

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073415.D
 Acq On : 27 May 2022 17:08
 Operator : VA/SY
 Sample : N3104-01
 Misc : 4.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:45:35 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	7.973	168	276043	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	586043	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.638	117	636362	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413822	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	216025	70.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.620%	
35) Dibromofluoromethane	7.914	113	118702	30.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.400%	
50) Toluene-d8	10.344	98	4902431	343.907	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 687.820%#	
62) 4-Bromofluorobenzene	12.614	95	1225756	245.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 490.040%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.168	50	39822	12.768	ug/l	# 63
5) Bromomethane	2.774	94	641	Below Cal	#	66
11) Tert butyl alcohol	5.226	59	4473	9.450	ug/l	# 74
13) Acrolein	3.873	56	1183338	6795.622	ug/l	# 1
14) Allyl chloride	4.797	41	5468303	1221.164	ug/l	# 70
15) Acrylonitrile	5.491	53	1753207	2766.746	ug/l	# 39
16) Acetone	4.138	43	3109612	5884.885	ug/l	# 59
17) Carbon Disulfide	4.403	76	15709	1.708	ug/l	98
18) Methyl Acetate	4.797	43	4091910	2784.861	ug/l	# 56
19) Methyl tert-butyl Ether	5.497	73	9799	1.550	ug/l	# 1
20) Methylene Chloride	4.815	84	1656473	532.784	ug/l	# 10
23) Vinyl Acetate	6.279	43	1476390	294.861	ug/l	# 78
24) 1,1-Dichloroethane	6.279	63	143267	23.777	ug/l	# 82
25) 2-Butanone	7.209	43	1002612	1296.907	ug/l	# 56
26) 2,2-Dichloropropane	7.032	77	436325	84.913	ug/l	# 54
28) Bromochloromethane	7.567	49	6468	3.116	ug/l	# 19
29) Tetrahydrofuran	7.567	42	150887	301.843	ug/l	# 38
30) Chloroform	7.673	83	8971719	1426.240	ug/l	# 17
31) Cyclohexane	8.073	56	16346519	3066.256	ug/l	# 28
32) 1,1,1-Trichloroethane	7.879	97	8987	1.633	ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	75815	13.035	ug/l	# 1
37) Ethyl Acetate	7.209	43	1002612	436.430	ug/l	# 72
39) Methylcyclohexane	9.538	83	2034562	313.892	ug/l	# 1
40) Benzene	8.350	78	19793204	1180.845	ug/l	91
41) Methacrylonitrile	7.567	41	1876850	1402.226	ug/l	# 57
42) 1,2-Dichloroethane	8.473	62	110836	23.764	ug/l	# 1
43) Isopropyl Acetate	8.456	43	5356238	1261.399	ug/l	# 54
45) 1,2-Dichloropropane	9.367	63	990478	234.638	ug/l	# 1
46) Dibromomethane	9.491	93	21082	9.093	ug/l	# 1
47) Bromodichloromethane	9.644	83	5404373	911.036	ug/l	# 26
48) Methyl methacrylate	9.538	41	7892039	3694.173	ug/l	# 45
49) 1,4-Dioxane	9.538	88	257	10.734	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.273	43	861992	390.850	ug/l	# 62
52) Toluene	10.403	92	14973903	1413.675	ug/l	# 73
53) t-1,3-Dichloropropene	10.638	75	5869	1.095	ug/l	# 1
55) 1,1,2-Trichloroethane	10.779	97	10382228	3311.602	ug/l	# 21

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Quant Time: May 28 09:45:35 2022
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 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

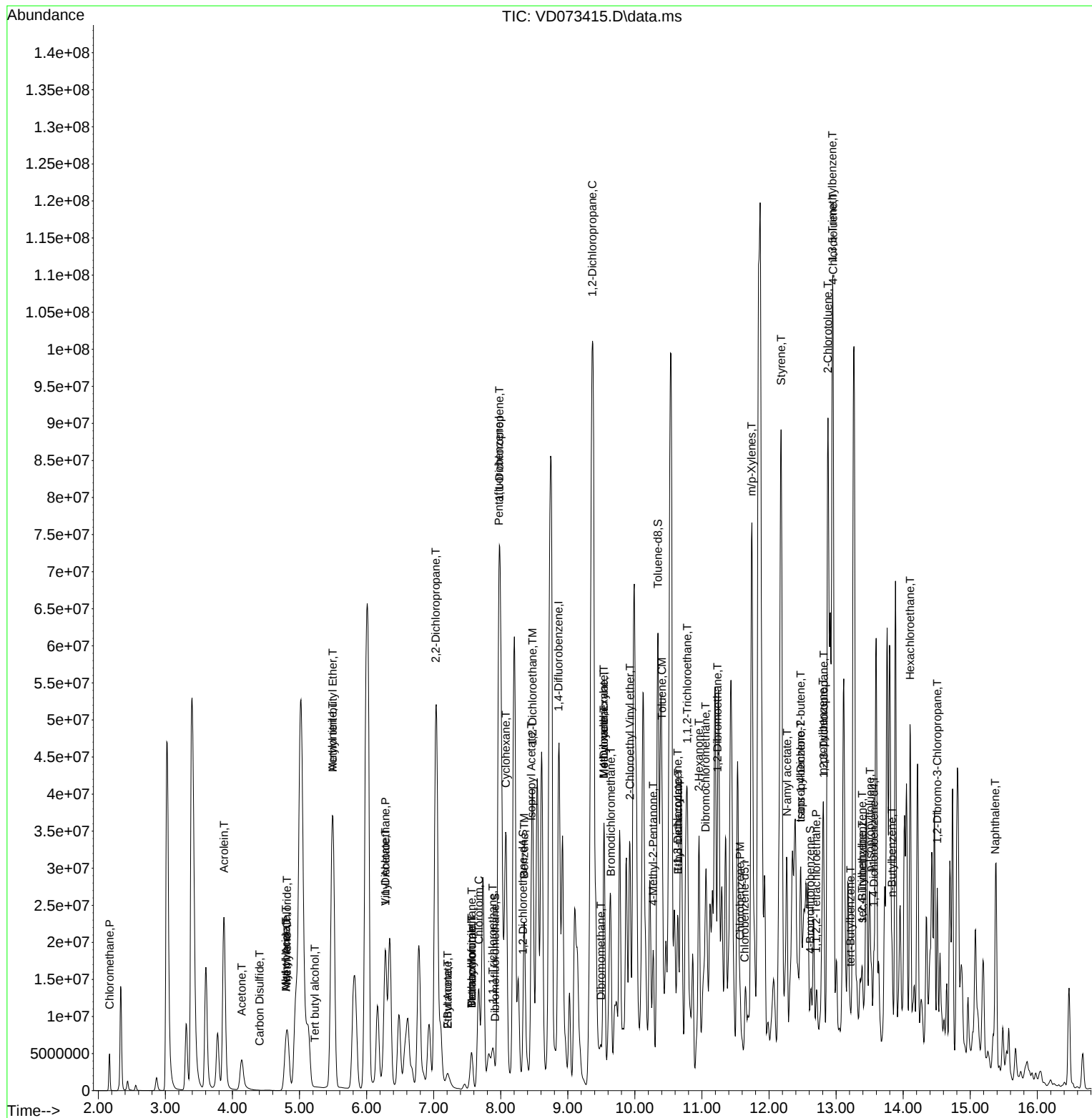
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.644	69	2714381	778.710	ug/l #	71
58) 2-Chloroethyl Vinyl ether	9.926	63	125107	90.631	ug/l #	48
59) 2-Hexanone	10.955	43	12901769	8873.257	ug/l #	32
60) Dibromochloromethane	11.055	129	36954	9.453	ug/l #	10
61) 1,2-Dibromoethane	11.232	107	53080	17.718	ug/l #	1
65) Chlorobenzene	11.567	112	126613	9.699	ug/l #	46
68) m/p-Xylenes	11.738	106	19871336	2231.812	ug/l #	1
70) Styrene	12.179	104	1800260	127.928	ug/l #	1
73) Isopropylbenzene	12.473	105	12873420	436.371	ug/l	95
74) N-amyl acetate	12.267	43	6084890	945.486	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.702	83	288951	53.107	ug/l #	77
76) 1,2,3-Trichloropropane	12.814	75	182094	44.847	ug/l #	100
78) n-propylbenzene	12.802	91	20054526	541.483	ug/l #	75
79) 2-Chlorotoluene	12.879	91	15465638	723.225	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.944	105	334723	13.394	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.473	75	171870	101.620	ug/l #	22
82) 4-Chlorotoluene	12.955	91	4490518	200.343	ug/l #	43
83) tert-Butylbenzene	13.214	119	392646	18.643	ug/l	88
84) 1,2,4-Trimethylbenzene	13.391	105	4848256	196.381	ug/l #	32
85) sec-Butylbenzene	13.391	105	4854891	150.963	ug/l #	62
86) p-Isopropyltoluene	13.508	119	6331196	241.507	ug/l	97
89) n-Butylbenzene	13.832	91	5777158	231.287	ug/l #	67
90) Hexachloroethane	14.102	117	2434516	448.812	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	36613	43.942	ug/l #	24
95) Naphthalene	15.373	128	20681527	1422.578	ug/l #	85

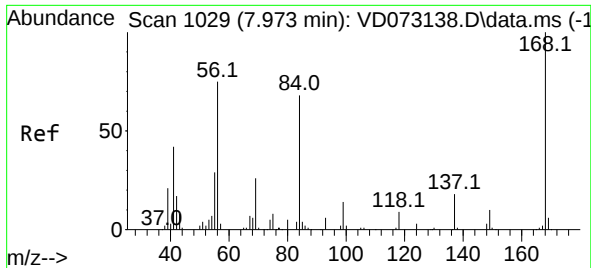
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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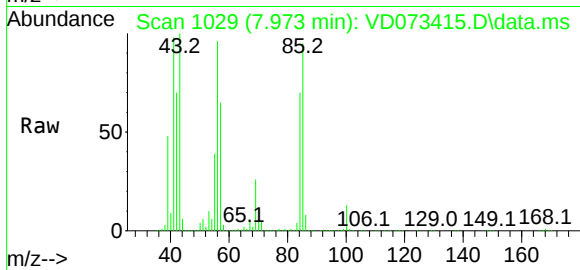
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



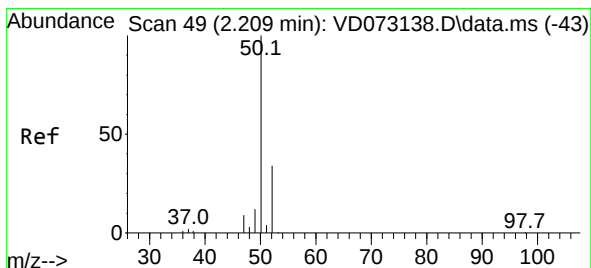
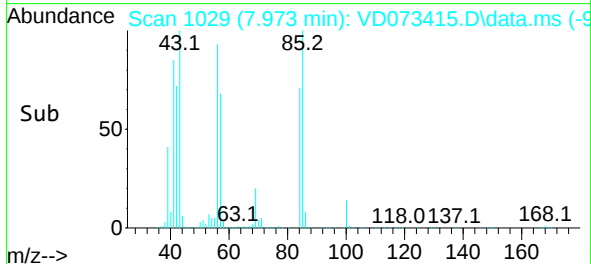
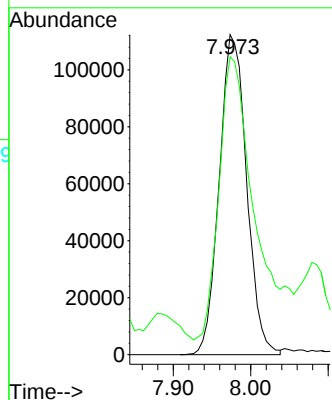


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

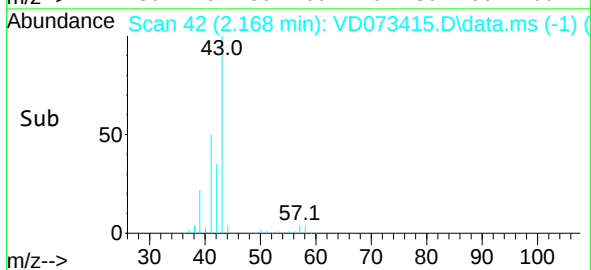
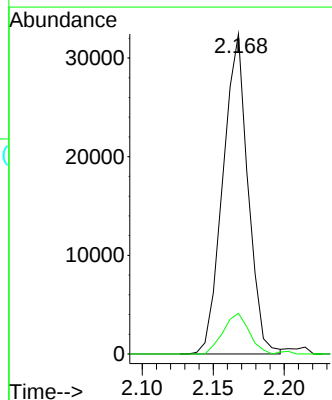
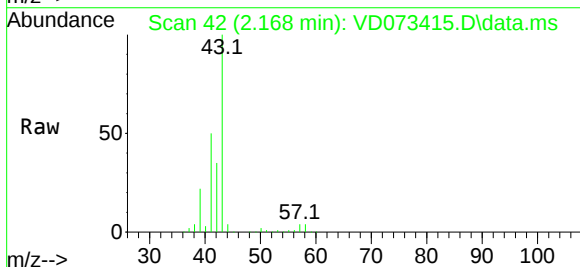


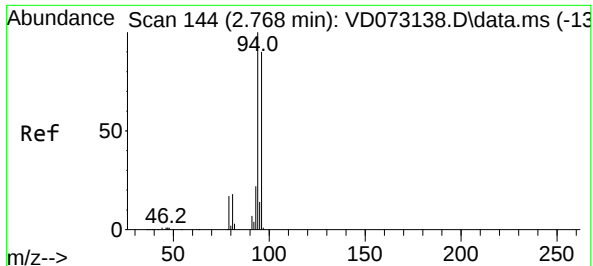
Tgt Ion:168 Resp: 276043
Ion Ratio Lower Upper
168 100
99 84.0 49.8 74.6#



#3
Chloromethane
Concen: 12.768 ug/l
RT: 2.168 min Scan# 42
Delta R.T. -0.041 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 50 Resp: 39822
Ion Ratio Lower Upper
50 100
52 12.7 27.4 41.0#

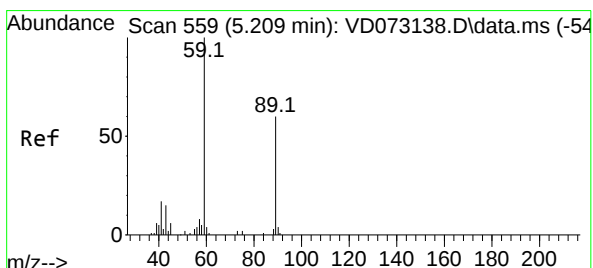
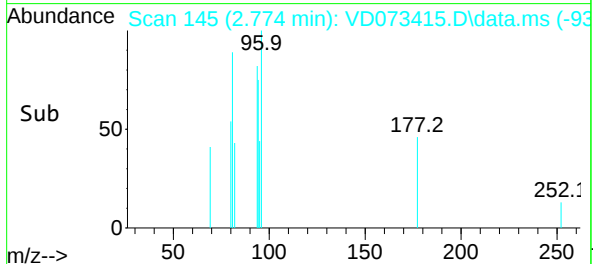
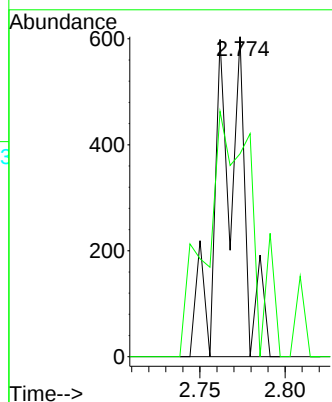
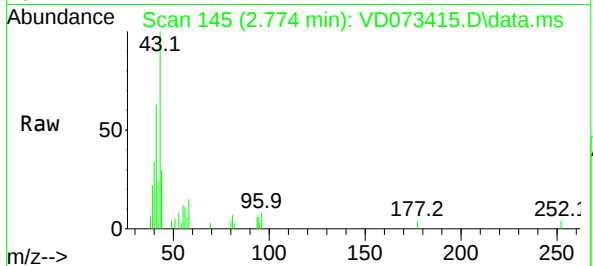




#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

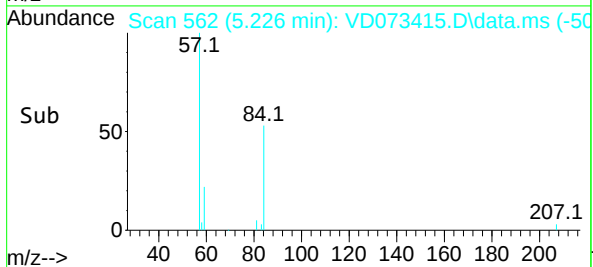
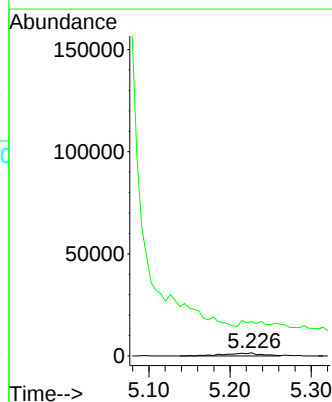
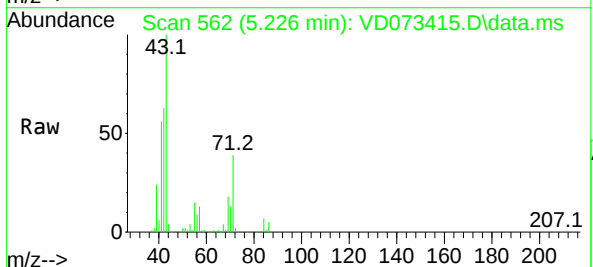
Instrument :
MSVOA_D
ClientSampleId :

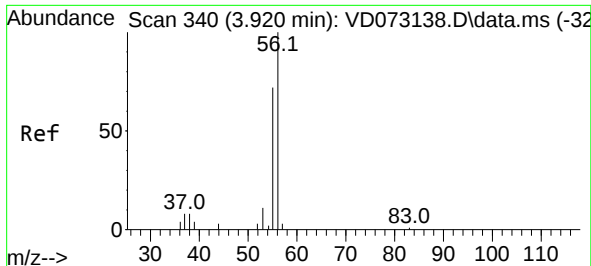
Tgt Ion: 94 Resp: 641
Ion Ratio Lower Upper
94 100
96 63.4 77.6 116.4#



#11
Tert butyl alcohol
Concen: 9.450 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.017 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 59 Resp: 4473
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#13

Acrolein

Concen: 6795.622 ug/l

RT: 3.873 min Scan# 31

Delta R.T. -0.046 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

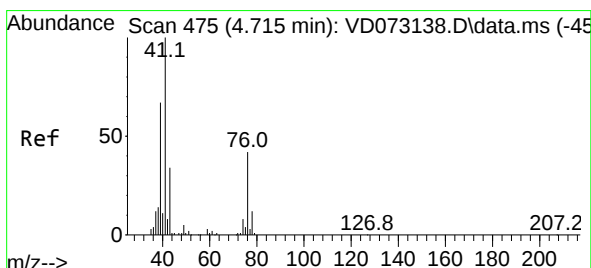
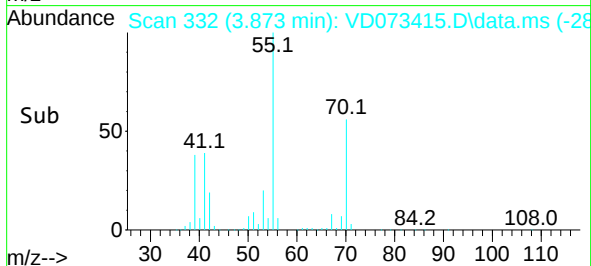
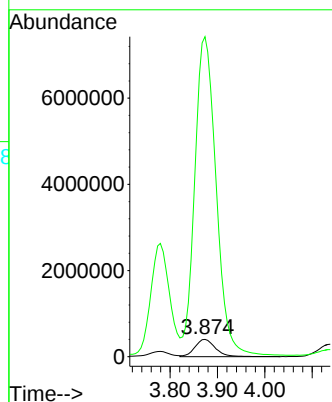
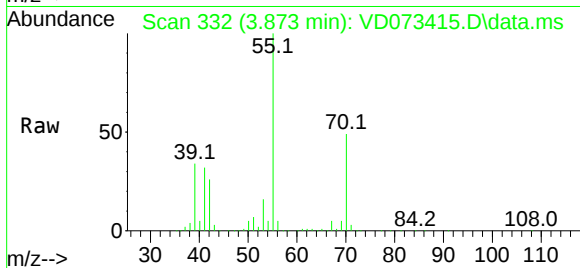
ClientSampleId :

