

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072987.D
 Acq On : 13 May 2022 14:04
 Operator : VA/SY
 Sample : VD0513SBL01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 13 14:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

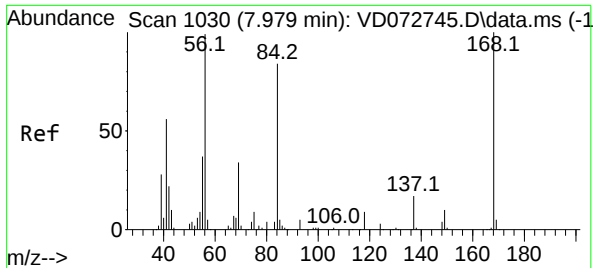
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	319660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176616	42.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.120%
35) Dibromofluoromethane	7.914	113	192896	47.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.332	98	705609	48.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.620	95	250740	46.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.200%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	1383	Below Cal	#	75
11) Tert butyl alcohol	5.173	59	5233	14.576	ug/l #	74
16) Acetone	4.162	43	2058	Below Cal	#	47
18) Methyl Acetate	4.444	43	416	Below Cal	#	55
20) Methylene Chloride	4.967	84	29021	Below Cal	#	77
31) Cyclohexane	7.973	56	10148	1.399	ug/l #	32
76) 1,2,3-Trichloropropane	12.620	75	128914	45.082	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	128914	103.670	ug/l #	7

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

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Response via : Initial Calibration

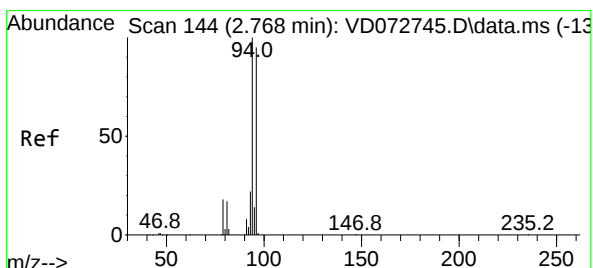
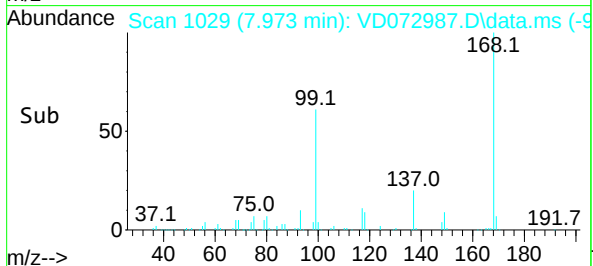
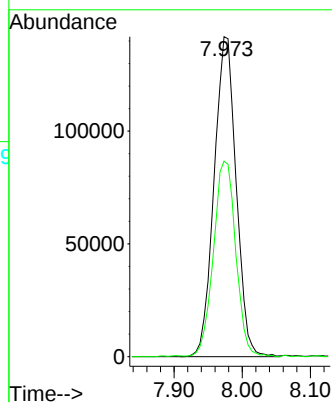
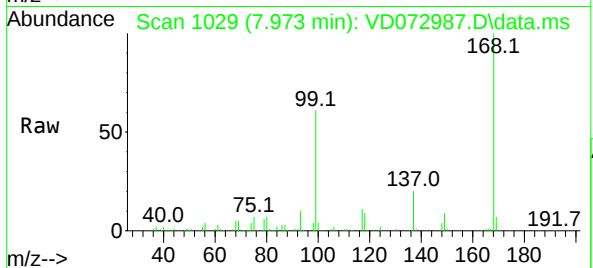




