

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073416.D
 Acq On : 27 May 2022 17:37
 Operator : VA/SY
 Sample : N3104-04
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:45:58 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	464368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	769814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	795071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	391582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218484	42.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.140%
35) Dibromofluoromethane	7.908	113	216467	42.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.332	98	1055063	56.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.680%
62) 4-Bromofluorobenzene	12.620	95	413576	62.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.880%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	1044	Below Cal	#	44
11) Tert butyl alcohol	5.214	59	1682	2.112	ug/l #	74
13) Acrolein	3.879	56	26323	71.007	ug/l #	1
14) Allyl chloride	4.803	41	125400	16.647	ug/l #	72
15) Acrylonitrile	5.485	53	46254	43.391	ug/l #	41
16) Acetone	4.132	43	86175	96.945	ug/l #	60
18) Methyl Acetate	4.797	43	90902	36.776	ug/l #	56
20) Methylene Chloride	4.962	84	34158	2.245	ug/l #	65
23) Vinyl Acetate	6.267	43	39283	4.664	ug/l #	85
25) 2-Butanone	7.197	43	24765	19.043	ug/l #	57
29) Tetrahydrofuran	7.561	42	6277	7.464	ug/l #	42
30) Chloroform	7.667	83	195451	18.470	ug/l #	17
31) Cyclohexane	7.973	56	1408577	157.065	ug/l	97
36) 1,1-Dichloropropene	7.973	75	38422	5.029	ug/l #	64
37) Ethyl Acetate	7.197	43	24765	8.207	ug/l #	72
38) Carbon Tetrachloride	7.973	117	48360	6.245	ug/l #	16
39) Methylcyclohexane	9.350	83	2779215	326.419	ug/l	99
40) Benzene	8.344	78	314543	14.286	ug/l	99
41) Methacrylonitrile	7.555	41	43914	24.977	ug/l #	56
43) Isopropyl Acetate	8.444	43	149625	26.825	ug/l #	54
45) 1,2-Dichloropropane	9.350	63	30479	5.497	ug/l #	1
47) Bromodichloromethane	9.638	83	146172	18.758	ug/l #	25
48) Methyl methacrylate	9.397	41	89974	32.062	ug/l #	19
51) 4-Methyl-2-Pentanone	10.326	43	82026	28.314	ug/l #	59
52) Toluene	10.397	92	219241	15.757	ug/l	97
55) 1,1,2-Trichloroethane	10.767	97	311248	75.578	ug/l #	21
56) Ethyl methacrylate	10.673	69	120040	26.217	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.061	63	369	21.776	ug/l	96
59) 2-Hexanone	10.944	43	482128	252.429	ug/l #	32
67) Ethyl Benzene	11.732	91	1027139	35.873	ug/l	98
68) m/p-Xylenes	11.838	106	1257059	113.002	ug/l	99
69) o-Xylene	12.167	106	409436	40.065	ug/l	96
70) Styrene	12.167	104	22270	1.267	ug/l #	1
73) Isopropylbenzene	12.467	105	159567	5.716	ug/l	97
74) N-amyl acetate	12.255	43	209609	34.419	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.696	83	11792	2.290	ug/l #	86

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 Response via : Initial Calibration

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

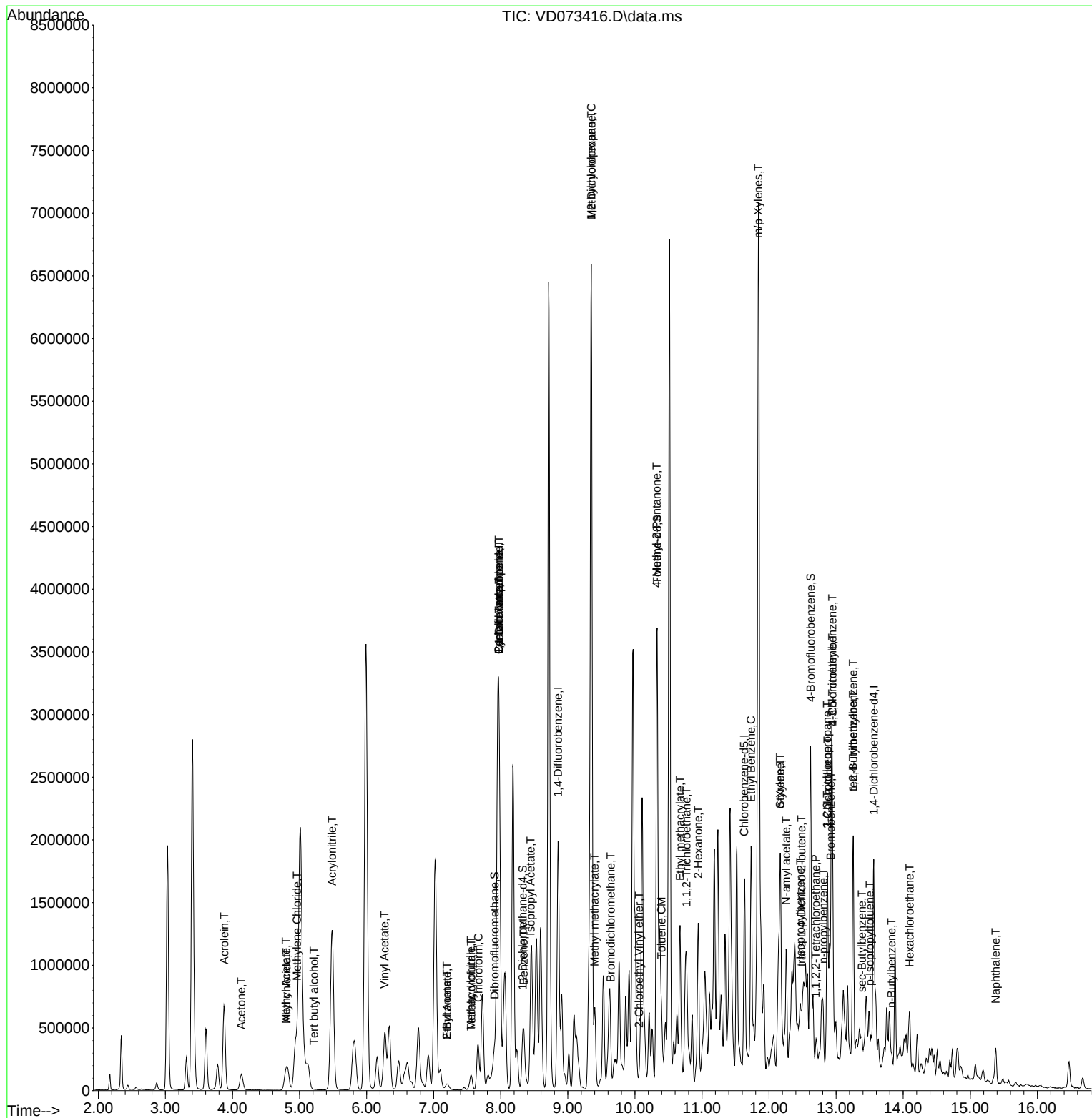
76) 1,2,3-Trichloropropane	12.867	75	8343	2.171	ug/l #	100	
77) Bromobenzene	12.920	156	219177	33.353	ug/l #	1	
78) n-propylbenzene	12.808	91	322804	9.211	ug/l	99	
79) 2-Chlorotoluene	12.873	91	111096	5.490	ug/l #	48	
80) 1,3,5-Trimethylbenzene	12.943	105	408645	17.281	ug/l	100	
81) trans-1,4-Dichloro-2-b...	12.485	75	9067	5.665	ug/l #	13	
82) 4-Chlorotoluene	12.943	91	43206	2.037	ug/l #	62	
83) tert-Butylbenzene	13.255	119	129240	6.485	ug/l #	69	
84) 1,2,4-Trimethylbenzene	13.255	105	1006019	43.064	ug/l	98	
85) sec-Butylbenzene	13.385	105	50285	1.652	ug/l #	61	
86) p-Isopropyltoluene	13.502	119	54672	2.204	ug/l	94	
89) n-Butylbenzene	13.826	91	53503	2.264	ug/l #	72	
90) Hexachloroethane	14.096	117	19133	3.728	ug/l #	17	
95) Naphthalene	15.379	128	272434	23.296	ug/l	99	

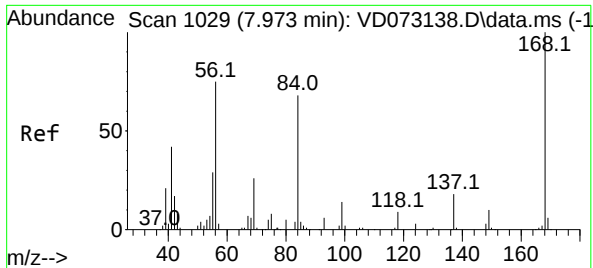
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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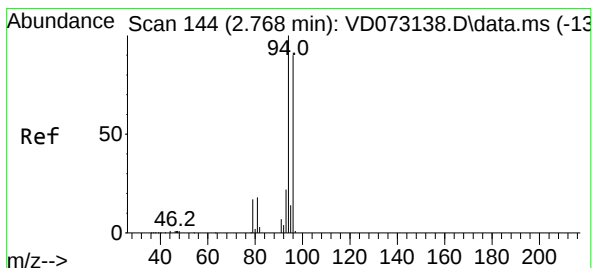
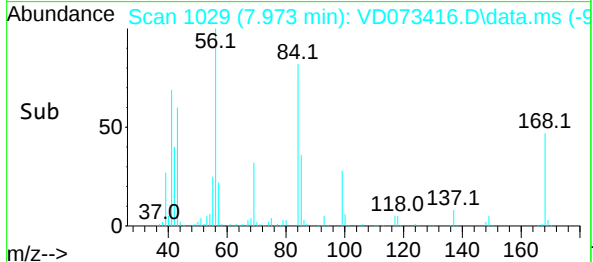
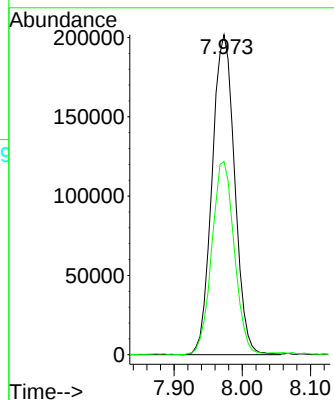
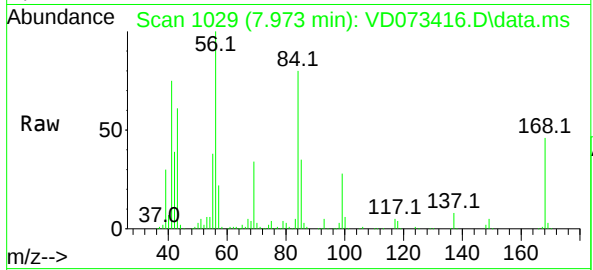




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

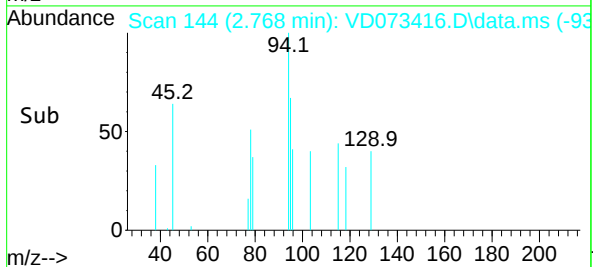
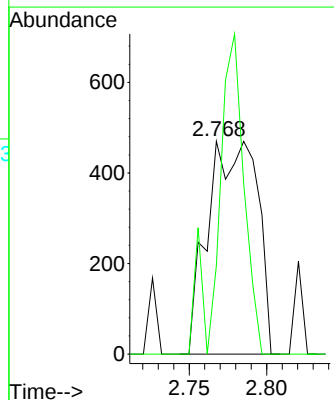
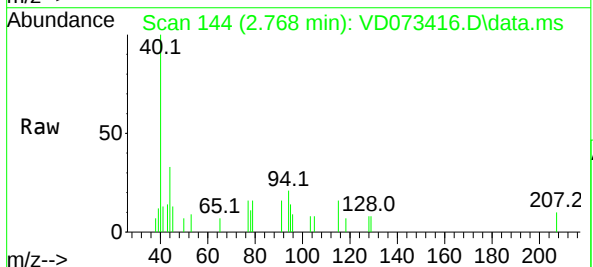
Instrument :
MSVOA_D
ClientSampleId :

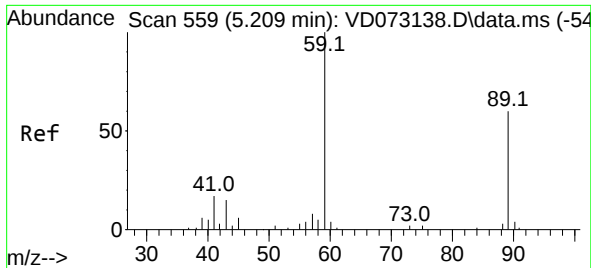
Tgt Ion:168 Resp: 464368
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 94 Resp: 1044
Ion Ratio Lower Upper
94 100
96 41.5 77.6 116.4#





#11

Tert butyl alcohol

Concen: 2.112 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.005 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

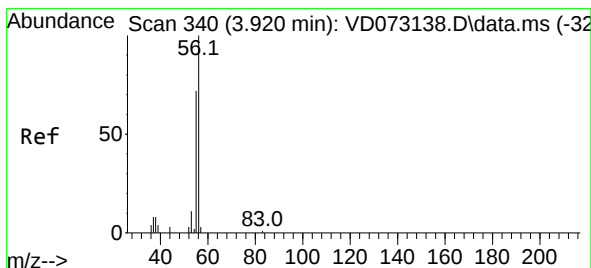
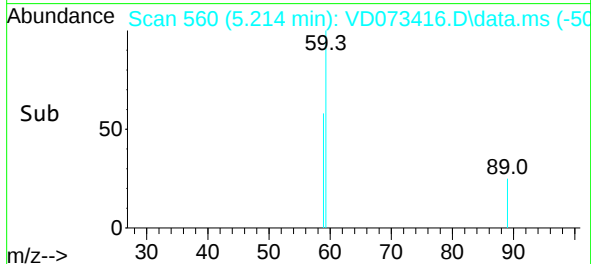
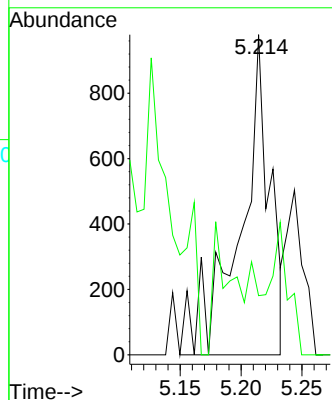
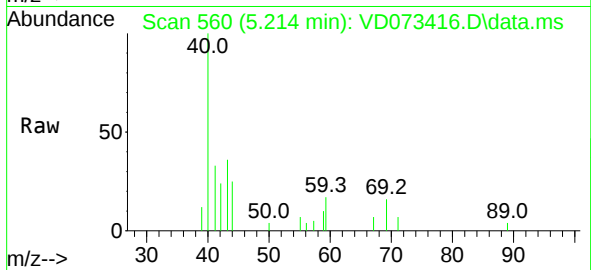
ClientSampleId :

Tgt Ion: 59 Resp: 1682

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: 71.007 ug/l

RT: 3.879 min Scan# 333

Delta R.T. -0.041 min

Lab File: VD073416.D

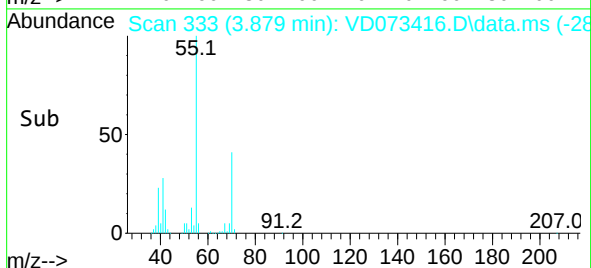
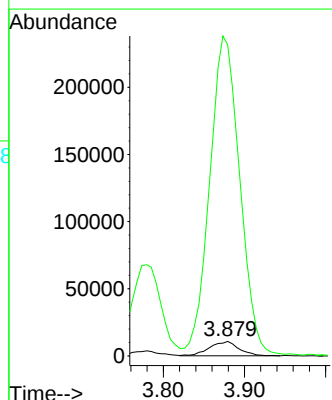
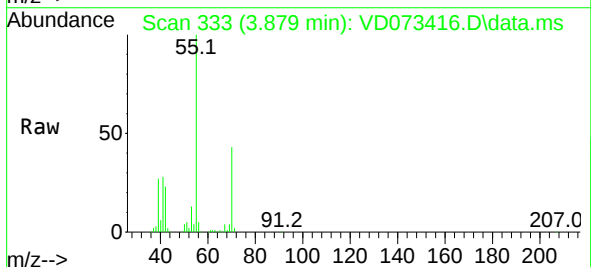
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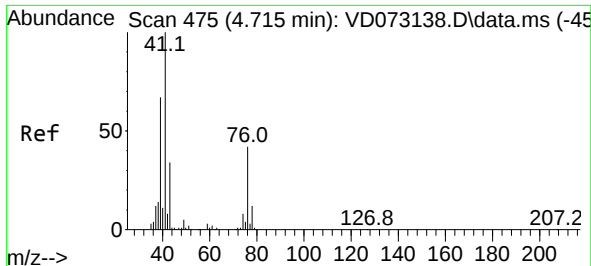
Tgt Ion: 56 Resp: 26323

