

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073289.D
 Acq On : 23 May 2022 18:12
 Operator : VA/SY
 Sample : N2965-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16972

Quant Time: May 24 03:28:16 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	310331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	531037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	462322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	158697	46.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.909	113	168844	48.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.332	98	604705	46.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.620	95	184516	40.704	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.400%

Target Compounds			Qvalue			
5) Bromomethane	2.756	94	70	Below Cal	#	1
11) Tert butyl alcohol	5.221	59	120944	227.295	ug/l	100
13) Acrolein	3.909	56	867	Below Cal	#	14
15) Acrylonitrile	5.420	53	4554	6.393	ug/l	# 63
16) Acetone	4.150	43	17078947	28750.435	ug/l	# 86
17) Carbon Disulfide	4.397	76	11587	1.121	ug/l	96
18) Methyl Acetate	4.715	43	7138	4.321	ug/l	# 85
25) 2-Butanone	7.203	43	199289	229.304	ug/l	95
29) Tetrahydrofuran	7.544	42	1326	2.360	ug/l	# 67
31) Cyclohexane	7.956	56	645648	107.728	ug/l	# 52
36) 1,1-Dichloropropene	7.967	75	26755	5.077	ug/l	# 50
37) Ethyl Acetate	7.203	43	199289	95.735	ug/l	# 72
38) Carbon Tetrachloride	7.973	117	32729	6.126	ug/l	# 16
39) Methylcyclohexane	9.350	83	594222	101.173	ug/l	96
40) Benzene	8.344	78	29915	1.970	ug/l	97
41) Methacrylonitrile	7.532	41	4768	3.931	ug/l	# 37
43) Isopropyl Acetate	8.444	43	330083	85.787	ug/l	# 54
45) 1,2-Dichloropropane	9.350	63	7743	2.024	ug/l	# 1
47) Bromodichloromethane	9.520	83	8386	1.560	ug/l	# 24
48) Methyl methacrylate	9.414	41	44697	23.089	ug/l	# 48
51) 4-Methyl-2-Pentanone	10.220	43	88738	44.404	ug/l	92
52) Toluene	10.397	92	11064577	1152.800	ug/l	85
53) t-1,3-Dichloropropene	10.397	75	137092	28.230	ug/l	# 1
55) 1,1,2-Trichloroethane	10.773	97	9799	3.449	ug/l	# 27
56) Ethyl methacrylate	10.626	69	4779	1.513	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.956	63	122	21.695	ug/l	# 48
59) 2-Hexanone	10.973	43	45394	34.454	ug/l	93
67) Ethyl Benzene	11.732	91	145933	8.765	ug/l	99
68) m/p-Xylenes	11.838	106	247687	38.291	ug/l	97
69) o-Xylene	12.167	106	121977	20.527	ug/l	97
73) Isopropylbenzene	12.467	105	38169	4.708	ug/l	98
74) N-amyl acetate	12.255	43	95442	53.959	ug/l	# 68
75) 1,1,2,2-Tetrachloroethane	12.655	83	8611	5.758	ug/l	# 43
76) 1,2,3-Trichloropropane	12.873	75	4001	3.585	ug/l	# 100
78) n-propylbenzene	12.808	91	160634	15.781	ug/l	98
79) 2-Chlorotoluene	12.873	91	52651	8.958	ug/l	# 46

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

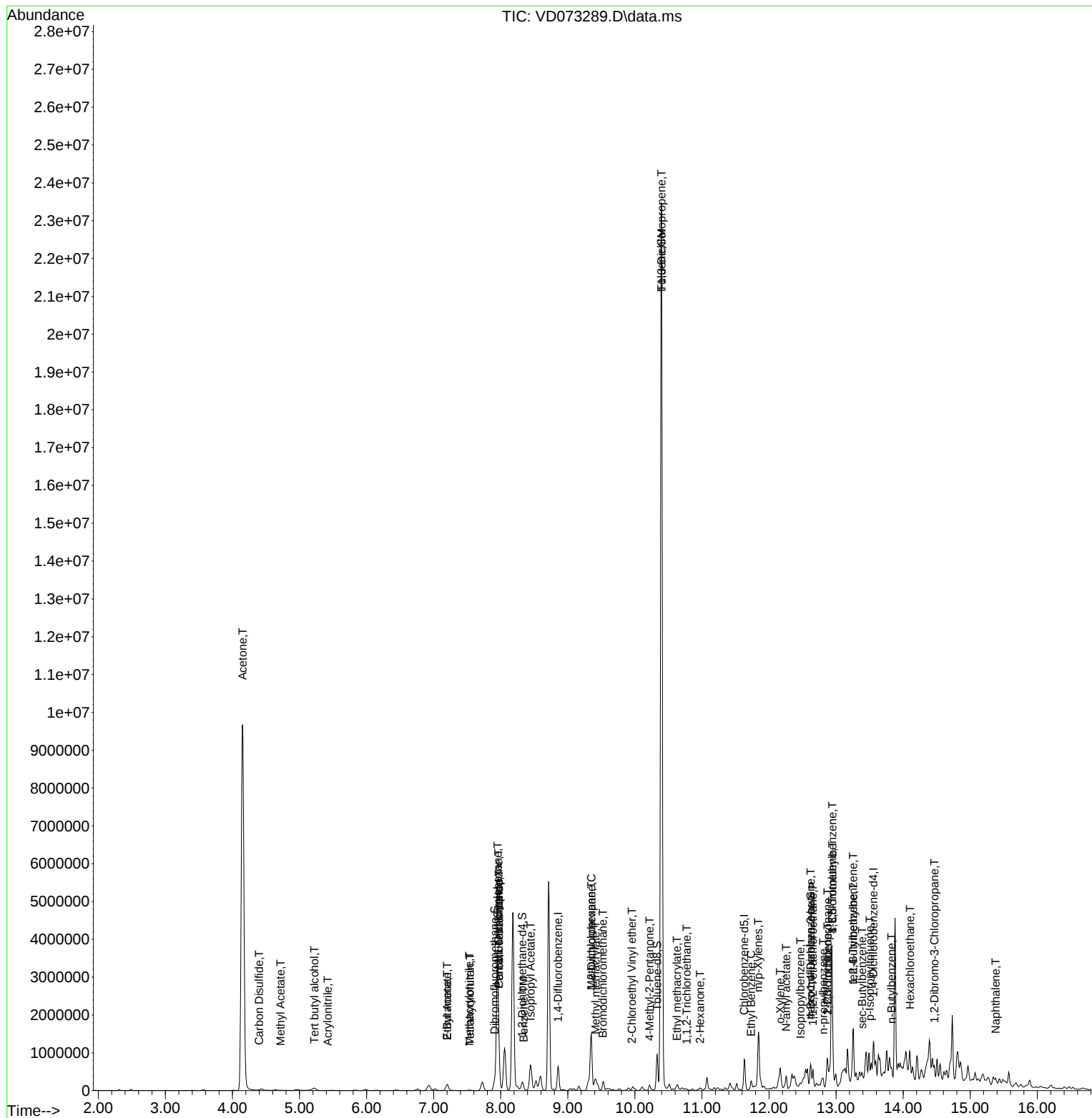
80) 1,3,5-Trimethylbenzene	12.944	105	225158	32.782	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.620	75	91478	196.797	ug/l #	8
82) 4-Chlorotoluene	12.944	91	24943	4.049	ug/l #	53
83) tert-Butylbenzene	13.255	119	96438	16.660	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.255	105	811326	119.573	ug/l	99
85) sec-Butylbenzene	13.391	105	87523	9.902	ug/l	83
86) p-Isopropyltoluene	13.502	119	55013	7.635	ug/l	99
89) n-Butylbenzene	13.826	91	201306	29.324	ug/l #	72
90) Hexachloroethane	14.102	117	25692	17.233	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.467	75	1320	5.764	ug/l #	6
95) Naphthalene	15.379	128	127213	35.300	ug/l	96

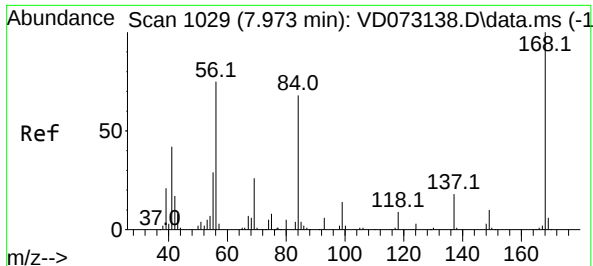
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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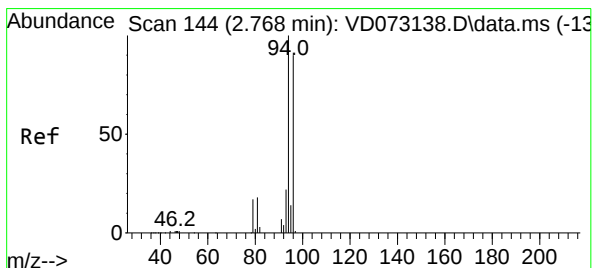
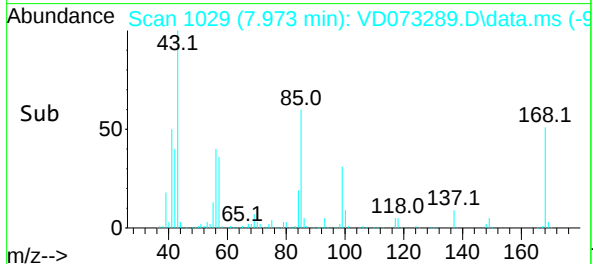
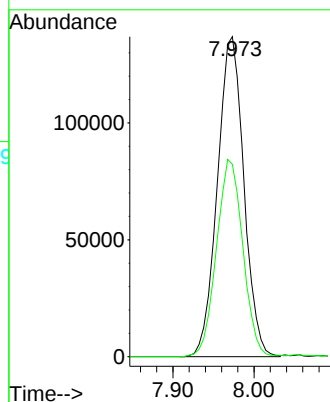
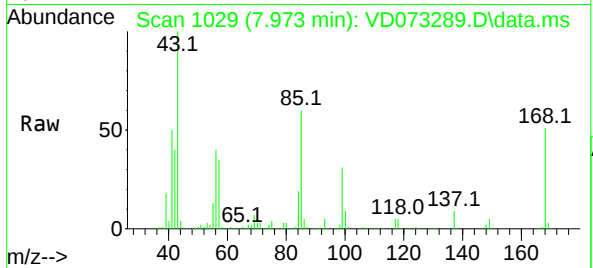




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

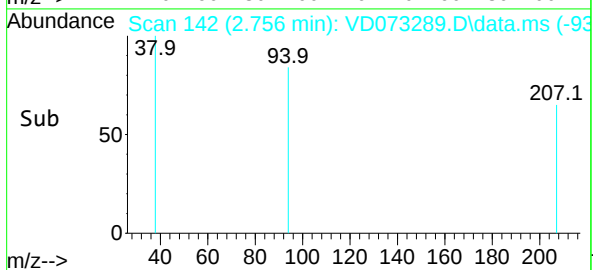
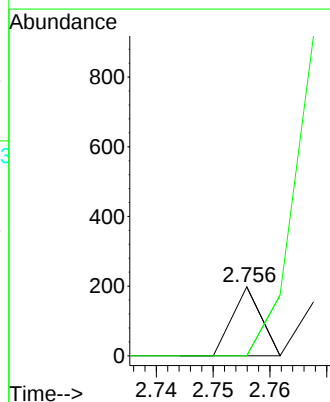
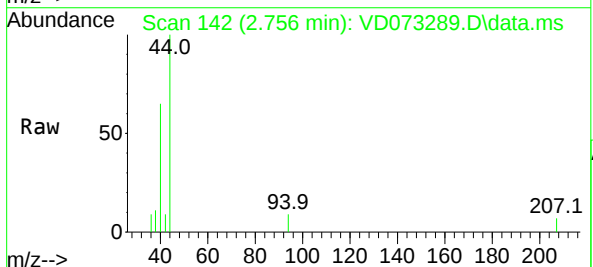
Instrument :
MSVOA_D
ClientSampleId :
16972

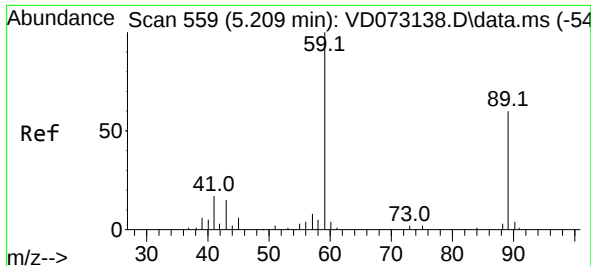
Tgt Ion:168 Resp: 310331
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 227.295 ug/l

RT: 5.221 min Scan# 5

Delta R.T. 0.012 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

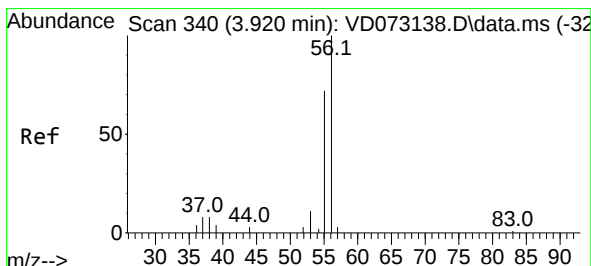
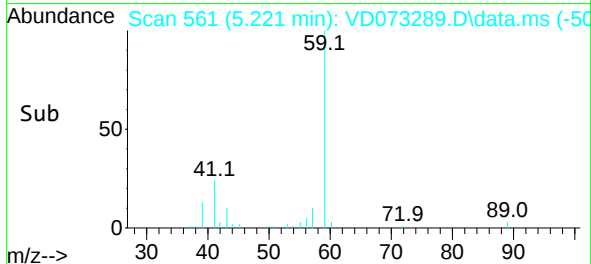
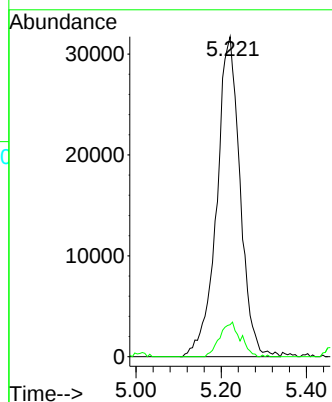
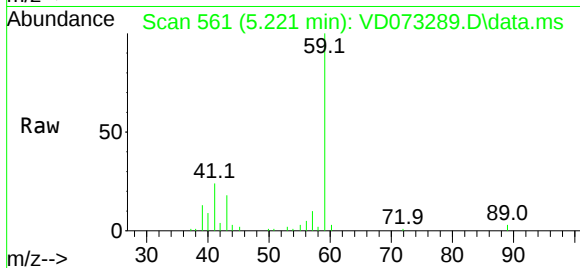
16972

Tgt Ion: 59 Resp: 120944

Ion Ratio Lower Upper

59 100

57 9.6 7.8 11.6



#13

Acrolein

Concen: Below Cal

RT: 3.909 min Scan# 338

Delta R.T. -0.011 min

Lab File: VD073289.D

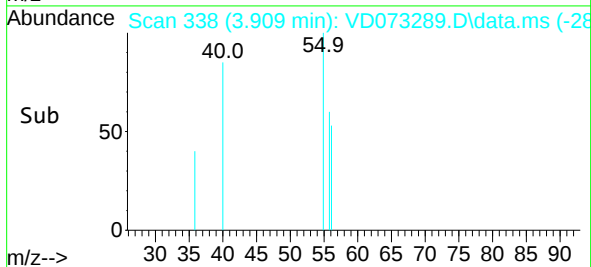
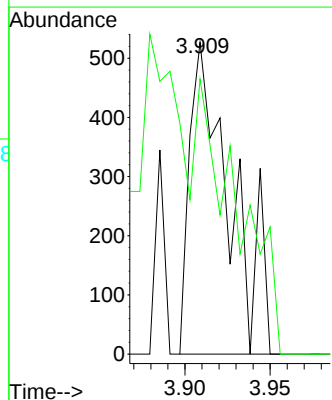
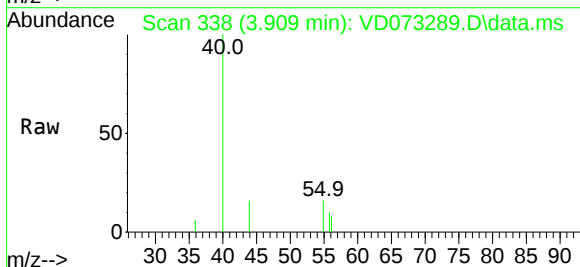
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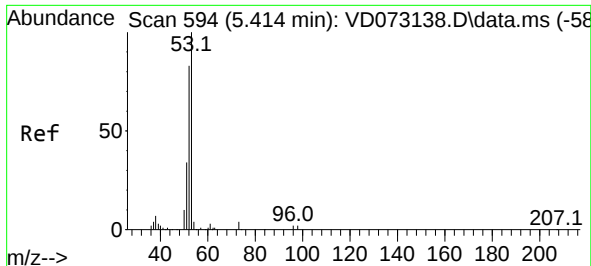
Tgt Ion: 56 Resp: 867

