

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072762.D
 Acq On : 03 May 2022 12:07
 Operator : VA/SY
 Sample : VD0503SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0503SBL01

Quant Time: May 03 16:49:52 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

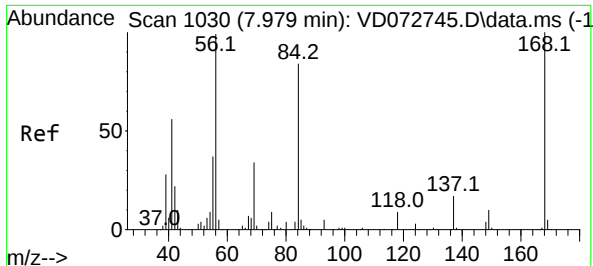
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	314124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	648918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	641301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	214426	52.587	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.180%			
35) Dibromofluoromethane	7.908	113	221411	48.583	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.160%			
50) Toluene-d8	10.332	98	807450	49.392	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.780%			
62) 4-Bromofluorobenzene	12.620	95	277690	45.555	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.120%			
Target Compounds						
5) Bromomethane	2.773	94	1576	Below Cal	#	61
11) Tert butyl alcohol	5.191	59	13831	39.204	ug/l #	74
16) Acetone	4.150	43	4520	Below Cal	#	80
18) Methyl Acetate	4.891	43	82	Below Cal	#	55
20) Methylene Chloride	4.962	84	18896	Below Cal	#	85
25) 2-Butanone	7.197	43	2097	1.765	ug/l #	87
31) Cyclohexane	7.973	56	8651	1.214	ug/l #	15
43) Isopropyl Acetate	8.291	43	7263	1.155	ug/l #	14
76) 1,2,3-Trichloropropane	12.620	75	145139	45.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145139	105.081	ug/l #	7

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

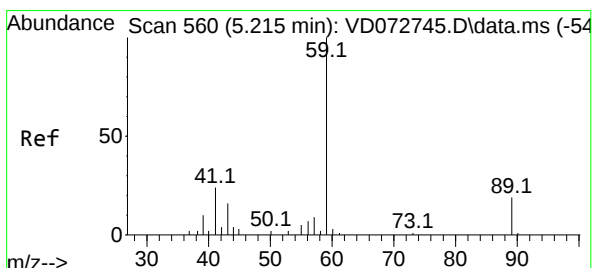
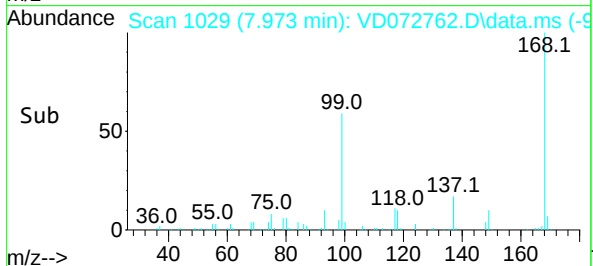
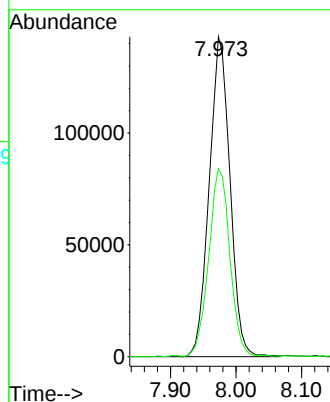
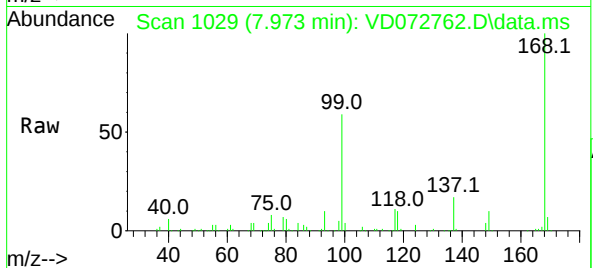




