

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073076.D
 Acq On : 18 May 2022 01:19
 Operator : VA/SY
 Sample : N2824-03
 Misc : 5.06 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:13:48 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)

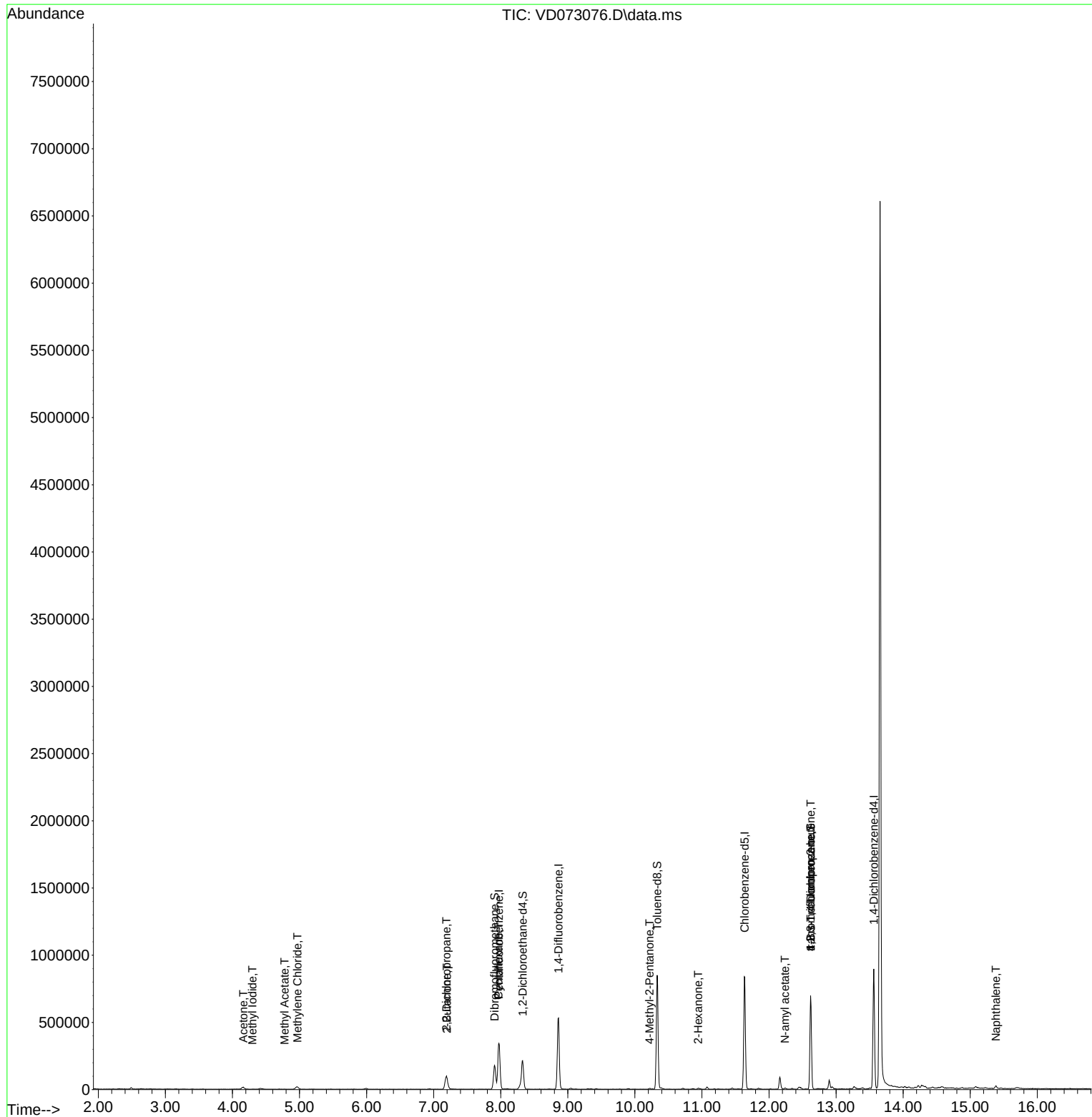
Internal Standards						
1) Pentafluorobenzene	7.973	168	256629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	454595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	167800	52.285	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.560%			
35) Dibromofluoromethane	7.909	113	129608	40.607	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 81.220%			
50) Toluene-d8	10.332	98	572663	49.457	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.620	95	227842	54.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.660%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.297	142	994	4.517	ug/l #	69
16) Acetone	4.162	43	26771	46.095	ug/l	93
18) Methyl Acetate	4.779	43	62	1.494	ug/l #	55
20) Methylene Chloride	4.968	84	13434	3.187	ug/l #	79
25) 2-Butanone	7.197	43	11606	13.197	ug/l #	90
26) 2,2-Dichloropropane	7.191	77	7204	1.349	ug/l #	54
31) Cyclohexane	7.967	56	7362	1.274	ug/l #	37
51) 4-Methyl-2-Pentanone	10.220	43	5342	2.521	ug/l	93
59) 2-Hexanone	10.944	43	4712	3.366	ug/l #	27
74) N-amyl acetate	12.238	43	5895	1.419	ug/l #	53
76) 1,2,3-Trichloropropane	12.620	75	118046	44.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	118046	106.728	ug/l #	7
95) Naphthalene	15.385	128	17050	5.967	ug/l #	97

