

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073214.D
 Acq On : 21 May 2022 07:18
 Operator : VA/SY
 Sample : N2885-10
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-0006-01

Quant Time: May 22 00:00:27 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)

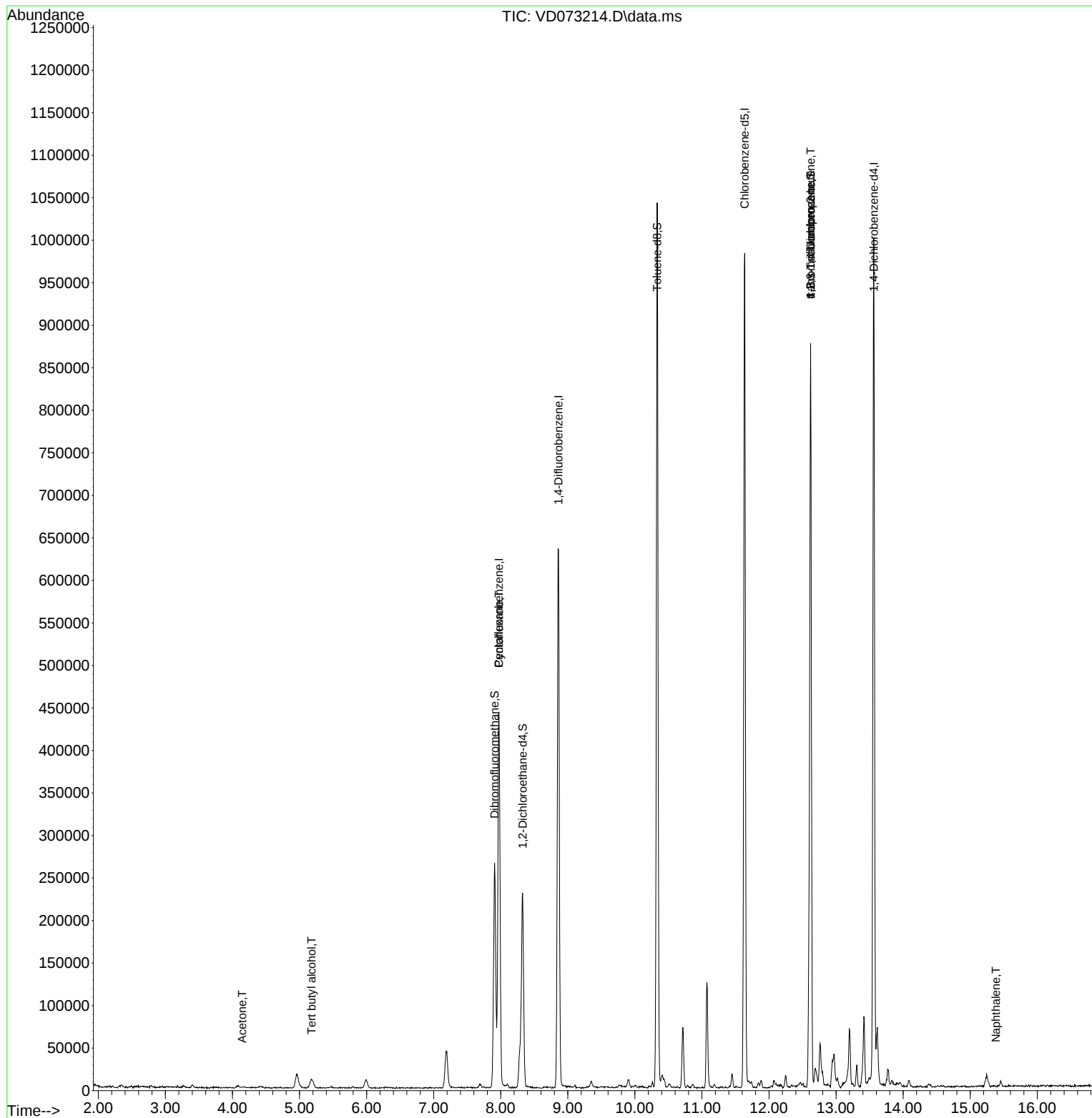
Internal Standards						
1) Pentafluorobenzene	7.973	168	314135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	549364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173092	49.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.909	113	186469	51.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.332	98	677967	50.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	270716	57.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	941	Below Cal		81
11) Tert butyl alcohol	5.179	59	10891	20.220 ug/l	#	74
16) Acetone	4.144	43	761	1.266 ug/l	#	47
20) Methylene Chloride	4.956	84	12122	Below Cal	#	84
31) Cyclohexane	7.973	56	9834	1.621 ug/l	#	29
76) 1,2,3-Trichloropropane	12.620	75	137232	52.583 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	137232	126.237 ug/l	#	7
95) Naphthalene	15.385	128	529	3.598 ug/l	#	70