Ion Ratio Lower Upper

56 100

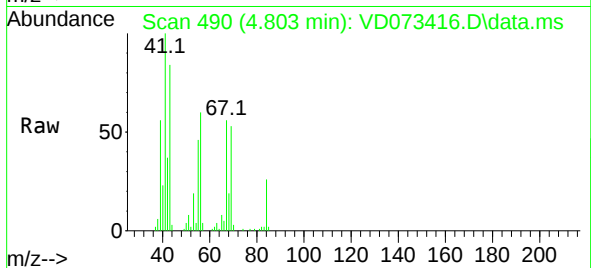
55 2326.6 57.1 85.7#



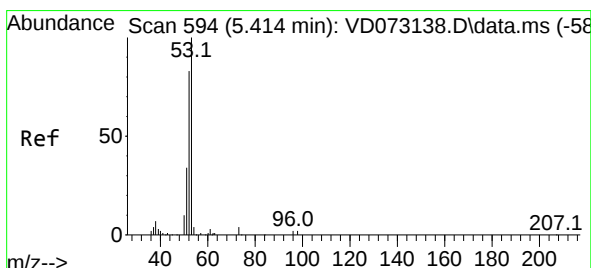
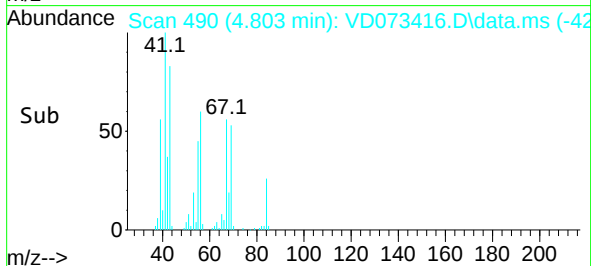
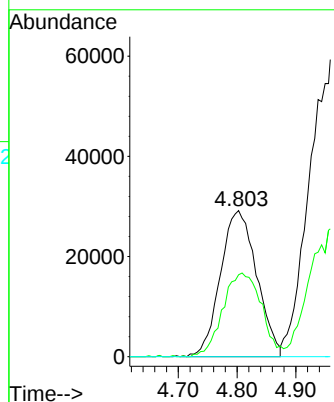


#14
 Allyl chloride
 Concen: 16.647 ug/l
 RT: 4.803 min Scan# 490
 Delta R.T. 0.088 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

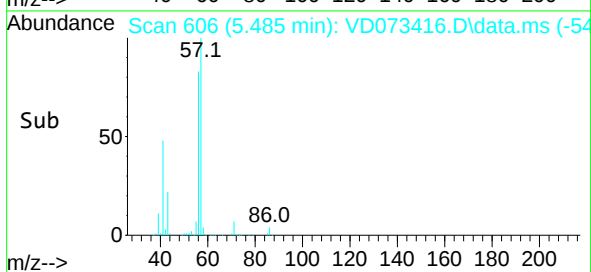
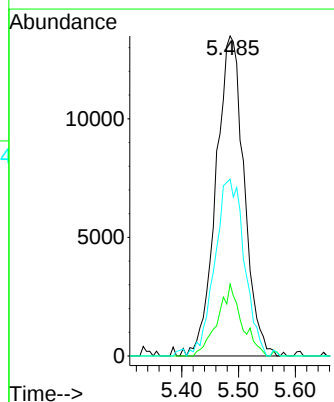
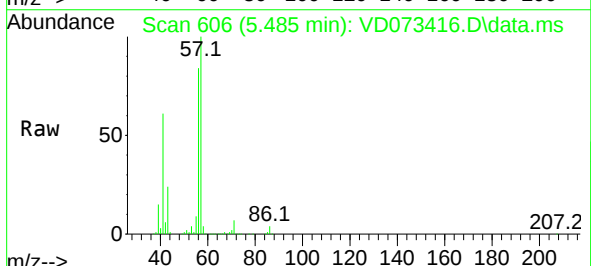


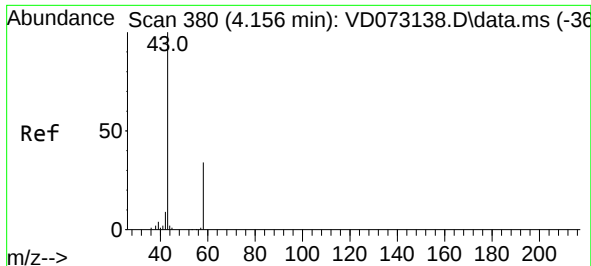
Tgt Ion: 41 Resp: 125400
 Ion Ratio Lower Upper
 41 100
 39 61.0 59.3 88.9
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 43.391 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.071 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Tgt Ion: 53 Resp: 46254
 Ion Ratio Lower Upper
 53 100
 52 19.4 67.2 100.8#
 51 58.1 30.3 45.5#





#16

Acetone

Concen: 96.945 ug/l

RT: 4.132 min Scan# 31

Delta R.T. -0.024 min

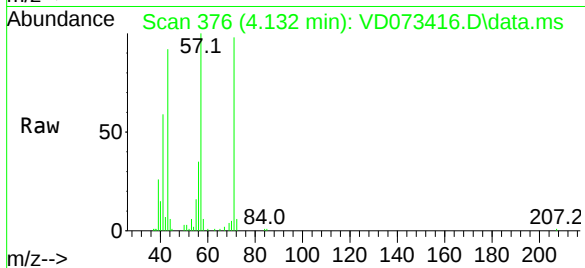
Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :

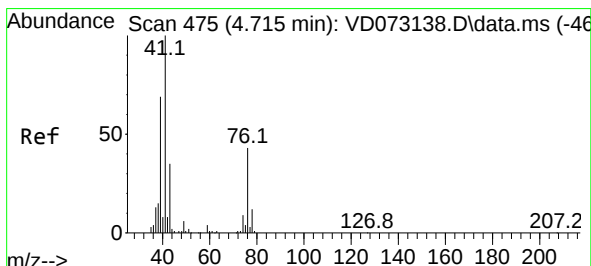
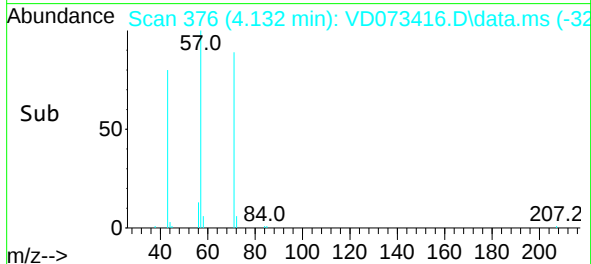
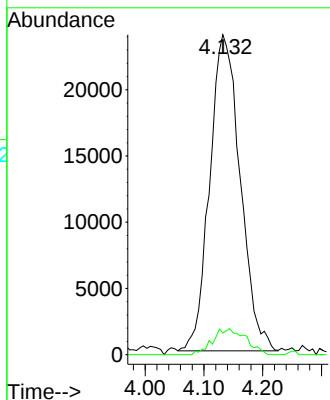


Tgt Ion: 43 Resp: 86175

Ion Ratio Lower Upper

43 100

58 6.9 22.1 33.1#



#18

Methyl Acetate

Concen: 36.776 ug/l

RT: 4.797 min Scan# 489

Delta R.T. 0.082 min

Lab File: VD073416.D

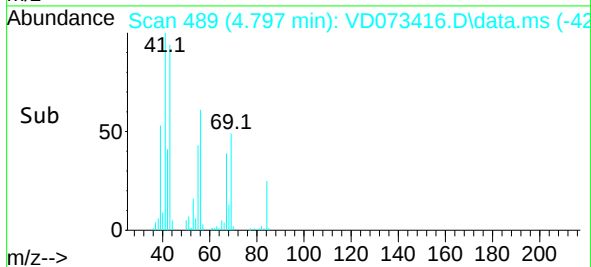
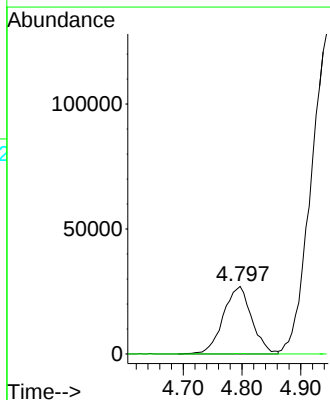
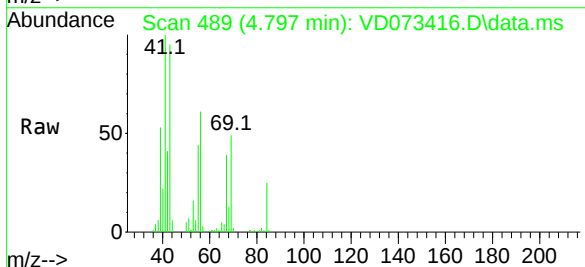
Acq: 27 May 2022 17:37

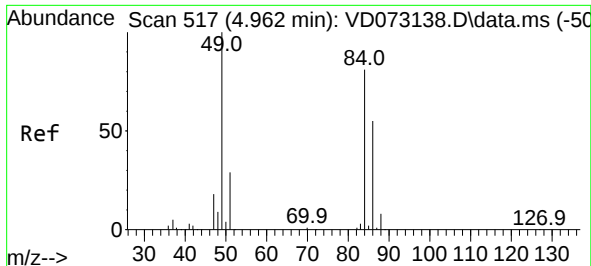
Tgt Ion: 43 Resp: 90902

Ion Ratio Lower Upper

43 100

74 0.1 16.7 25.1#





#20

Methylene Chloride

Concen: 2.245 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

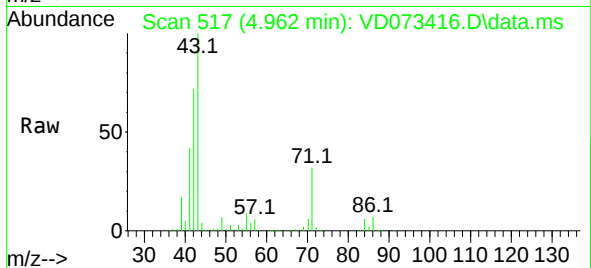
Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 34158

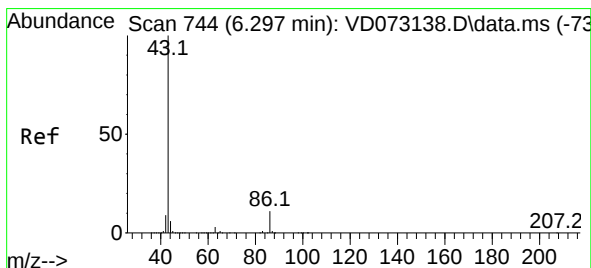
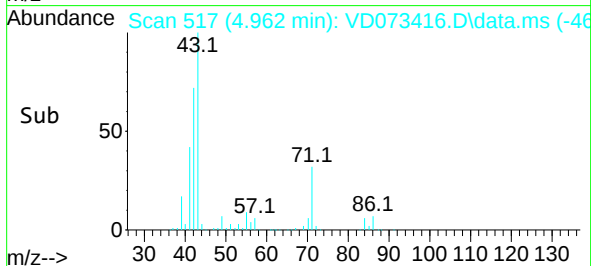
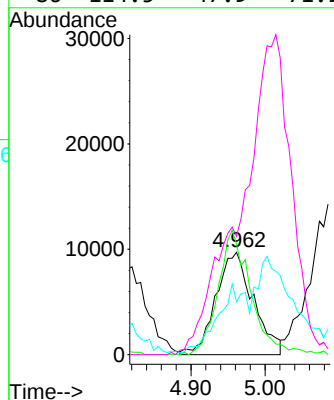
Ion Ratio Lower Upper

84 100

49 111.3 112.8 169.2#

51 51.3 32.6 48.8#

86 114.5 47.9 71.9#



#23

Vinyl Acetate

Concen: 4.664 ug/l

RT: 6.267 min Scan# 739

Delta R.T. -0.030 min

Lab File: VD073416.D

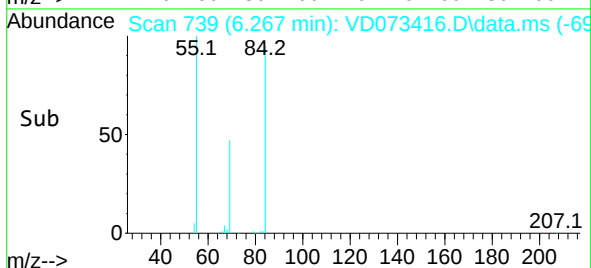
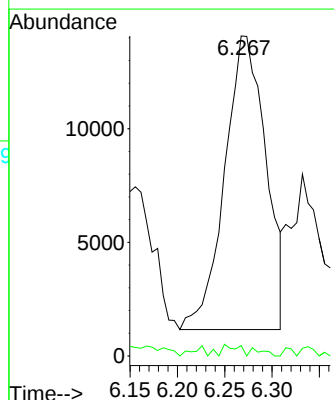
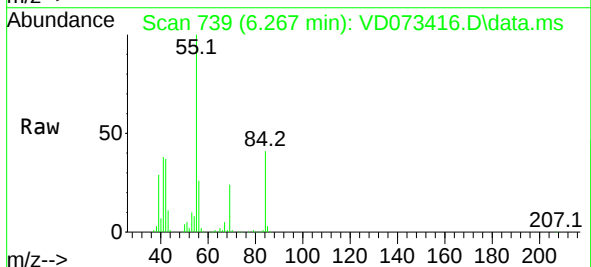
Acq: 27 May 2022 17:37

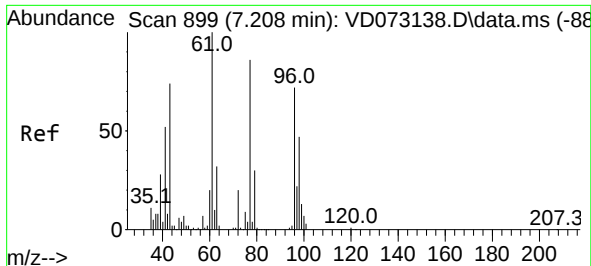
Tgt Ion: 43 Resp: 39283

Ion Ratio Lower Upper

43 100

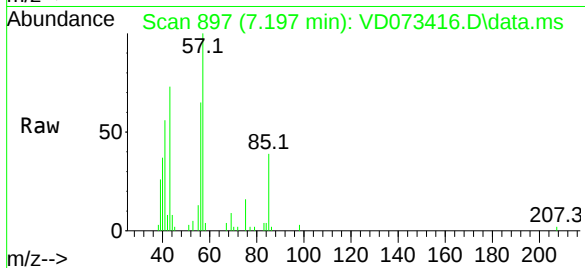
86 3.5 7.1 10.7#



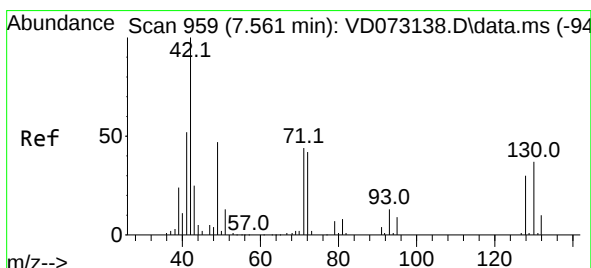
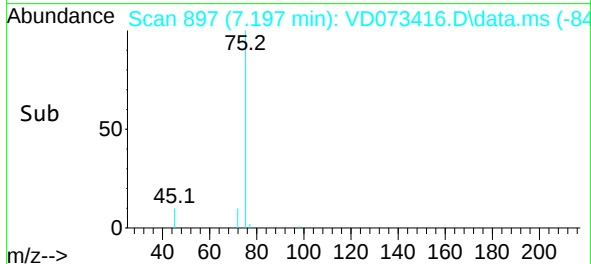
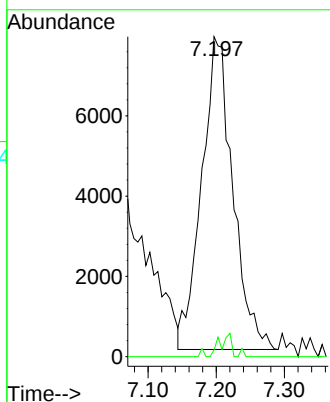


#25
2-Butanone
Concen: 19.043 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.011 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

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ClientSampleId :