Tgt Ion: 56 Resp: 1183338

Ion Ratio Lower Upper

56 100

55 1951.1 57.1 85.7#



#14

Allyl chloride

Concen: 1221.164 ug/l

RT: 4.797 min Scan# 489

Delta R.T. 0.082 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

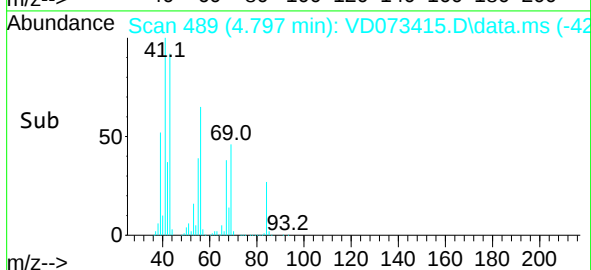
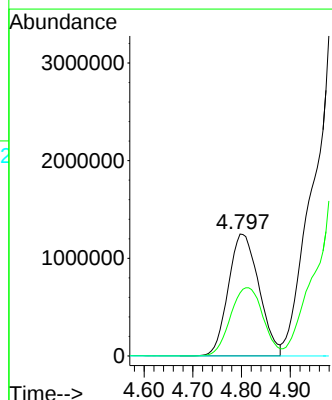
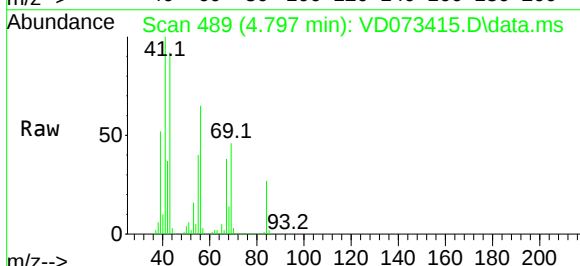
Tgt Ion: 41 Resp: 5468303

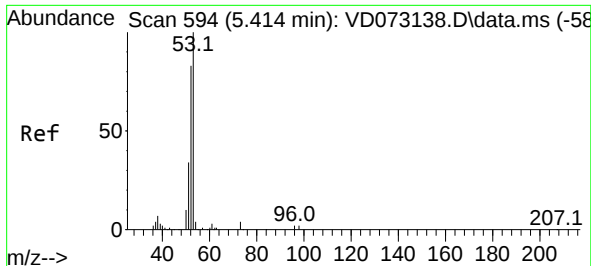
Ion Ratio Lower Upper

41 100

39 59.1 59.3 88.9#

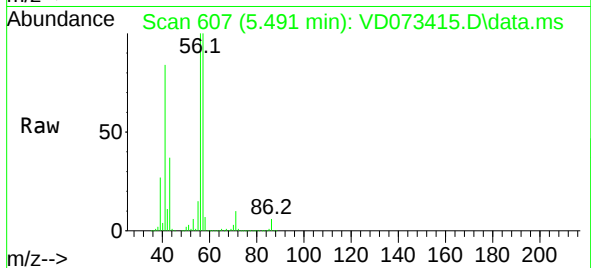
76 0.0 25.7 38.5#





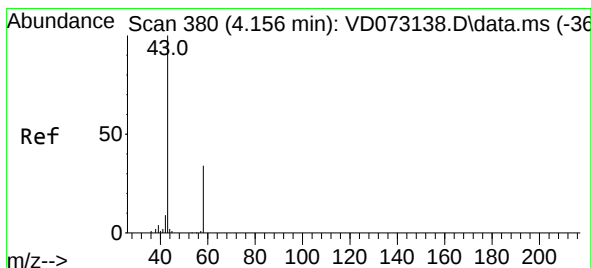
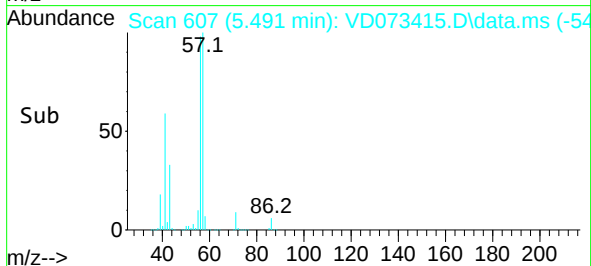
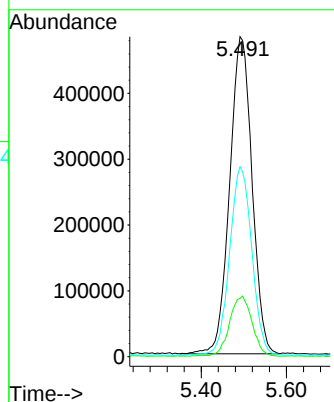
#15
Acrylonitrile
Concen: 2766.746 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.077 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 1753207

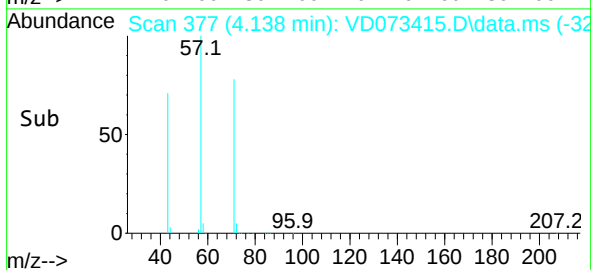
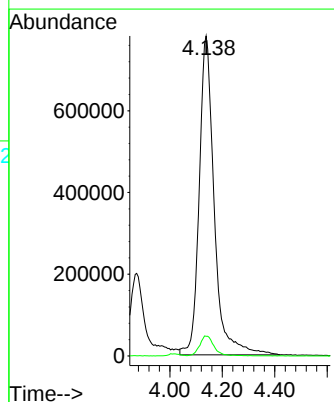
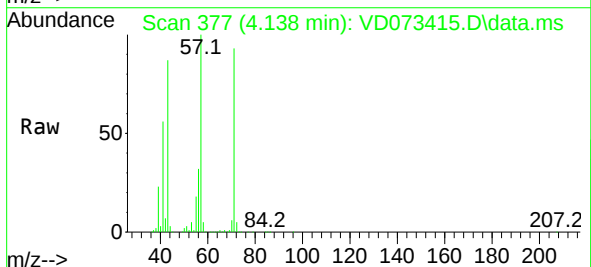
Ion	Ratio	Lower	Upper
53	100		
52	19.0	67.2	100.8#
51	59.4	30.3	45.5#

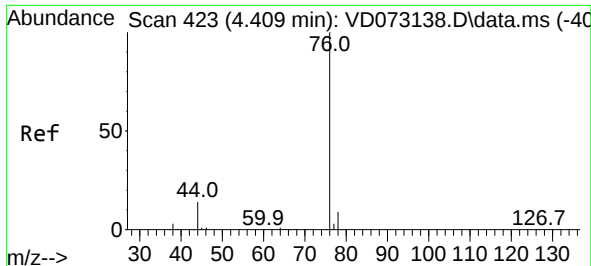


#16
Acetone
Concen: 5884.885 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 43 Resp: 3109612

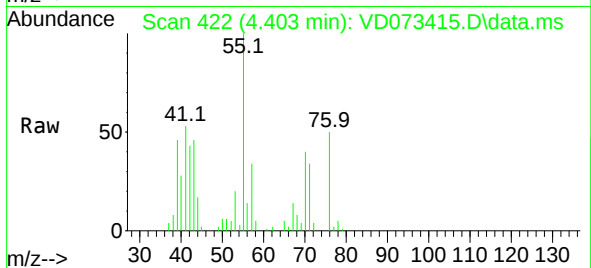
Ion	Ratio	Lower	Upper
43	100		
58	6.1	22.1	33.1#



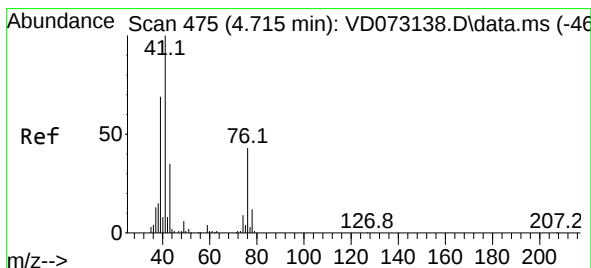
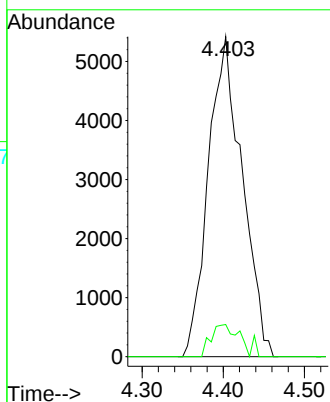
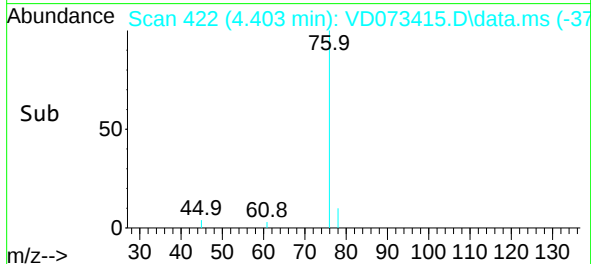


#17
Carbon Disulfide
Concen: 1.708 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

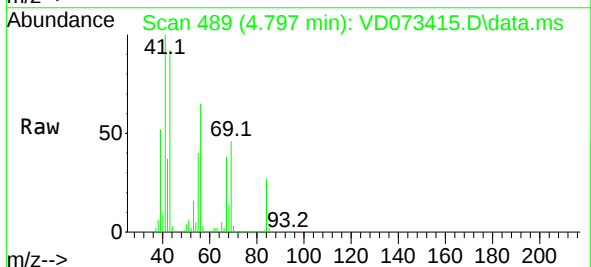
Instrument :
MSVOA_D
ClientSampleId :



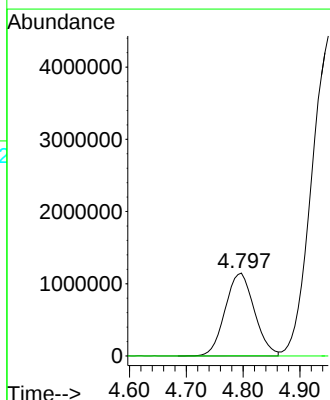
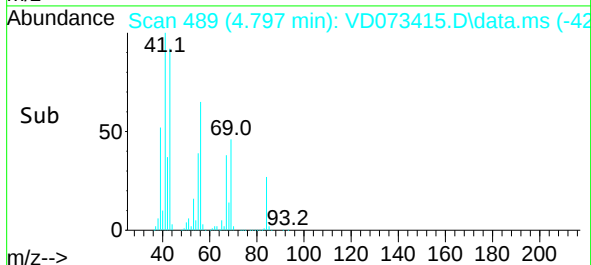
Tgt Ion: 76 Resp: 15709
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

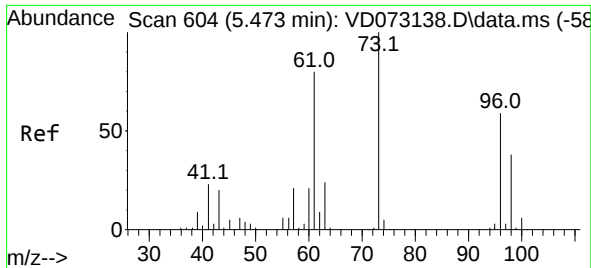


#18
Methyl Acetate
Concen: 2784.861 ug/l
RT: 4.797 min Scan# 489
Delta R.T. 0.082 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



Tgt Ion: 43 Resp: 4091910
Ion Ratio Lower Upper
43 100
74 0.3 16.7 25.1#

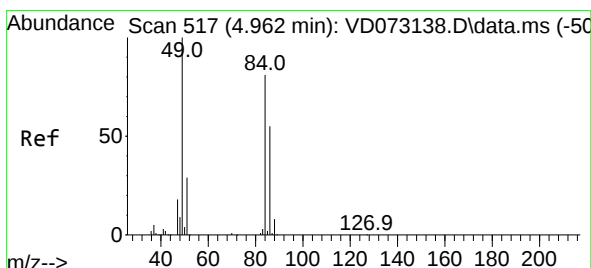
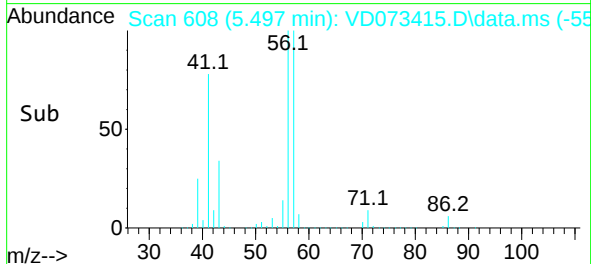
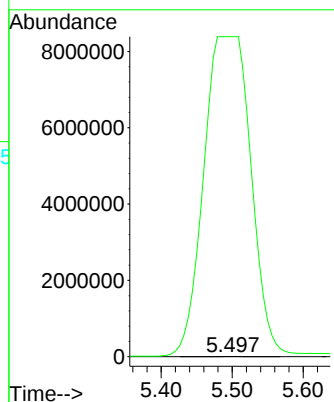
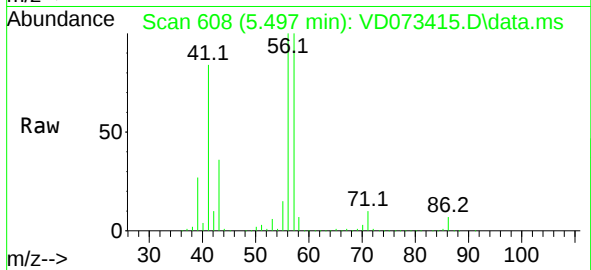




#19
Methyl tert-butyl Ether
Concen: 1.550 ug/l
RT: 5.497 min Scan# 604
Delta R.T. 0.024 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

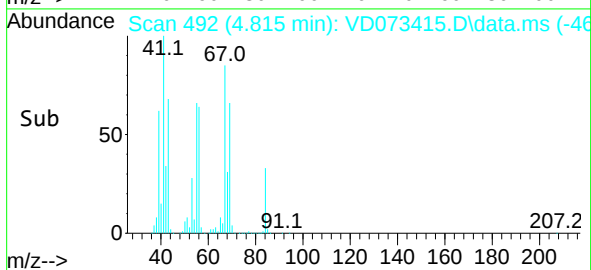
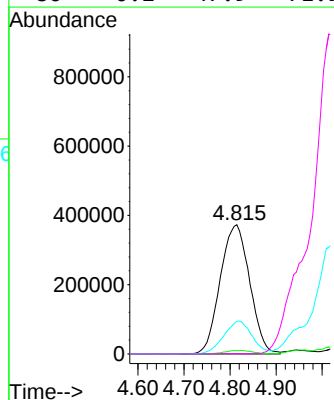
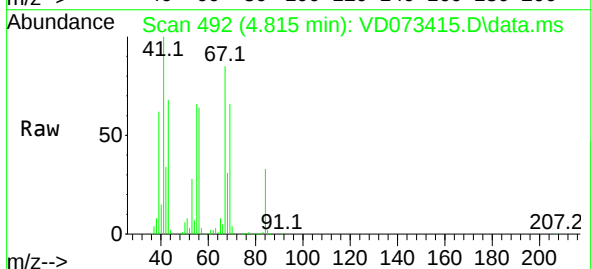
Instrument :
MSVOA_D
ClientSampleId :

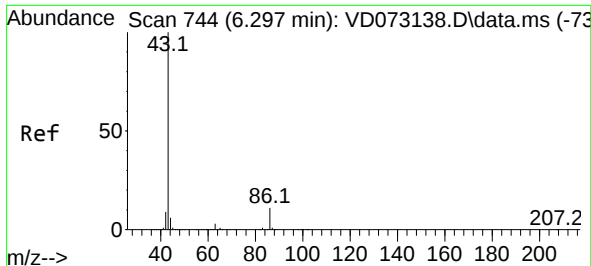
Tgt Ion: 73 Resp: 9799
Ion Ratio Lower Upper
73 100
57 304198.9 18.0 27.0#



#20
Methylene Chloride
Concen: 532.784 ug/l
RT: 4.815 min Scan# 492
Delta R.T. -0.147 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 84 Resp: 1656473
Ion Ratio Lower Upper
84 100
49 2.5 112.8 169.2#
51 25.2 32.6 48.8#
86 0.2 47.9 71.9#

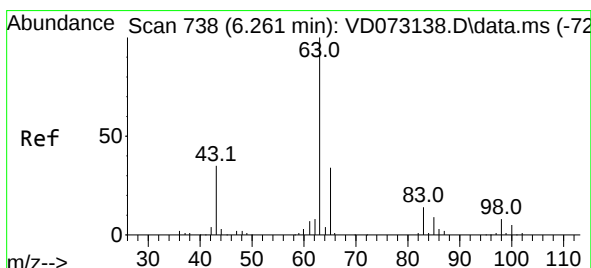
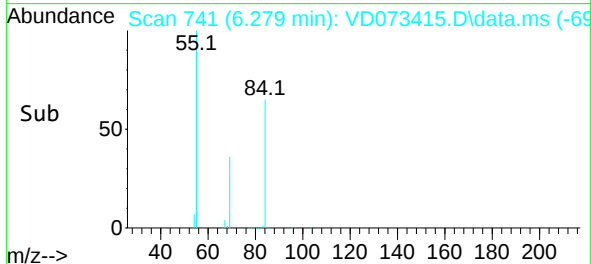
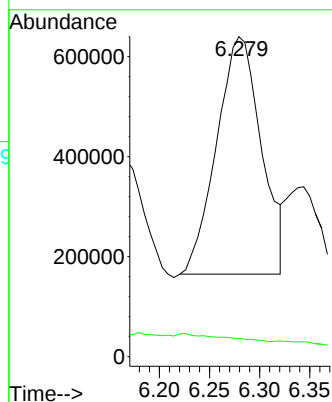
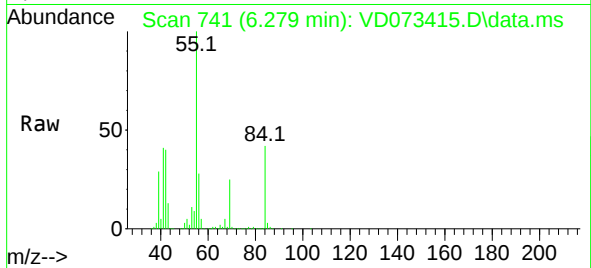




#23
 Vinyl Acetate
 Concen: 294.861 ug/l
 RT: 6.279 min Scan# 741
 Delta R.T. -0.018 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

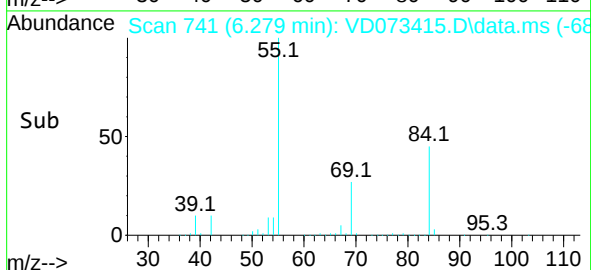
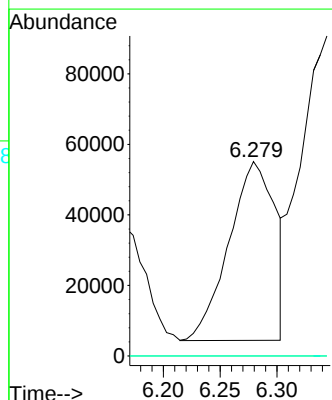
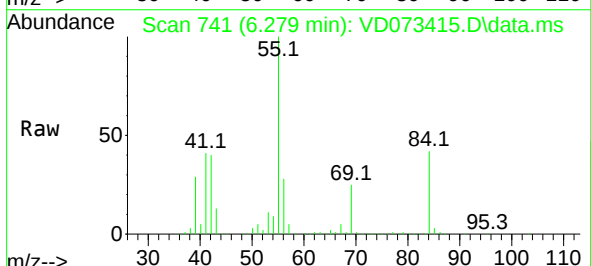
Instrument :
 MSVOA_D
 ClientSampleId :

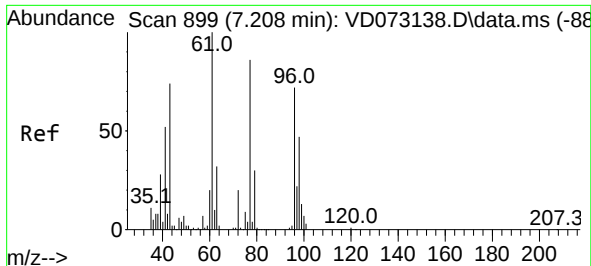
Tgt Ion: 43 Resp: 1476390
 Ion Ratio Lower Upper
 43 100
 86 1.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 23.777 ug/l
 RT: 6.279 min Scan# 741
 Delta R.T. 0.018 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

