

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072923.D
 Acq On : 11 May 2022 11:34
 Operator : VA/SY
 Sample : VD0511SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

Quant Time: May 11 13:17:36 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)

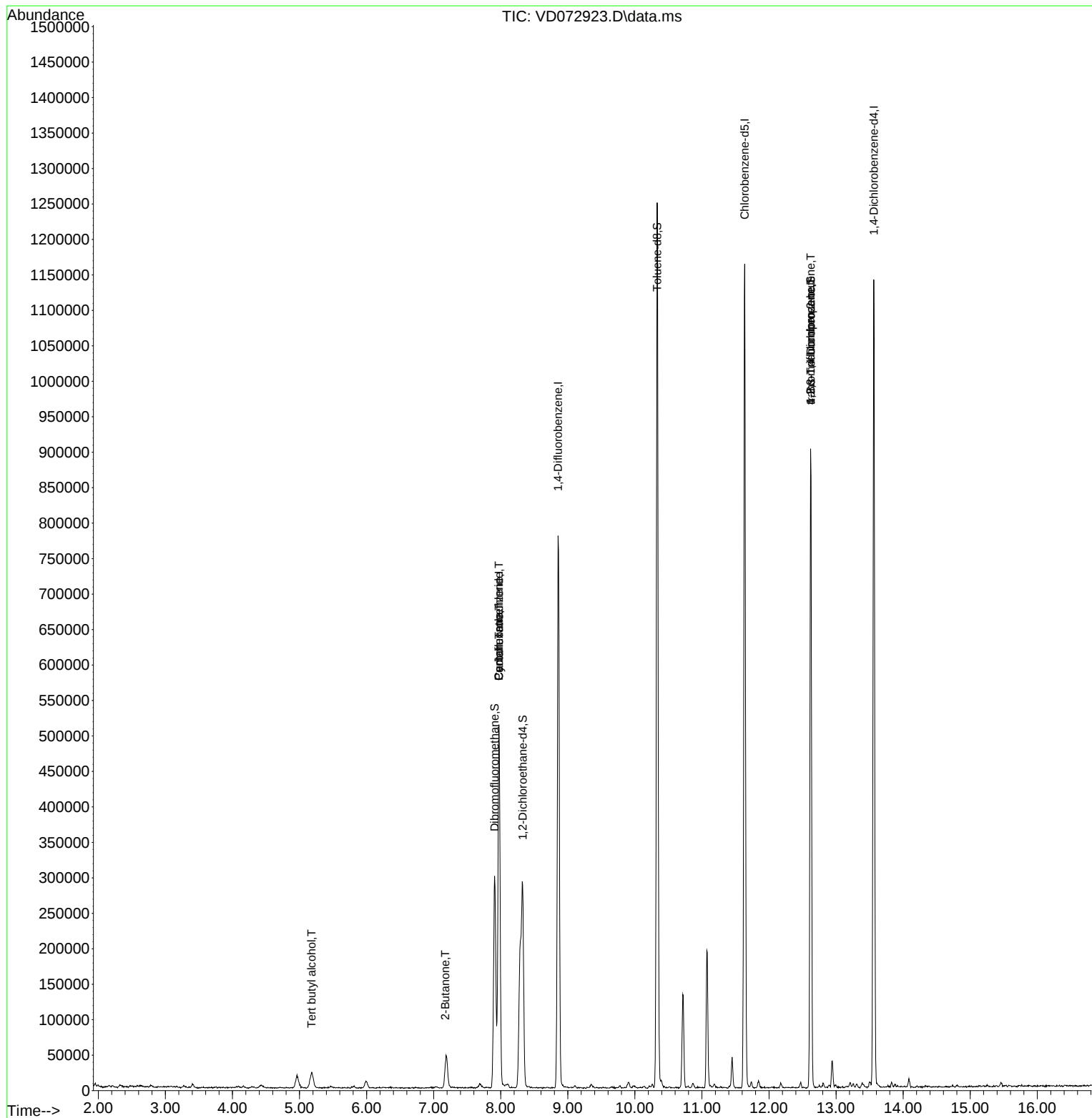
Internal Standards						
1) Pentafluorobenzene	7.973	168	363656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	675495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	663622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214192	45.374	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.740%		
35) Dibromofluoromethane	7.909	113	216368	45.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.220%		
50) Toluene-d8	10.332	98	811719	47.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.620	95	296223	46.684	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.360%		
Target Compounds						
5) Bromomethane	2.779	94	1669	Below Cal		96
11) Tert butyl alcohol	5.179	59	19926	48.787 ug/l #		75
16) Acetone	4.156	43	3271	Below Cal		90
18) Methyl Acetate	4.826	43	88	Below Cal #		55
20) Methylene Chloride	4.973	84	13170	Below Cal #		68
25) 2-Butanone	7.173	43	1396	1.015 ug/l #		52
31) Cyclohexane	7.973	56	9674	1.172 ug/l #		1
38) Carbon Tetrachloride	7.973	117	38825	4.849 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	146938	44.934 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	146938	103.330 ug/l #		7