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

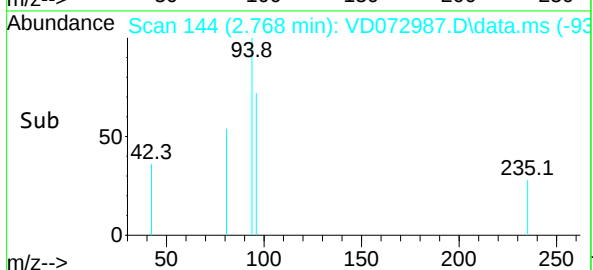
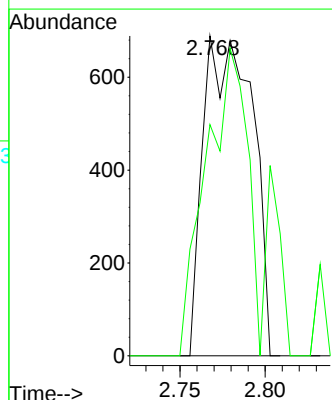
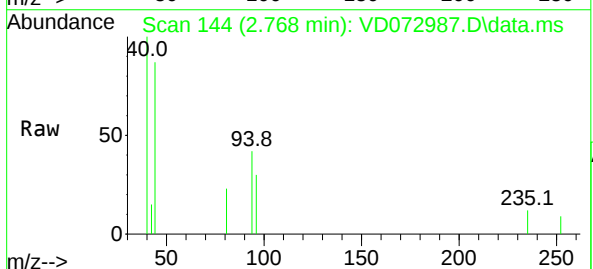
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

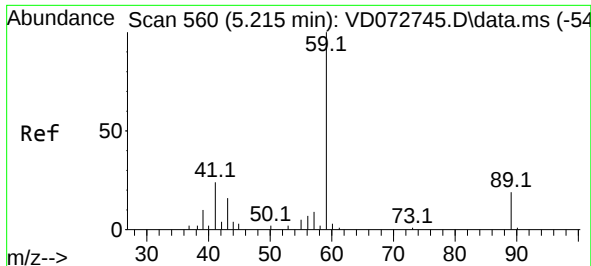
Tgt Ion:168 Resp: 319660
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 94 Resp: 1383
Ion Ratio Lower Upper
94 100
96 72.3 77.6 116.4#





#11

Tert butyl alcohol

Concen: 14.576 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD072987.D

Acq: 13 May 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :

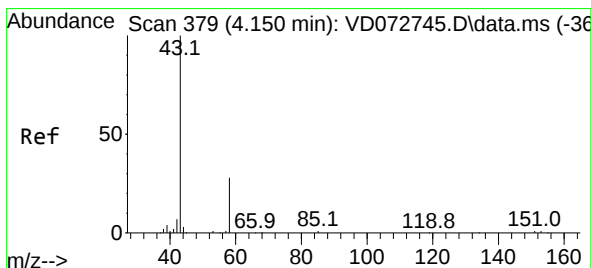
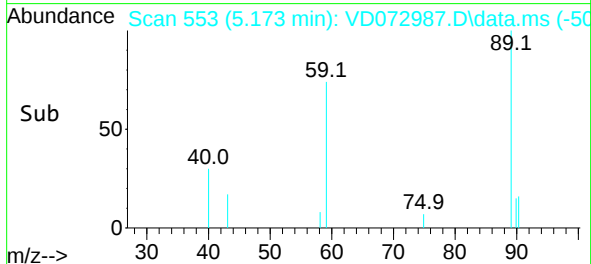
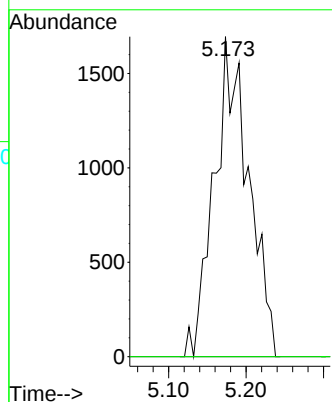
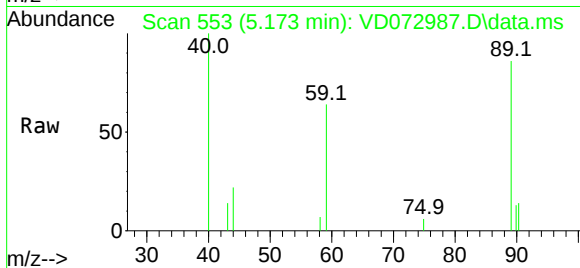
VD0513SBL01

