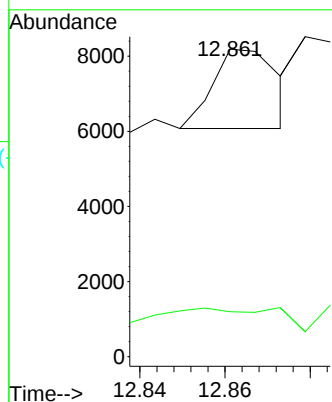
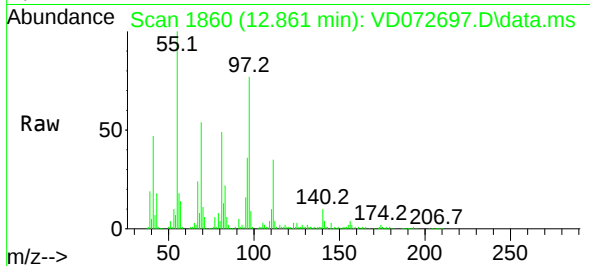




#79
2-Chlorotoluene
Concen: 2.121 ug/l
RT: 12.861 min Scan# 1860
Delta R.T. -0.035 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

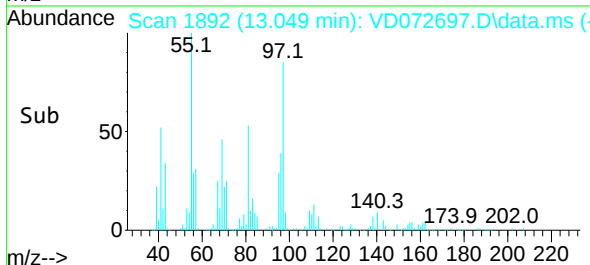
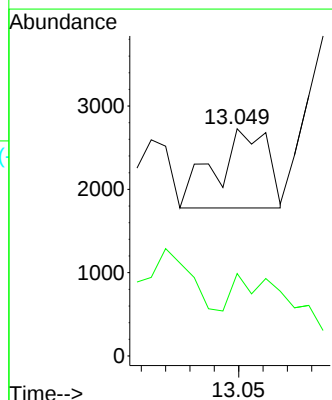
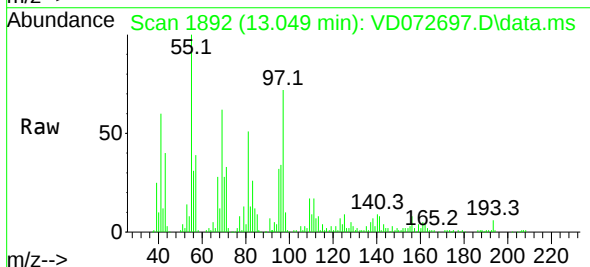
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

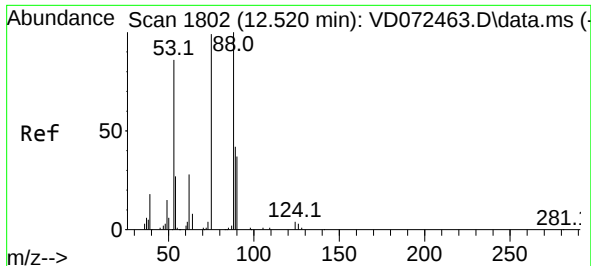
Tgt Ion: 91 Resp: 2227
Ion Ratio Lower Upper
91 100
126 89.7 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 1.098 ug/l
RT: 13.049 min Scan# 1892
Delta R.T. 0.100 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 105 Resp: 1399
Ion Ratio Lower Upper
105 100
120 70.7 24.3 72.8

