

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073215.D
 Acq On : 21 May 2022 07:47
 Operator : VA/SY
 Sample : N2885-11
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-0612-01

Quant Time: May 22 00:00:39 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)

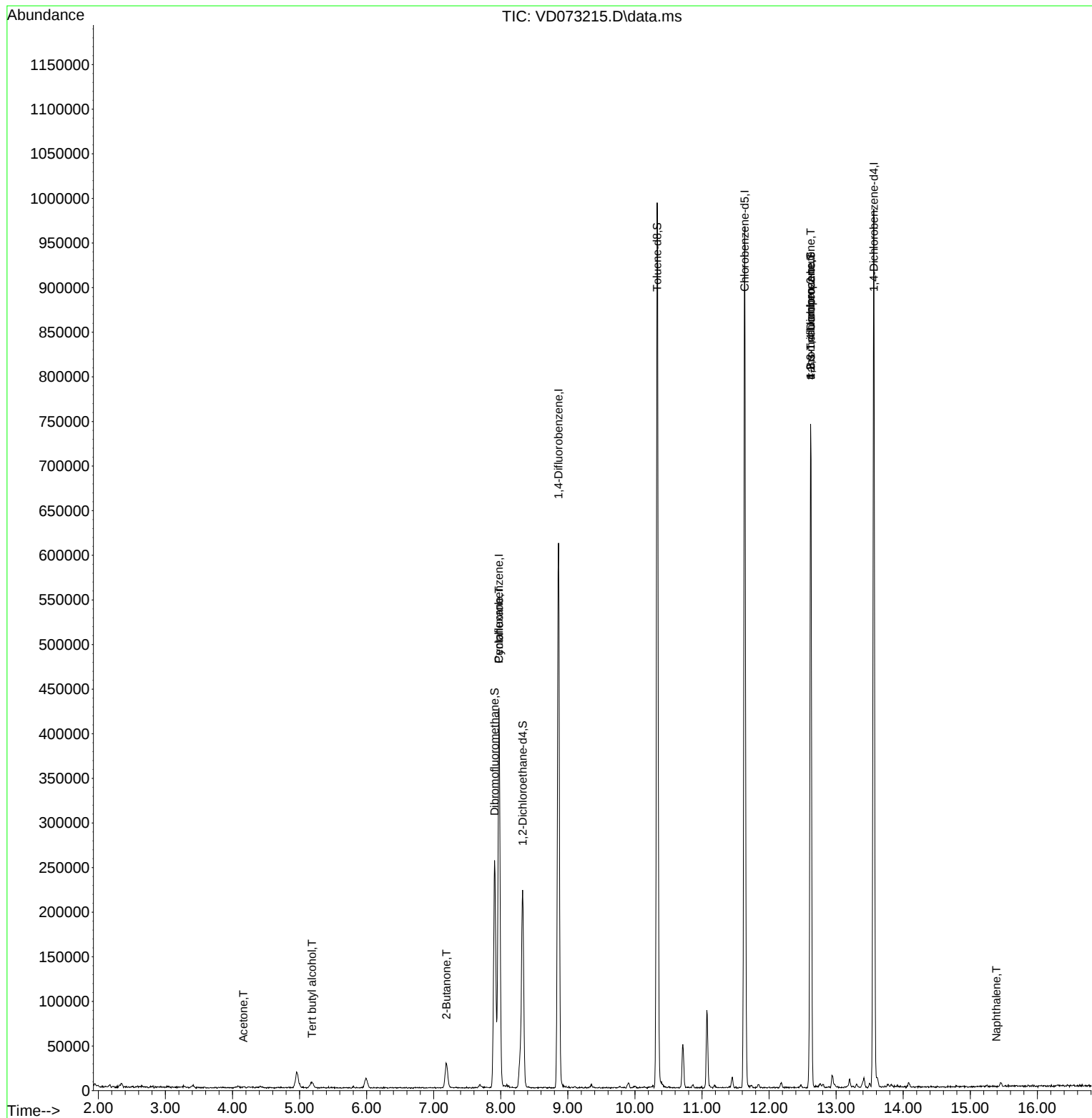
Internal Standards						
1) Pentafluorobenzene	7.973	168	298829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	526990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	551638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174670	52.890	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.780%		
35) Dibromofluoromethane	7.908	113	181490	52.191	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.380%		
50) Toluene-d8	10.332	98	652868	50.931	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.860%		
62) 4-Bromofluorobenzene	12.620	95	245685	54.614	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 109.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	792	Below Cal		95
11) Tert butyl alcohol	5.185	59	6255	12.208 ug/l	#	74
16) Acetone	4.161	43	1402	2.451 ug/l		94
20) Methylene Chloride	4.961	84	12618	Below Cal	#	77
25) 2-Butanone	7.191	43	1056	1.262 ug/l	#	52
31) Cyclohexane	7.973	56	7809	1.353 ug/l	#	3
76) 1,2,3-Trichloropropane	12.620	75	123886	49.855 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123886	119.686 ug/l	#	7
95) Naphthalene	15.390	128	168	3.560 ug/l	#	60