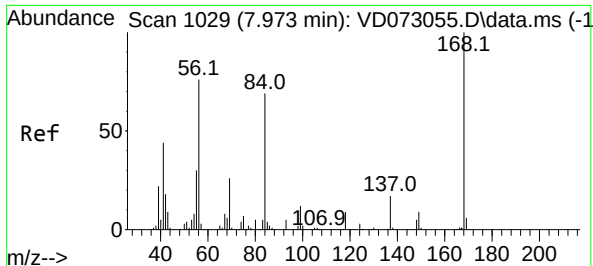
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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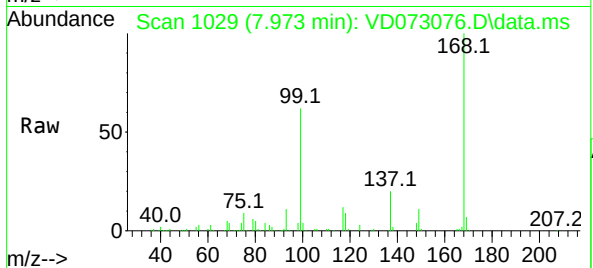
Quant Time: May 18 05:13:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
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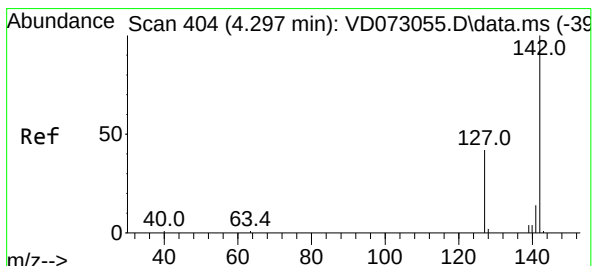
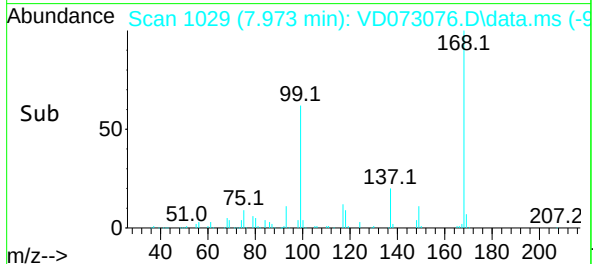
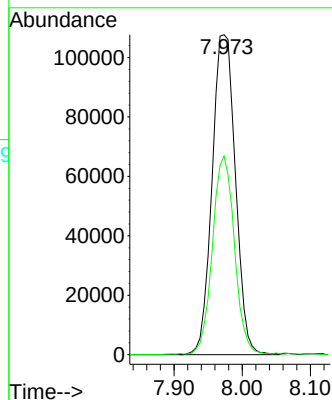


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Instrument :
MSVOA_D
ClientSampleId :

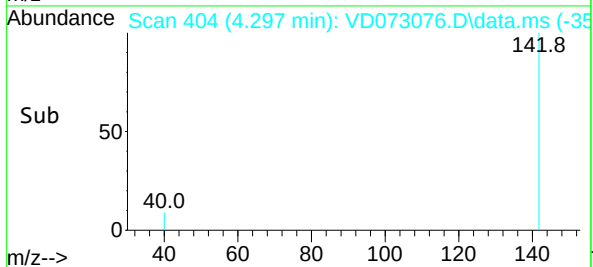
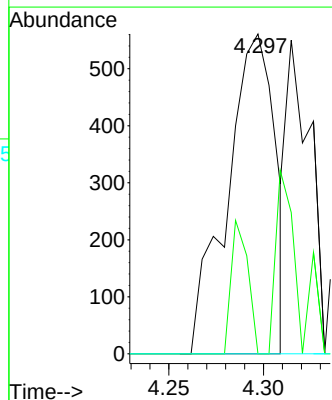
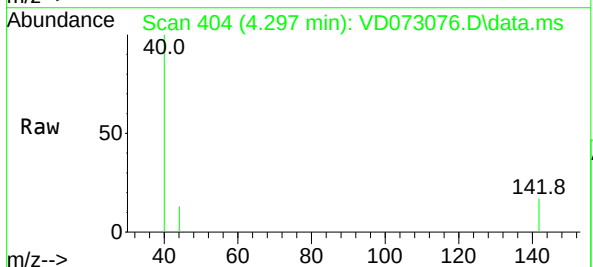


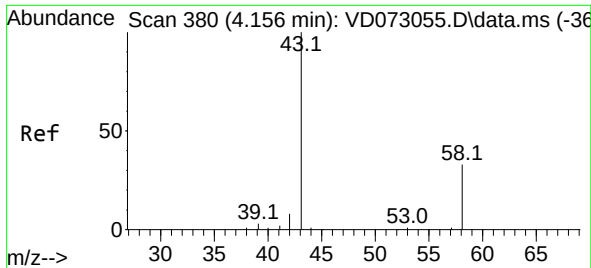
Tgt Ion:168 Resp: 256629
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.517 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion:142 Resp: 994
Ion Ratio Lower Upper
142 100
127 26.6 37.3 55.9#
141 0.0 11.7 17.5#





#16

Acetone

Concen: 46.095 ug/l

RT: 4.162 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD073076.D

Acq: 18 May 2022 01:19

Instrument :

MSVOA_D

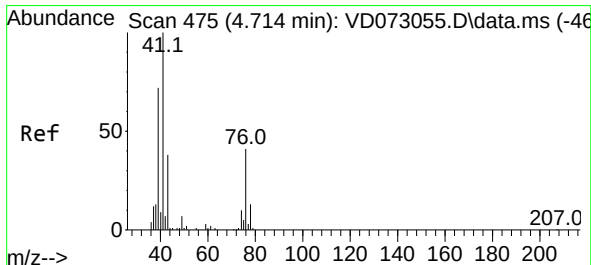
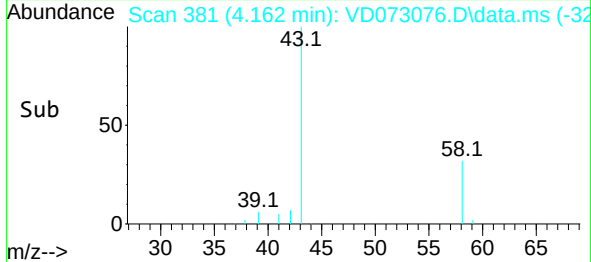
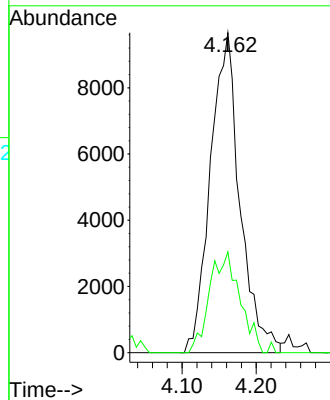
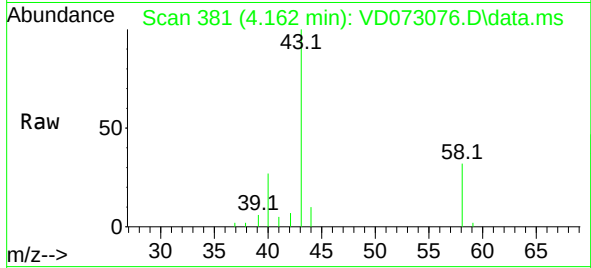
ClientSampleId :