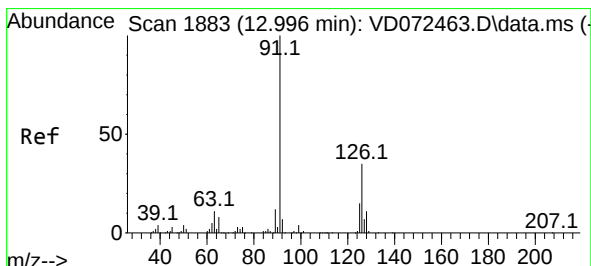
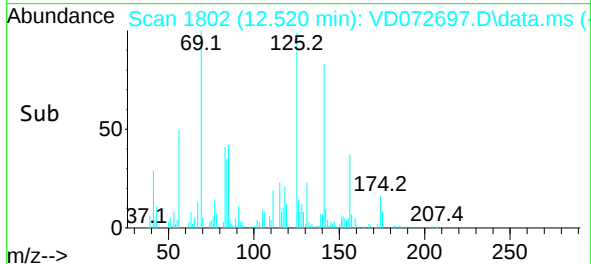
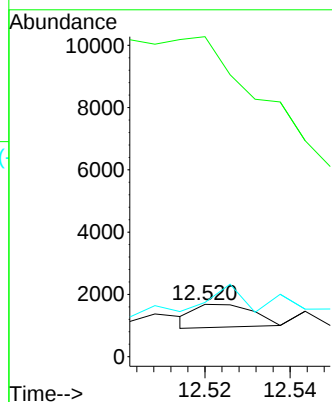
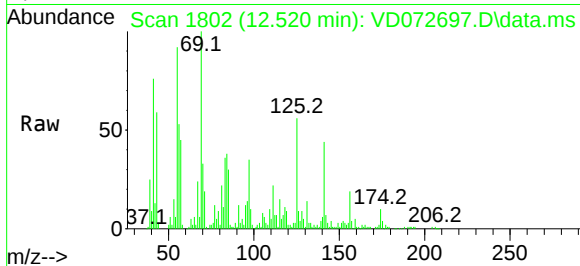




#81
trans-1,4-Dichloro-2-butene
Concen: 8.487 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

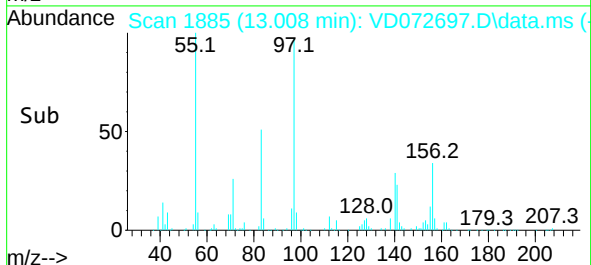
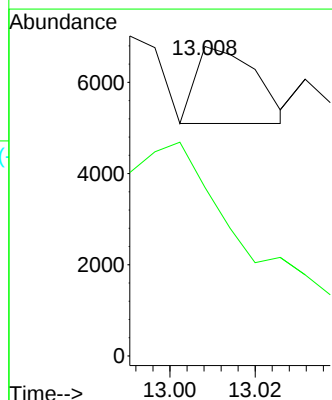
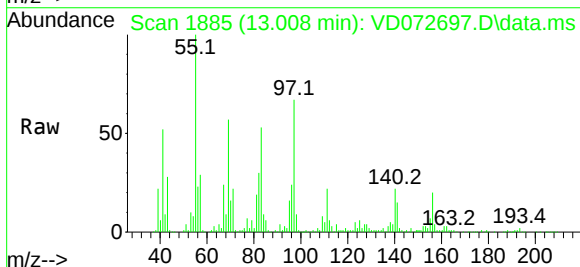
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

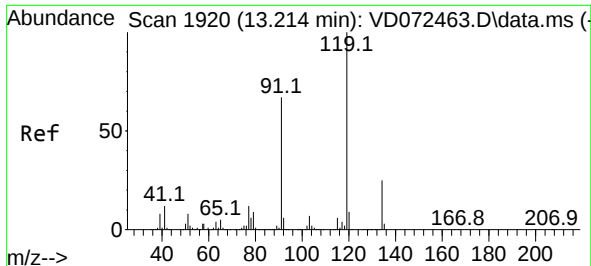
Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 811.2 33.9 50.9#



