

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073420.D
 Acq On : 27 May 2022 19:33
 Operator : VA/SY
 Sample : N3075-02
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:47:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	21541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	38074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	42233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	22886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	16612	69.781	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	139.560%	
35) Dibromofluoromethane	7.903	113	12472	49.642	ug/l	-0.01
Spiked Amount 50.000	Range	54 - 147	Recovery	=	99.280%	
50) Toluene-d8	10.332	98	59336	64.069	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	128.140%	
62) 4-Bromofluorobenzene	12.620	95	24425	75.150	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	150.300%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	715	2.938	ug/l #	40
5) Bromomethane	2.797	94	882	2.335	ug/l #	45
11) Tert butyl alcohol	5.215	59	87	2.356	ug/l #	74
13) Acrolein	3.879	56	5909	416.972	ug/l #	1
14) Allyl chloride	4.803	41	8817	25.232	ug/l #	22
15) Acrylonitrile	5.497	53	7152	144.635	ug/l #	39
16) Acetone	4.150	43	11380	275.985	ug/l #	47
18) Methyl Acetate	4.785	43	10207	89.020	ug/l #	55
20) Methylene Chloride	4.956	84	1332	1.195	ug/l #	42
23) Vinyl Acetate	6.267	43	1976	5.057	ug/l #	75
25) 2-Butanone	7.197	43	3989	66.123	ug/l #	52
29) Tetrahydrofuran	7.556	42	530	13.587	ug/l #	38
30) Chloroform	7.720	83	2007	4.089	ug/l #	71
31) Cyclohexane	7.979	56	214046	514.519	ug/l	93
36) 1,1-Dichloropropene	7.979	75	2149	5.687	ug/l #	58
37) Ethyl Acetate	7.197	43	3989	26.727	ug/l #	74
38) Carbon Tetrachloride	7.973	117	2691	7.026	ug/l #	13
39) Methylcyclohexane	9.350	83	378302	898.357	ug/l	98
40) Benzene	8.350	78	98338	90.302	ug/l	98
41) Methacrylonitrile	7.561	41	6109	70.252	ug/l #	48
43) Isopropyl Acetate	8.444	43	17555	63.635	ug/l #	54
45) 1,2-Dichloropropane	9.414	63	410	1.495	ug/l #	36
47) Bromodichloromethane	9.644	83	17154	44.510	ug/l #	24
48) Methyl methacrylate	9.532	41	31346	225.845	ug/l #	60
51) 4-Methyl-2-Pentanone	10.332	43	8655	60.405	ug/l #	51
52) Toluene	10.397	92	12306	17.883	ug/l	94
55) 1,1,2-Trichloroethane	10.767	97	34586	169.804	ug/l #	20
56) Ethyl methacrylate	10.667	69	14065	62.108	ug/l #	30
58) 2-Chloroethyl Vinyl ether	9.967	63	745	27.946	ug/l #	48
59) 2-Hexanone	10.944	43	38137	403.721	ug/l #	32
61) 1,2-Dibromoethane	11.238	107	591	3.037	ug/l #	1
67) Ethyl Benzene	11.732	91	132955	87.417	ug/l	95
68) m/p-Xylenes	11.844	106	72420	122.558	ug/l	98
69) o-Xylene	12.167	106	9526	17.549	ug/l	94
73) Isopropylbenzene	12.467	105	16636	10.197	ug/l	95
74) N-amyl acetate	12.255	43	12855	36.118	ug/l #	70

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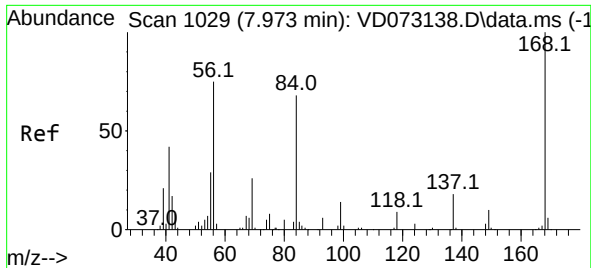
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:47:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

75) 1,1,2,2-Tetrachloroethane	12.738	83	419	1.392	ug/l #	77
76) 1,2,3-Trichloropropane	12.891	75	439	1.955	ug/l #	100
77) Bromobenzene	12.602	156	1235	3.216	ug/l #	3
78) n-propylbenzene	12.808	91	34589	16.887	ug/l	95
79) 2-Chlorotoluene	12.902	91	6705	5.670	ug/l #	56
80) 1,3,5-Trimethylbenzene	12.949	105	34036	24.627	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	597	6.383	ug/l #	76
82) 4-Chlorotoluene	12.944	91	5170	4.171	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.255	105	89046	65.219	ug/l	100
85) sec-Butylbenzene	13.385	105	4336	2.438	ug/l #	59
86) p-Isopropyltoluene	13.502	119	4044	2.789	ug/l #	74
89) n-Butylbenzene	13.820	91	4719	3.416	ug/l #	82
90) Hexachloroethane	14.096	117	2052	6.840	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.479	75	188	4.080	ug/l #	6
95) Naphthalene	15.379	128	42012	55.664	ug/l	98

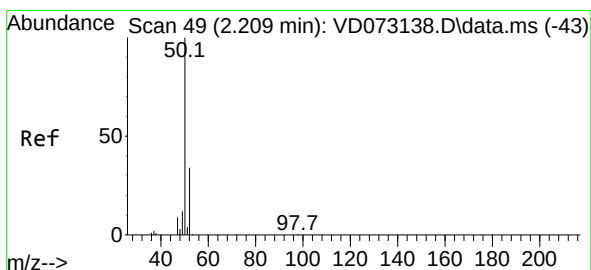
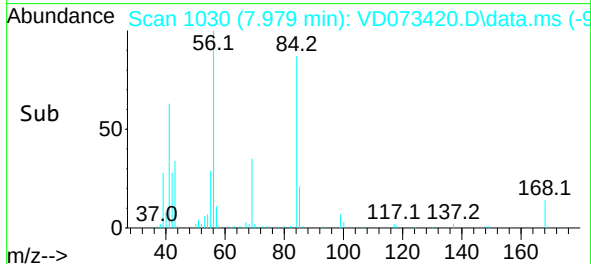
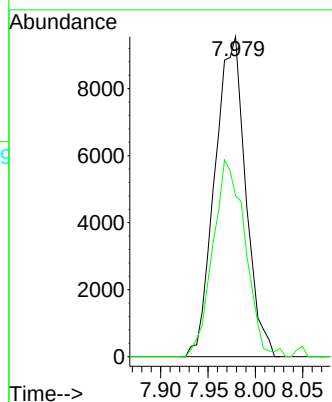
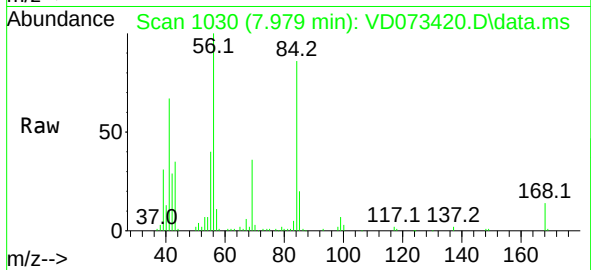
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

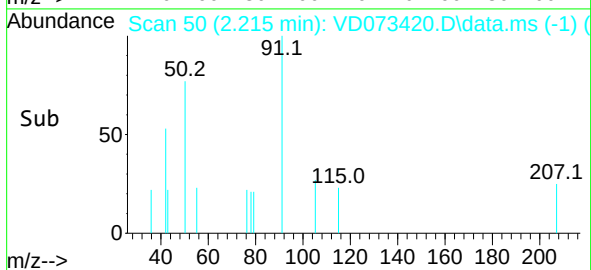
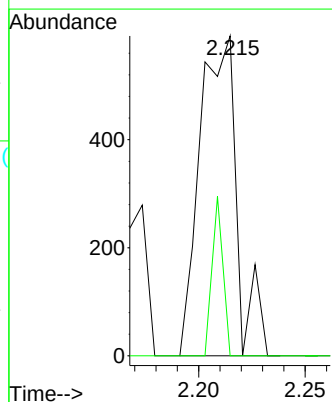
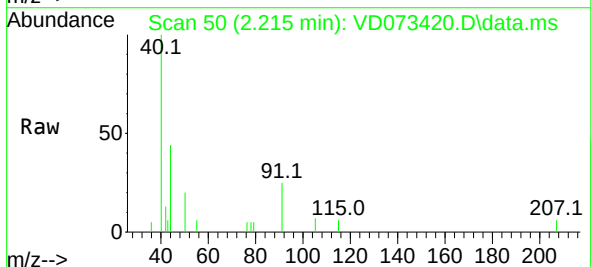
Instrument :
MSVOA_D
ClientSampleId :

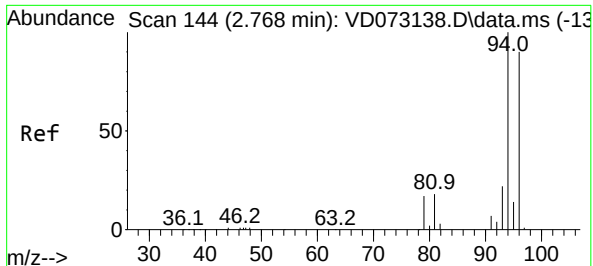
Tgt Ion:168 Resp: 21541
Ion Ratio Lower Upper
168 100
99 50.3 49.8 74.6



#3
Chloromethane
Concen: 2.938 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

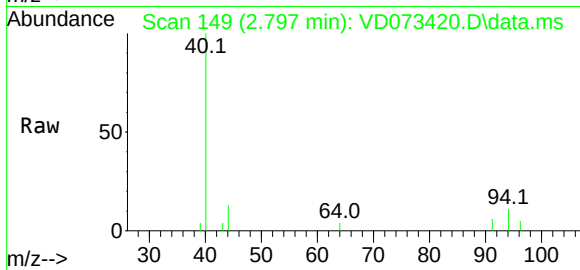
Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#



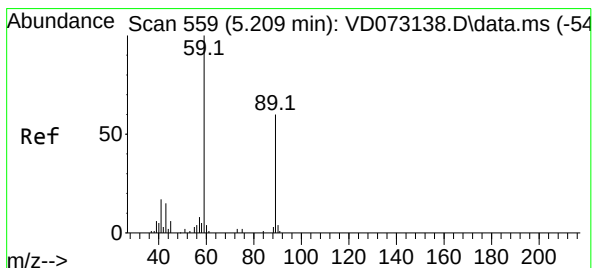
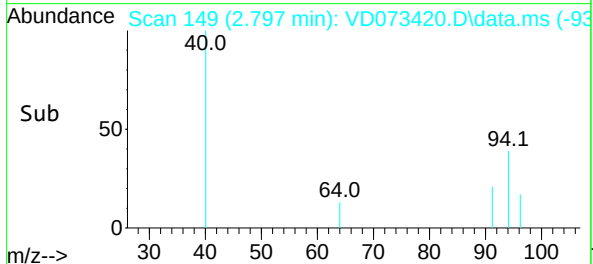
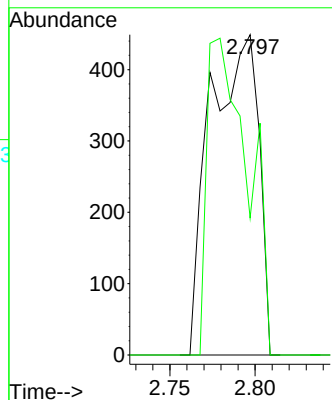


#5
Bromomethane
Concen: 2.335 ug/l
RT: 2.797 min Scan# 14
Delta R.T. 0.029 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

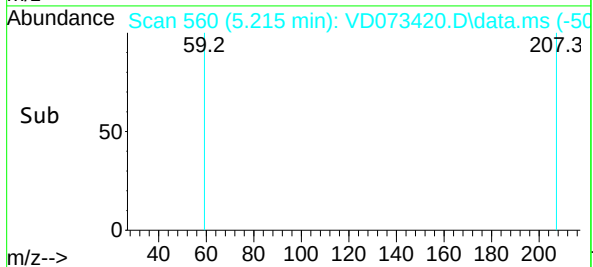
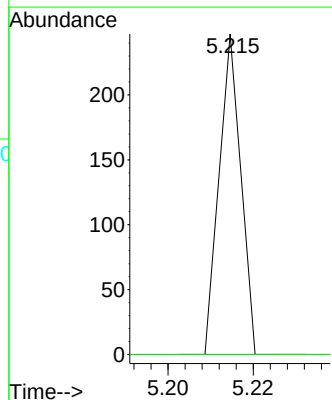
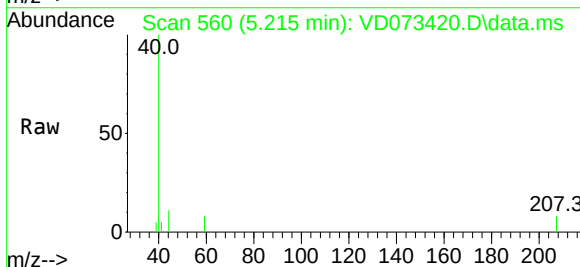


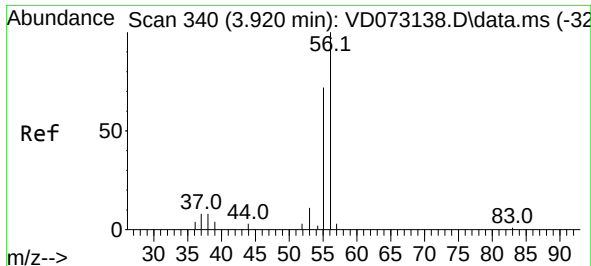
Tgt Ion: 94 Resp: 882
Ion Ratio Lower Upper
94 100
96 42.8 77.6 116.4#



#11
Tert butyl alcohol
Concen: 2.356 ug/l
RT: 5.215 min Scan# 560
Delta R.T. 0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

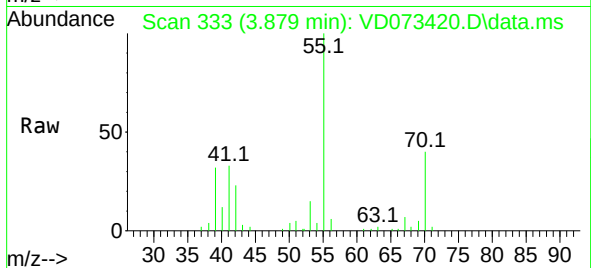
Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



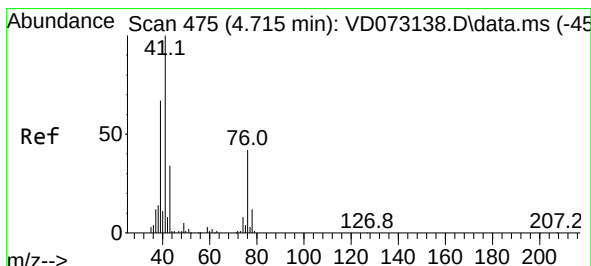
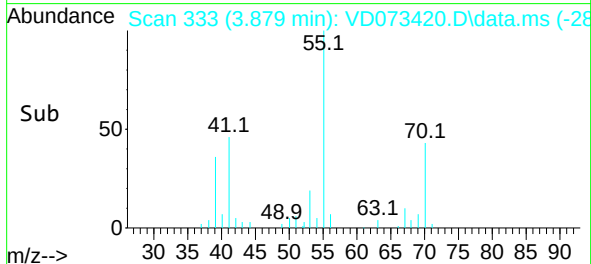
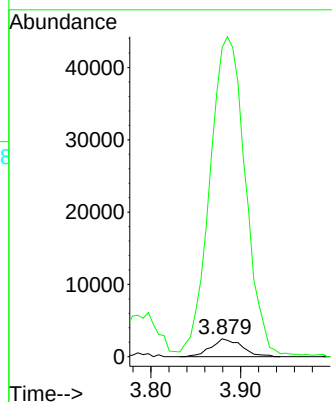


#13
Acrolein
Concen: 416.972 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.041 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

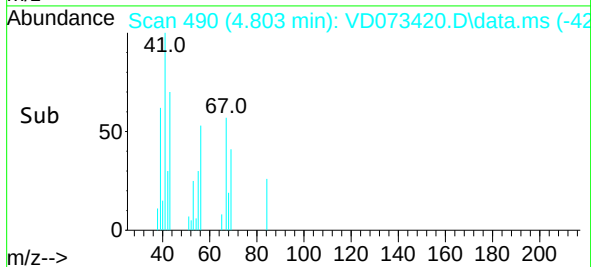
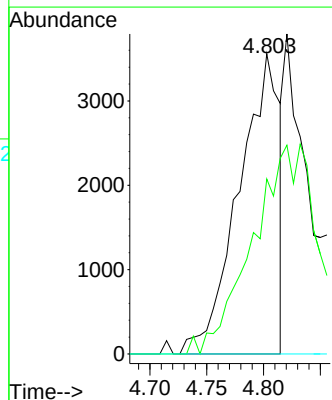
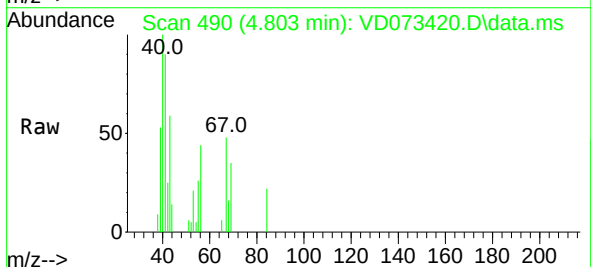