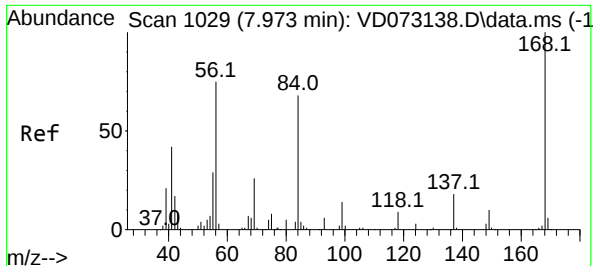
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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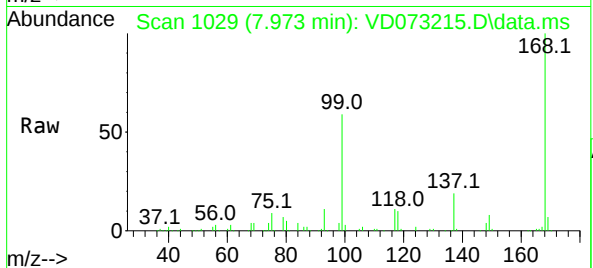
Quant Time: May 22 00:00:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



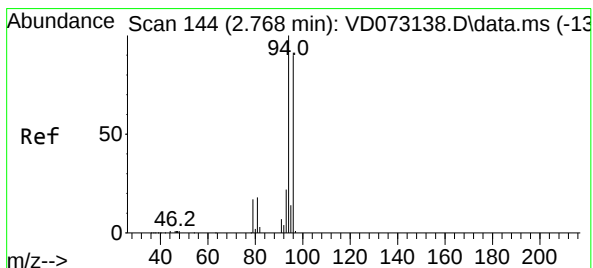
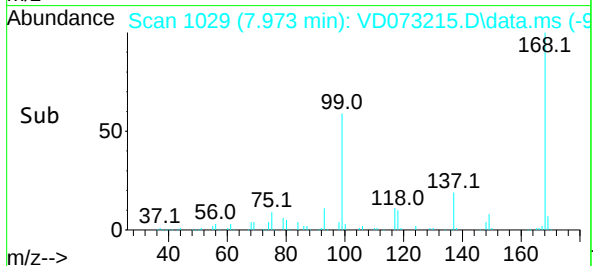
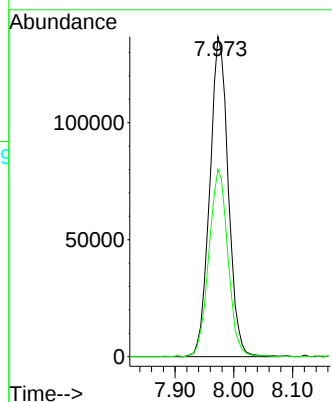


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0612-01

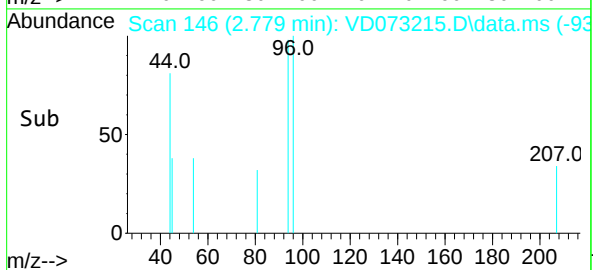
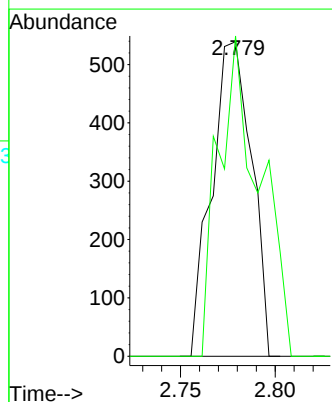
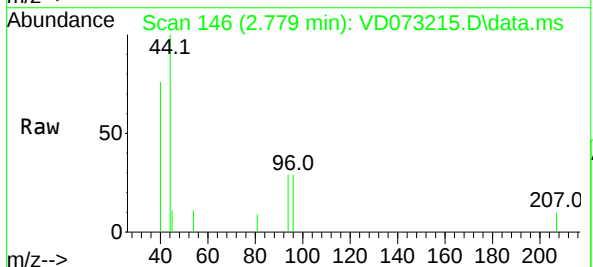