Tgt Ion: 63 Resp: 143267
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.1 6.5#

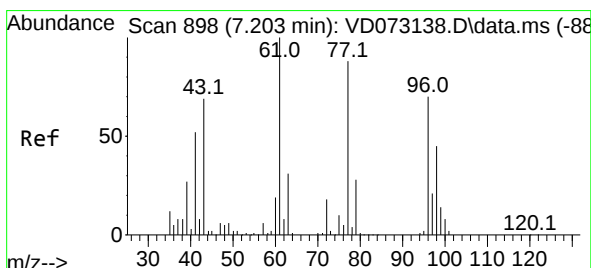
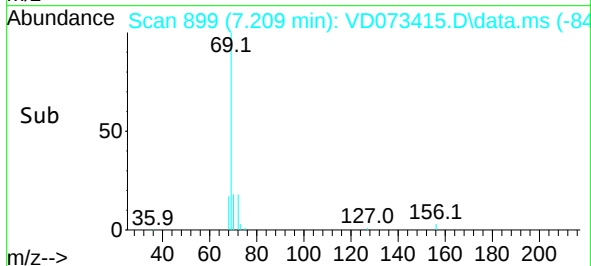
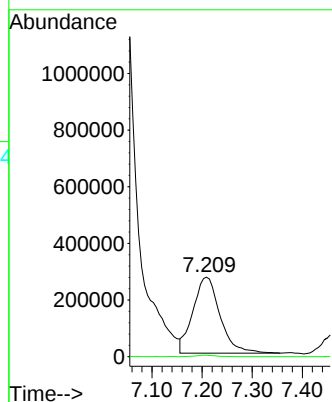
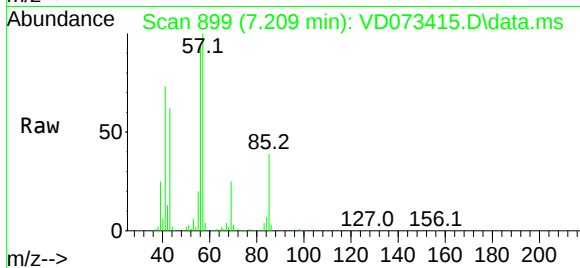




#25
2-Butanone
Concen: 1296.907 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

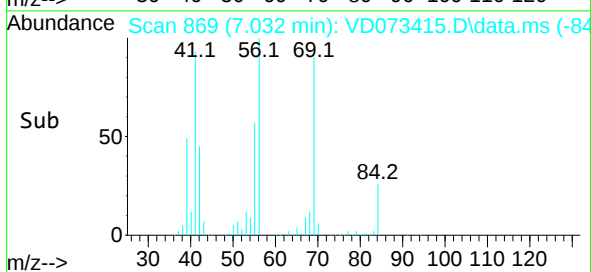
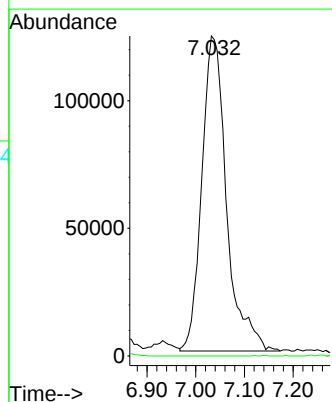
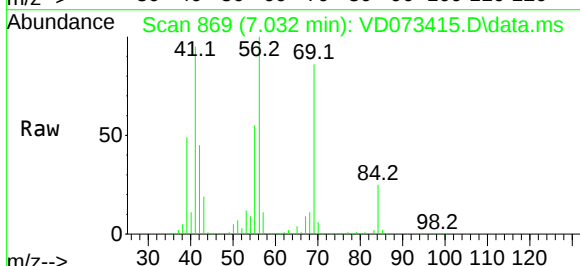
Instrument :
MSVOA_D
ClientSampleId :

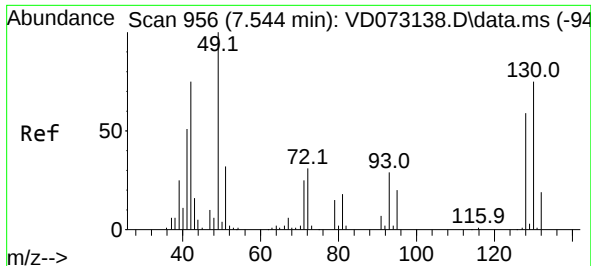
Tgt Ion: 43 Resp: 1002612
Ion Ratio Lower Upper
43 100
72 1.9 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 84.913 ug/l
RT: 7.032 min Scan# 869
Delta R.T. -0.171 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

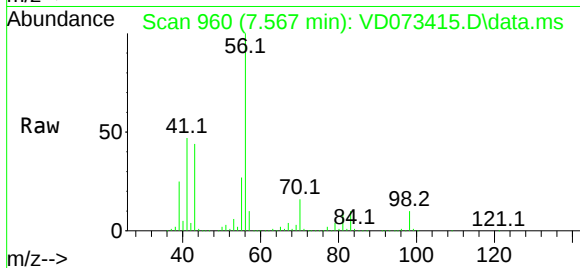
Tgt Ion: 77 Resp: 436325
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



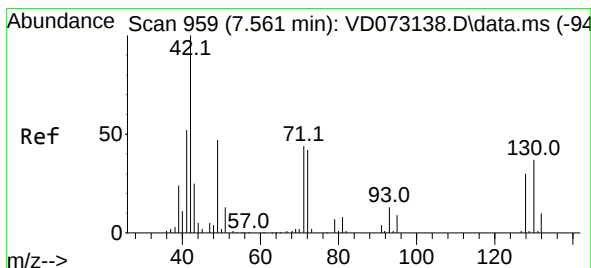
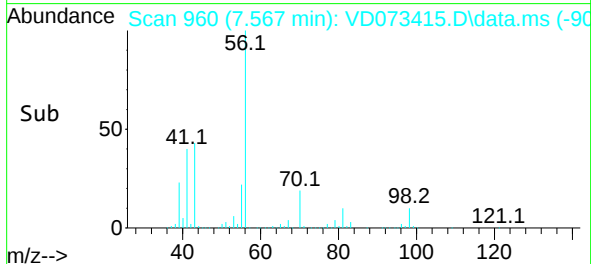
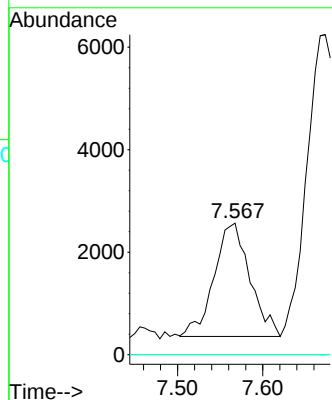


#28
Bromochloromethane
Concen: 3.116 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.023 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

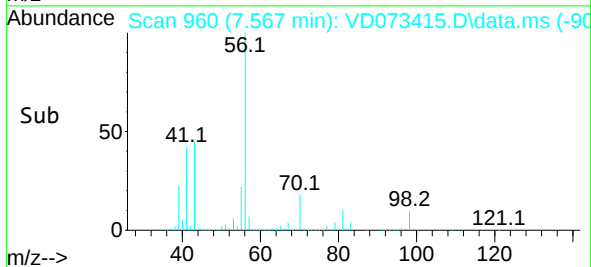
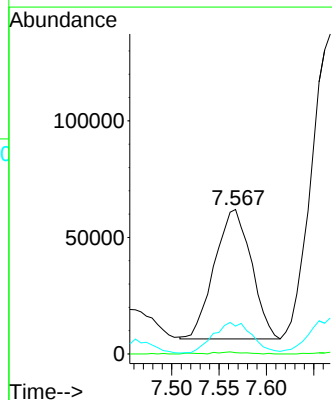
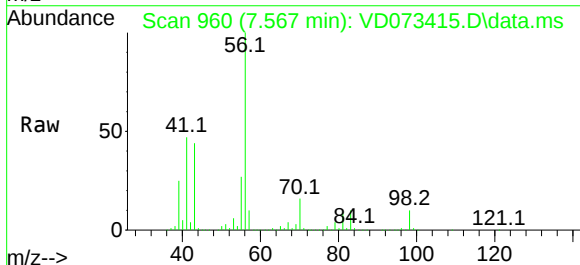


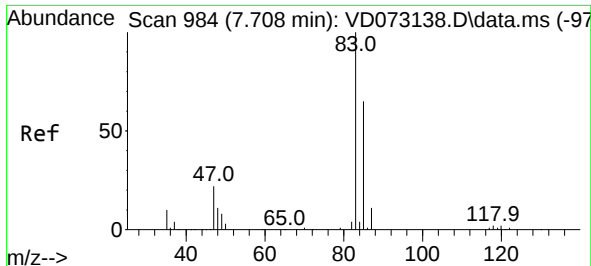
Tgt Ion: 49 Resp: 6468
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.6 79.0#



#29
Tetrahydrofuran
Concen: 301.843 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 42 Resp: 150887
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

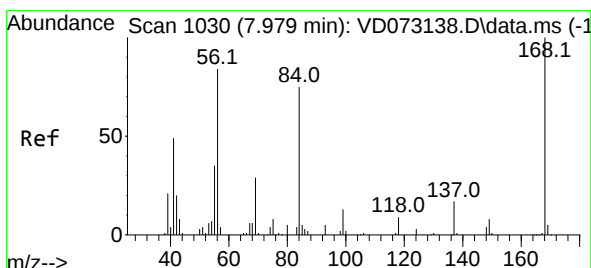
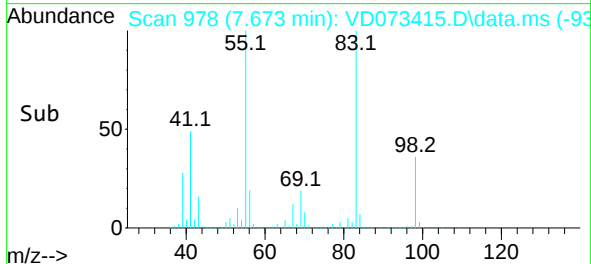
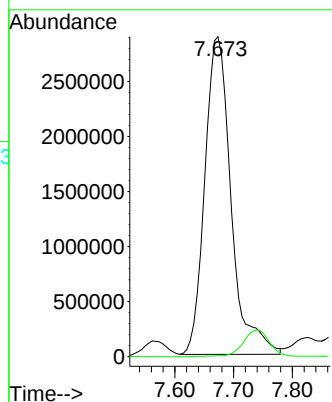
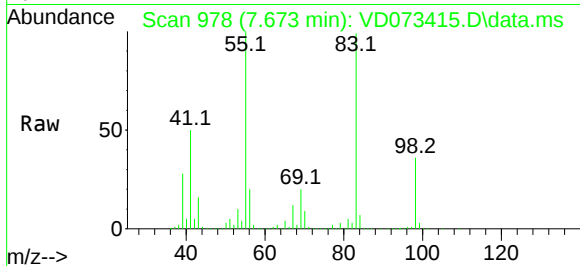




#30
Chloroform
Concen: 1426.240 ug/l
RT: 7.673 min Scan# 91
Delta R.T. -0.035 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

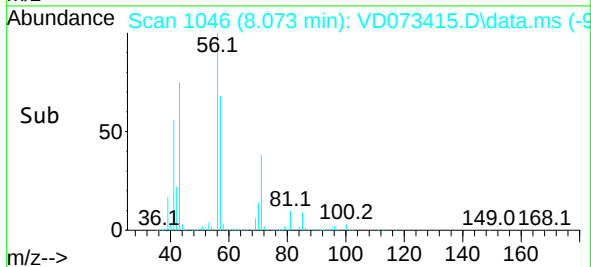
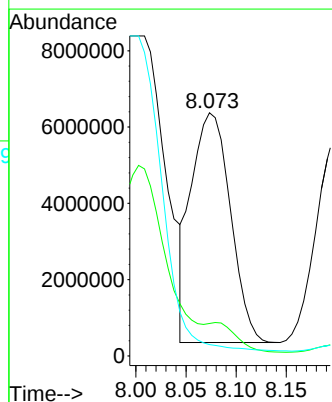
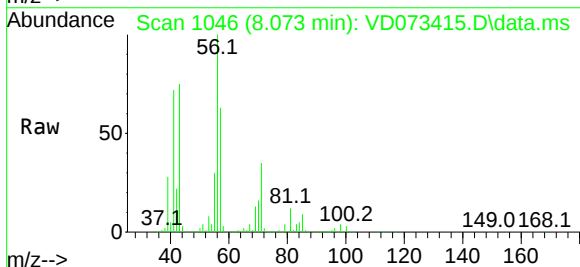
Instrument :
MSVOA_D
ClientSampleId :

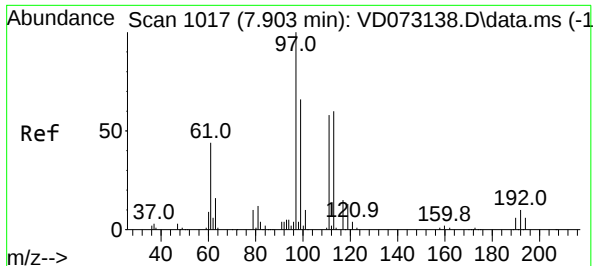
Tgt Ion: 83 Resp: 8971719
Ion Ratio Lower Upper
83 100
85 0.3 52.7 79.1#



#31
Cyclohexane
Concen: 3066.256 ug/l
RT: 8.073 min Scan# 1046
Delta R.T. 0.094 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 56 Resp:16346519
Ion Ratio Lower Upper
56 100
69 12.5 25.4 38.2#
84 2.7 63.0 94.4#





#32

1,1,1-Trichloroethane

Concen: 1.633 ug/l

RT: 7.879 min Scan# 1013

Delta R.T. -0.024 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

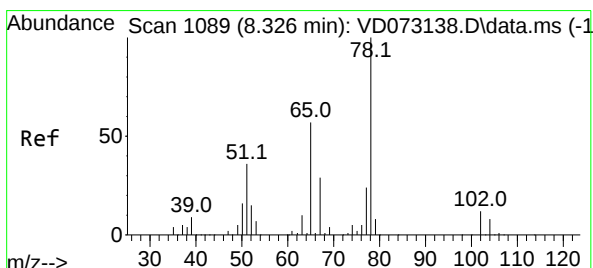
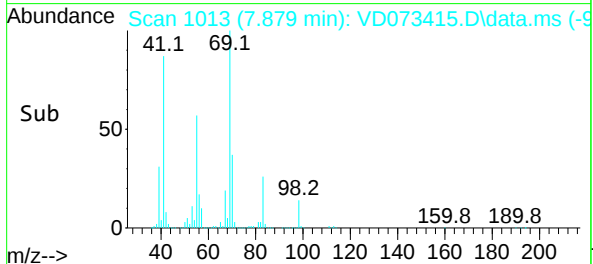
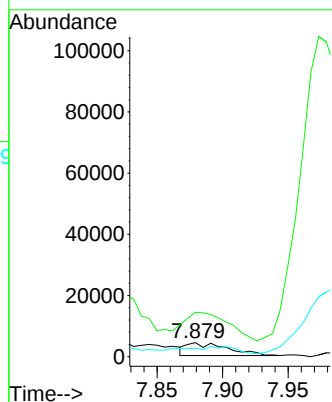
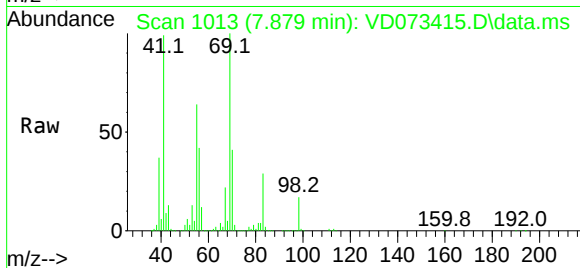
Tgt Ion: 97 Resp: 8987

Ion Ratio Lower Upper

97 100

99 353.0 52.4 78.6#

61 35.4 38.0 57.0#



#33

1,2-Dichloroethane-d4

Concen: 70.812 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD073415.D

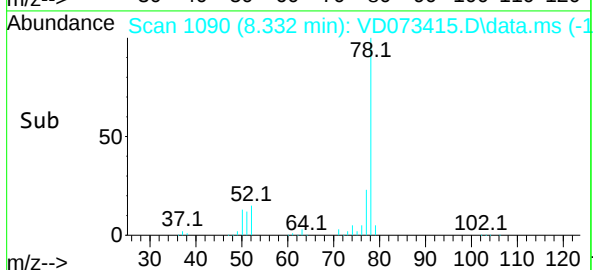
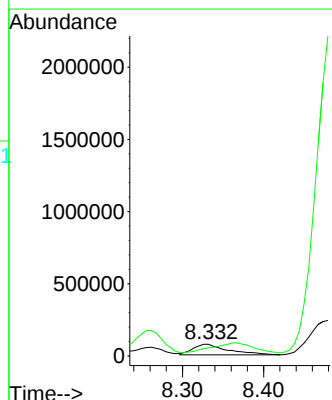
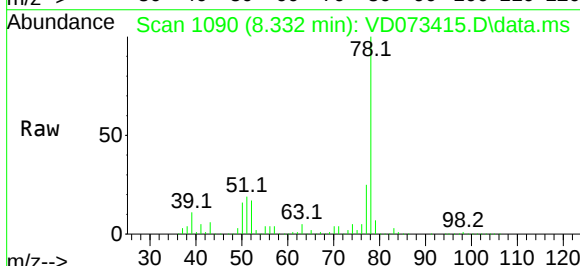
Acq: 27 May 2022 17:08

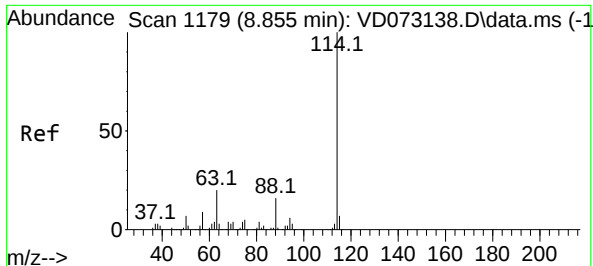
Tgt Ion: 65 Resp: 216025

Ion Ratio Lower Upper

65 100

67 0.0 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: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

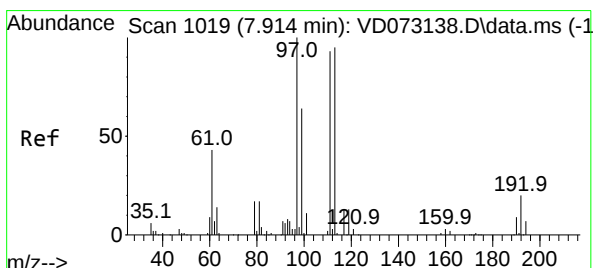
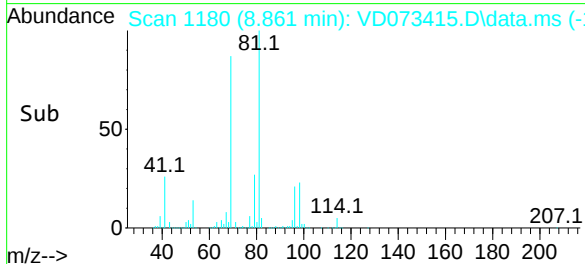
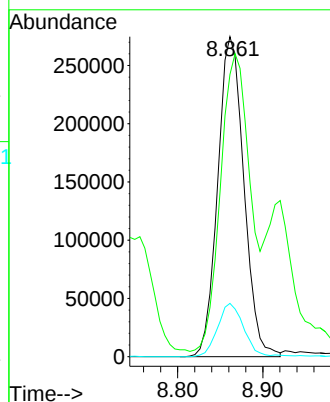
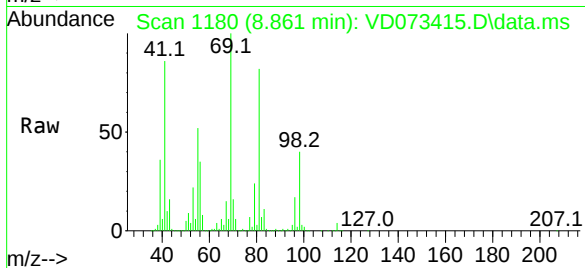
Tgt Ion:114 Resp: 586043

Ion Ratio Lower Upper

114 100

63 86.0 0.0 46.6#

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 30.695 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