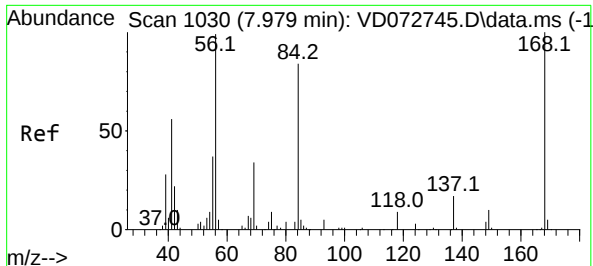
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD072923.D
Acq On : 11 May 2022 11:34
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Quant Time: May 11 13:17:36 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

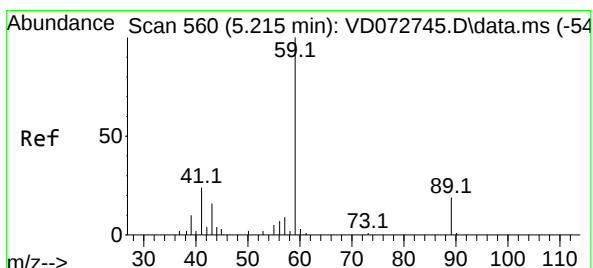
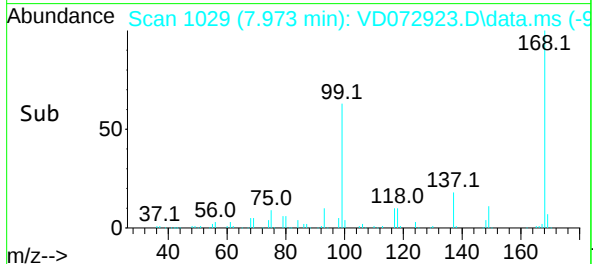
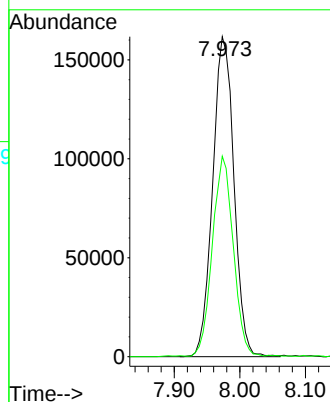
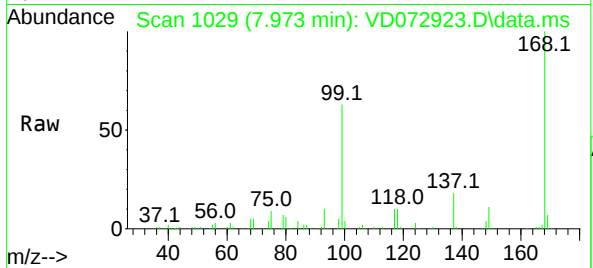




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

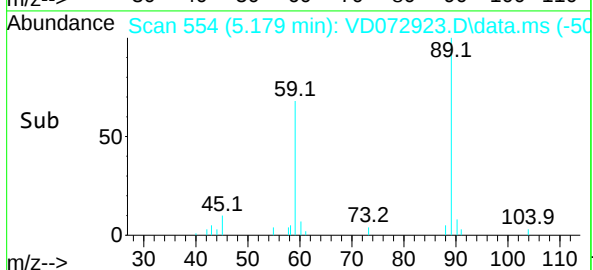
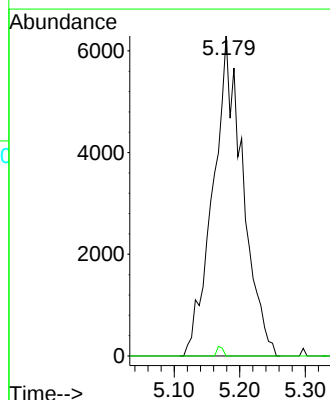
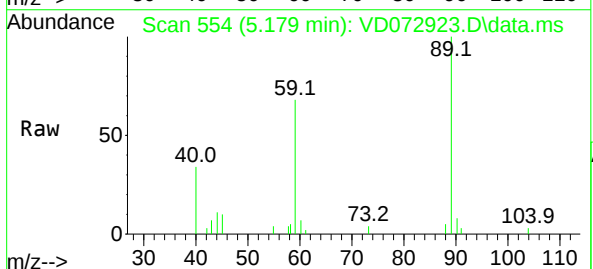
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

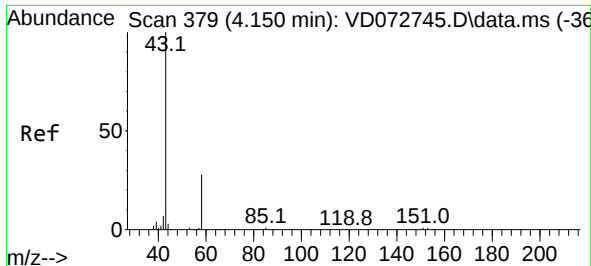
Tgt Ion:168 Resp: 363656
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#11
Tert butyl alcohol
Concen: 48.787 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 59 Resp: 19926
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#

