

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073074.D
 Acq On : 18 May 2022 00:21
 Operator : VA/SY
 Sample : N2824-01
 Misc : 5.02 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:13:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

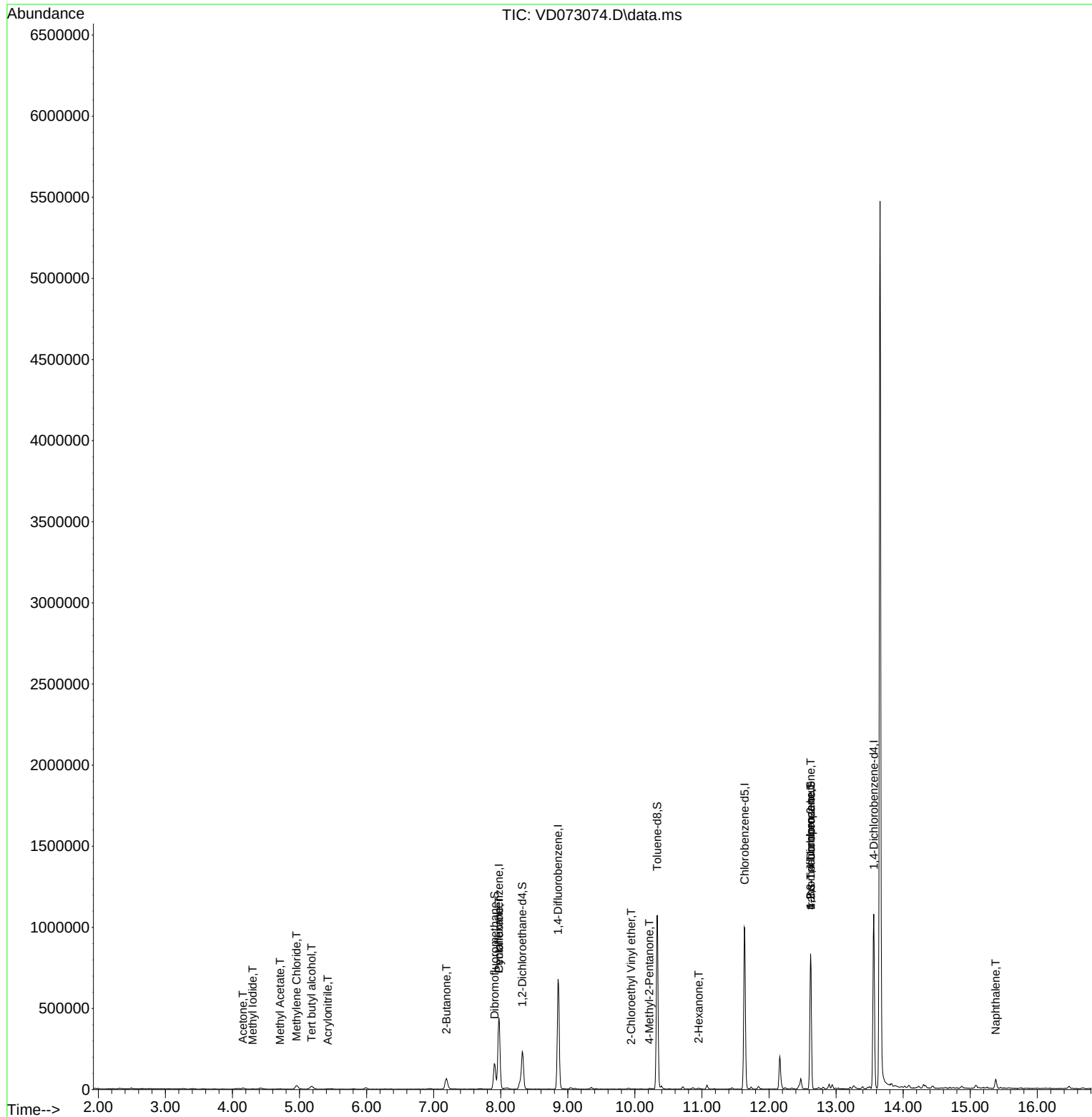
Internal Standards						
1) Pentafluorobenzene	7.973	168	318099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	576728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	181029	45.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.908	113	114861	27.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.660%
50) Toluene-d8	10.332	98	711187	47.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.620	95	276640	51.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	2439	4.749	ug/l #	47
11) Tert butyl alcohol	5.179	59	16920	27.498	ug/l #	76
15) Acrylonitrile	5.420	53	1980	2.188	ug/l #	52
16) Acetone	4.156	43	11364	15.786	ug/l	93
18) Methyl Acetate	4.709	43	55	1.484	ug/l #	55
20) Methylene Chloride	4.956	84	17709	3.389	ug/l #	81
25) 2-Butanone	7.191	43	6165	5.655	ug/l #	75
31) Cyclohexane	7.973	56	10904	1.522	ug/l #	53
51) 4-Methyl-2-Pentanone	10.214	43	4094	1.494	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.944	63	67	22.883	ug/l #	48
59) 2-Hexanone	10.950	43	6776	3.743	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	143578	45.264	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	143578	108.533	ug/l #	7
95) Naphthalene	15.379	128	46871	8.182	ug/l	99

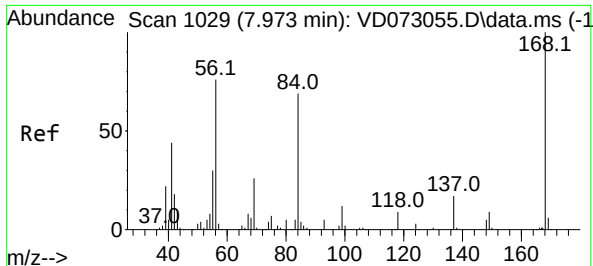
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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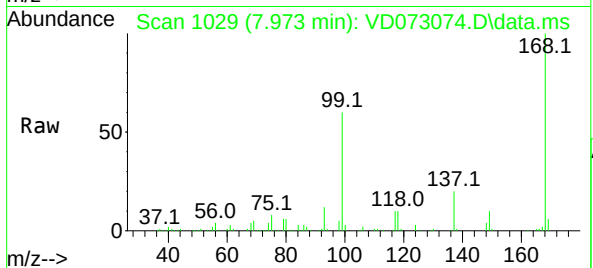
Quant Time: May 18 05:13:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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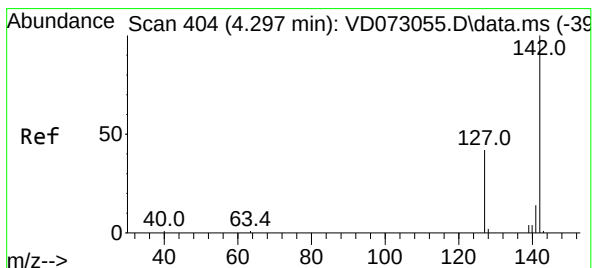
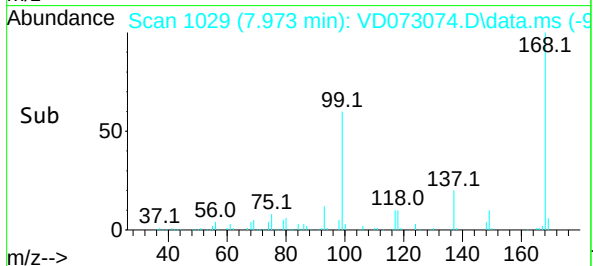
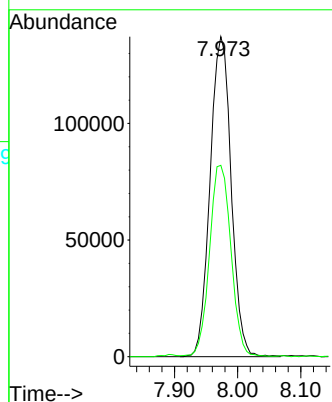