Tgt Ion: 59 Resp: 5233

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD072987.D

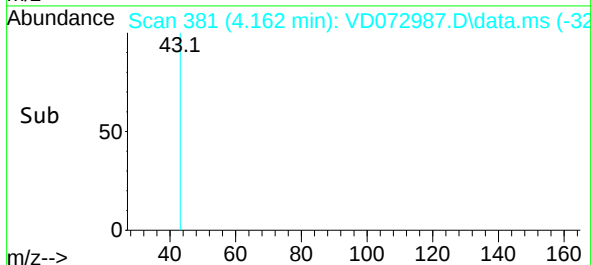
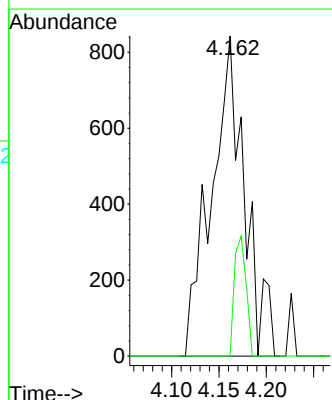
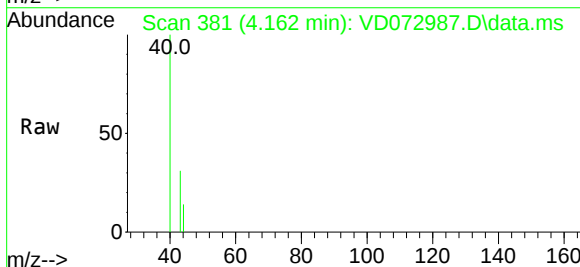
Acq: 13 May 2022 14:04

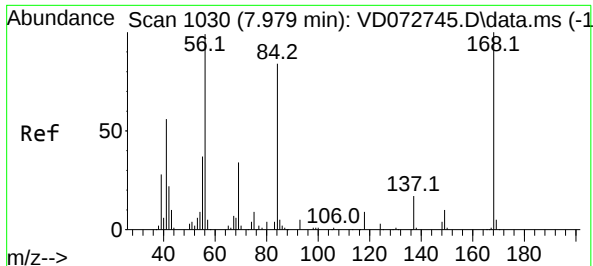
Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

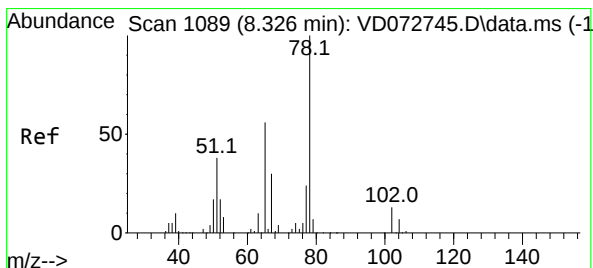
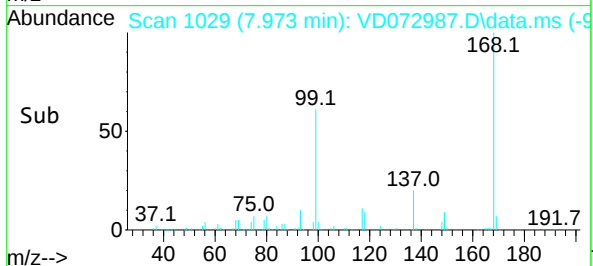
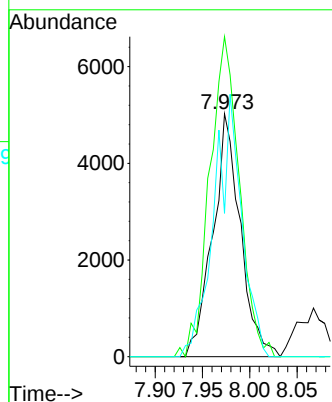
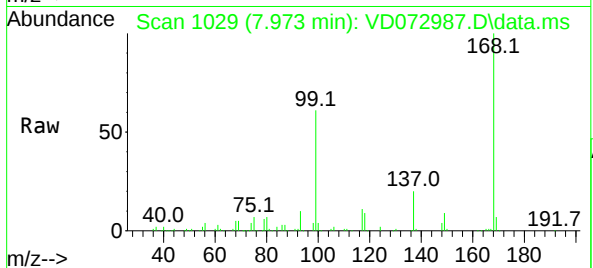