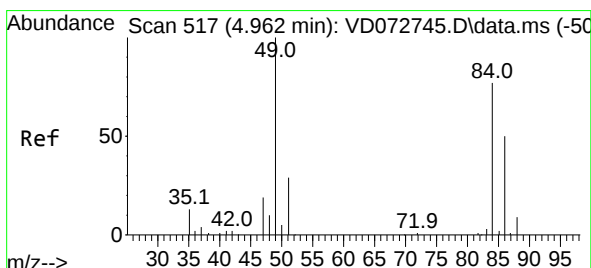
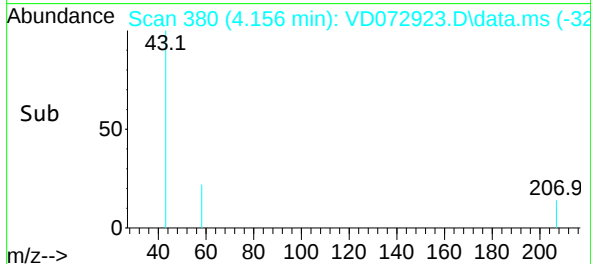
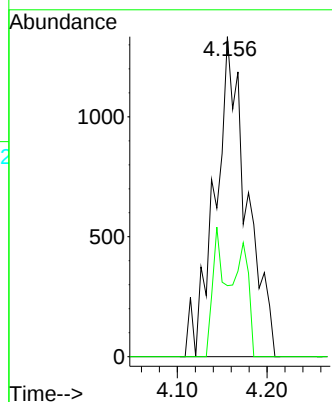
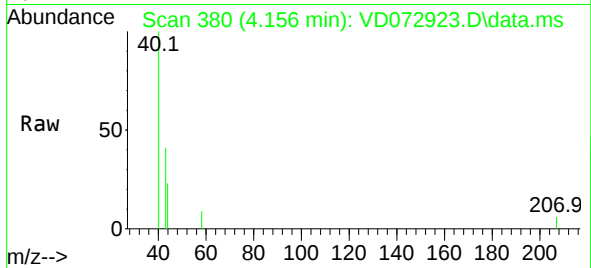




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

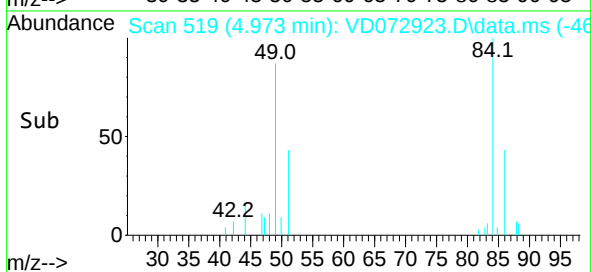
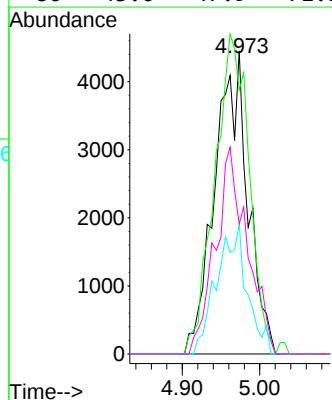
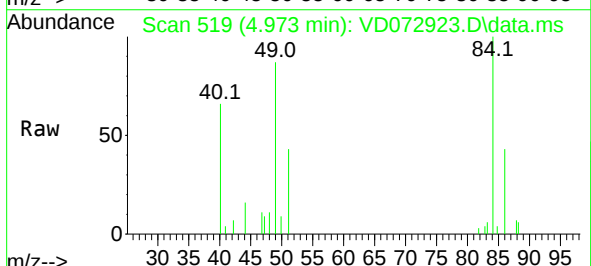
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

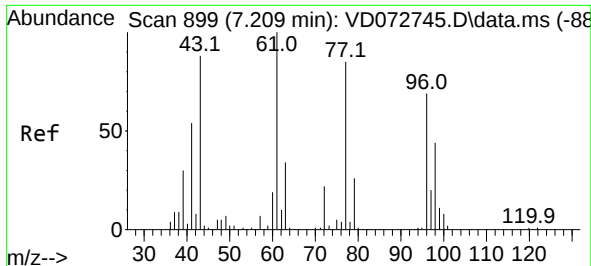
Tgt Ion: 43 Resp: 3271
Ion Ratio Lower Upper
43 100
58 22.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 84 Resp: 13170
Ion Ratio Lower Upper
84 100
49 87.1 112.8 169.2#
51 42.8 32.6 48.8
86 43.0 47.9 71.9#