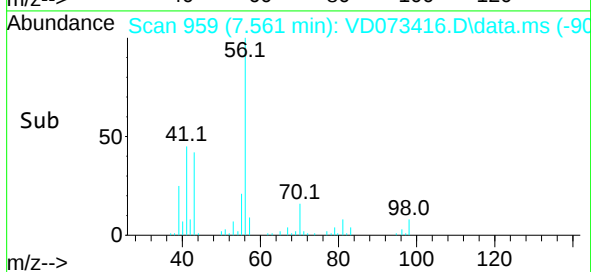
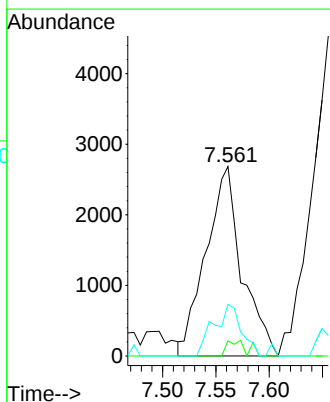
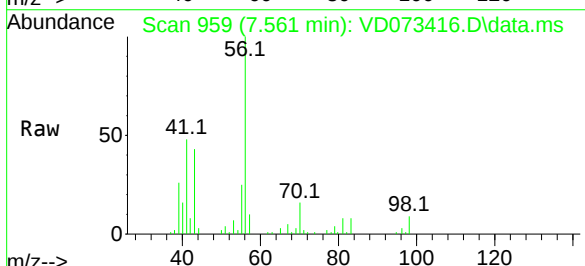


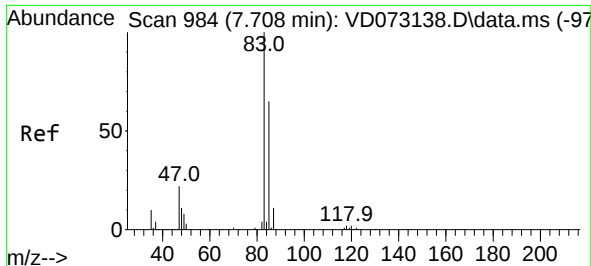
Tgt Ion: 43 Resp: 24765
Ion Ratio Lower Upper
43 100
72 2.2 18.6 27.8#



#29
Tetrahydrofuran
Concen: 7.464 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

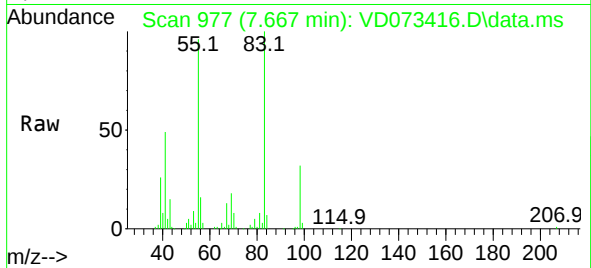
Tgt Ion: 42 Resp: 6277
Ion Ratio Lower Upper
42 100
72 4.5 30.7 46.1#
71 0.0 28.6 43.0#



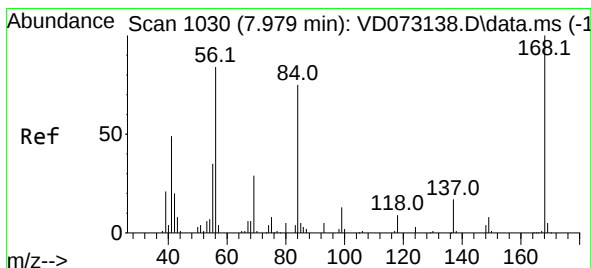
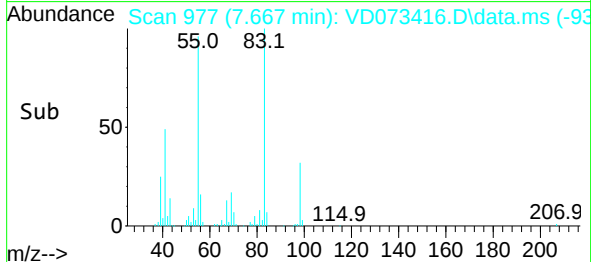
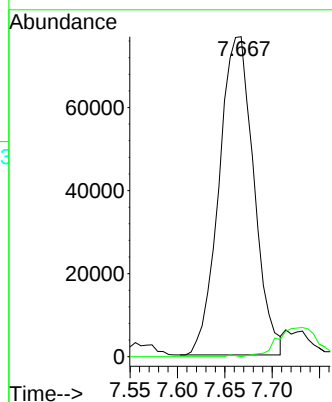


#30
Chloroform
Concen: 18.470 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :

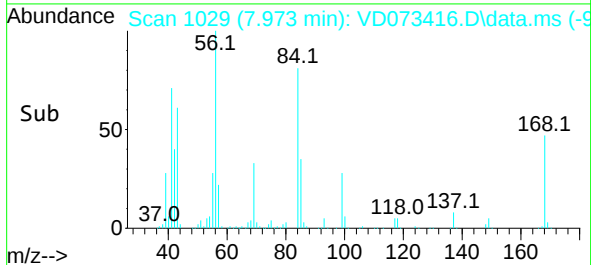
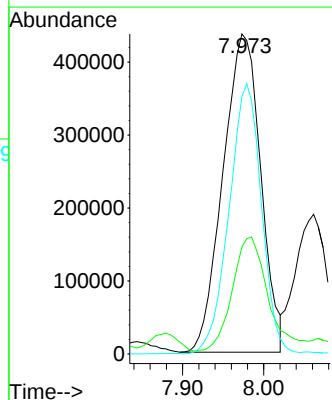
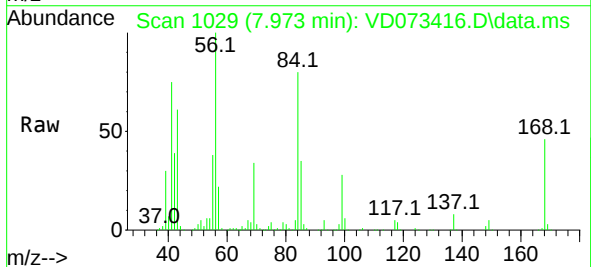


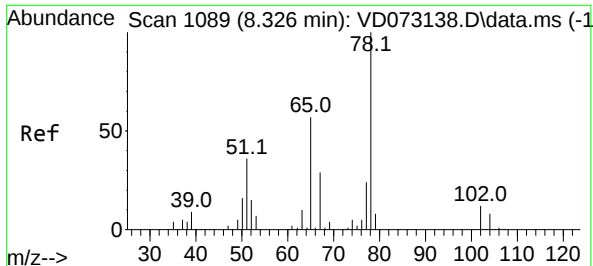
Tgt Ion: 83 Resp: 195451
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#



#31
Cyclohexane
Concen: 157.065 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 56 Resp: 1408577
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 80.8 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 42.574 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

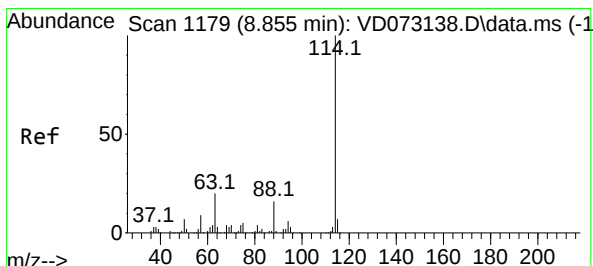
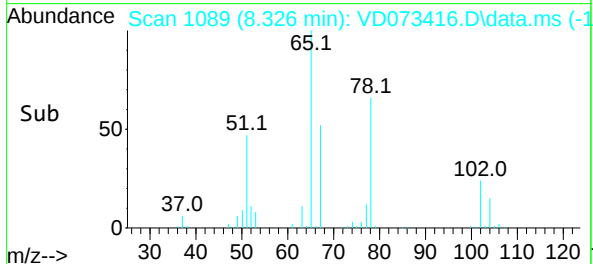
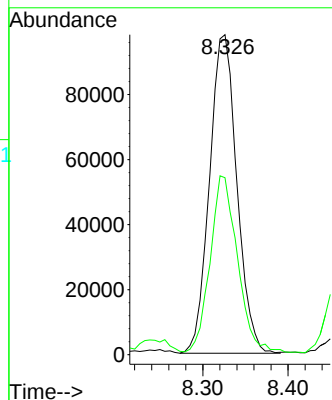
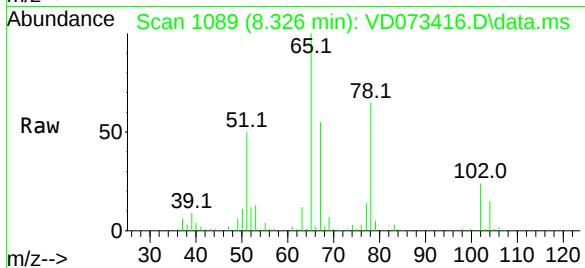
ClientSampleId :

Tgt Ion: 65 Resp: 218484

Ion Ratio Lower Upper

65 100

67 55.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

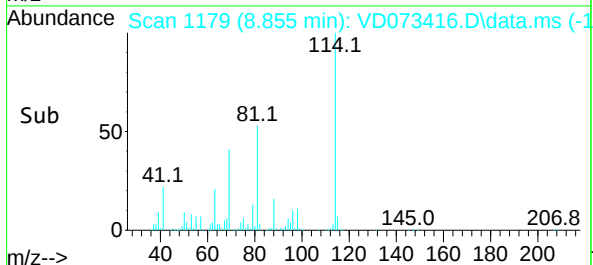
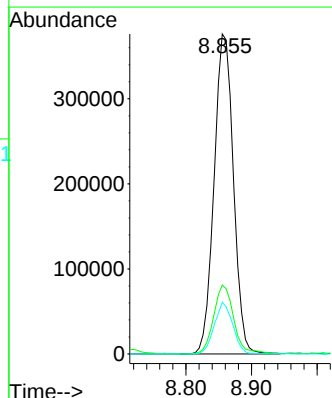
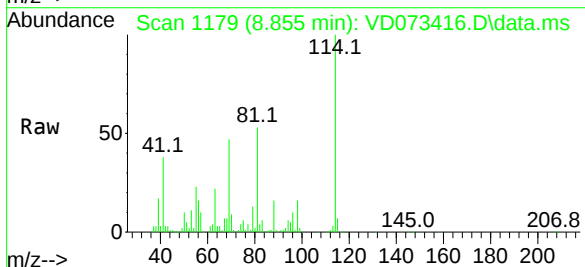
Tgt Ion: 114 Resp: 769814

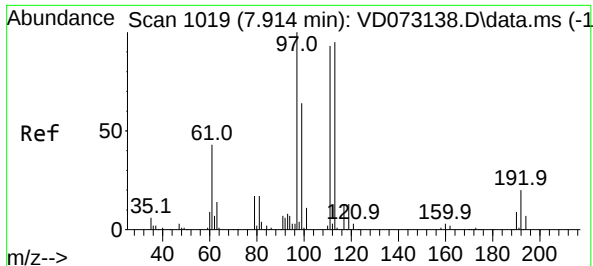
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 42.614 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

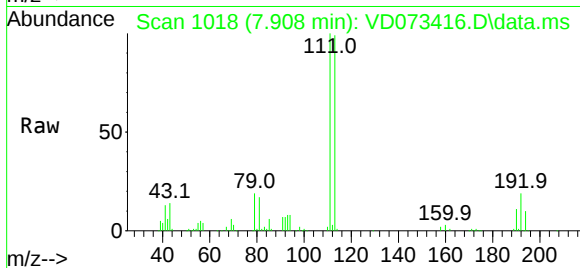
Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :



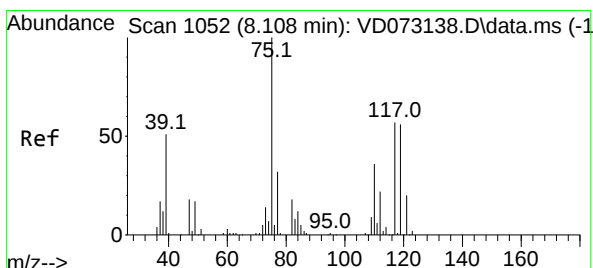
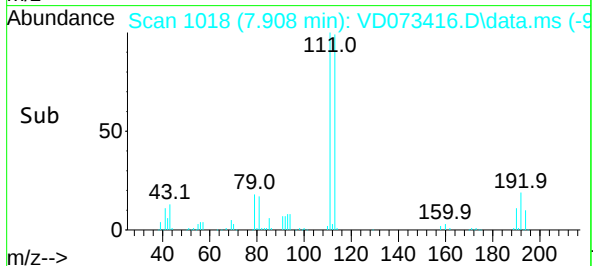
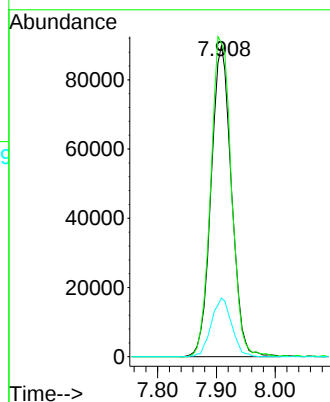
Tgt Ion:113 Resp: 216467

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

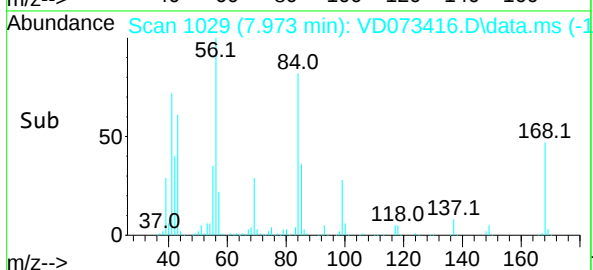
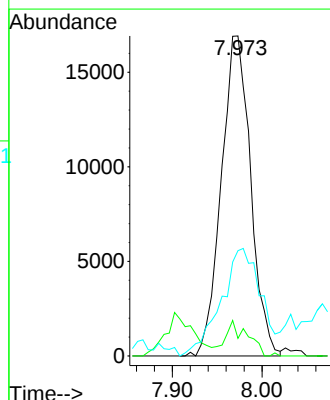
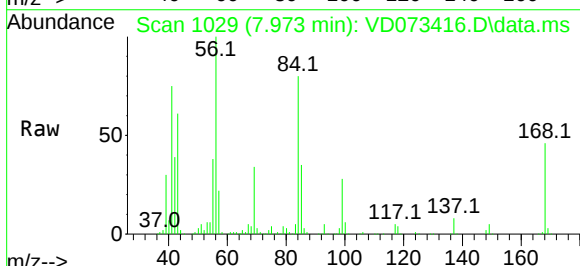
Tgt Ion: 75 Resp: 38422

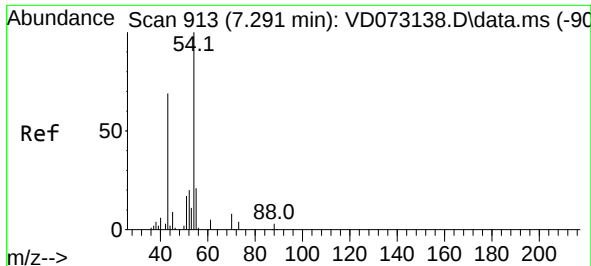
Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

77 45.2 24.2 36.2#





#37

Ethyl Acetate

Concen: 8.207 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

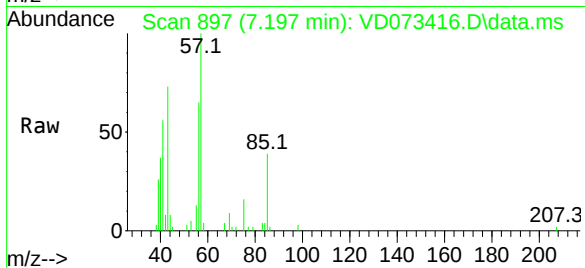
Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :



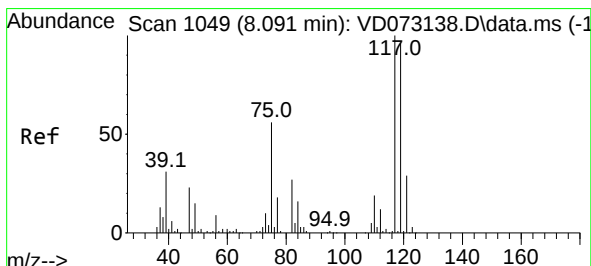
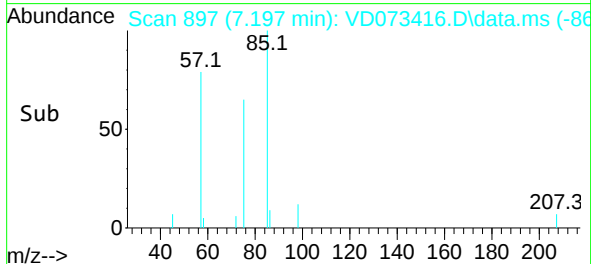
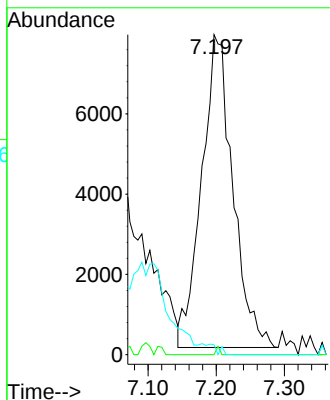
Tgt Ion: 43 Resp: 24765

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 6.245 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