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

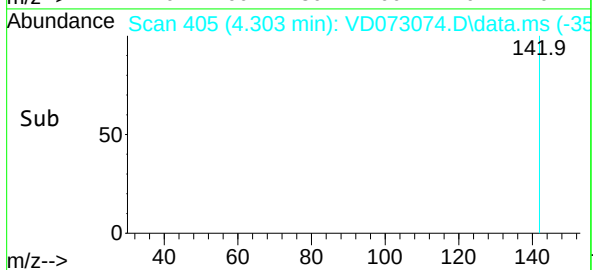
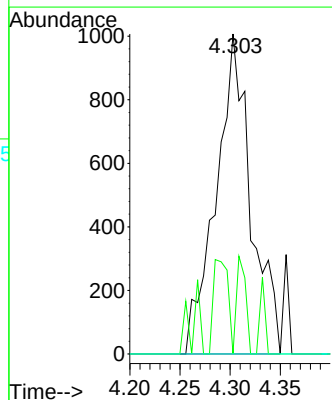
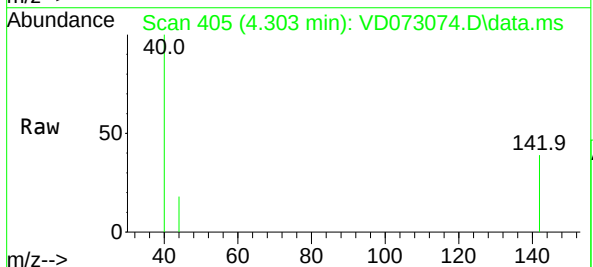


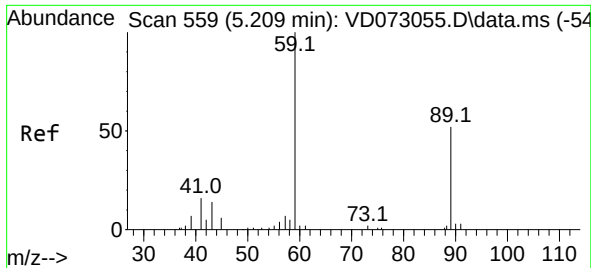
Tgt Ion:168 Resp: 318099
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#10
Methyl Iodide
Concen: 4.749 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

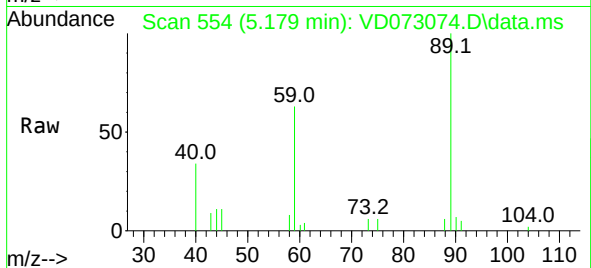
Tgt Ion:142 Resp: 2439
Ion Ratio Lower Upper
142 100
127 7.9 37.3 55.9#
141 0.0 11.7 17.5#



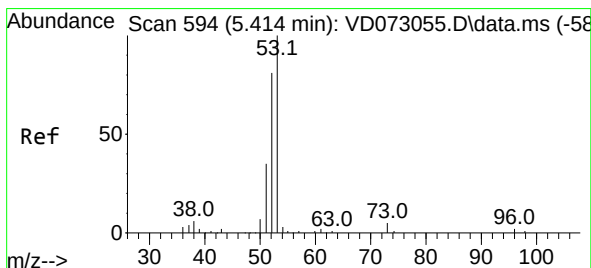
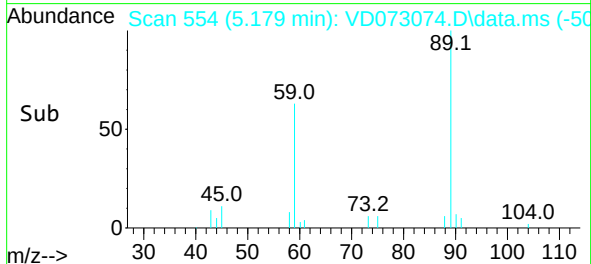
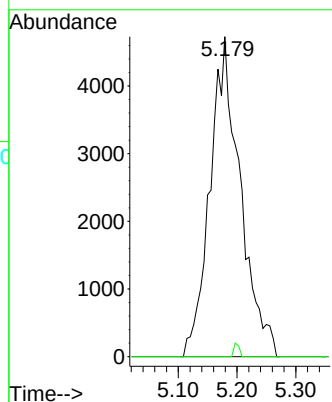


#11
Tert butyl alcohol
Concen: 27.498 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