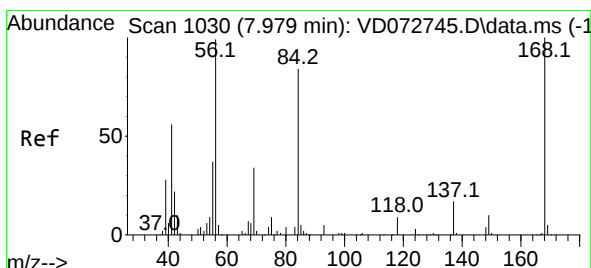
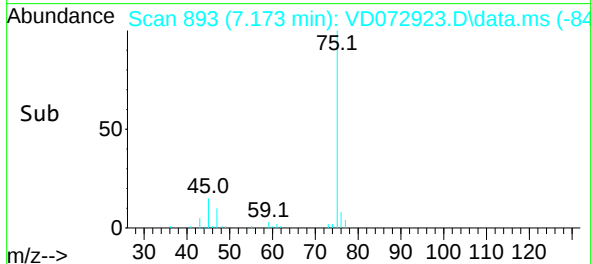
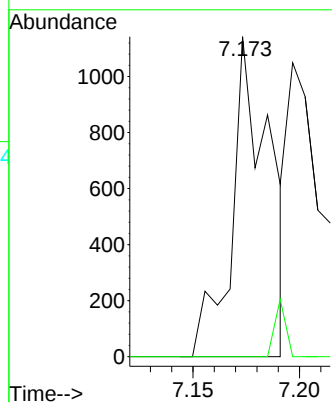
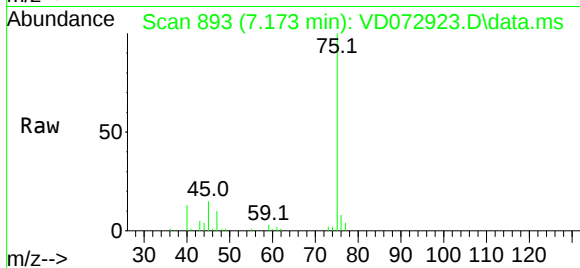




#25
2-Butanone
Concen: 1.015 ug/l
RT: 7.173 min Scan# 899
Delta R.T. -0.036 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

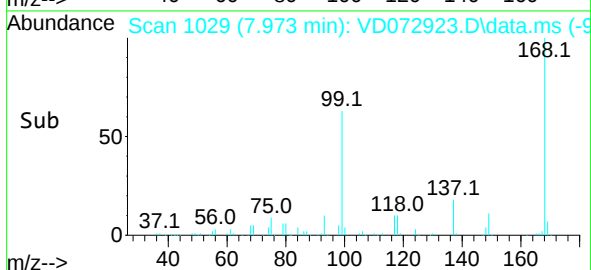
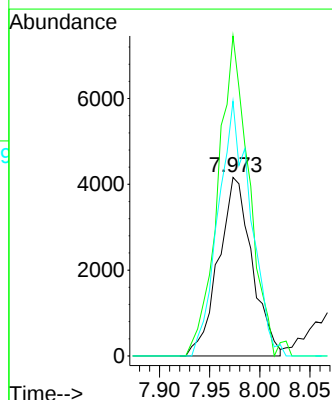
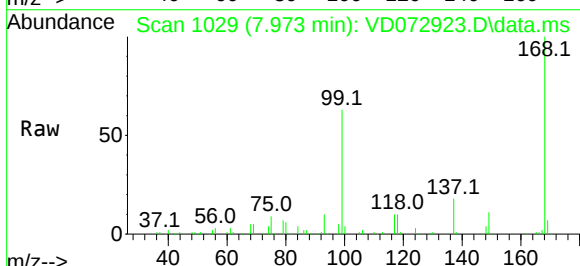
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

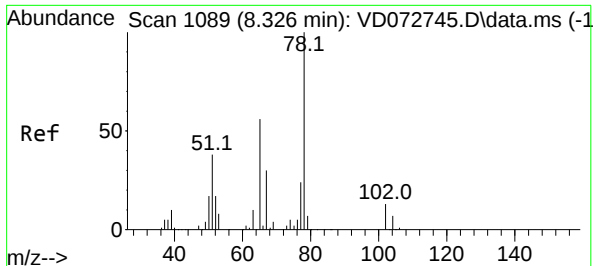
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 56 Resp: 9674
Ion Ratio Lower Upper
56 100
69 179.1 25.4 38.2#
84 142.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.374 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072923.D