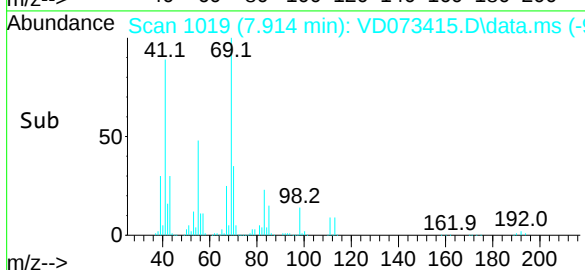
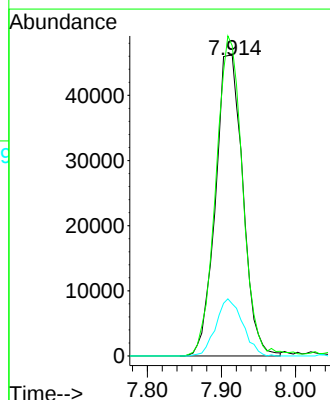
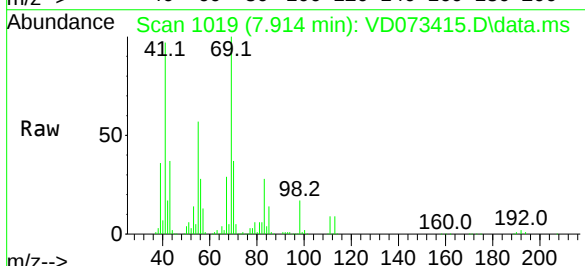
Tgt Ion:113 Resp: 118702

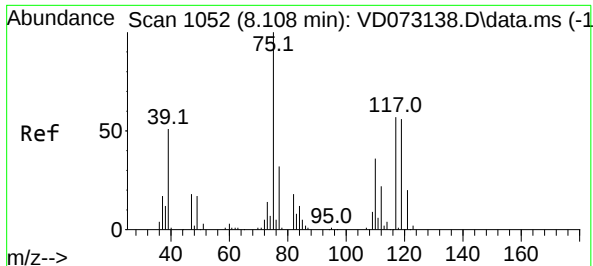
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 13.035 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

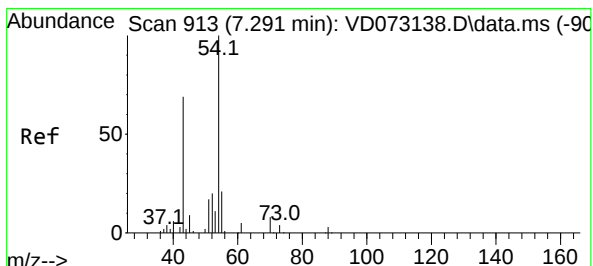
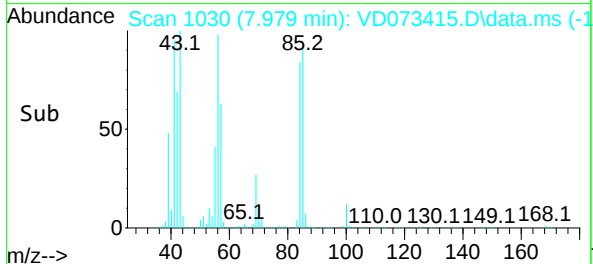
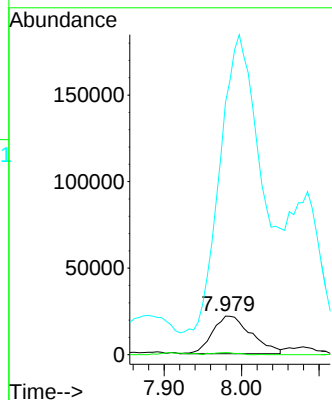
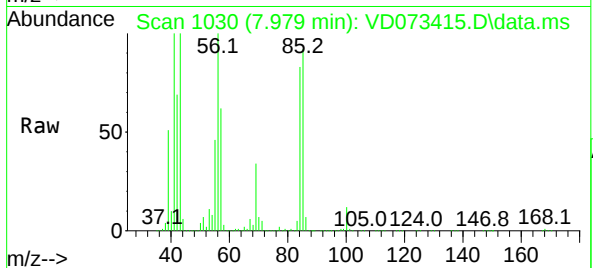
Tgt Ion: 75 Resp: 75815

Ion Ratio Lower Upper

75 100

110 3.4 16.4 49.1#

77 829.1 24.2 36.2#



#37

Ethyl Acetate

Concen: 436.430 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.082 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

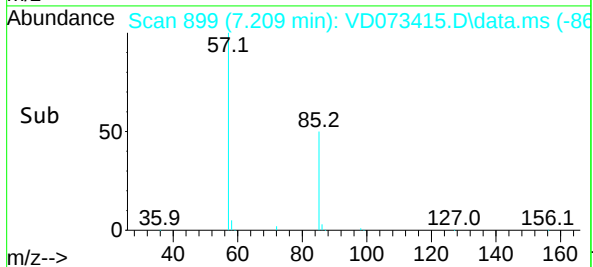
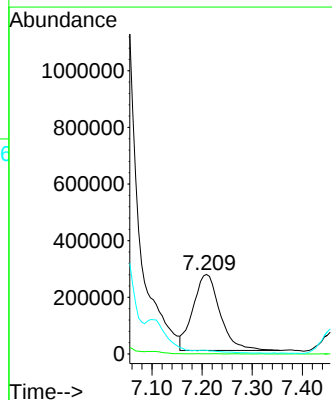
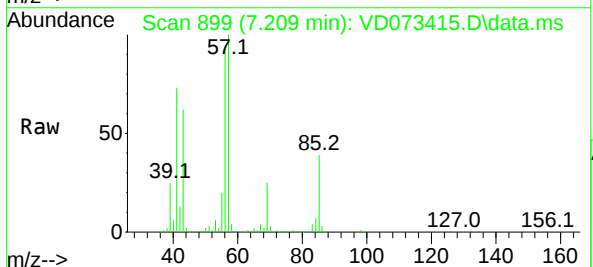
Tgt Ion: 43 Resp: 1002612

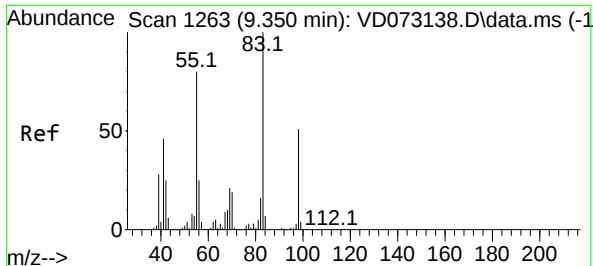
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#





#39

Methylcyclohexane

Concen: 313.892 ug/l

RT: 9.538 min Scan# 1

Delta R.T. 0.188 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

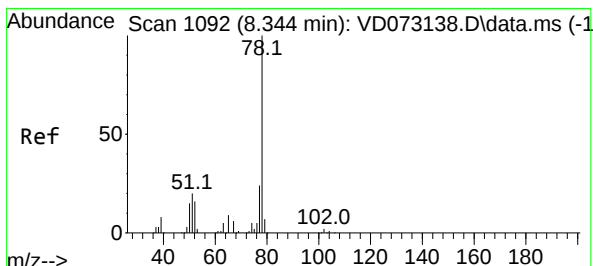
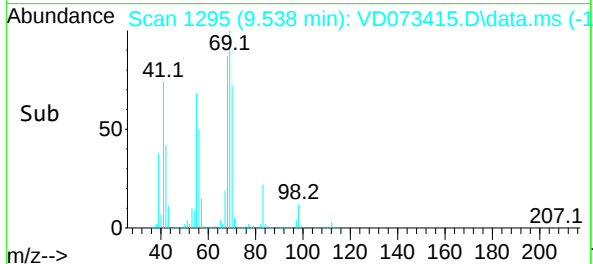
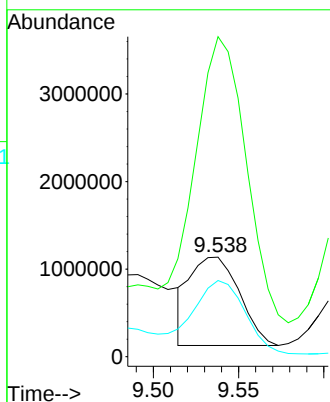
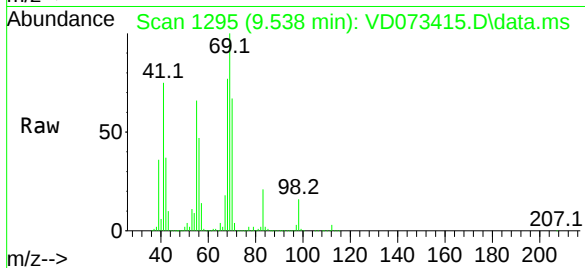
Tgt Ion: 83 Resp: 2034562

Ion Ratio Lower Upper

83 100

55 315.2 63.2 94.8#

98 80.1 38.2 57.4#



#40

Benzene

Concen: 1180.845 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073415.D

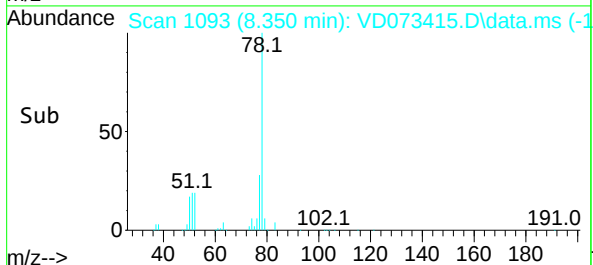
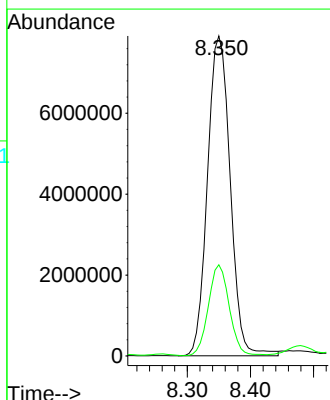
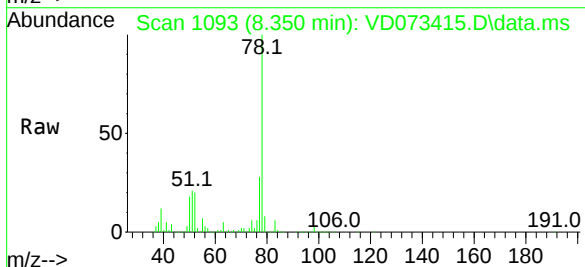
Acq: 27 May 2022 17:08

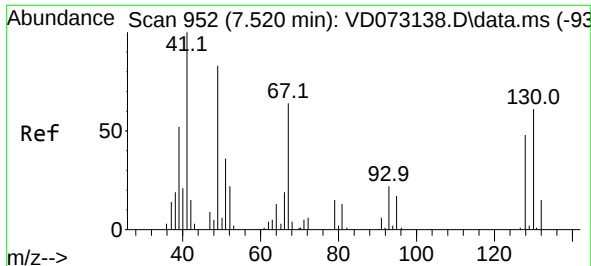
Tgt Ion: 78 Resp:19793204

Ion Ratio Lower Upper

78 100

77 28.3 19.1 28.7

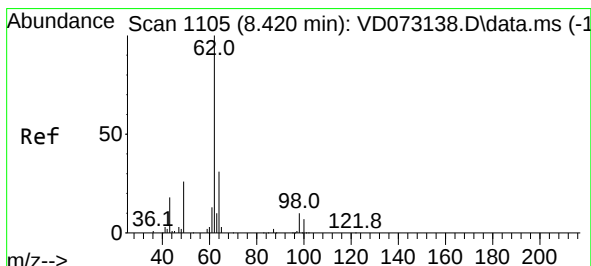
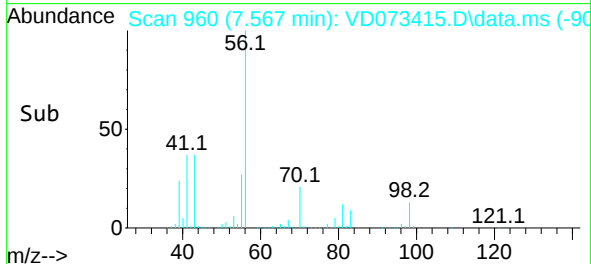
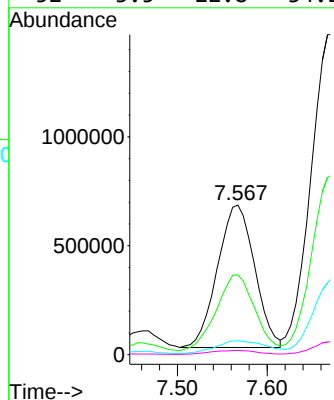
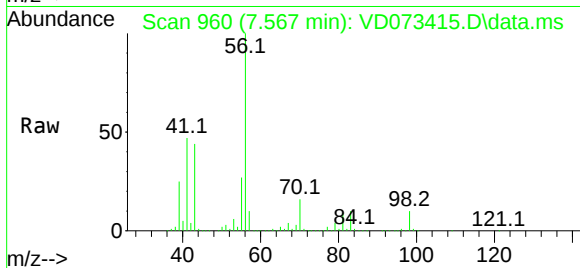




#41
Methacrylonitrile
Concen: 1402.226 ug/l
RT: 7.567 min Scan# 91
Delta R.T. 0.047 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

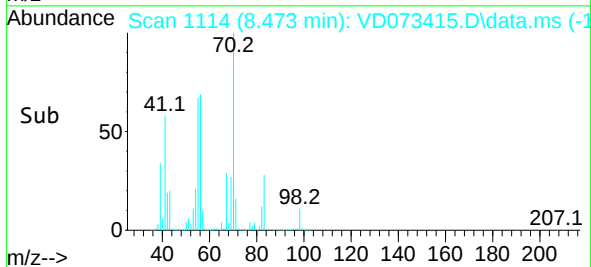
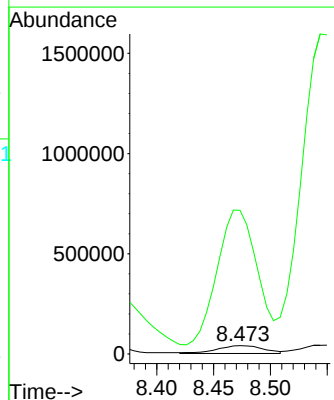
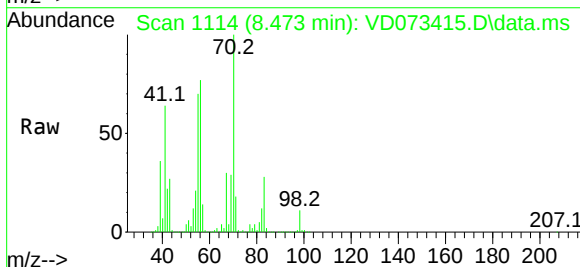
Instrument :
MSVOA_D
ClientSampleId :

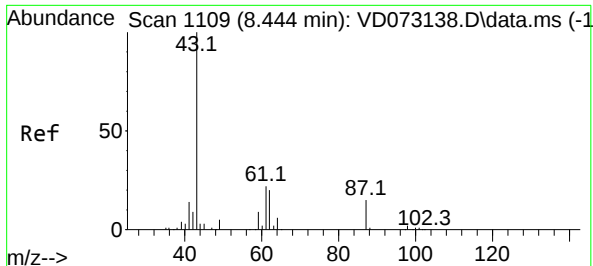
Tgt Ion: 41 Resp: 1876850
Ion Ratio Lower Upper
41 100
39 54.5 44.6 67.0
67 0.0 48.2 72.4#
52 3.5 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 23.764 ug/l
RT: 8.473 min Scan# 1114
Delta R.T. 0.053 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 62 Resp: 110836
Ion Ratio Lower Upper
62 100
98 1471.1 0.0 17.6#

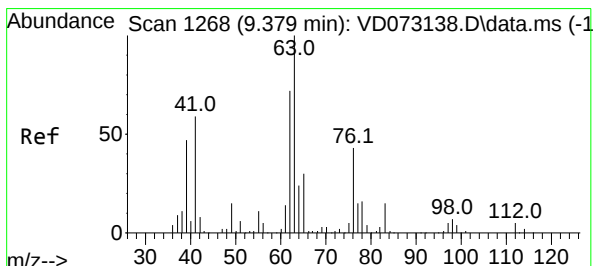
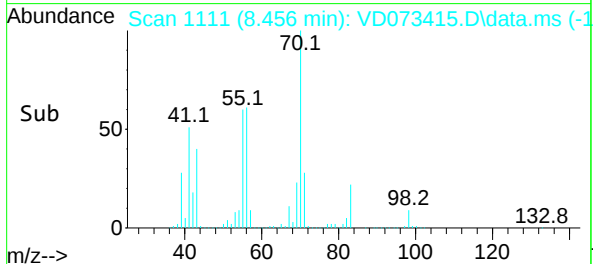
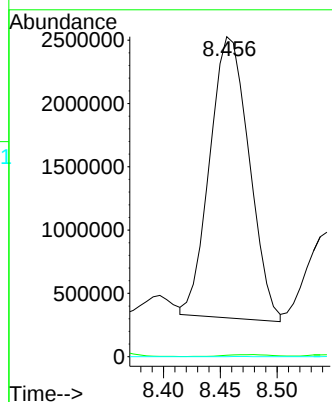
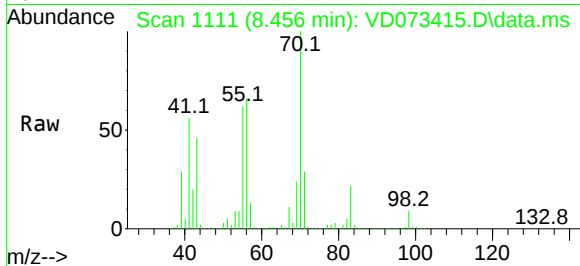




#43
Isopropyl Acetate
Concen: 1261.399 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

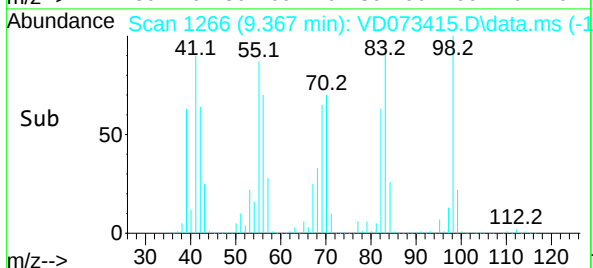
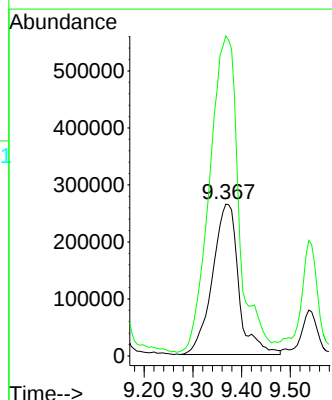
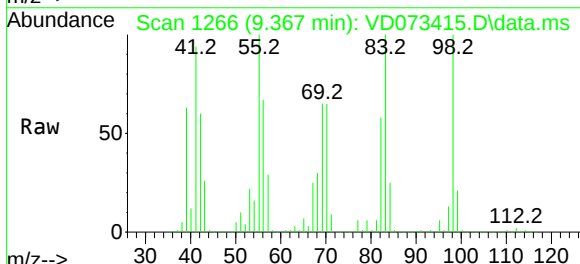
Instrument :
MSVOA_D
ClientSampleId :

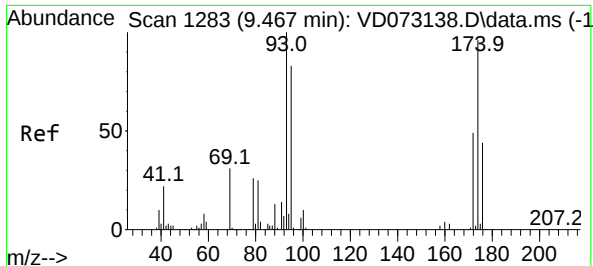
Tgt Ion: 43 Resp: 5356238
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 234.638 ug/l
RT: 9.367 min Scan# 1266
Delta R.T. -0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

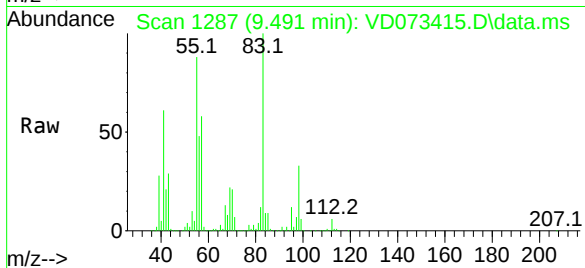
Tgt Ion: 63 Resp: 990478
Ion Ratio Lower Upper
63 100
65 209.6 26.2 39.4#