#82
4-Chlorotoluene
Concen: 1.514 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.012 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion: 91 Resp: 1655
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#

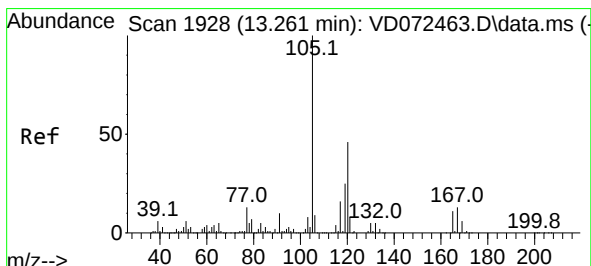
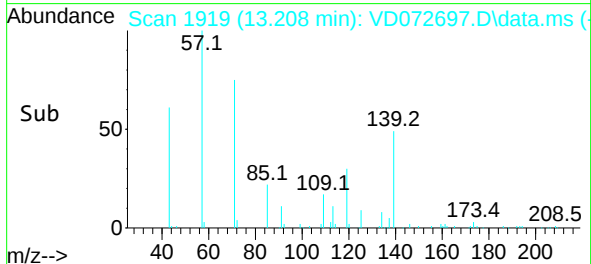
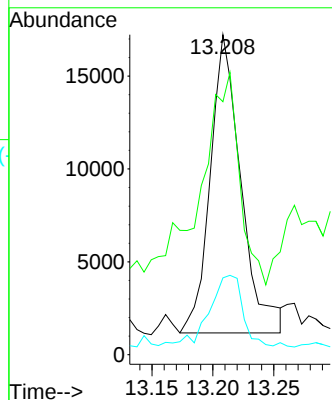
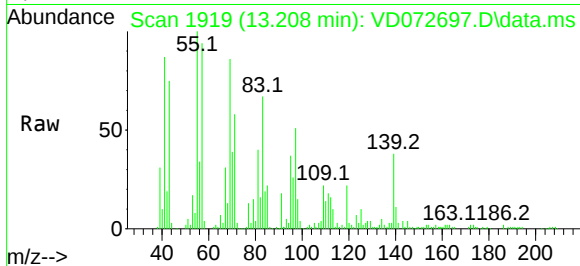




#83
tert-Butylbenzene
Concen: 25.553 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

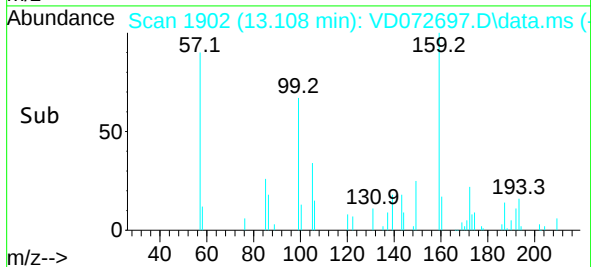
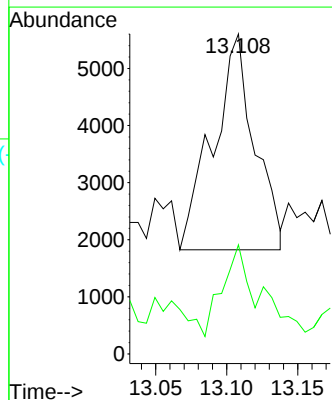
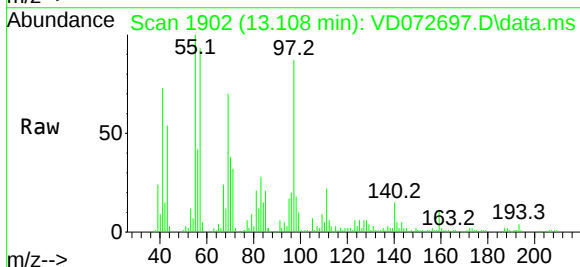
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4