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

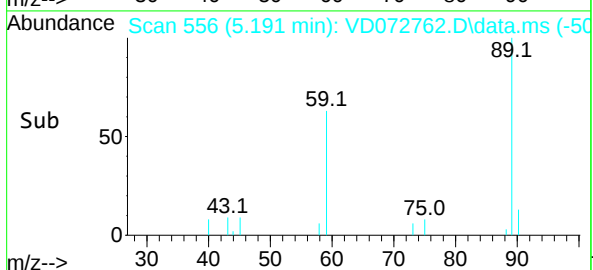
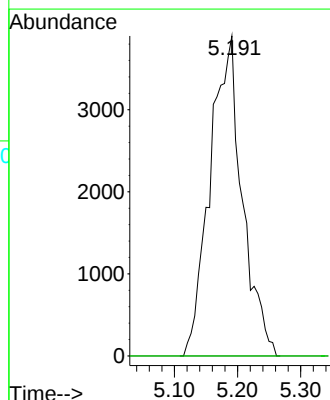
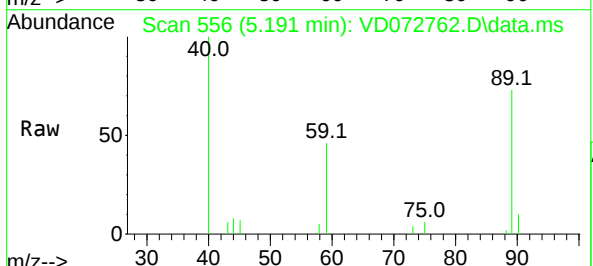
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBL01

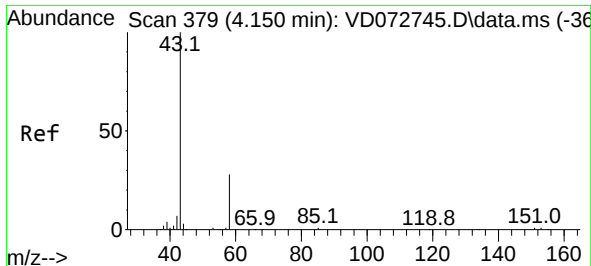
Tgt Ion:168 Resp: 314124
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#11
Tert butyl alcohol
Concen: 39.204 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.024 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion: 59 Resp: 13831
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

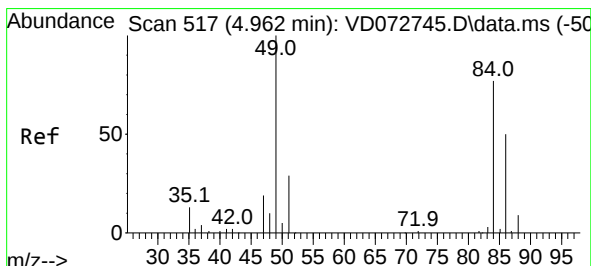
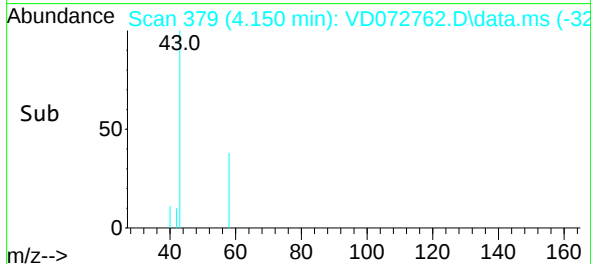
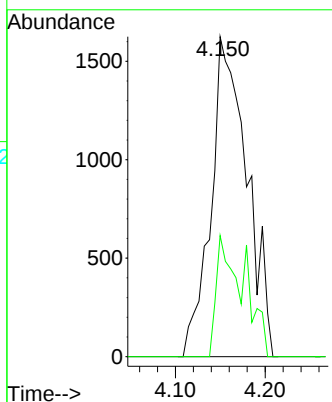
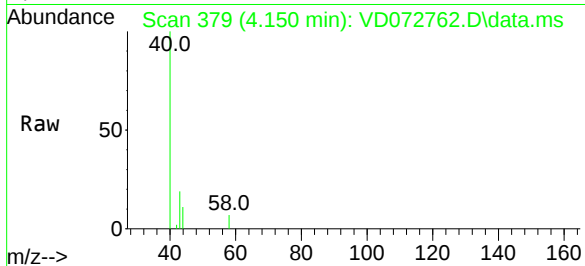