Tgt Ion: 43 Resp: 26771

Ion Ratio Lower Upper

43 100

58 31.5 22.1 33.1



#18

Methyl Acetate

Concen: 1.494 ug/l

RT: 4.779 min Scan# 486

Delta R.T. 0.065 min

Lab File: VD073076.D

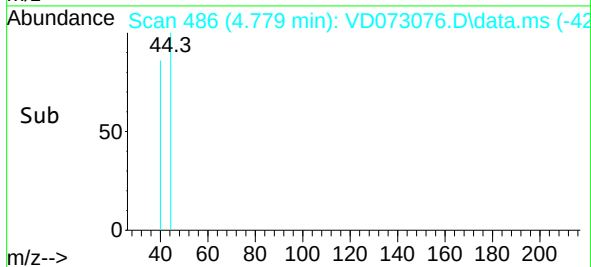
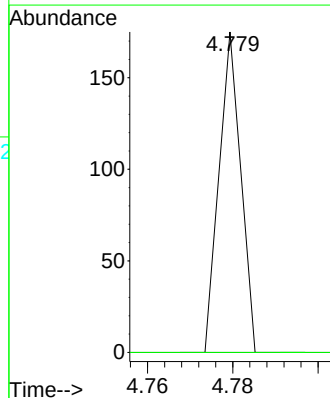
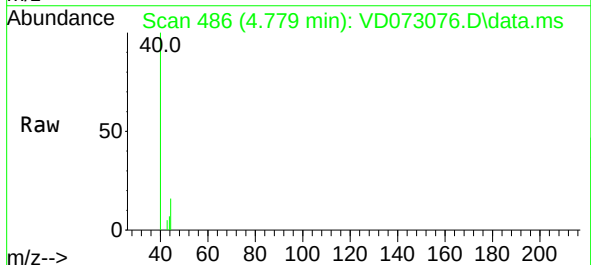
Acq: 18 May 2022 01:19

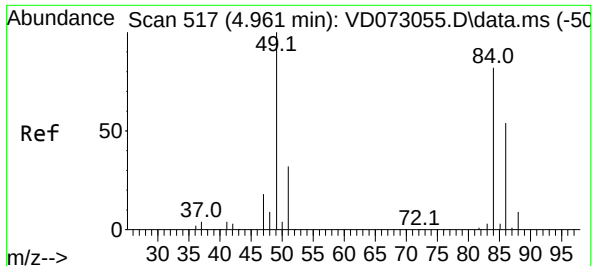
Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

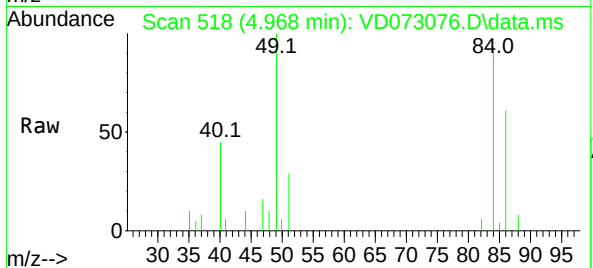
74 0.0 16.7 25.1#



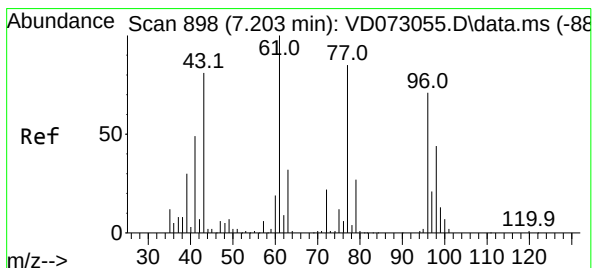
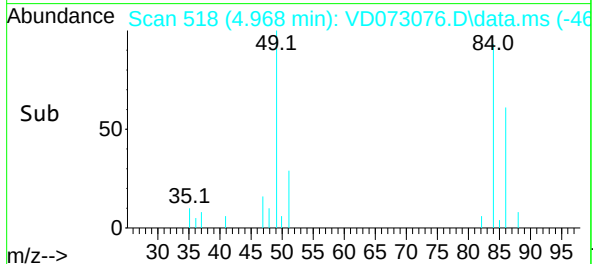
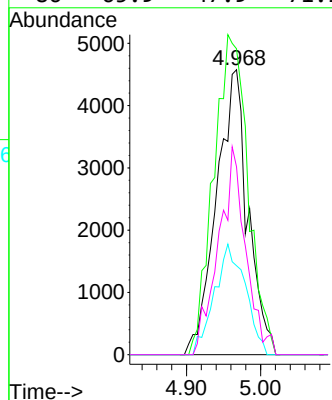


#20
Methylene Chloride
Concen: 3.187 ug/l
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Instrument :
MSVOA_D
ClientSampleId :

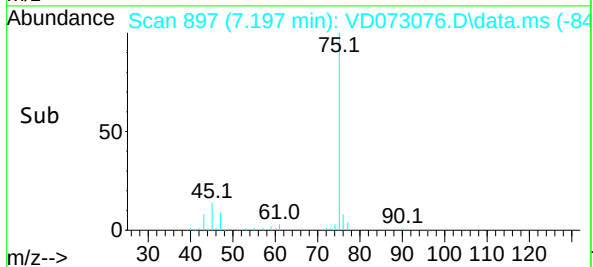
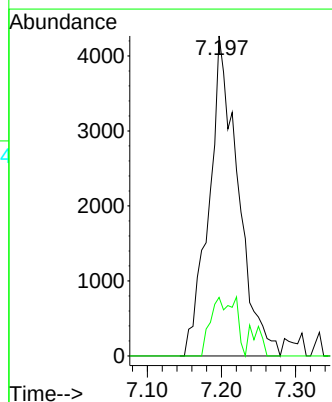
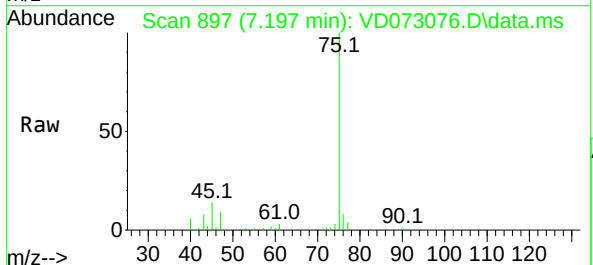


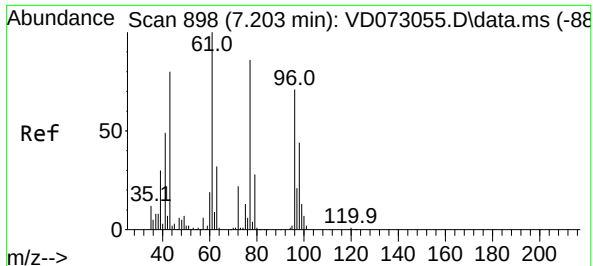
Tgt Ion: 84 Resp: 13434
Ion Ratio Lower Upper
84 100
49 107.4 112.8 169.2#
51 31.2 32.6 48.8#
86 65.9 47.9 71.9