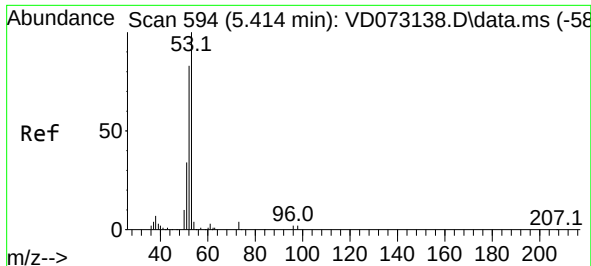
Tgt Ion: 56 Resp: 5909
Ion Ratio Lower Upper
56 100
55 2072.7 57.1 85.7#



#14
Allyl chloride
Concen: 25.232 ug/l
RT: 4.803 min Scan# 490
Delta R.T. 0.088 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

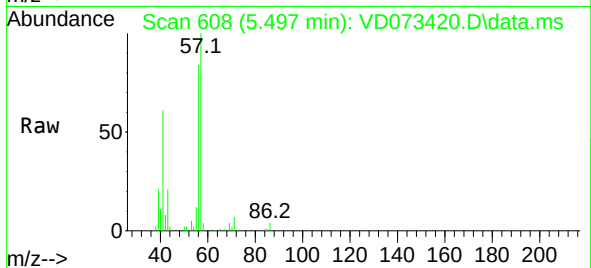
Tgt Ion: 41 Resp: 8817
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#



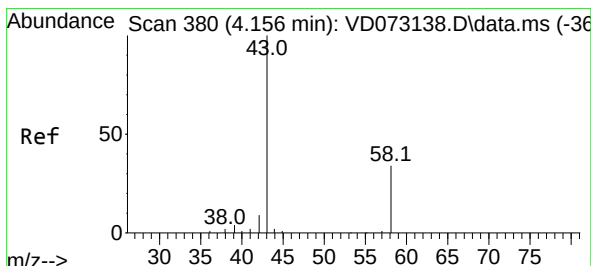
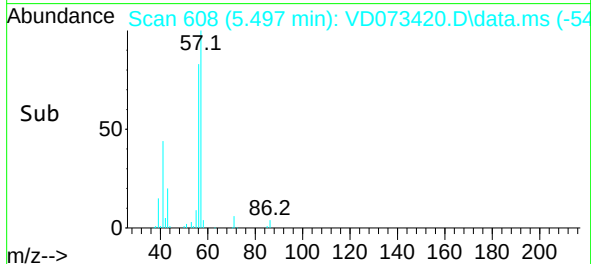
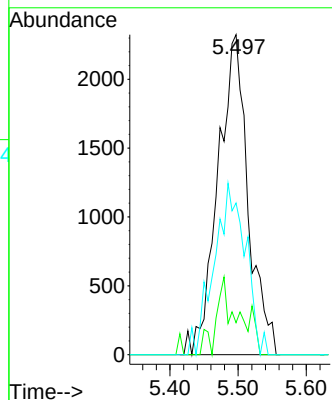


#15
Acrylonitrile
Concen: 144.635 ug/l
RT: 5.497 min Scan# 60
Delta R.T. 0.083 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

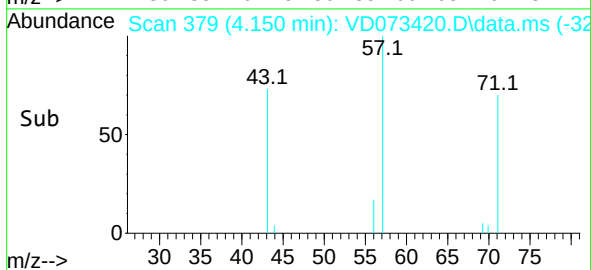
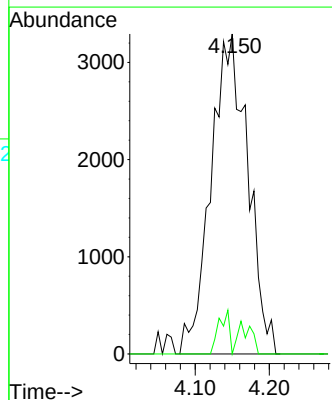
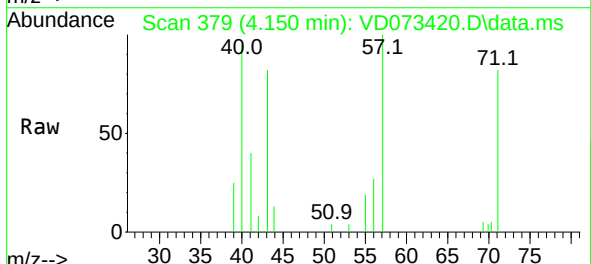


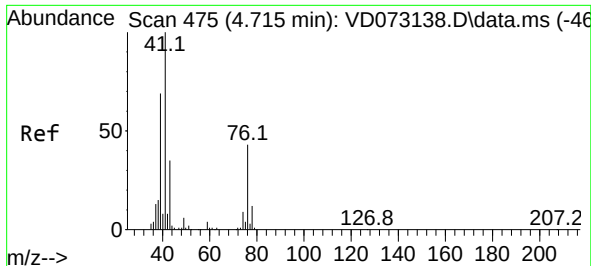
Tgt Ion: 53 Resp: 7152
Ion Ratio Lower Upper
53 100
52 15.3 67.2 100.8#
51 55.5 30.3 45.5#



#16
Acetone
Concen: 275.985 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

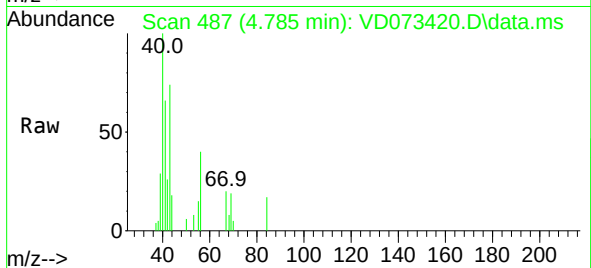
Tgt Ion: 43 Resp: 11380
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



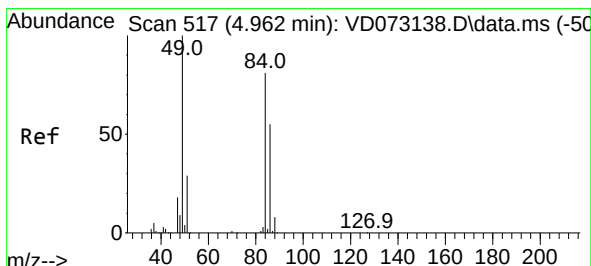
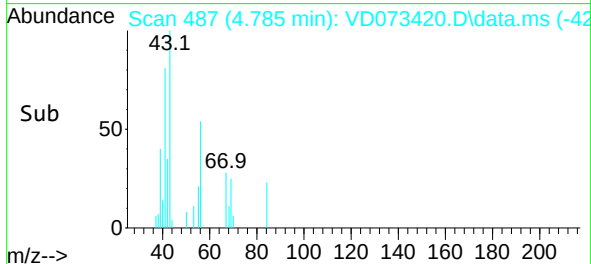
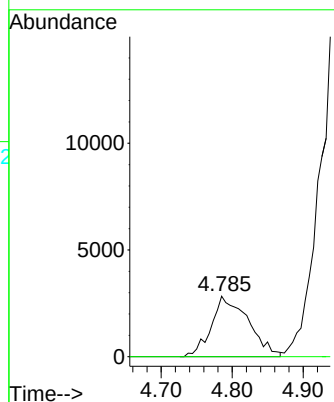


#18
Methyl Acetate
Concen: 89.020 ug/l
RT: 4.785 min Scan# 41
Delta R.T. 0.070 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

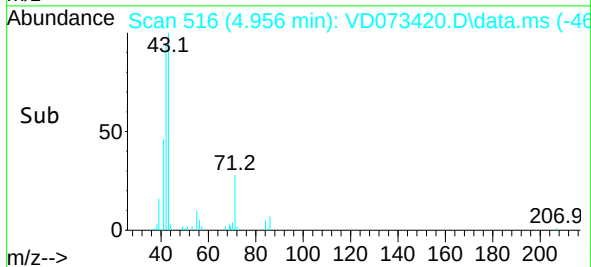
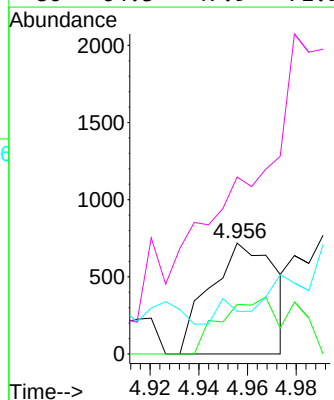
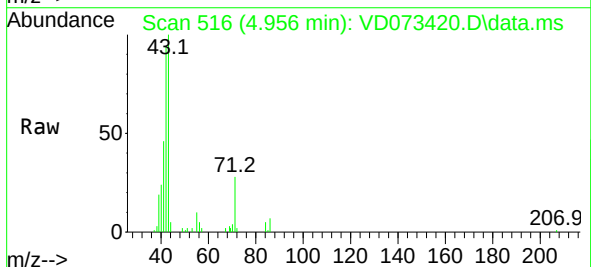


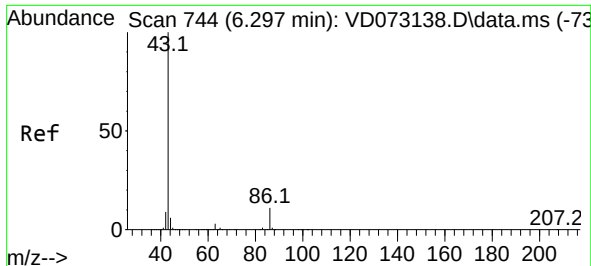
Tgt Ion: 43 Resp: 10207
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.195 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

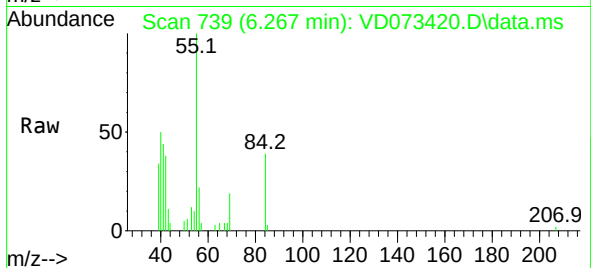
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Ion Ratio Lower Upper
84 100
49 44.8 112.8 169.2#
51 0.0 32.6 48.8#
86 64.3 47.9 71.9



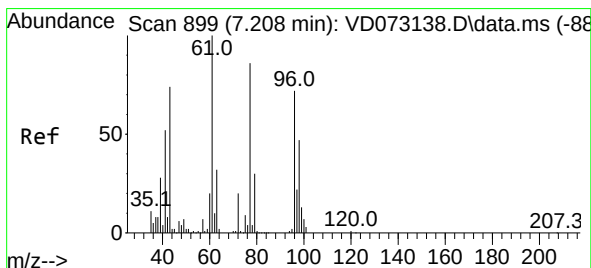
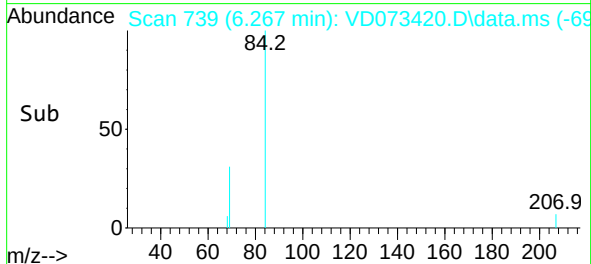
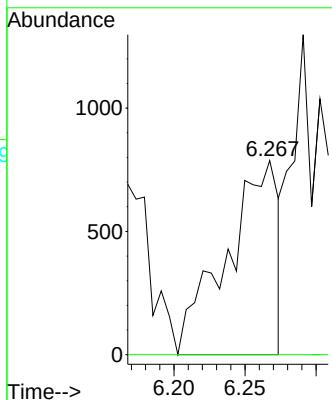


#23
 Vinyl Acetate
 Concen: 5.057 ug/l
 RT: 6.267 min Scan# 719
 Delta R.T. -0.030 min
 Lab File: VD073420.D
 Acq: 27 May 2022 19:33

Instrument :
 MSVOA_D
 ClientSampleId :

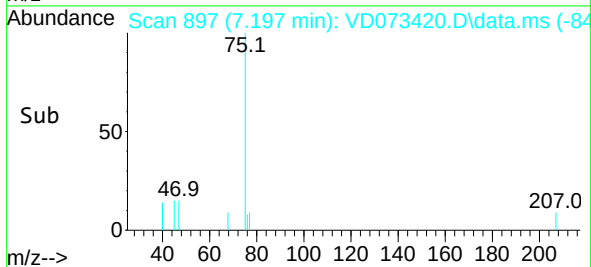
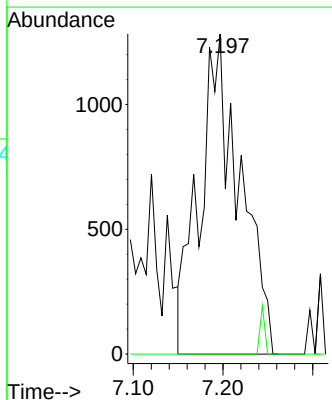
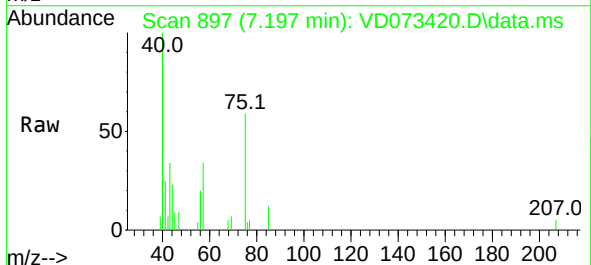


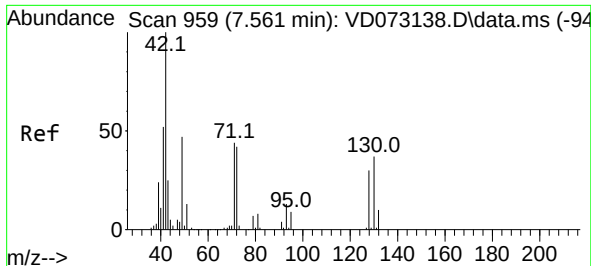
Tgt Ion: 43 Resp: 1976
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 66.123 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD073420.D
 Acq: 27 May 2022 19:33

Tgt Ion: 43 Resp: 3989
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 13.587 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

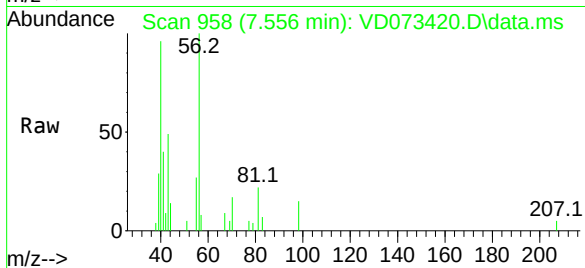
Lab File: VD073420.D

Acq: 27 May 2022 19:33

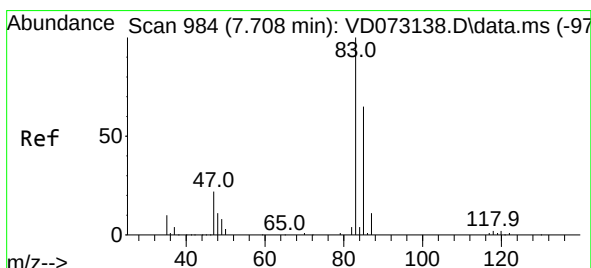
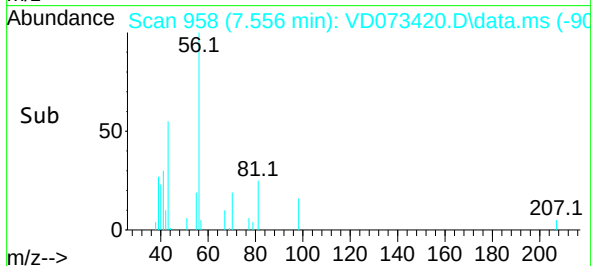
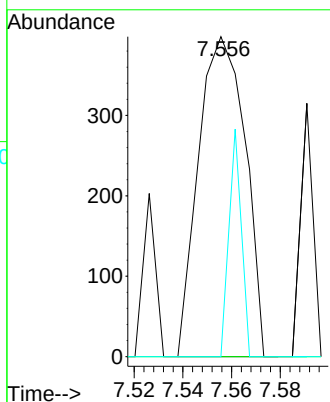
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	530
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#30