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

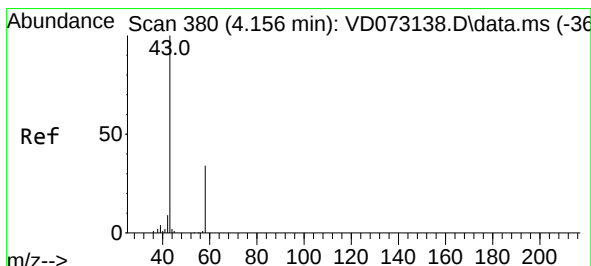
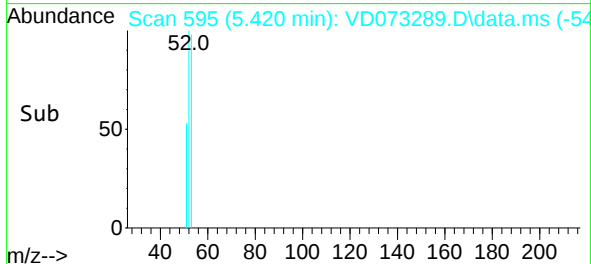
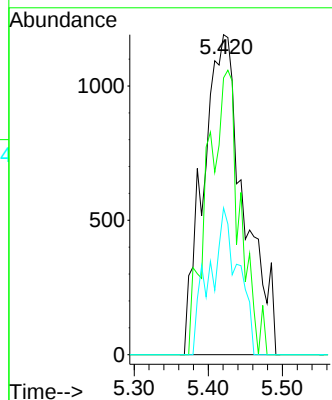
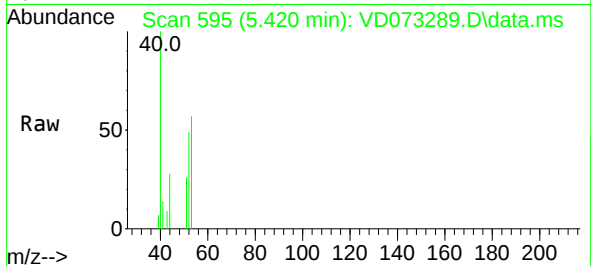




#15
Acrylonitrile
Concen: 6.393 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

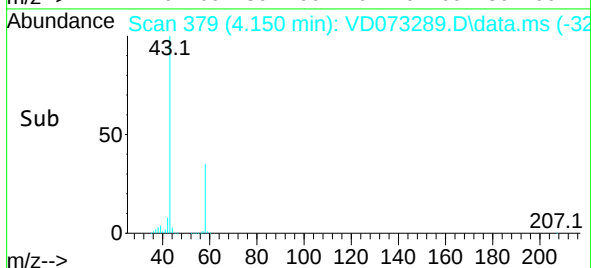
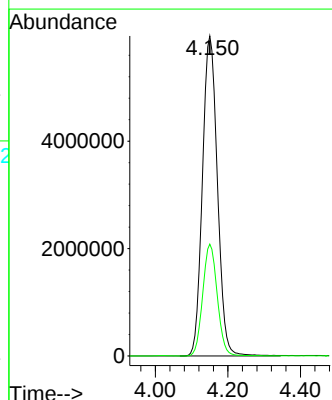
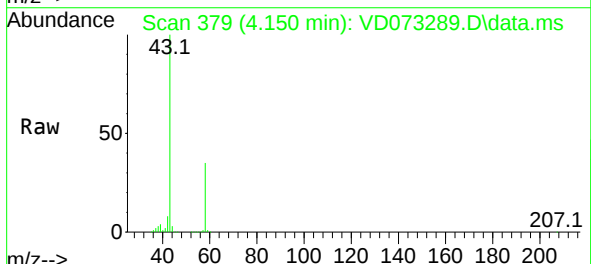
Instrument :
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ClientSampleId :
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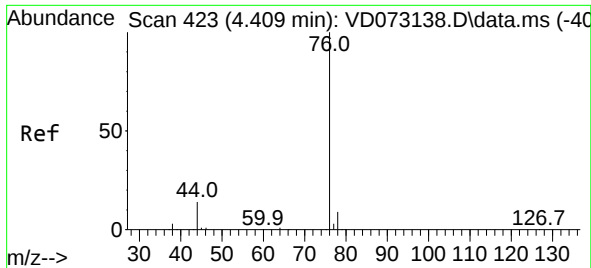
Tgt Ion: 53 Resp: 4554
Ion Ratio Lower Upper
53 100
52 45.7 67.2 100.8#
51 22.0 30.3 45.5#



#16
Acetone
Concen: 28750.435 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 43 Resp:17078947
Ion Ratio Lower Upper
43 100
58 35.0 22.1 33.1#

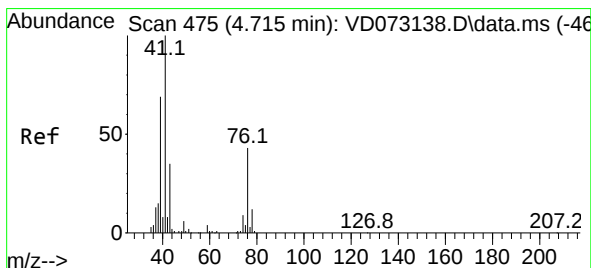
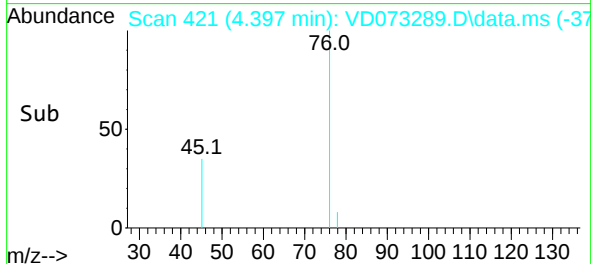
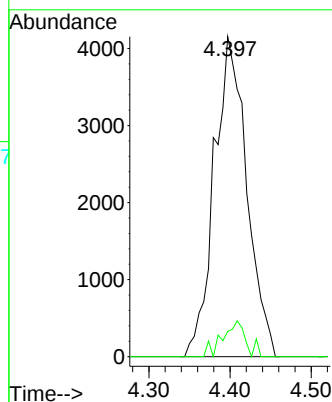
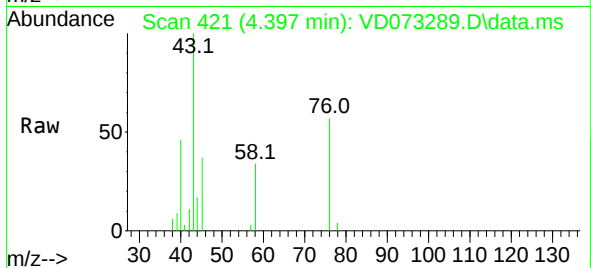




#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

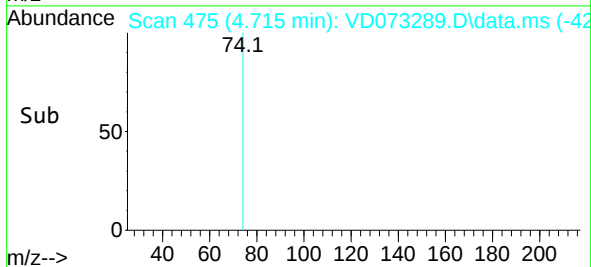
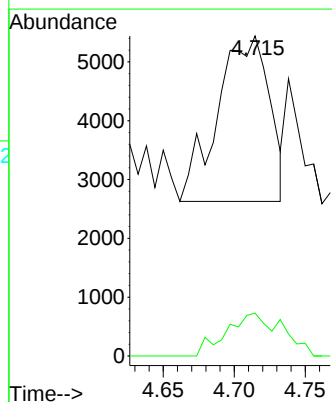
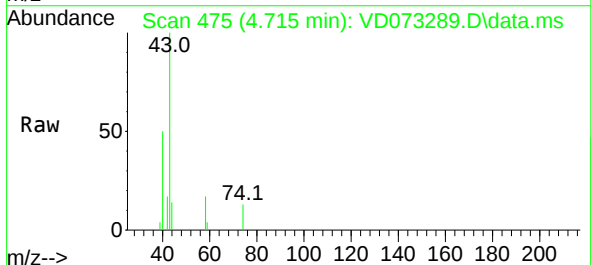
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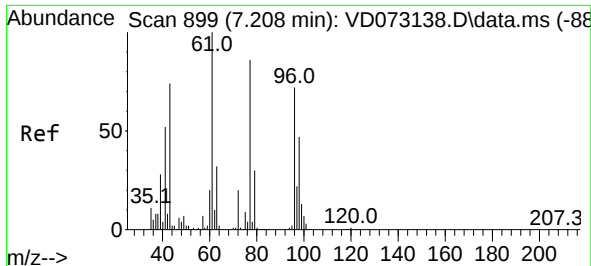
Tgt Ion: 76 Resp: 11587
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#18
Methyl Acetate
Concen: 4.321 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 43 Resp: 7138
Ion Ratio Lower Upper
43 100
74 27.9 16.7 25.1#

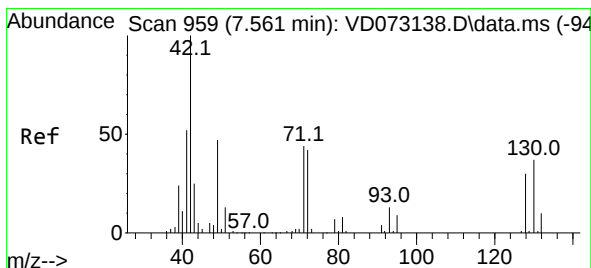
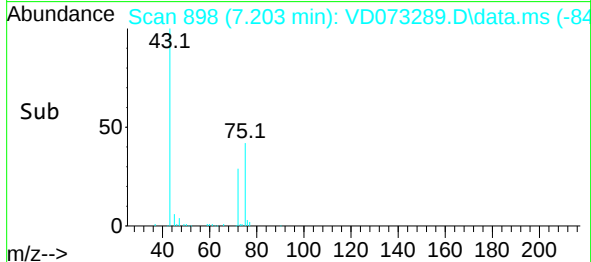
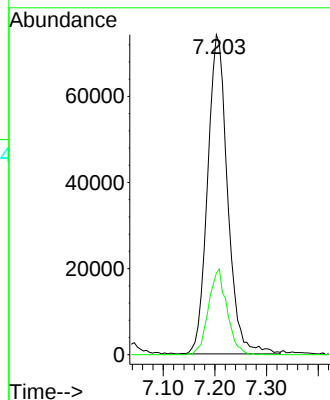
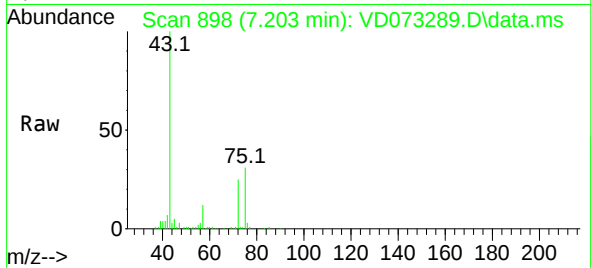




#25
2-Butanone
Concen: 229.304 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

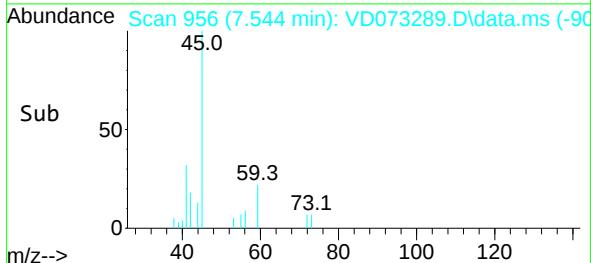
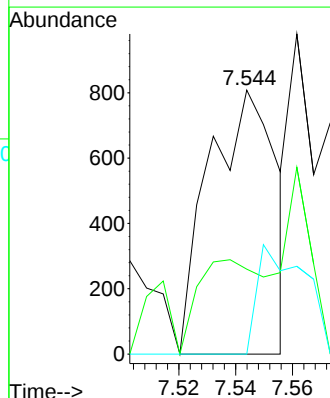
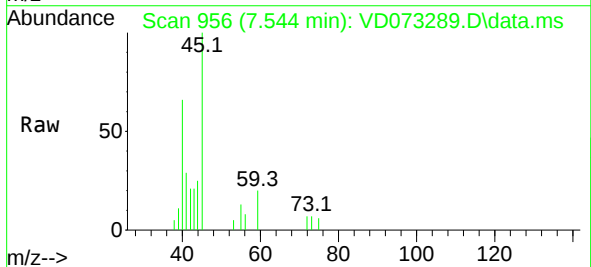
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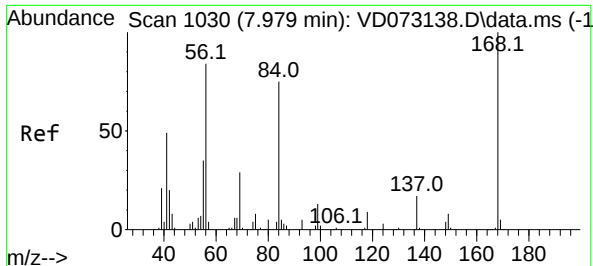
Tgt Ion: 43 Resp: 199289
Ion Ratio Lower Upper
43 100
72 25.5 18.6 27.8



#29
Tetrahydrofuran
Concen: 2.360 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.017 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

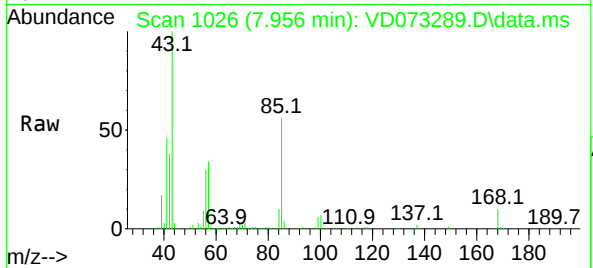
Tgt Ion: 42 Resp: 1326
Ion Ratio Lower Upper
42 100
72 33.9 30.7 46.1
71 0.0 28.6 43.0#



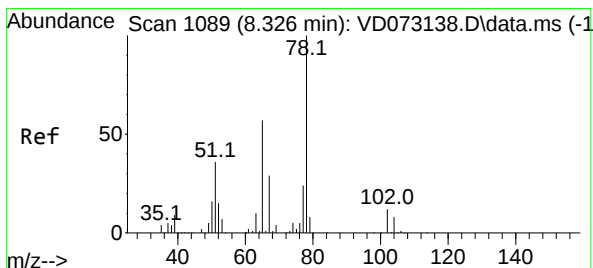
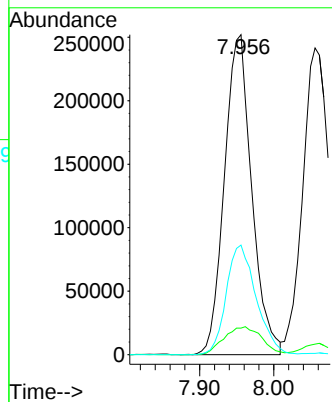
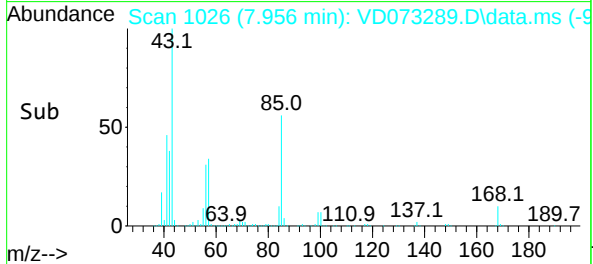