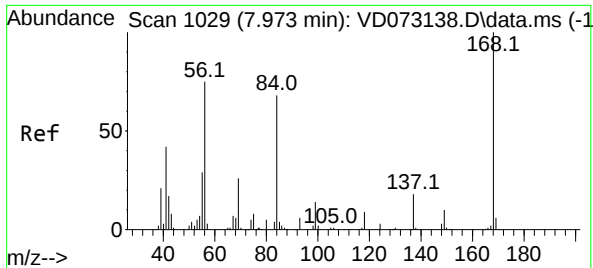
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

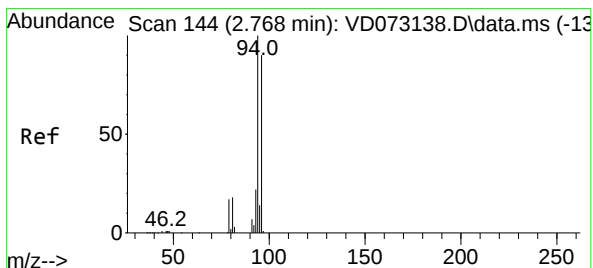
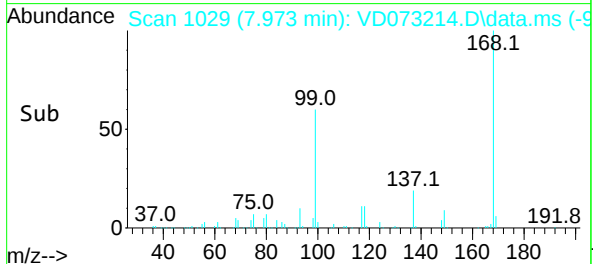
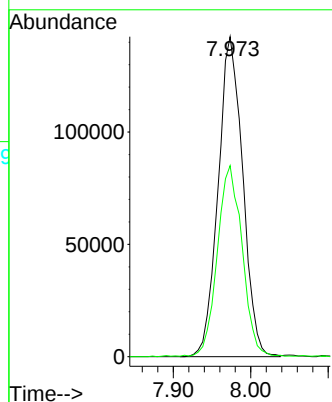
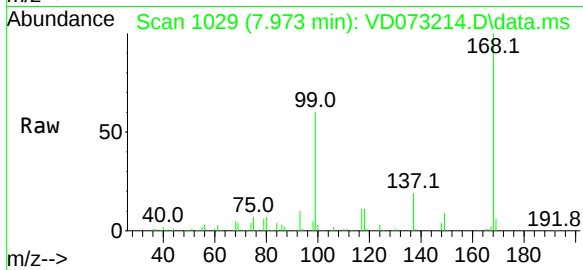




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

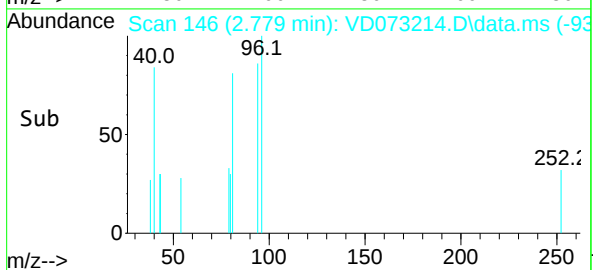
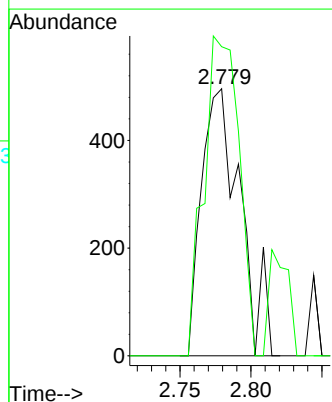
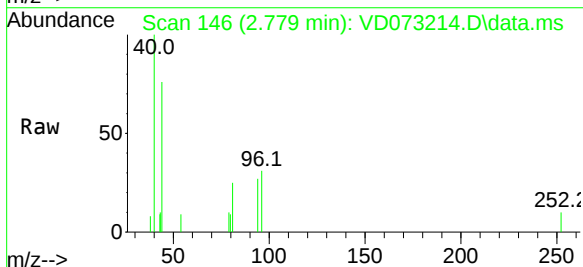
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0006-01