Chloroform

Concen: 4.089 ug/l

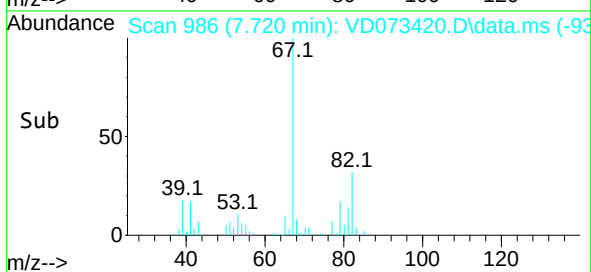
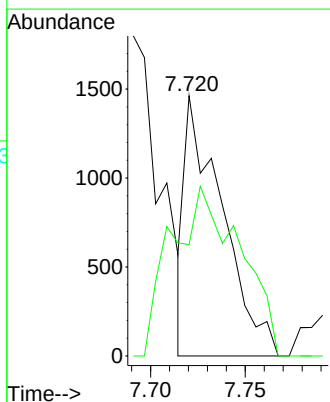
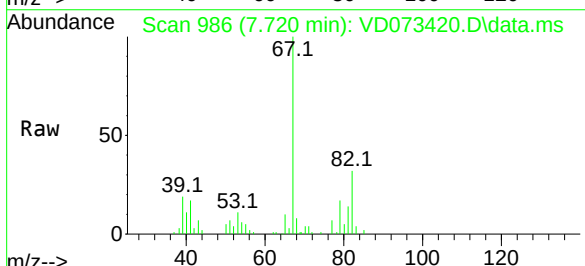
RT: 7.720 min Scan# 986

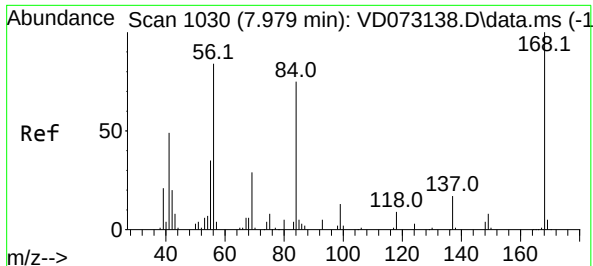
Delta R.T. 0.012 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Tgt Ion:	83	Resp:	2007
Ion Ratio	Lower	Upper	
83	100		
85	42.8	52.7	79.1#





#31

Cyclohexane

Concen: 514.519 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :

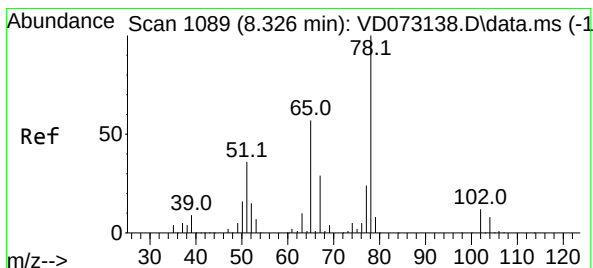
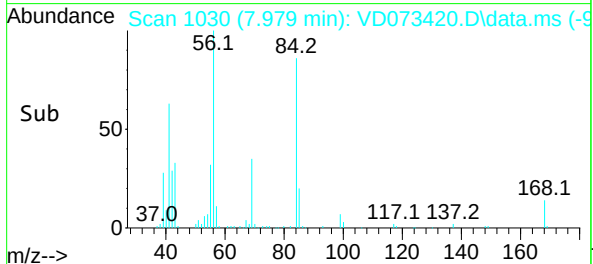
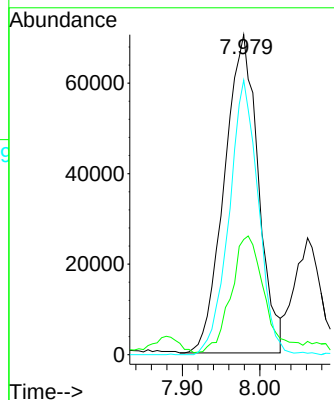
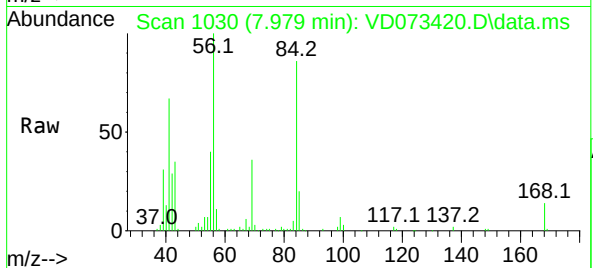
Tgt Ion: 56 Resp: 214046

Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

84 86.3 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 69.781 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073420.D

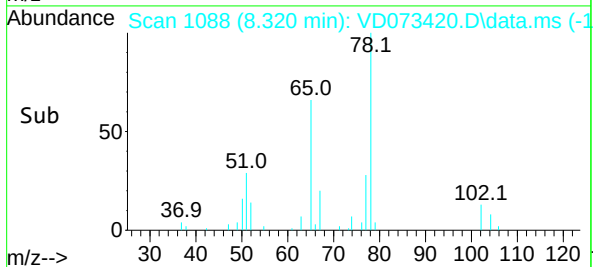
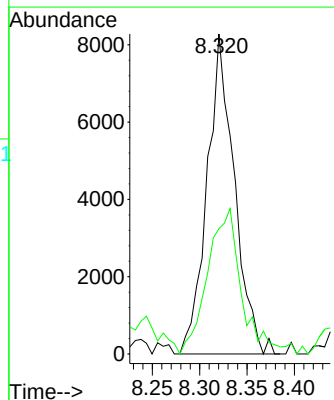
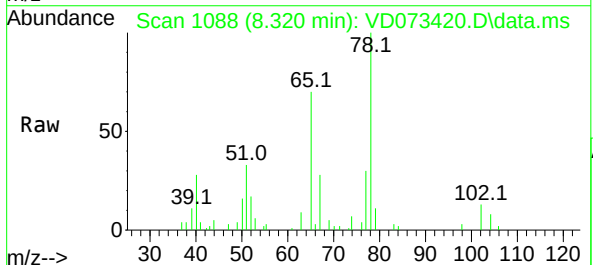
Acq: 27 May 2022 19:33

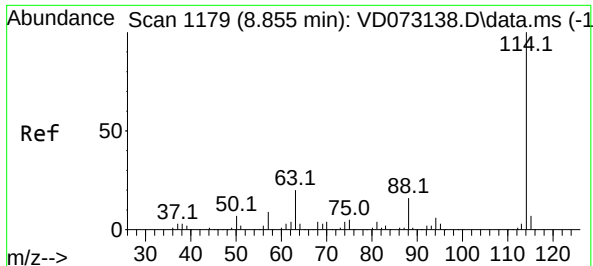
Tgt Ion: 65 Resp: 16612

Ion Ratio Lower Upper

65 100

67 56.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073420.D

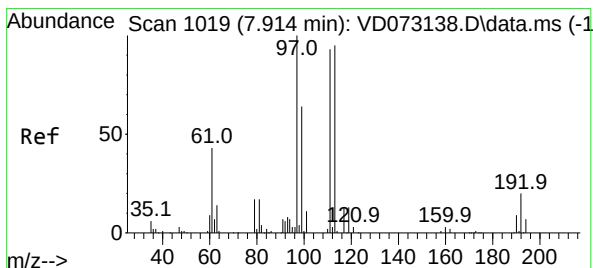
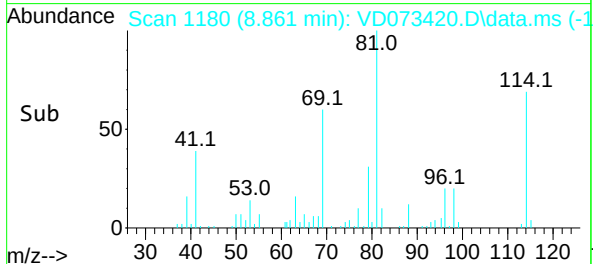
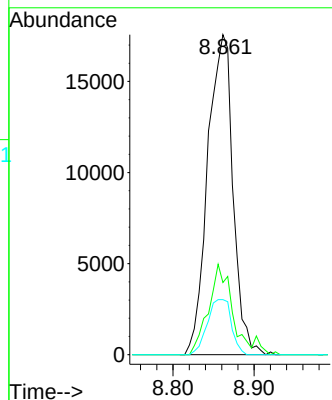
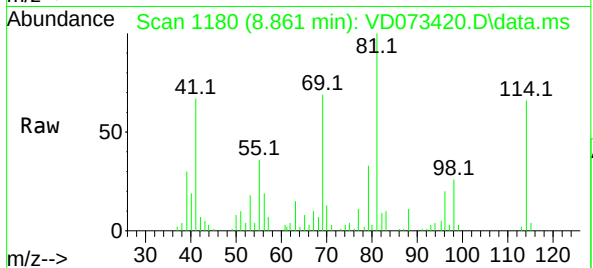
Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	38074
Ion Ratio	Lower	Upper
114	100	
63	22.5	0.0 46.6
88	17.2	0.0 33.2



#35

Dibromofluoromethane

Concen: 49.642 ug/l

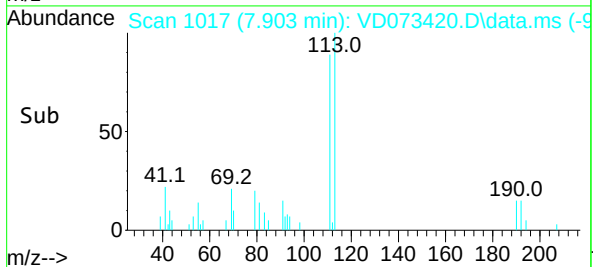
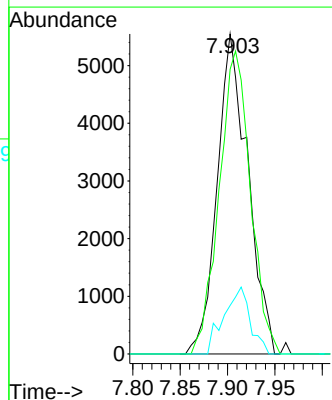
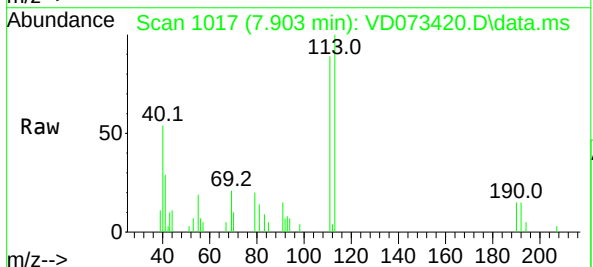
RT: 7.903 min Scan# 1017

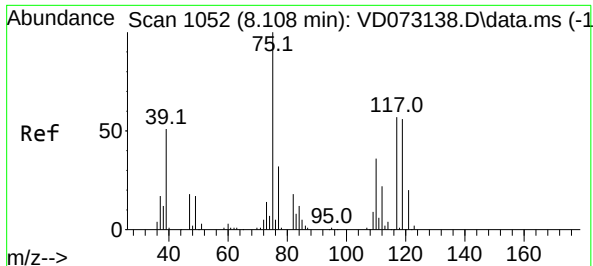
Delta R.T. -0.011 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Tgt Ion:113	Resp:	12472
Ion Ratio	Lower	Upper
113	100	
111	96.9	83.8 125.6
192	18.0	14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.687 ug/l

RT: 7.979 min Scan# 1052

Delta R.T. -0.129 min

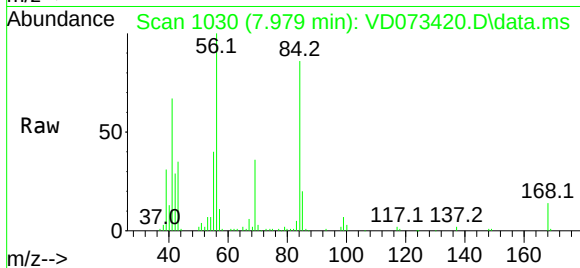
Lab File: VD073420.D

Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :



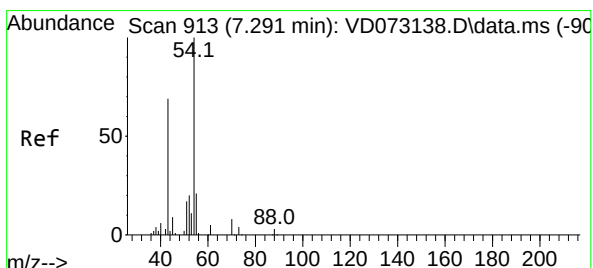
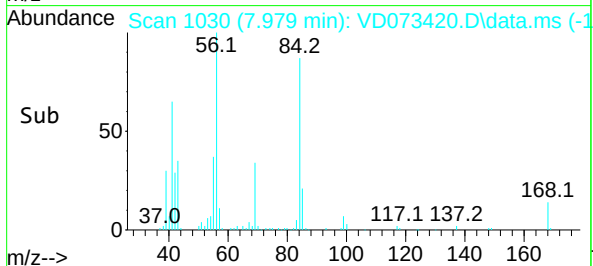
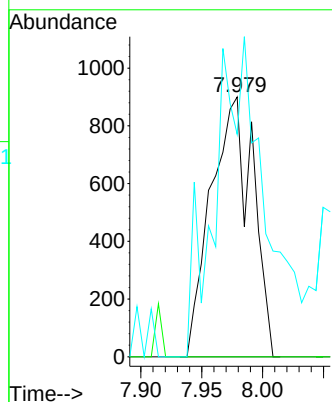
Tgt Ion: 75 Resp: 2149

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 43.1 24.2 36.2#



#37

Ethyl Acetate

Concen: 26.727 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

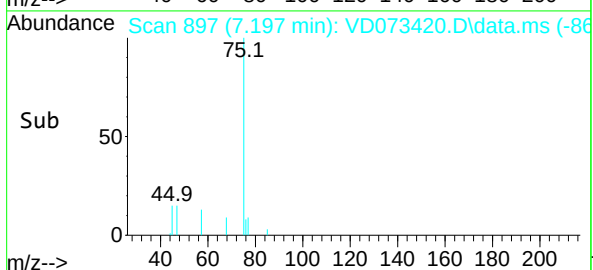
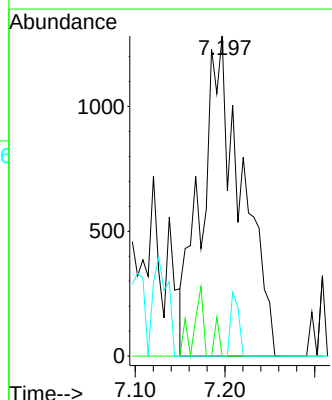
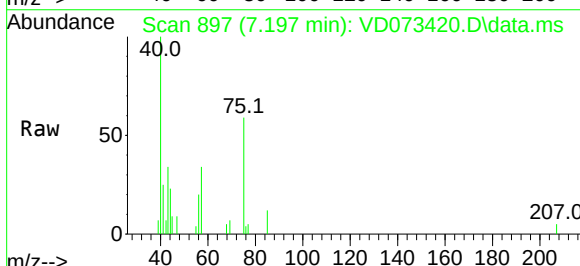
Tgt Ion: 43 Resp: 3989

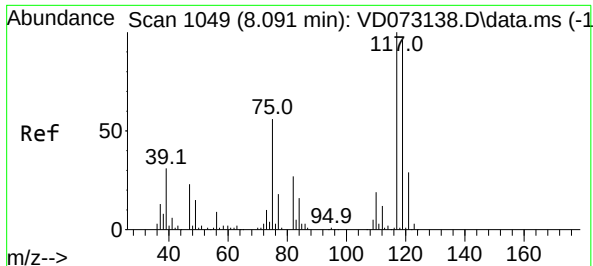
Ion Ratio Lower Upper

43 100

61 1.4 9.8 14.8#

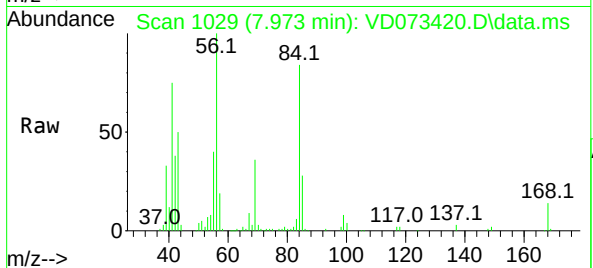
70 0.0 6.9 10.3#



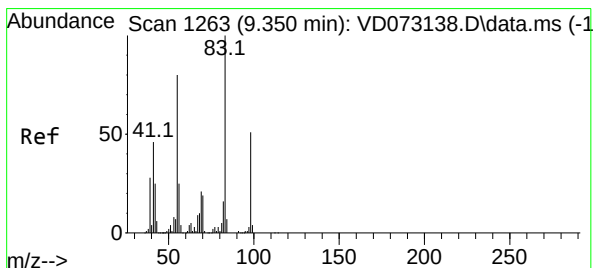
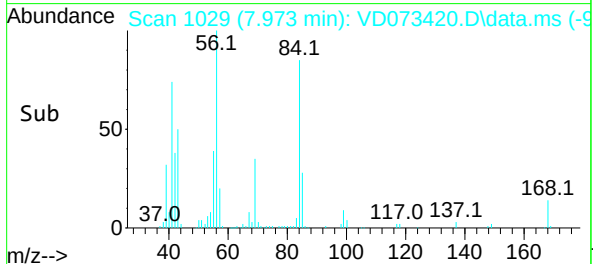
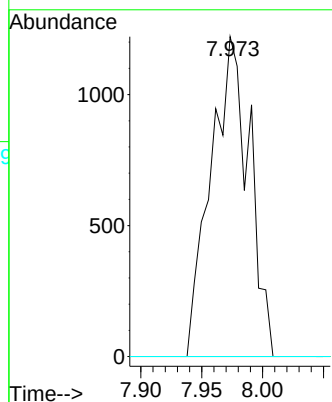