#31
Cyclohexane
Concen: 107.728 ug/l
RT: 7.956 min Scan# 1026
Delta R.T. -0.023 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

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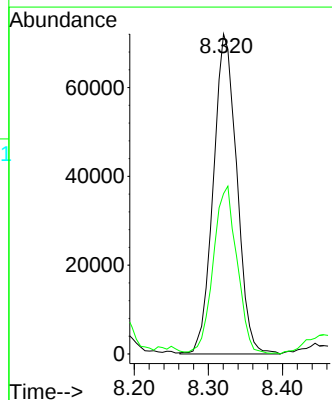
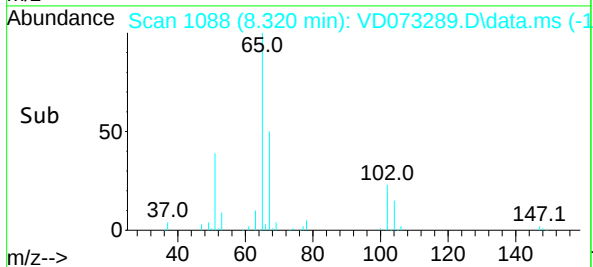
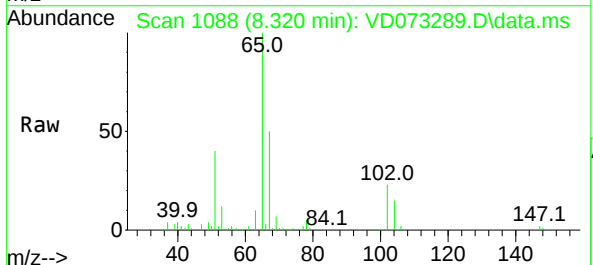


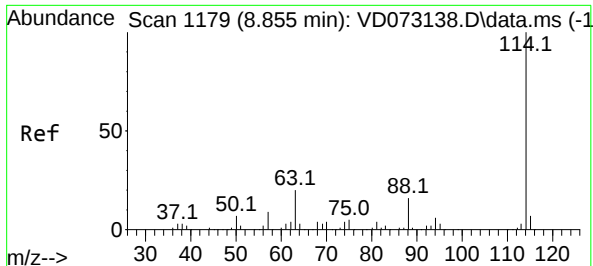
Tgt Ion: 56 Resp: 645648
Ion Ratio Lower Upper
56 100
69 8.3 25.4 38.2#
84 34.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.273 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 65 Resp: 158697
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

16972

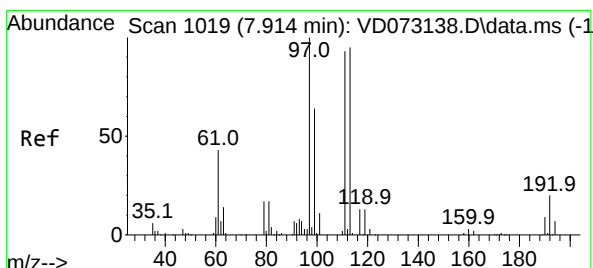
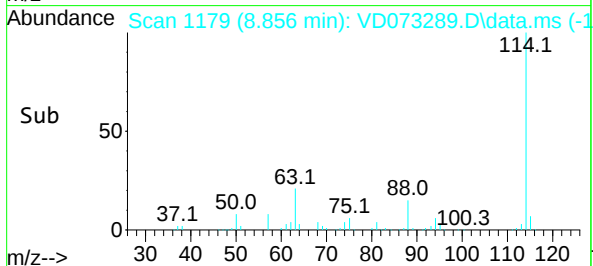
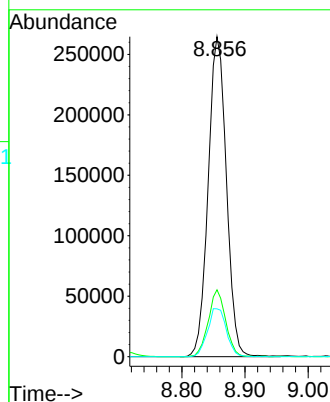
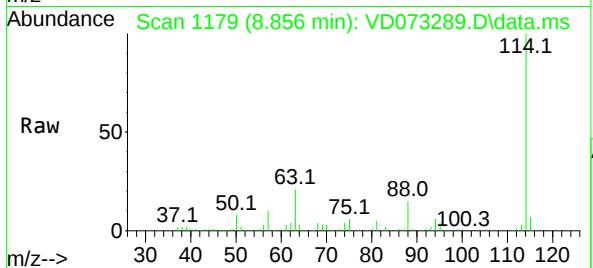
Tgt Ion:114 Resp: 531037

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.184 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

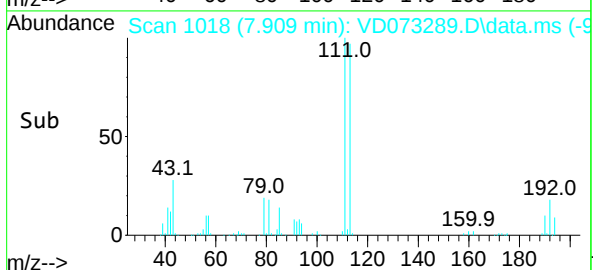
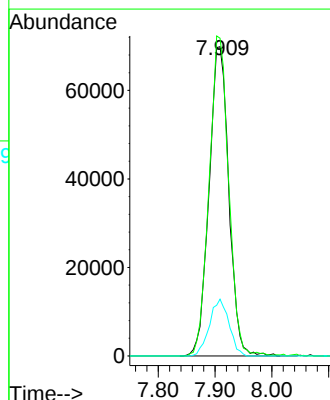
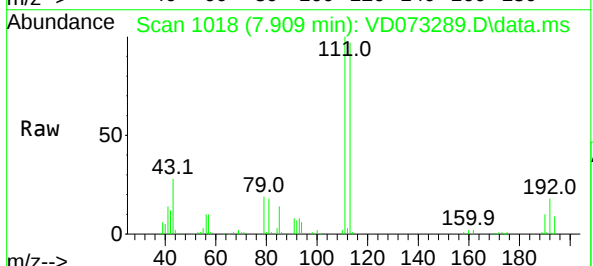
Tgt Ion:113 Resp: 168844

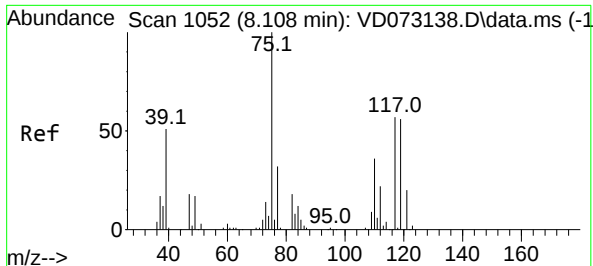
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.077 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

16972

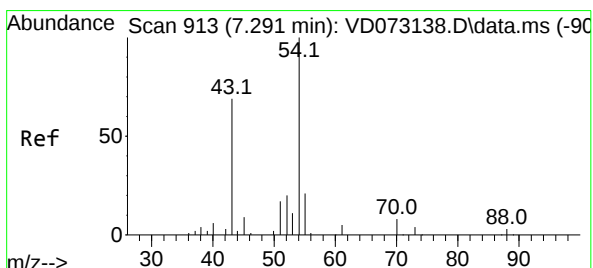
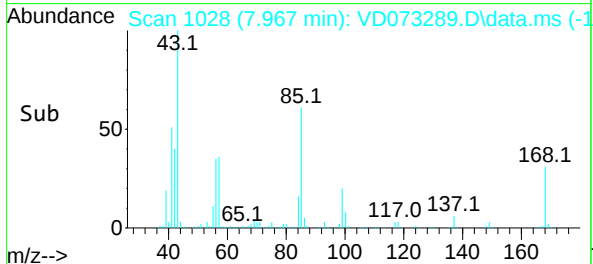
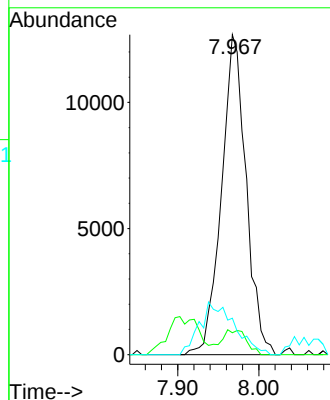
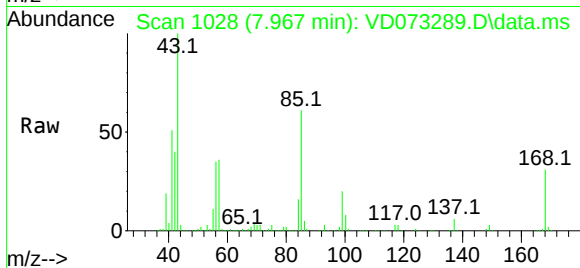
Tgt Ion: 75 Resp: 26755

Ion Ratio Lower Upper

75 100

110 7.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 95.735 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.088 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

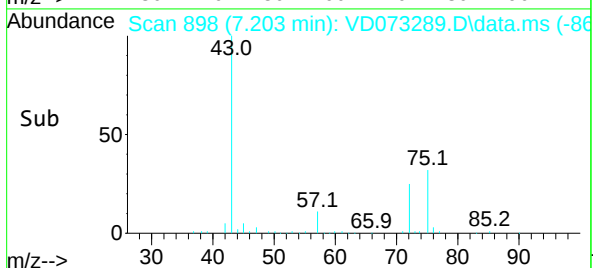
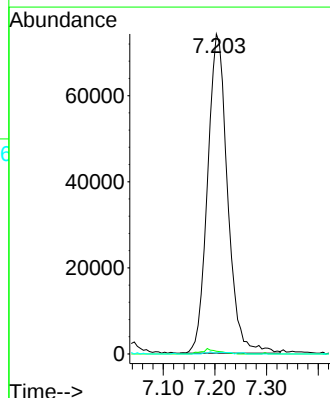
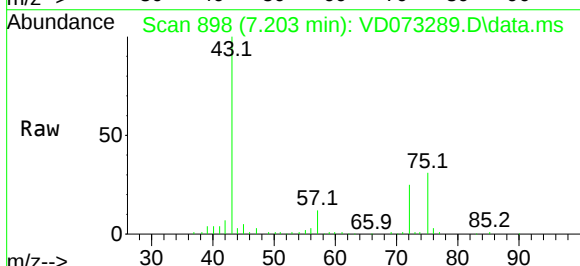
Tgt Ion: 43 Resp: 199289

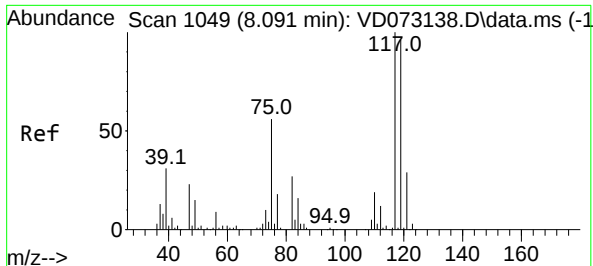
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

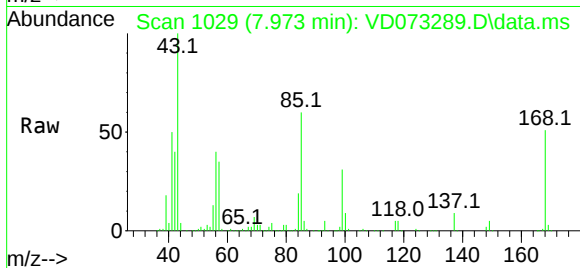
70 0.3 6.9 10.3#



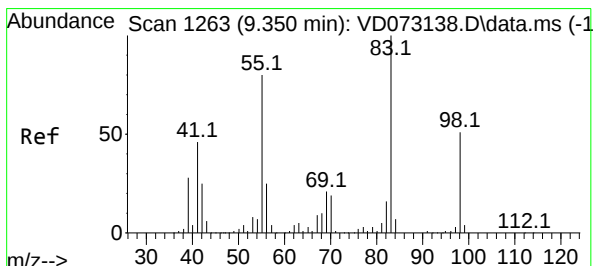
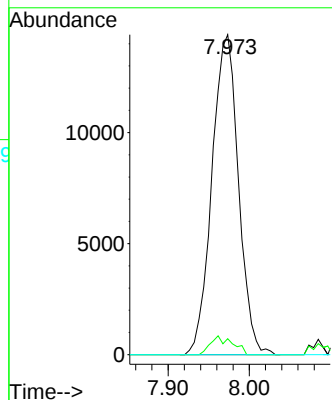
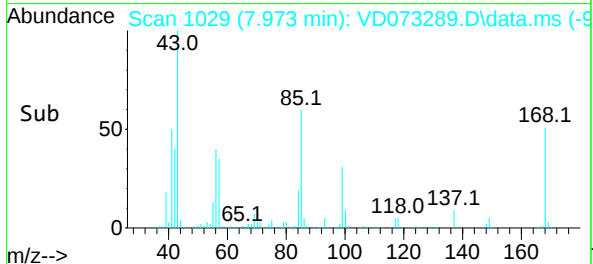


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Instrument :
MSVOA_D
ClientSampleId :
16972

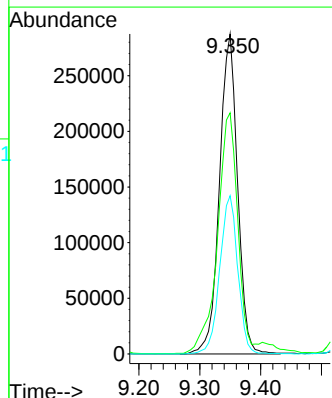
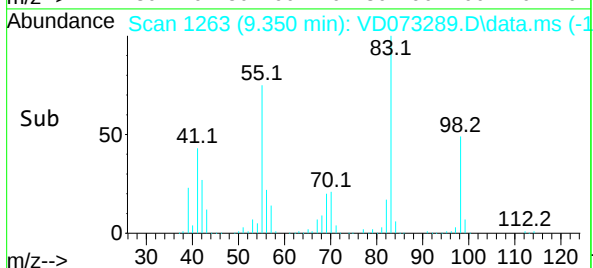
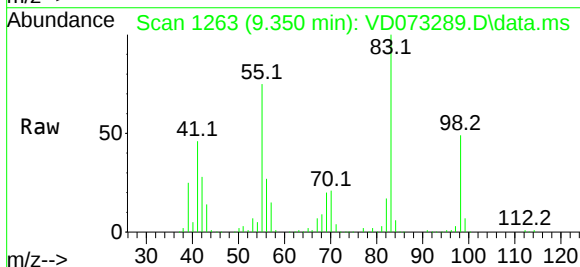


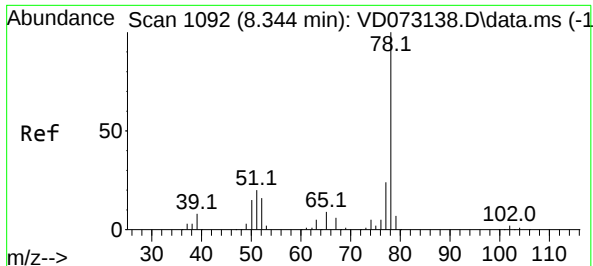
Tgt Ion:117 Resp: 32729
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 101.173 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 83 Resp: 594222
Ion Ratio Lower Upper
83 100
55 75.1 63.2 94.8
98 49.4 38.2 57.4