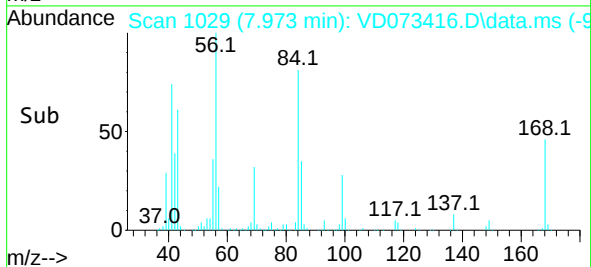
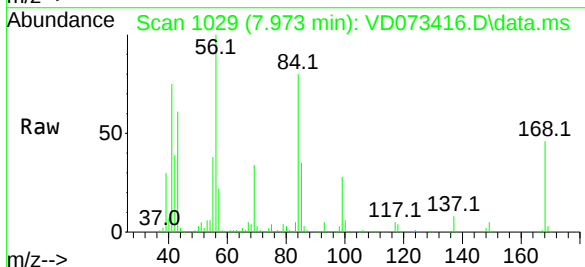
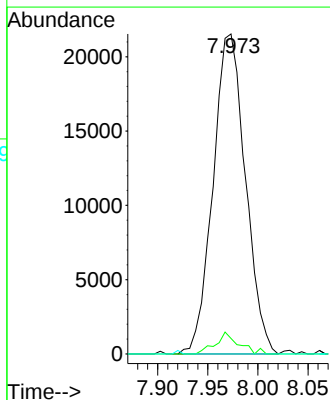
Tgt Ion: 117 Resp: 48360

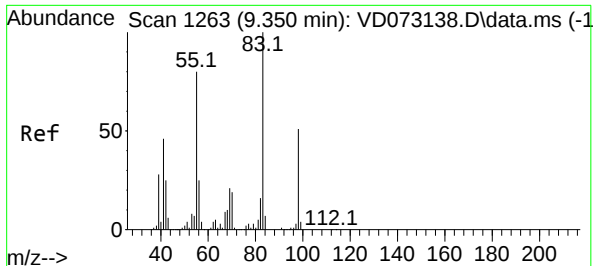
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 326.419 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :

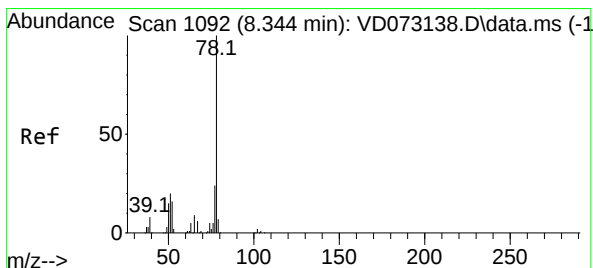
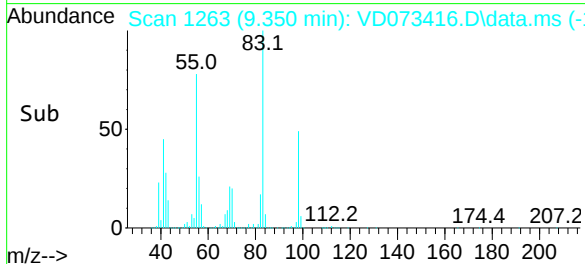
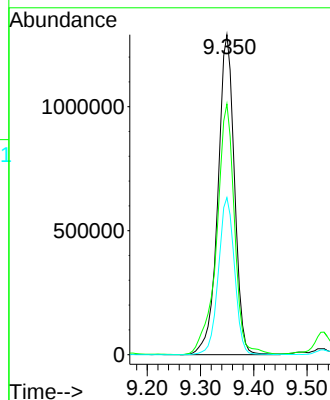
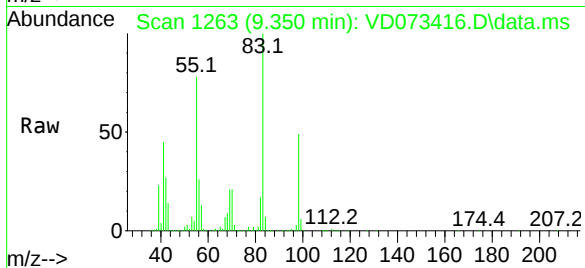
Tgt Ion: 83 Resp: 2779215

Ion Ratio Lower Upper

83 100

55 78.3 63.2 94.8

98 49.1 38.2 57.4



#40

Benzene

Concen: 14.286 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073416.D

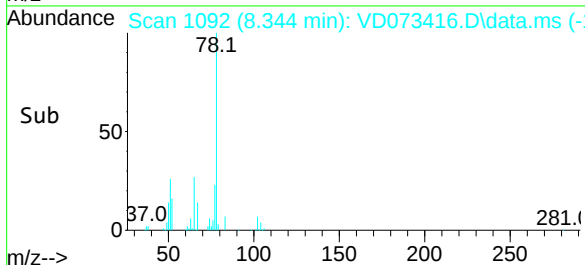
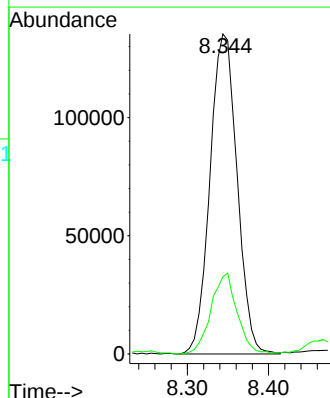
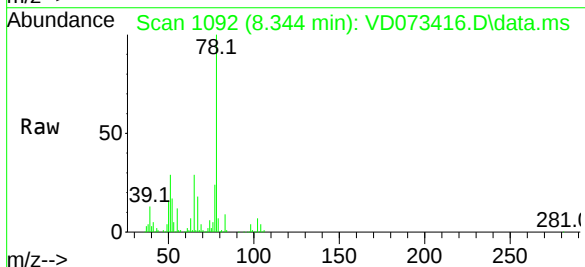
Acq: 27 May 2022 17:37

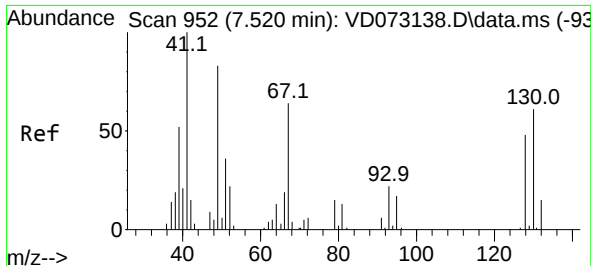
Tgt Ion: 78 Resp: 314543

Ion Ratio Lower Upper

78 100

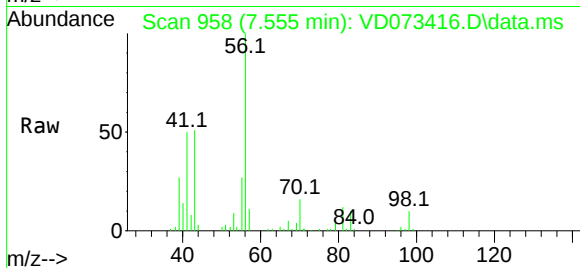
77 24.2 19.1 28.7



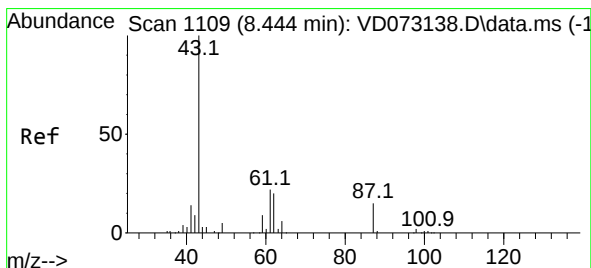
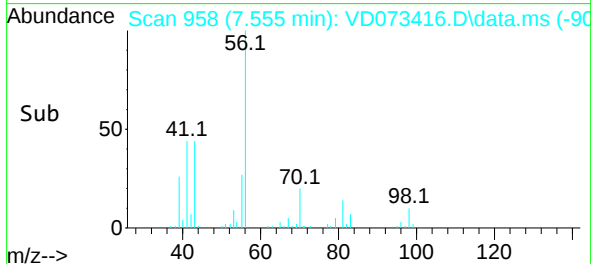
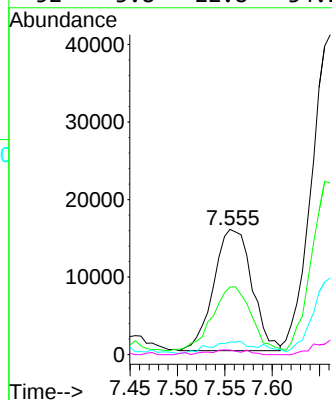


#41
Methacrylonitrile
Concen: 24.977 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.035 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :

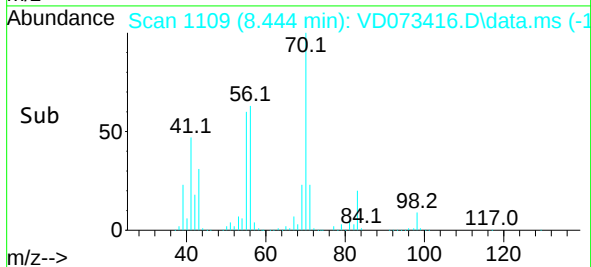
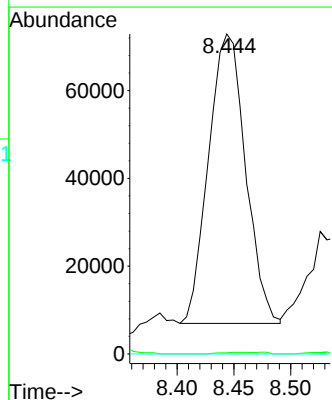
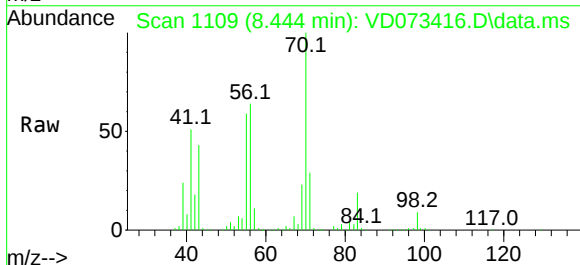


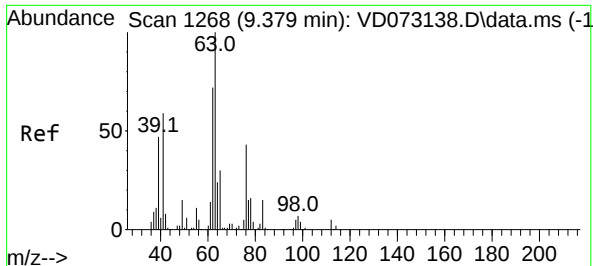
Tgt Ion: 41 Resp: 43914
Ion Ratio Lower Upper
41 100
39 53.3 44.6 67.0
67 0.0 48.2 72.4#
52 3.8 22.8 34.2#



#43
Isopropyl Acetate
Concen: 26.825 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 43 Resp: 149625
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: 5.497 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

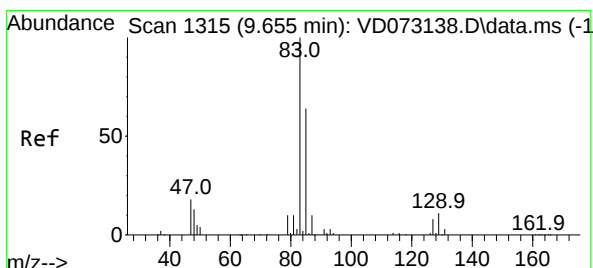
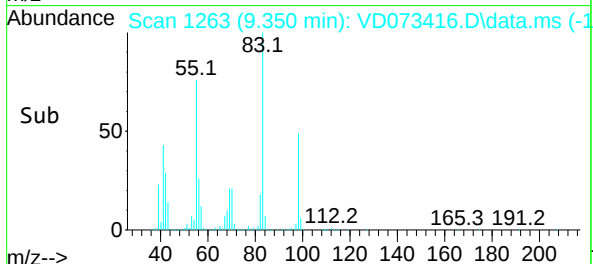
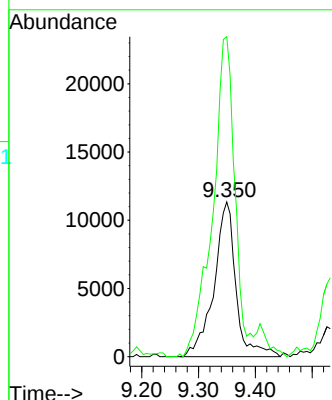
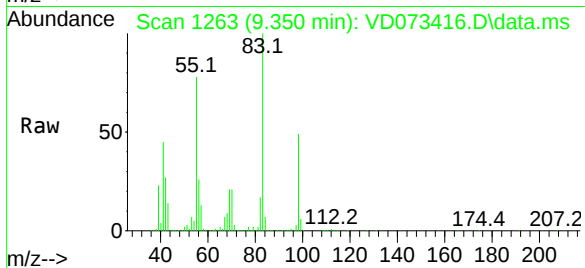
ClientSampleId :

Tgt Ion: 63 Resp: 30479

Ion Ratio Lower Upper

63 100

65 205.1 26.2 39.4#



#47

Bromodichloromethane

Concen: 18.758 ug/l

RT: 9.638 min Scan# 1312

Delta R.T. -0.017 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

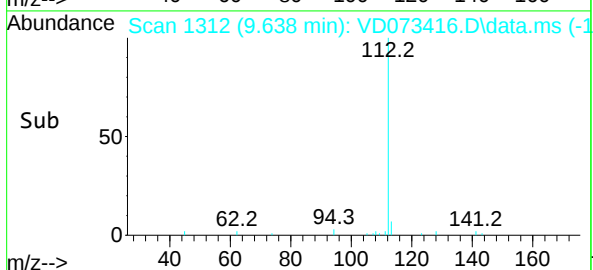
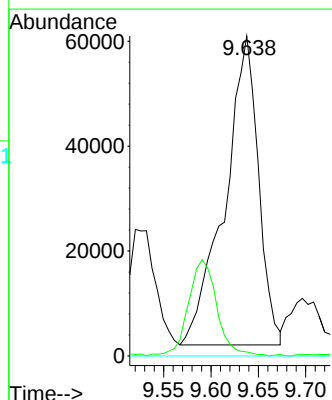
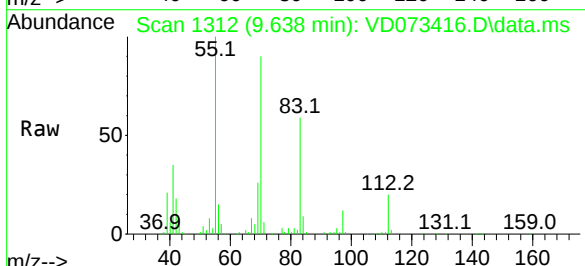
Tgt Ion: 83 Resp: 146172

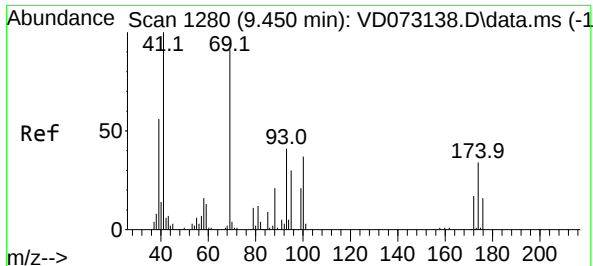
Ion Ratio Lower Upper

83 100

85 0.8 51.4 77.0#

127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 32.062 ug/l

RT: 9.397 min Scan# 1271

Delta R.T. -0.053 min

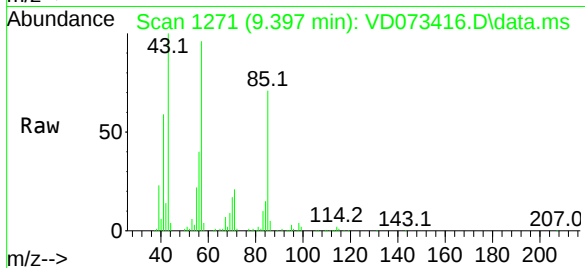
Lab File: VD073416.D

Acq: 27 May 2022 17:37

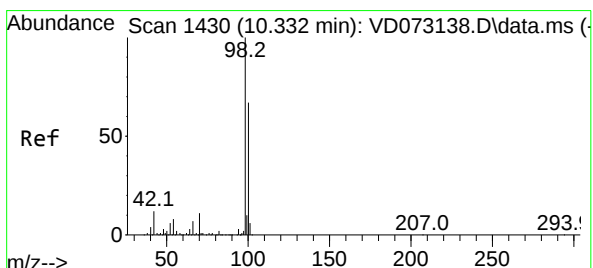
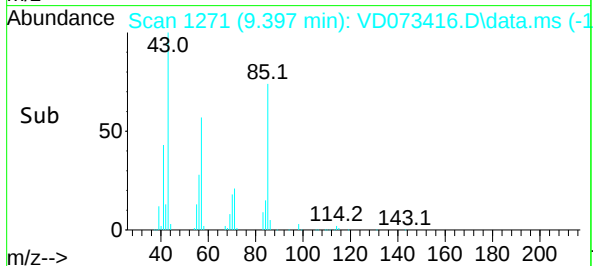
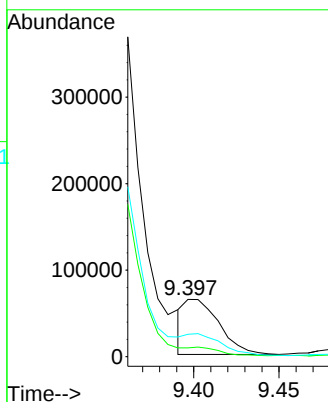
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	41	Resp:	89974
Ion Ratio	Lower	Upper	
41	100		
69	0.0	56.7	85.1#
39	0.0	42.7	64.1#