Acq: 11 May 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

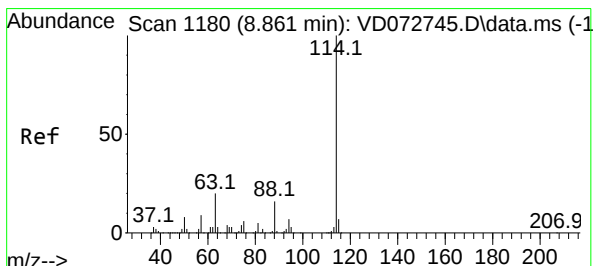
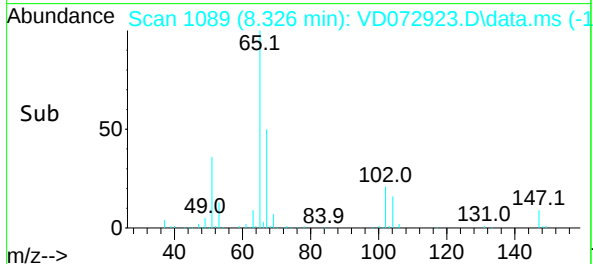
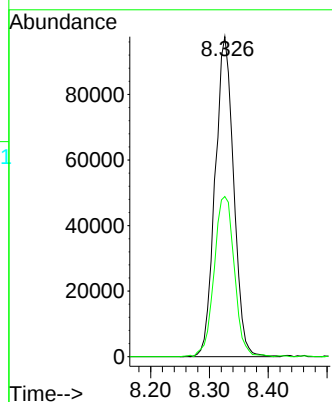
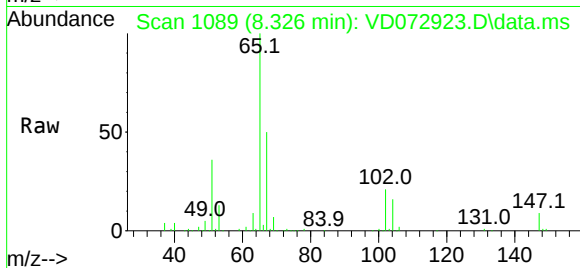
VD0511SBL01

Tgt Ion: 65 Resp: 214192

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072923.D

Acq: 11 May 2022 11:34

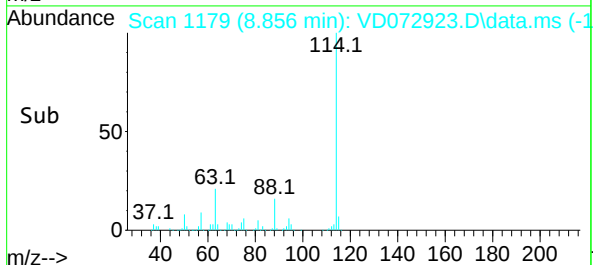
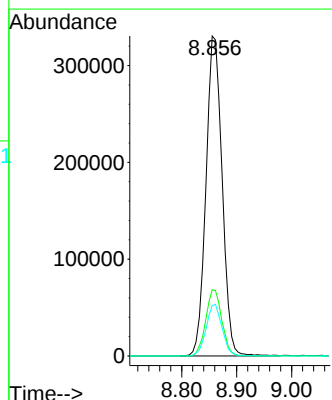
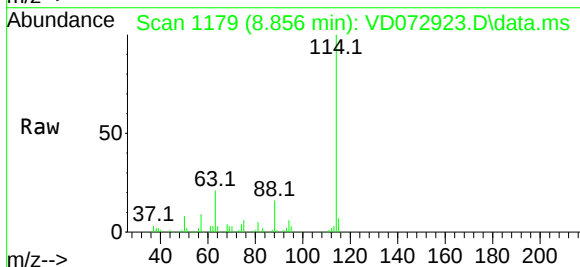
Tgt Ion: 114 Resp: 675495

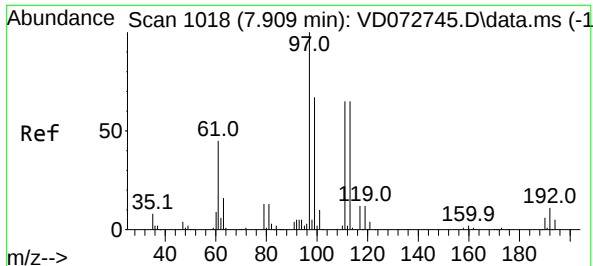
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.608 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072923.D