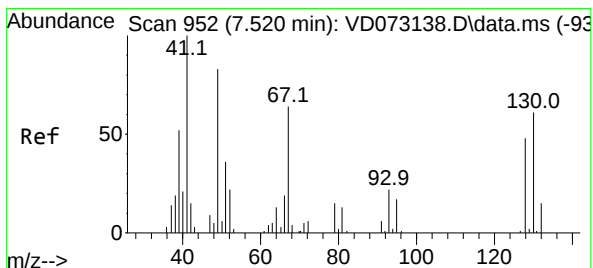
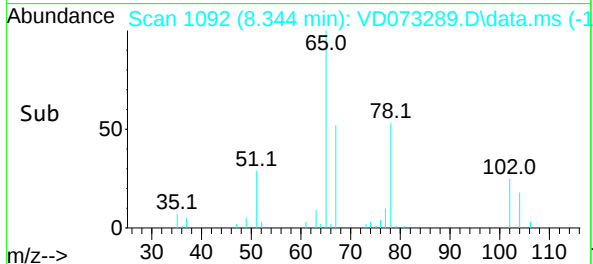
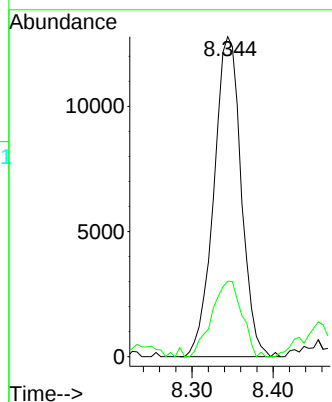
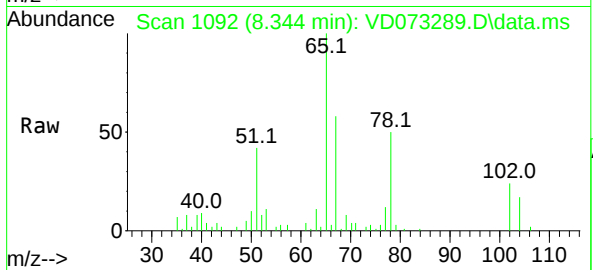




#40
Benzene
Concen: 1.970 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

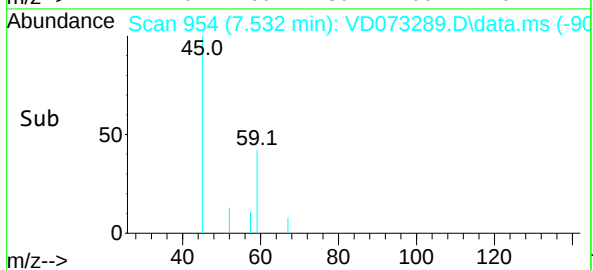
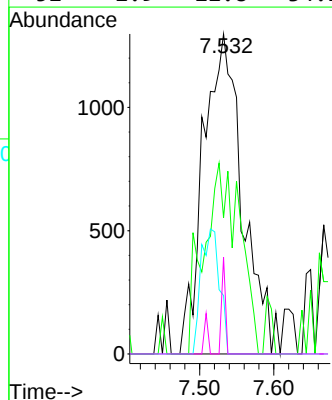
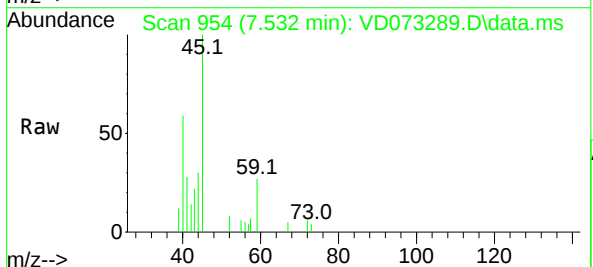
Instrument :
MSVOA_D
ClientSampleId :
16972

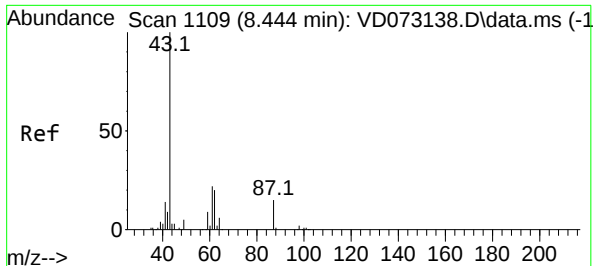
Tgt Ion: 78 Resp: 29915
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7



#41
Methacrylonitrile
Concen: 3.931 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.012 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 41 Resp: 4768
Ion Ratio Lower Upper
41 100
39 17.7 44.6 67.0#
67 0.0 48.2 72.4#
52 2.9 22.8 34.2#

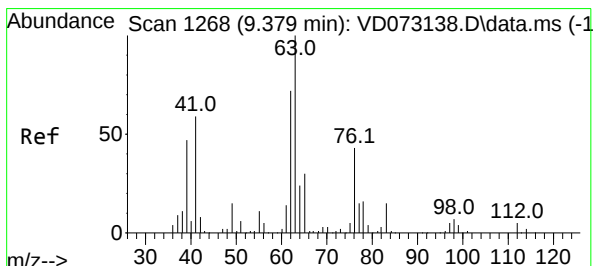
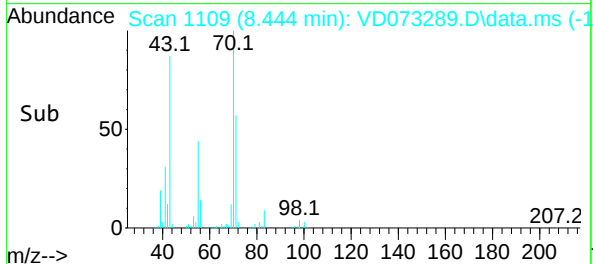
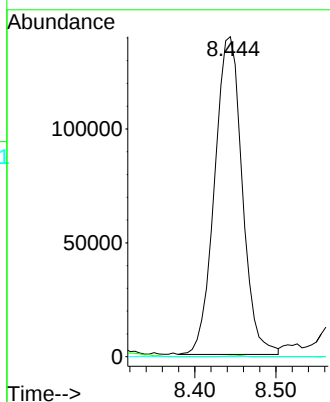
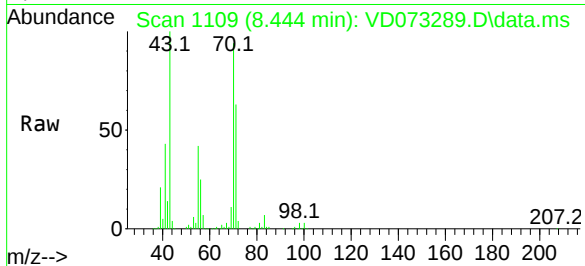




#43
Isopropyl Acetate
Concen: 85.787 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

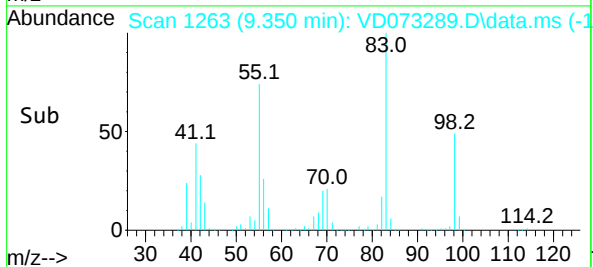
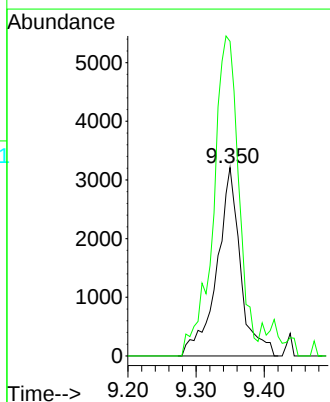
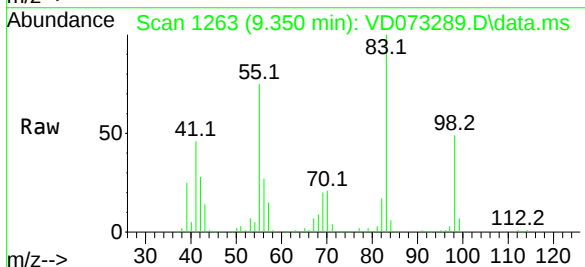
Instrument :
MSVOA_D
ClientSampleId :
16972

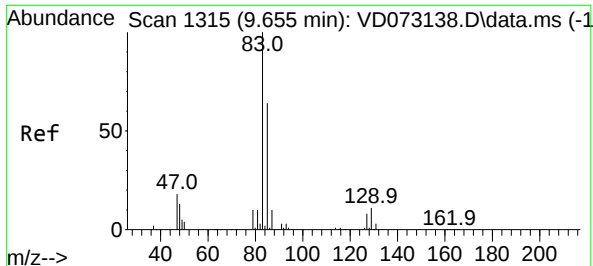
Tgt Ion: 43 Resp: 330083
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 2.024 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.029 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 63 Resp: 7743
Ion Ratio Lower Upper
63 100
65 166.9 26.2 39.4#





#47

Bromodichloromethane

Concen: 1.560 ug/l

RT: 9.520 min Scan# 1

Delta R.T. -0.135 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

16972

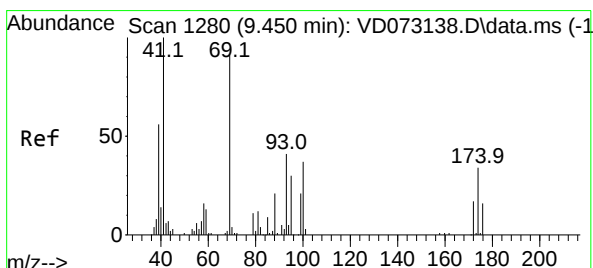
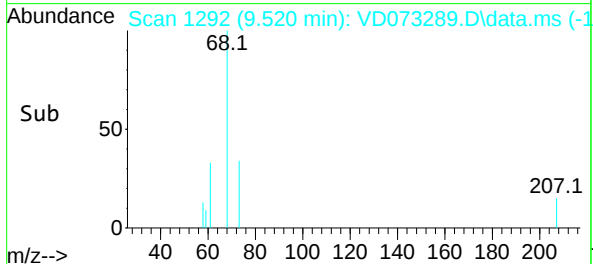
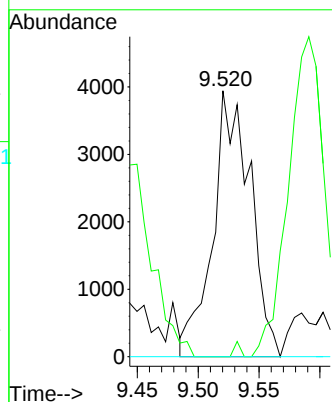
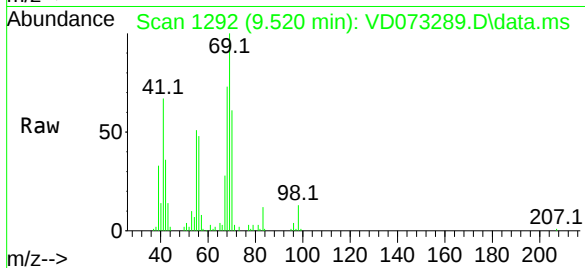
Tgt Ion: 83 Resp: 8386

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 23.089 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.036 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

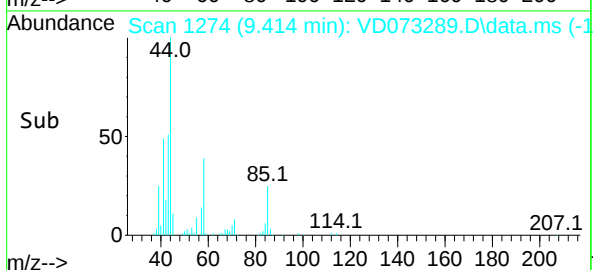
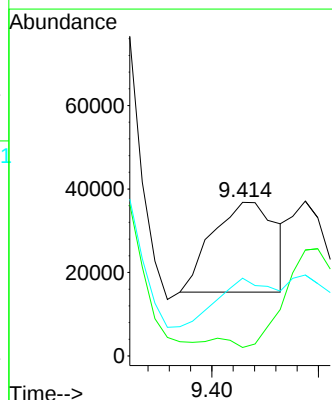
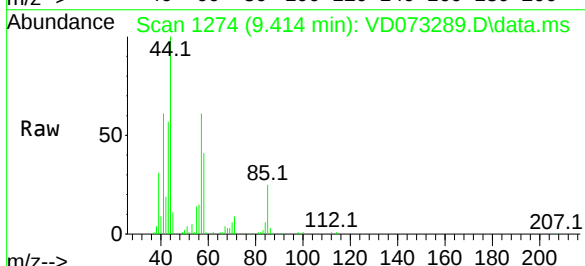
Tgt Ion: 41 Resp: 44697

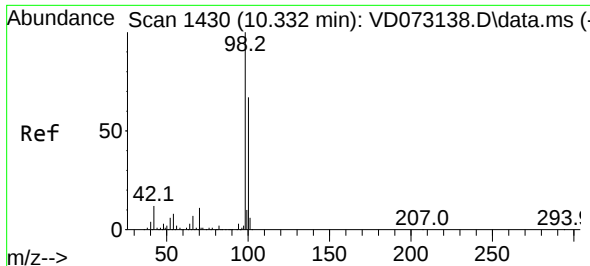
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 47.8 42.7 64.1

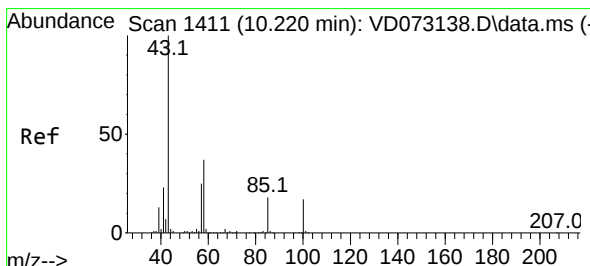
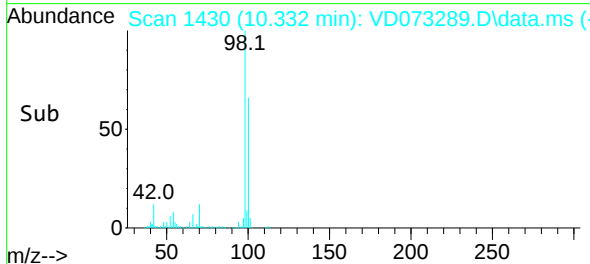
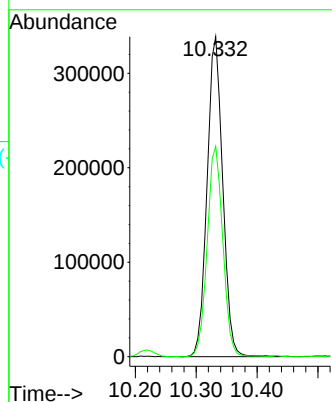
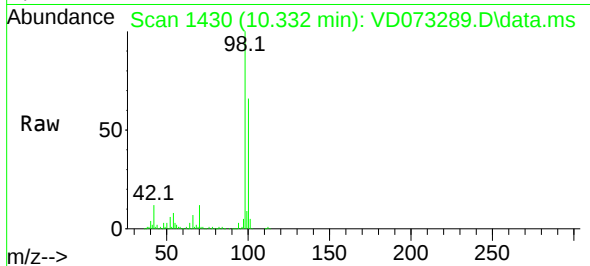




#50
Toluene-d8
Concen: 46.814 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

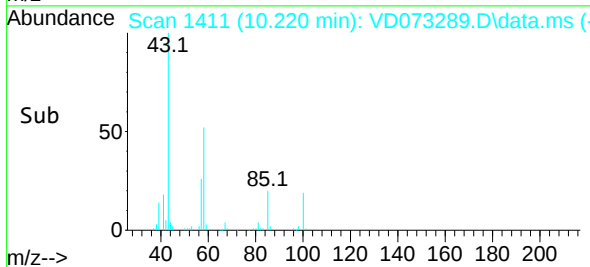
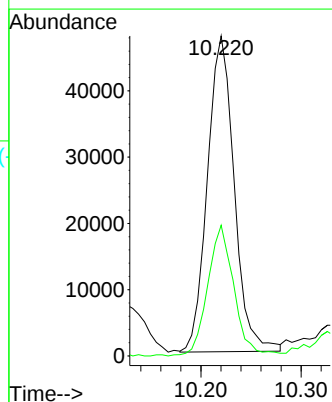
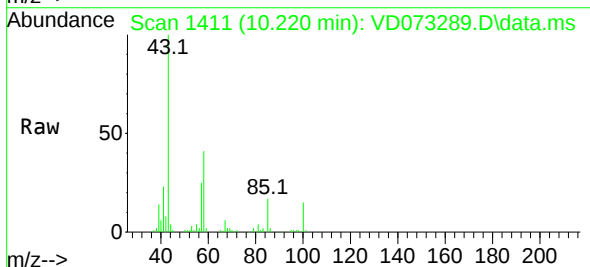
Instrument :
MSVOA_D
ClientSampleId :
16972