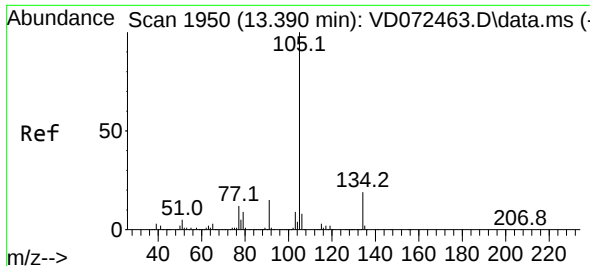
Tgt Ion:119 Resp: 28191
Ion Ratio Lower Upper
119 100
91 91.9 34.8 104.5
134 25.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 6.151 ug/l
RT: 13.108 min Scan# 1902
Delta R.T. -0.153 min
Lab File: VD072697.D
Acq: 22 Apr 2022 16:39

Tgt Ion:105 Resp: 7665
Ion Ratio Lower Upper
105 100
120 38.3 22.3 66.8

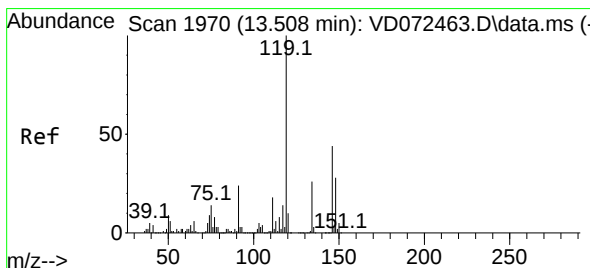
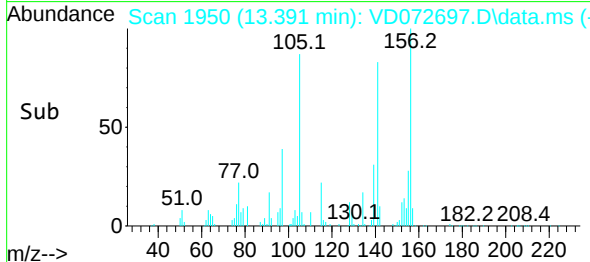
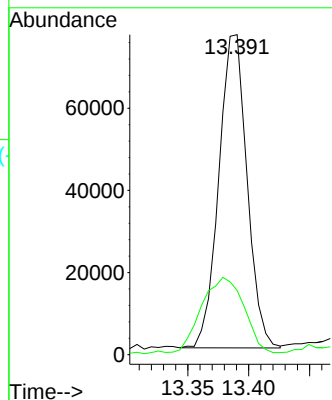
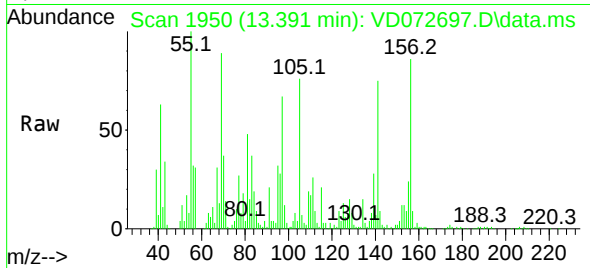




#85
 sec-Butylbenzene
 Concen: 74.148 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

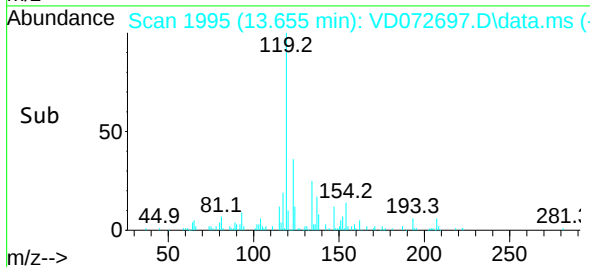
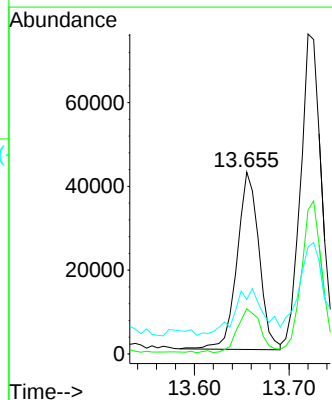
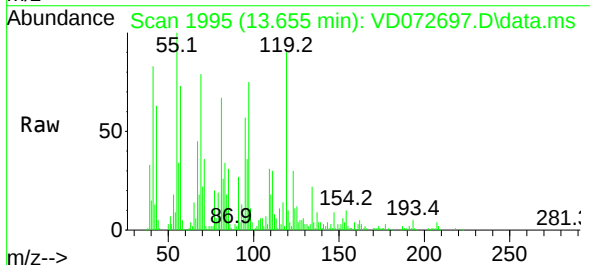
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4