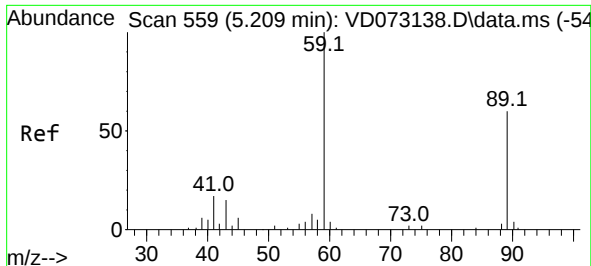
Tgt Ion:168 Resp: 314135
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 94 Resp: 941
Ion Ratio Lower Upper
94 100
96 115.7 77.6 116.4

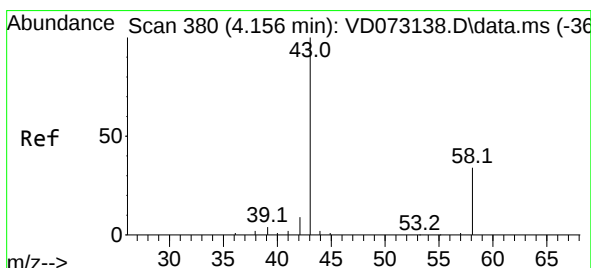
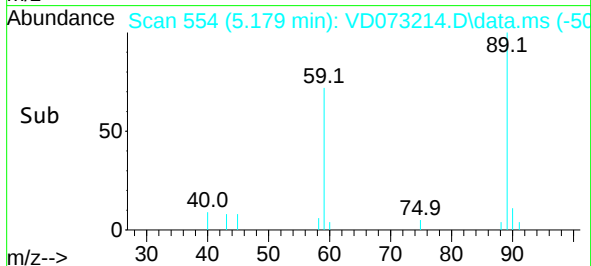
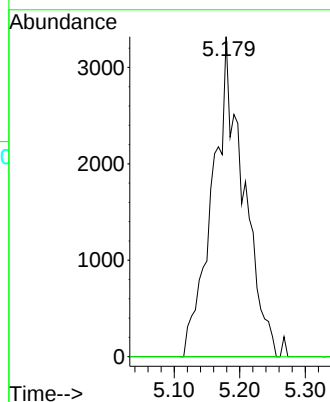
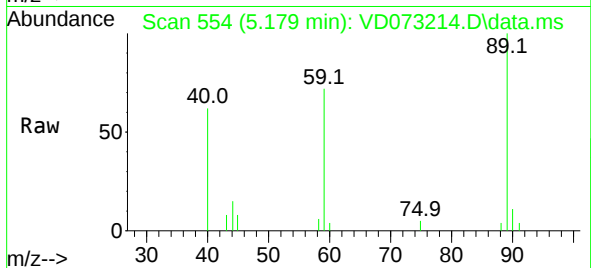




#11
Tert butyl alcohol
Concen: 20.220 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

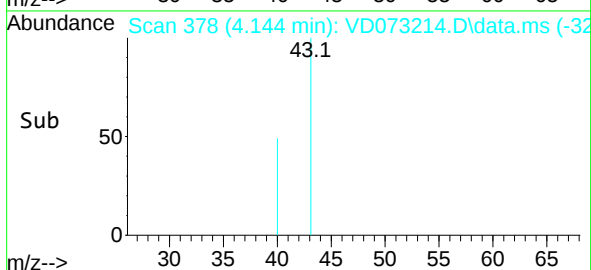
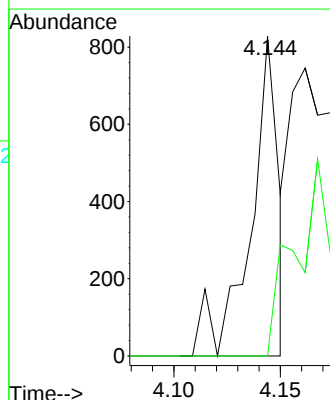
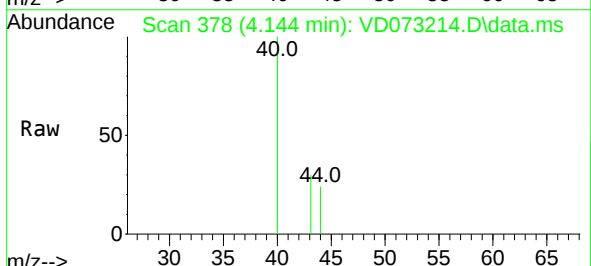
Instrument :
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ClientSampleId :
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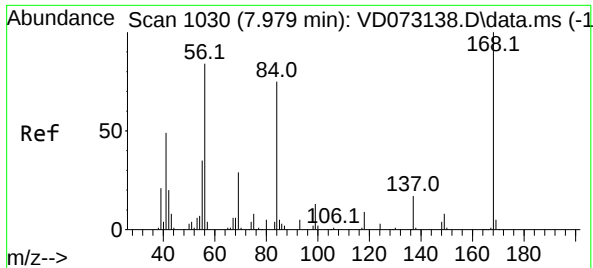
Tgt Ion: 59 Resp: 10891
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.266 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