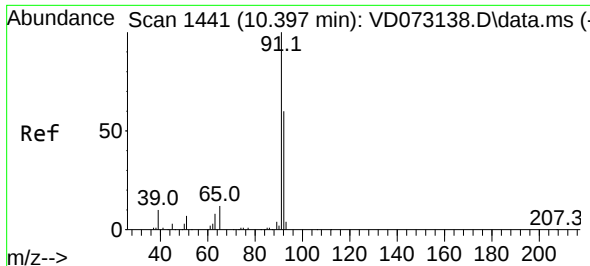
Tgt Ion: 98 Resp: 604705
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 44.404 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 43 Resp: 88738
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0

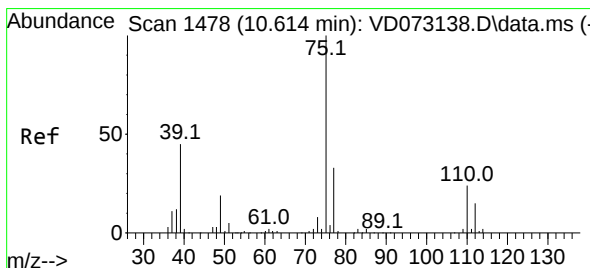
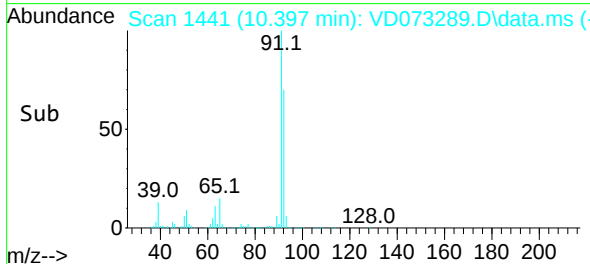
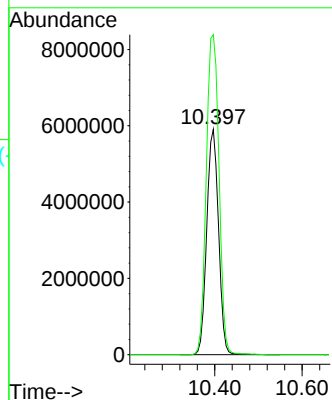
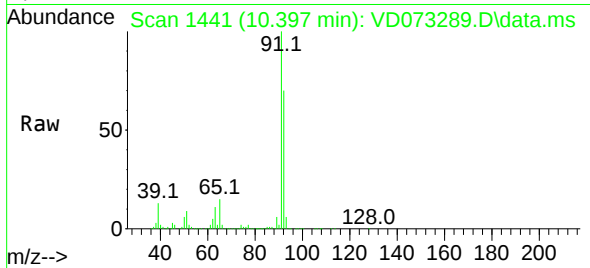




#52
Toluene
Concen: 1152.800 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

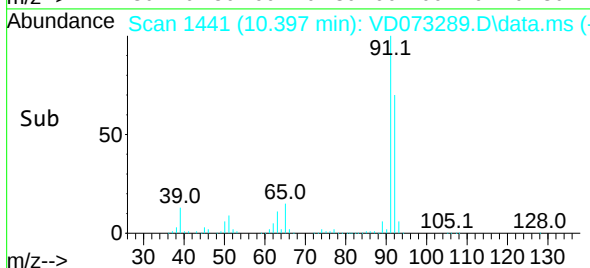
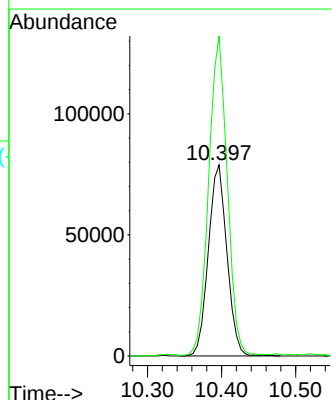
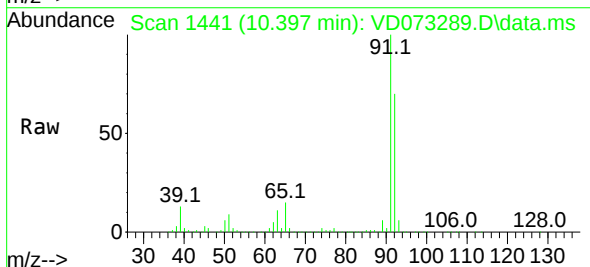
Instrument :
MSVOA_D
ClientSampleId :
16972

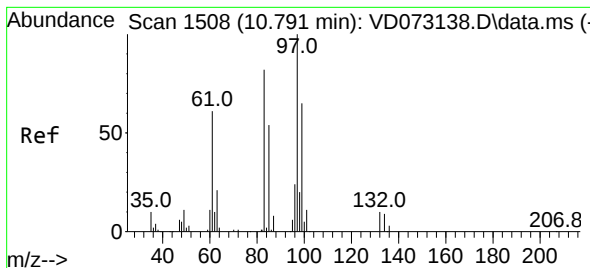
Tgt Ion: 92 Resp:11064577
Ion Ratio Lower Upper
92 100
91 153.7 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 28.230 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.217 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 75 Resp: 137092
Ion Ratio Lower Upper
75 100
77 167.2 24.5 36.7#

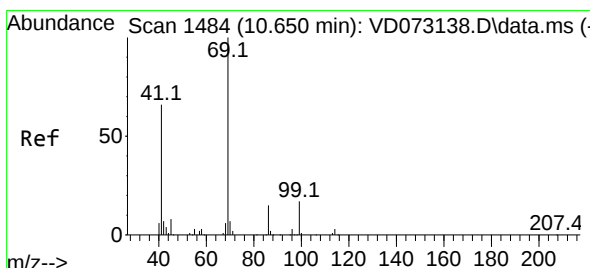
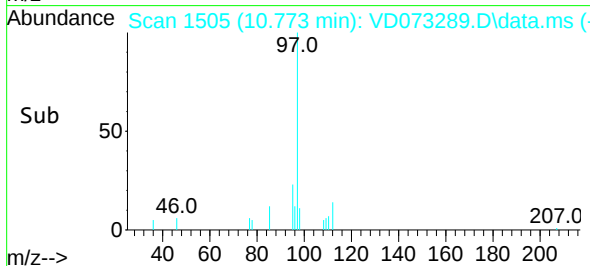
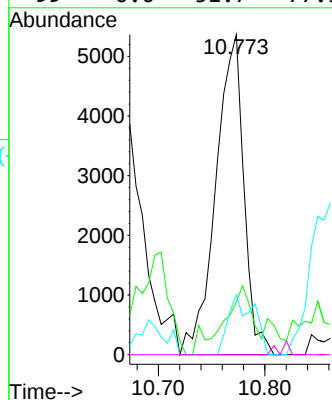
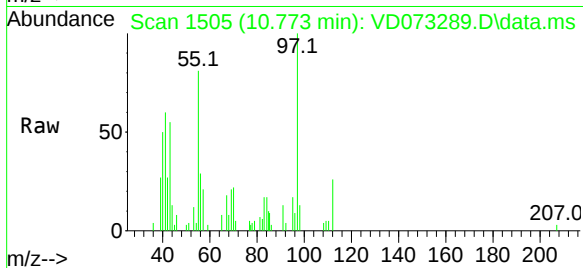




#55
 1,1,2-Trichloroethane
 Concen: 3.449 ug/l
 RT: 10.773 min Scan# 1505
 Delta R.T. -0.018 min
 Lab File: VD073289.D
 Acq: 23 May 2022 18:12

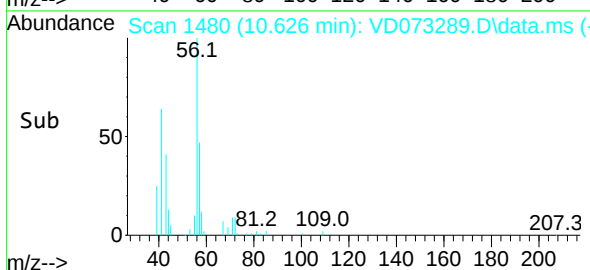
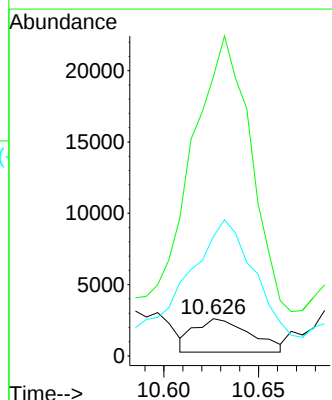
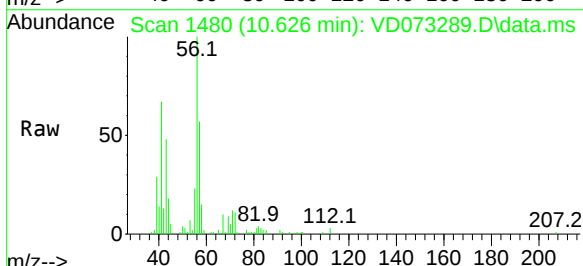
Instrument :
 MSVOA_D
 ClientSampleId :
 16972

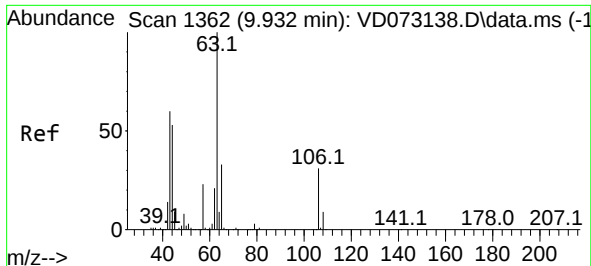
Tgt Ion:	97	Resp:	9799
Ion	Ratio	Lower	Upper
97	100		
83	12.2	69.0	103.4#
85	18.7	42.6	63.8#
99	0.0	51.7	77.5#



#56
 Ethyl methacrylate
 Concen: 1.513 ug/l
 RT: 10.626 min Scan# 1480
 Delta R.T. -0.024 min
 Lab File: VD073289.D
 Acq: 23 May 2022 18:12

Tgt Ion:	69	Resp:	4779
Ion	Ratio	Lower	Upper
69	100		
41	1093.4	63.0	94.6#
39	0.0	33.8	50.8#

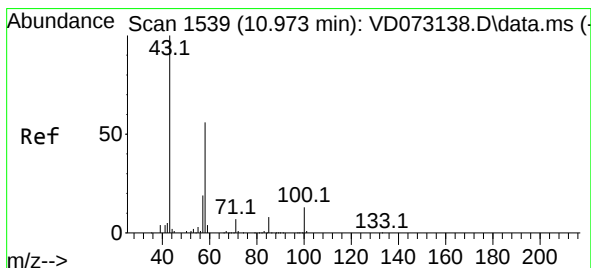
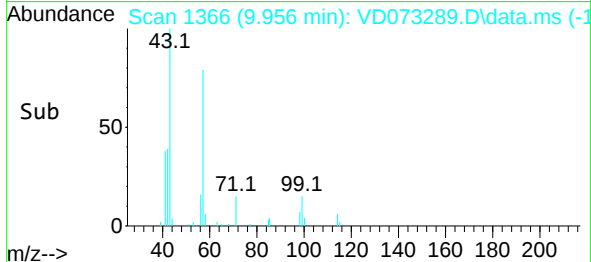
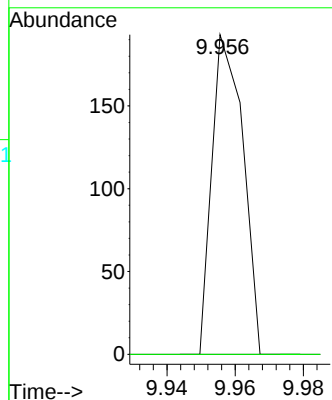
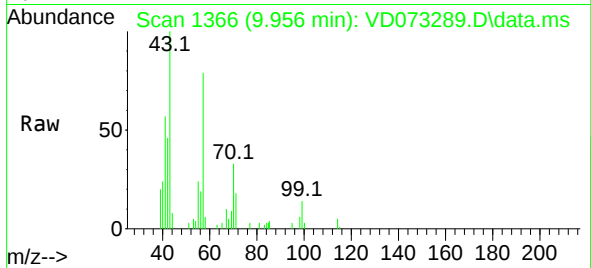




#58
2-Chloroethyl Vinyl ether
Concen: 21.695 ug/l
RT: 9.956 min Scan# 11
Delta R.T. 0.024 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

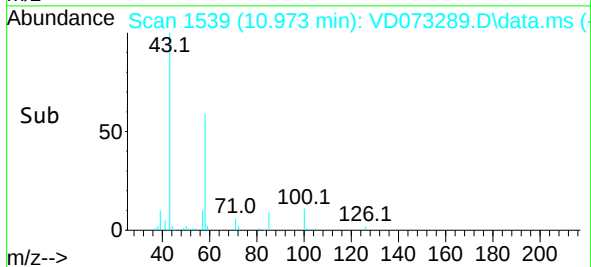
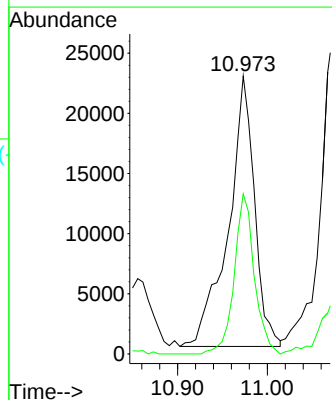
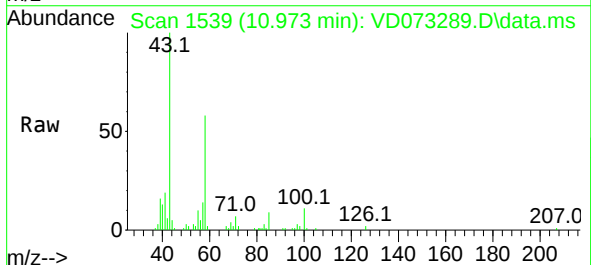
Instrument :
MSVOA_D
ClientSampleId :
16972

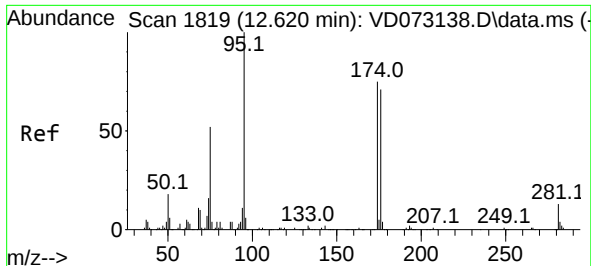
Tgt Ion: 63 Resp: 122
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 34.454 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

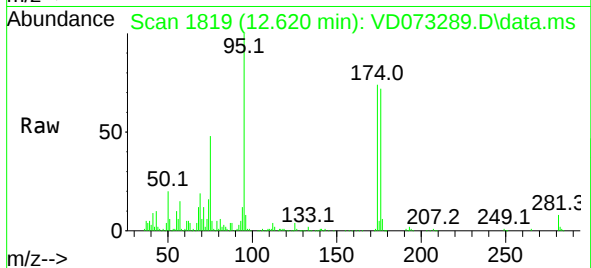
Tgt Ion: 43 Resp: 45394
Ion Ratio Lower Upper
43 100
58 45.5 25.3 75.9



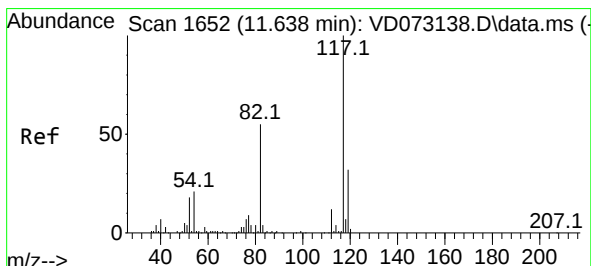
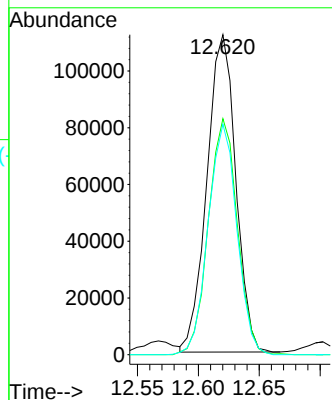
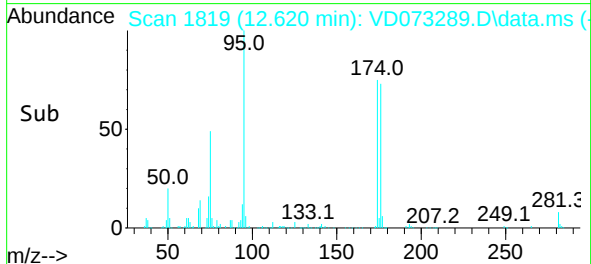