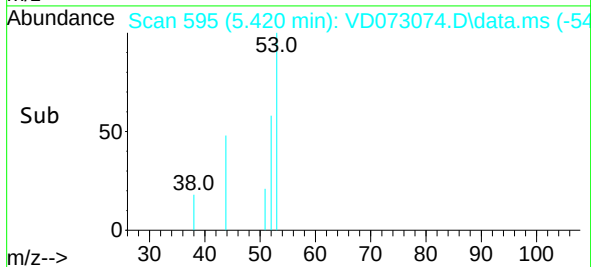
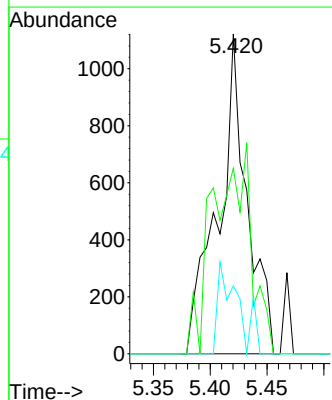
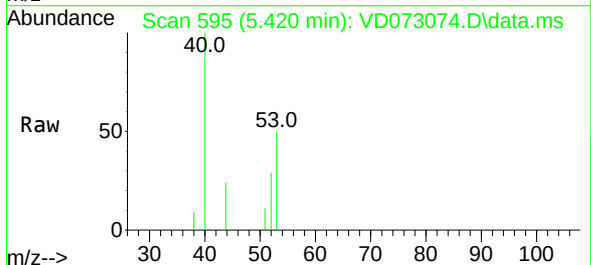


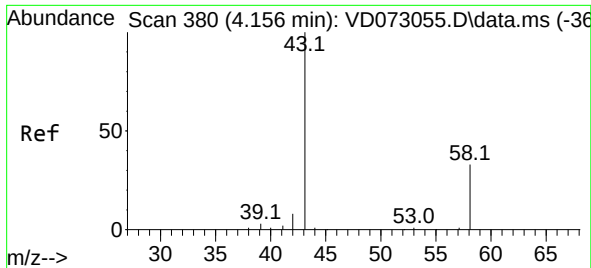
Tgt Ion: 59 Resp: 16920
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.6#



#15
Acrylonitrile
Concen: 2.188 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 53 Resp: 1980
Ion Ratio Lower Upper
53 100
52 32.3 67.2 100.8#
51 20.4 30.3 45.5#





#16

Acetone

Concen: 15.786 ug/l

RT: 4.156 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD073074.D

Acq: 18 May 2022 00:21

Instrument :

MSVOA_D

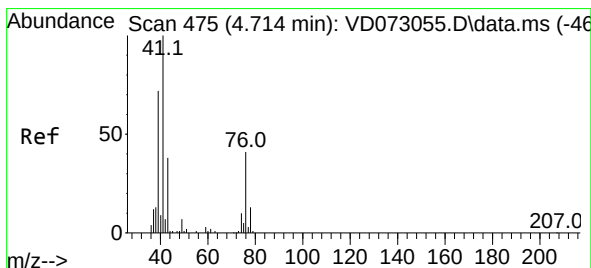
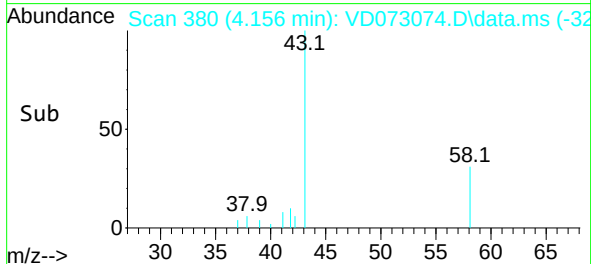
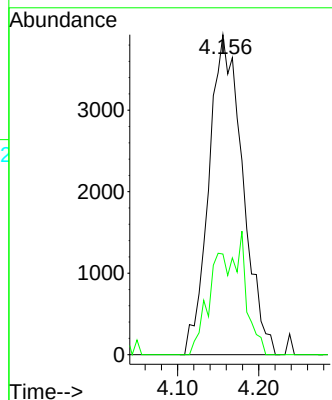
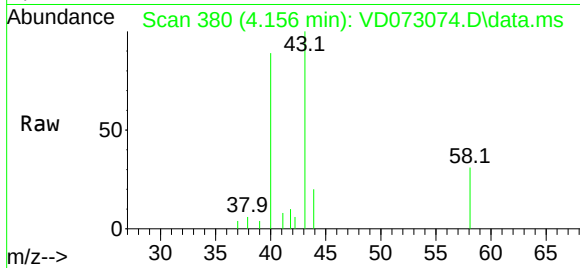
ClientSampleId :

Tgt Ion: 43 Resp: 11364

Ion Ratio Lower Upper

43 100

58 31.4 22.1 33.1



#18

Methyl Acetate

Concen: 1.484 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.005 min

Lab File: VD073074.D

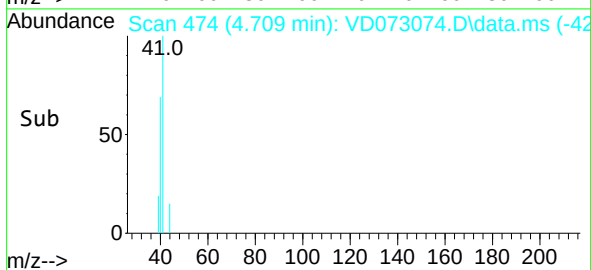
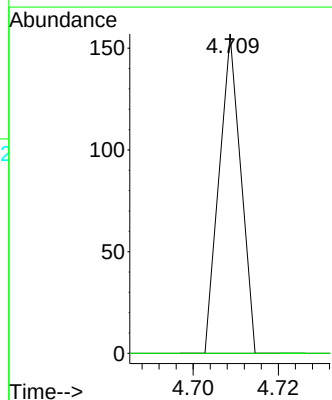
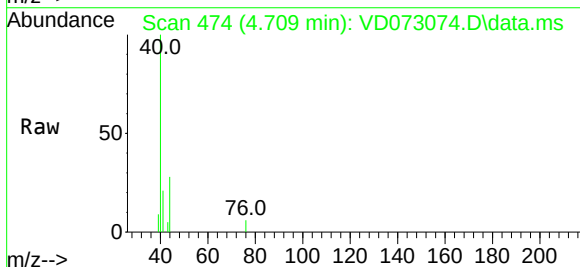
Acq: 18 May 2022 00:21

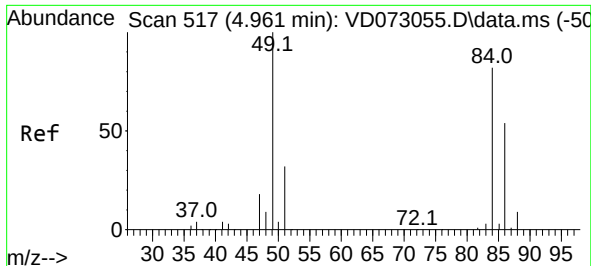
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