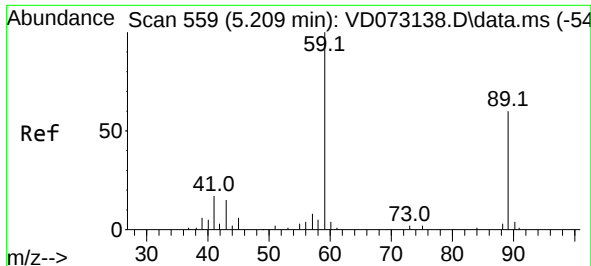
Tgt Ion:168 Resp: 298829
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Tgt Ion: 94 Resp: 792
Ion Ratio Lower Upper
94 100
96 101.9 77.6 116.4

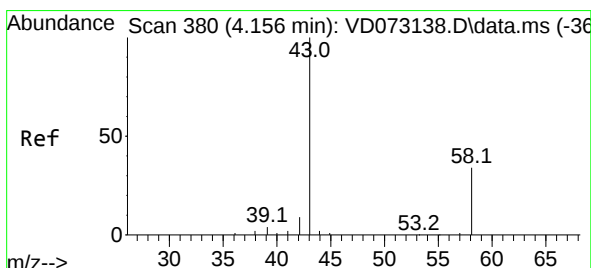
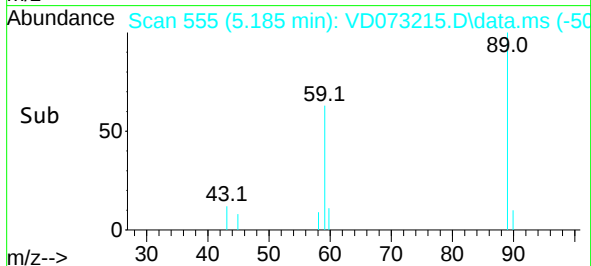
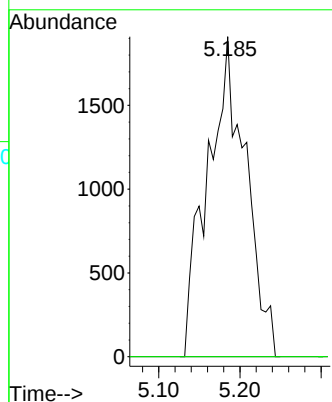
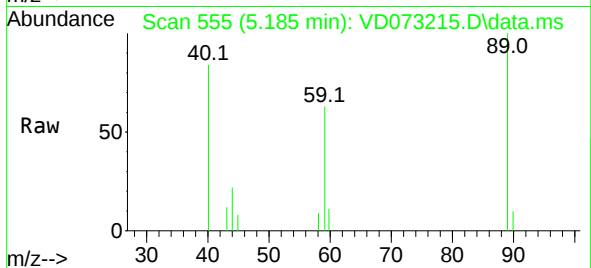




#11
Tert butyl alcohol
Concen: 12.208 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

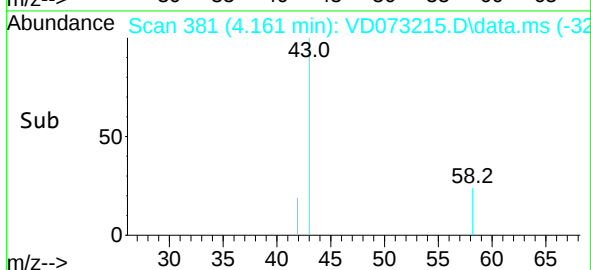
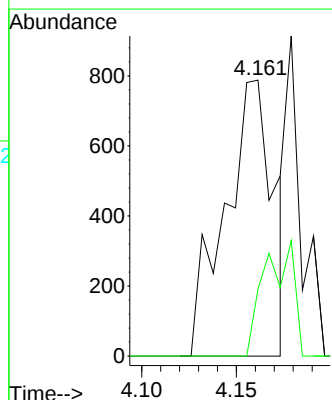
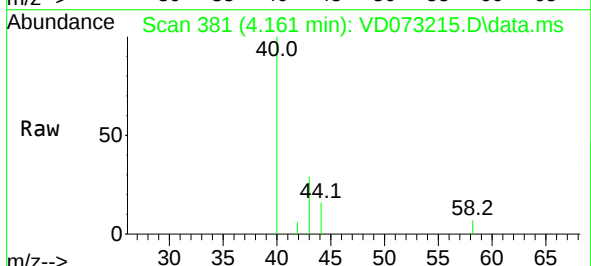
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0612-01

Tgt Ion: 59 Resp: 6255
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.451 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 24.2 22.1 33.1