#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

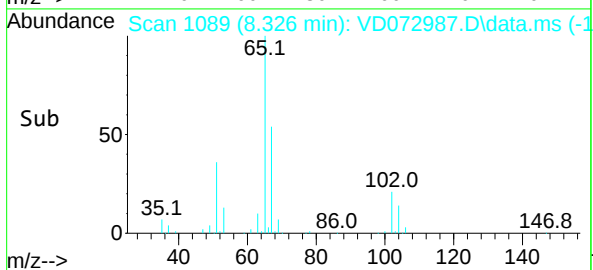
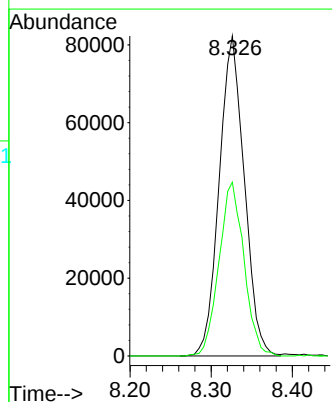
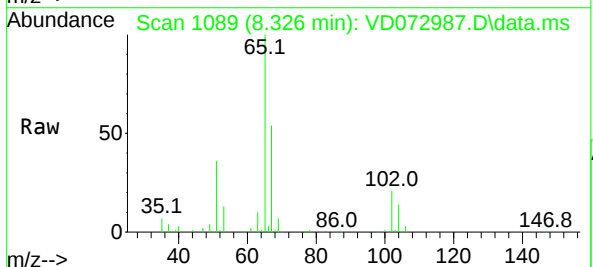
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

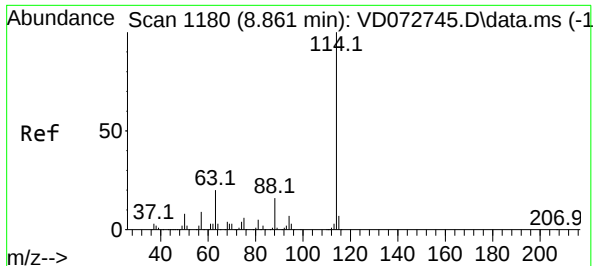
Tgt Ion: 56 Resp: 10148
Ion Ratio Lower Upper
56 100
69 131.8 25.4 38.2#
84 59.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.564 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 65 Resp: 176616
Ion Ratio Lower Upper
65 100
67 54.2 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: VD072987.D

Acq: 13 May 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBL01

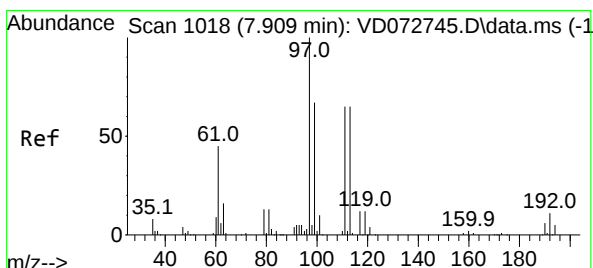
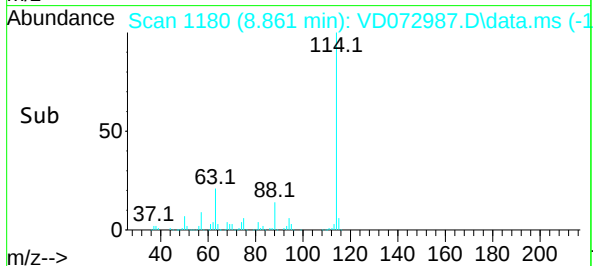
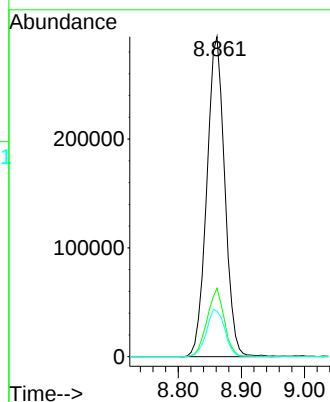
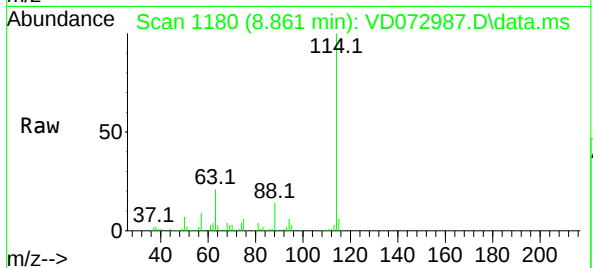
Tgt Ion:114 Resp: 579057

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 14.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.432 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072987.D