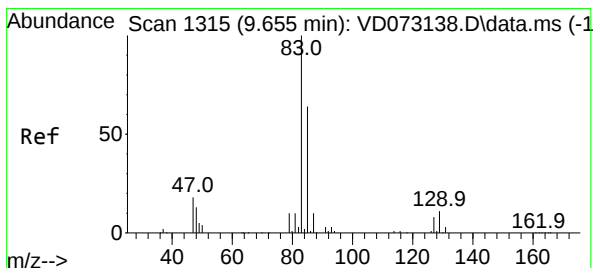
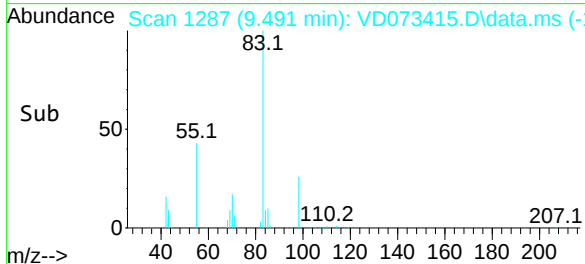
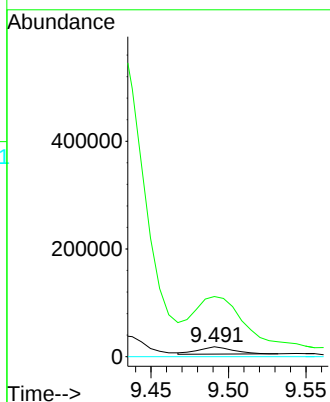


#46
Dibromomethane
Concen: 9.093 ug/l
RT: 9.491 min Scan# 11
Delta R.T. 0.024 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :

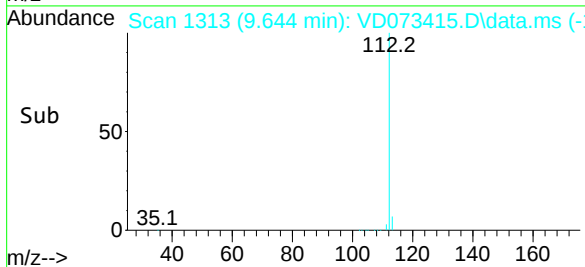
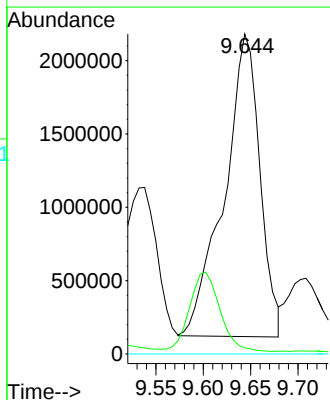
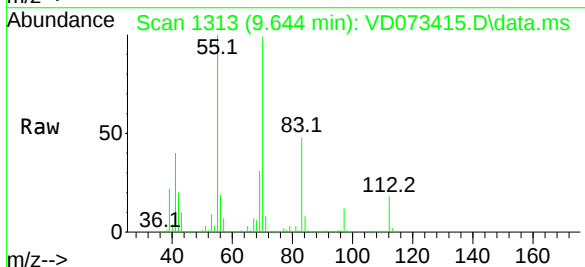


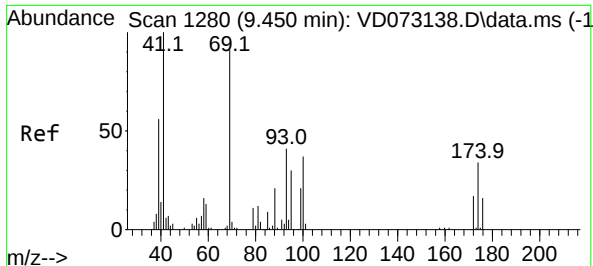
Tgt Ion: 93 Resp: 21082
Ion Ratio Lower Upper
93 100
95 1043.9 66.7 100.1#
174 0.0 71.6 107.4#



#47
Bromodichloromethane
Concen: 911.036 ug/l
RT: 9.644 min Scan# 1313
Delta R.T. -0.011 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 83 Resp: 5404373
Ion Ratio Lower Upper
83 100
85 1.1 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 3694.173 ug/l

RT: 9.538 min Scan# 1295

Delta R.T. 0.088 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

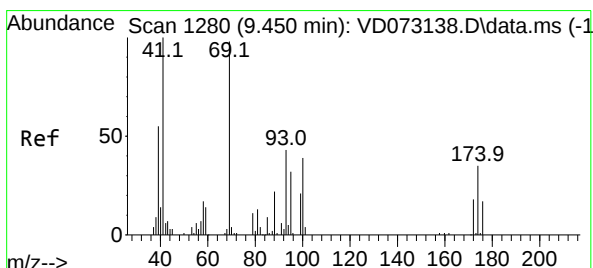
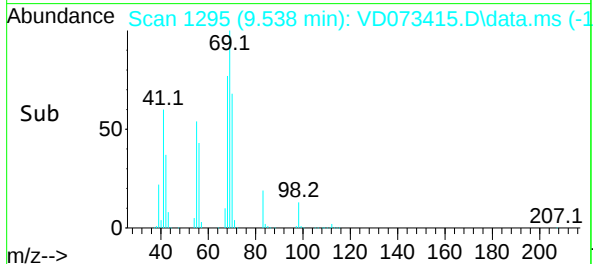
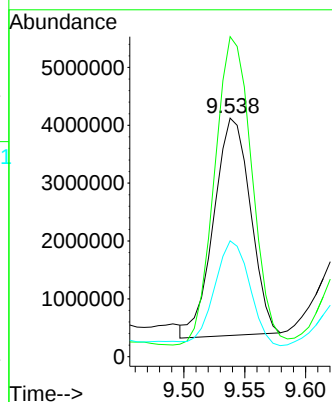
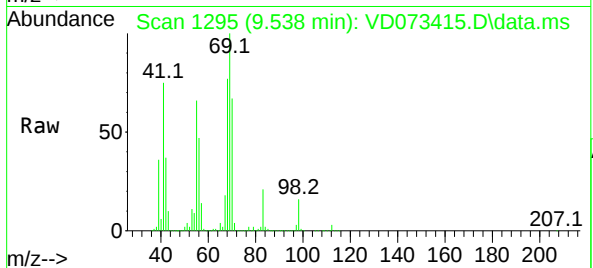
Tgt Ion: 41 Resp: 7892039

Ion Ratio Lower Upper

41 100

69 144.0 56.7 85.1#

39 46.3 42.7 64.1



#49

1,4-Dioxane

Concen: 10.734 ug/l

RT: 9.538 min Scan# 1295

Delta R.T. 0.088 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

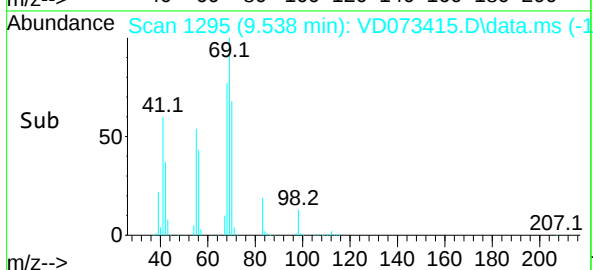
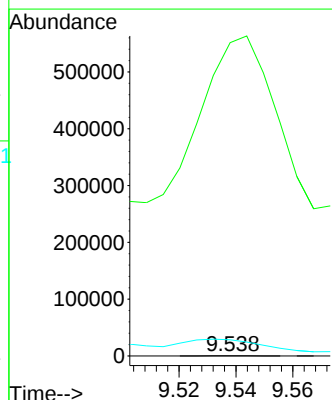
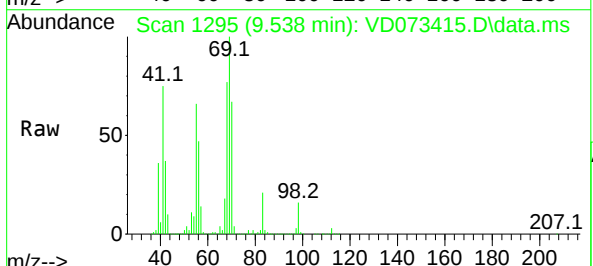
Tgt Ion: 88 Resp: 257

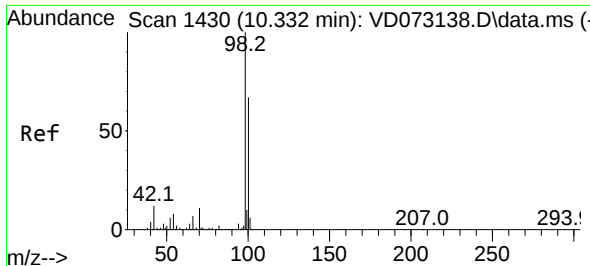
Ion Ratio Lower Upper

88 100

43 230983.3 31.0 46.4#

58 21809.7 58.1 87.1#

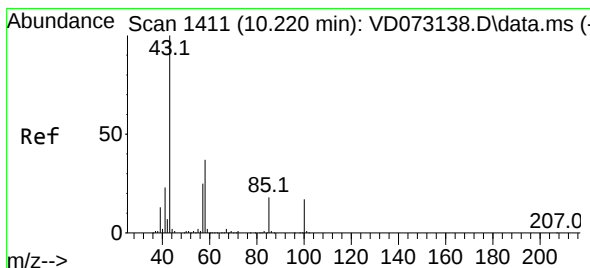
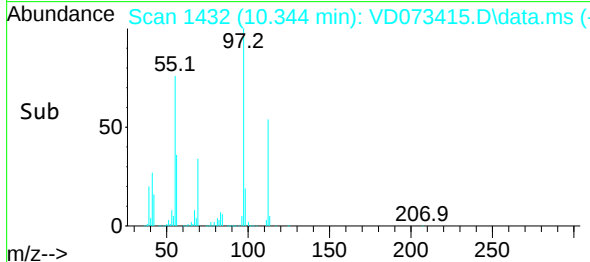
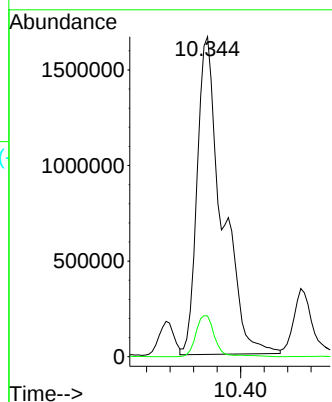
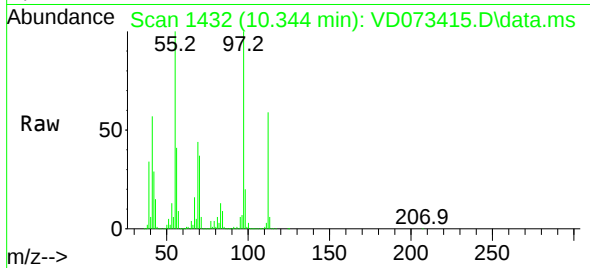




#50
Toluene-d8
Concen: 343.907 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

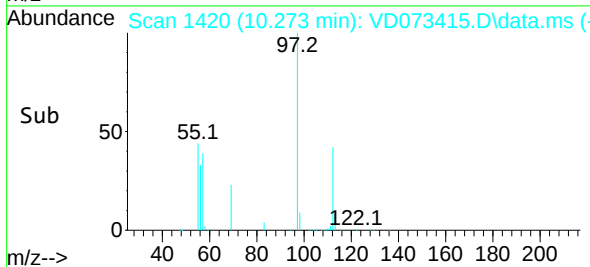
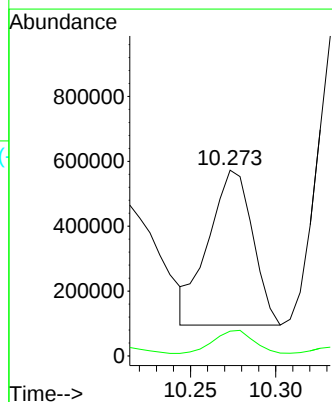
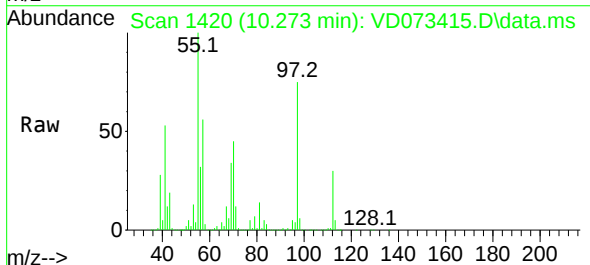
Instrument :
MSVOA_D
ClientSampleId :

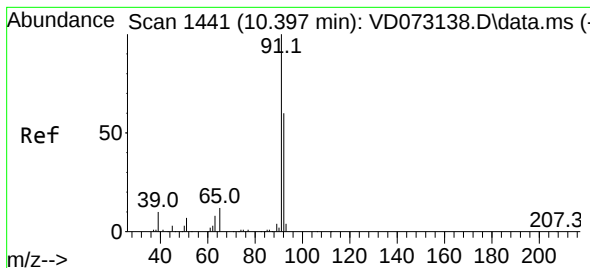
Tgt Ion: 98 Resp: 4902431
Ion Ratio Lower Upper
98 100
100 9.8 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 390.850 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.053 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 43 Resp: 861992
Ion Ratio Lower Upper
43 100
58 13.3 28.6 43.0#





#52

Toluene

Concen: 1413.675 ug/l

RT: 10.403 min Scan# 1442

Delta R.T. 0.006 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

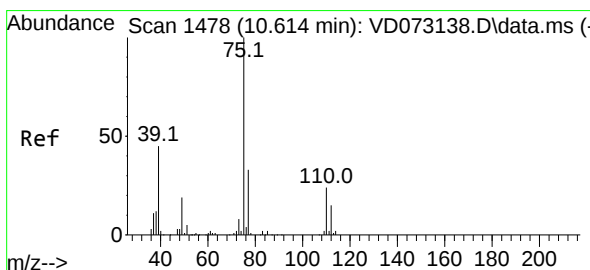
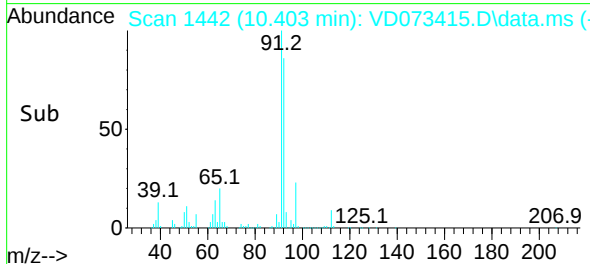
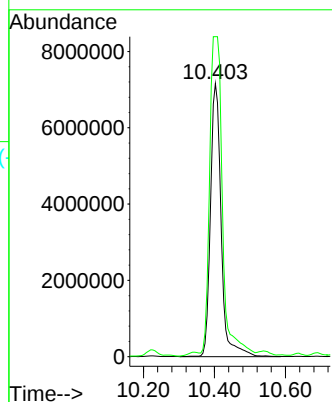
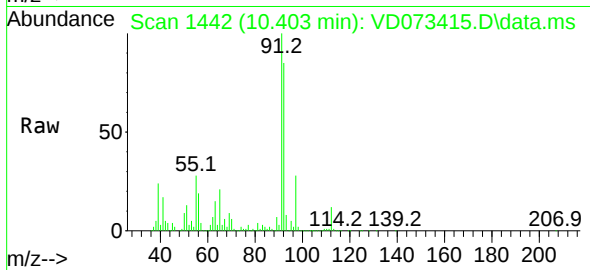
ClientSampleId :

Tgt Ion: 92 Resp:14973903

Ion Ratio Lower Upper

92 100

91 136.5 139.6 209.4#



#53

t-1,3-Dichloropropene

Concen: 1.095 ug/l

RT: 10.638 min Scan# 1482

Delta R.T. 0.024 min

Lab File: VD073415.D

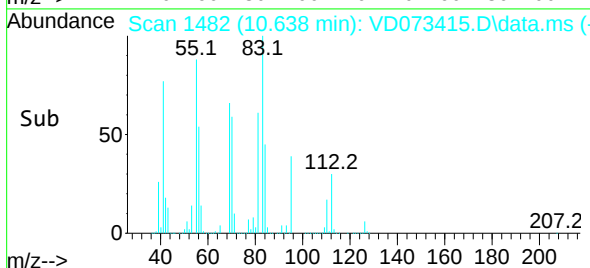
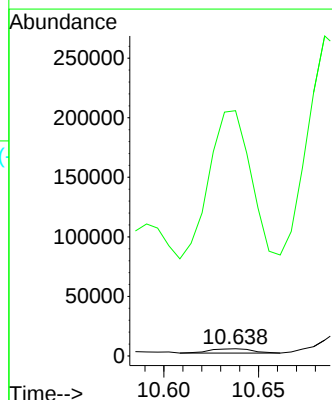
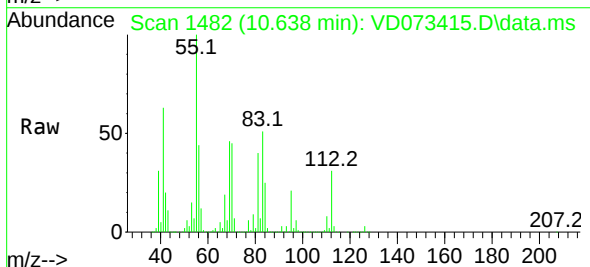
Acq: 27 May 2022 17:08

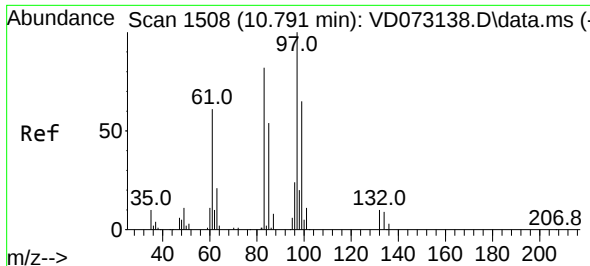
Tgt Ion: 75 Resp: 5869

Ion Ratio Lower Upper

75 100

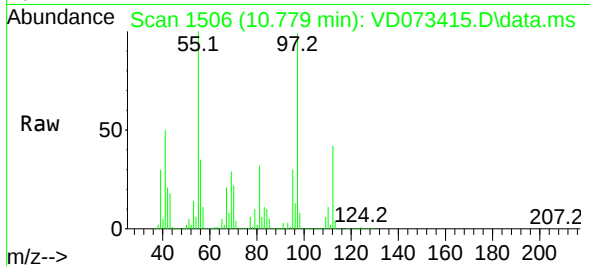
77 3362.0 24.5 36.7#





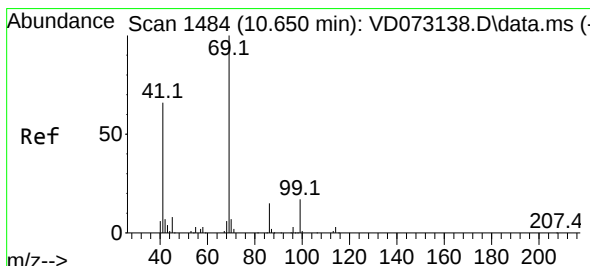
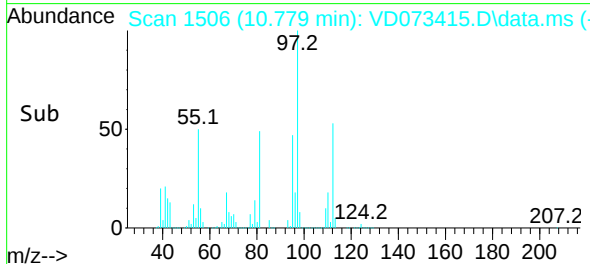
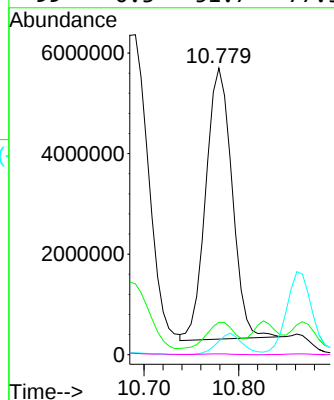
#55
 1,1,2-Trichloroethane
 Concen: 3311.602 ug/l
 RT: 10.779 min Scan# 1506
 Delta R.T. -0.012 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 97 Resp:10382228