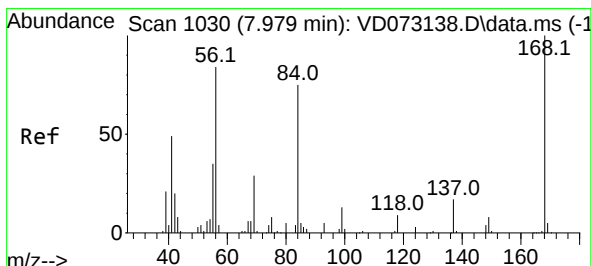
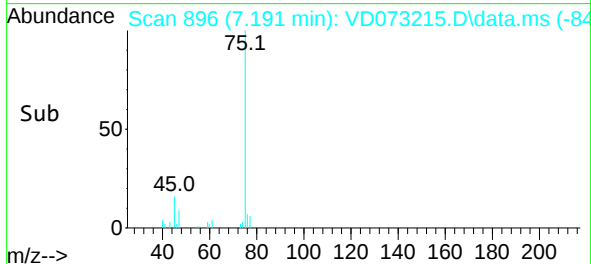
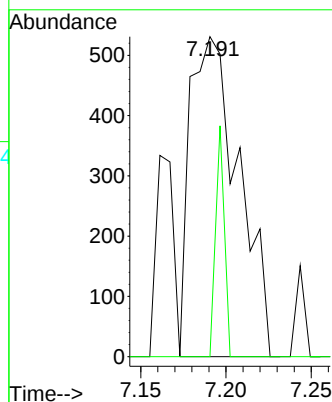
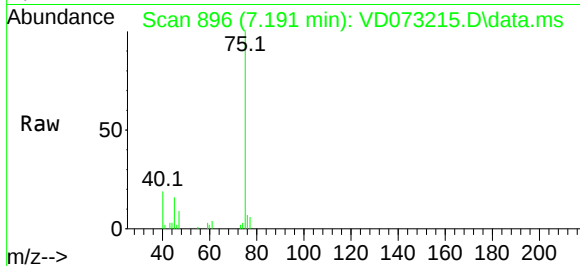




#25
2-Butanone
Concen: 1.262 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.017 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

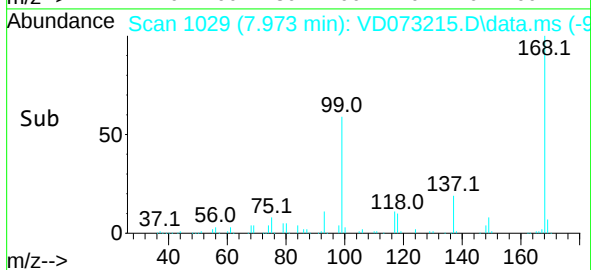
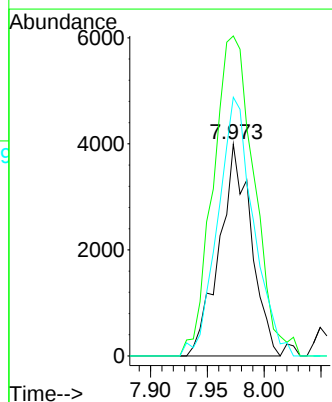
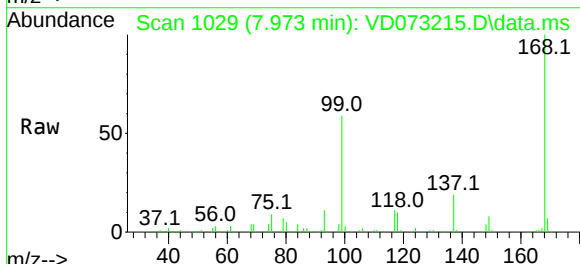
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0612-01

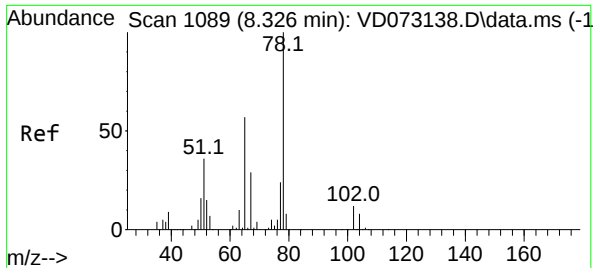
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Tgt Ion: 56 Resp: 7809
Ion Ratio Lower Upper
56 100
69 151.0 25.4 38.2#
84 122.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.890 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073215.D

Acq: 21 May 2022 07:47

Instrument :

MSVOA_D

ClientSampleId :