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

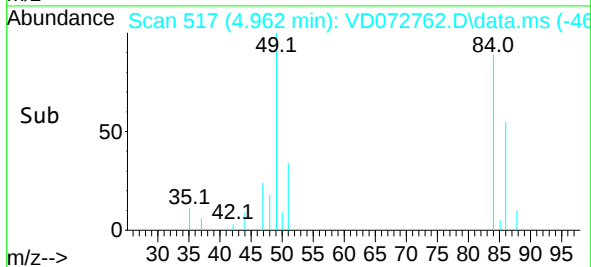
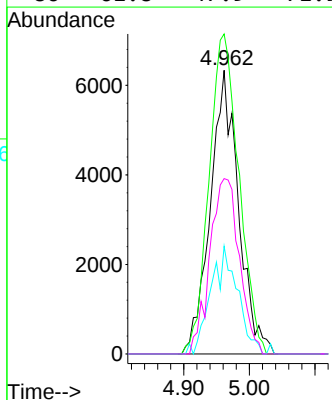
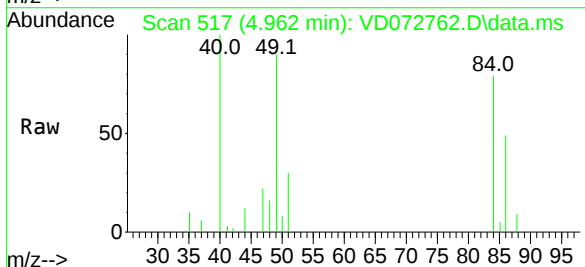
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBL01

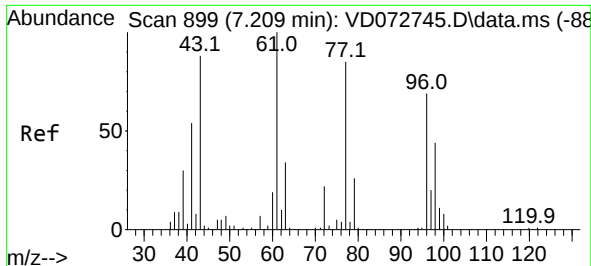
Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
58 37.8 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion: 84 Resp: 18896
Ion Ratio Lower Upper
84 100
49 112.8 112.8 169.2#
51 37.9 32.6 48.8
86 61.8 47.9 71.9

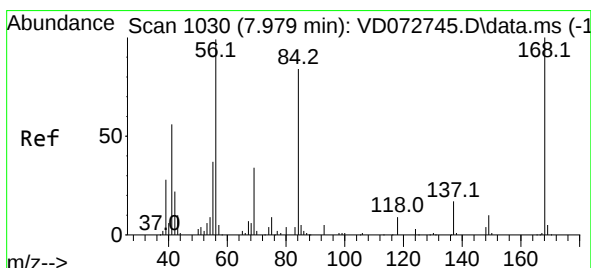
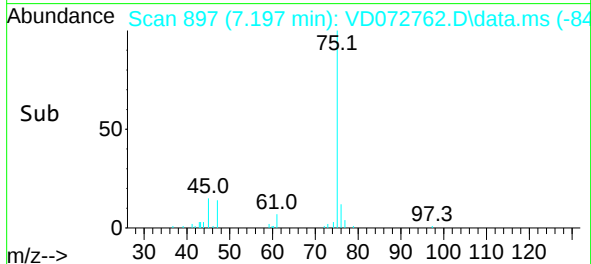
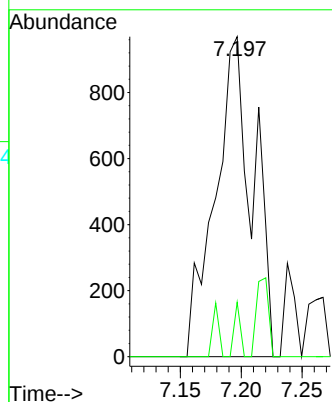
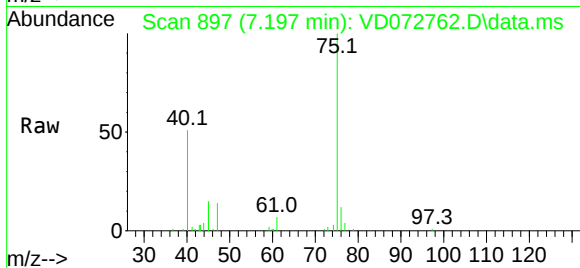




#25
2-Butanone
Concen: 1.765 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