#62
4-Bromofluorobenzene
Concen: 40.704 ug/l
RT: 12.620 min Scan# 116972
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Instrument :
MSVOA_D
ClientSampleId :

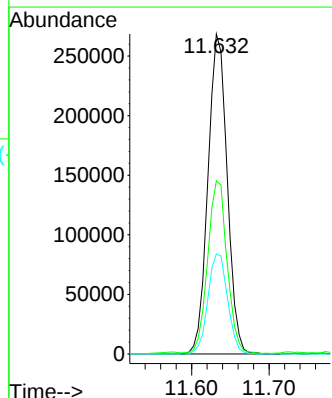
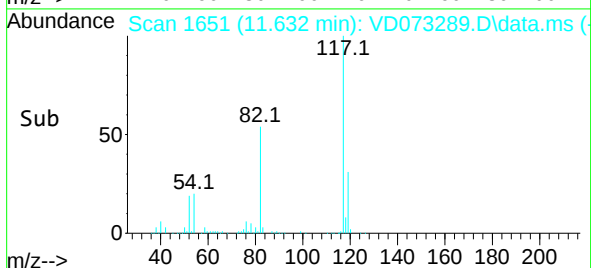
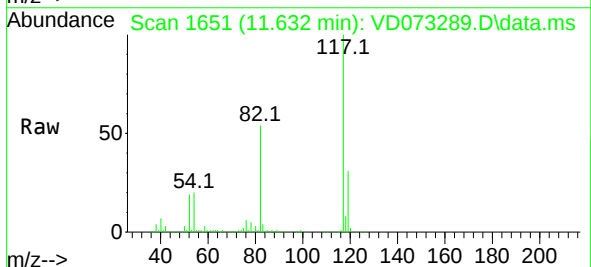


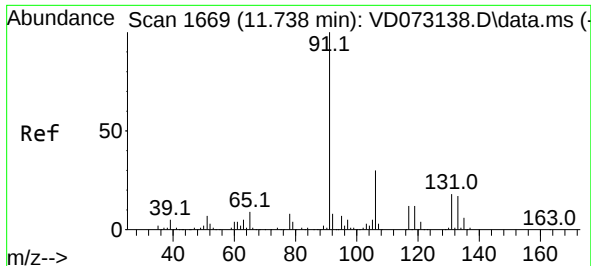
Tgt Ion: 95 Resp: 184516
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 117 Resp: 462322
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.3 26.6 40.0





#67

Ethyl Benzene

Concen: 8.765 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

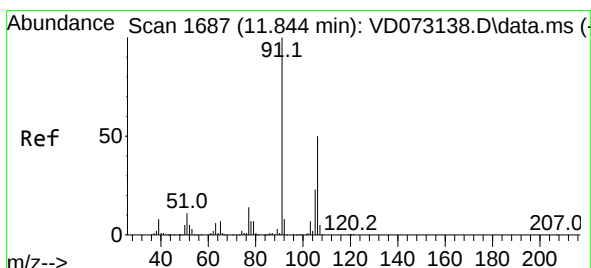
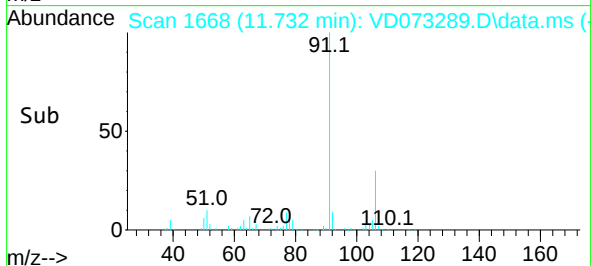
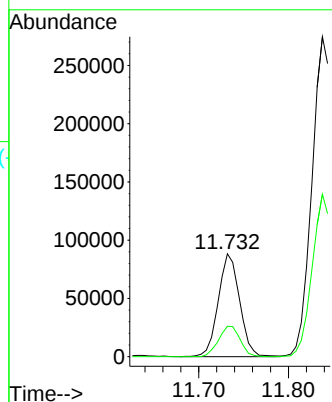
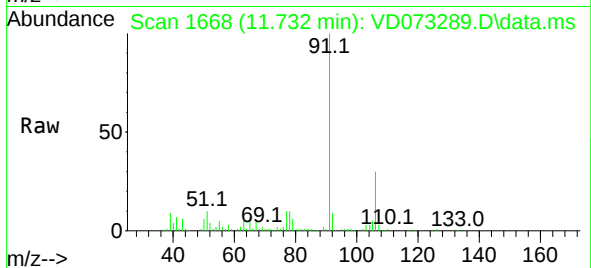
16972

Tgt Ion: 91 Resp: 145933

Ion Ratio Lower Upper

91 100

106 29.5 24.2 36.4



#68

m/p-Xylenes

Concen: 38.291 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD073289.D

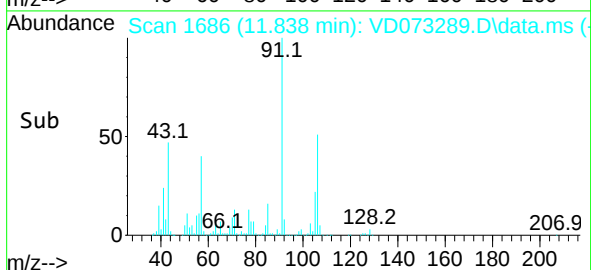
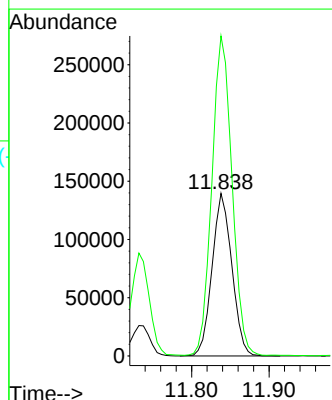
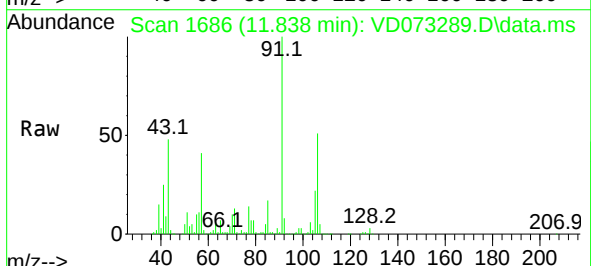
Acq: 23 May 2022 18:12

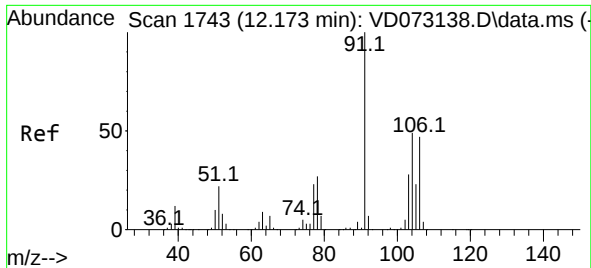
Tgt Ion:106 Resp: 247687

Ion Ratio Lower Upper

106 100

91 200.3 163.7 245.5

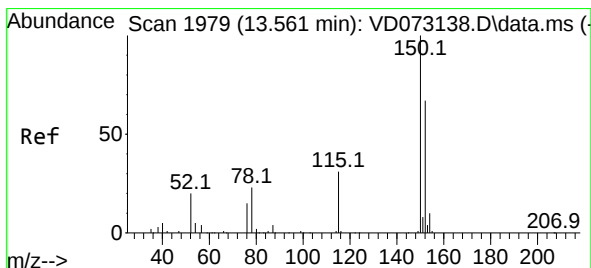
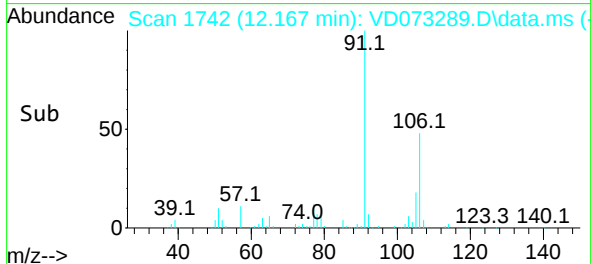
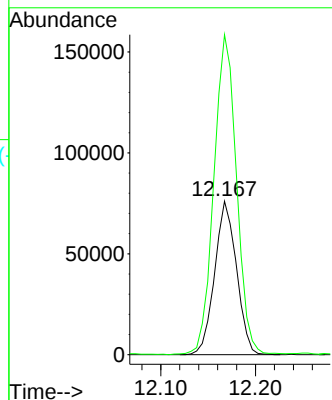
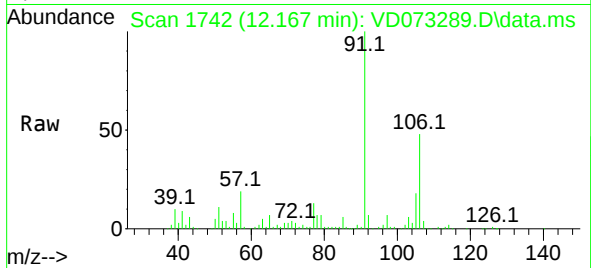




#69
o-Xylene
Concen: 20.527 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

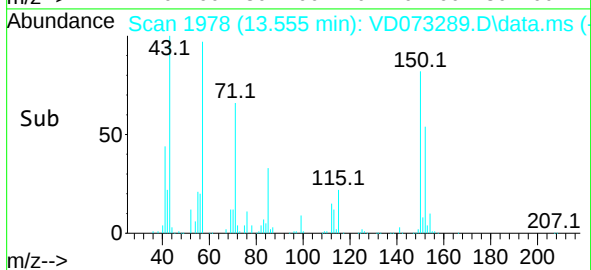
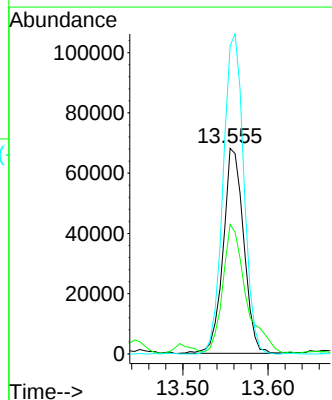
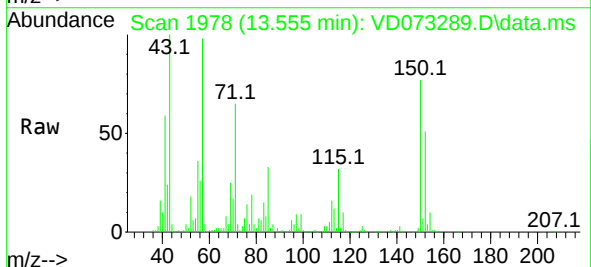
Instrument :
MSVOA_D
ClientSampleId :
16972

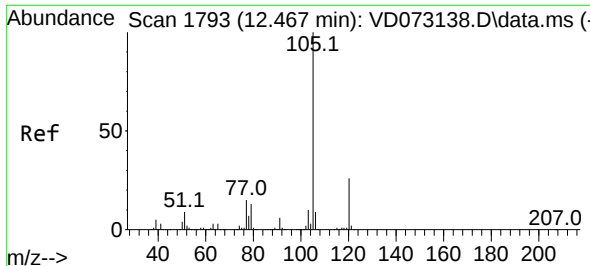
Tgt Ion:106 Resp: 121977
Ion Ratio Lower Upper
106 100
91 216.5 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion:152 Resp: 113734
Ion Ratio Lower Upper
152 100
115 70.5 31.3 93.8
150 157.0 0.0 348.6

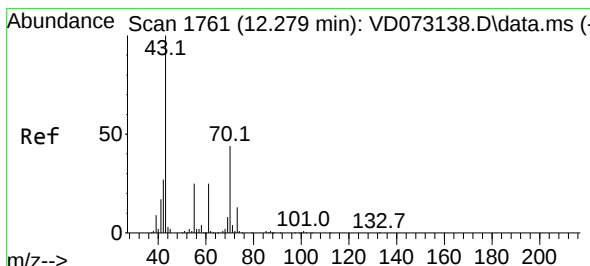
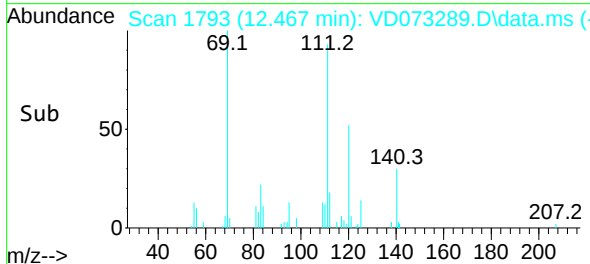
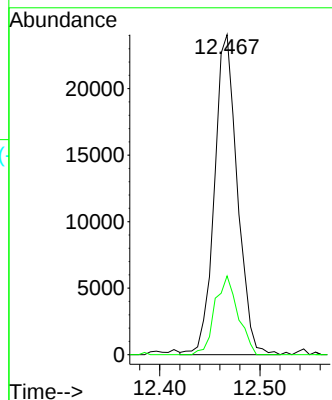
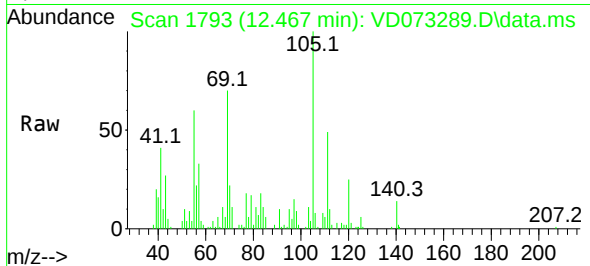




#73
Isopropylbenzene
Concen: 4.708 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

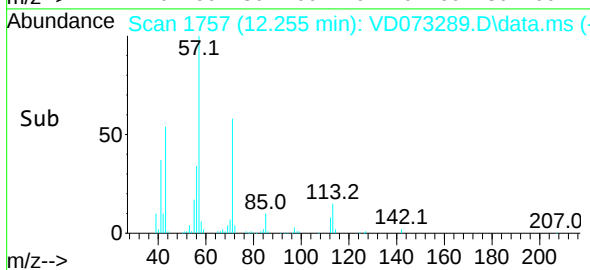
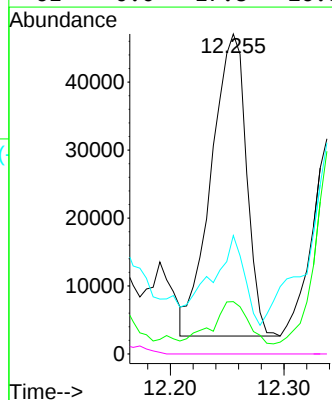
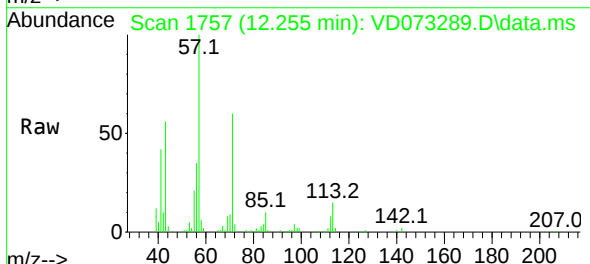
Instrument :
MSVOA_D
ClientSampleId :
16972

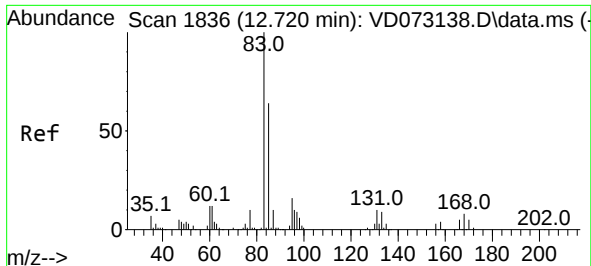
Tgt Ion:105 Resp: 38169
Ion Ratio Lower Upper
105 100
120 24.7 13.0 38.9