Acq: 13 May 2022 14:04

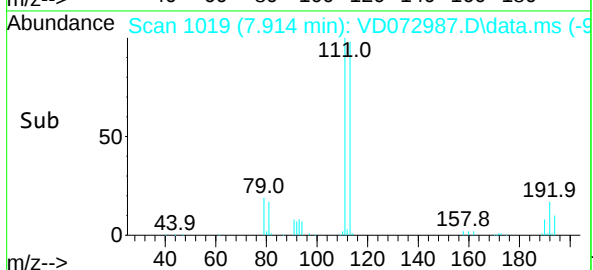
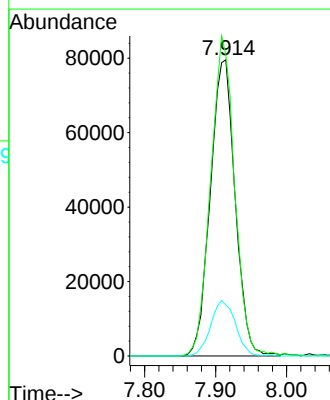
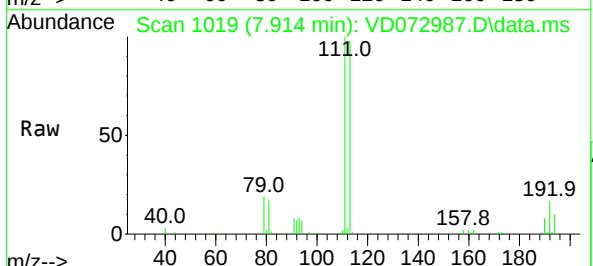
Tgt Ion:113 Resp: 192896

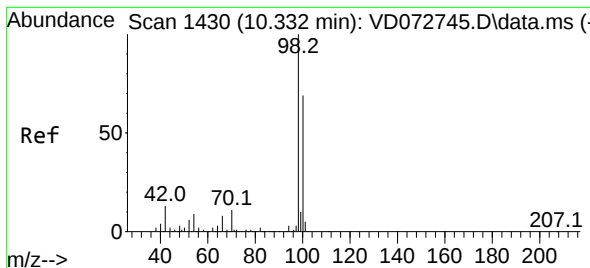
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.6 14.6 21.8

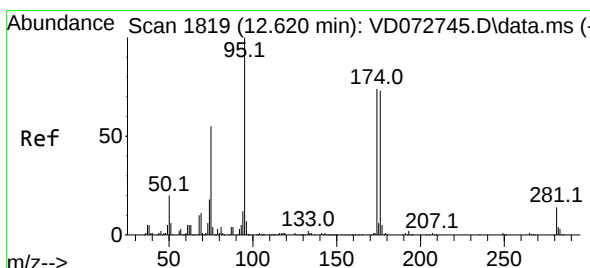
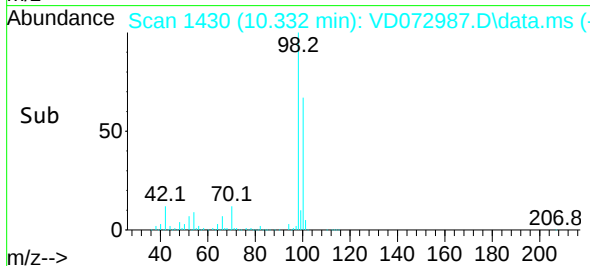
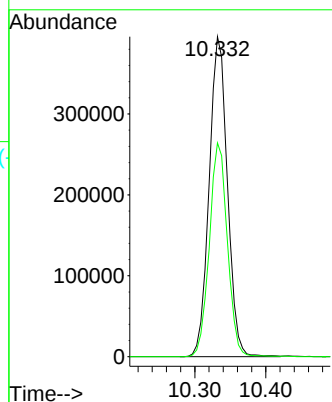
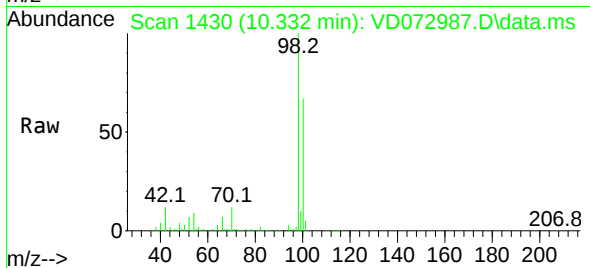