Acq: 11 May 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD0511SBL01

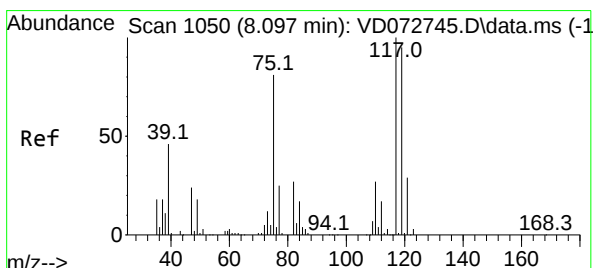
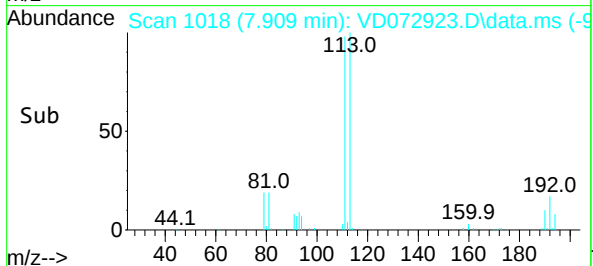
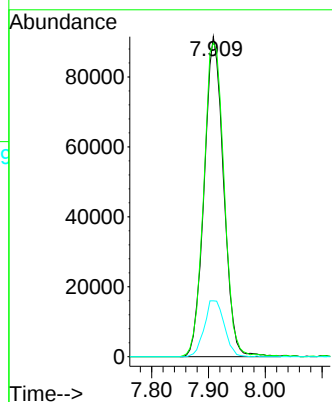
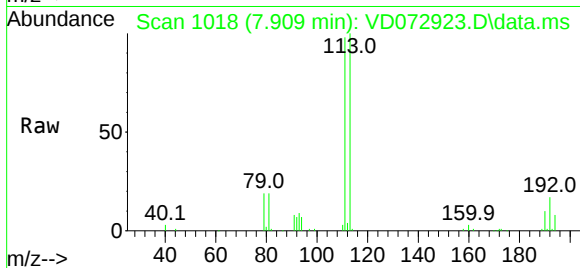
Tgt Ion:113 Resp: 216368

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.1 14.6 21.8



#38

Carbon Tetrachloride

Concen: 4.849 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072923.D

Acq: 11 May 2022 11:34

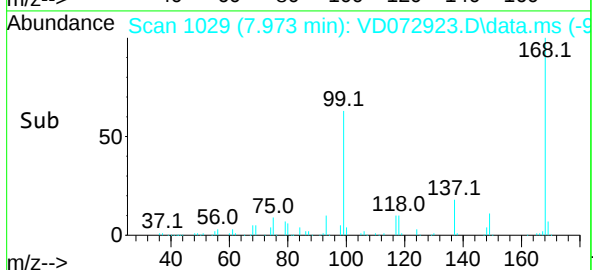
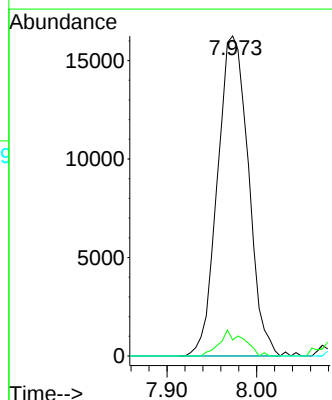
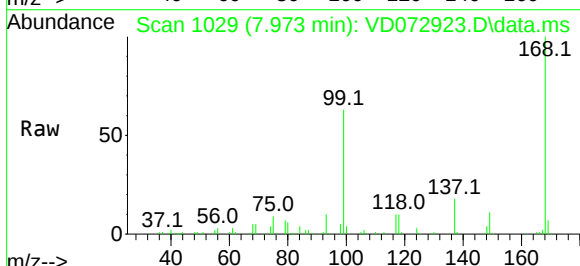
Tgt Ion:117 Resp: 38825

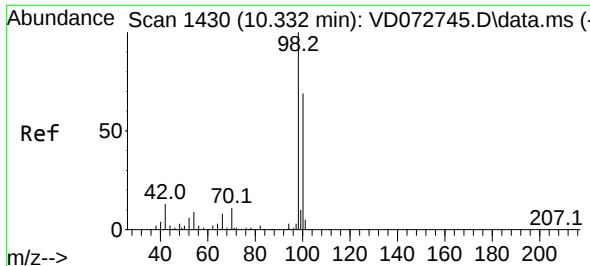
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

121 0.0 24.5 36.7#

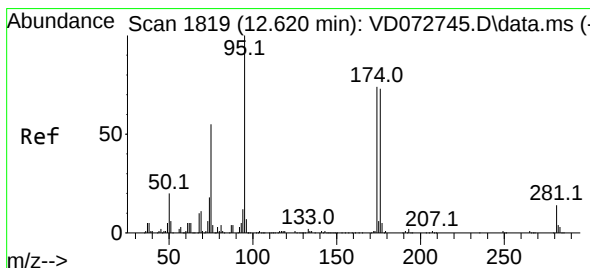
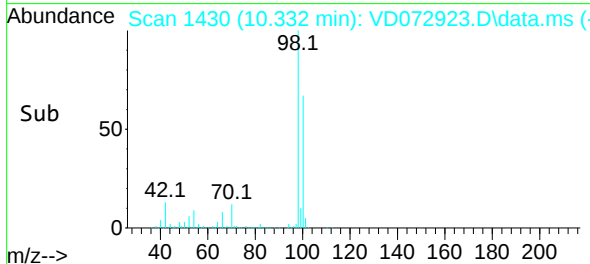
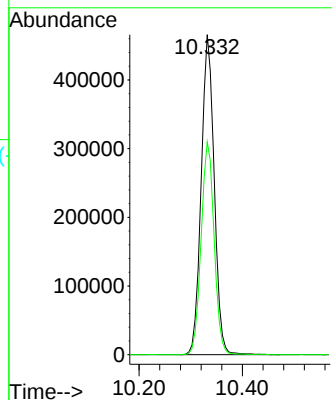
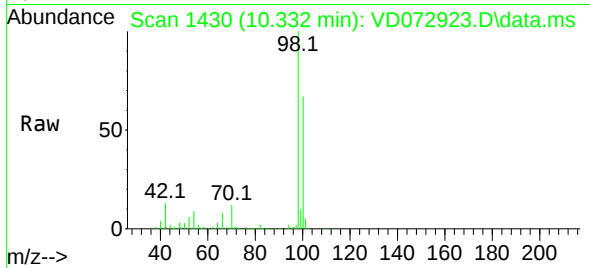