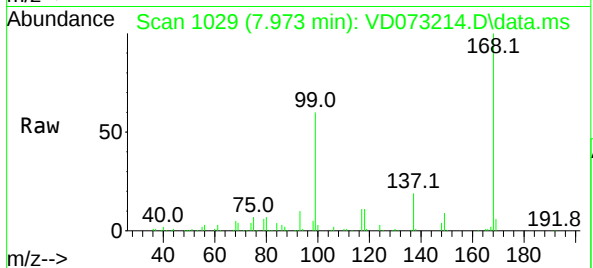
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



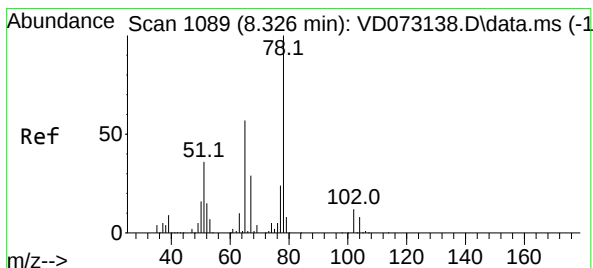
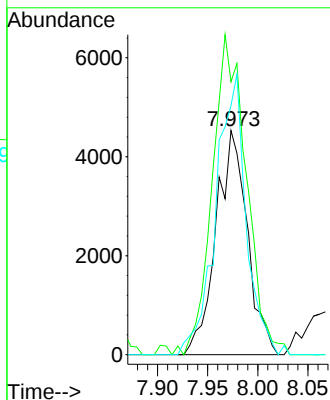
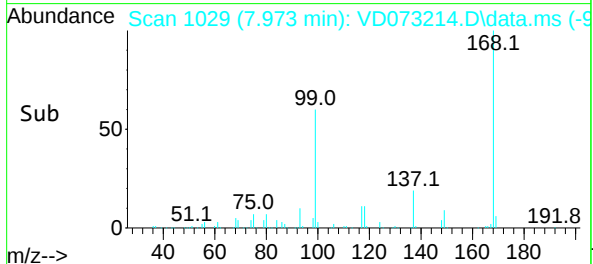


#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-0006-01

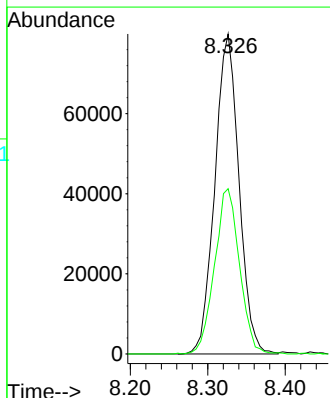
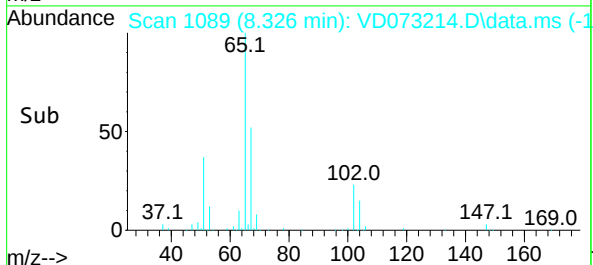
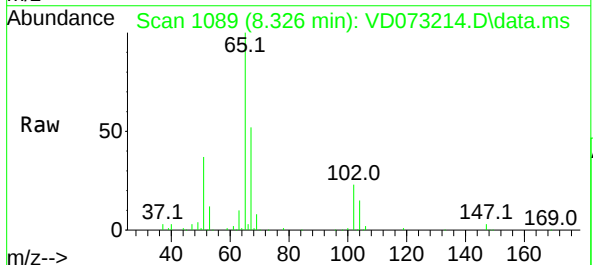


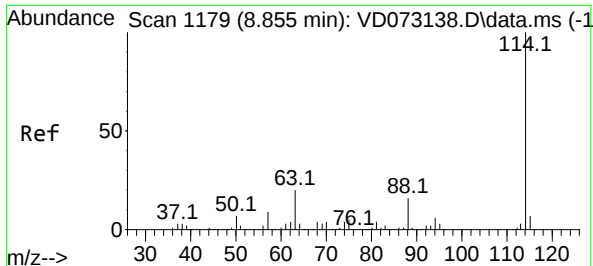
Tgt Ion: 56 Resp: 9834
Ion Ratio Lower Upper
56 100
69 117.9 25.4 38.2#
84 111.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.859 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 65 Resp: 173092
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073214.D