#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

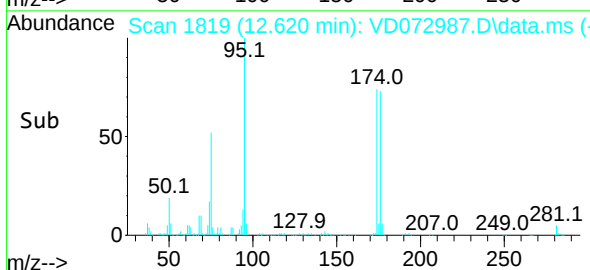
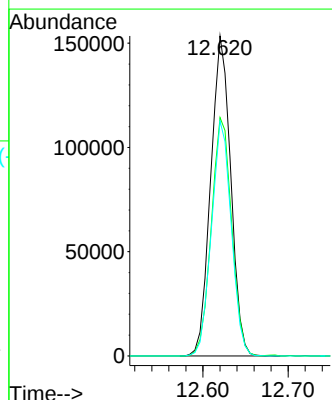
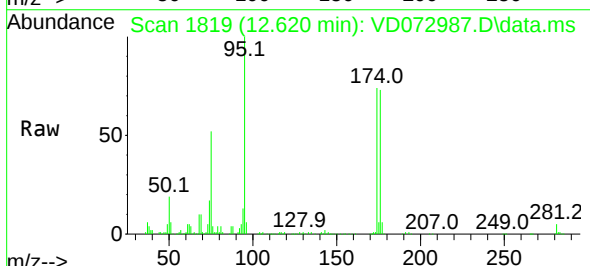
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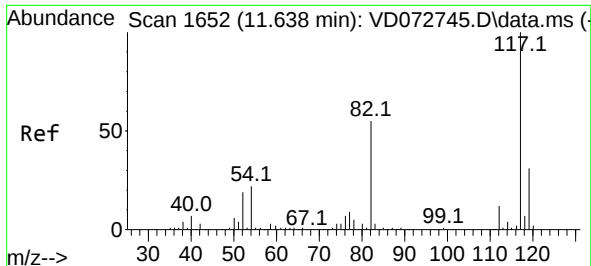
Tgt Ion: 98 Resp: 705609
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 95 Resp: 250740
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.6 0.0 145.4

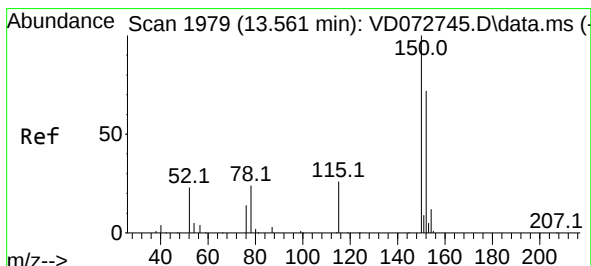
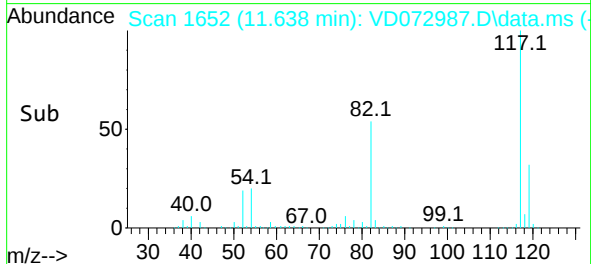
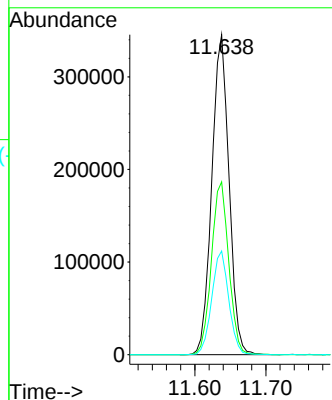
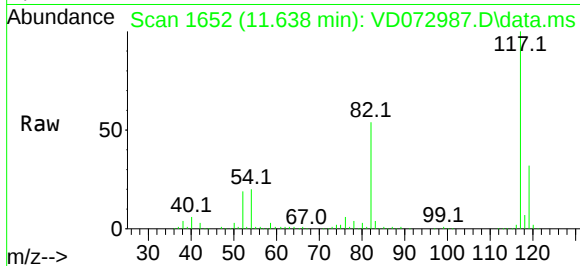