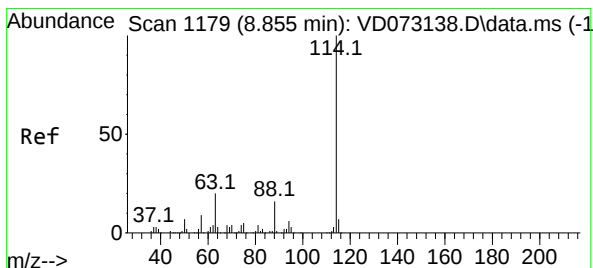
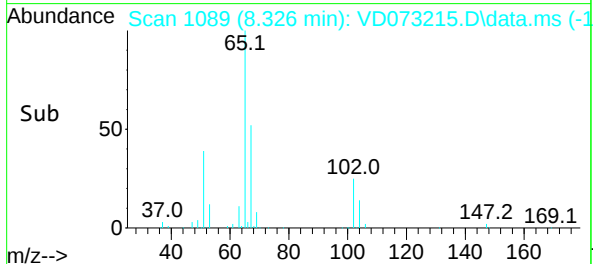
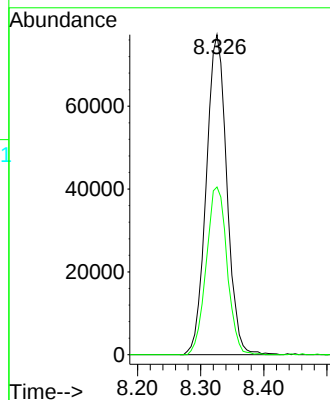
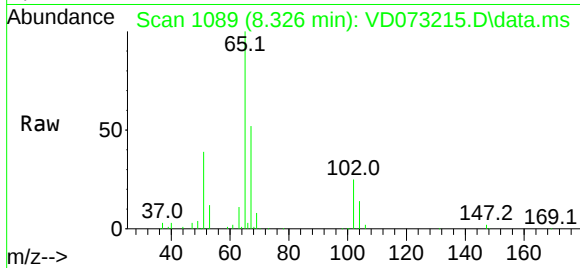
P008-SS002-0612-01

Tgt Ion: 65 Resp: 174670

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. 0.006 min

Lab File: VD073215.D

Acq: 21 May 2022 07:47

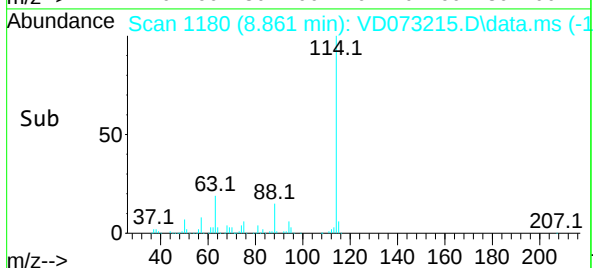
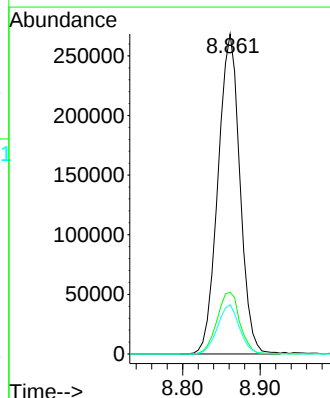
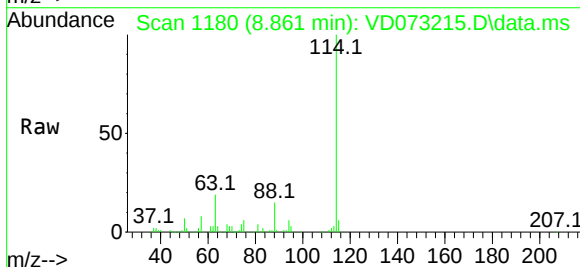
Tgt Ion: 114 Resp: 526990

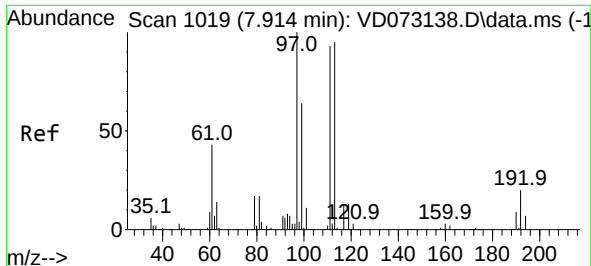
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.191 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073215.D