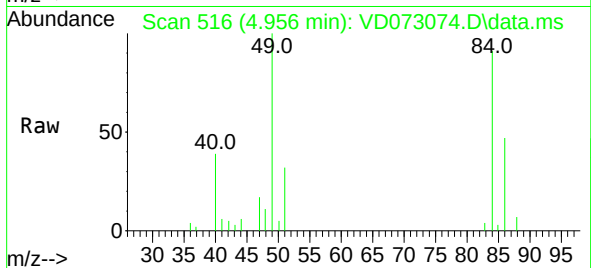
74 0.0 16.7 25.1#





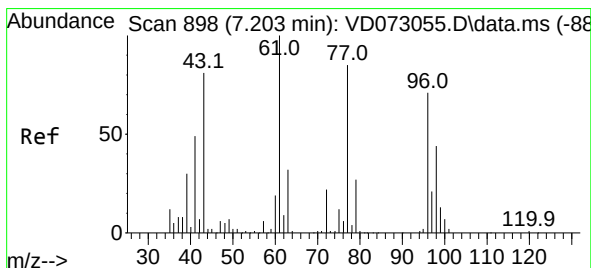
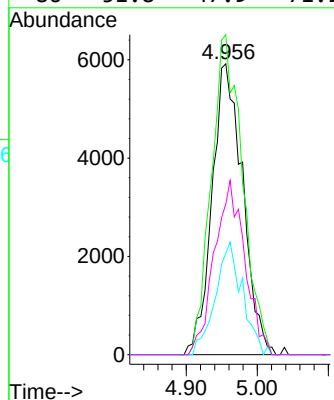
#20
Methylene Chloride
Concen: 3.389 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17709

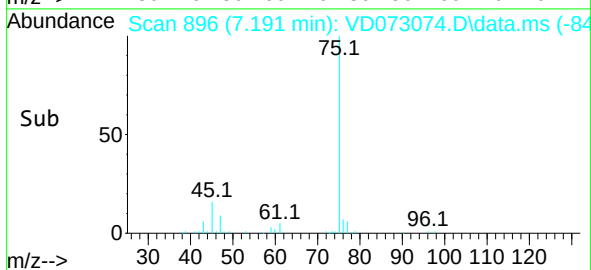
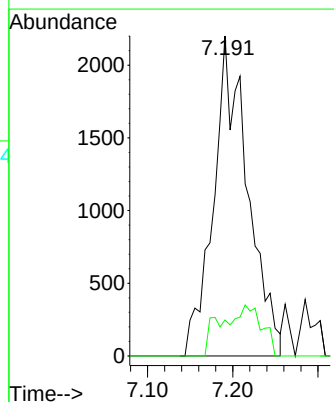
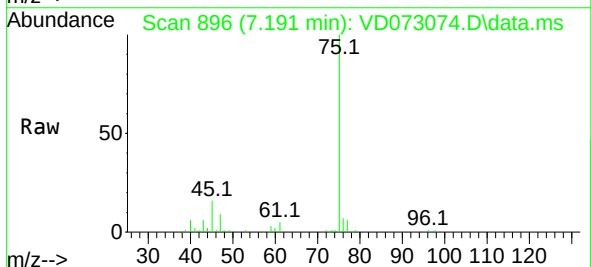
Ion	Ratio	Lower	Upper
84	100		
49	110.0	112.8	169.2#
51	34.8	32.6	48.8
86	51.8	47.9	71.9

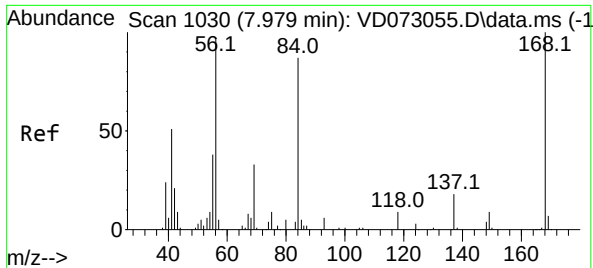


#25
2-Butanone
Concen: 5.655 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 43 Resp: 6165

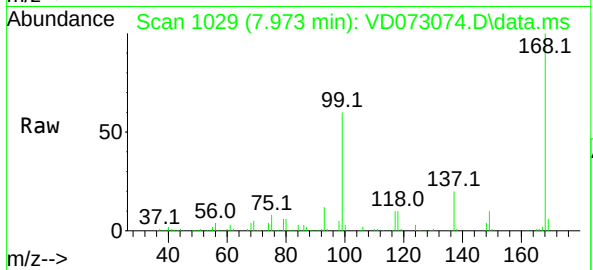
Ion	Ratio	Lower	Upper
43	100		
72	11.3	18.6	27.8#



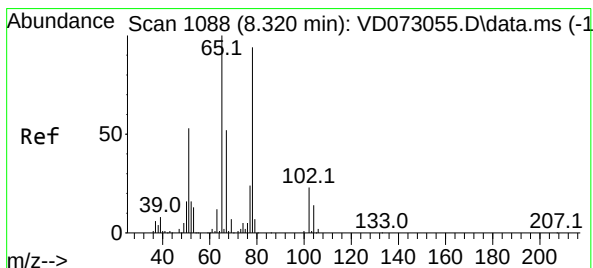
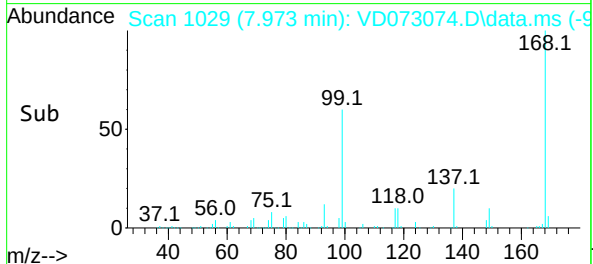
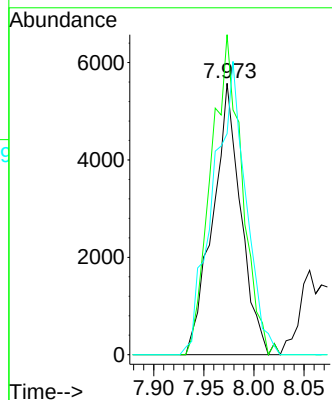