#38
Carbon Tetrachloride
Concen: 7.026 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

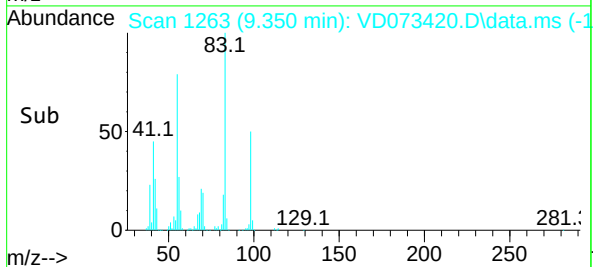
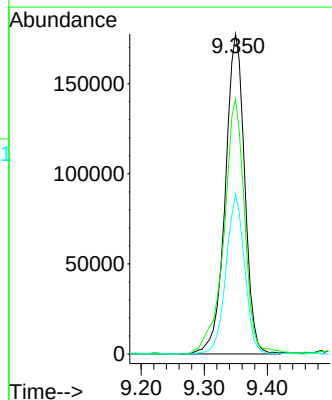
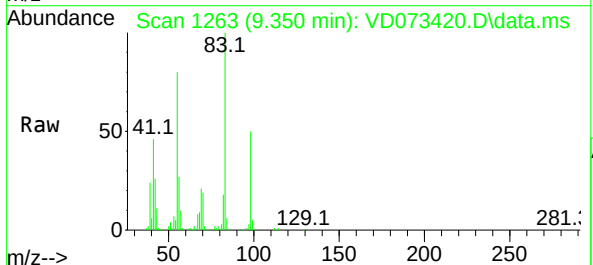


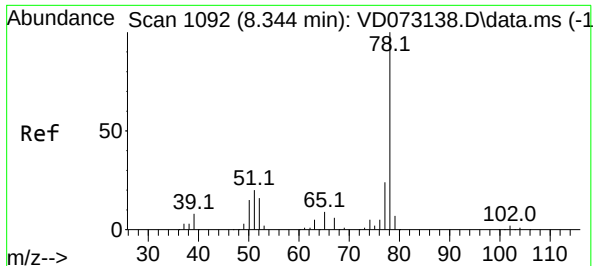
Tgt Ion:117 Resp: 2691
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 898.357 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 83 Resp: 378302
Ion Ratio Lower Upper
83 100
55 79.6 63.2 94.8
98 49.9 38.2 57.4

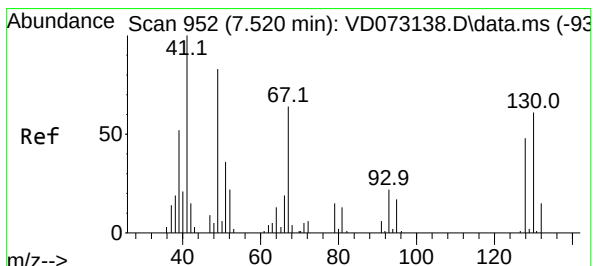
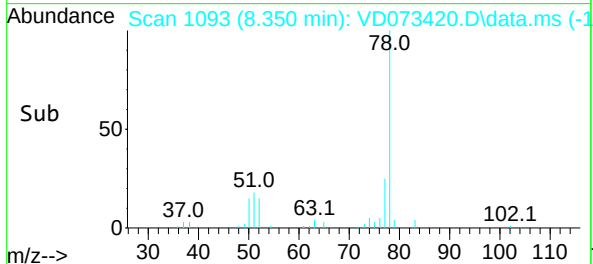
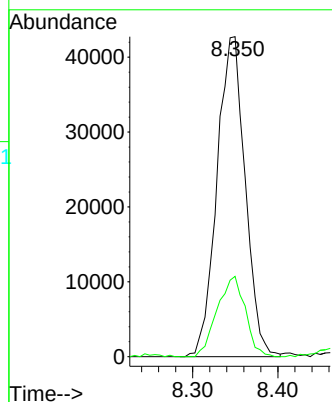
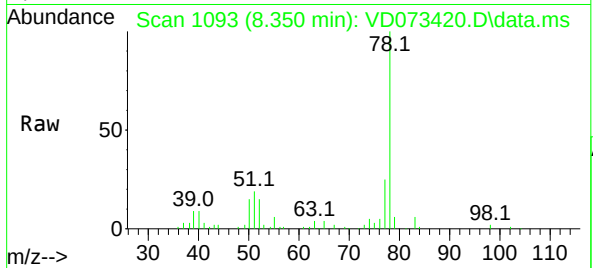




#40
Benzene
Concen: 90.302 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

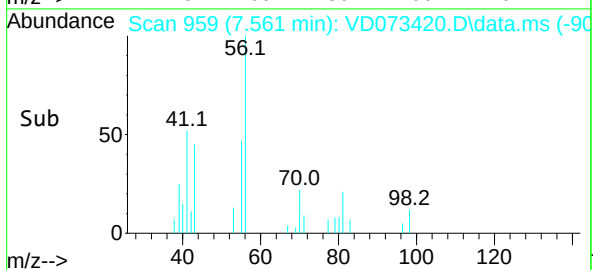
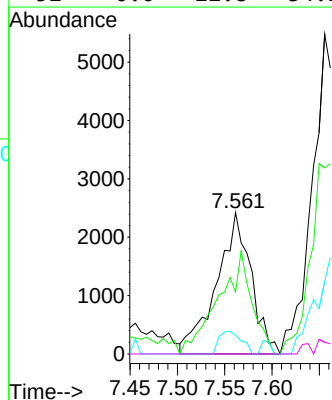
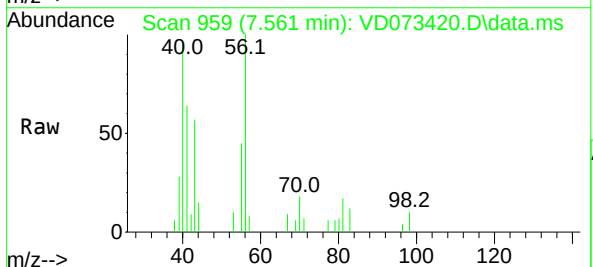
Instrument :
MSVOA_D
ClientSampleId :

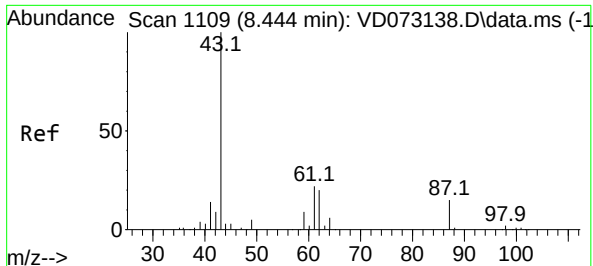
Tgt Ion: 78 Resp: 98338
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7



#41
Methacrylonitrile
Concen: 70.252 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.041 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 41 Resp: 6109
Ion Ratio Lower Upper
41 100
39 70.5 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#





#43

Isopropyl Acetate

Concen: 63.635 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :

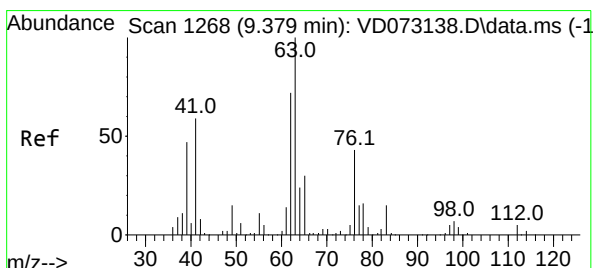
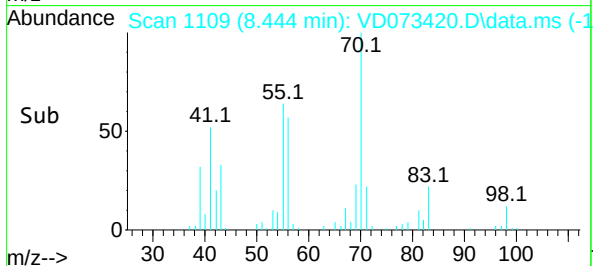
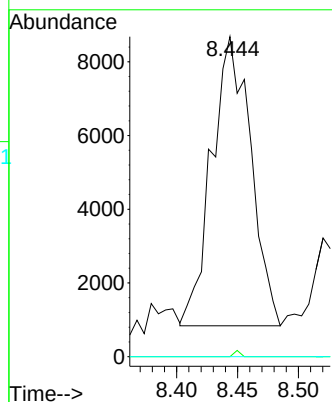
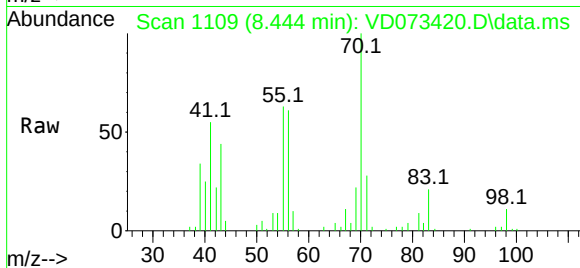
Tgt Ion: 43 Resp: 17555

Ion Ratio Lower Upper

43 100

61 0.3 22.4 33.6#

87 0.0 8.7 13.1#



#45

1,2-Dichloropropane

Concen: 1.495 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. 0.035 min

Lab File: VD073420.D

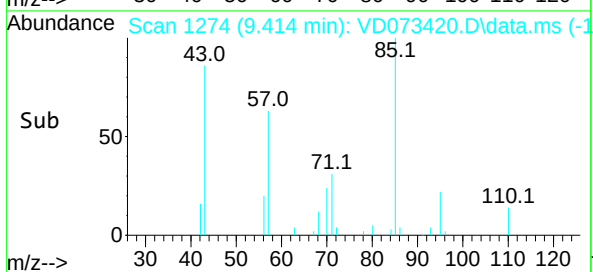
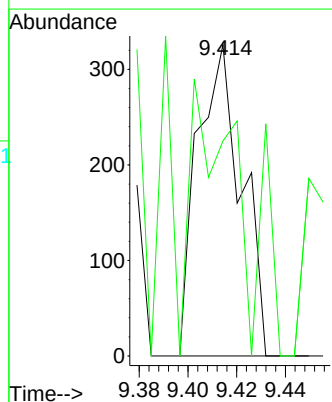
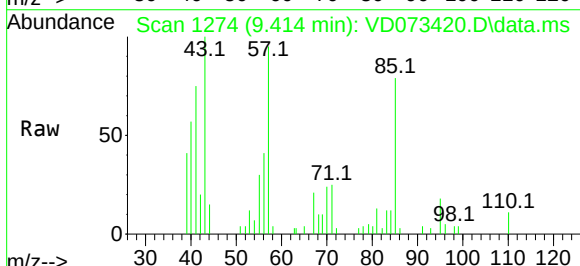
Acq: 27 May 2022 19:33

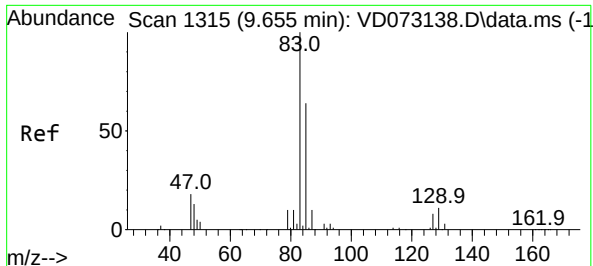
Tgt Ion: 63 Resp: 410

Ion Ratio Lower Upper

63 100

65 69.0 26.2 39.4#

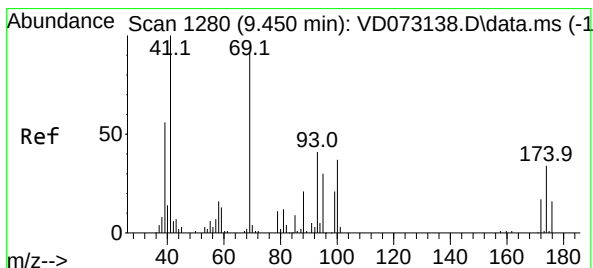
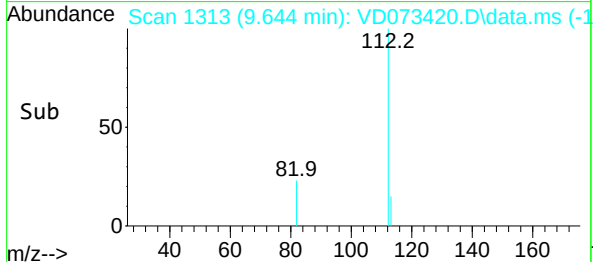
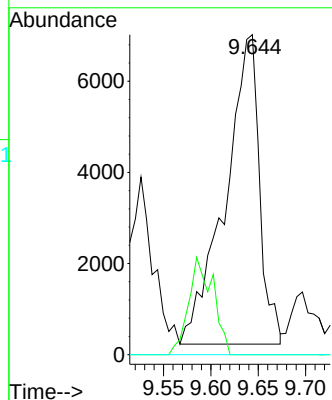
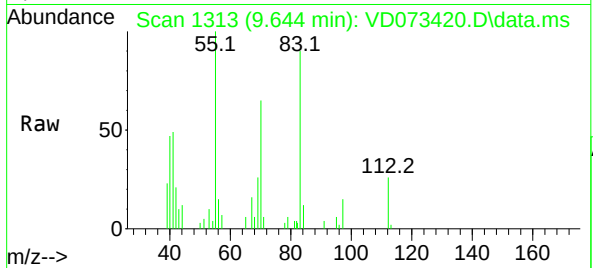




#47
Bromodichloromethane
Concen: 44.510 ug/l
RT: 9.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

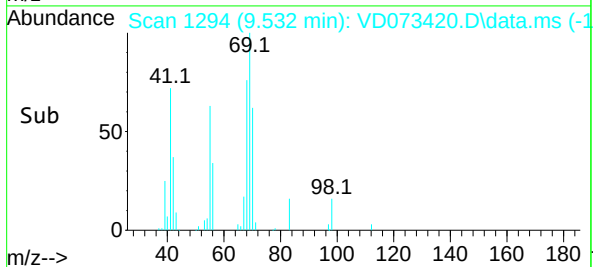
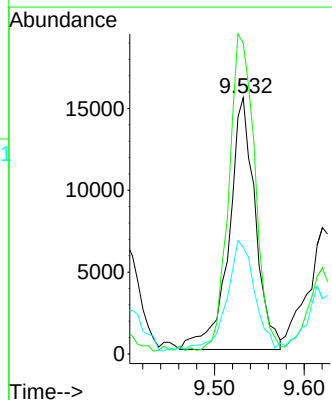
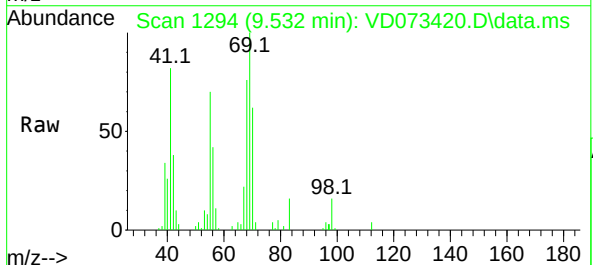
Instrument :
MSVOA_D
ClientSampleId :

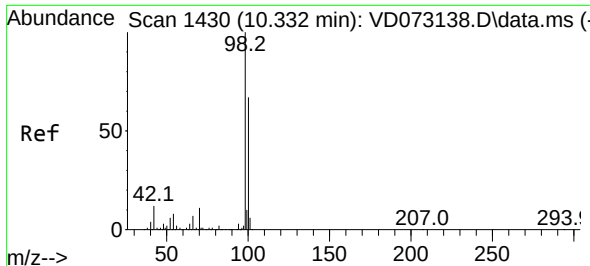
Tgt Ion: 83 Resp: 17154
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 225.845 ug/l
RT: 9.532 min Scan# 1294
Delta R.T. 0.082 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 41 Resp: 31346
Ion Ratio Lower Upper
41 100
69 123.4 56.7 85.1#
39 47.6 42.7 64.1