#50

Toluene-d8

Concen: 56.345 ug/l

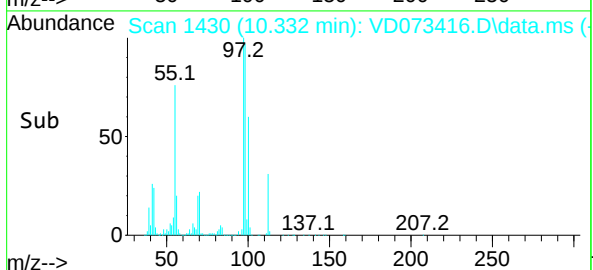
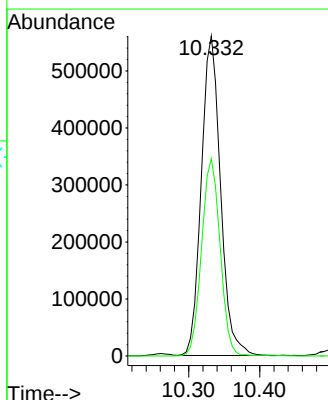
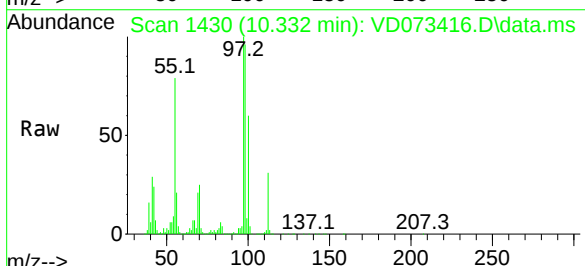
RT: 10.332 min Scan# 1430

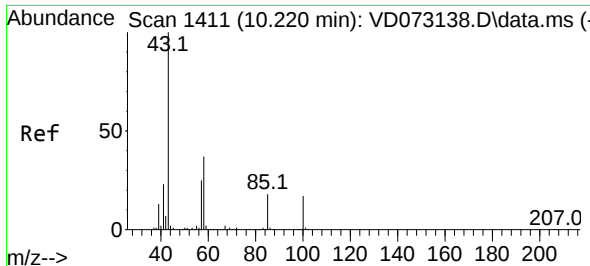
Delta R.T. -0.000 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Tgt Ion:	98	Resp:	1055063
Ion Ratio	Lower	Upper	
98	100		
100	59.4	52.4	78.6

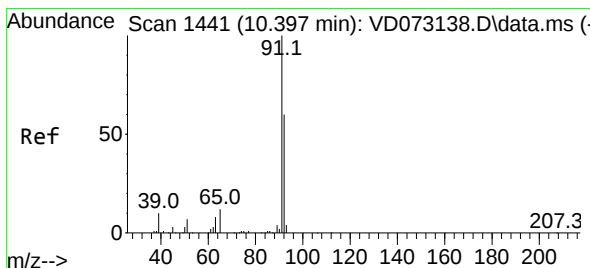
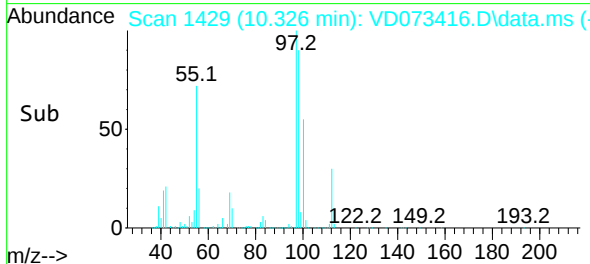
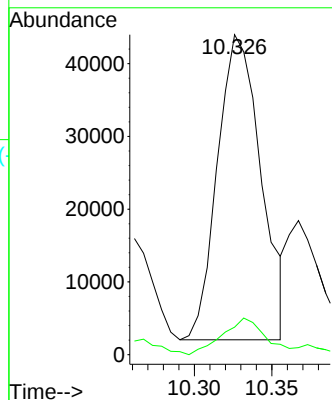
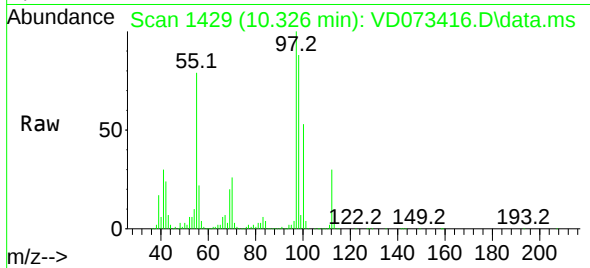




#51
4-Methyl-2-Pentanone
Concen: 28.314 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

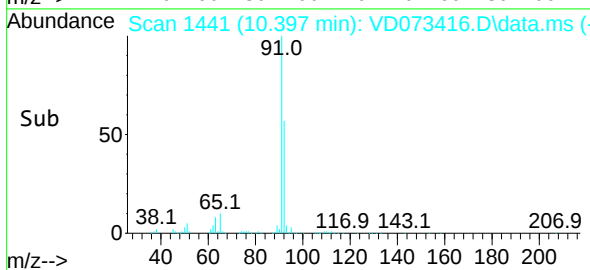
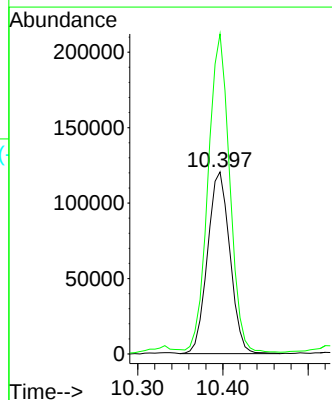
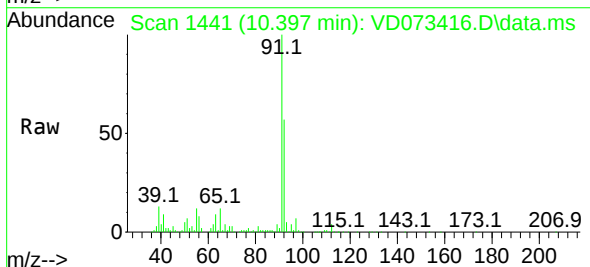
Instrument :
MSVOA_D
ClientSampleId :

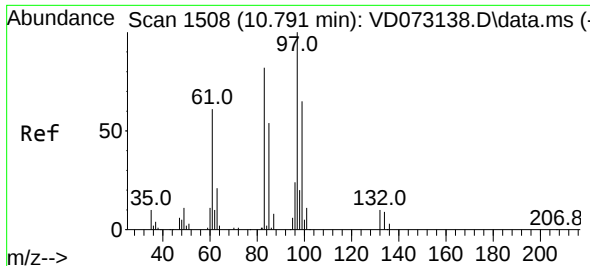
Tgt Ion: 43 Resp: 82026
Ion Ratio Lower Upper
43 100
58 11.7 28.6 43.0#



#52
Toluene
Concen: 15.757 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

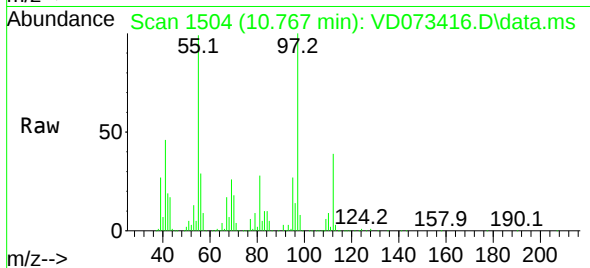
Tgt Ion: 92 Resp: 219241
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4



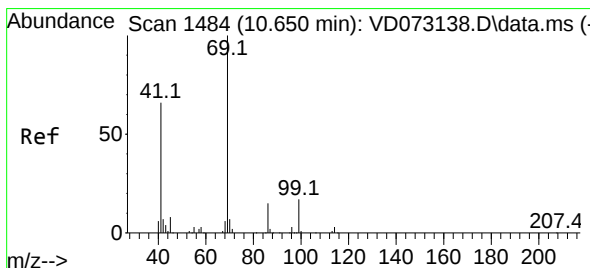
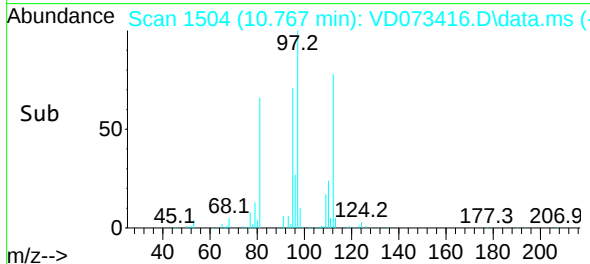
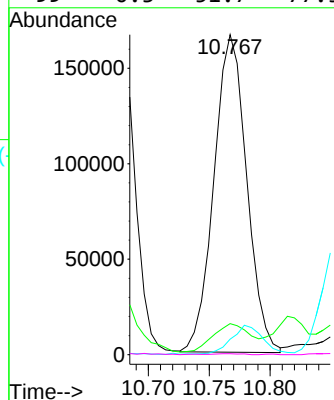


#55
 1,1,2-Trichloroethane
 Concen: 75.578 ug/l
 RT: 10.767 min Scan# 1504
 Delta R.T. -0.024 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

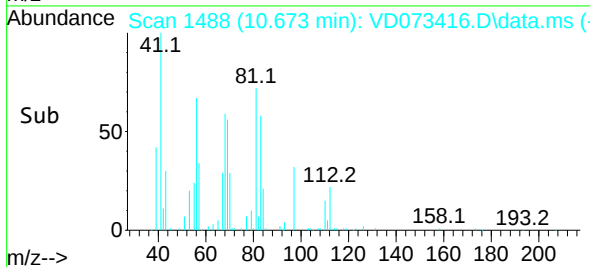
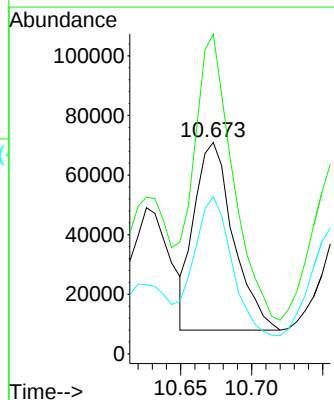
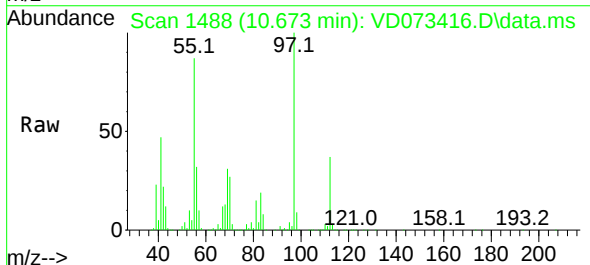


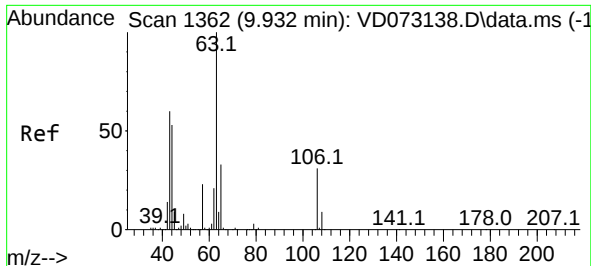
Tgt Ion:	97	Resp:	311248
Ion	Ratio	Lower	Upper
97	100		
83	8.9	69.0	103.4#
85	4.8	42.6	63.8#
99	0.3	51.7	77.5#



#56
 Ethyl methacrylate
 Concen: 26.217 ug/l
 RT: 10.673 min Scan# 1488
 Delta R.T. 0.023 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Tgt Ion:	69	Resp:	120040
Ion	Ratio	Lower	Upper
69	100		
41	163.3	63.0	94.6#
39	74.6	33.8	50.8#

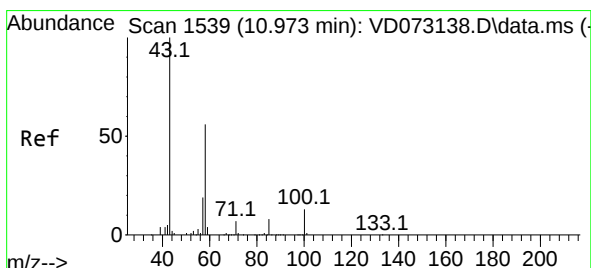
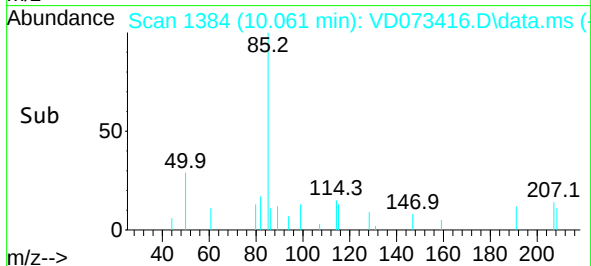
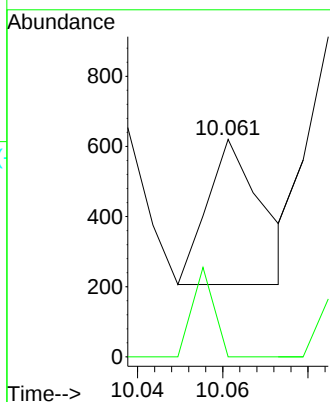
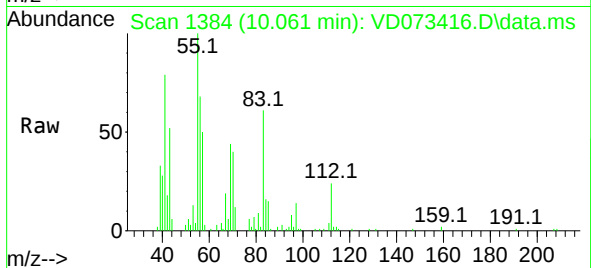




#58
2-Chloroethyl Vinyl ether
Concen: 21.776 ug/l
RT: 10.061 min Scan# 1384
Delta R.T. 0.129 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

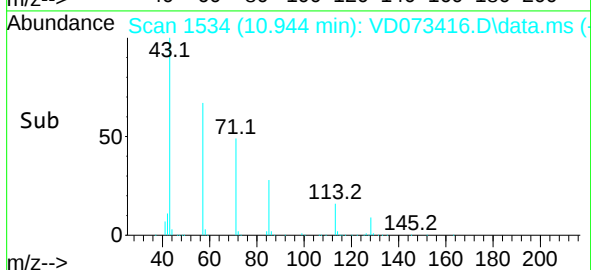
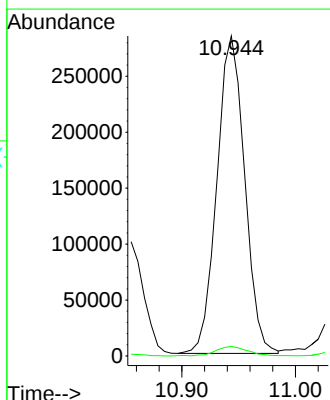
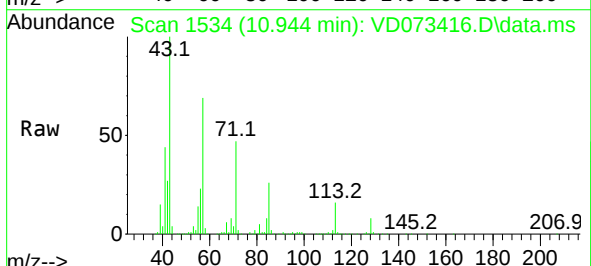
Instrument :
MSVOA_D
ClientSampleId :

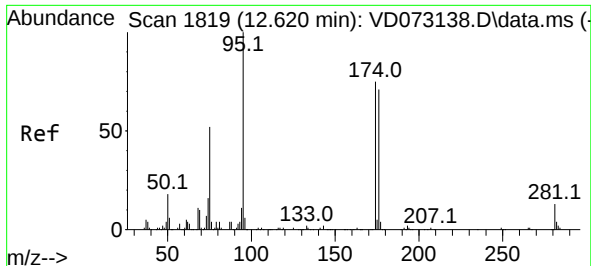
Tgt Ion: 63 Resp: 369
Ion Ratio Lower Upper
63 100
106 24.4 21.4 32.0



#59
2-Hexanone
Concen: 252.429 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

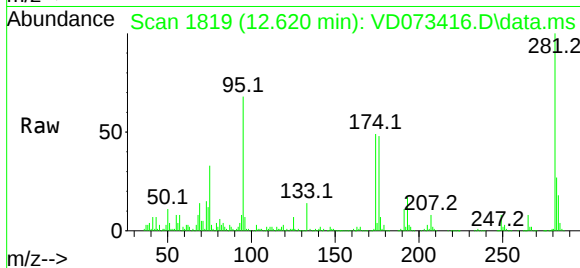
Tgt Ion: 43 Resp: 482128
Ion Ratio Lower Upper
43 100
58 3.6 25.3 75.9#