#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

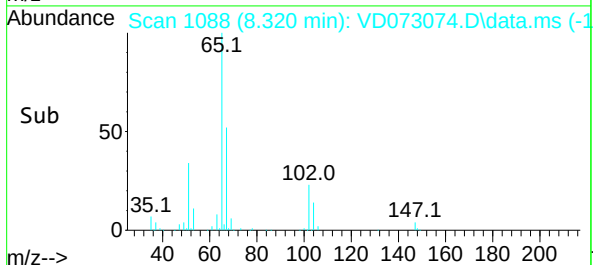
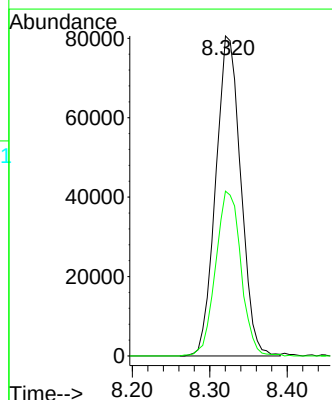
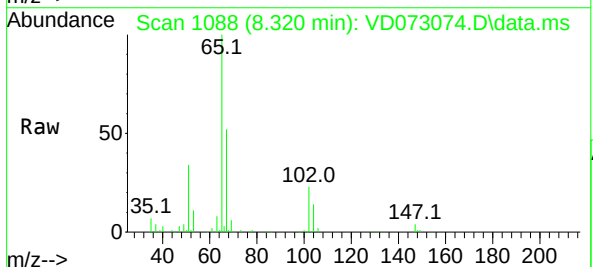


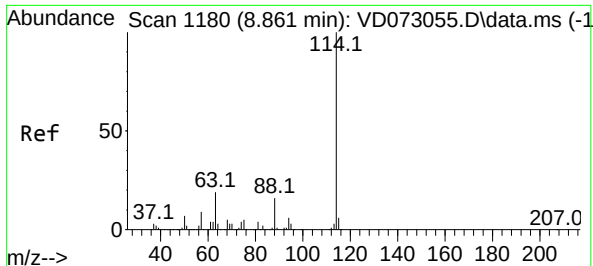
Tgt Ion: 56 Resp: 10904
Ion Ratio Lower Upper
56 100
69 117.9 25.4 38.2#
84 81.4 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 45.507 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 65 Resp: 181029
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

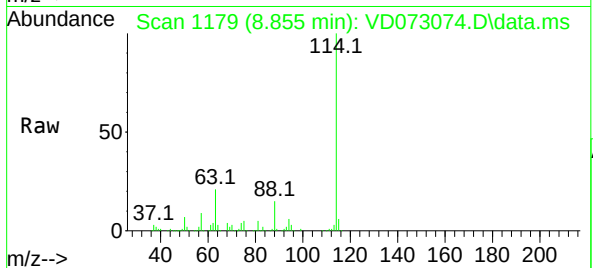
Lab File: VD073074.D

Acq: 18 May 2022 00:21

Instrument :

MSVOA_D

ClientSampleId :



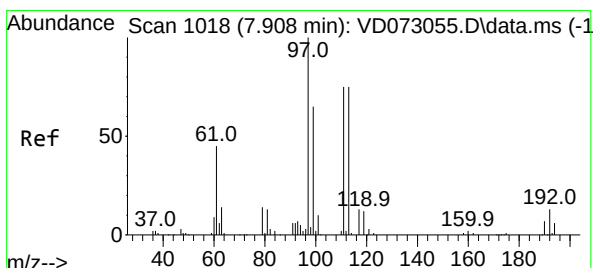
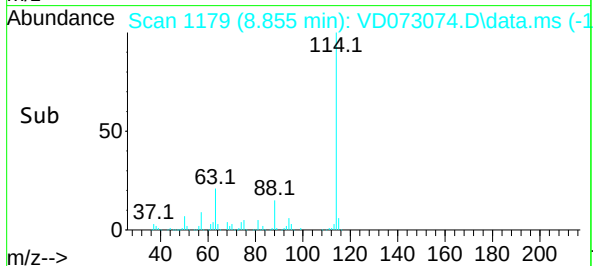
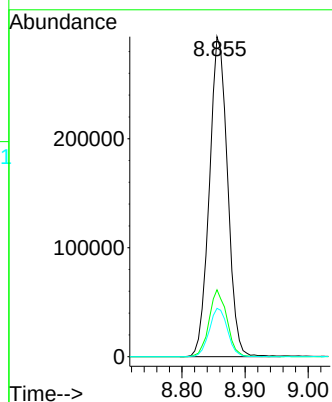
Tgt Ion:114 Resp: 587871

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 27.828 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073074.D

Acq: 18 May 2022 00:21

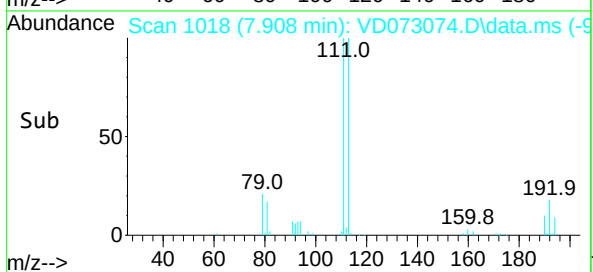
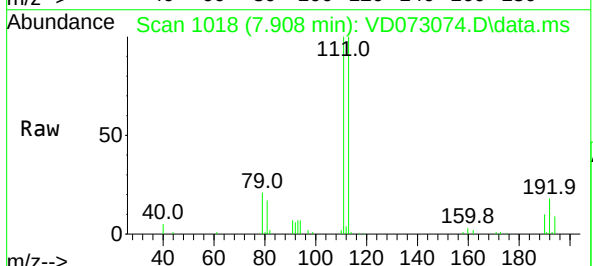
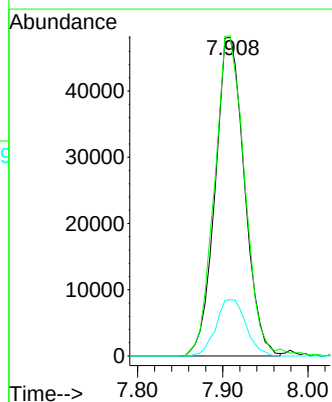
Tgt Ion:113 Resp: 114861

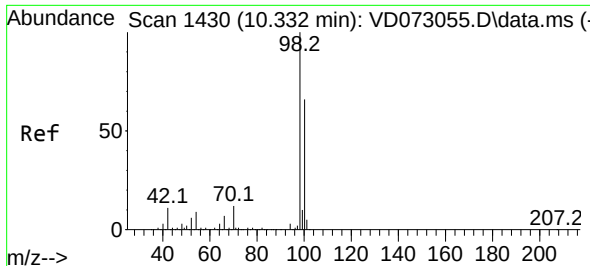
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