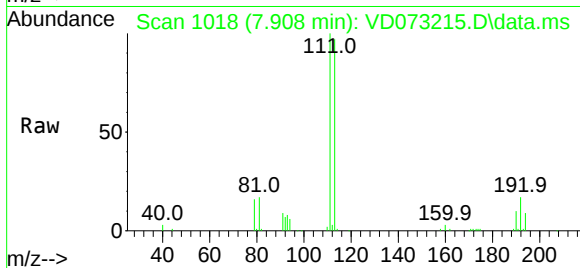
Acq: 21 May 2022 07:47

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-0612-01



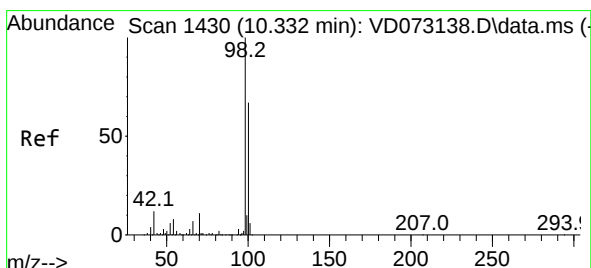
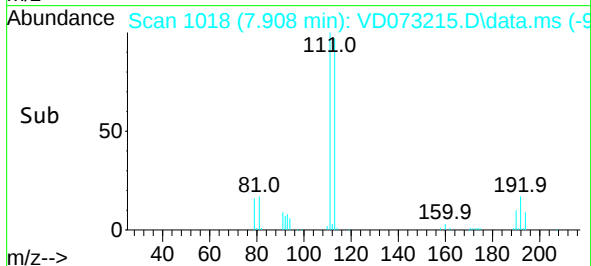
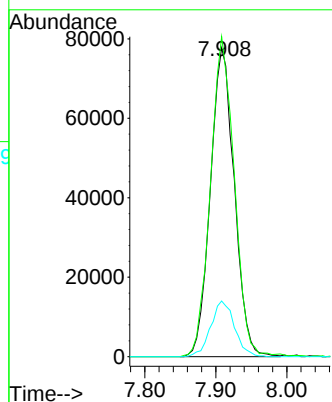
Tgt Ion:113 Resp: 181490

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.0 14.6 21.8



#50

Toluene-d8

Concen: 50.931 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073215.D

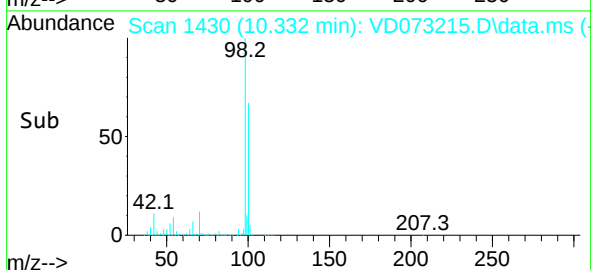
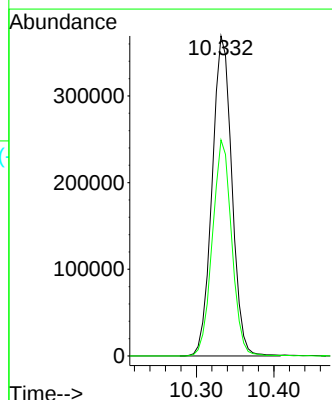
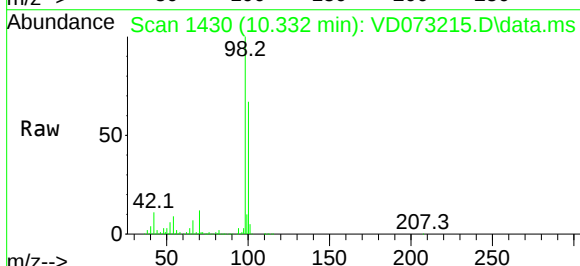
Acq: 21 May 2022 07:47

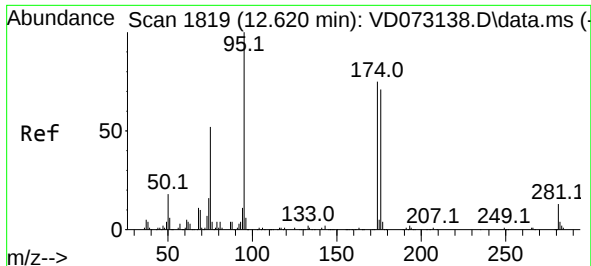
Tgt Ion: 98 Resp: 652868

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6

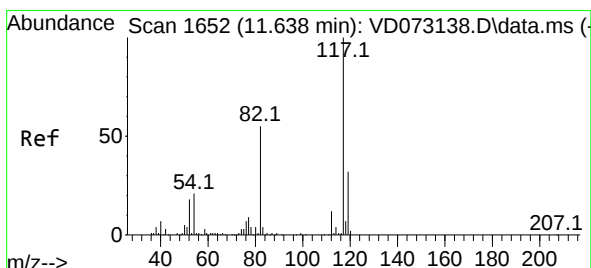
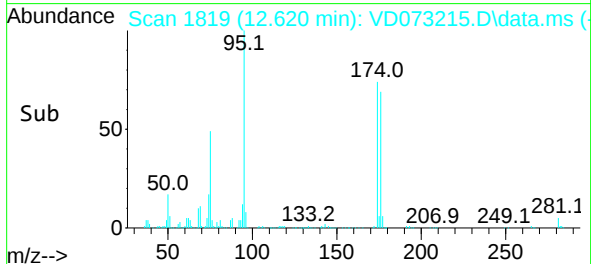
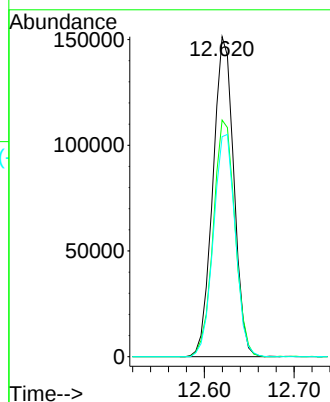
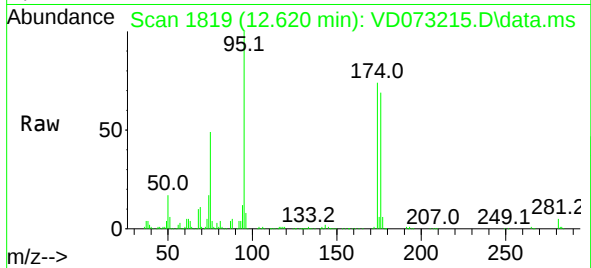