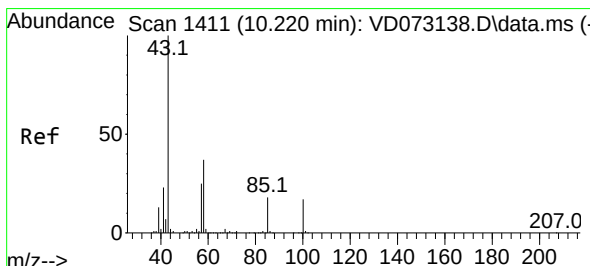
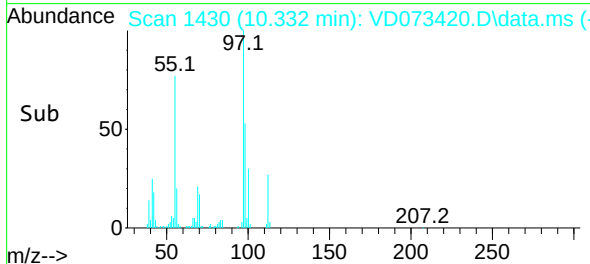
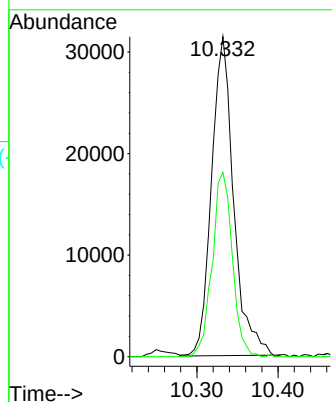
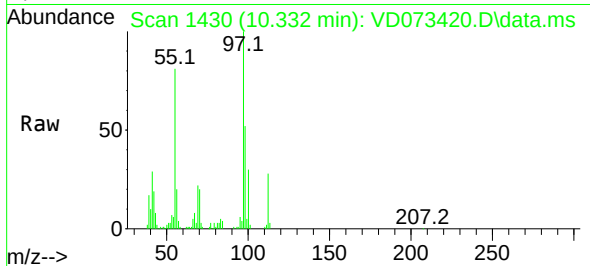




#50
Toluene-d8
Concen: 64.069 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

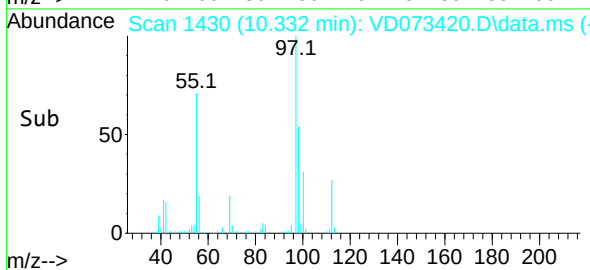
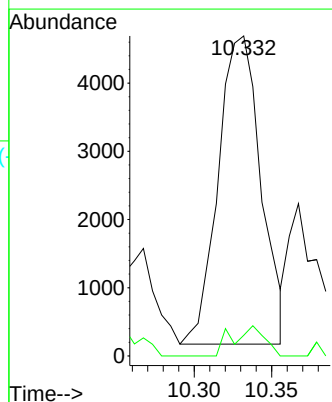
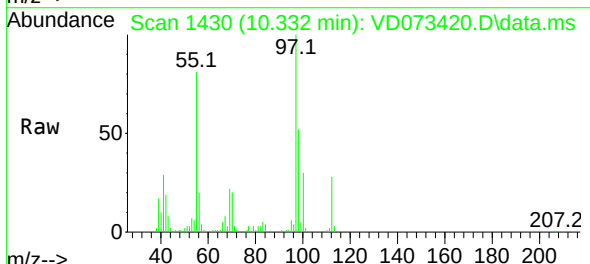
Instrument :
MSVOA_D
ClientSampleId :

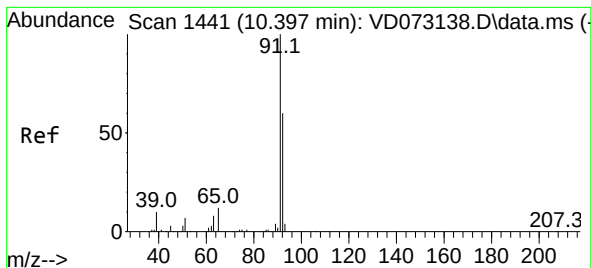
Tgt Ion: 98 Resp: 59336
Ion Ratio Lower Upper
98 100
100 52.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 60.405 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 43 Resp: 8655
Ion Ratio Lower Upper
43 100
58 7.3 28.6 43.0#





#52

Toluene

Concen: 17.883 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. -0.000 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

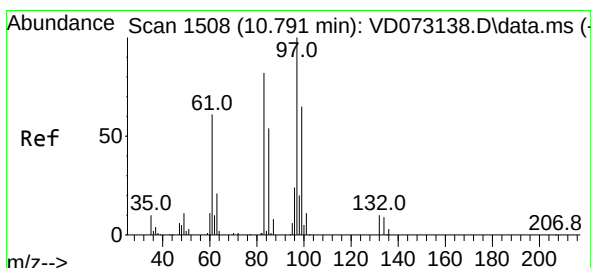
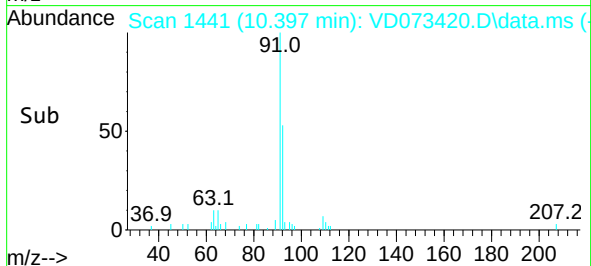
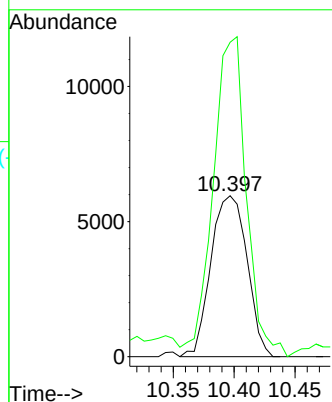
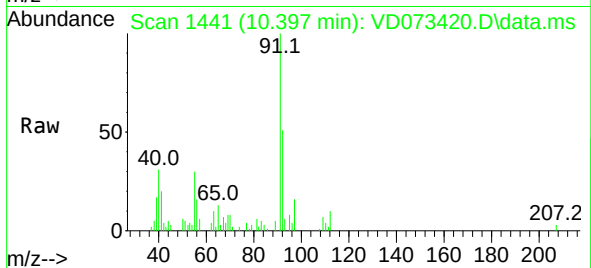
ClientSampleId :

Tgt Ion: 92 Resp: 12306

Ion Ratio Lower Upper

92 100

91 182.4 139.6 209.4



#55

1,1,2-Trichloroethane

Concen: 169.804 ug/l

RT: 10.767 min Scan# 1504

Delta R.T. -0.024 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Tgt Ion: 97 Resp: 34586

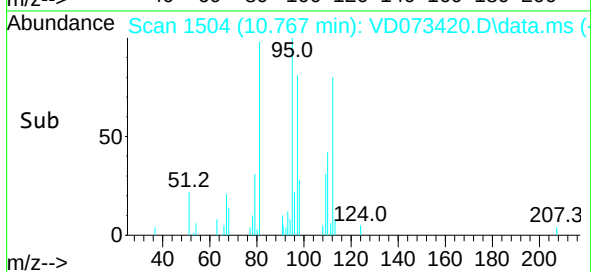
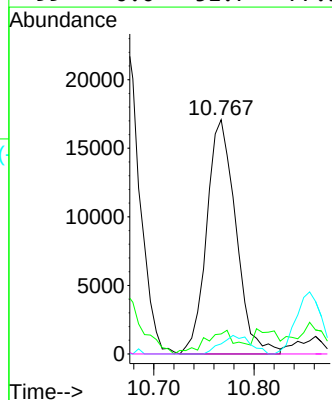
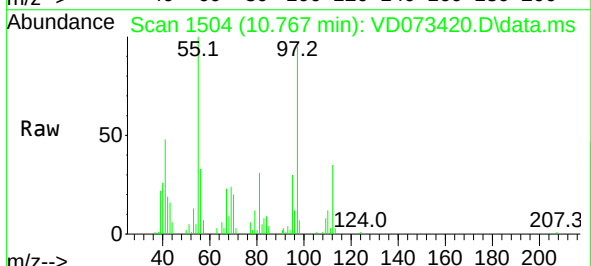
Ion Ratio Lower Upper

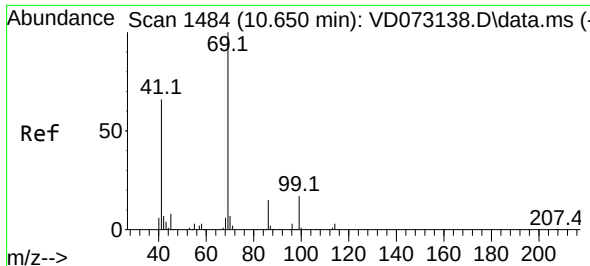
97 100

83 7.0 69.0 103.4#

85 4.3 42.6 63.8#

99 0.0 51.7 77.5#

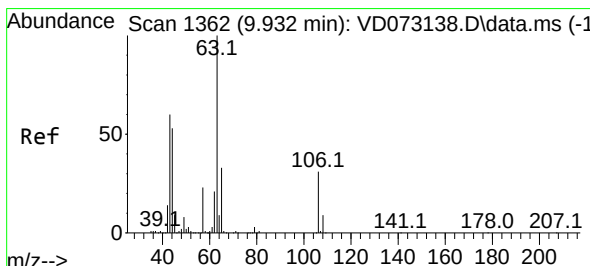
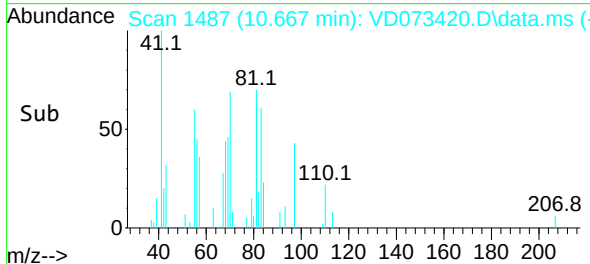
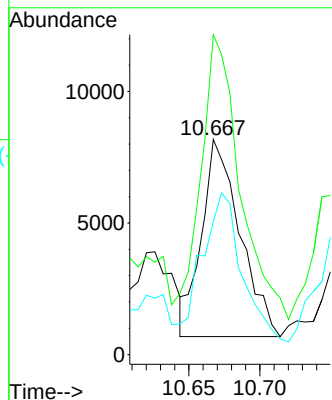
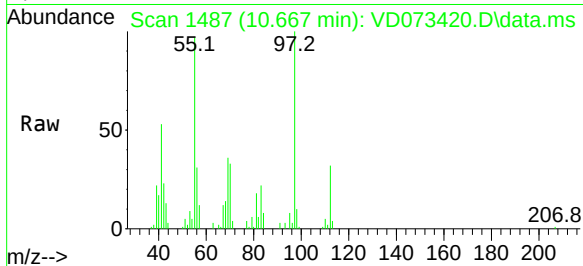




#56
Ethyl methacrylate
Concen: 62.108 ug/l
RT: 10.667 min Scan# 1484
Delta R.T. 0.017 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

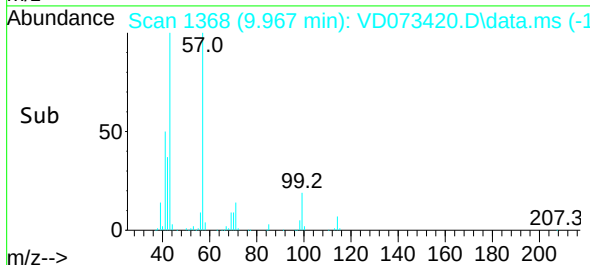
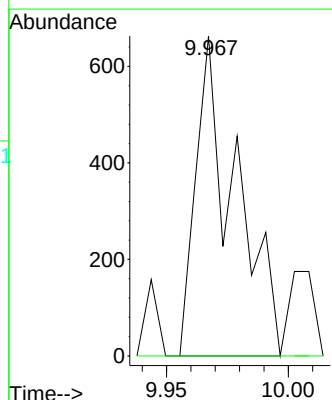
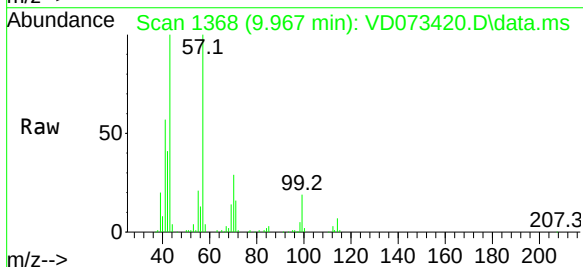
Instrument :
MSVOA_D
ClientSampleId :

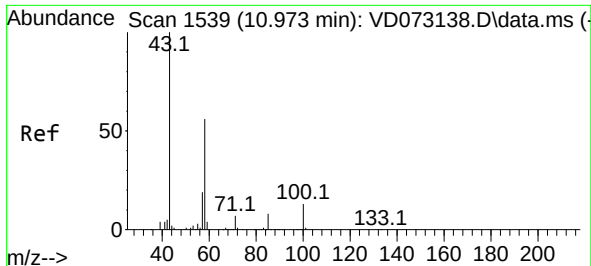
Tgt Ion: 69 Resp: 14065
Ion Ratio Lower Upper
69 100
41 146.1 63.0 94.6#
39 79.1 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 27.946 ug/l
RT: 9.967 min Scan# 1368
Delta R.T. 0.035 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 63 Resp: 745
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

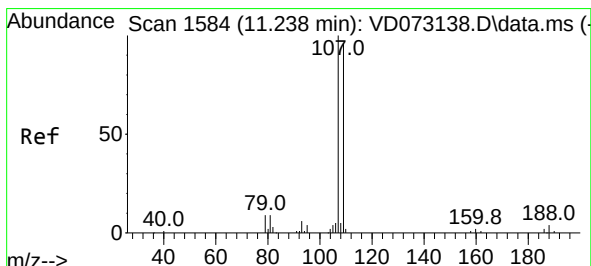
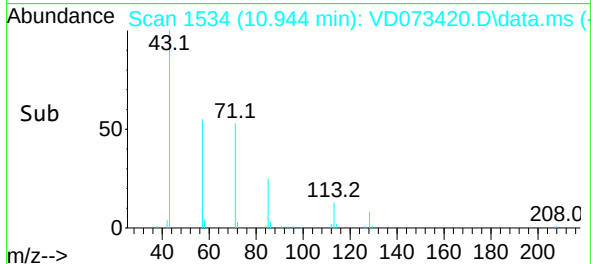
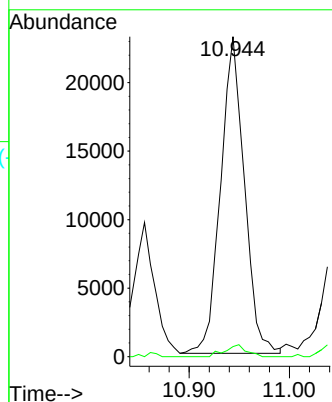
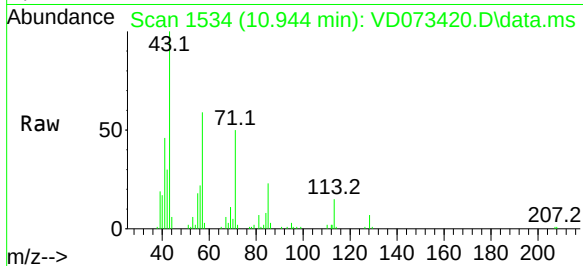




#59
2-Hexanone
Concen: 403.721 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

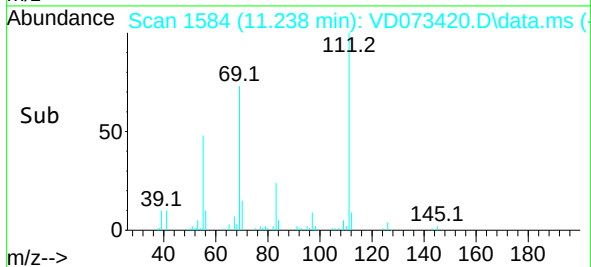
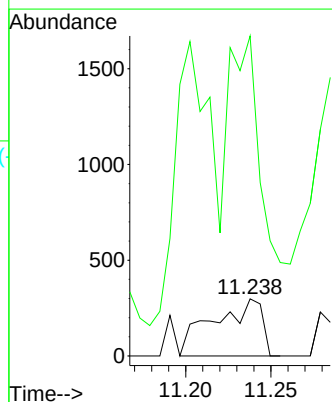
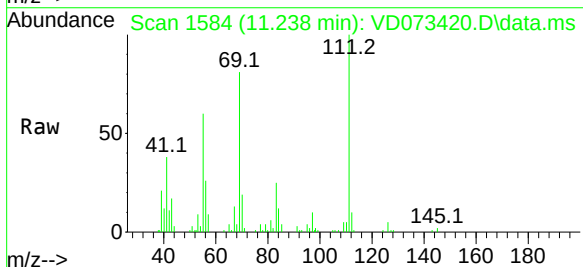
Instrument :
MSVOA_D
ClientSampleId :