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

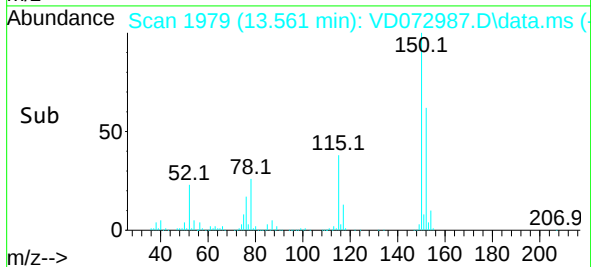
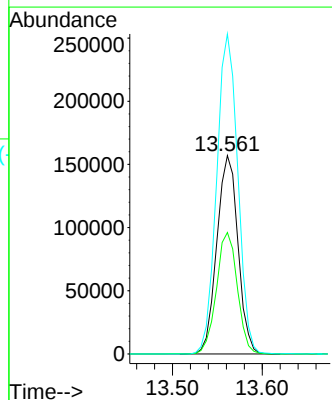
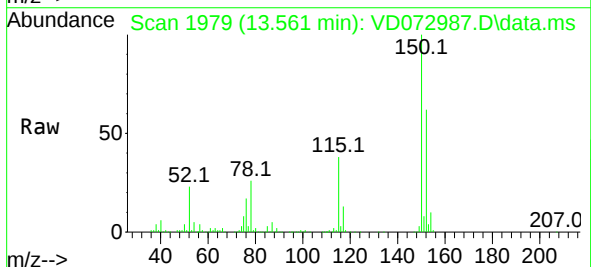
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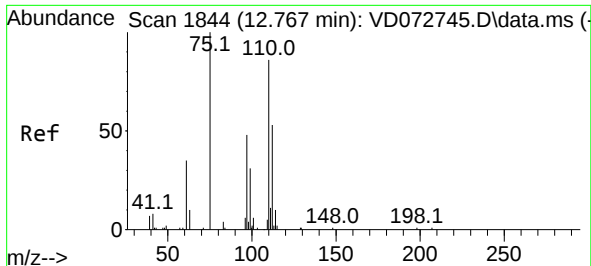
Tgt Ion:117 Resp: 580370
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion:152 Resp: 256447
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 161.5 0.0 348.6

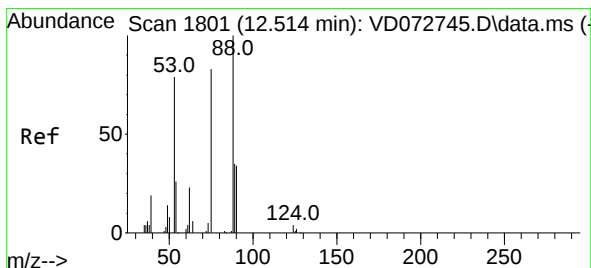
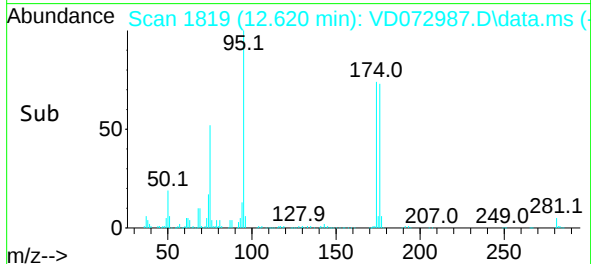
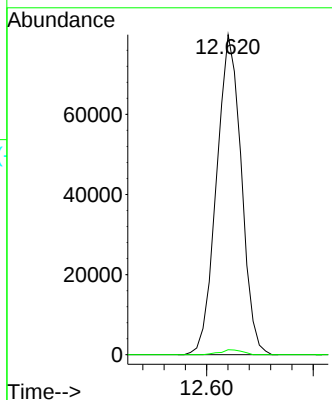
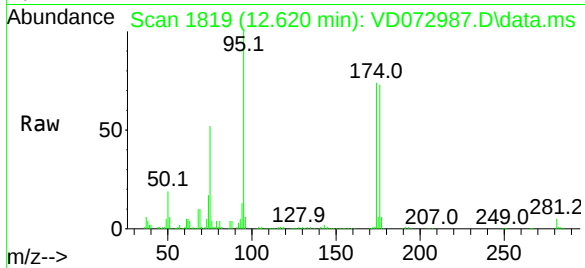




#76
1,2,3-Trichloropropane
Concen: 45.082 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion: 75 Resp: 128914
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.670 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 75 Resp: 128914
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