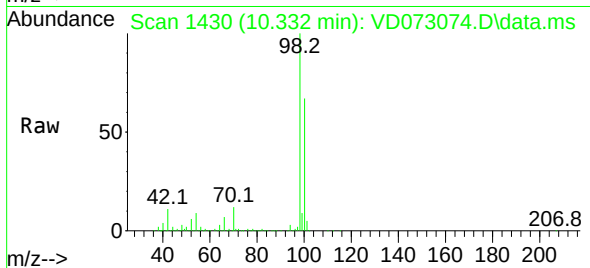
192 18.1 14.6 21.8



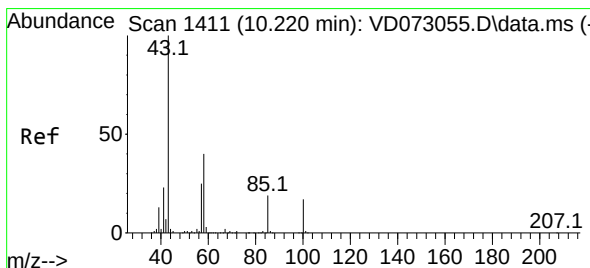
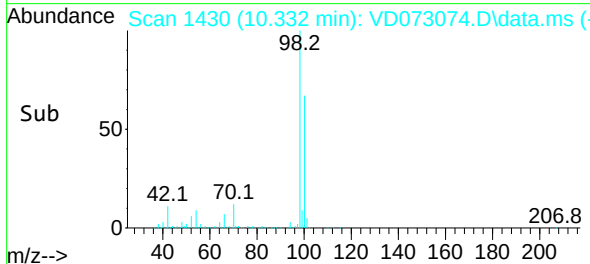
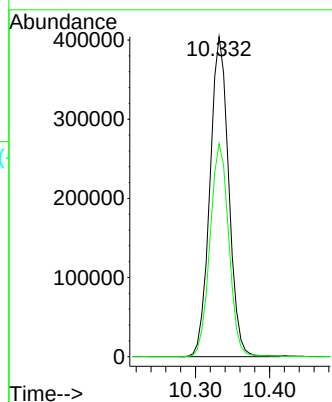


#50
Toluene-d8
Concen: 47.495 ug/l
RT: 10.332 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

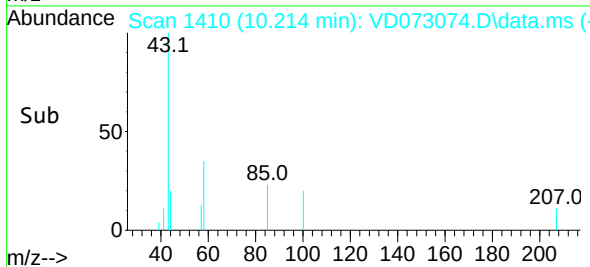
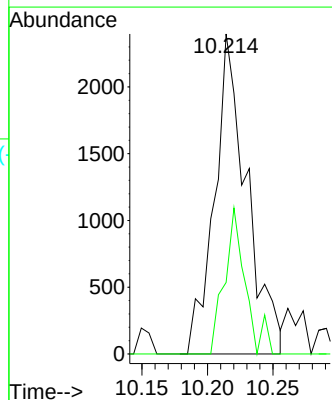
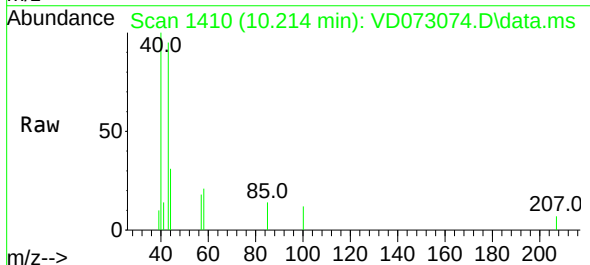


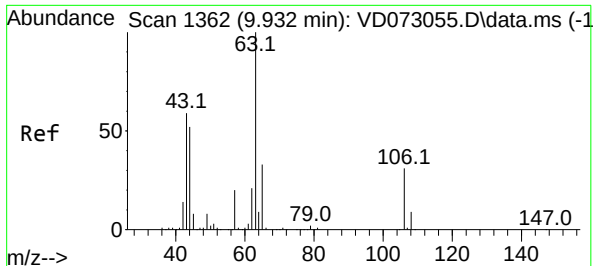
Tgt Ion: 98 Resp: 711187
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.494 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 43 Resp: 4094
Ion Ratio Lower Upper
43 100
58 29.5 28.6 43.0

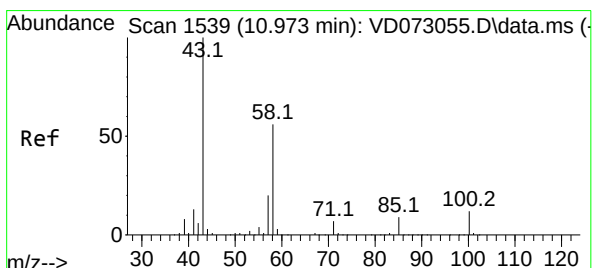
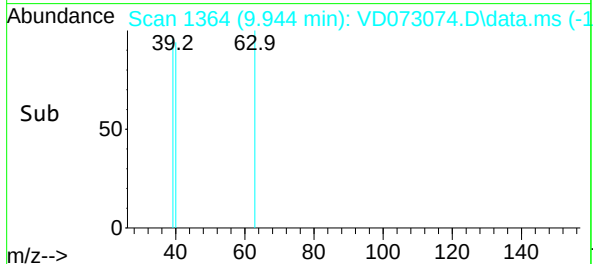
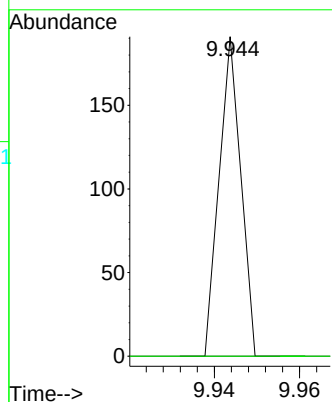
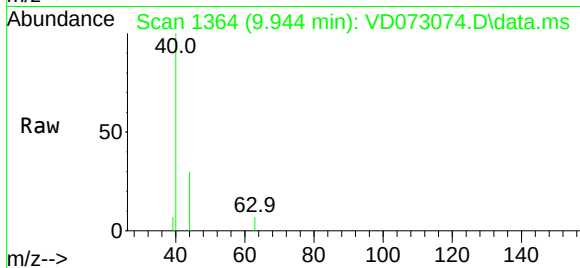




#58
2-Chloroethyl Vinyl ether
Concen: 22.883 ug/l
RT: 9.944 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