#25
2-Butanone
Concen: 13.197 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion: 43 Resp: 11606
Ion Ratio Lower Upper
43 100
72 18.3 18.6 27.8#





#26

2,2-Dichloropropane

Concen: 1.349 ug/l

RT: 7.191 min Scan# 89

Delta R.T. -0.012 min

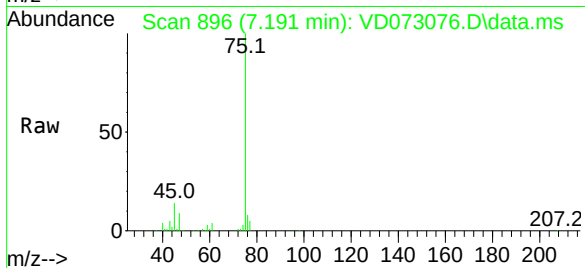
Lab File: VD073076.D

Acq: 18 May 2022 01:19

Instrument :

MSVOA_D

ClientSampleId :

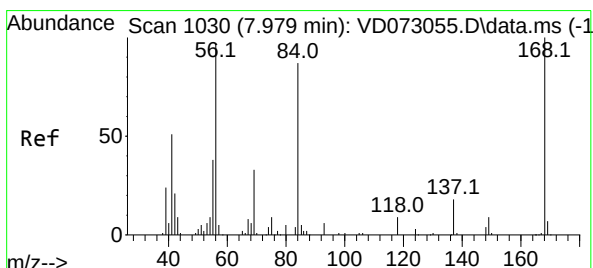
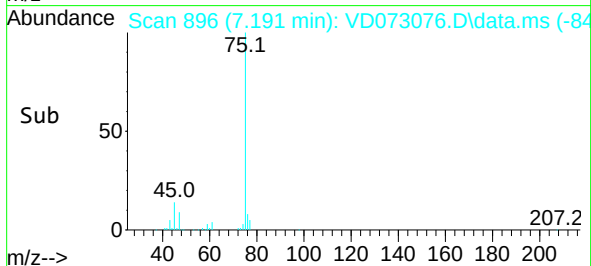
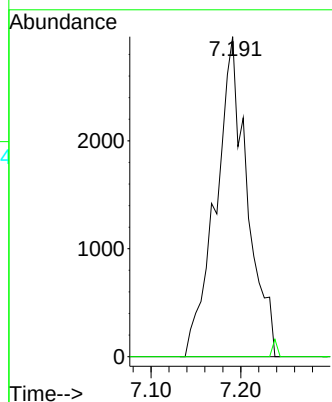


Tgt Ion: 77 Resp: 7204

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#31

Cyclohexane

Concen: 1.274 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073076.D

Acq: 18 May 2022 01:19

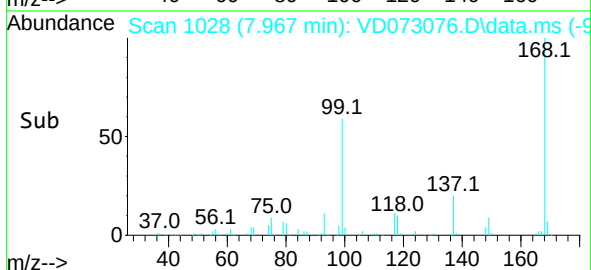
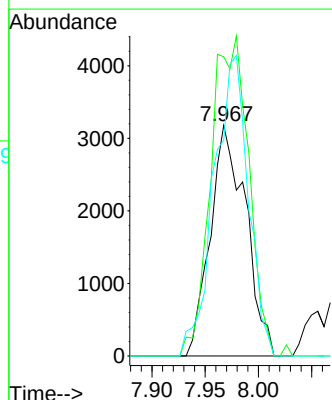
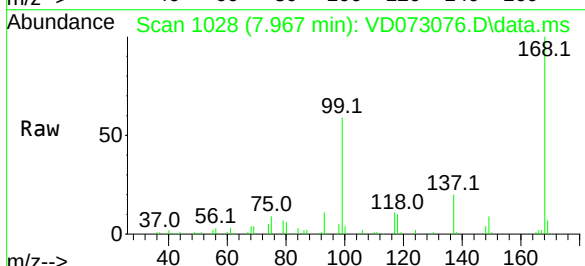
Tgt Ion: 56 Resp: 7362

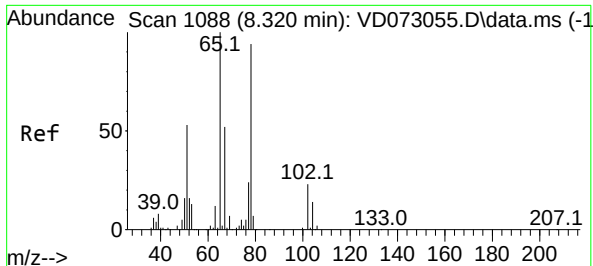
Ion Ratio Lower Upper

56 100

69 129.8 25.4 38.2#

84 93.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 52.285 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073076.D

Acq: 18 May 2022 01:19

Instrument :

MSVOA_D

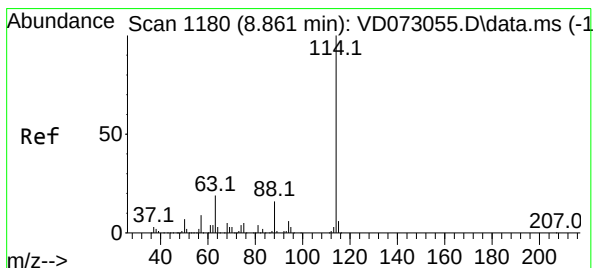
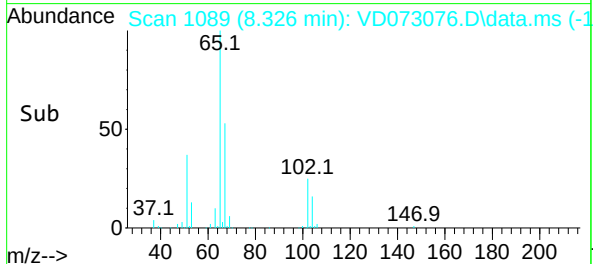
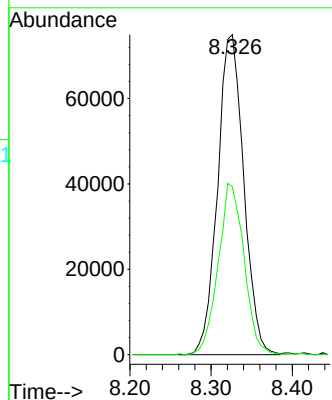
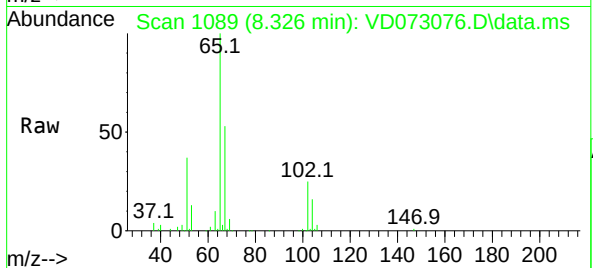
ClientSampleId :