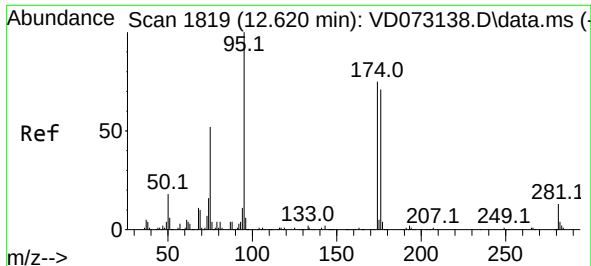
Tgt Ion: 43 Resp: 38137
Ion Ratio Lower Upper
43 100
58 3.4 25.3 75.9#



#61
1,2-Dibromoethane
Concen: 3.037 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 107 Resp: 591
Ion Ratio Lower Upper
107 100
109 311.7 74.2 111.4#

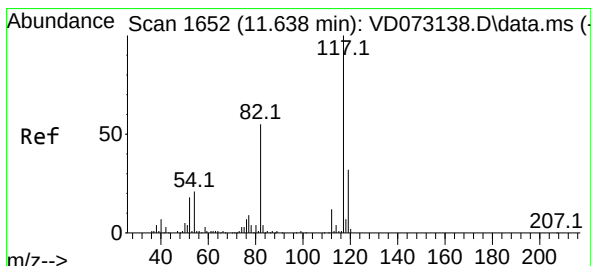
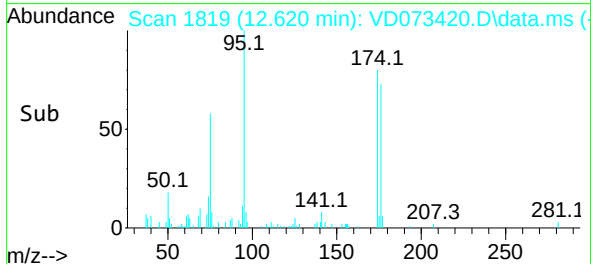
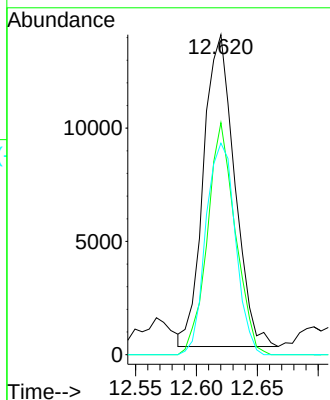
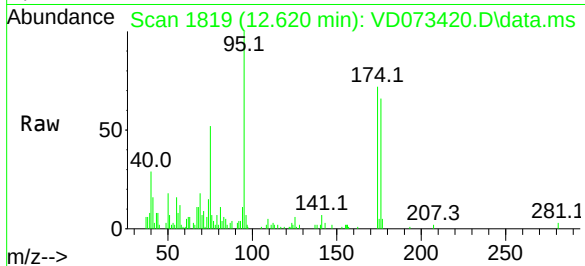




#62
4-Bromofluorobenzene
Concen: 75.150 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

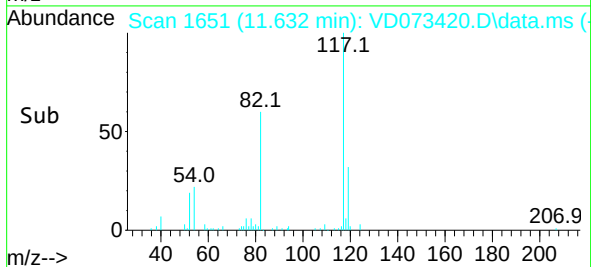
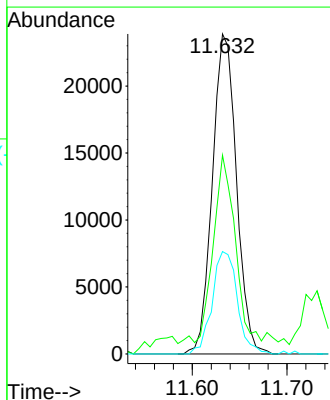
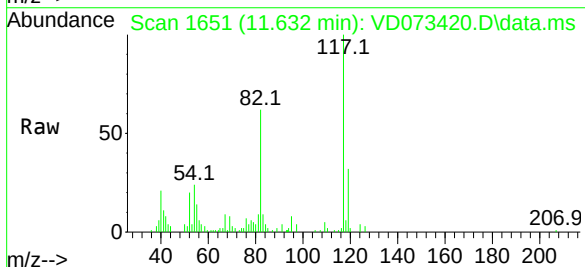
Instrument :
MSVOA_D
ClientSampleId :

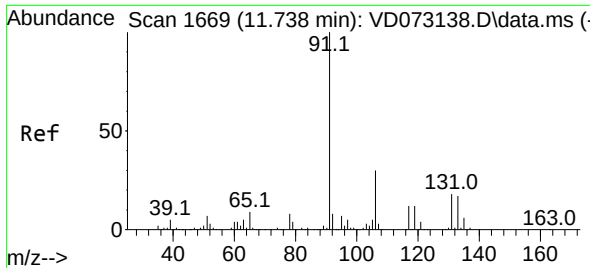
Tgt Ion: 95 Resp: 24425
Ion Ratio Lower Upper
95 100
174 67.0 0.0 152.8
176 64.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 117 Resp: 42233
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 32.0 26.6 40.0

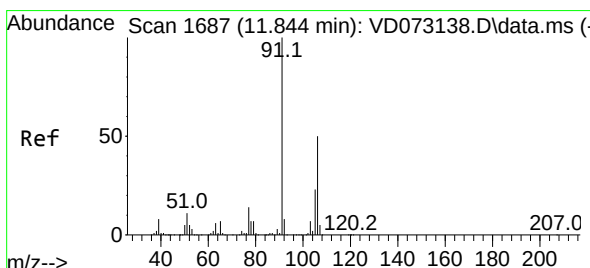
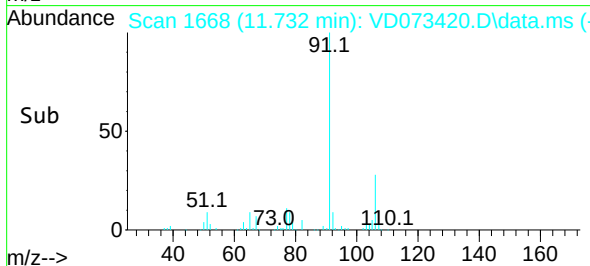
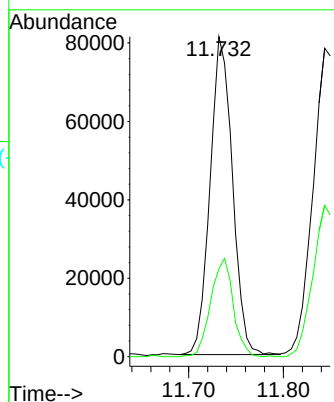
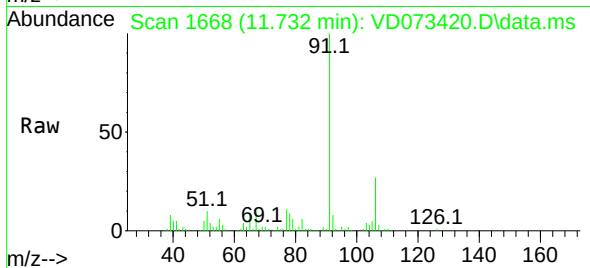




#67
Ethyl Benzene
Concen: 87.417 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

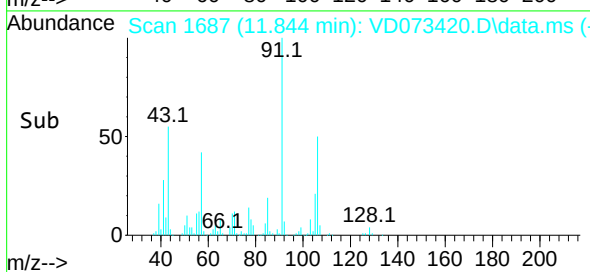
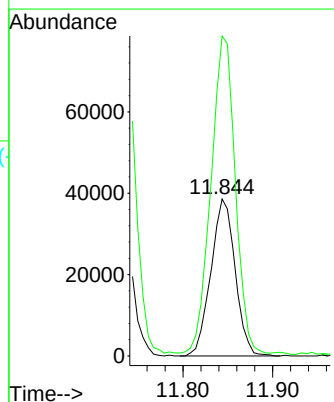
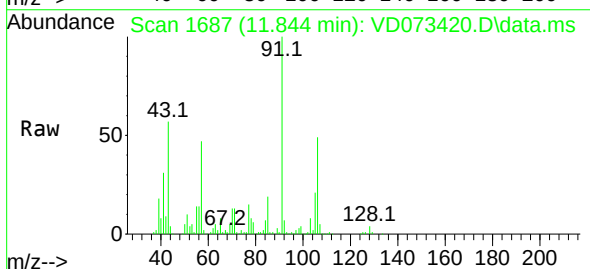
Instrument :
MSVOA_D
ClientSampleId :

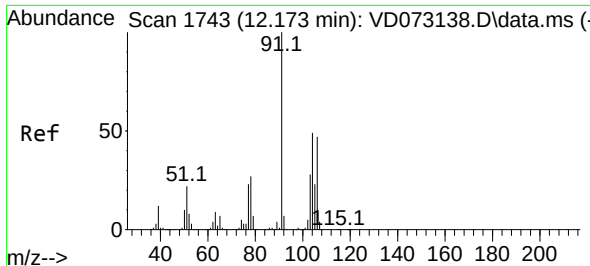
Tgt Ion: 91 Resp: 132955
Ion Ratio Lower Upper
91 100
106 27.7 24.2 36.4



#68
m/p-Xylenes
Concen: 122.558 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 106 Resp: 72420
Ion Ratio Lower Upper
106 100
91 202.0 163.7 245.5

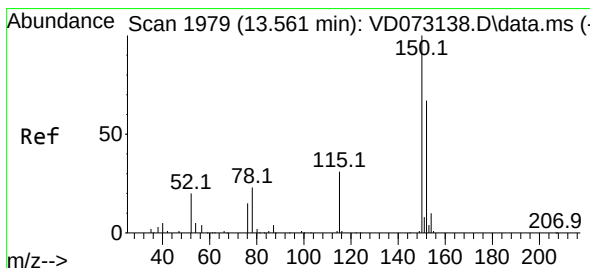
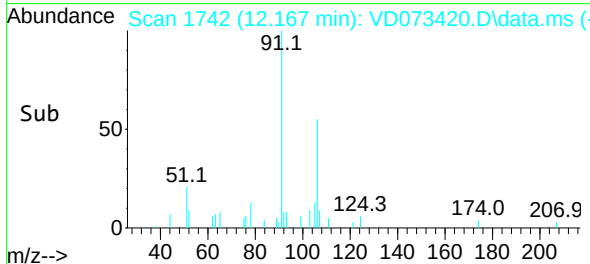
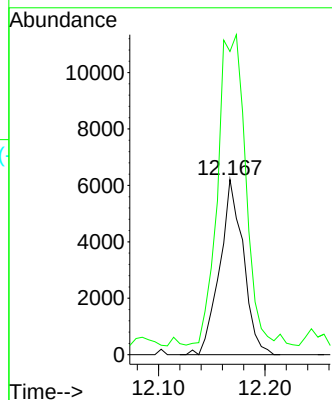
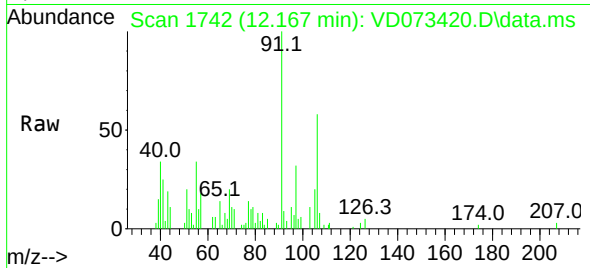




#69
o-Xylene
Concen: 17.549 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

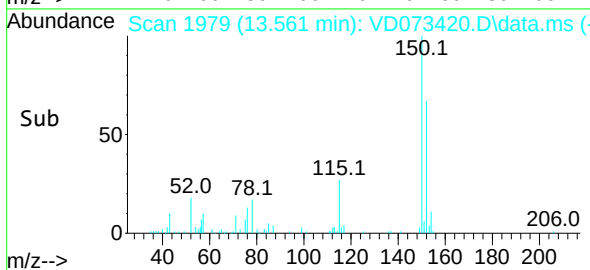
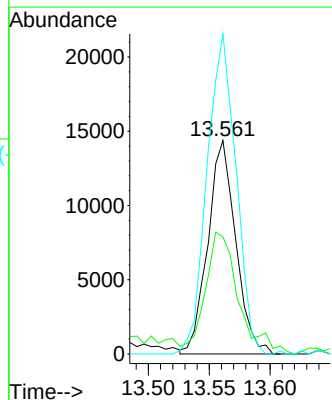
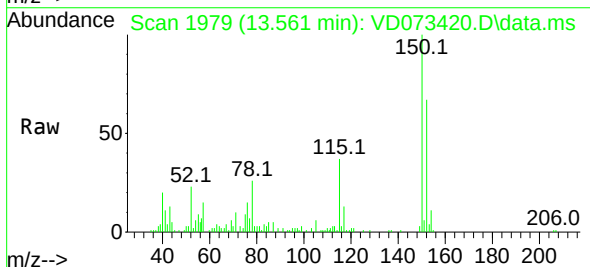
Instrument :
MSVOA_D
ClientSampleId :

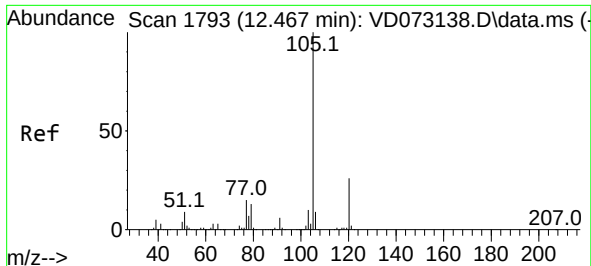
Tgt Ion:106 Resp: 9526
Ion Ratio Lower Upper
106 100
91 211.8 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion:152 Resp: 22886
Ion Ratio Lower Upper
152 100
115 67.9 31.3 93.8
150 155.6 0.0 348.6

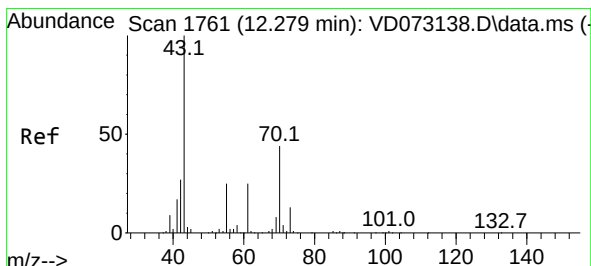
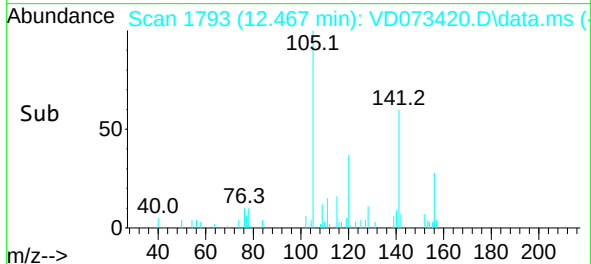
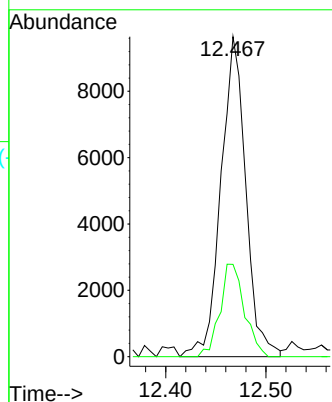
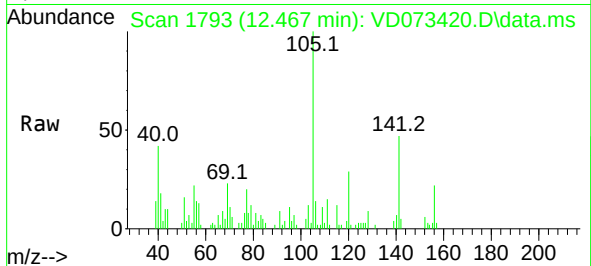




#73
Isopropylbenzene
Concen: 10.197 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