#74
N-ethyl acetate
Concen: 53.959 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 43 Resp: 95442
Ion Ratio Lower Upper
43 100
70 13.9 31.3 46.9#
55 28.0 20.0 30.0
61 0.0 17.8 26.8#

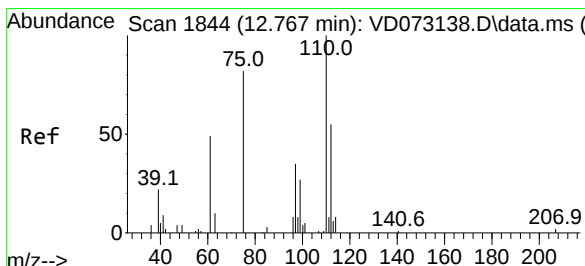
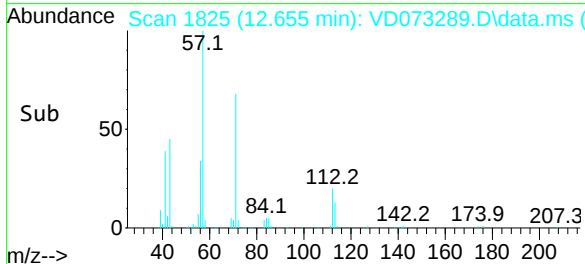
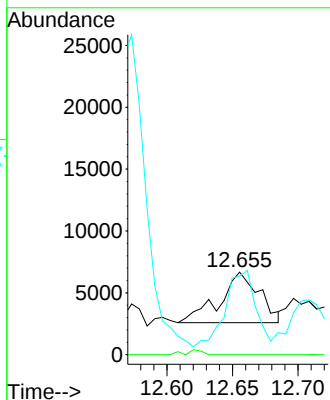
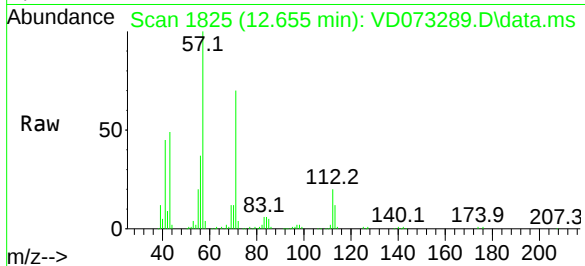




#75
1,1,2,2-Tetrachloroethane
Concen: 5.758 ug/l
RT: 12.655 min Scan# 1825
Delta R.T. -0.065 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

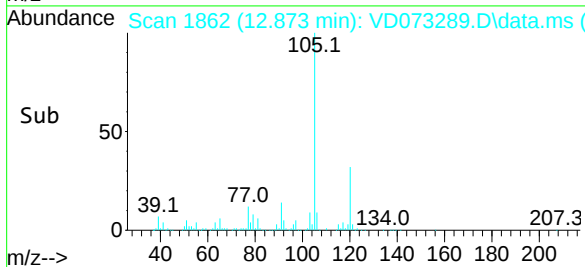
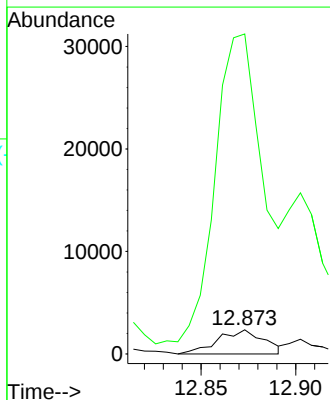
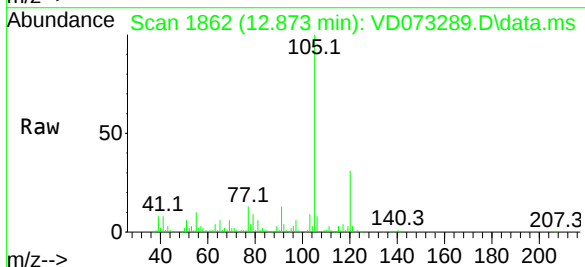
Instrument :
MSVOA_D
ClientSampleId :
16972

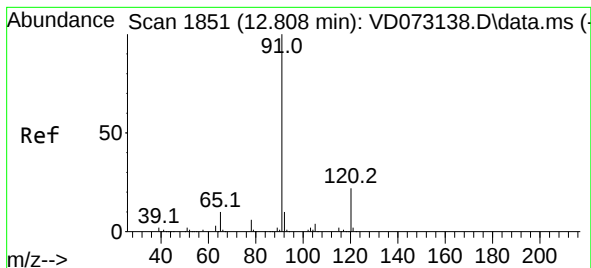
Tgt Ion: 83 Resp: 8611
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 113.7 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 3.585 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. 0.106 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 75 Resp: 4001
Ion Ratio Lower Upper
75 100
77 1324.2 0.0 0.0#





#78

n-propylbenzene

Concen: 15.781 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

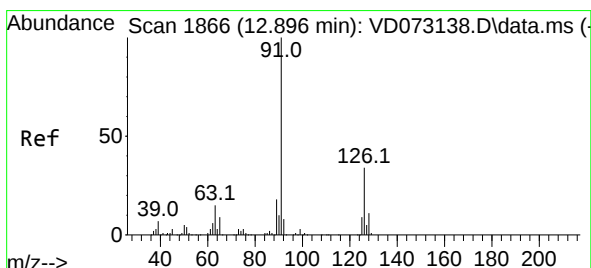
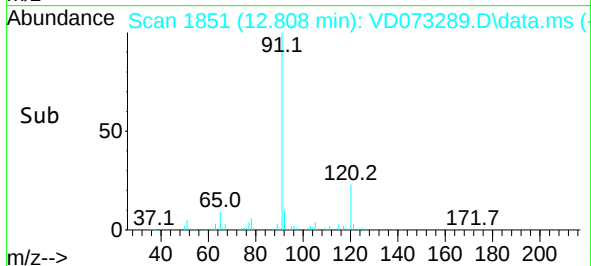
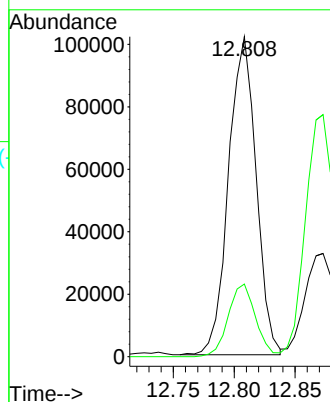
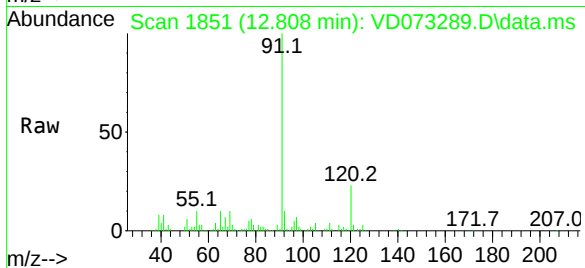
16972

Tgt Ion: 91 Resp: 160634

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.9



#79

2-Chlorotoluene

Concen: 8.958 ug/l

RT: 12.873 min Scan# 1862

Delta R.T. -0.023 min

Lab File: VD073289.D

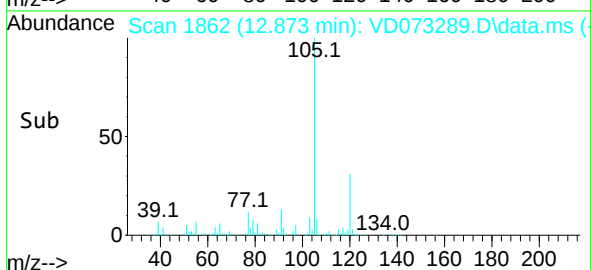
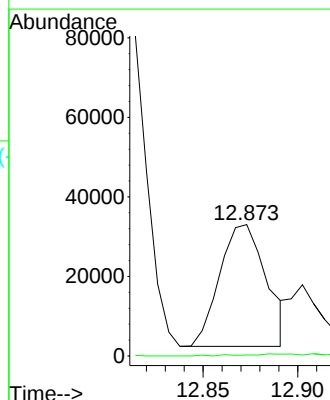
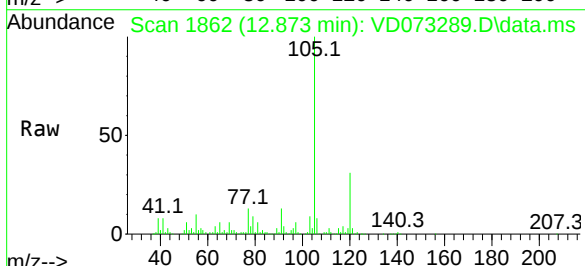
Acq: 23 May 2022 18:12

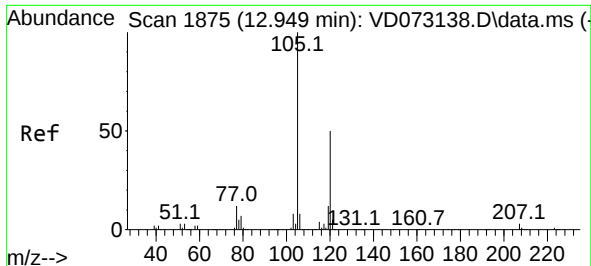
Tgt Ion: 91 Resp: 52651

Ion Ratio Lower Upper

91 100

126 2.0 16.2 48.6#

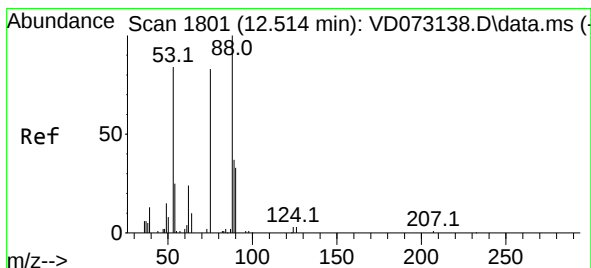
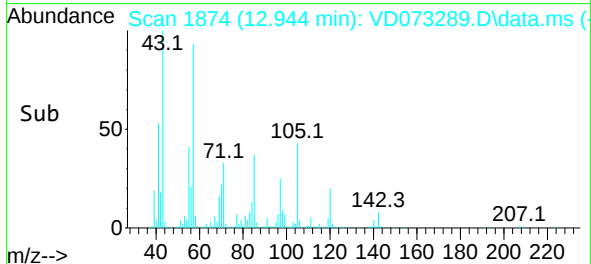
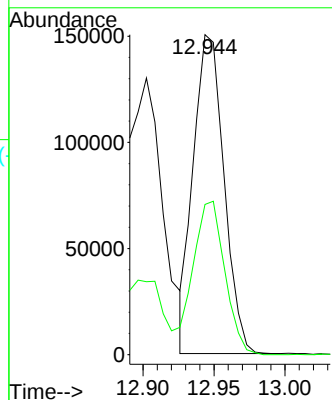
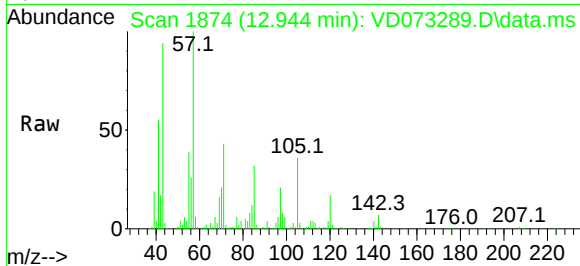




#80
1,3,5-Trimethylbenzene
Concen: 32.782 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.005 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

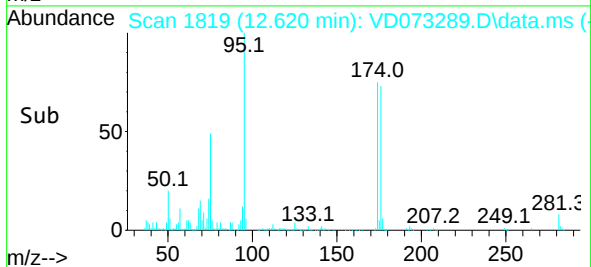
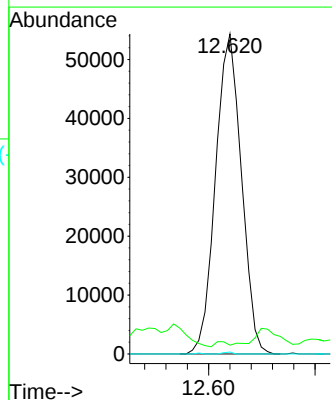
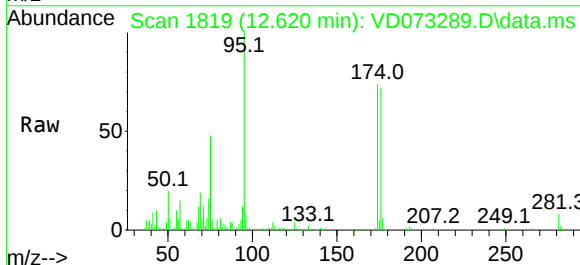
Instrument :
MSVOA_D
ClientSampleId :
16972

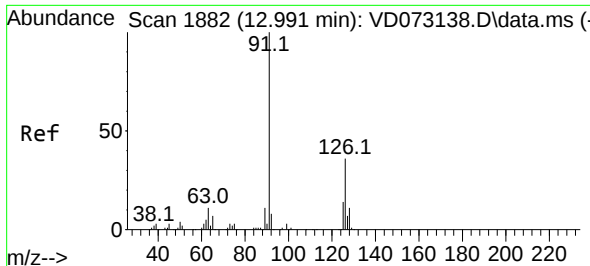
Tgt Ion:105 Resp: 225158
Ion Ratio Lower Upper
105 100
120 50.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 196.797 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 75 Resp: 91478
Ion Ratio Lower Upper
75 100
53 0.7 86.5 129.7#
89 0.2 33.9 50.9#

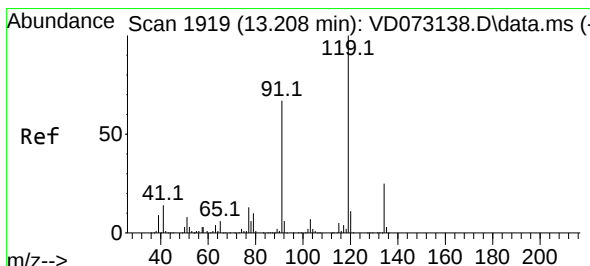
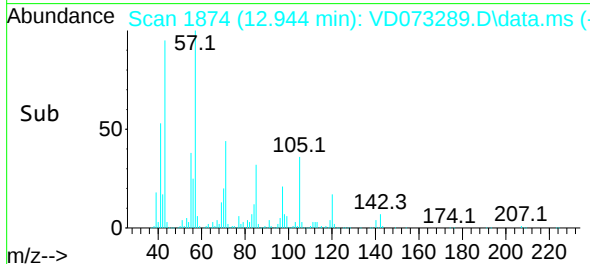
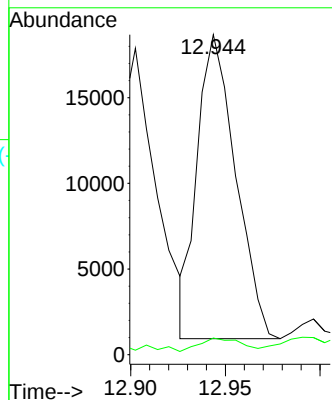
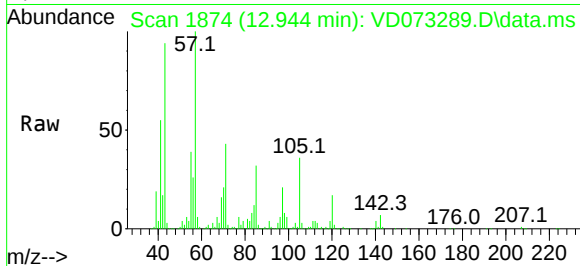




#82
4-Chlorotoluene
Concen: 4.049 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.047 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