Tgt Ion: 65 Resp: 167800

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073076.D

Acq: 18 May 2022 01:19

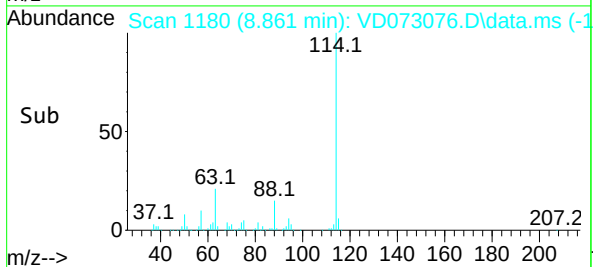
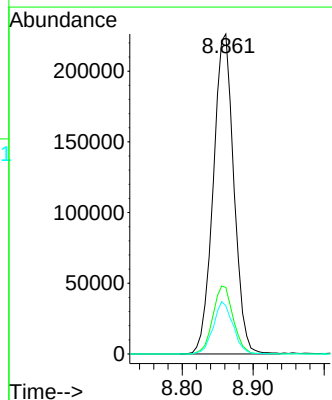
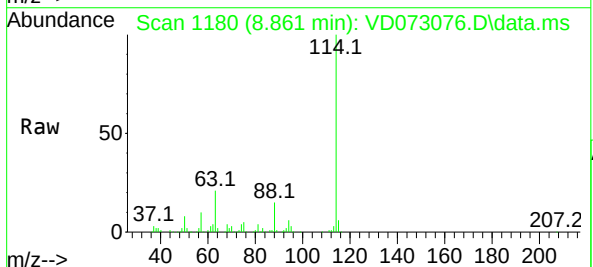
Tgt Ion: 114 Resp: 454595

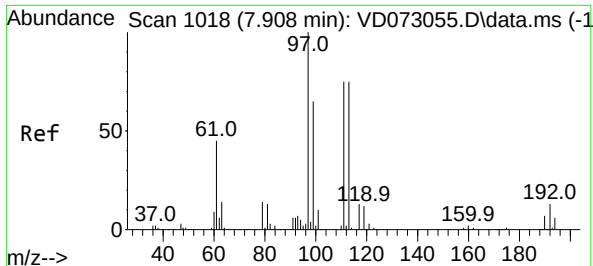
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 40.607 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

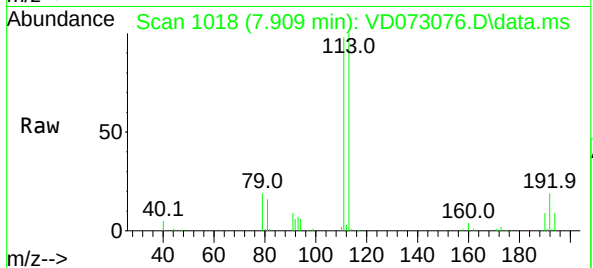
Lab File: VD073076.D

Acq: 18 May 2022 01:19

Instrument :

MSVOA_D

ClientSampleId :



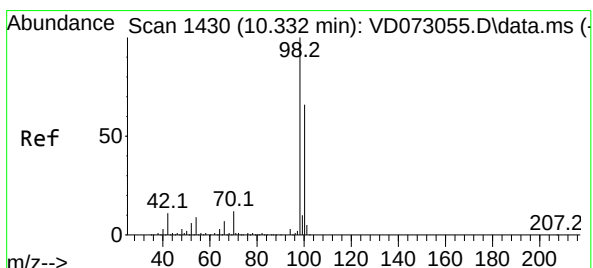
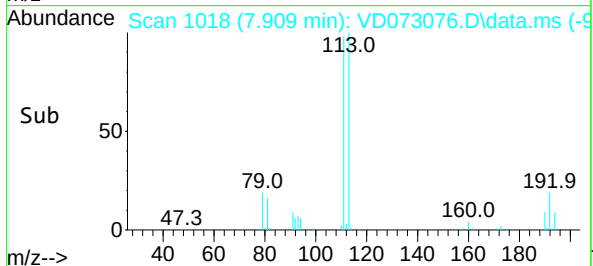
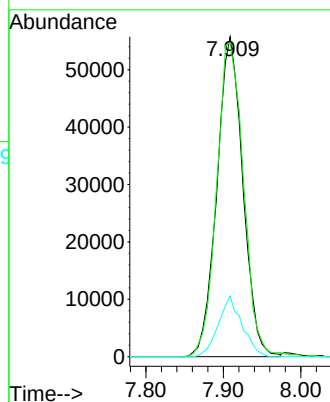
Tgt Ion:113 Resp: 129608

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.3 14.6 21.8



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073076.D

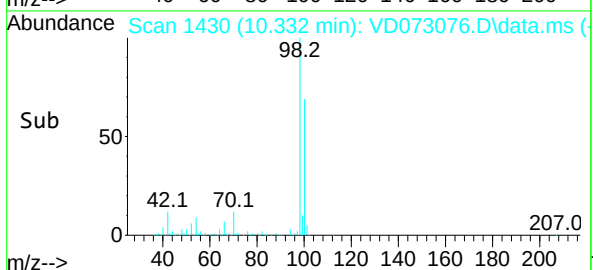
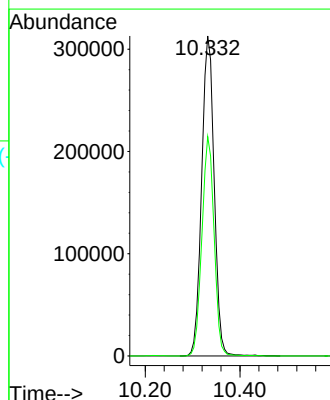
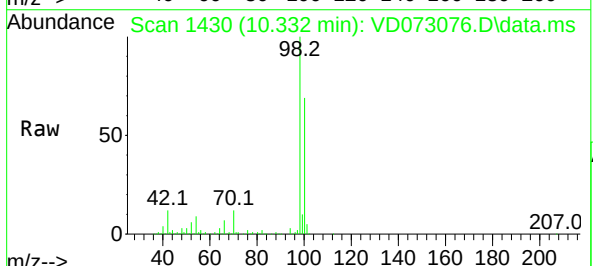
Acq: 18 May 2022 01:19