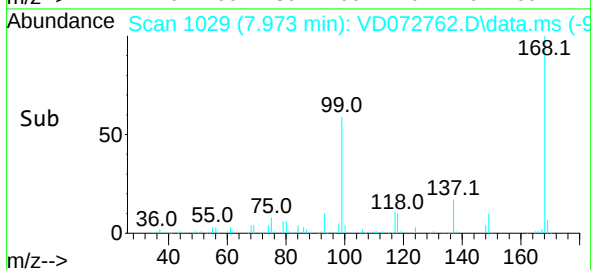
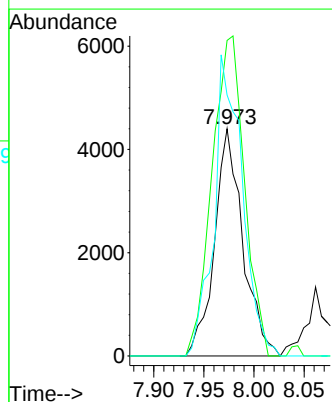
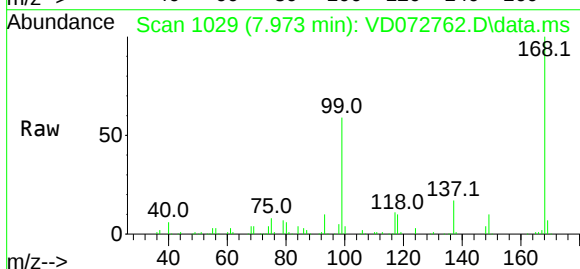
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBL01

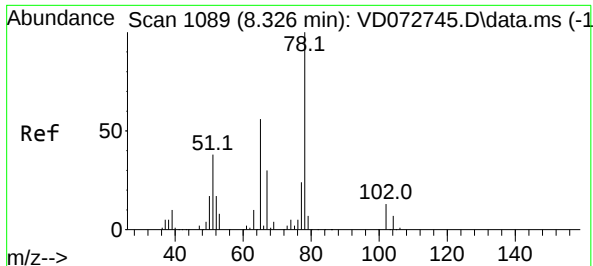
Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
72 17.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion: 56 Resp: 8651
Ion Ratio Lower Upper
56 100
69 138.8 25.4 38.2#
84 114.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.587 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072762.D

Acq: 03 May 2022 12:07

Instrument :

MSVOA_D

ClientSampleId :

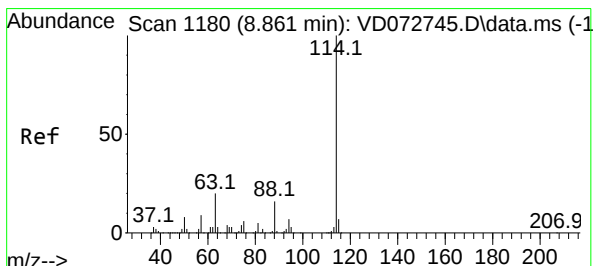
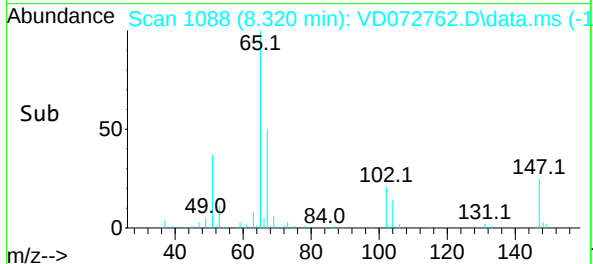
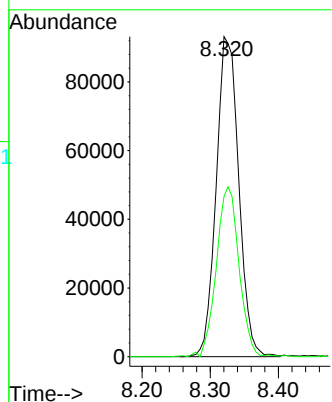
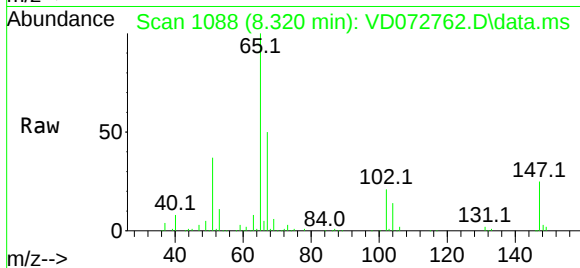
VD0503SBL01