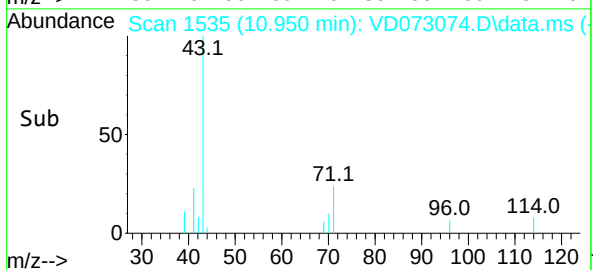
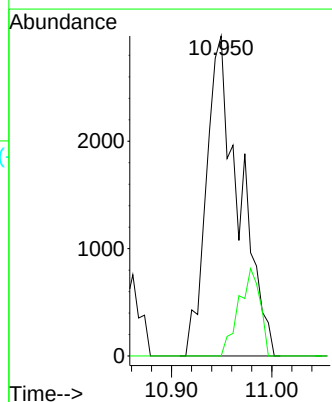
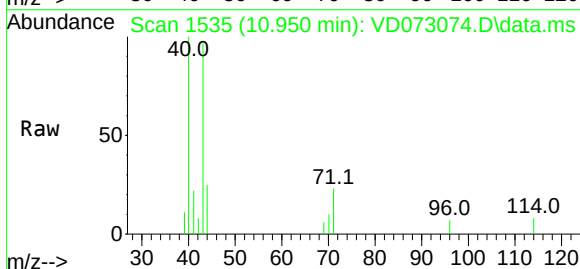
Instrument :
MSVOA_D
ClientSampleId :

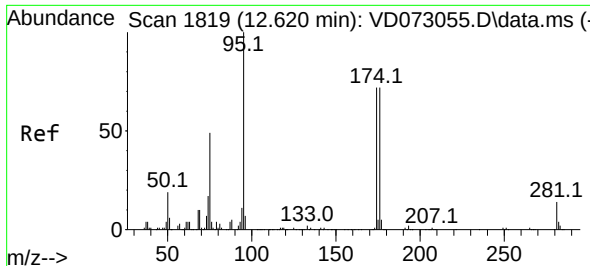
Tgt Ion: 63 Resp: 67
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 3.743 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.023 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 43 Resp: 6776
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

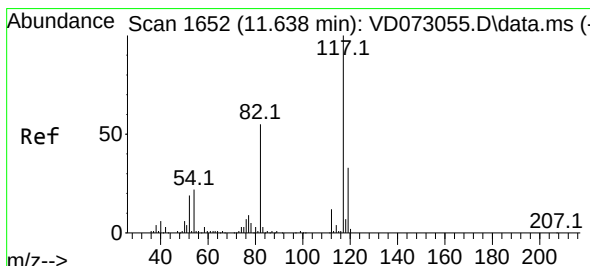
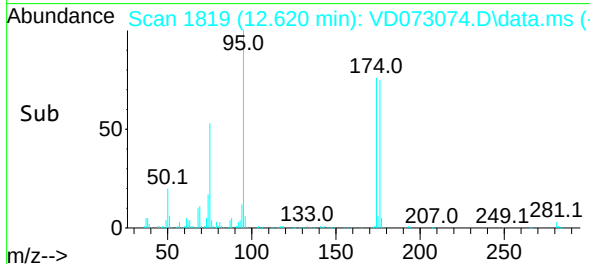
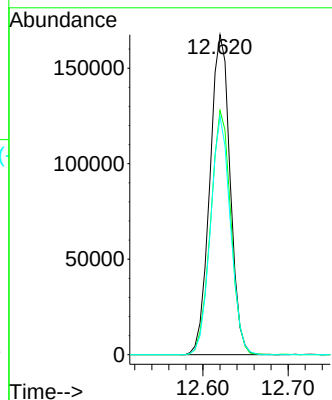
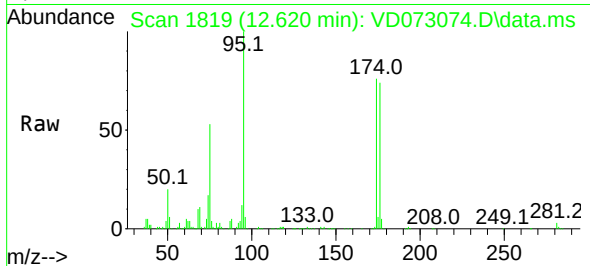




#62
4-Bromofluorobenzene
Concen: 51.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

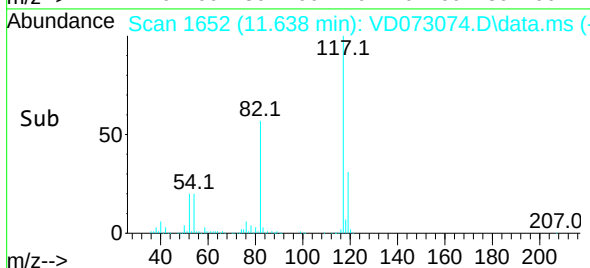
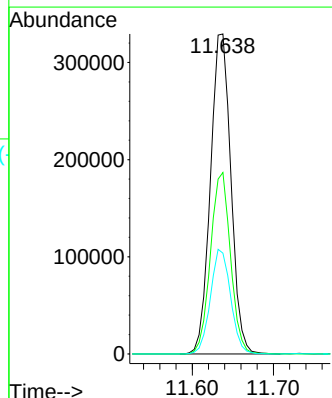
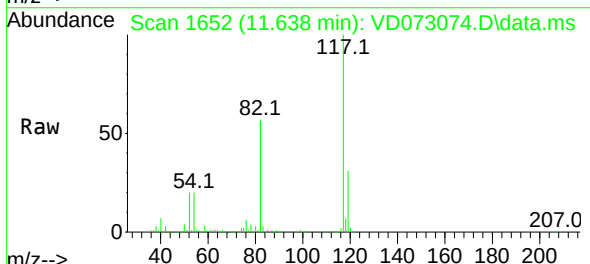
Instrument :
MSVOA_D
ClientSampleId :

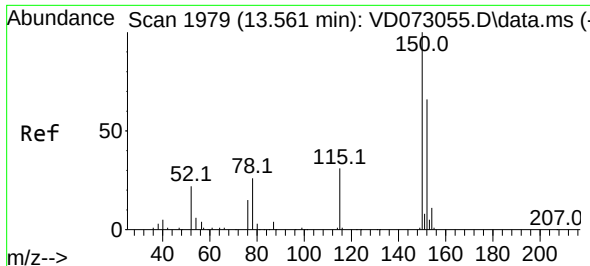
Tgt Ion: 95 Resp: 276640
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