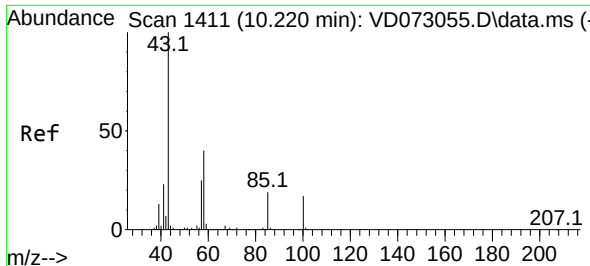
Tgt Ion: 98 Resp: 572663

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

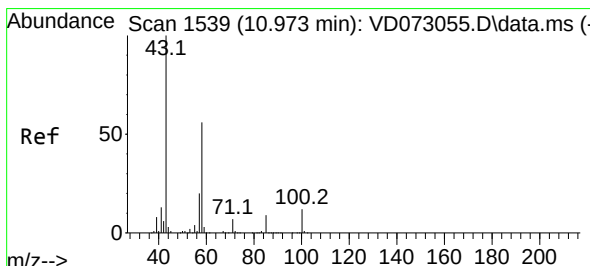
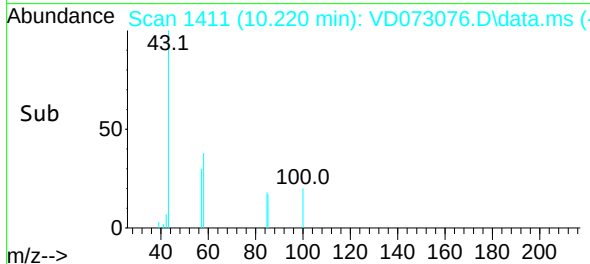
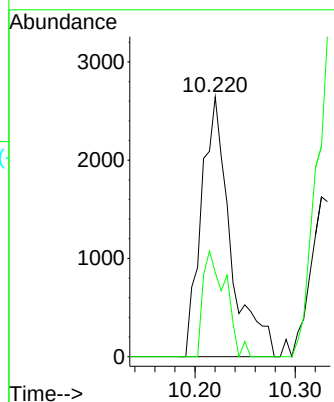
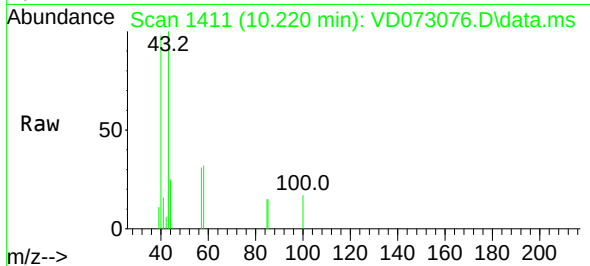




#51
4-Methyl-2-Pentanone
Concen: 2.521 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

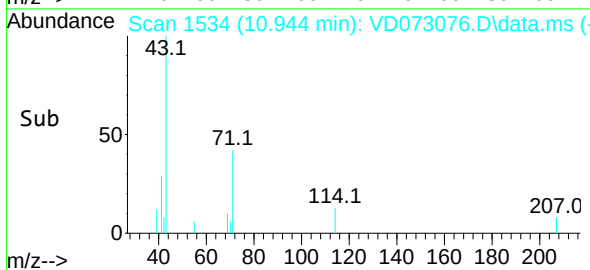
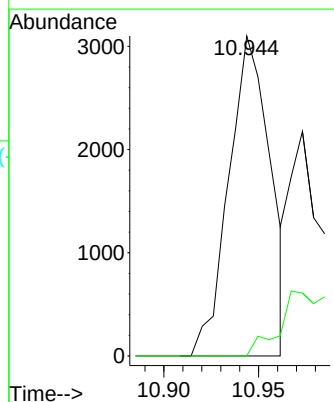
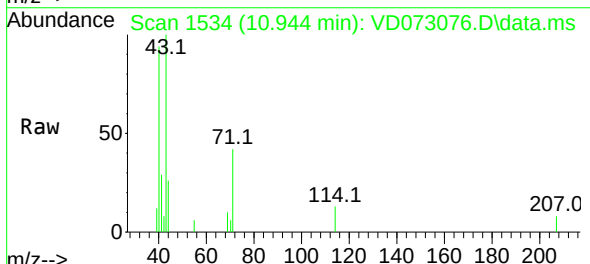
Instrument :
MSVOA_D
ClientSampleId :

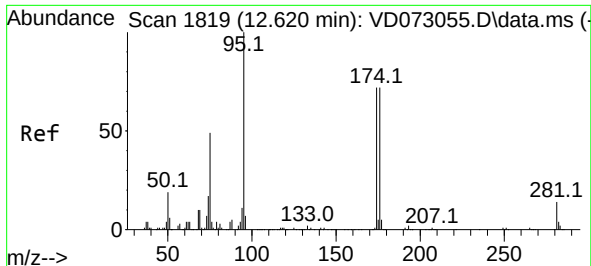
Tgt Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
58 31.5 28.6 43.0



#59
2-Hexanone
Concen: 3.366 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

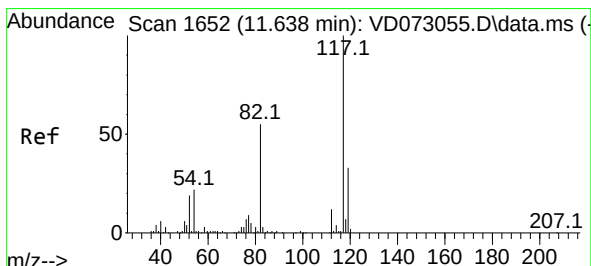
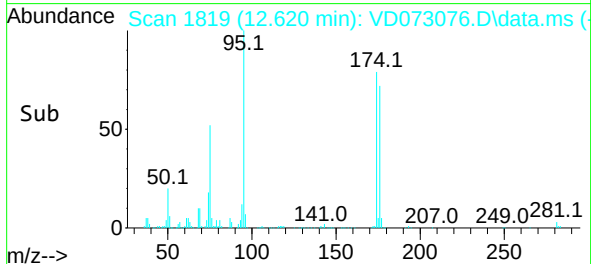
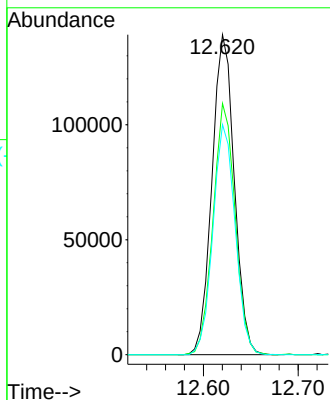
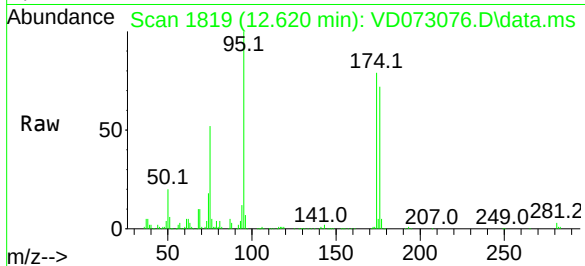