Tgt Ion: 65 Resp: 214426

Ion Ratio Lower Upper

65 100

67 53.4 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: VD072762.D

Acq: 03 May 2022 12:07

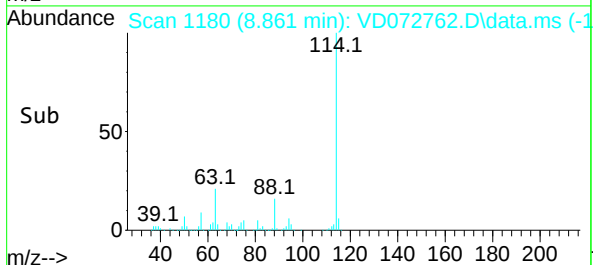
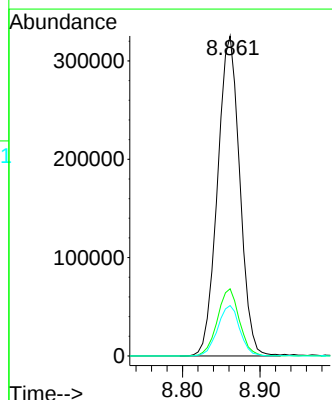
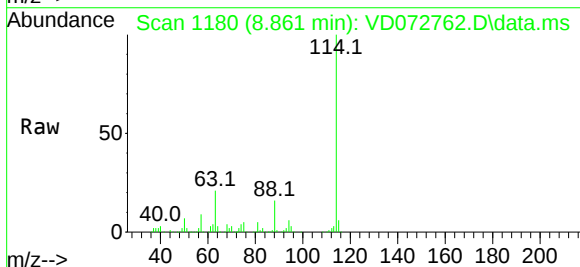
Tgt Ion: 114 Resp: 648918

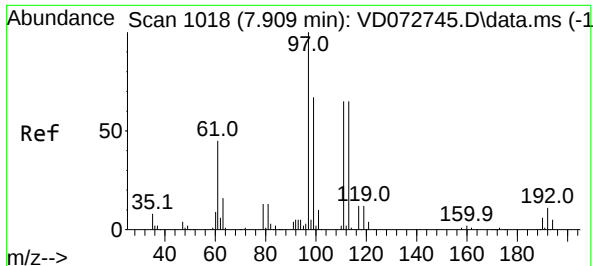
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.583 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072762.D

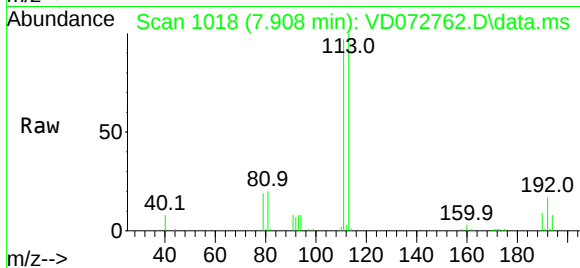
Acq: 03 May 2022 12:07

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBL01



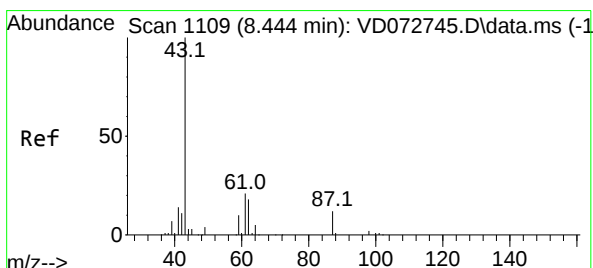
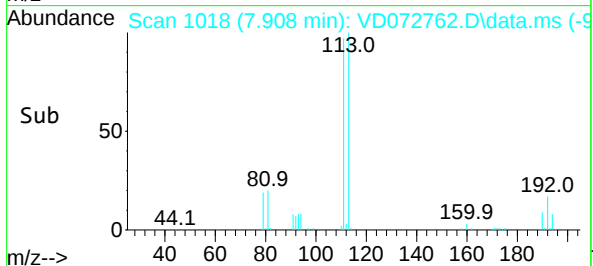
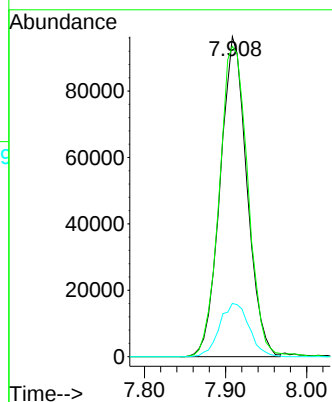
Tgt Ion:113 Resp: 221411