#62
4-Bromofluorobenzene
Concen: 54.614 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

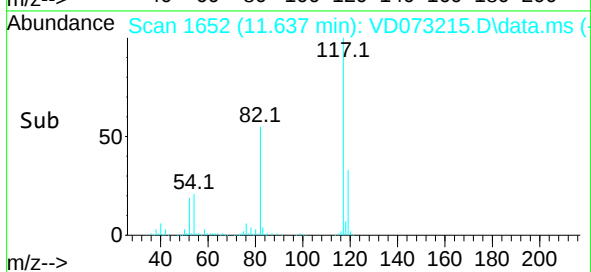
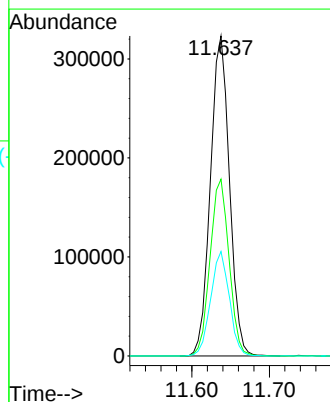
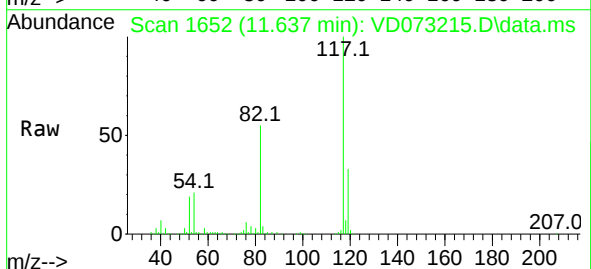
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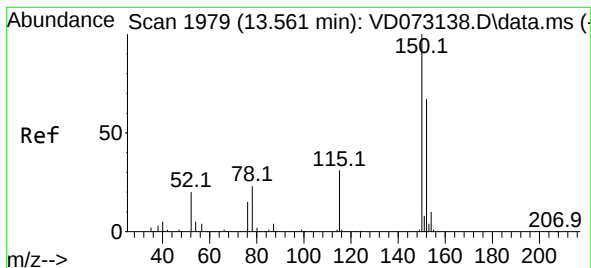
Tgt Ion: 95 Resp: 245685
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Tgt Ion: 117 Resp: 551638
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.7 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: VD073215.D

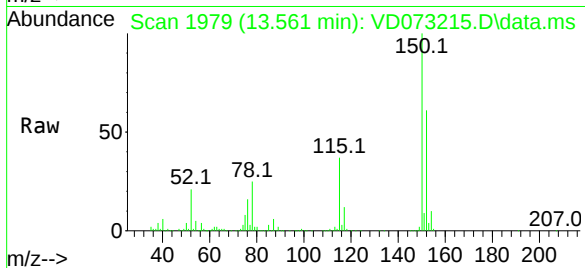
Acq: 21 May 2022 07:47

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-0612-01



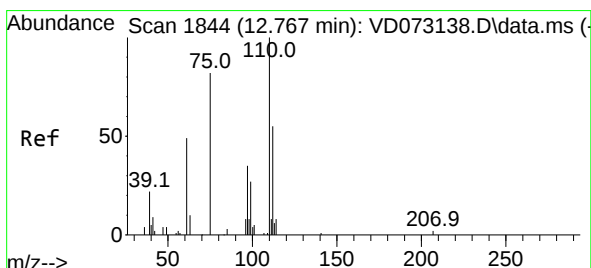
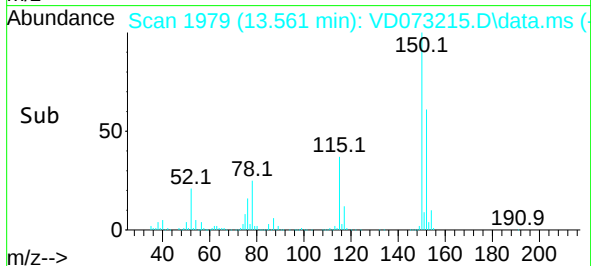
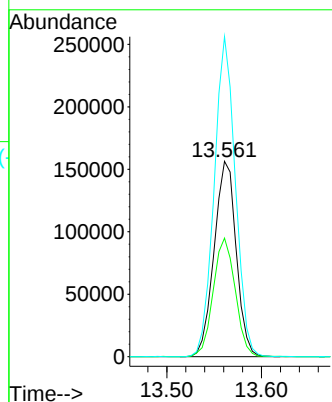
Tgt Ion:152 Resp: 253263