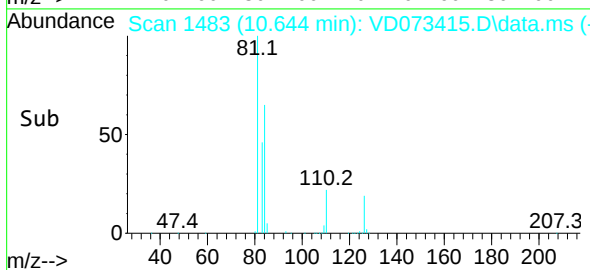
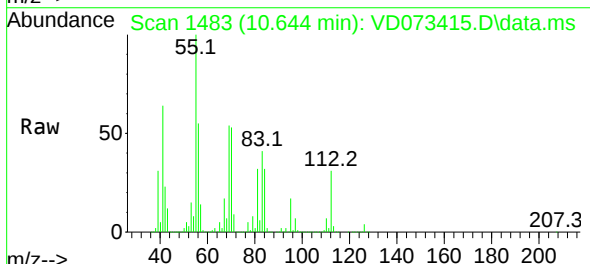
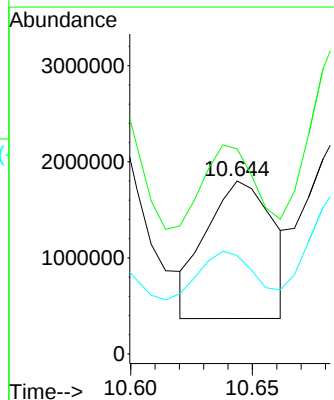
Ion	Ratio	Lower	Upper
97	100		
83	9.8	69.0	103.4#
85	5.0	42.6	63.8#
99	0.3	51.7	77.5#

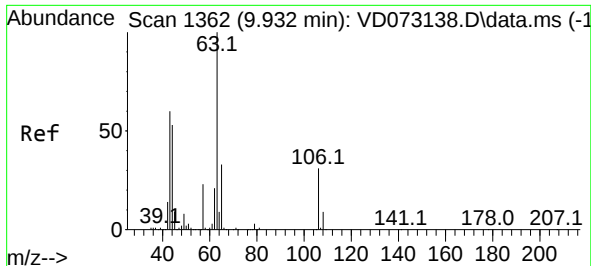


#56
 Ethyl methacrylate
 Concen: 778.710 ug/l
 RT: 10.644 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

Tgt Ion: 69 Resp: 2714381

Ion	Ratio	Lower	Upper
69	100		
41	110.4	63.0	94.6#
39	51.5	33.8	50.8#

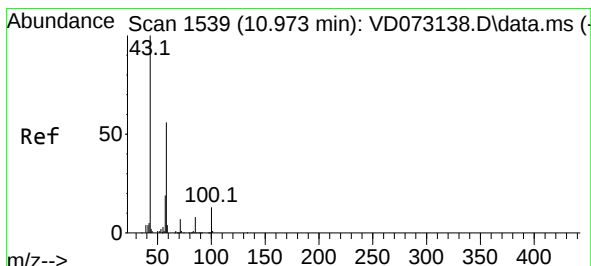
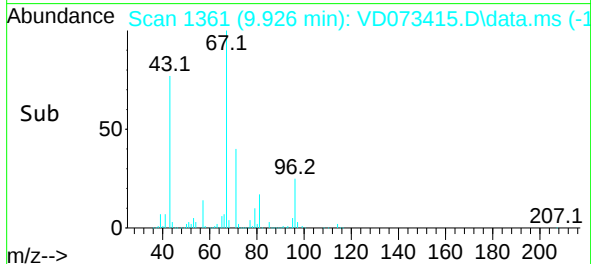
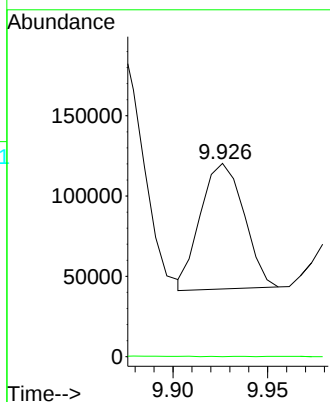
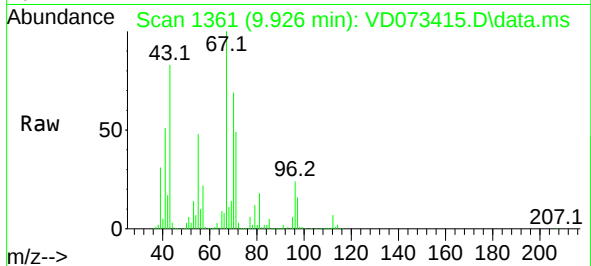




#58
2-Chloroethyl Vinyl ether
Concen: 90.631 ug/l
RT: 9.926 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

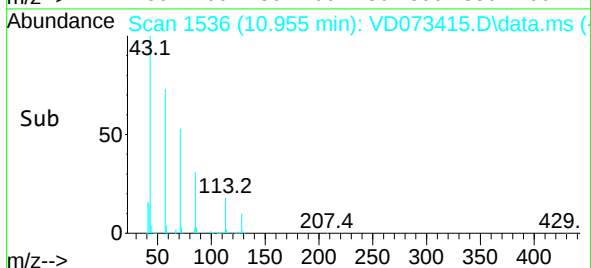
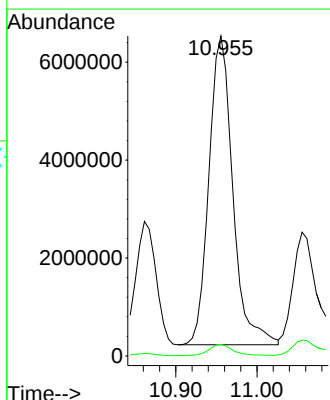
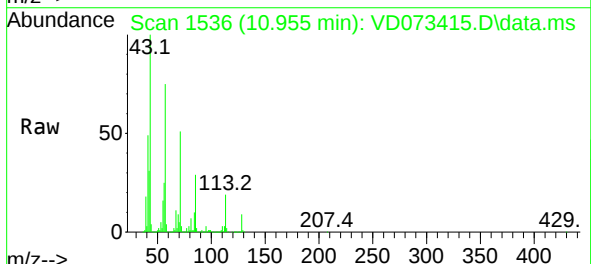
Instrument :
MSVOA_D
ClientSampleId :

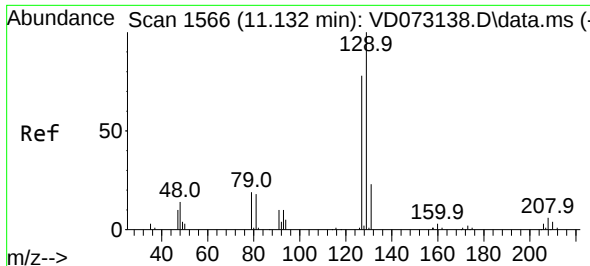
Tgt Ion: 63 Resp: 125107
Ion Ratio Lower Upper
63 100
106 0.1 21.4 32.0#



#59
2-Hexanone
Concen: 8873.257 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.018 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 43 Resp:12901769
Ion Ratio Lower Upper
43 100
58 3.7 25.3 75.9#

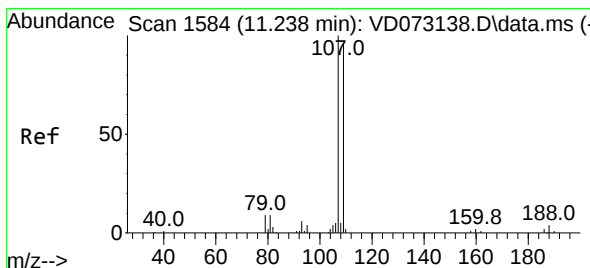
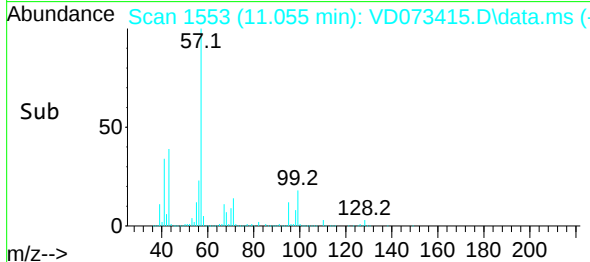
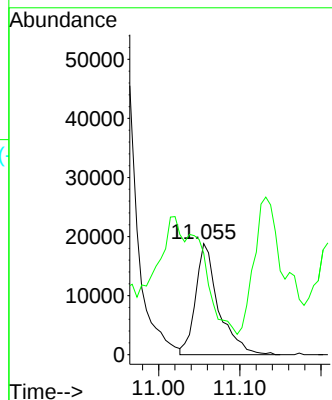
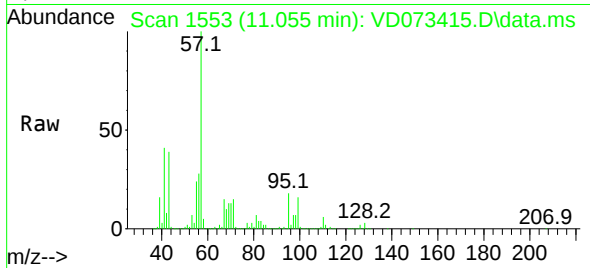




#60
Dibromochloromethane
Concen: 9.453 ug/l
RT: 11.055 min Scan# 11
Delta R.T. -0.077 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

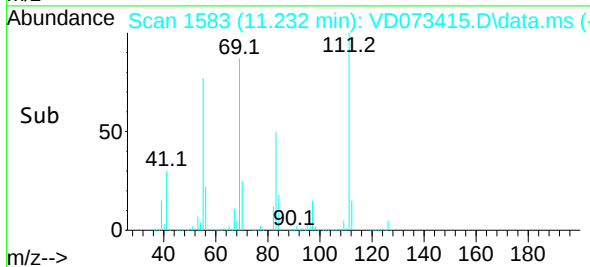
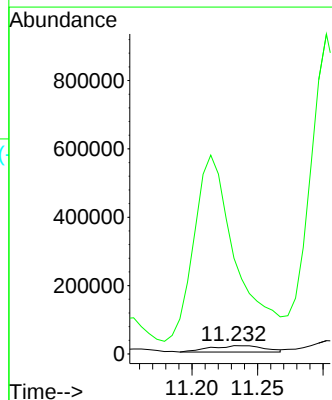
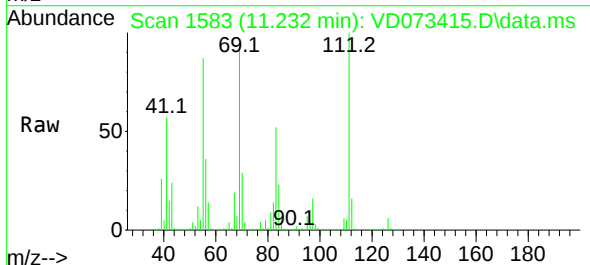
Instrument :
MSVOA_D
ClientSampleId :

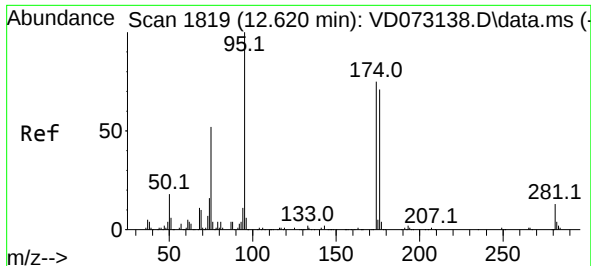
Tgt Ion:129 Resp: 36954
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#61
1,2-Dibromoethane
Concen: 17.718 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion:107 Resp: 53080
Ion Ratio Lower Upper
107 100
109 2271.3 74.2 111.4#

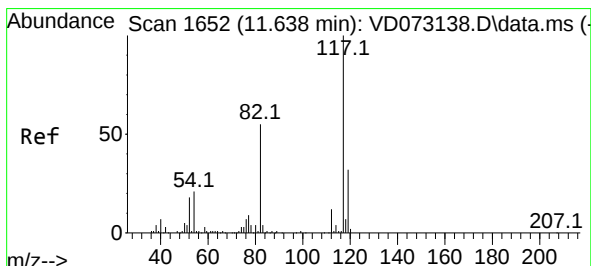
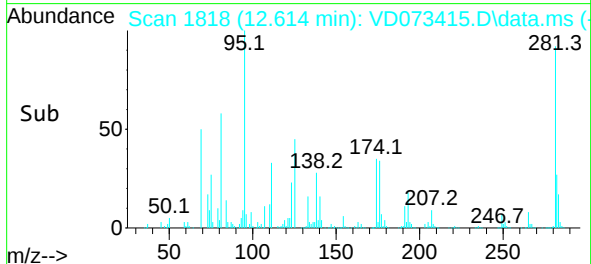
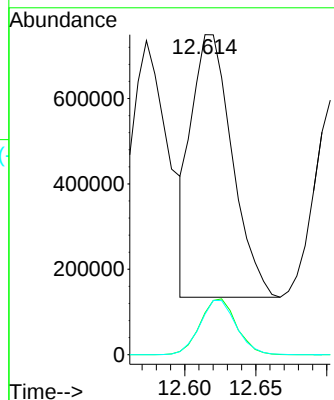
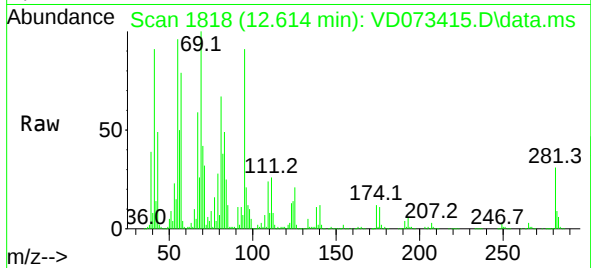




#62
4-Bromofluorobenzene
Concen: 245.019 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

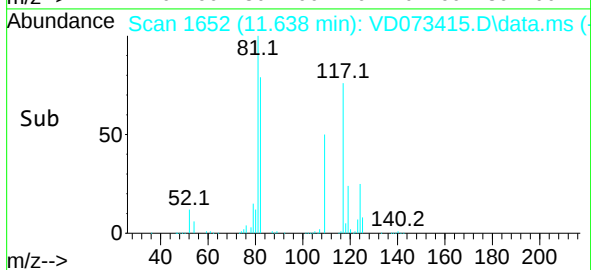
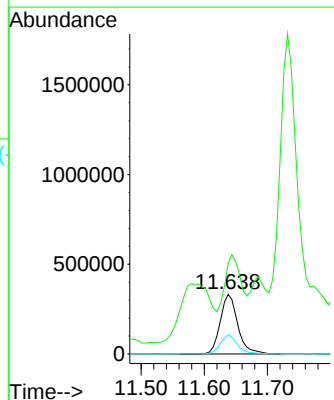
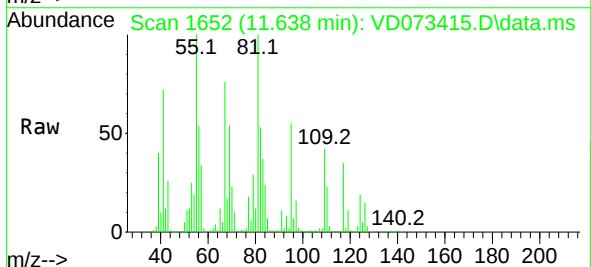
Instrument :
MSVOA_D
ClientSampleId :

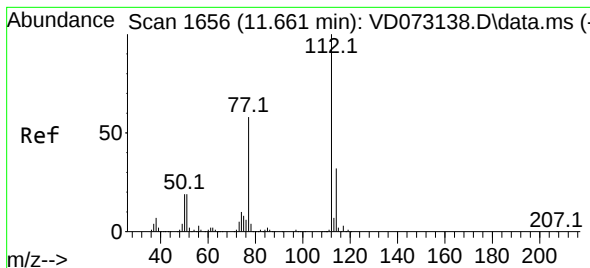
Tgt Ion: 95 Resp: 1225756
Ion Ratio Lower Upper
95 100
174 18.9 0.0 152.8
176 18.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 117 Resp: 636362
Ion Ratio Lower Upper
117 100
82 78.1 45.3 67.9#
119 32.1 26.6 40.0

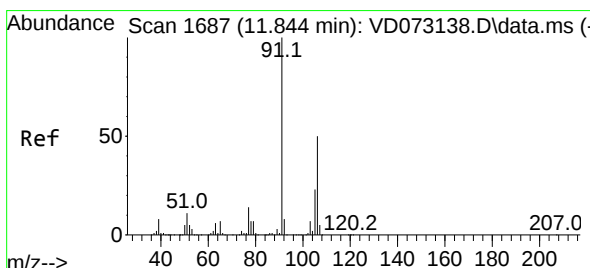
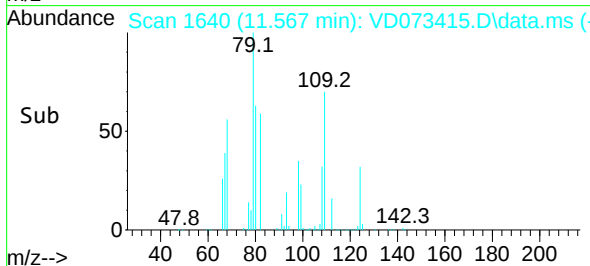
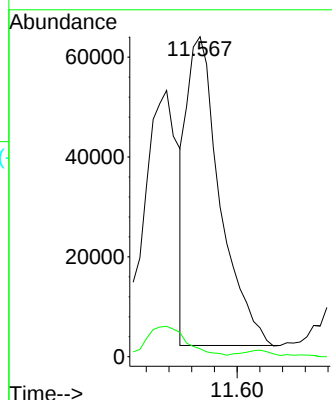
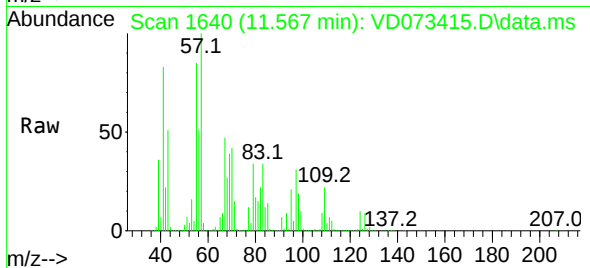




#65
Chlorobenzene
Concen: 9.699 ug/l
RT: 11.567 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

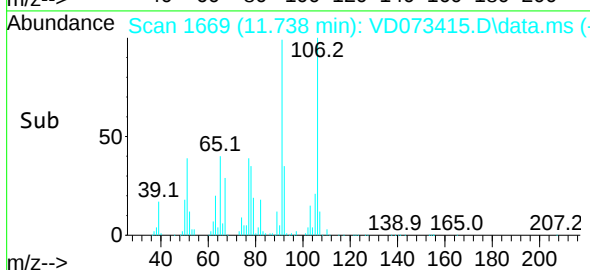
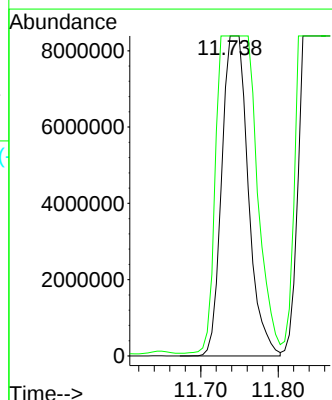
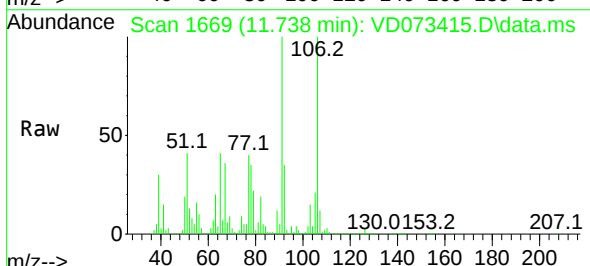
Instrument :
MSVOA_D
ClientSampleId :

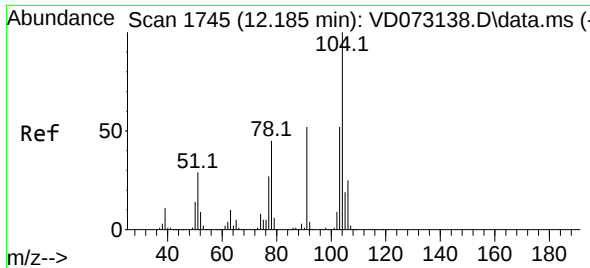
Tgt Ion:112 Resp: 126613
Ion Ratio Lower Upper
112 100
114 2.2 25.8 38.6#



#68
m/p-Xylenes
Concen: 2231.812 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.106 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

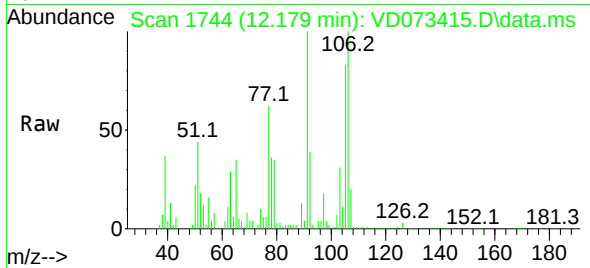
Tgt Ion:106 Resp:19871336
Ion Ratio Lower Upper
106 100
91 0.0 163.7 245.5#