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.3 14.6 21.8



#43

Isopropyl Acetate

Concen: 1.155 ug/l

RT: 8.291 min Scan# 1083

Delta R.T. -0.153 min

Lab File: VD072762.D

Acq: 03 May 2022 12:07

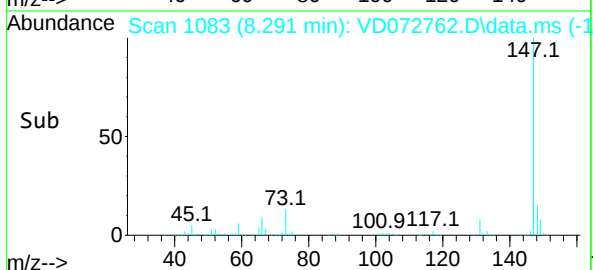
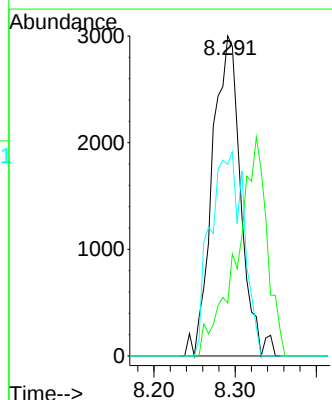
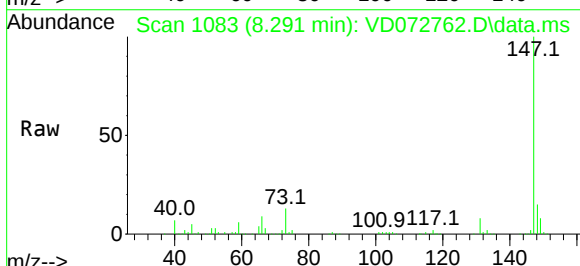
Tgt Ion: 43 Resp: 7263

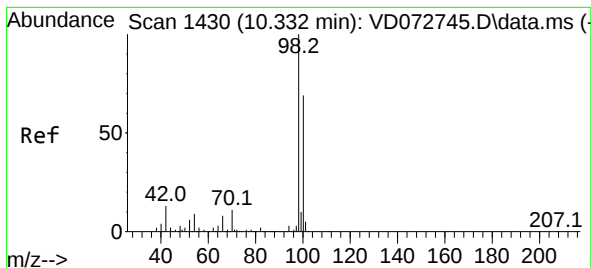
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 75.5 8.7 13.1#

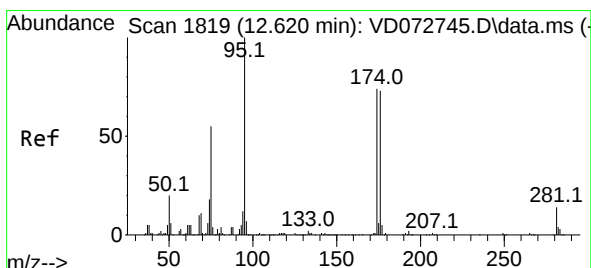
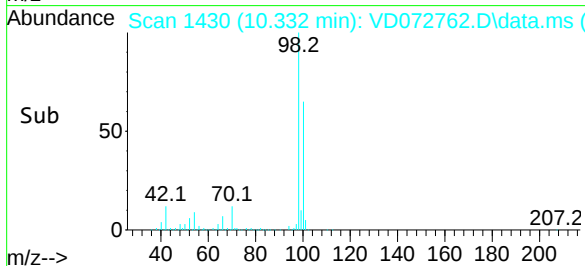
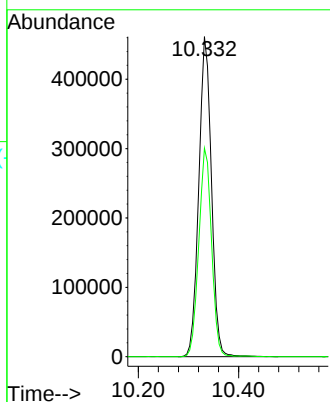
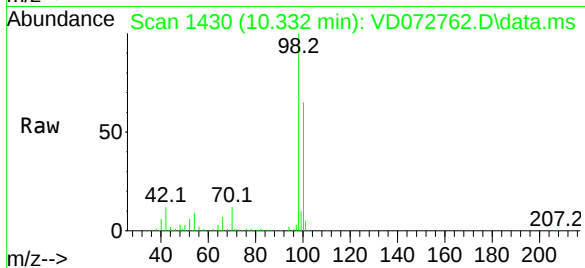