#50
Toluene-d8
Concen: 47.699 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

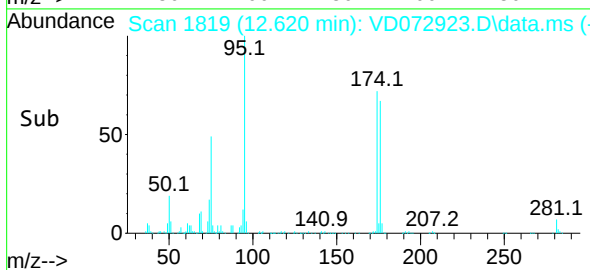
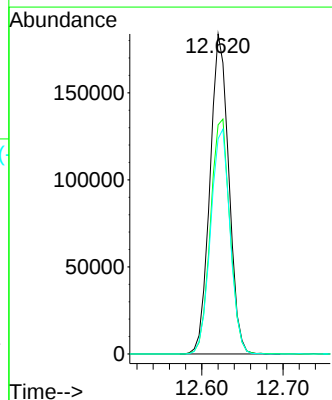
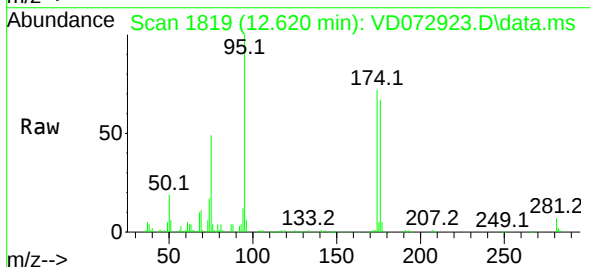
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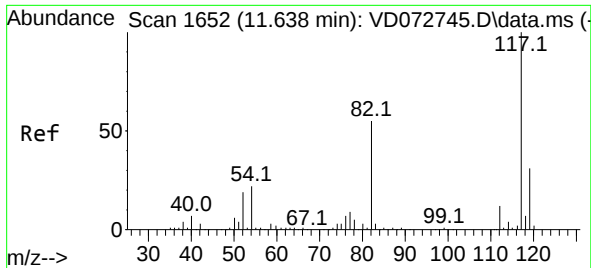
Tgt Ion: 98 Resp: 811719
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 95 Resp: 296223
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.3 0.0 145.4

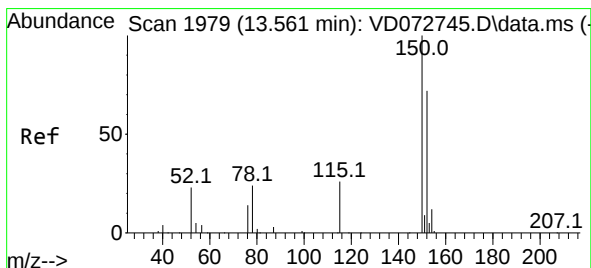
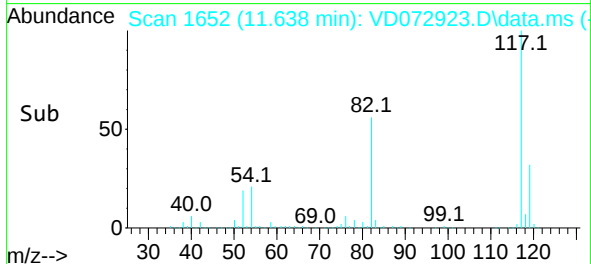
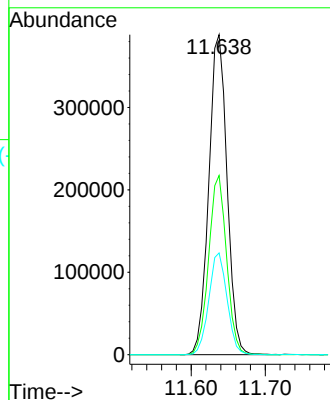
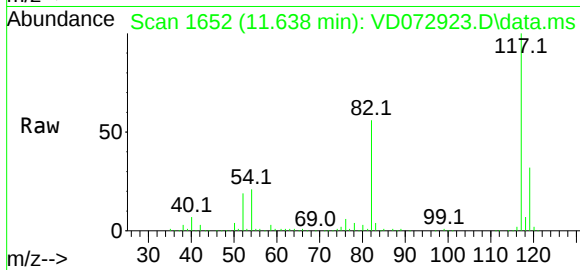