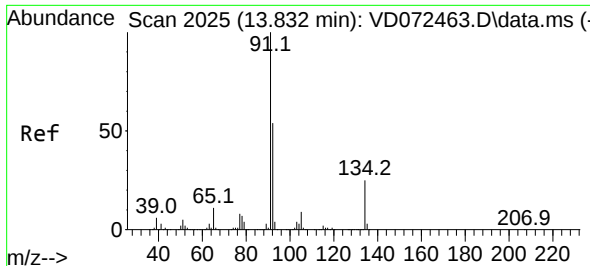
Tgt Ion:105 Resp: 123216
 Ion Ratio Lower Upper
 105 100
 134 35.7 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 50.132 ug/l
 RT: 13.655 min Scan# 1995
 Delta R.T. 0.147 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

Tgt Ion:119 Resp: 68094
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 31.7 12.1 36.3





#89

n-Butylbenzene

Concen: 22.034 ug/l

RT: 13.826 min Scan# 2025

Delta R.T. -0.006 min

Lab File: VD072697.D

Acq: 22 Apr 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4

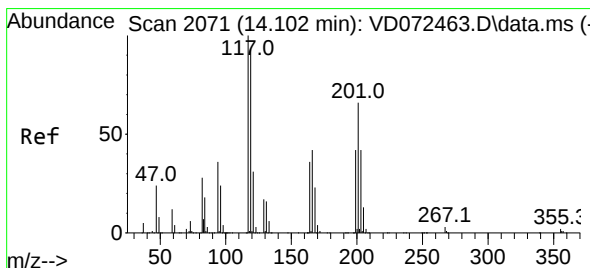
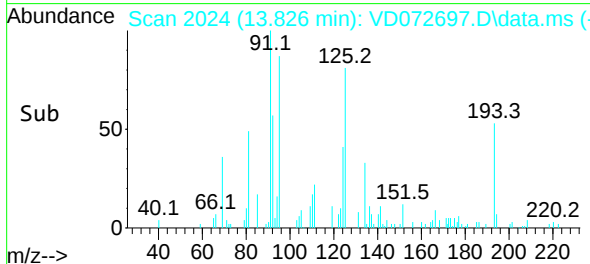
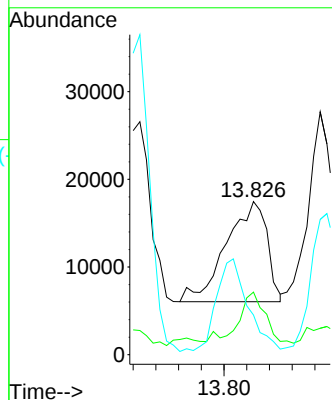
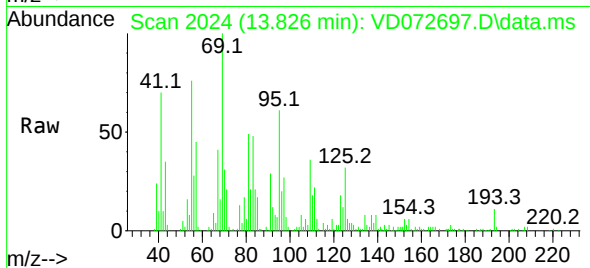
Tgt Ion: 91 Resp: 28511