Acq: 21 May 2022 07:18

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-0006-01

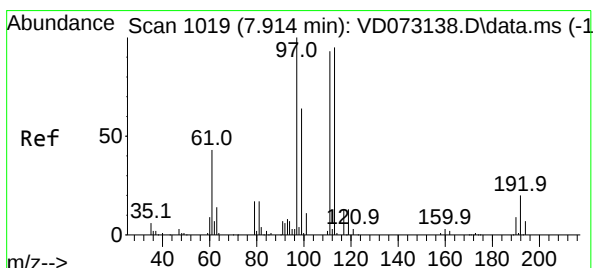
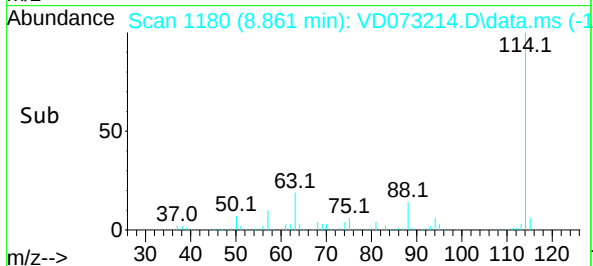
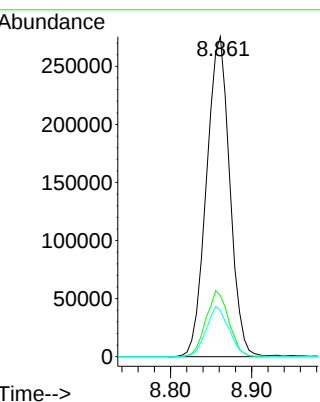
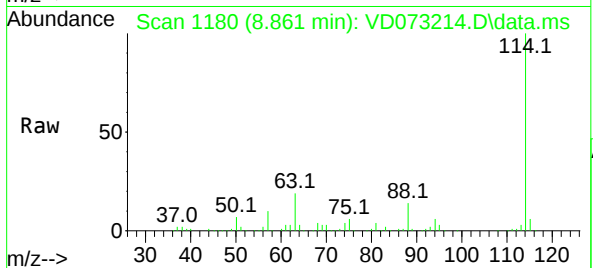
Tgt Ion:114 Resp: 549364

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.439 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073214.D

Acq: 21 May 2022 07:18

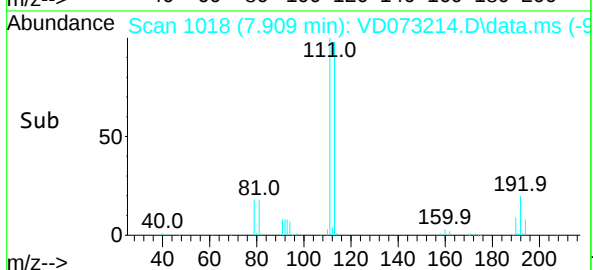
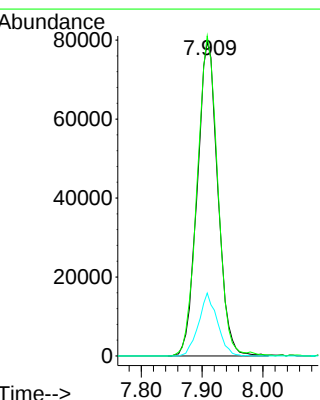
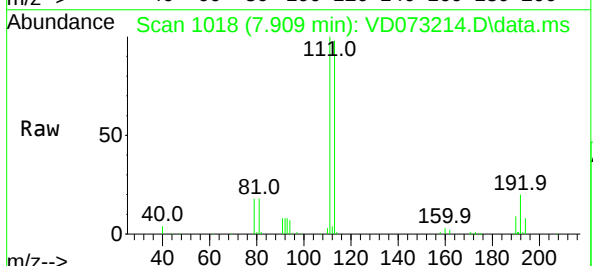
Tgt Ion:113 Resp: 186469

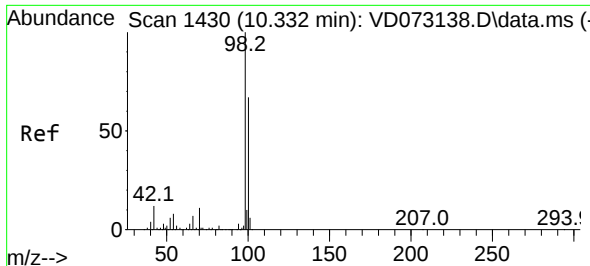
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.3 14.6 21.8