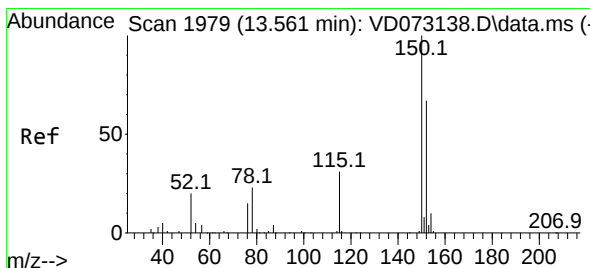
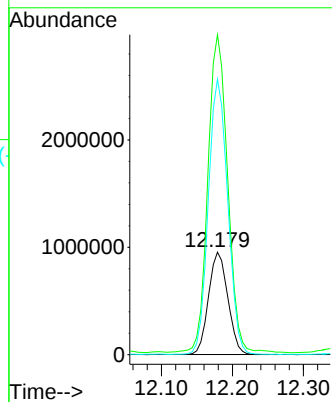
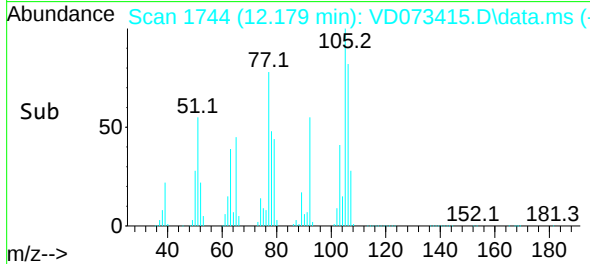


#70
Styrene
Concen: 127.928 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

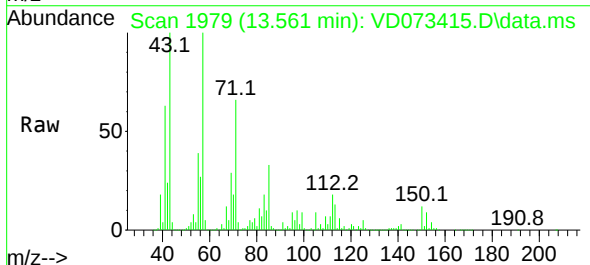
Instrument :
MSVOA_D
ClientSampleId :



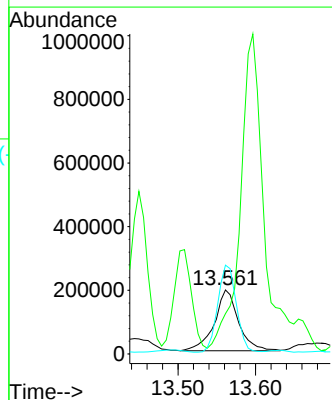
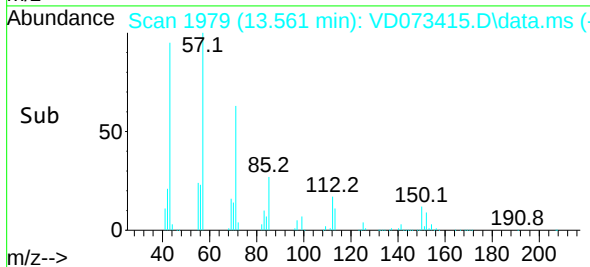
Tgt Ion:104 Resp: 1800260
Ion Ratio Lower Upper
104 100
78 318.4 41.8 62.8#
103 270.0 44.2 66.4#

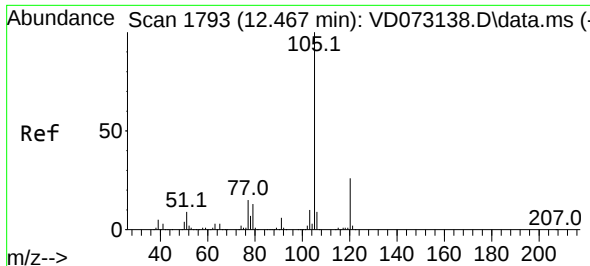


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



Tgt Ion:152 Resp: 413822
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 110.5 0.0 348.6

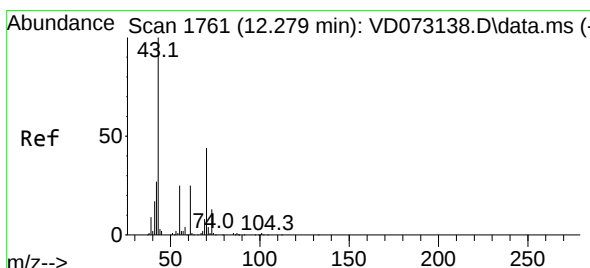
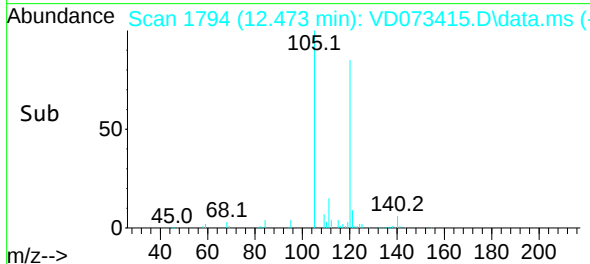
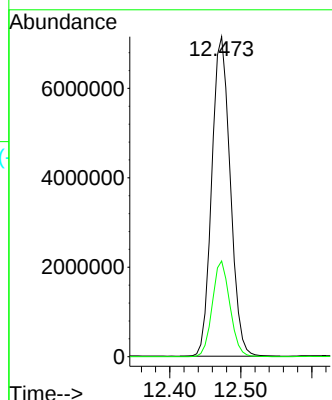
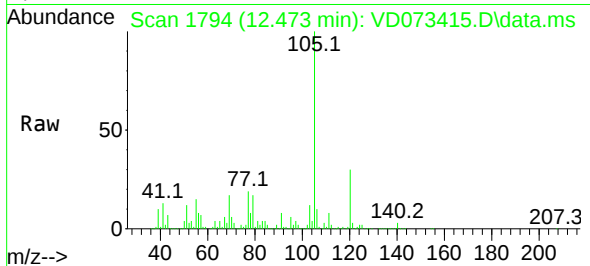




#73
Isopropylbenzene
Concen: 436.371 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

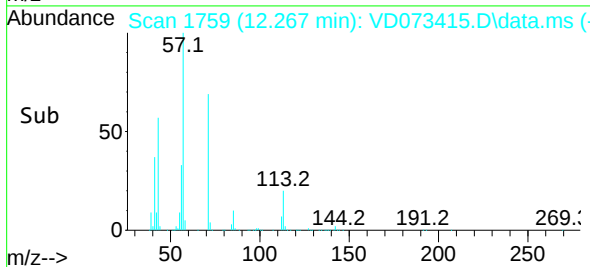
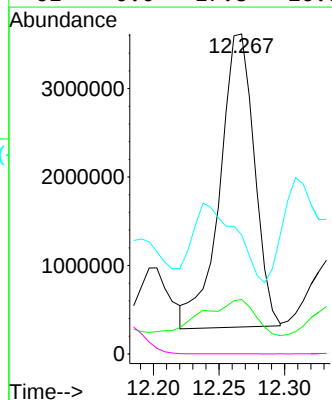
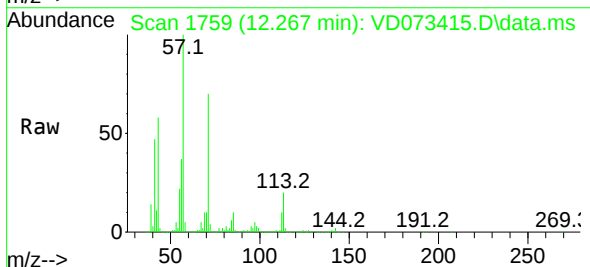
Instrument :
MSVOA_D
ClientSampleId :

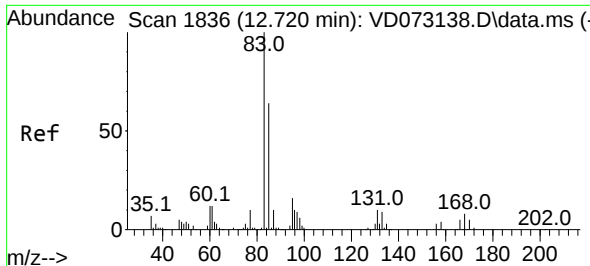
Tgt Ion:105 Resp:12873420
Ion Ratio Lower Upper
105 100
120 28.5 13.0 38.9



#74
N-ethyl acetate
Concen: 945.486 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 43 Resp: 6084890
Ion Ratio Lower Upper
43 100
70 18.7 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

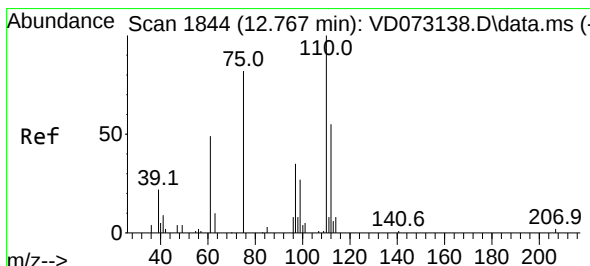
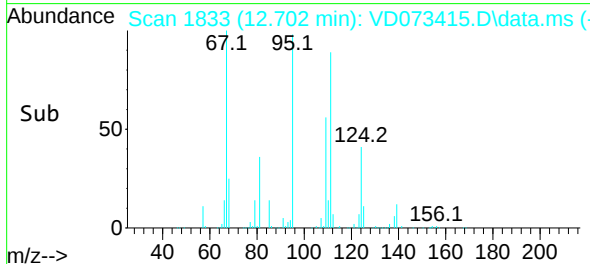
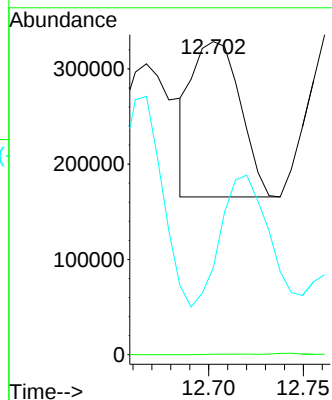
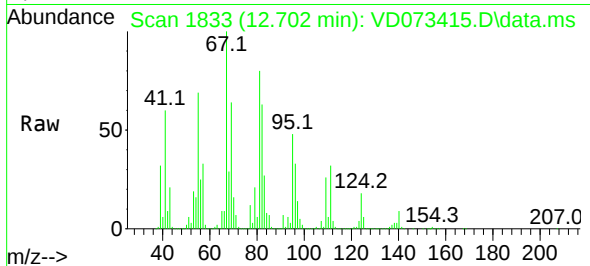




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.107 ug/l
 RT: 12.702 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

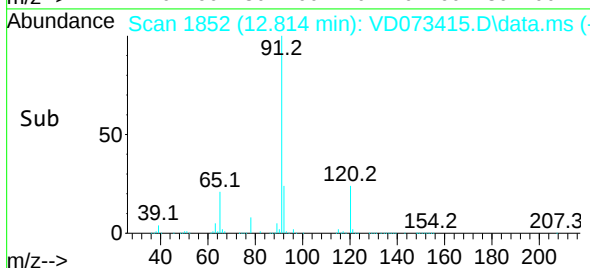
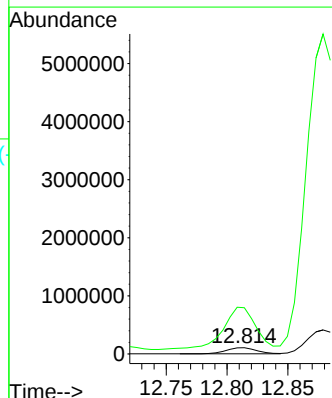
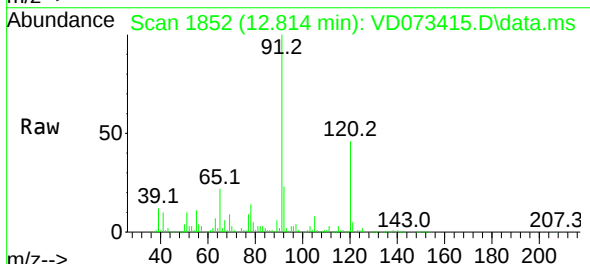
Instrument :
 MSVOA_D
 ClientSampleId :

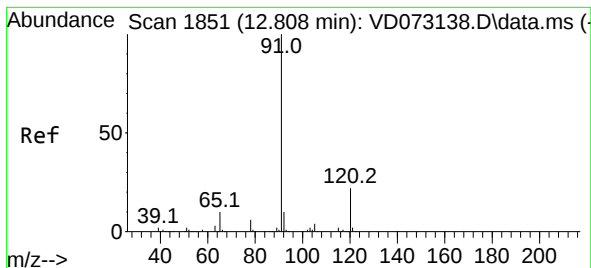
Tgt Ion: 83 Resp: 288951
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 83.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 44.847 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.047 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

Tgt Ion: 75 Resp: 182094
 Ion Ratio Lower Upper
 75 100
 77 749.5 0.0 0.0#





#78

n-propylbenzene

Concen: 541.483 ug/l

RT: 12.802 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

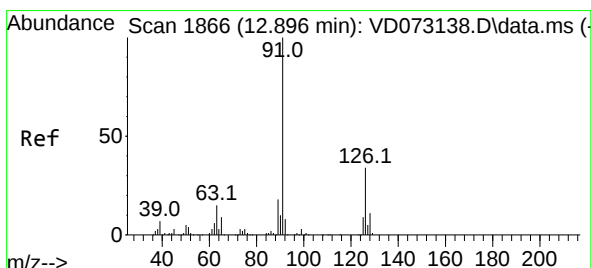
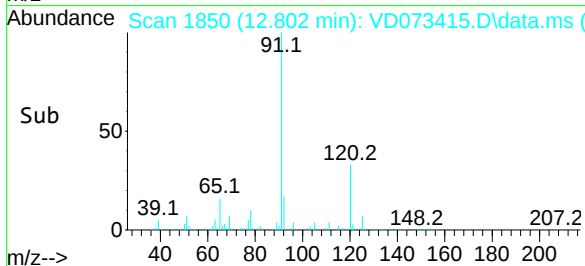
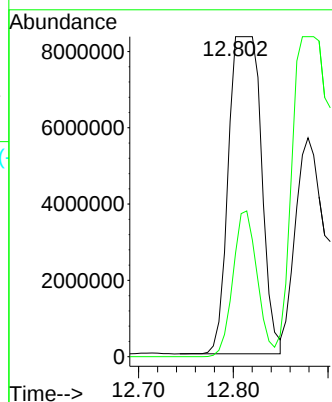
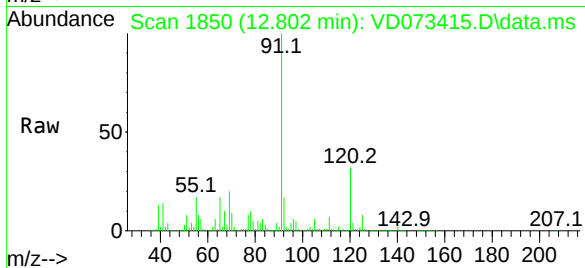
ClientSampleId :

Tgt Ion: 91 Resp:20054526

Ion Ratio Lower Upper

91 100

120 33.9 10.9 32.9#



#79

2-Chlorotoluene

Concen: 723.225 ug/l

RT: 12.879 min Scan# 1863

Delta R.T. -0.017 min

Lab File: VD073415.D

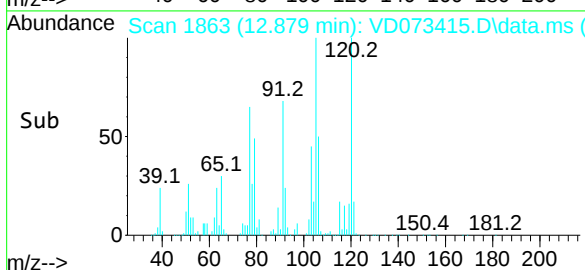
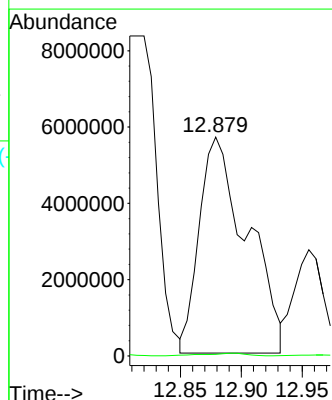
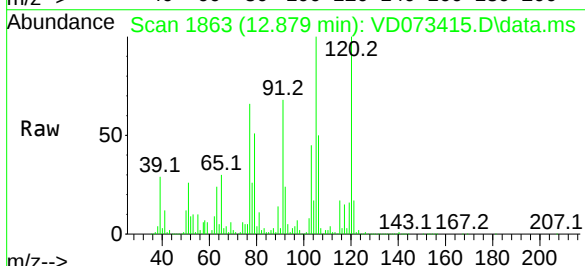
Acq: 27 May 2022 17:08

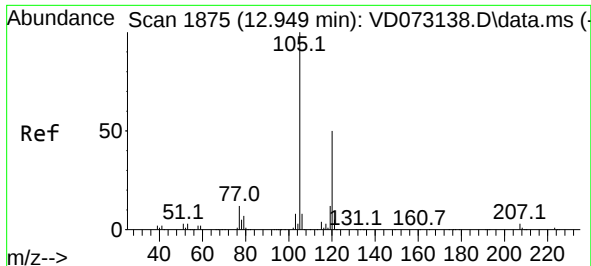
Tgt Ion: 91 Resp:15465638

Ion Ratio Lower Upper

91 100

126 1.0 16.2 48.6#

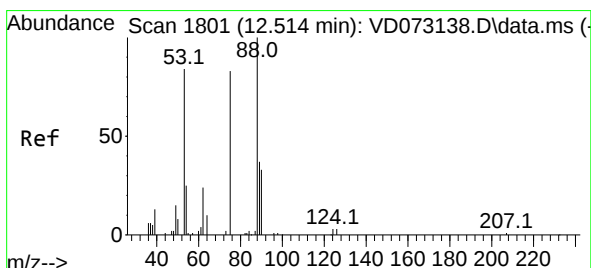
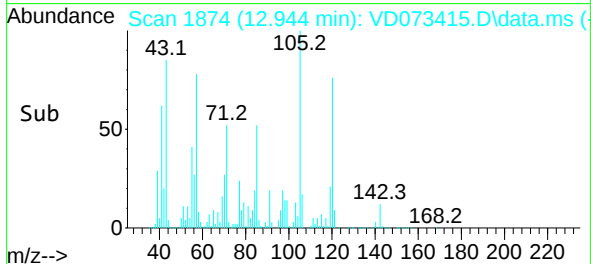
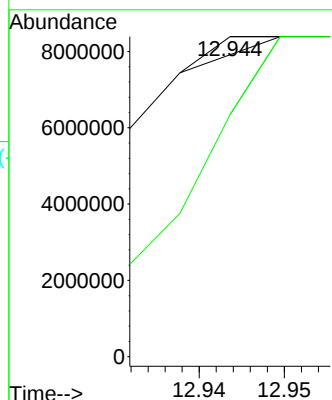
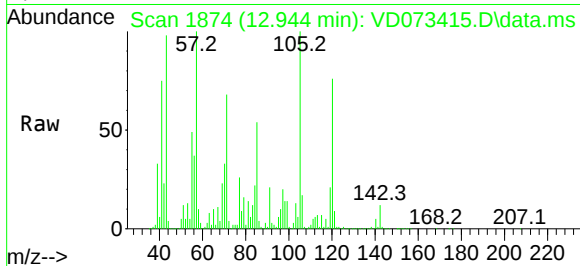




#80
 1,3,5-Trimethylbenzene
 Concen: 13.394 ug/l
 RT: 12.944 min Scan# 1794
 Delta R.T. -0.005 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