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

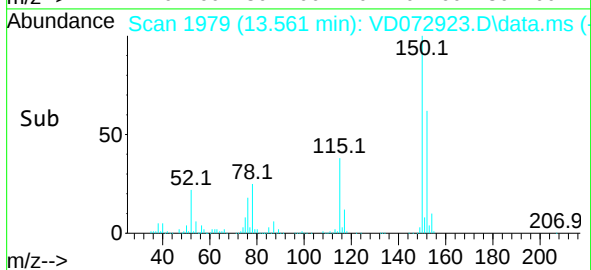
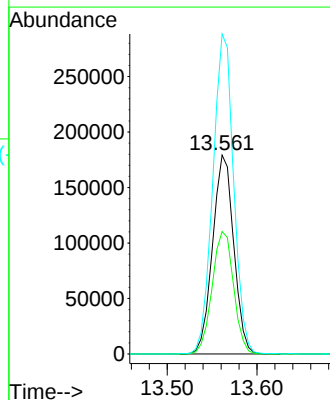
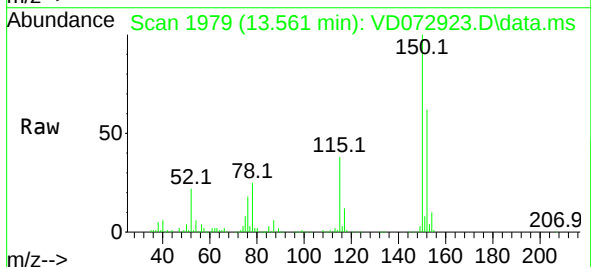
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

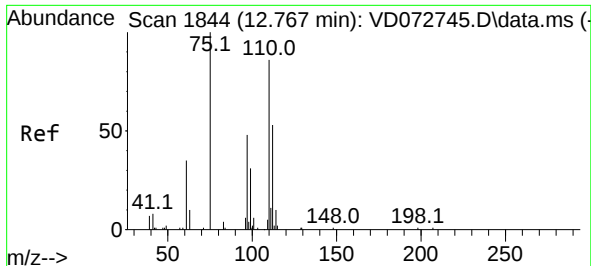
Tgt Ion:117 Resp: 663622
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion:152 Resp: 293263
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 158.1 0.0 348.6

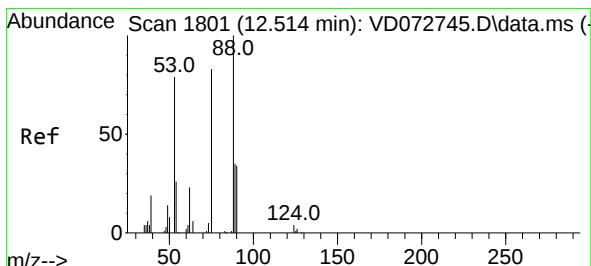
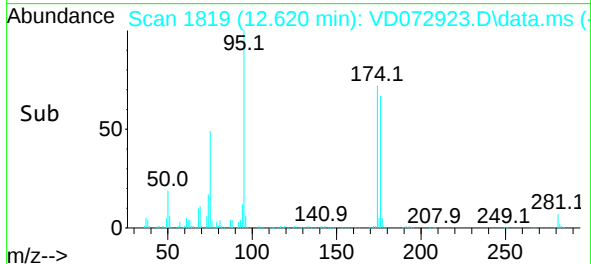
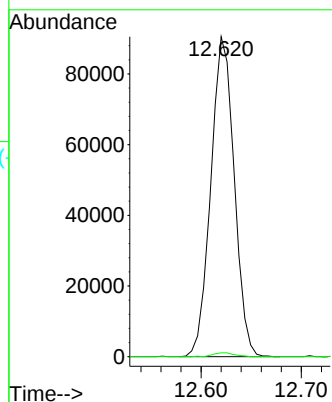
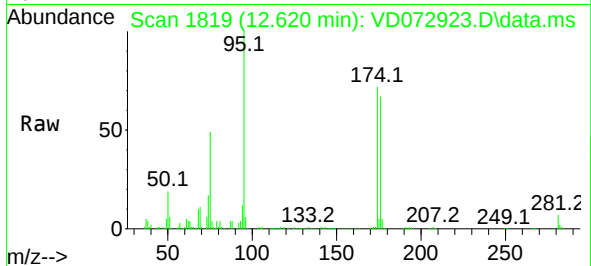




#76
1,2,3-Trichloropropane
Concen: 44.934 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Tgt Ion: 75 Resp: 146938
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 75 Resp: 146938
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#