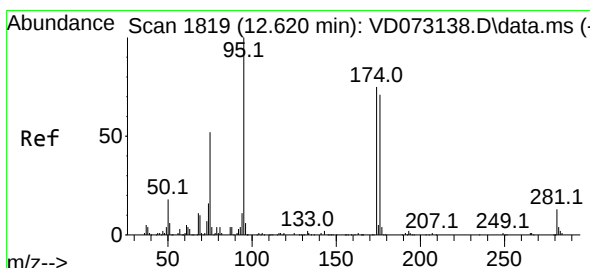
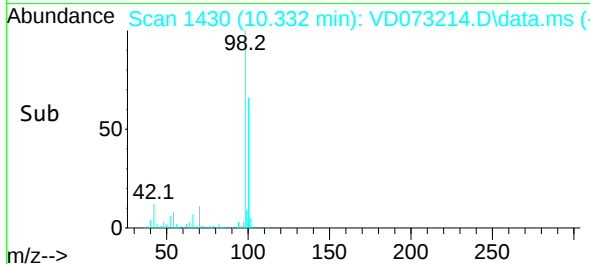
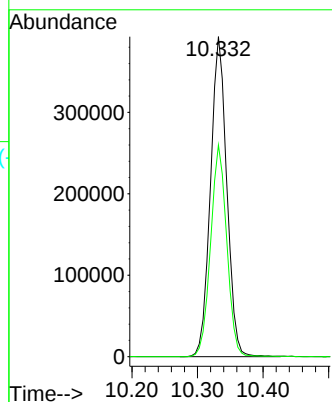
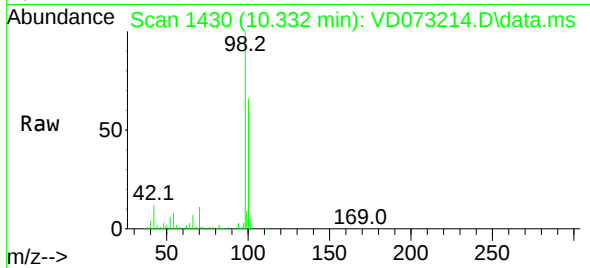




#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

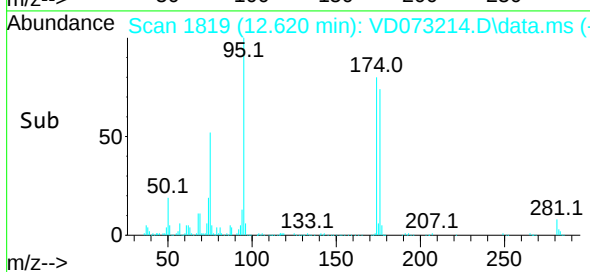
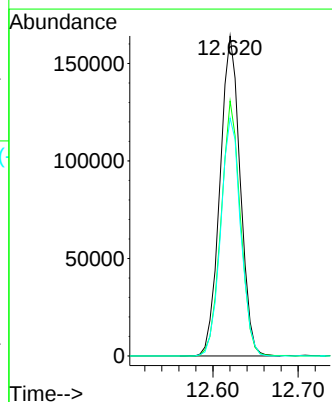
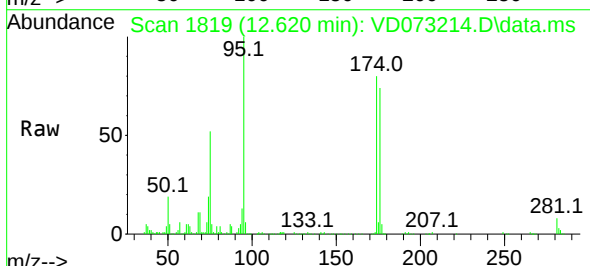
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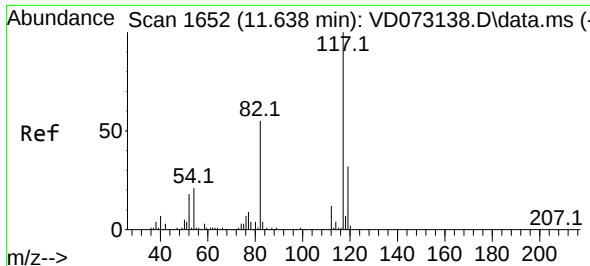
Tgt Ion: 98 Resp: 677967
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.727 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion: 95 Resp: 270716
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.2 0.0 145.4