Ion Ratio Lower Upper

91 100

92 38.0 26.6 79.8

134 71.8 12.3 36.9#



#90

Hexachloroethane

Concen: 18.705 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VD072697.D

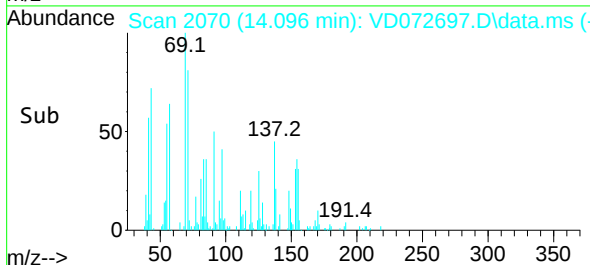
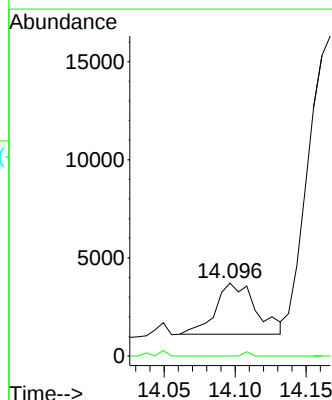
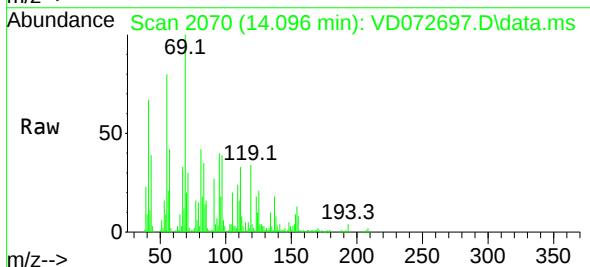
Acq: 22 Apr 2022 16:39

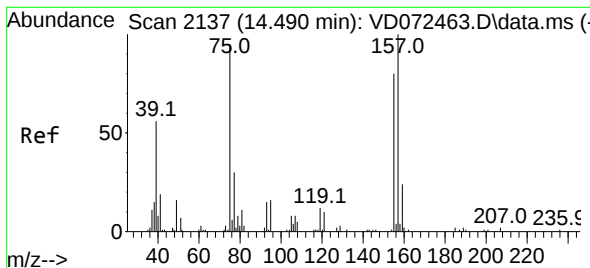
Tgt Ion: 117 Resp: 5201

Ion Ratio Lower Upper

117 100

201 1.4 33.4 100.2#

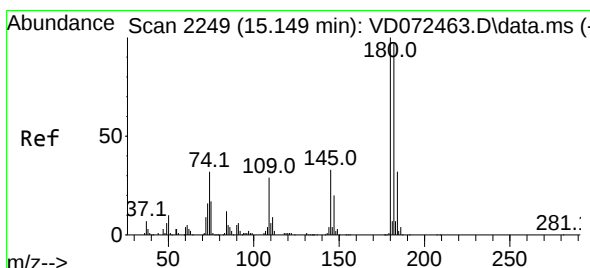
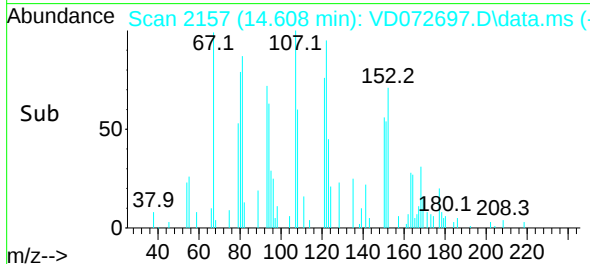
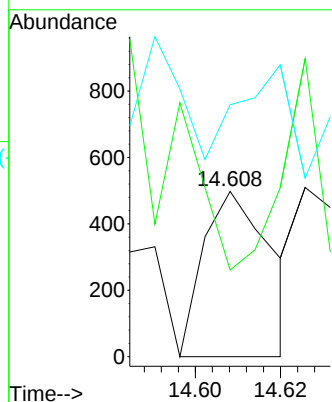
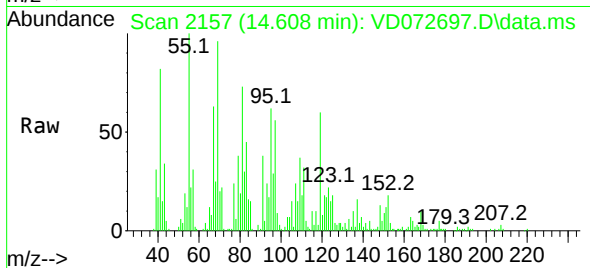