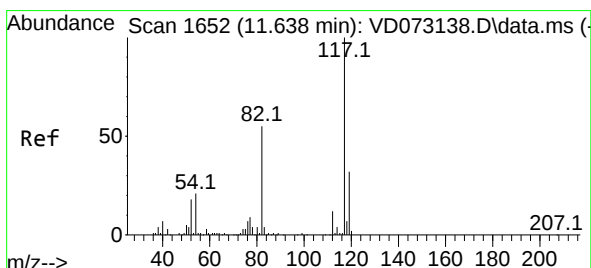
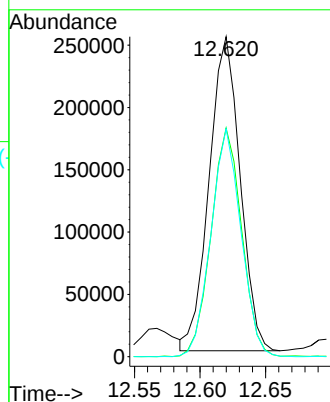
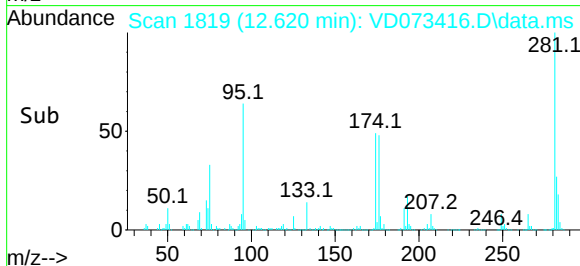


#62
4-Bromofluorobenzene
Concen: 62.935 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

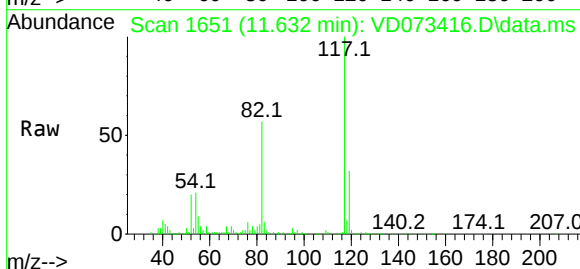
Instrument :
MSVOA_D
ClientSampleId :



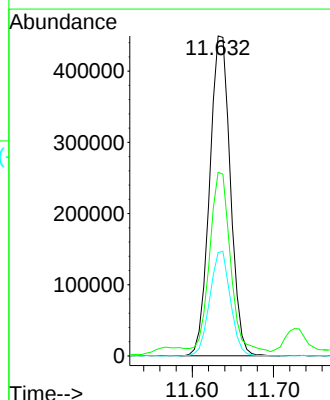
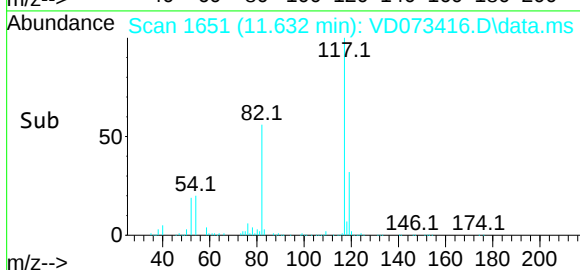
Tgt Ion: 95 Resp: 413576
Ion Ratio Lower Upper
95 100
174 72.0 0.0 152.8
176 70.5 0.0 145.4

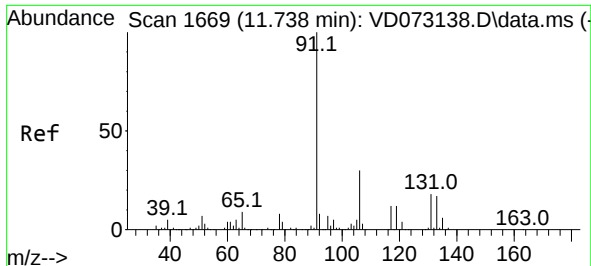


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37



Tgt Ion: 117 Resp: 795071
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.3 26.6 40.0





#67

Ethyl Benzene

Concen: 35.873 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

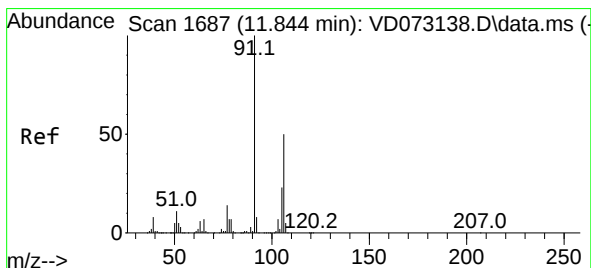
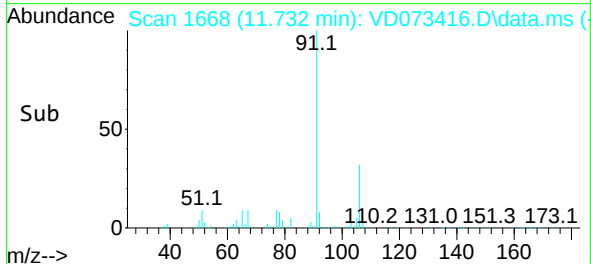
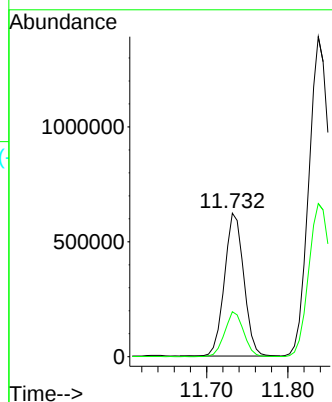
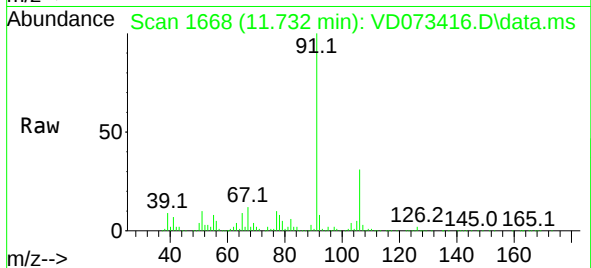
ClientSampleId :

Tgt Ion: 91 Resp: 1027139

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



#68

m/p-Xylenes

Concen: 113.002 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD073416.D

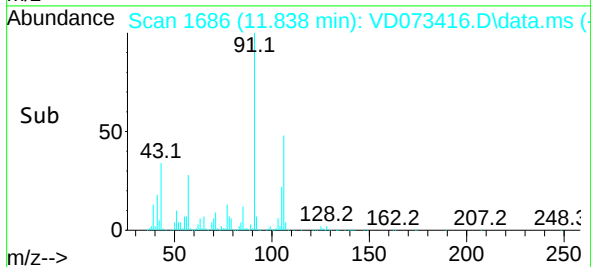
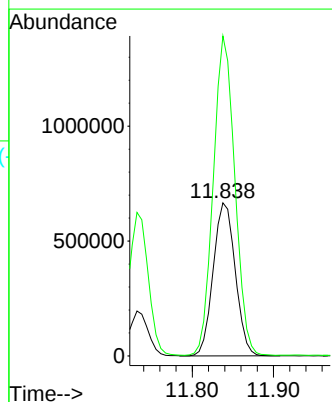
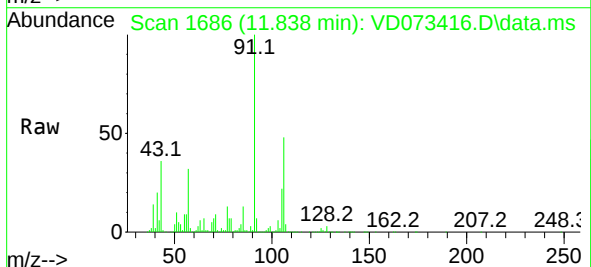
Acq: 27 May 2022 17:37

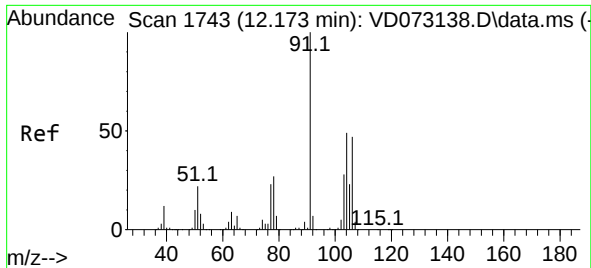
Tgt Ion:106 Resp: 1257059

Ion Ratio Lower Upper

106 100

91 203.4 163.7 245.5

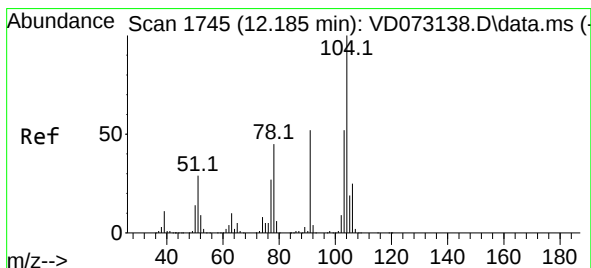
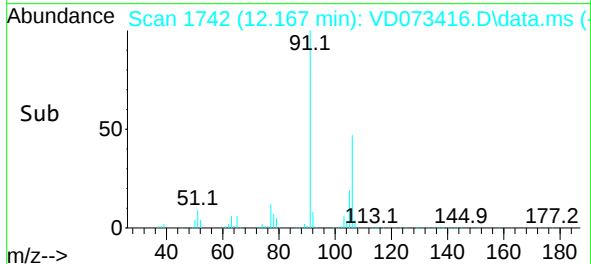
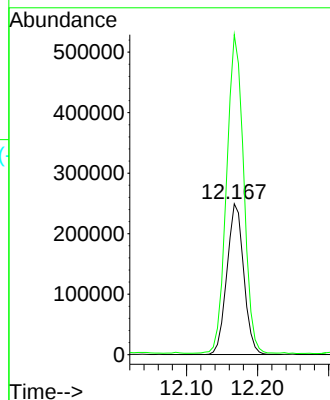
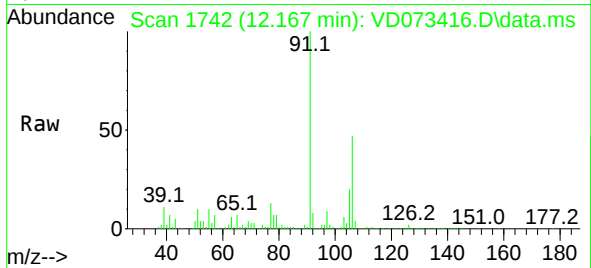




#69
o-Xylene
Concen: 40.065 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

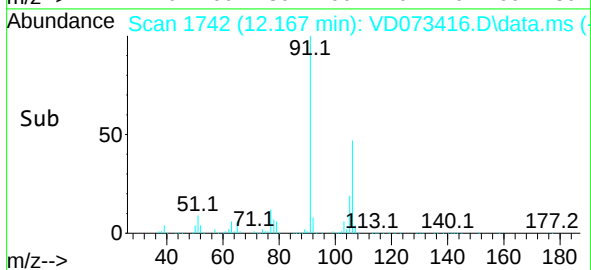
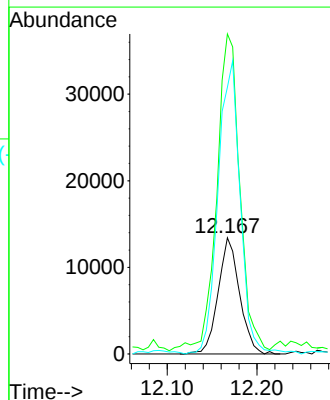
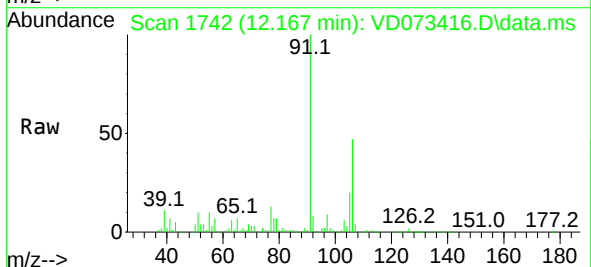
Instrument :
MSVOA_D
ClientSampleId :

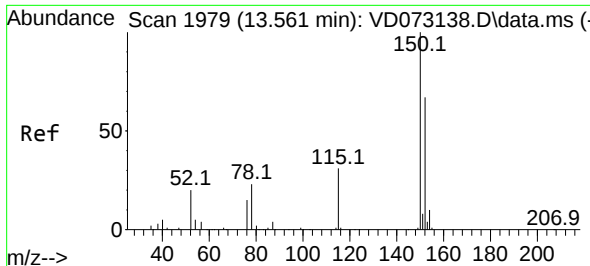
Tgt Ion:106 Resp: 409436
Ion Ratio Lower Upper
106 100
91 214.1 110.4 331.2



#70
Styrene
Concen: 1.267 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.018 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

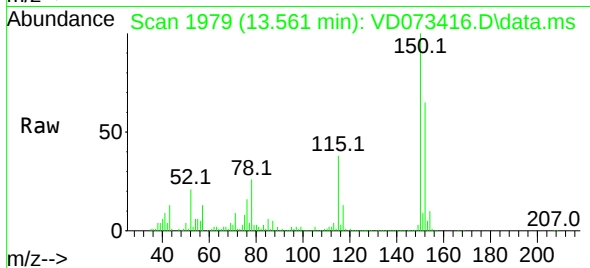
Tgt Ion:104 Resp: 22270
Ion Ratio Lower Upper
104 100
78 291.8 41.8 62.8#
103 261.7 44.2 66.4#



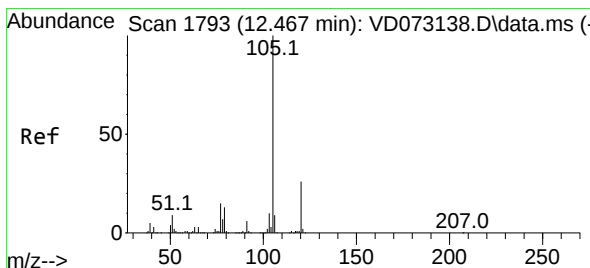
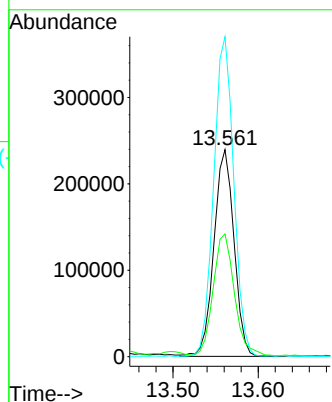
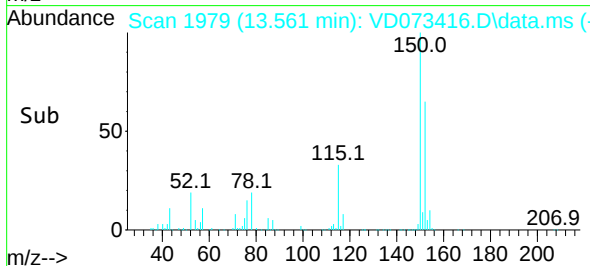


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

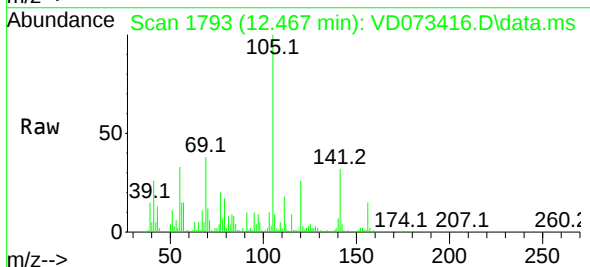
Instrument :
MSVOA_D
ClientSampleId :



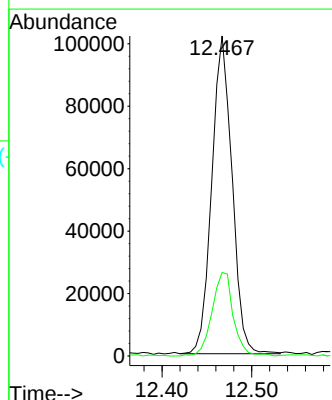
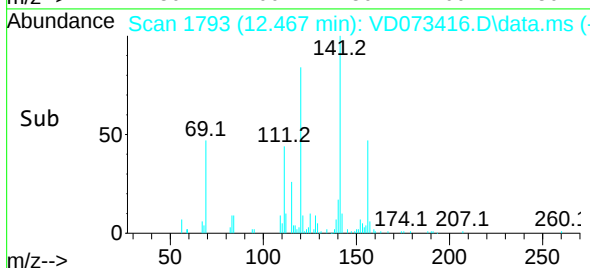
Tgt Ion:152 Resp: 391582
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 153.6 0.0 348.6

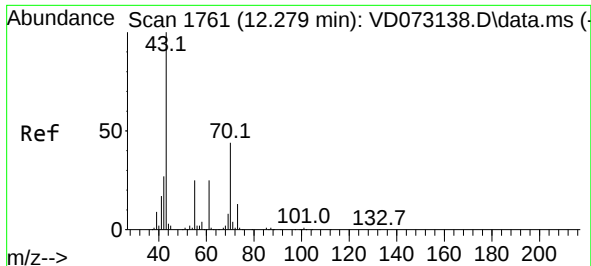


#73
Isopropylbenzene
Concen: 5.716 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37