#62
4-Bromofluorobenzene
Concen: 54.327 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

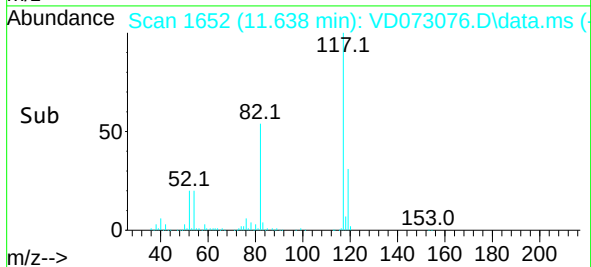
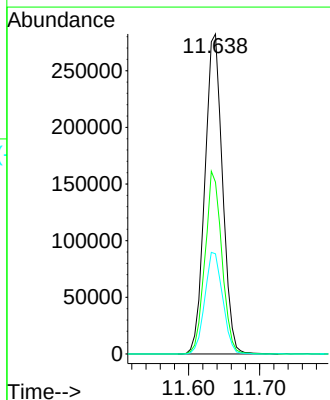
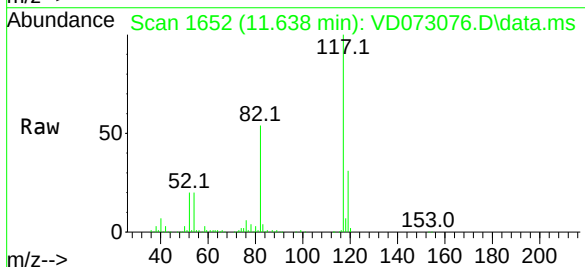
Instrument :
MSVOA_D
ClientSampleId :

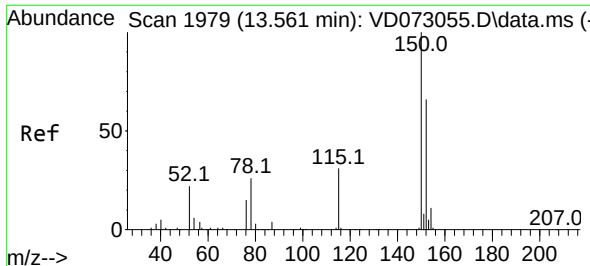
Tgt Ion: 95 Resp: 227842
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

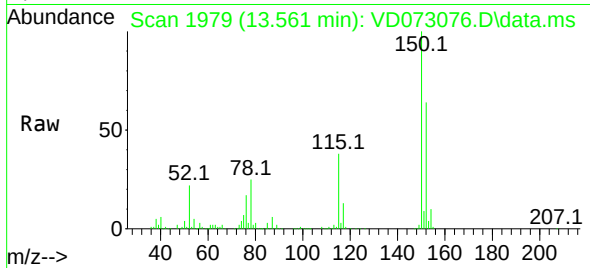
Tgt Ion: 117 Resp: 487386
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 31.3 26.6 40.0



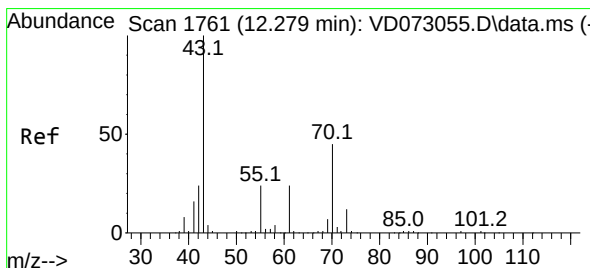
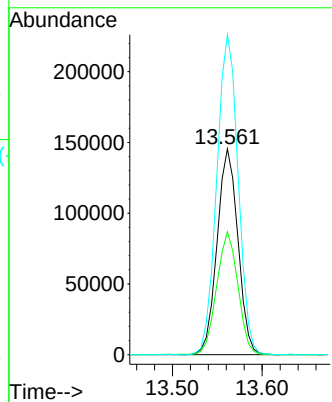
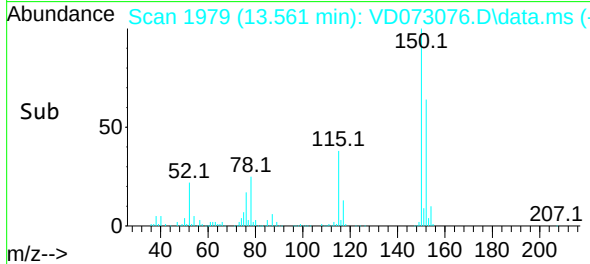


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073076.D
 Acq: 18 May 2022 01:19

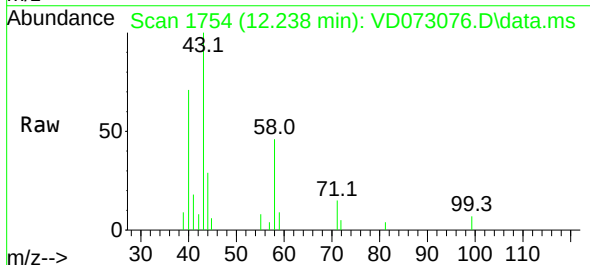
Instrument :
 MSVOA_D
 ClientSampleId :



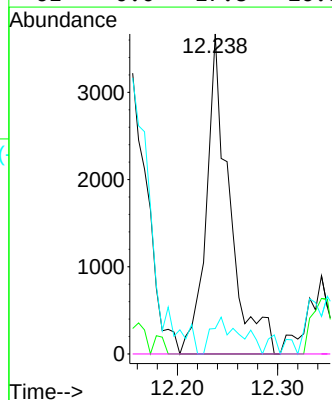
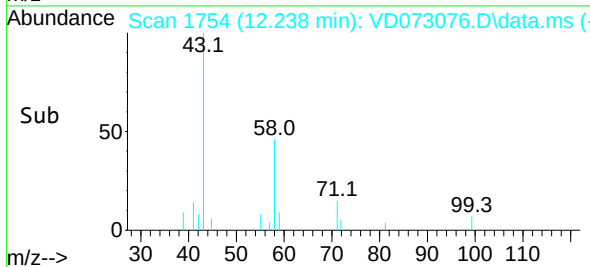
Tgt Ion:152 Resp: 234603
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 159.1 0.0 348.6