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.051 ug/l
 RT: 14.608 min Scan# 2157
 Delta R.T. 0.118 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

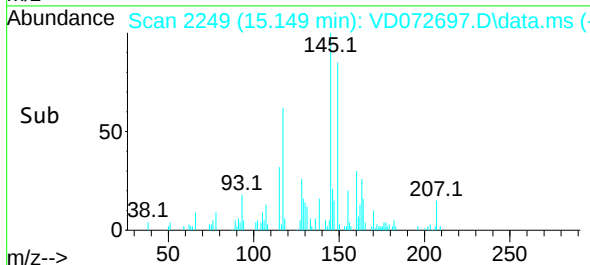
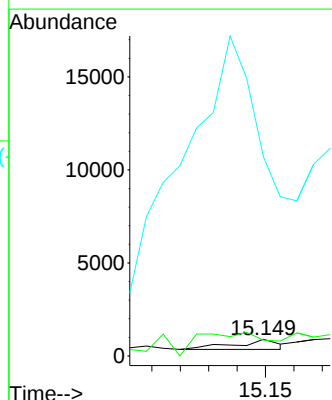
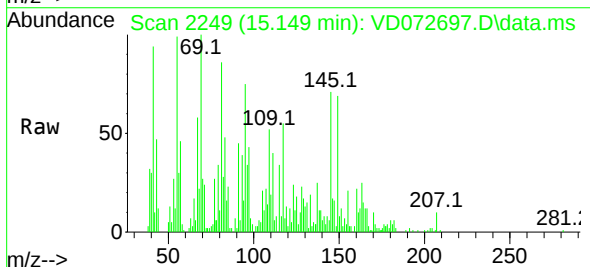
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4

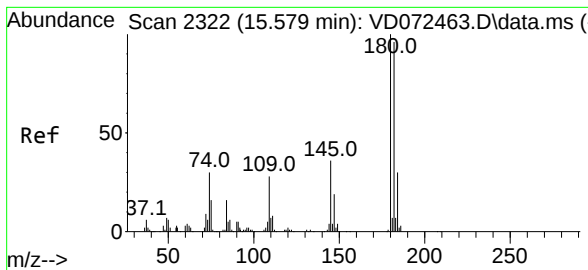
Tgt Ion: 75 Resp: 544
 Ion Ratio Lower Upper
 75 100
 155 66.2 36.8 110.3
 157 52.2 48.4 145.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.535 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

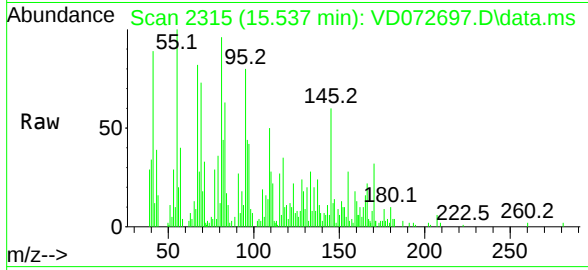
Tgt Ion: 180 Resp: 580
 Ion Ratio Lower Upper
 180 100
 182 384.0 47.3 142.0#
 145 6742.4 16.2 48.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.082 ug/l
 RT: 15.537 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: VD072697.D
 Acq: 22 Apr 2022 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4



Tgt Ion:	180	Resp:	1346
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.6	142.9#
145	985.7	17.1	51.3#