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 157.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.855 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073215.D

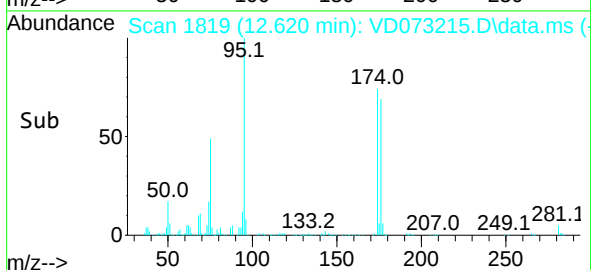
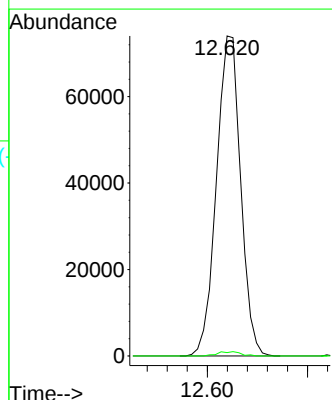
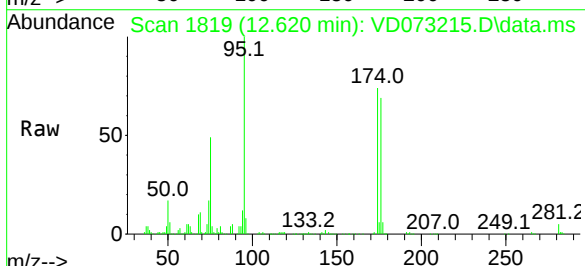
Acq: 21 May 2022 07:47

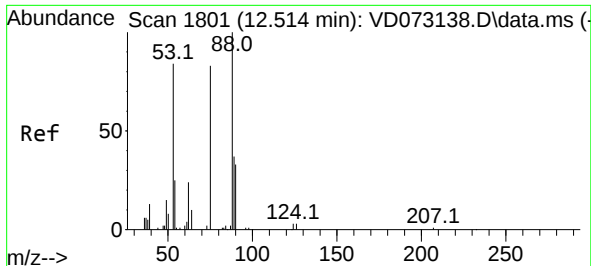
Tgt Ion: 75 Resp: 123886

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

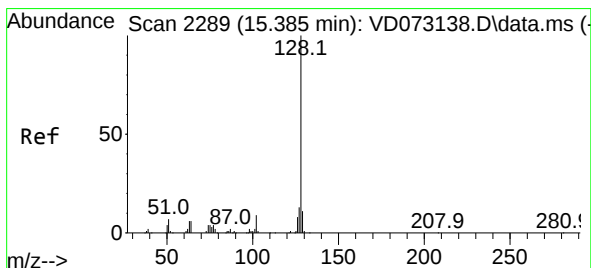
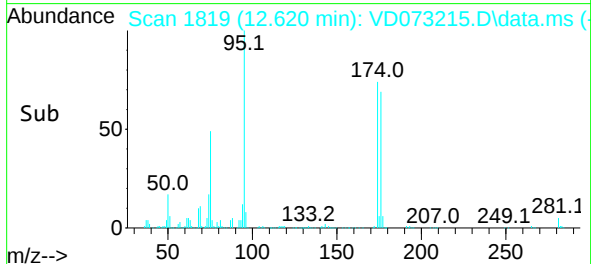
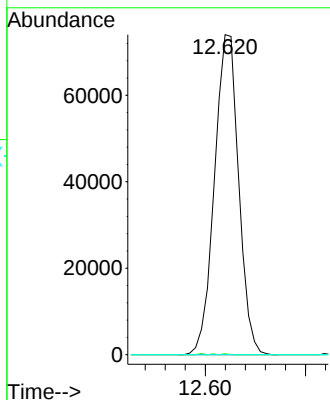
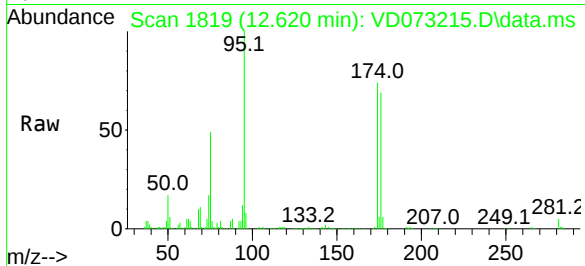




#81
trans-1,4-Dichloro-2-butene
Concen: 119.686 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0612-01

Tgt Ion: 75 Resp: 123886
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.560 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD073215.D
Acq: 21 May 2022 07:47

Tgt Ion:128 Resp: 168
Ion Ratio Lower Upper
128 100
127 32.7 10.3 15.5#
129 0.0 8.4 12.6#