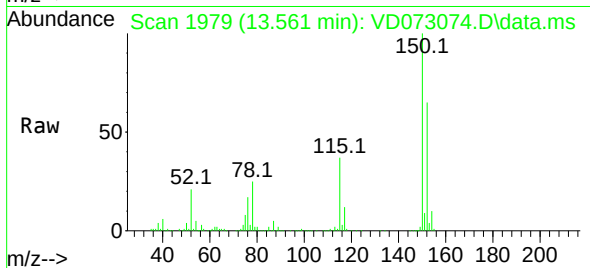
Tgt Ion: 117 Resp: 576728
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.5 26.6 40.0



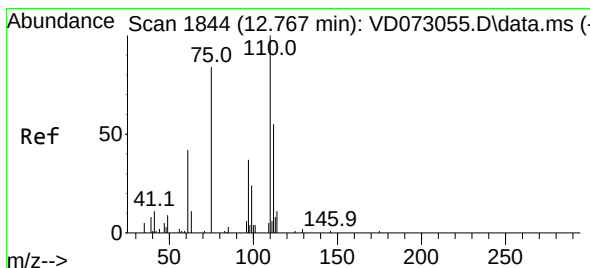
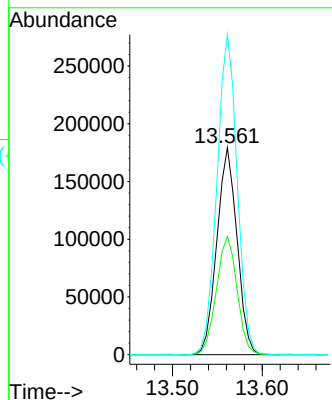
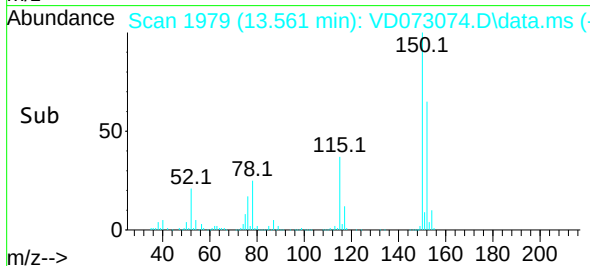


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

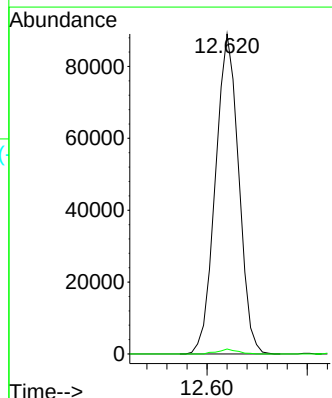
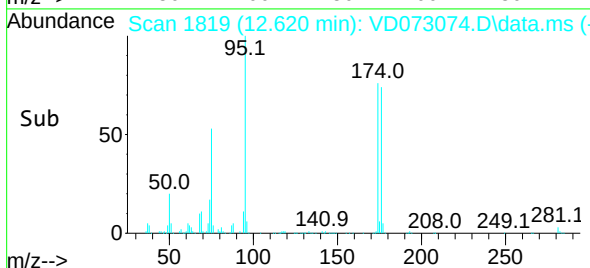
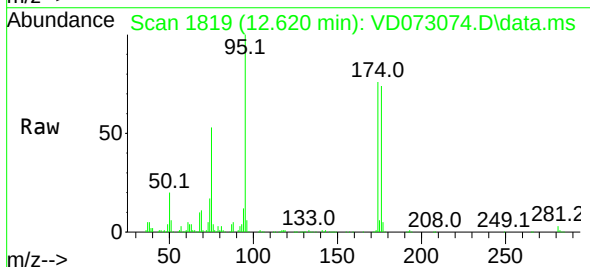


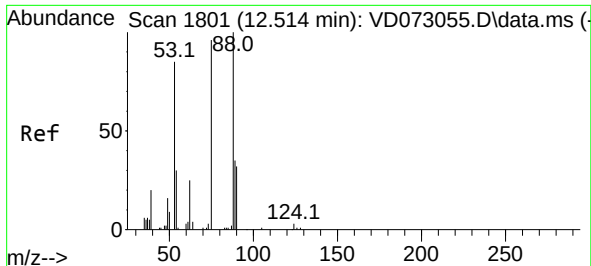
Tgt Ion:152 Resp: 280601
Ion Ratio Lower Upper
152 100
115 58.4 31.3 93.8
150 154.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.264 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion: 75 Resp: 143578
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

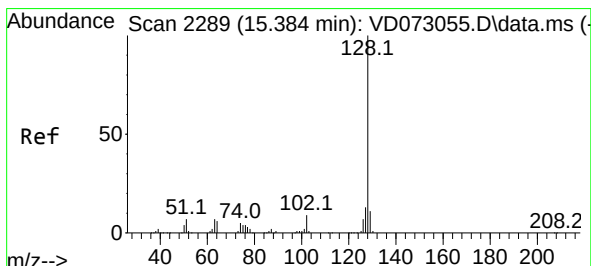
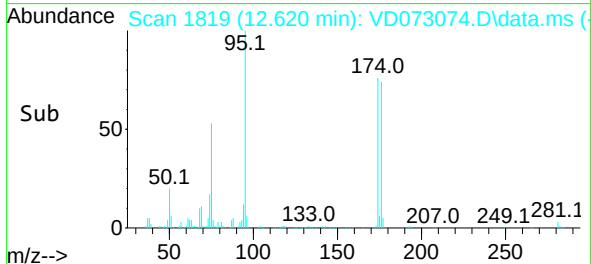
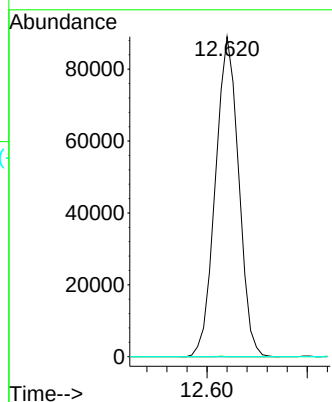
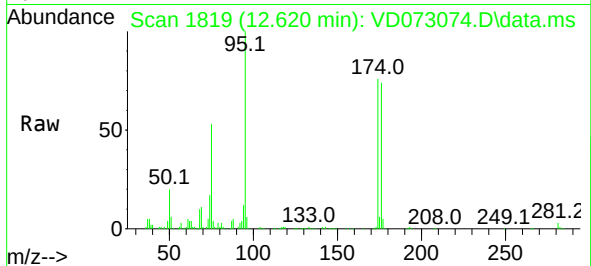




#81
trans-1,4-Dichloro-2-butene
Concen: 108.533 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 143578
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 8.182 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073074.D
Acq: 18 May 2022 00:21

Tgt Ion:128 Resp: 46871
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.4 12.6