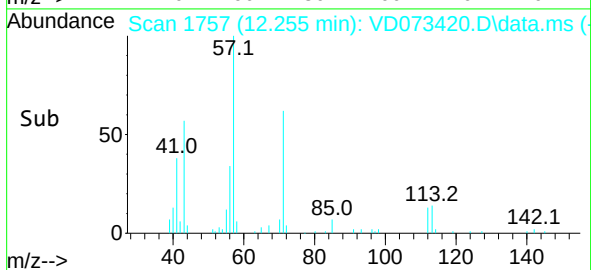
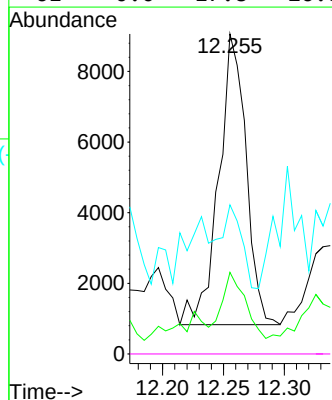
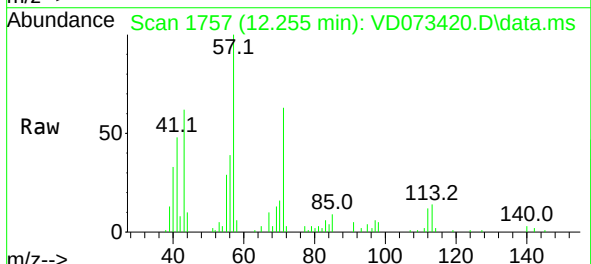
Instrument :
MSVOA_D
ClientSampleId :

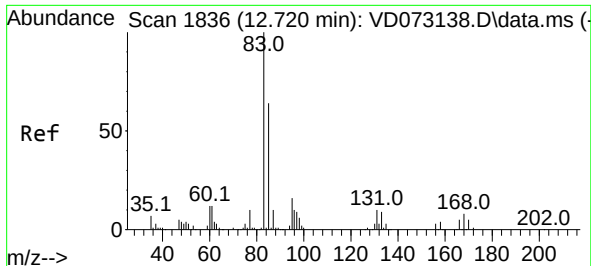
Tgt Ion:105 Resp: 16636
Ion Ratio Lower Upper
105 100
120 28.4 13.0 38.9



#74
N-ethyl acetate
Concen: 36.118 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 43 Resp: 12855
Ion Ratio Lower Upper
43 100
70 19.1 31.3 46.9#
55 19.1 20.0 30.0#
61 0.0 17.8 26.8#

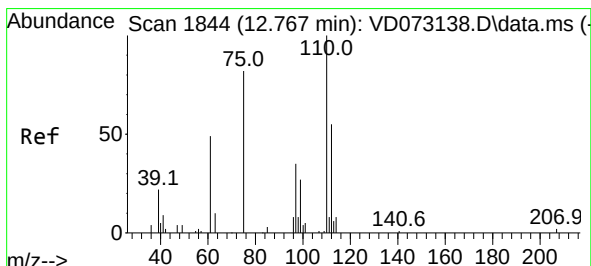
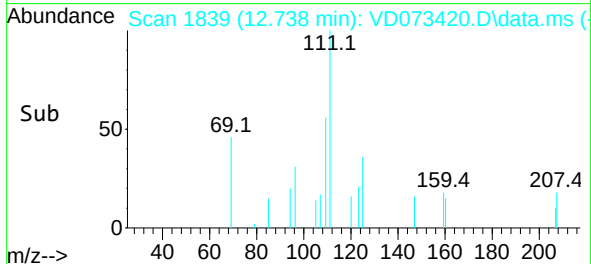
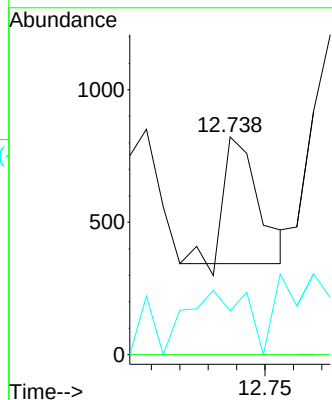
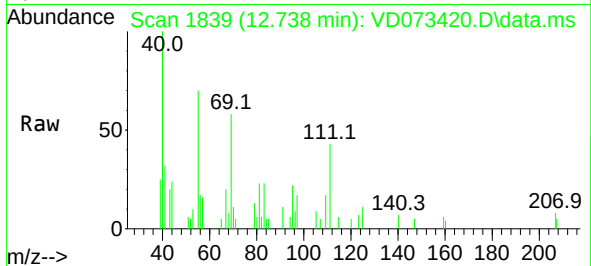




#75
1,1,2,2-Tetrachloroethane
Concen: 1.392 ug/l
RT: 12.738 min Scan# 1839
Delta R.T. 0.018 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

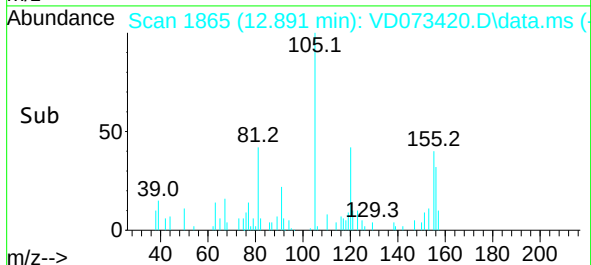
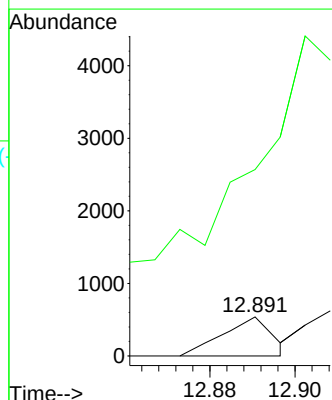
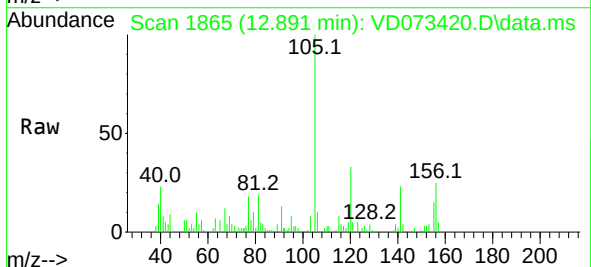
Instrument :
MSVOA_D
ClientSampleId :

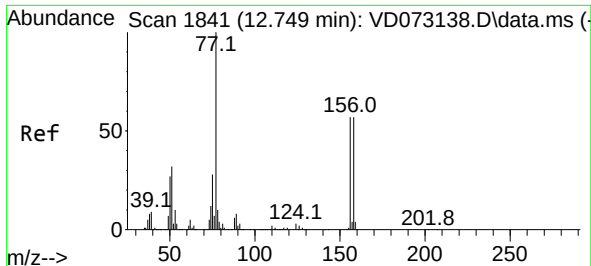
Tgt Ion: 83 Resp: 419
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 83.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 1.955 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. 0.124 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

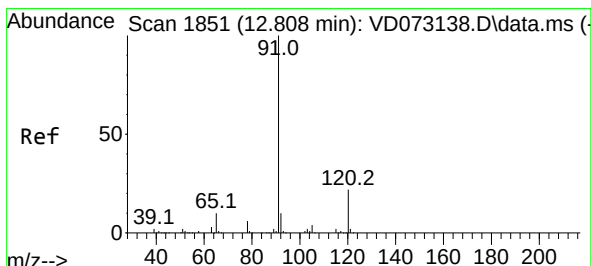
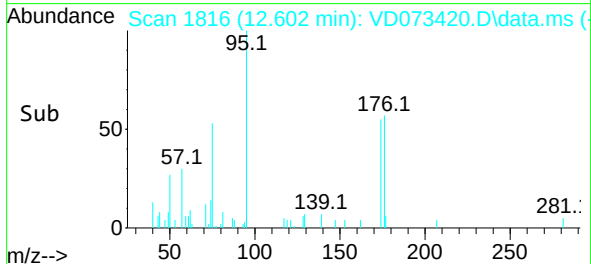
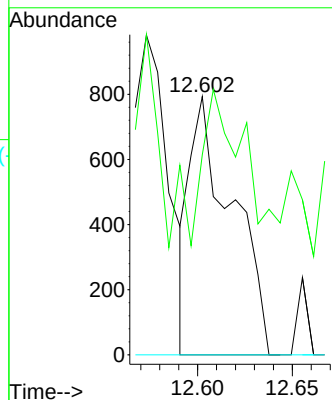
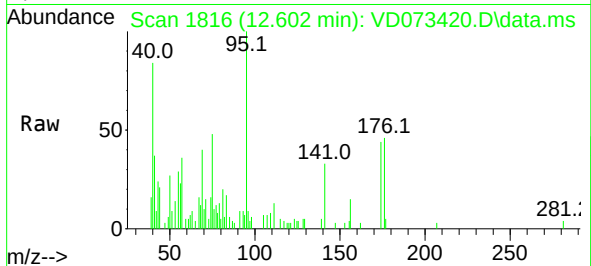




#77
Bromobenzene
Concen: 3.216 ug/l
RT: 12.602 min Scan# 1816
Delta R.T. -0.147 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

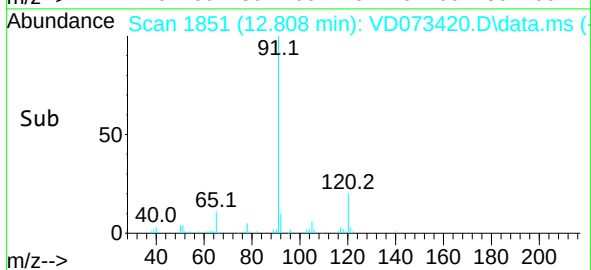
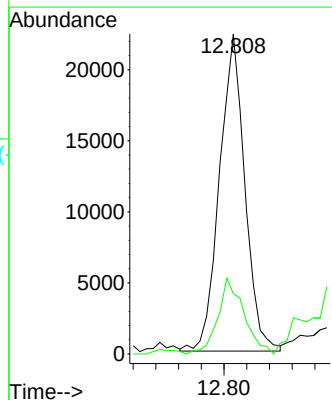
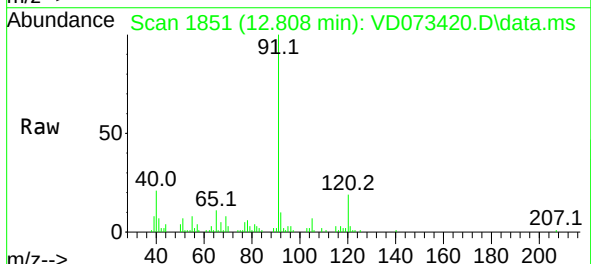
Instrument :
MSVOA_D
ClientSampleId :

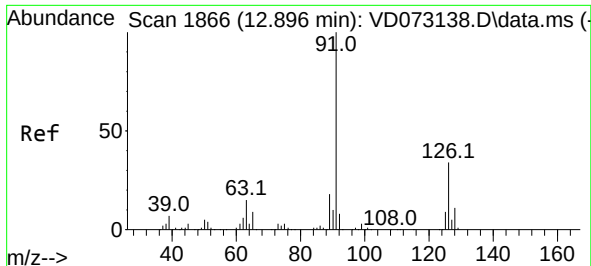
Tgt Ion:156 Resp: 1235
Ion Ratio Lower Upper
156 100
77 57.2 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 16.887 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 91 Resp: 34589
Ion Ratio Lower Upper
91 100
120 24.4 10.9 32.9

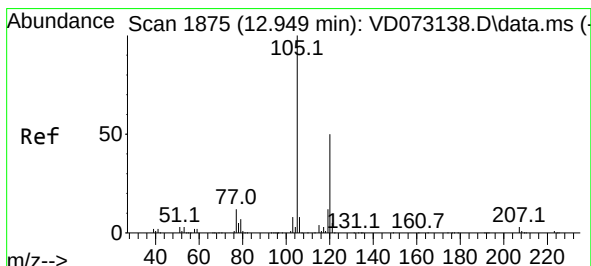
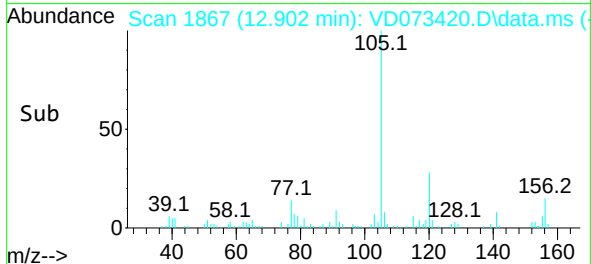
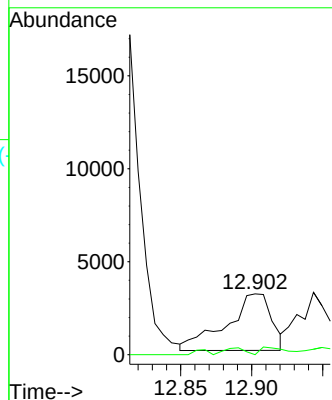
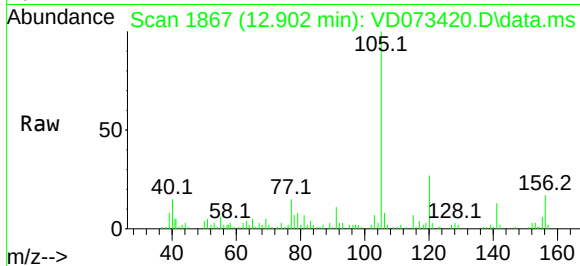




#79
2-Chlorotoluene
Concen: 5.670 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

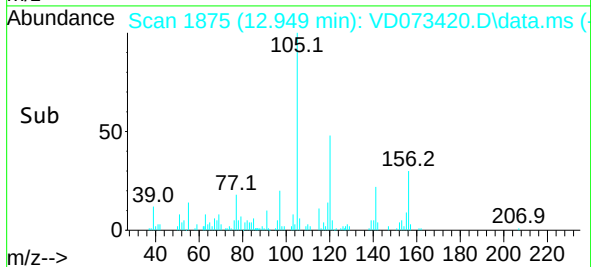
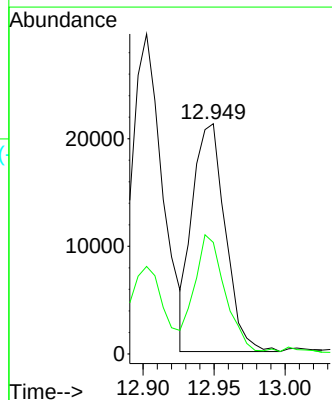
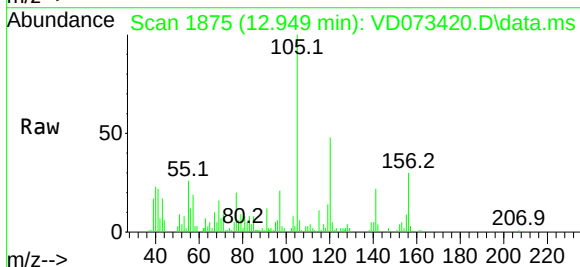
Instrument :
MSVOA_D
ClientSampleId :

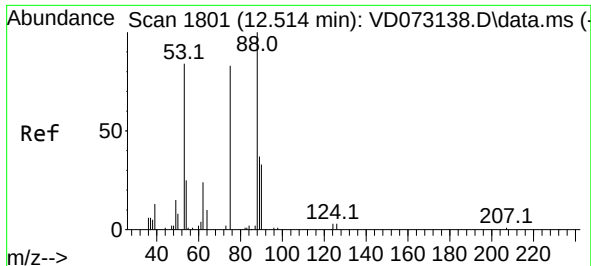
Tgt Ion: 91 Resp: 6705
Ion Ratio Lower Upper
91 100
126 7.6 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 24.627 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 105 Resp: 34036
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

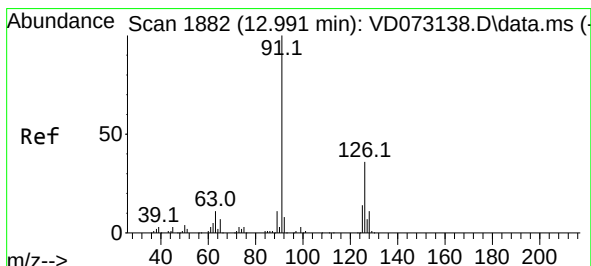
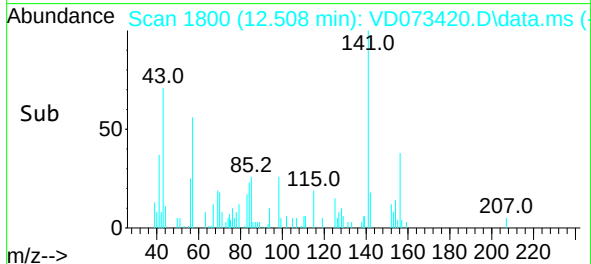
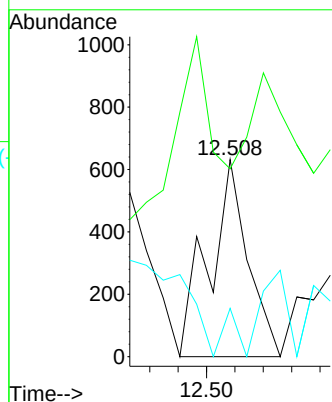
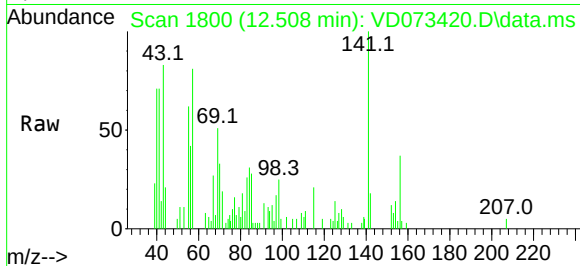