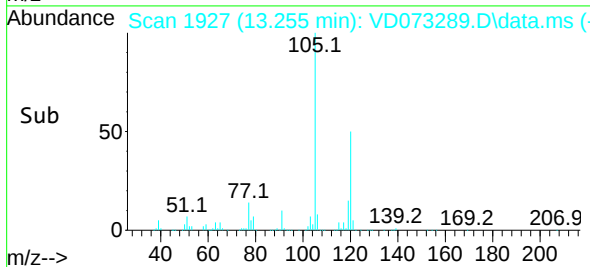
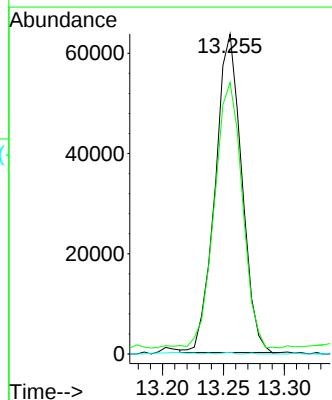
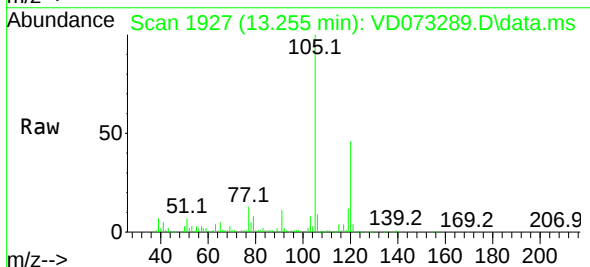
Instrument :
MSVOA_D
ClientSampleId :
16972

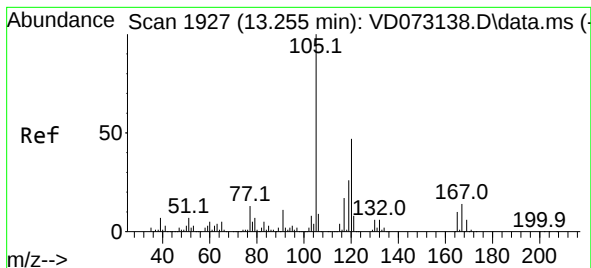
Tgt Ion: 91 Resp: 24943
Ion Ratio Lower Upper
91 100
126 6.6 16.5 49.5#



#83
tert-Butylbenzene
Concen: 16.660 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.047 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 119 Resp: 96438
Ion Ratio Lower Upper
119 100
91 87.7 34.8 104.5
134 0.0 13.3 39.9#





#84

1,2,4-Trimethylbenzene

Concen: 119.573 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073289.D

Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

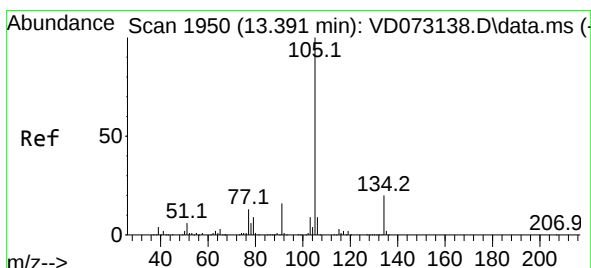
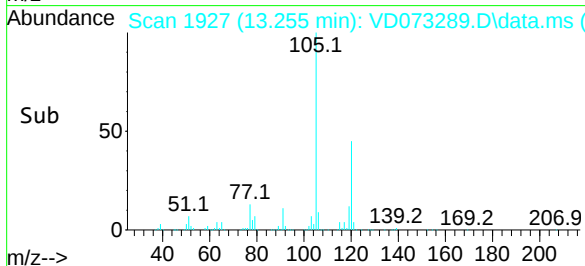
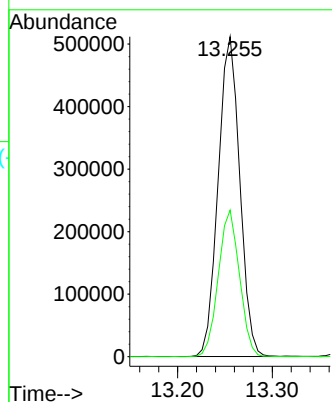
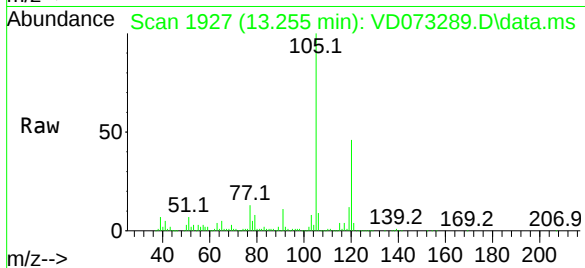
16972

Tgt Ion:105 Resp: 811326

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8



#85

sec-Butylbenzene

Concen: 9.902 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD073289.D

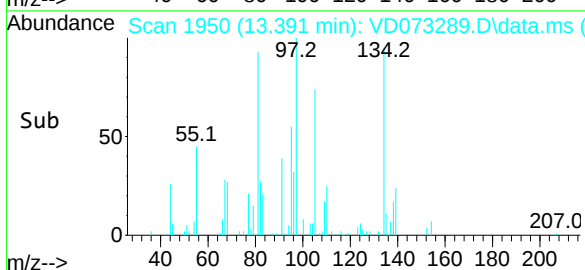
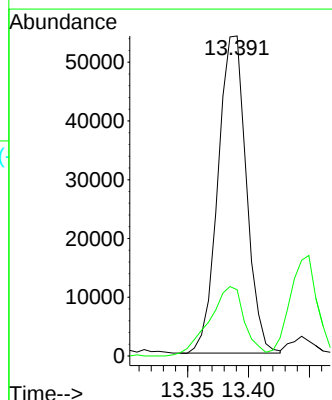
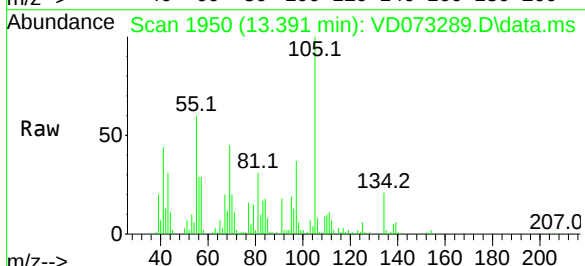
Acq: 23 May 2022 18:12

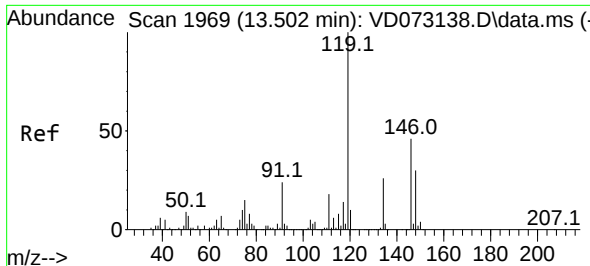
Tgt Ion:105 Resp: 87523

Ion Ratio Lower Upper

105 100

134 27.2 9.8 29.3

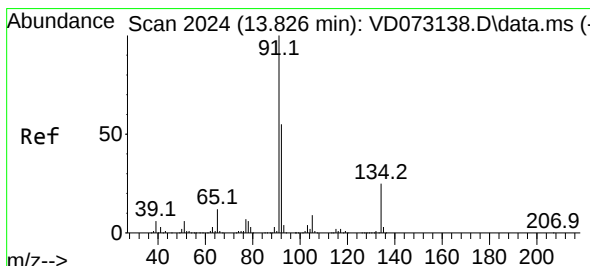
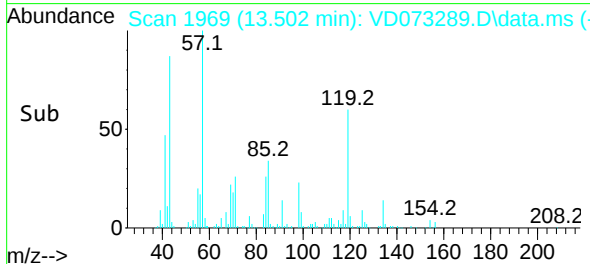
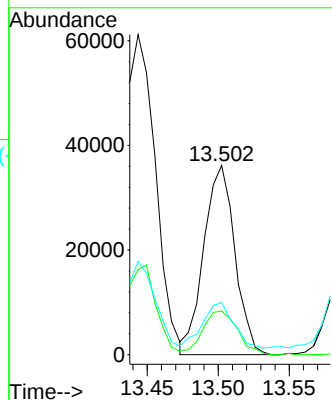
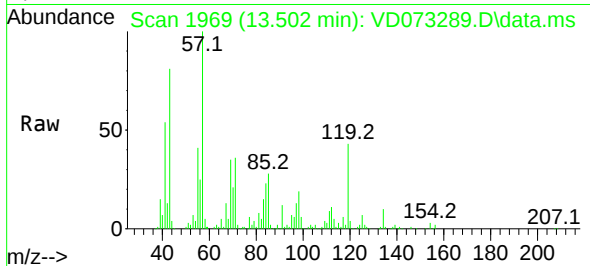




#86
p-Isopropyltoluene
Concen: 7.635 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

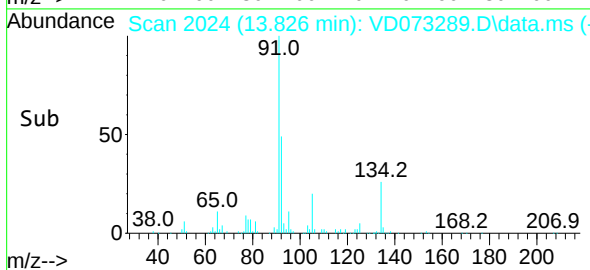
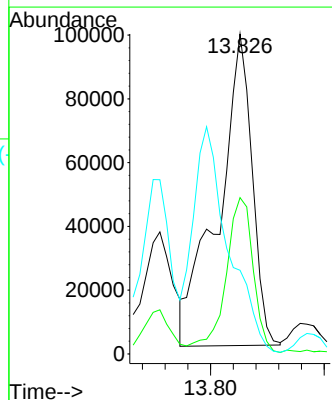
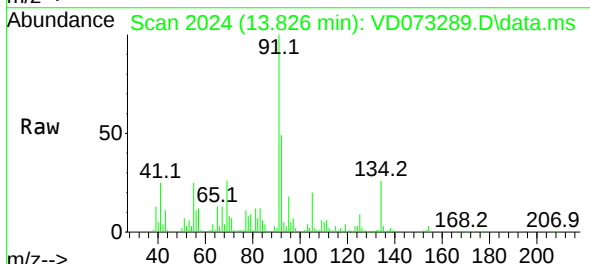
Instrument :
MSVOA_D
ClientSampleId :
16972

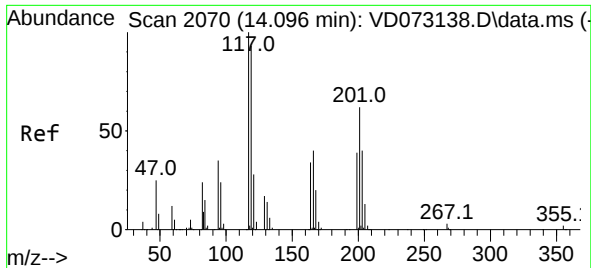
Tgt Ion:119 Resp: 55013
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 22.8 12.1 36.3



#89
n-Butylbenzene
Concen: 29.324 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 91 Resp: 201306
Ion Ratio Lower Upper
91 100
92 40.7 26.6 79.8
134 0.0 12.3 36.9#

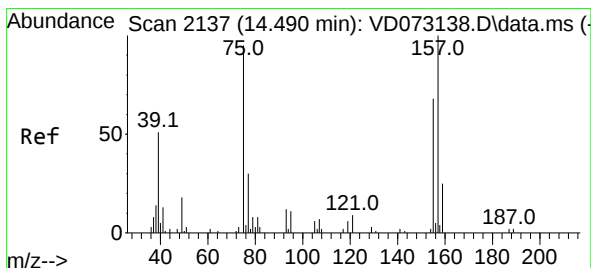
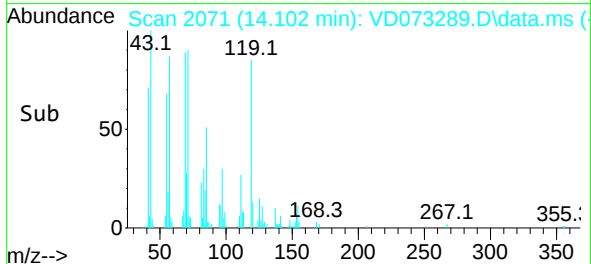
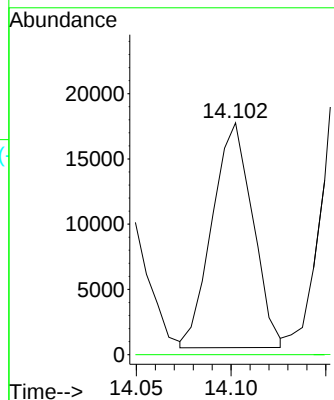
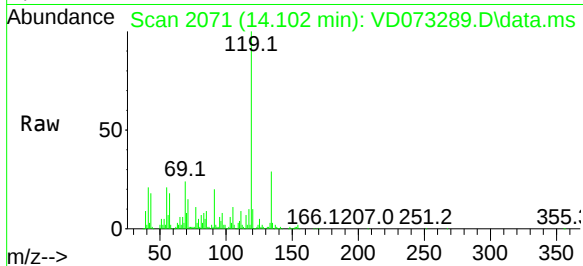




#90
Hexachloroethane
Concen: 17.233 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

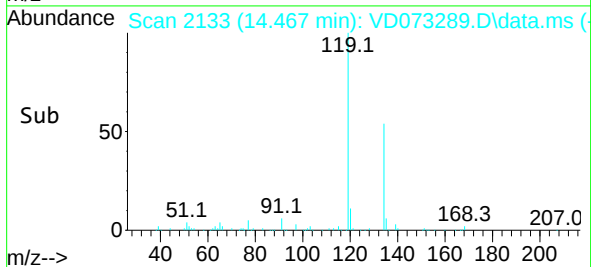
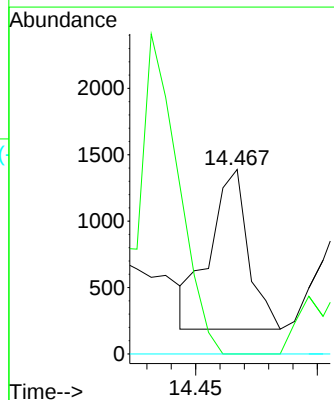
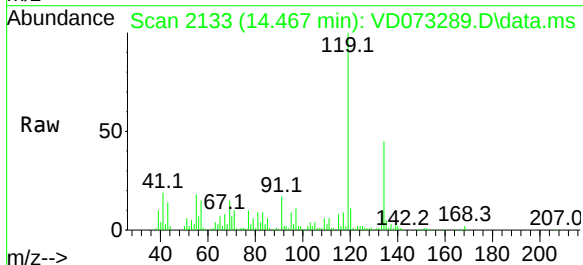
Instrument :
MSVOA_D
ClientSampleId :
16972

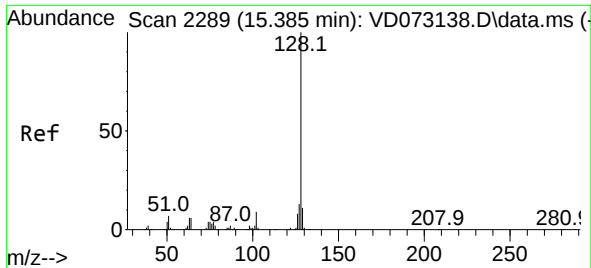
Tgt Ion:117 Resp: 25692
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.764 ug/l
RT: 14.467 min Scan# 2133
Delta R.T. -0.023 min
Lab File: VD073289.D
Acq: 23 May 2022 18:12

Tgt Ion: 75 Resp: 1320
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#95

Naphthalene

Concen: 35.300 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073289.D

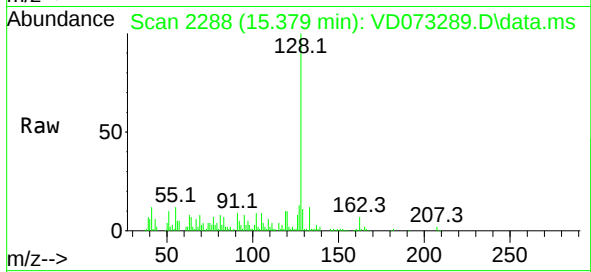
Acq: 23 May 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

16972



Tgt Ion:128 Resp: 127213

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 12.2 8.4 12.6