#50
Toluene-d8
Concen: 49.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

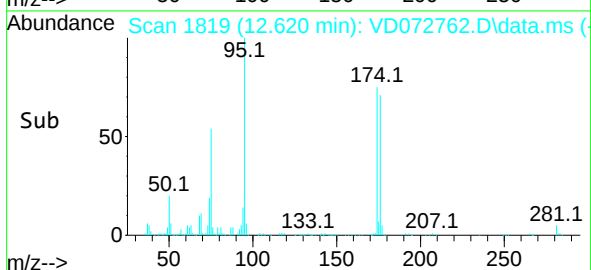
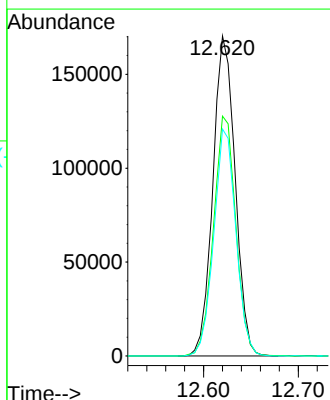
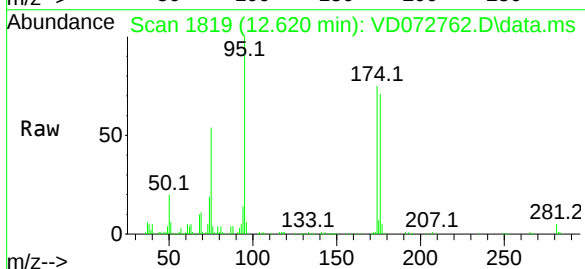
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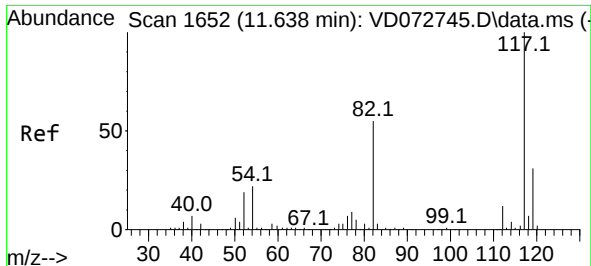
Tgt Ion: 98 Resp: 807450
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.555 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion: 95 Resp: 277690
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 70.6 0.0 145.4

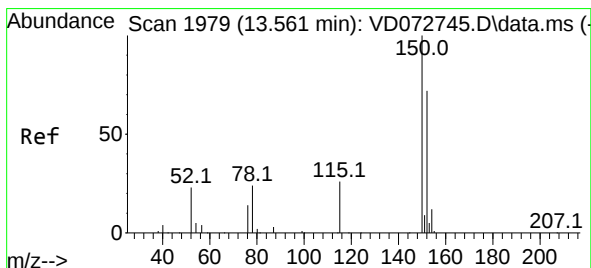
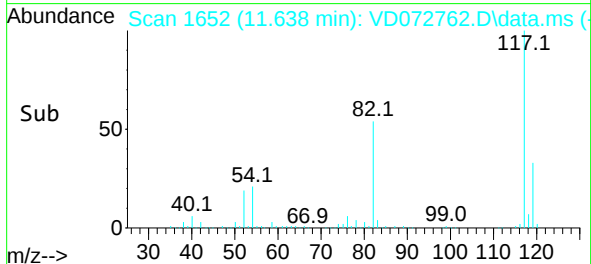
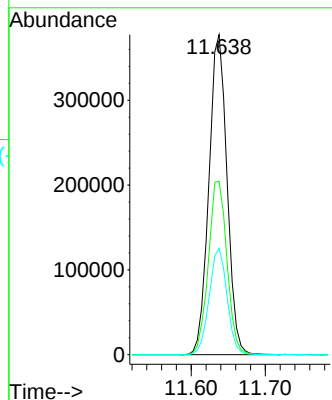
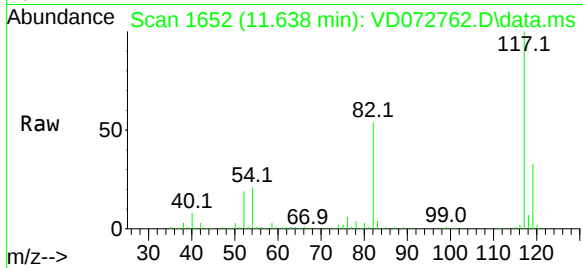