Tgt Ion:105 Resp: 159567
Ion Ratio Lower Upper
105 100
120 27.6 13.0 38.9



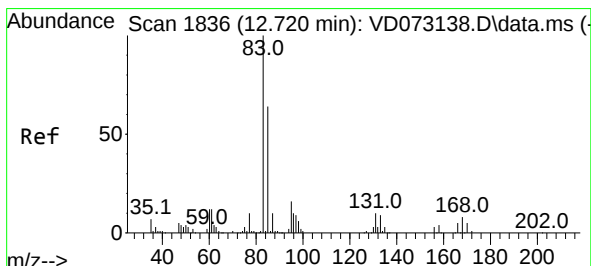
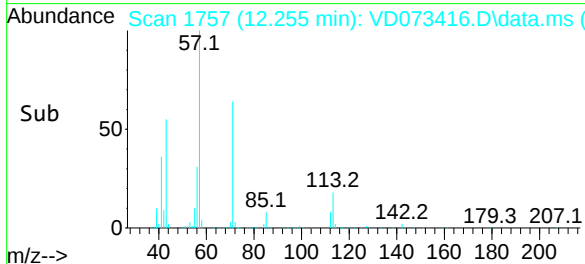
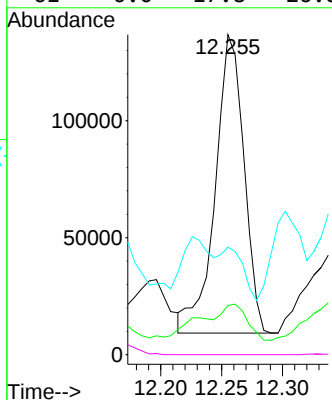
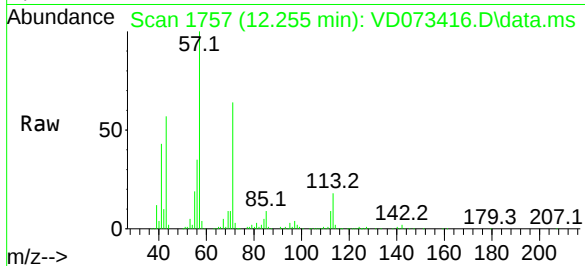


#74
N-amy1 acetate
Concen: 34.419 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.024 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 209609

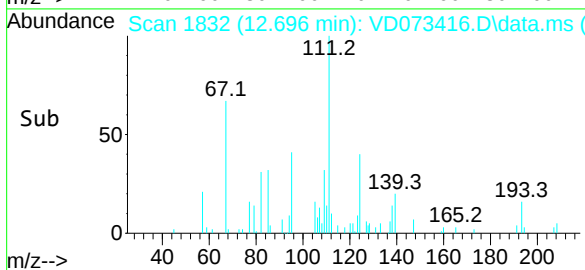
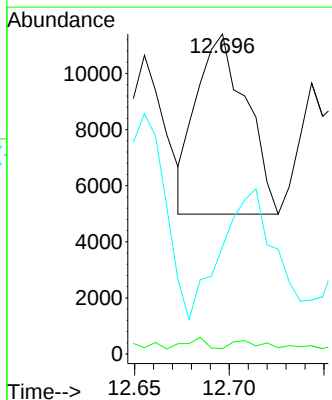
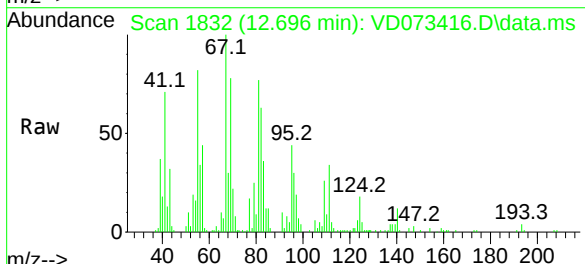
Ion	Ratio	Lower	Upper
43	100		
70	10.9	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#

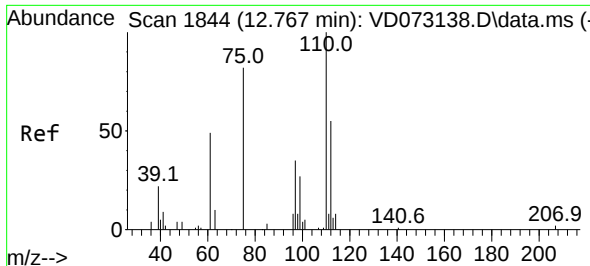


#75
1,1,2,2-Tetrachloroethane
Concen: 2.290 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.024 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 83 Resp: 11792

Ion	Ratio	Lower	Upper
83	100		
131	4.5	5.0	14.9#
85	75.9	32.6	98.0

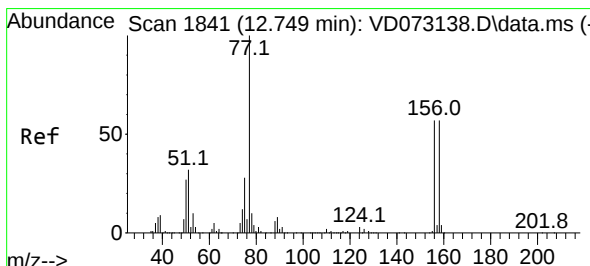
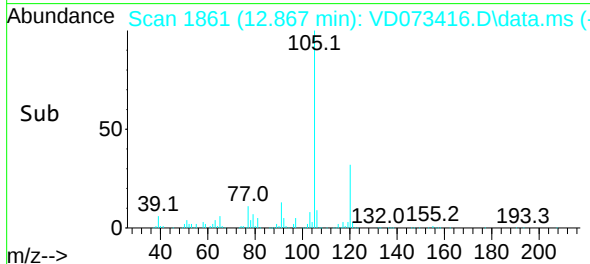
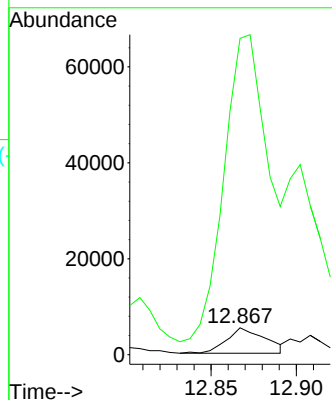
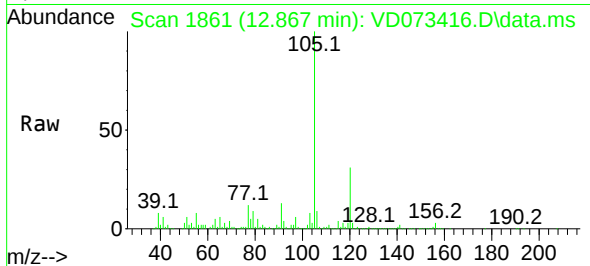




#76
1,2,3-Trichloropropane
Concen: 2.171 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. 0.100 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

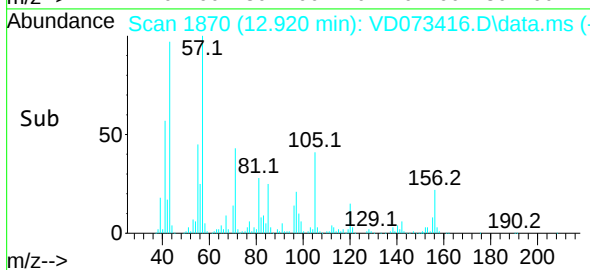
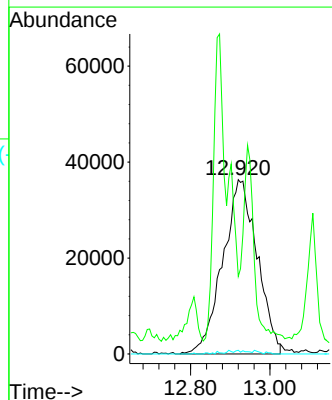
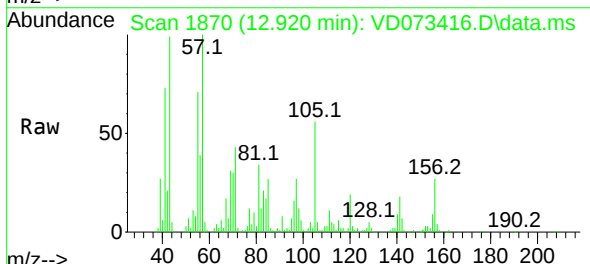
Instrument :
MSVOA_D
ClientSampleId :

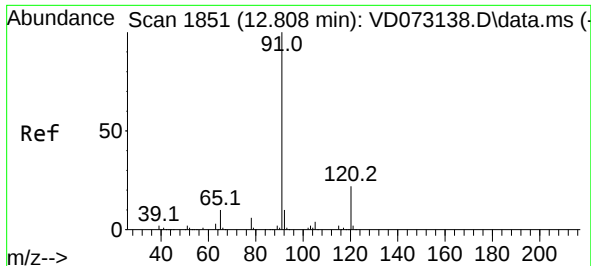
Tgt Ion: 75 Resp: 8343
Ion Ratio Lower Upper
75 100
77 1391.5 0.0 0.0#



#77
Bromobenzene
Concen: 33.353 ug/l
RT: 12.920 min Scan# 1870
Delta R.T. 0.171 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 156 Resp: 219177
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 0.1 48.7 146.1#

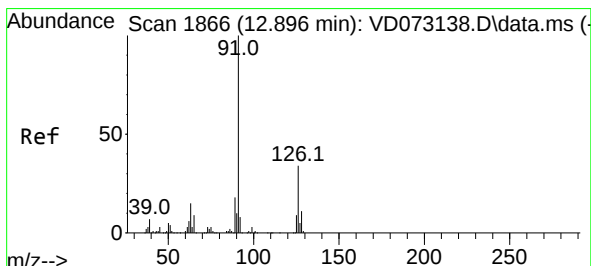
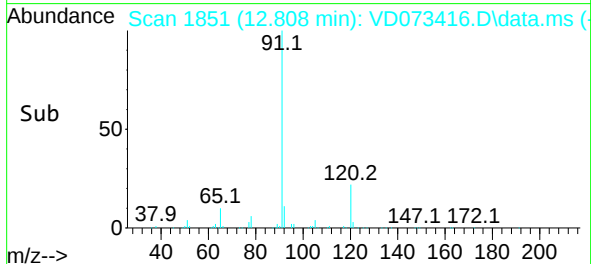
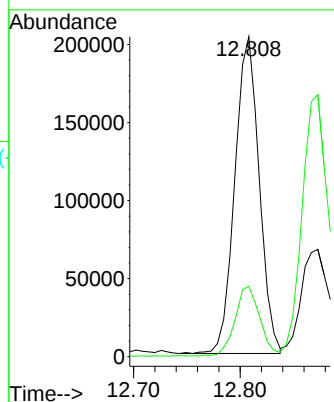
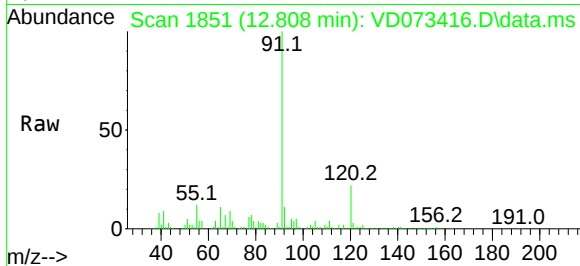




#78
n-propylbenzene
Concen: 9.211 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

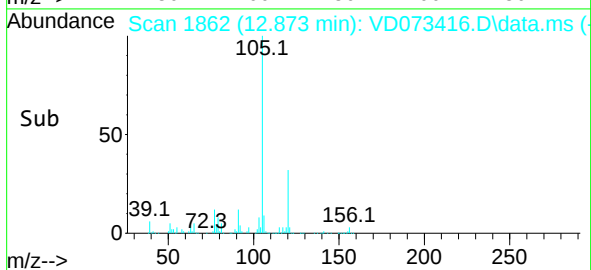
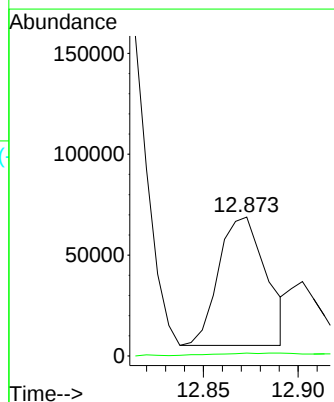
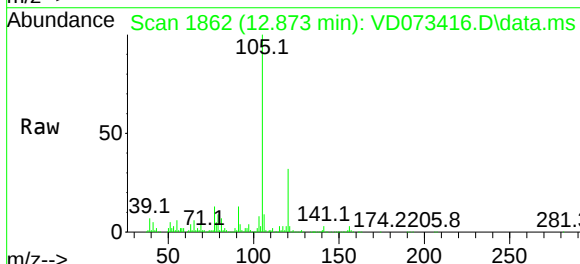
Instrument :
MSVOA_D
ClientSampleId :

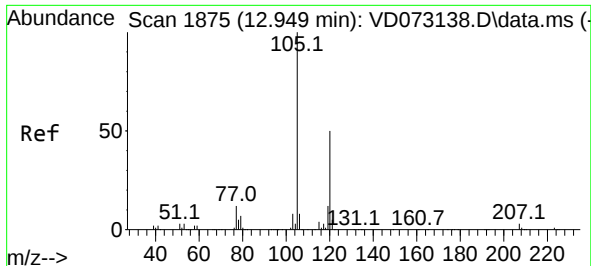
Tgt Ion: 91 Resp: 322804
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9



#79
2-Chlorotoluene
Concen: 5.490 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. -0.023 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

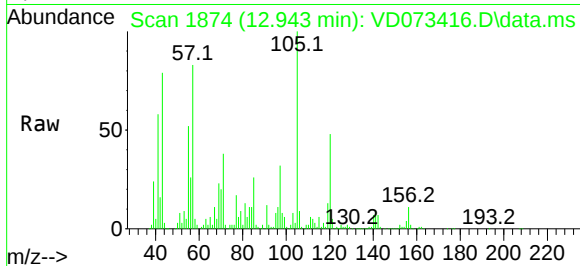
Tgt Ion: 91 Resp: 111096
Ion Ratio Lower Upper
91 100
126 3.5 16.2 48.6#



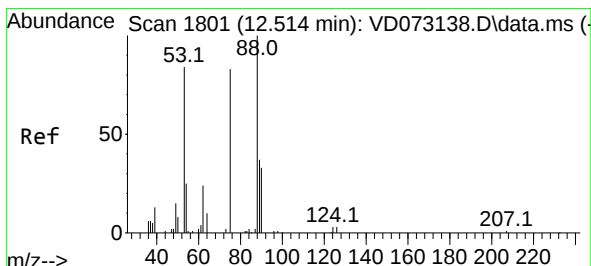
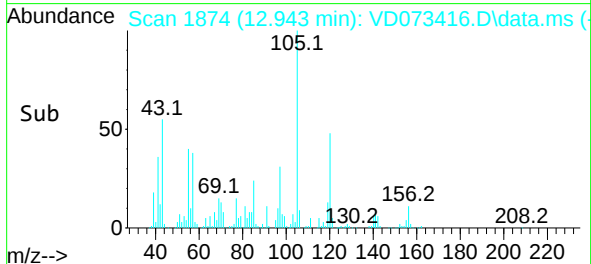
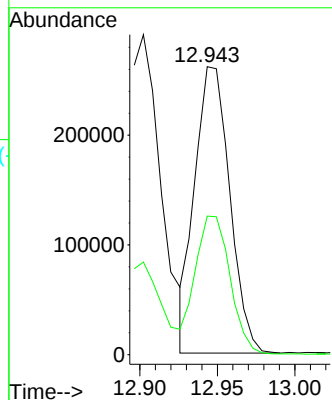


#80
 1,3,5-Trimethylbenzene
 Concen: 17.281 ug/l
 RT: 12.943 min Scan# 1795
 Delta R.T. -0.006 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

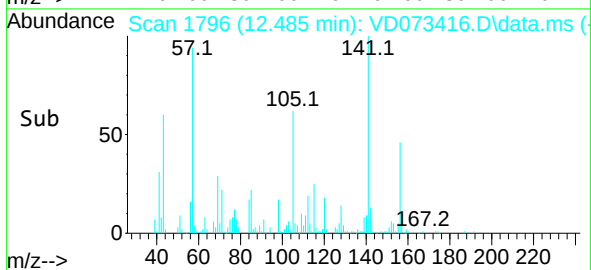
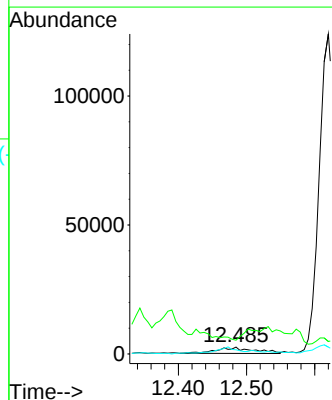
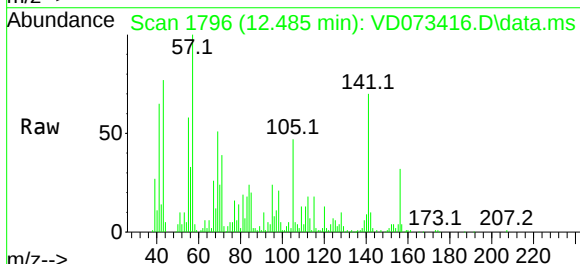