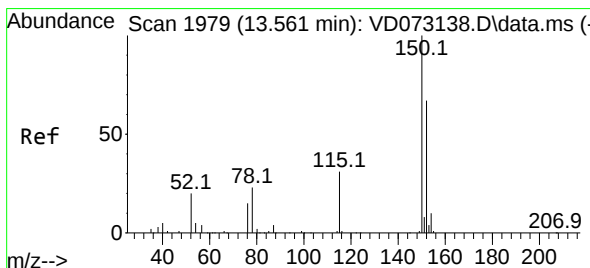
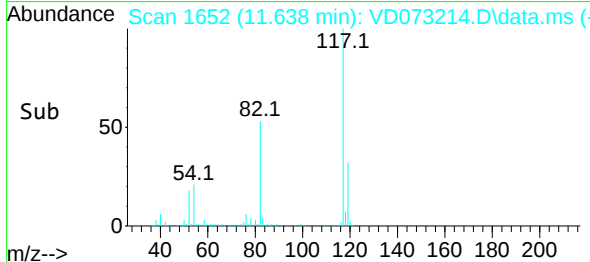
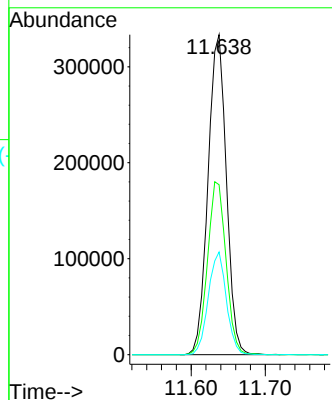
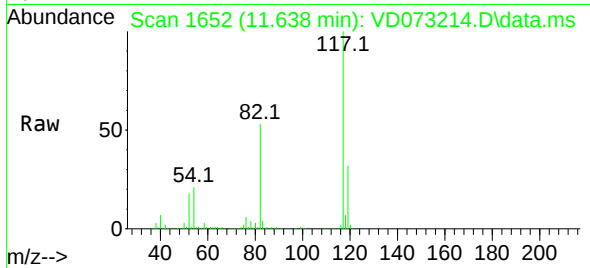




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

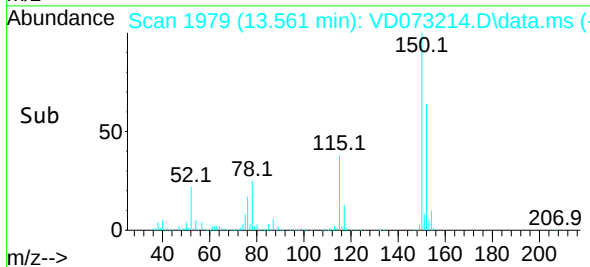
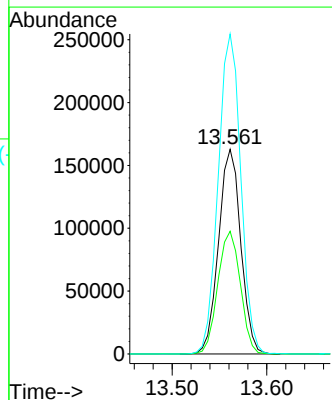
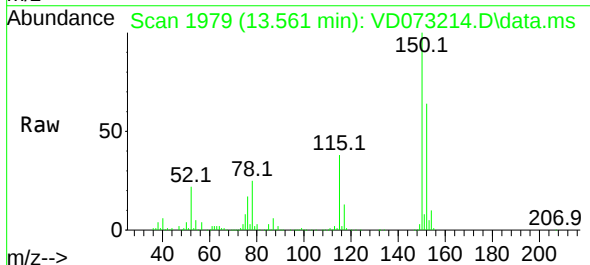
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P008-SS002-0006-01

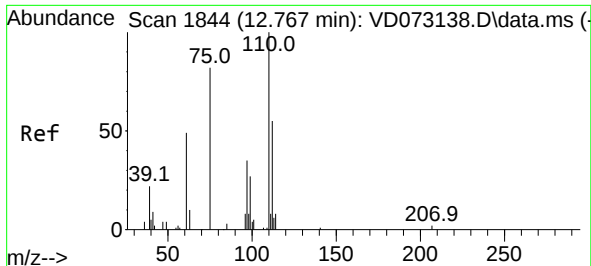
Tgt Ion:117 Resp: 573486
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

Tgt Ion:152 Resp: 265987
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 158.6 0.0 348.6