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

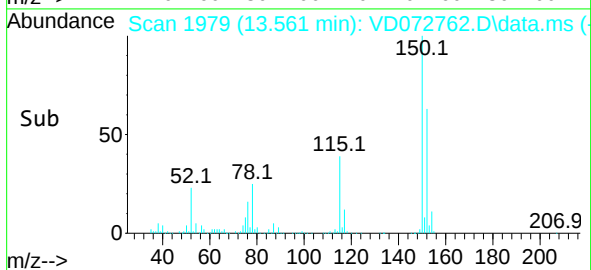
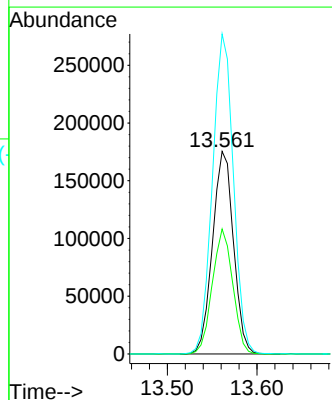
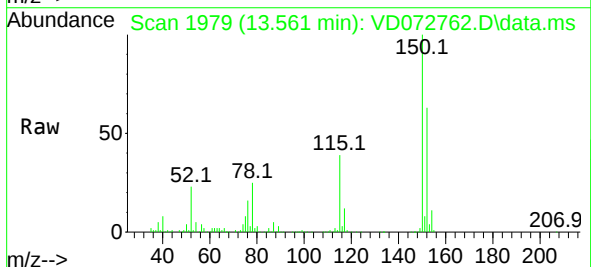
Instrument :
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VD0503SBL01

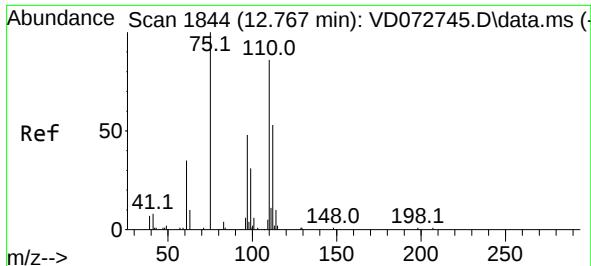
Tgt Ion:117 Resp: 641301
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion:152 Resp: 284845
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.6 0.0 348.6

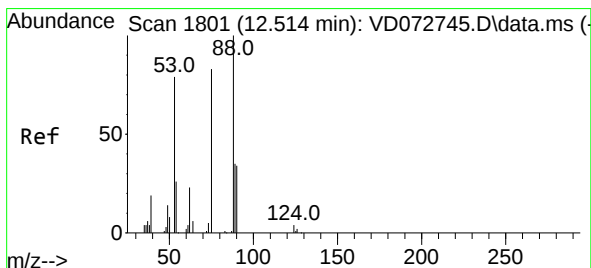
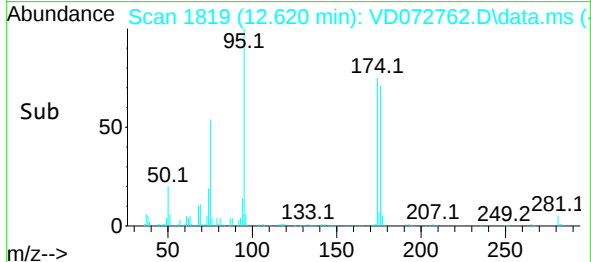
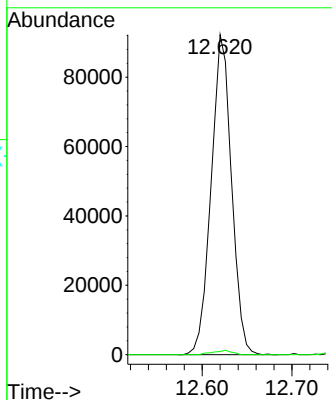
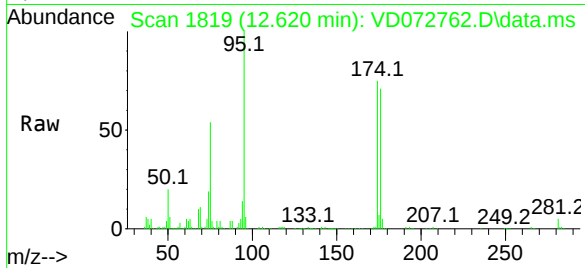




#76
1,2,3-Trichloropropane
Concen: 45.696 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBL01

Tgt Ion: 75 Resp: 145139
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.081 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072762.D
Acq: 03 May 2022 12:07

Tgt Ion: 75 Resp: 145139
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