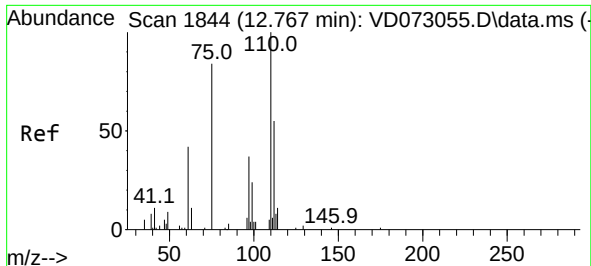


#74
 N-ethyl acetate
 Concen: 1.419 ug/l
 RT: 12.238 min Scan# 1754
 Delta R.T. -0.041 min
 Lab File: VD073076.D
 Acq: 18 May 2022 01:19



Tgt Ion: 43 Resp: 5895
 Ion Ratio Lower Upper
 43 100
 70 0.0 31.3 46.9#
 55 14.0 20.0 30.0#
 61 0.0 17.8 26.8#

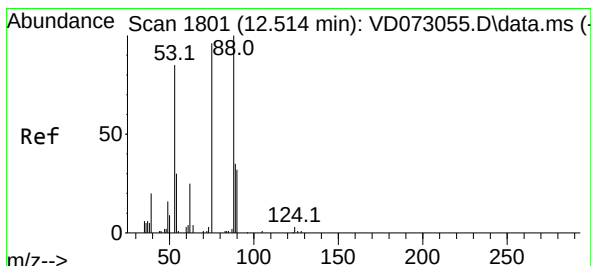
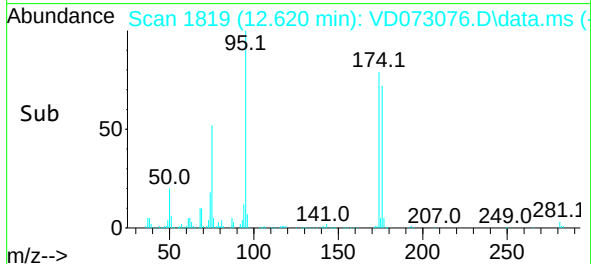
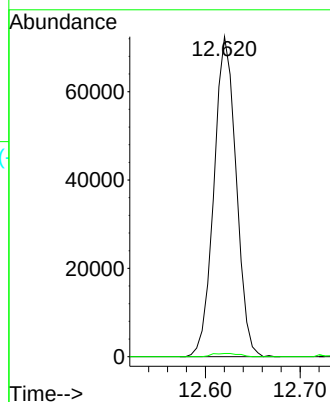
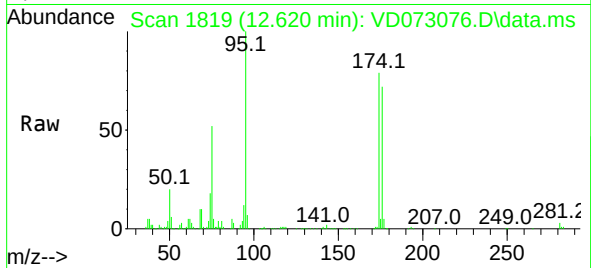




#76
1,2,3-Trichloropropane
Concen: 44.512 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

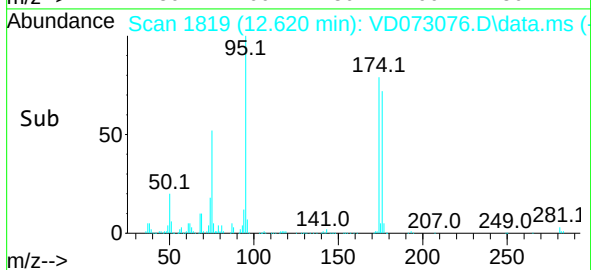
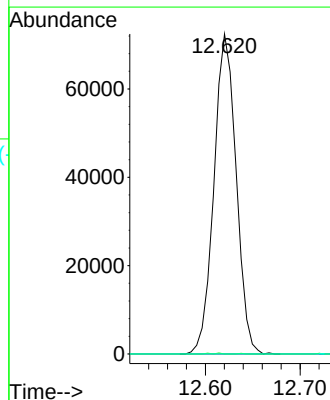
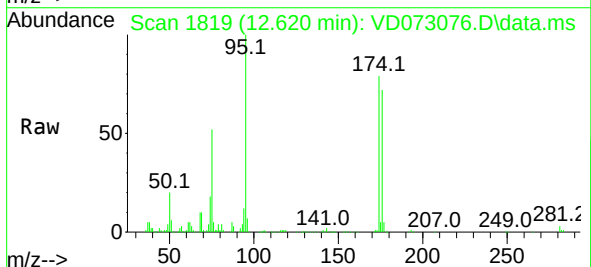
Instrument :
MSVOA_D
ClientSampleId :

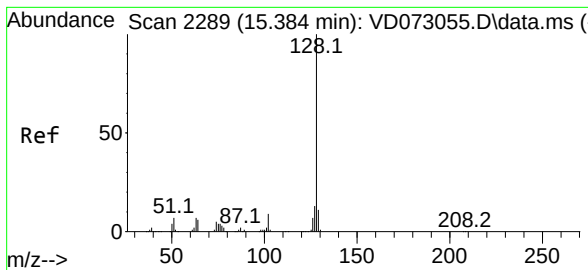
Tgt Ion: 75 Resp: 118046
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073076.D
Acq: 18 May 2022 01:19

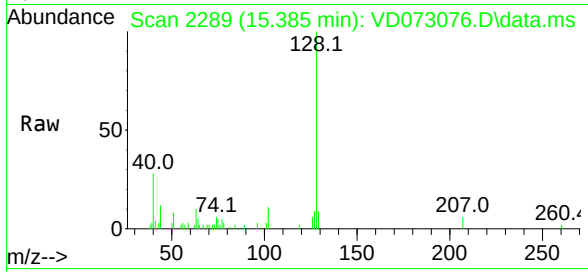
Tgt Ion: 75 Resp: 118046
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 5.967 ug/l
 RT: 15.385 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD073076.D
 Acq: 18 May 2022 01:19

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	17050
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	12.7	8.4	12.6#