#81
trans-1,4-Dichloro-2-butene
Concen: 6.383 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

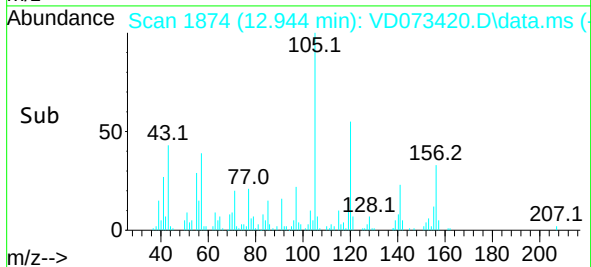
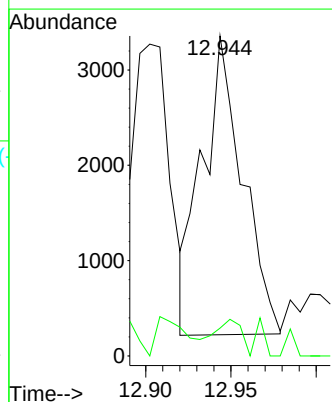
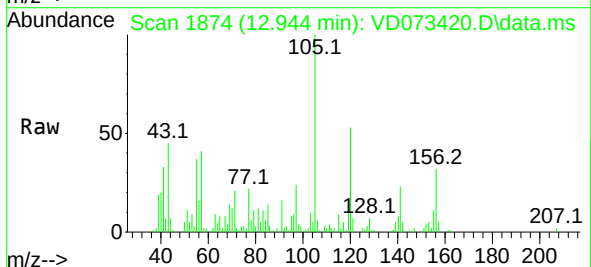
Instrument :
MSVOA_D
ClientSampleId :

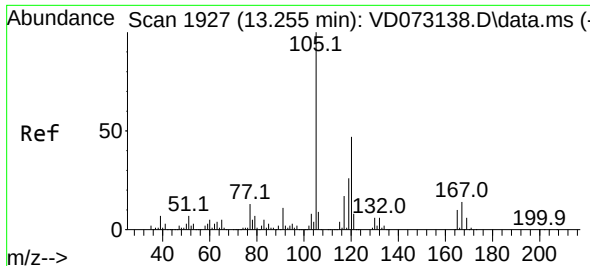
Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
53 75.7 86.5 129.7#
89 38.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 4.171 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.047 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion: 91 Resp: 5170
Ion Ratio Lower Upper
91 100
126 8.3 16.5 49.5#

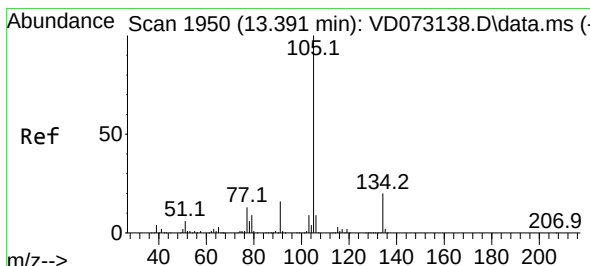
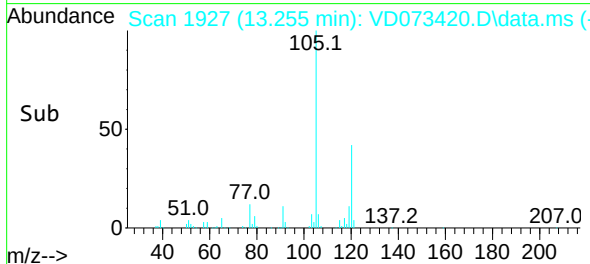
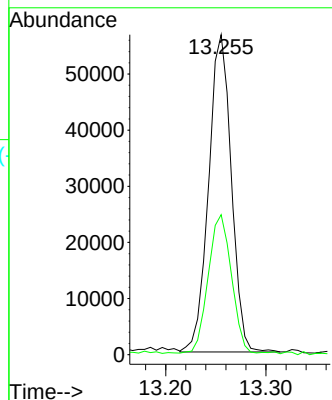
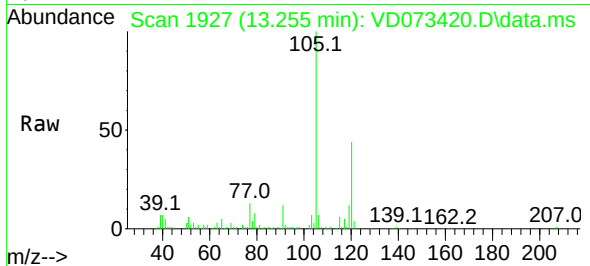




#84
1,2,4-Trimethylbenzene
Concen: 65.219 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

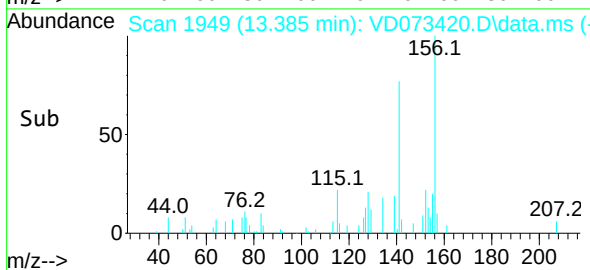
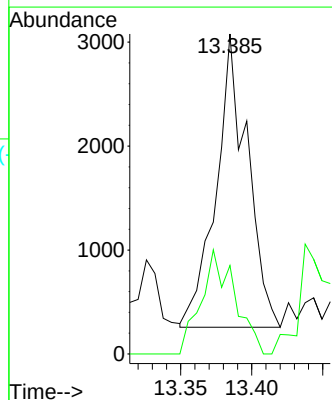
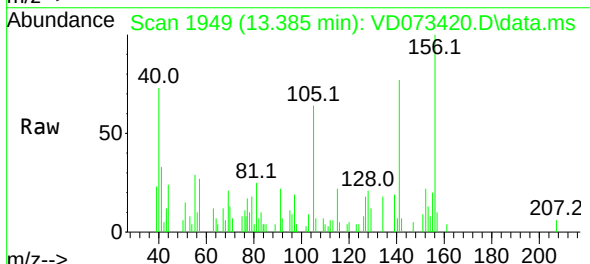
Instrument :
MSVOA_D
ClientSampleId :

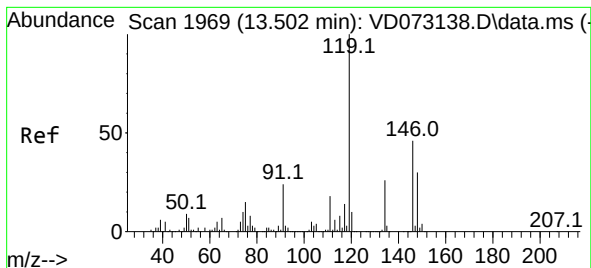
Tgt Ion:105 Resp: 89046
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 2.438 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

Tgt Ion:105 Resp: 4336
Ion Ratio Lower Upper
105 100
134 38.1 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 2.789 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073420.D

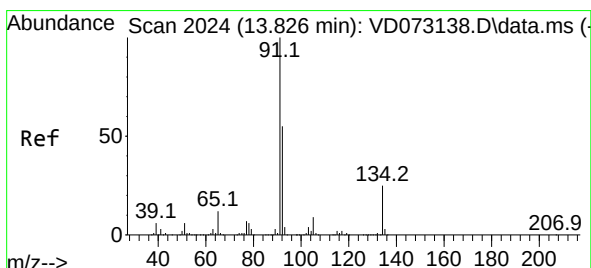
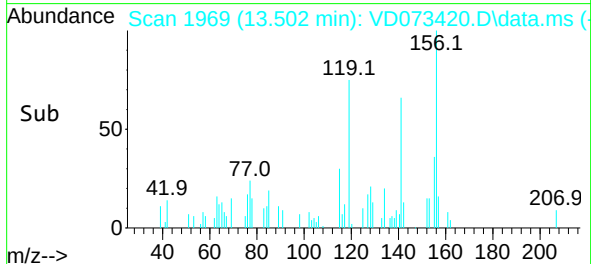
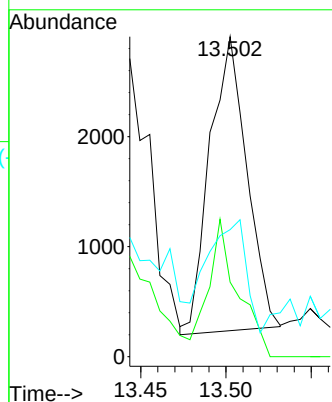
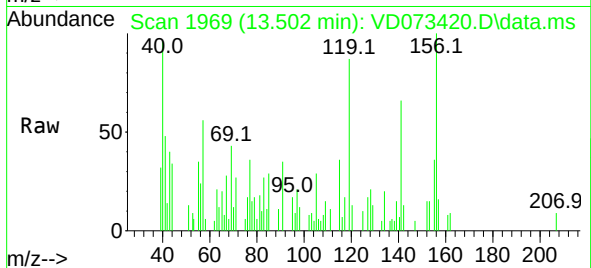
Acq: 27 May 2022 19:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	119	Resp:	4044
Ion	Ratio	Lower	Upper
119	100		
134	36.6	12.9	38.6
91	39.1	12.1	36.3#



#89

n-Butylbenzene

Concen: 3.416 ug/l

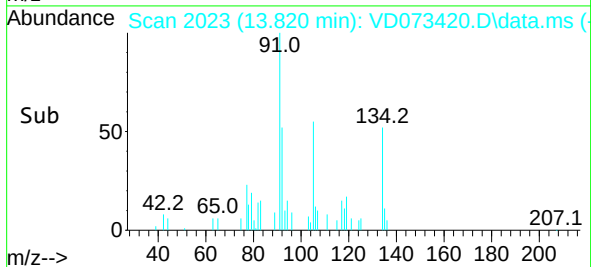
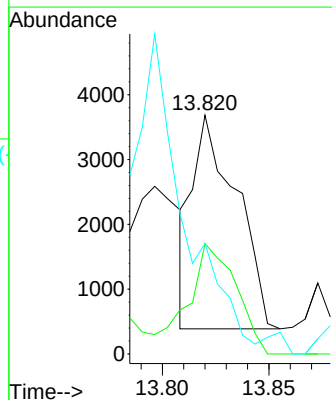
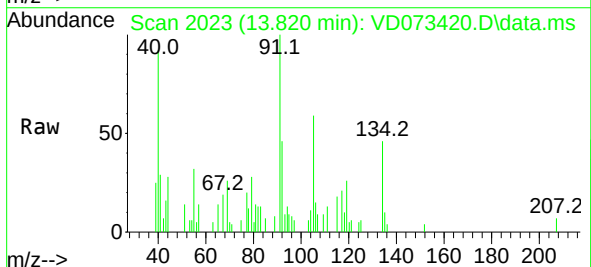
RT: 13.820 min Scan# 2023

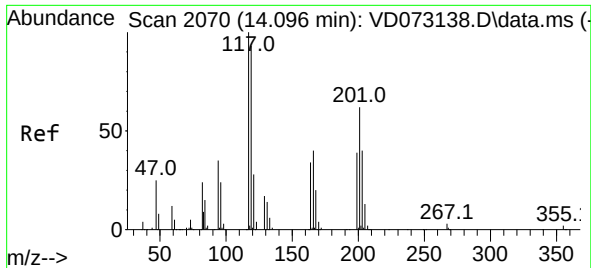
Delta R.T. -0.006 min

Lab File: VD073420.D

Acq: 27 May 2022 19:33

Tgt Ion:	91	Resp:	4719
Ion	Ratio	Lower	Upper
91	100		
92	56.1	26.6	79.8
134	0.0	12.3	36.9#

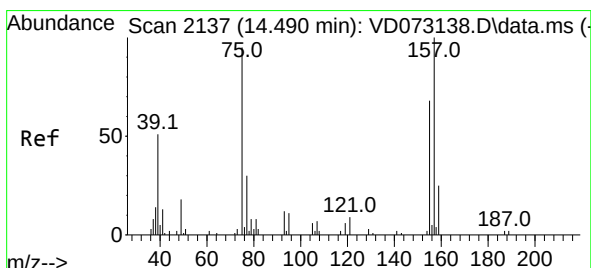
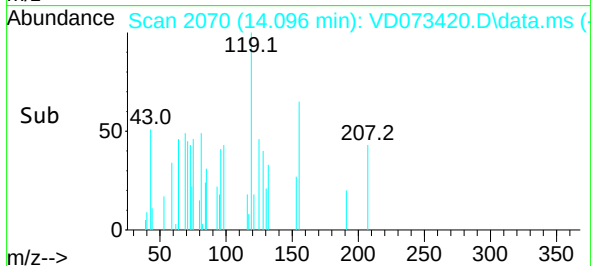
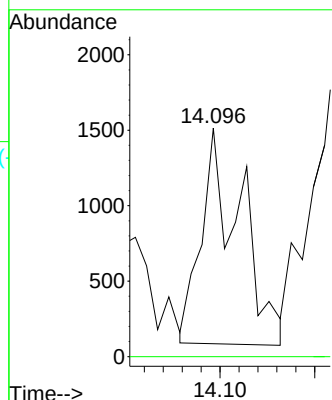
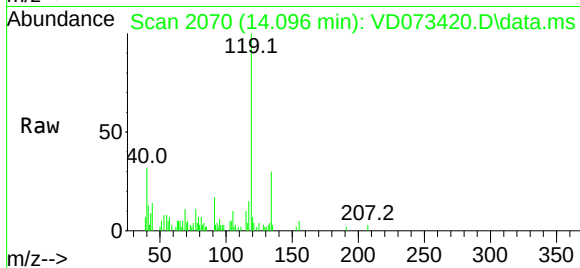




#90
Hexachloroethane
Concen: 6.840 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

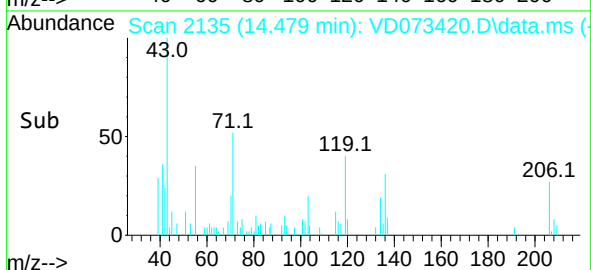
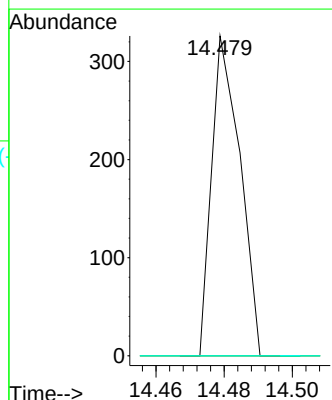
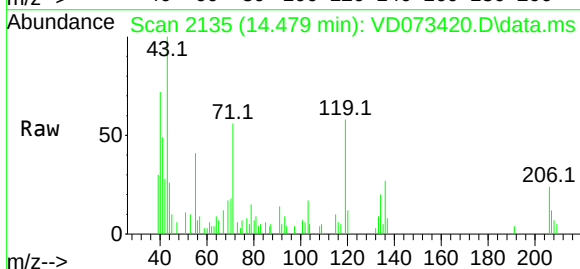
Instrument :
MSVOA_D
ClientSampleId :

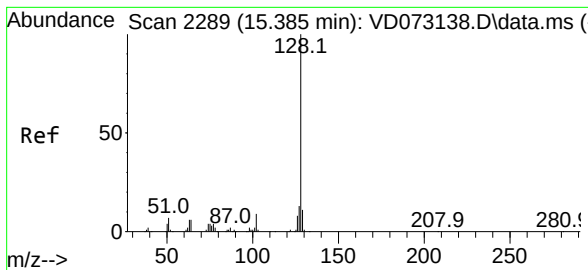
Tgt Ion:117 Resp: 2052
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.080 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.011 min
Lab File: VD073420.D
Acq: 27 May 2022 19:33

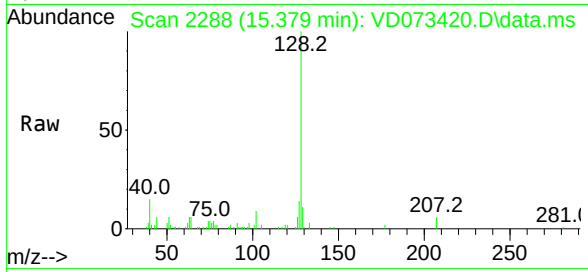
Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#95
 Naphthalene
 Concen: 55.664 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073420.D
 Acq: 27 May 2022 19:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 42012

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	12.1	8.4	12.6