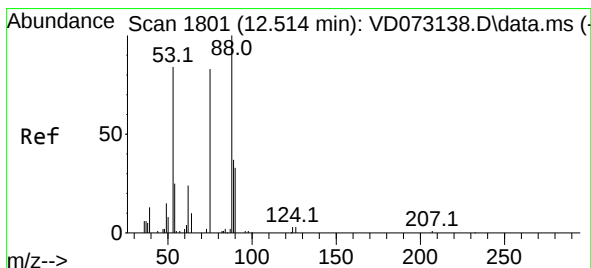
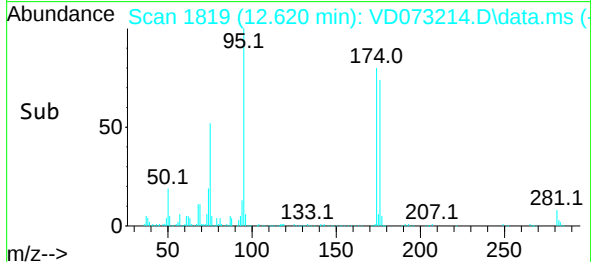
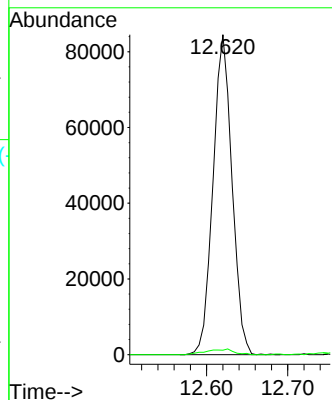
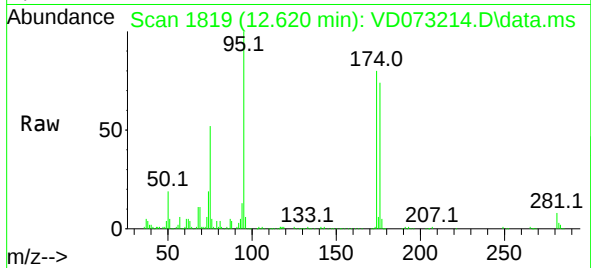




#76
1,2,3-Trichloropropane
Concen: 52.583 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

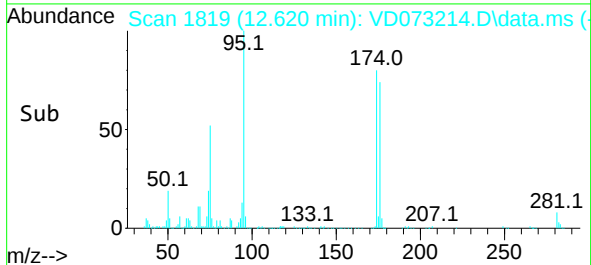
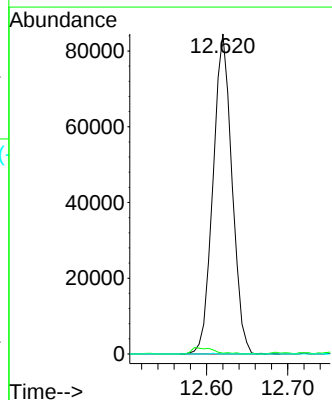
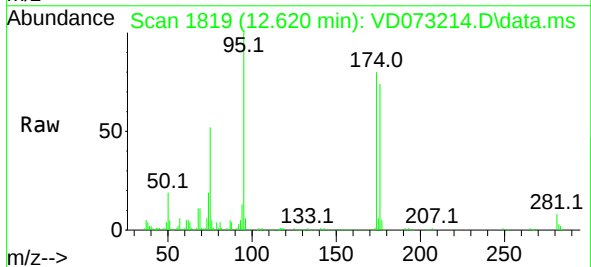
Instrument :
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P008-SS002-0006-01

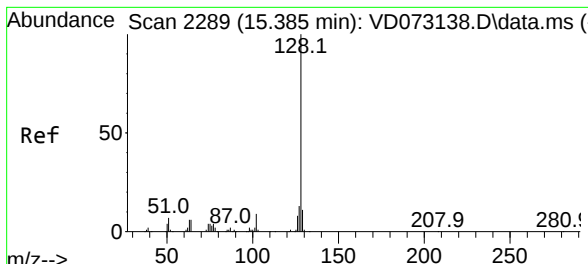
Tgt Ion: 75 Resp: 137232
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.237 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073214.D
Acq: 21 May 2022 07:18

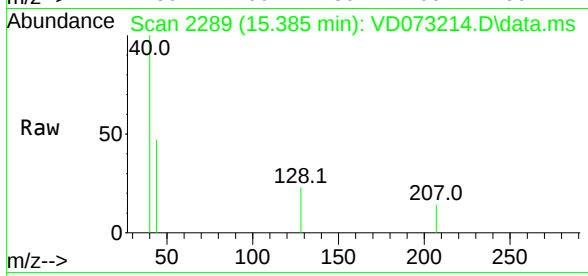
Tgt Ion: 75 Resp: 137232
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#





#95
 Naphthalene
 Concen: 3.598 ug/l
 RT: 15.385 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073214.D
 Acq: 21 May 2022 07:18

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-0006-01



Tgt Ion:	128	Resp:	529
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