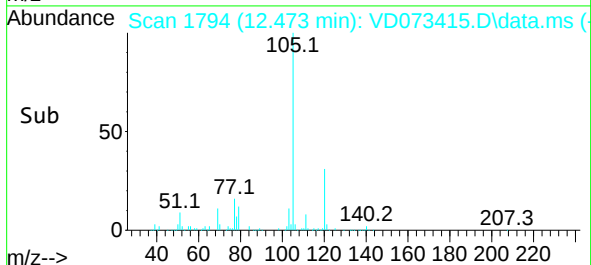
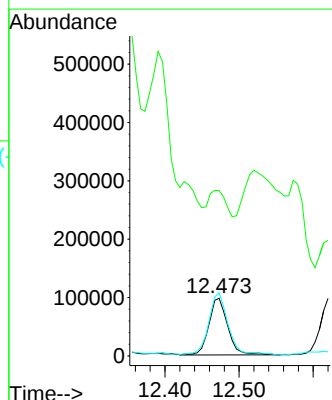
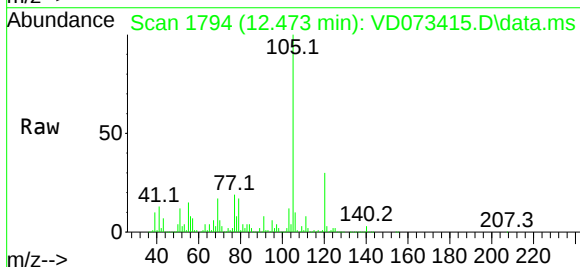
Instrument :
 MSVOA_D
 ClientSampleId :

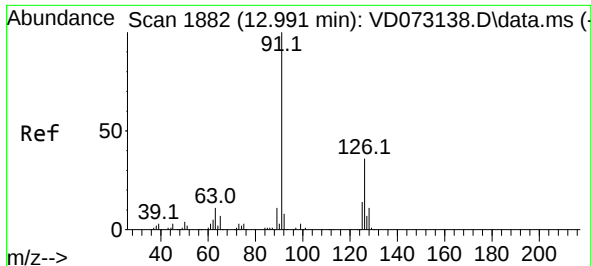
Tgt Ion:105 Resp: 334723
 Ion Ratio Lower Upper
 105 100
 120 4903.6 24.3 72.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.620 ug/l
 RT: 12.473 min Scan# 1794
 Delta R.T. -0.041 min
 Lab File: VD073415.D
 Acq: 27 May 2022 17:08

Tgt Ion: 75 Resp: 171870
 Ion Ratio Lower Upper
 75 100
 53 40.0 86.5 129.7#
 89 111.9 33.9 50.9#

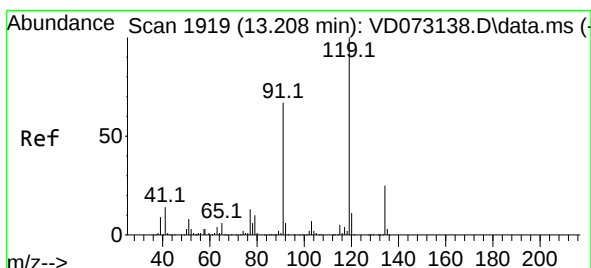
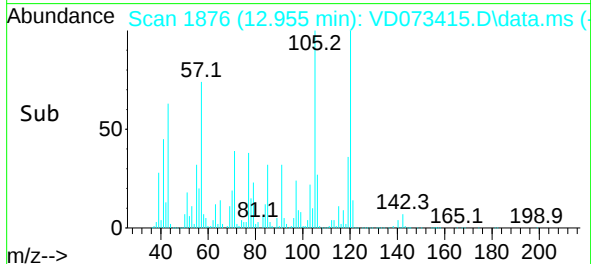
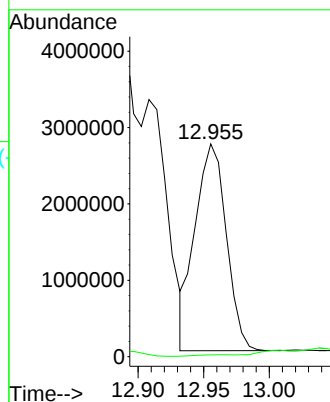
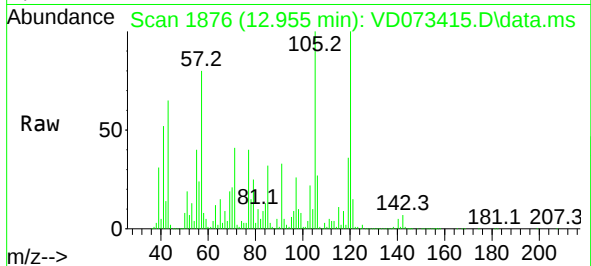




#82
4-Chlorotoluene
Concen: 200.343 ug/l
RT: 12.955 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

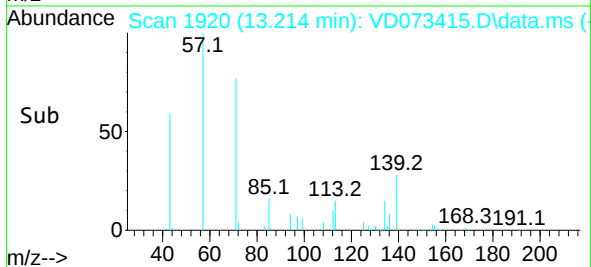
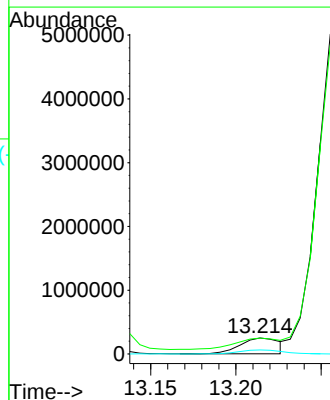
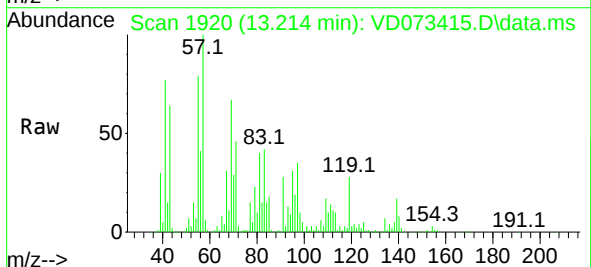
Instrument :
MSVOA_D
ClientSampleId :

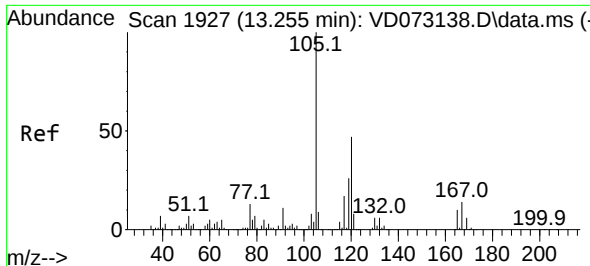
Tgt Ion: 91 Resp: 4490518
Ion Ratio Lower Upper
91 100
126 0.9 16.5 49.5#



#83
tert-Butylbenzene
Concen: 18.643 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 119 Resp: 392646
Ion Ratio Lower Upper
119 100
91 82.7 34.8 104.5
134 27.8 13.3 39.9

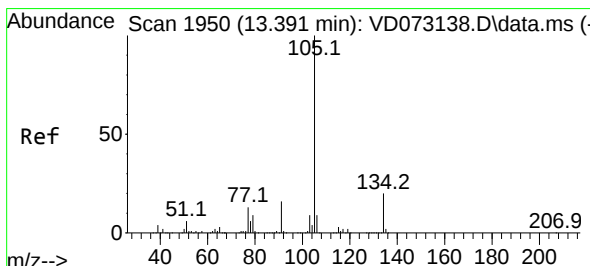
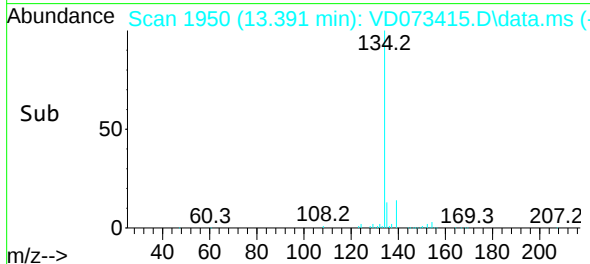
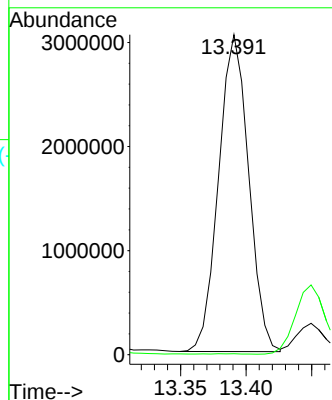
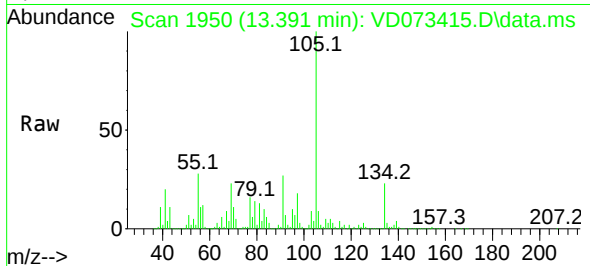




#84
1,2,4-Trimethylbenzene
Concen: 196.381 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.136 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

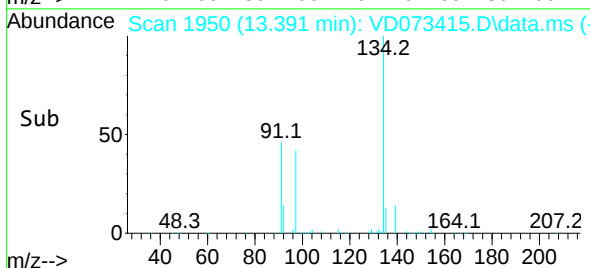
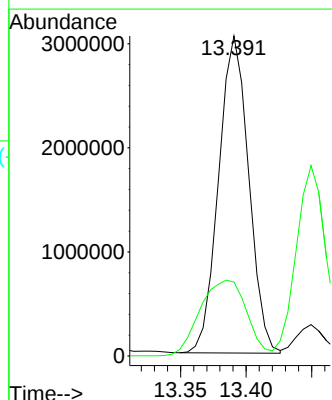
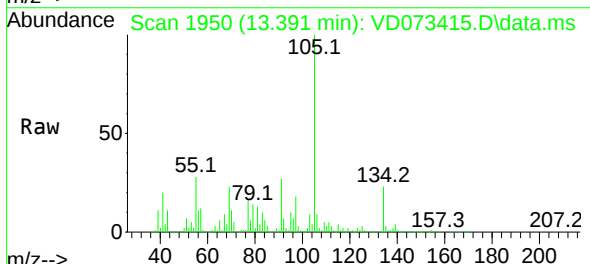
Instrument :
MSVOA_D
ClientSampleId :

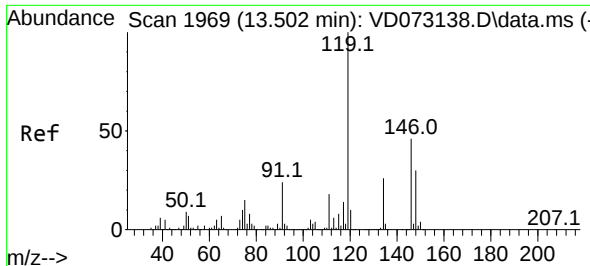
Tgt Ion:105 Resp: 4848256
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.8#



#85
sec-Butylbenzene
Concen: 150.963 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion:105 Resp: 4854891
Ion Ratio Lower Upper
105 100
134 36.9 9.8 29.3#

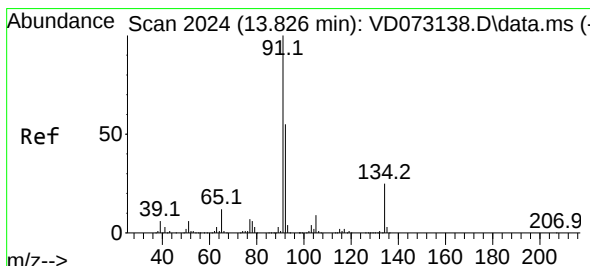
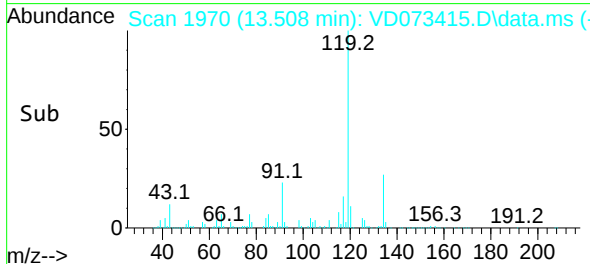
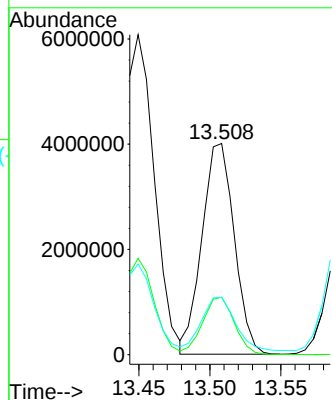
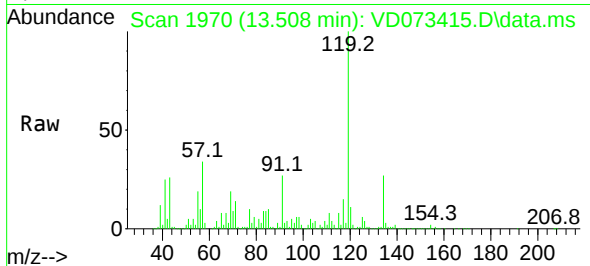




#86
p-Isopropyltoluene
Concen: 241.507 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

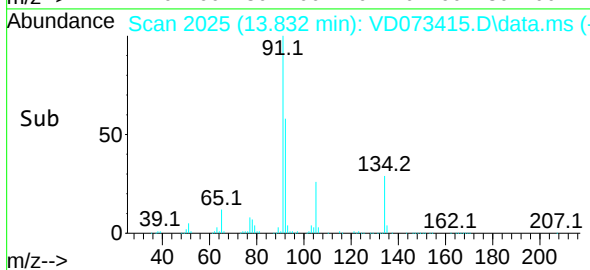
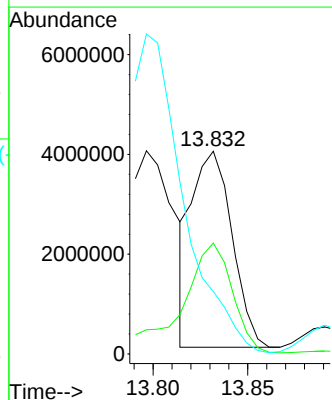
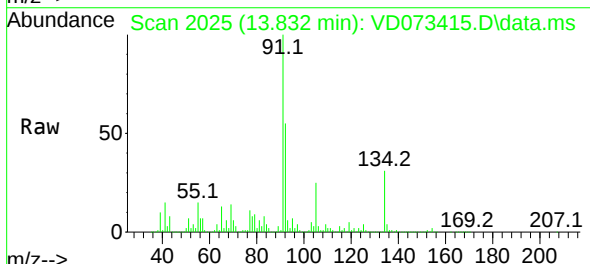
Instrument :
MSVOA_D
ClientSampleId :

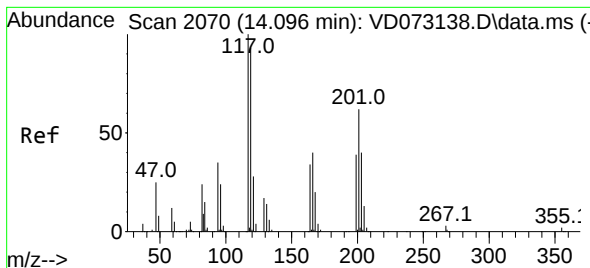
Tgt Ion:119 Resp: 6331196
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.6
91 26.2 12.1 36.3



#89
n-Butylbenzene
Concen: 231.287 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Tgt Ion: 91 Resp: 5777158
Ion Ratio Lower Upper
91 100
92 71.4 26.6 79.8
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 448.812 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

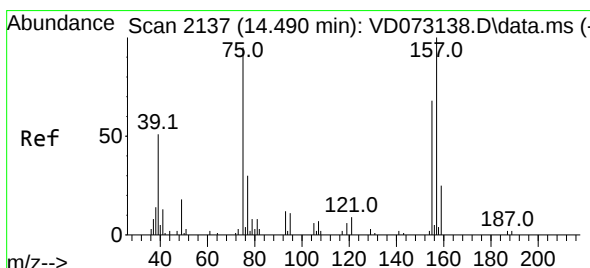
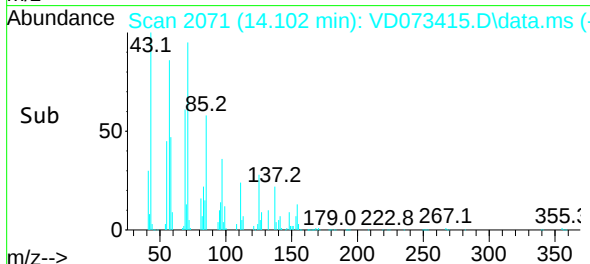
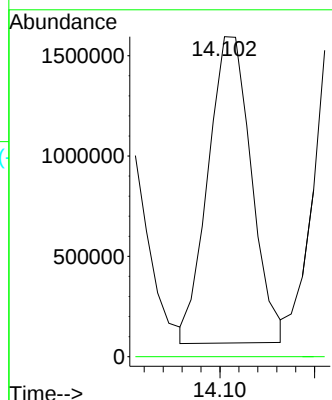
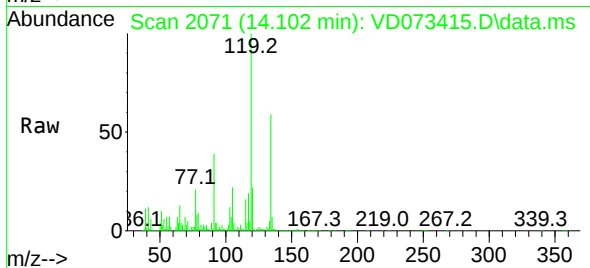
ClientSampleId :

Tgt Ion:117 Resp: 2434516

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.942 ug/l

RT: 14.508 min Scan# 2140

Delta R.T. 0.018 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

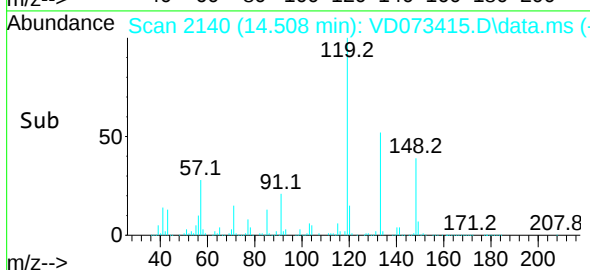
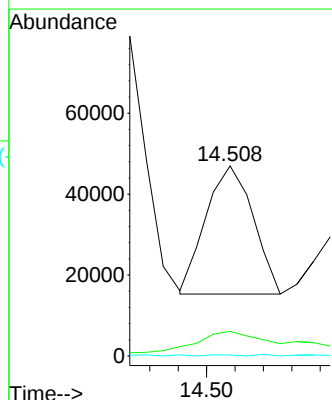
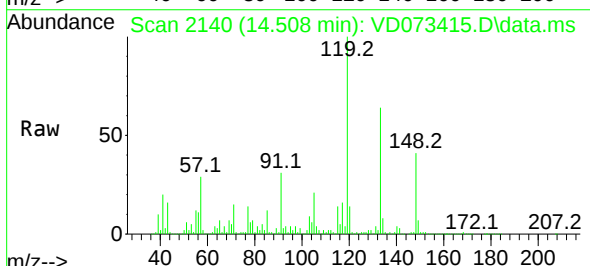
Tgt Ion: 75 Resp: 36613

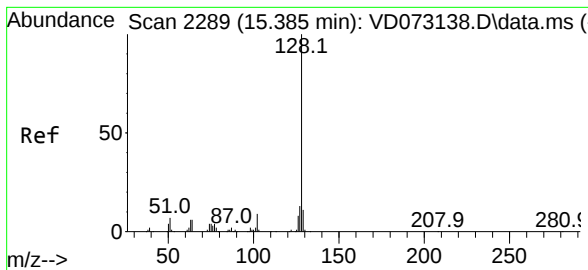
Ion Ratio Lower Upper

75 100

155 33.4 36.8 110.3#

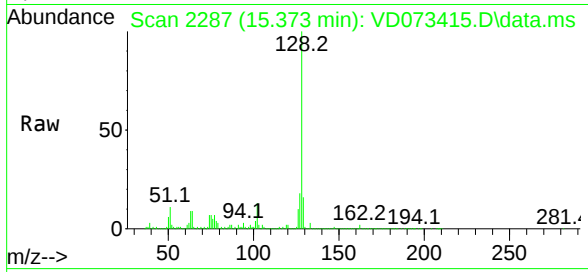
157 0.5 48.4 145.0#





#95
Naphthalene
Concen: 1422.578 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp:20681527
Ion Ratio Lower Upper
128 100
127 18.5 10.3 15.5#
129 16.1 8.4 12.6#