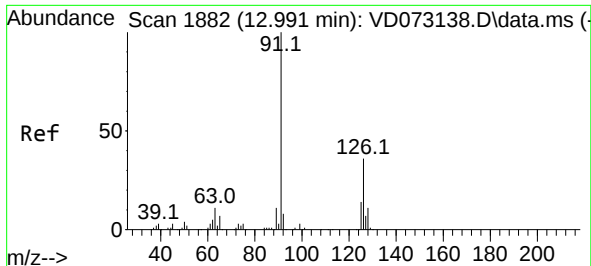
Tgt Ion:105 Resp: 408645
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.665 ug/l
 RT: 12.485 min Scan# 1796
 Delta R.T. -0.029 min
 Lab File: VD073416.D
 Acq: 27 May 2022 17:37

Tgt Ion: 75 Resp: 9067
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 71.2 33.9 50.9#

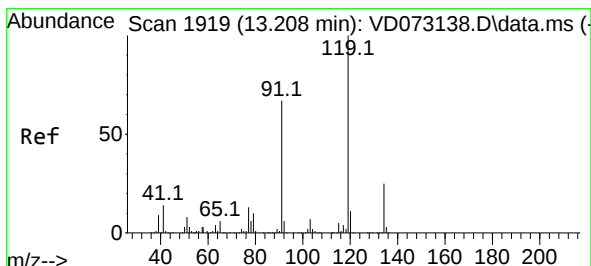
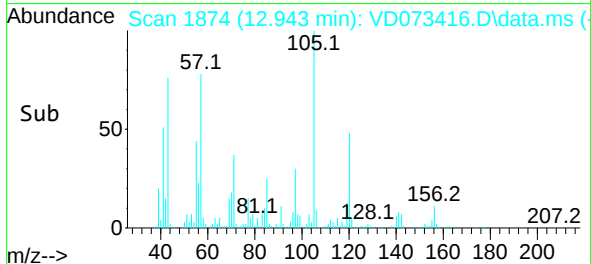
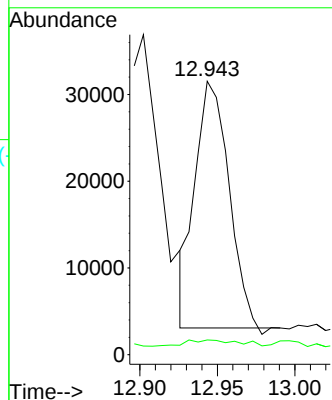
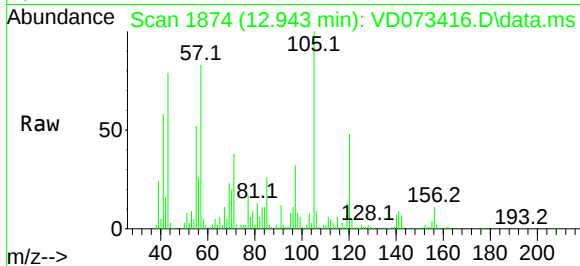




#82
4-Chlorotoluene
Concen: 2.037 ug/l
RT: 12.943 min Scan# 11
Delta R.T. -0.048 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

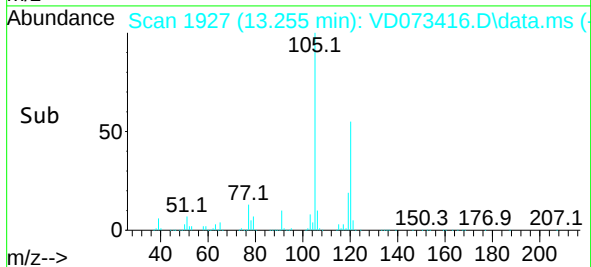
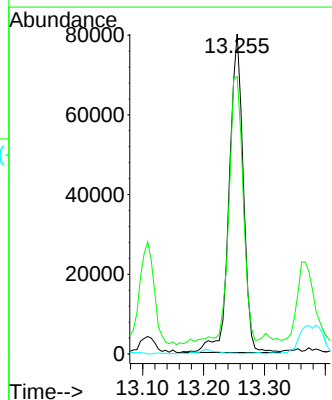
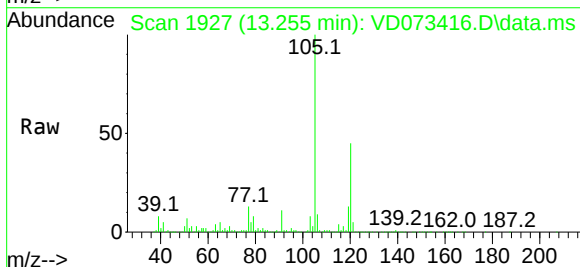
Instrument :
MSVOA_D
ClientSampleId :

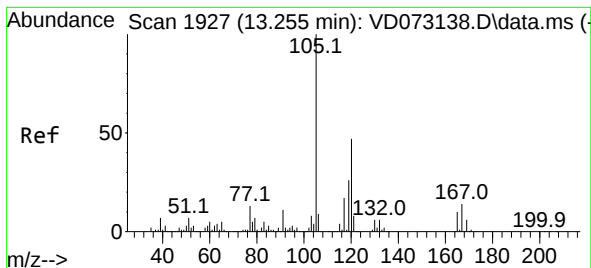
Tgt Ion: 91 Resp: 43206
Ion Ratio Lower Upper
91 100
126 11.4 16.5 49.5#



#83
tert-Butylbenzene
Concen: 6.485 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.047 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 119 Resp: 129240
Ion Ratio Lower Upper
119 100
91 88.1 34.8 104.5
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 43.064 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073416.D

Acq: 27 May 2022 17:37

Instrument :

MSVOA_D

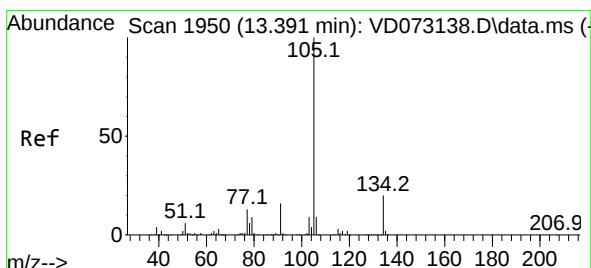
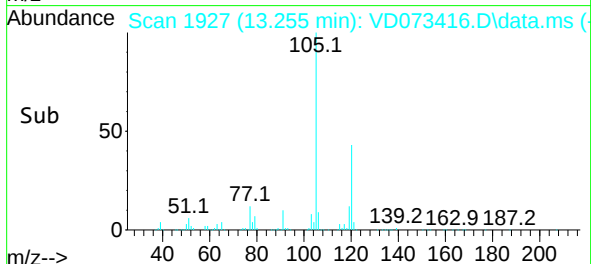
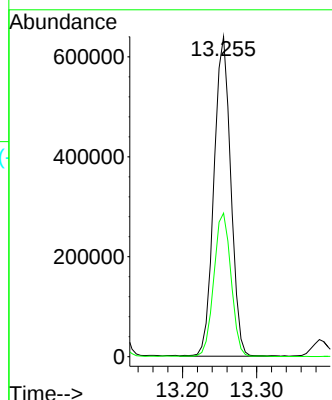
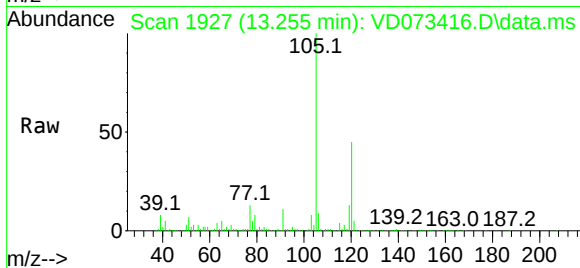
ClientSampleId :

Tgt Ion:105 Resp: 1006019

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8



#85

sec-Butylbenzene

Concen: 1.652 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073416.D

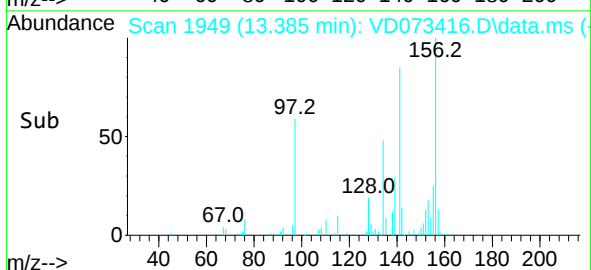
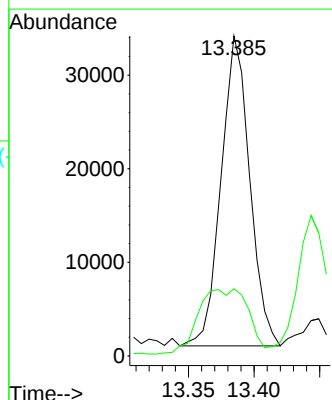
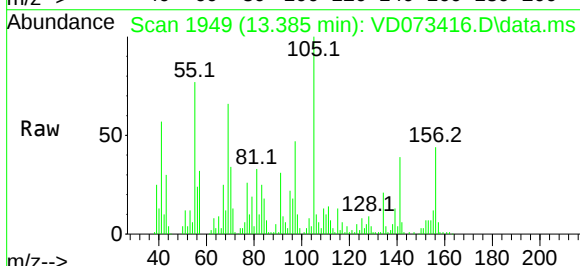
Acq: 27 May 2022 17:37

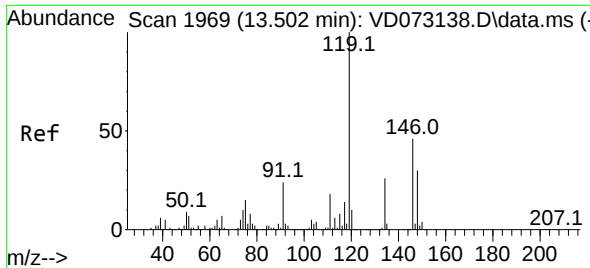
Tgt Ion:105 Resp: 50285

Ion Ratio Lower Upper

105 100

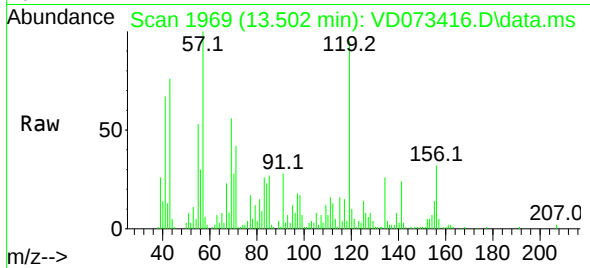
134 37.2 9.8 29.3#



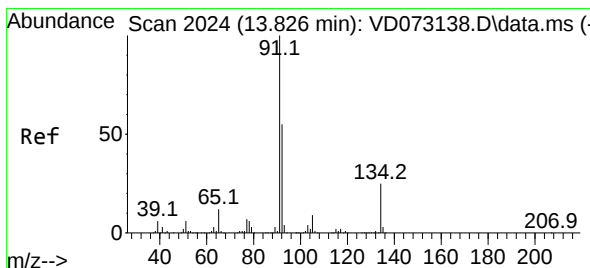
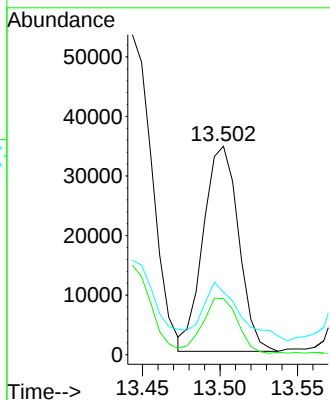
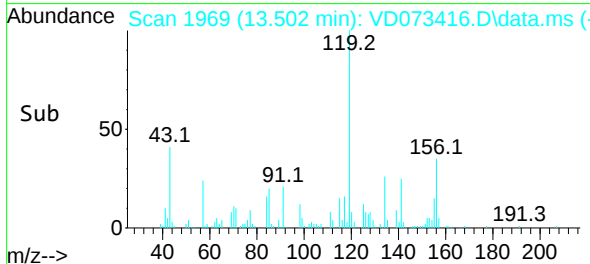


#86
p-Isopropyltoluene
Concen: 2.204 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :

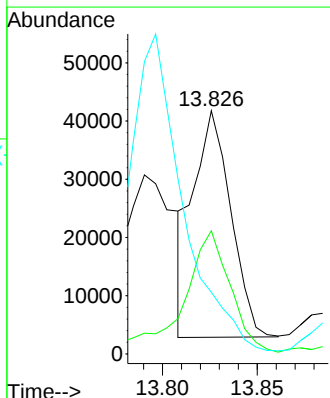
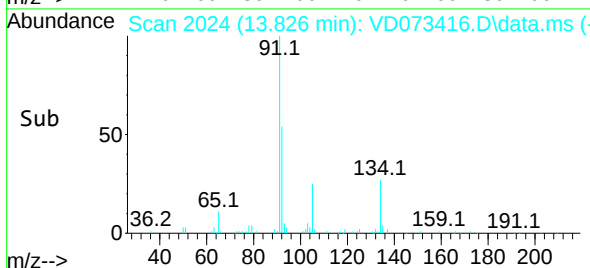
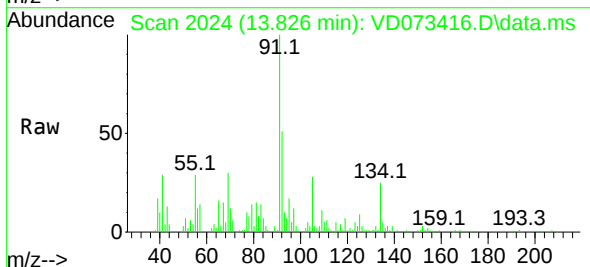


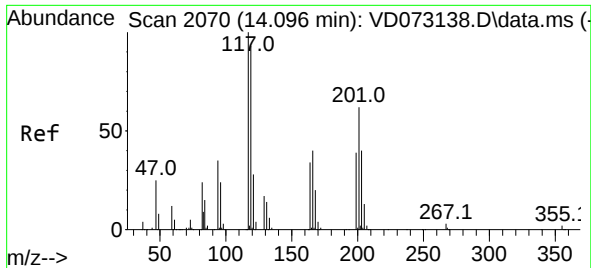
Tgt Ion:119 Resp: 54672
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.6
91 28.8 12.1 36.3



#89
n-Butylbenzene
Concen: 2.264 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion: 91 Resp: 53503
Ion Ratio Lower Upper
91 100
92 65.6 26.6 79.8
134 0.0 12.3 36.9#

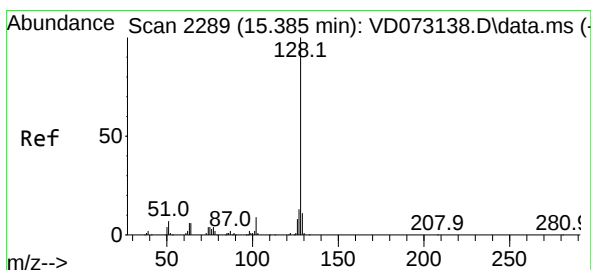
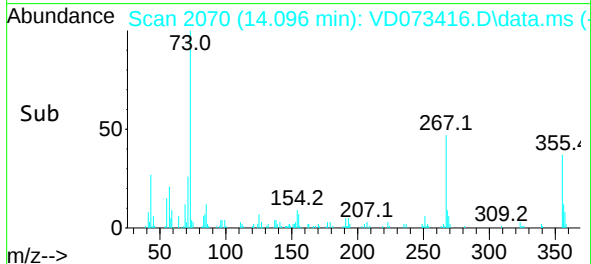
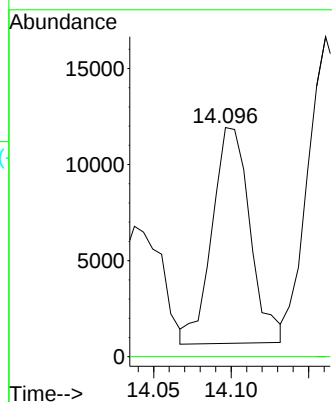
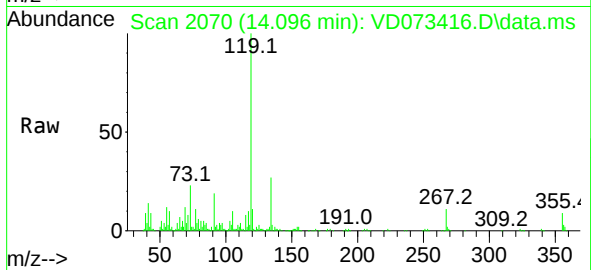




#90
Hexachloroethane
Concen: 3.728 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 19133
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#95
Naphthalene
Concen: 23.296 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073416.D
Acq: 27 May 2022 17:37

Tgt Ion:128 Resp: 272434
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.9 8.4 12.6

