

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073472.D
 Acq On : 02 Jun 2022 15:23
 Operator : VA/SY
 Sample : N3138-01
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-053122

Quant Time: Jun 03 01:29:55 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)

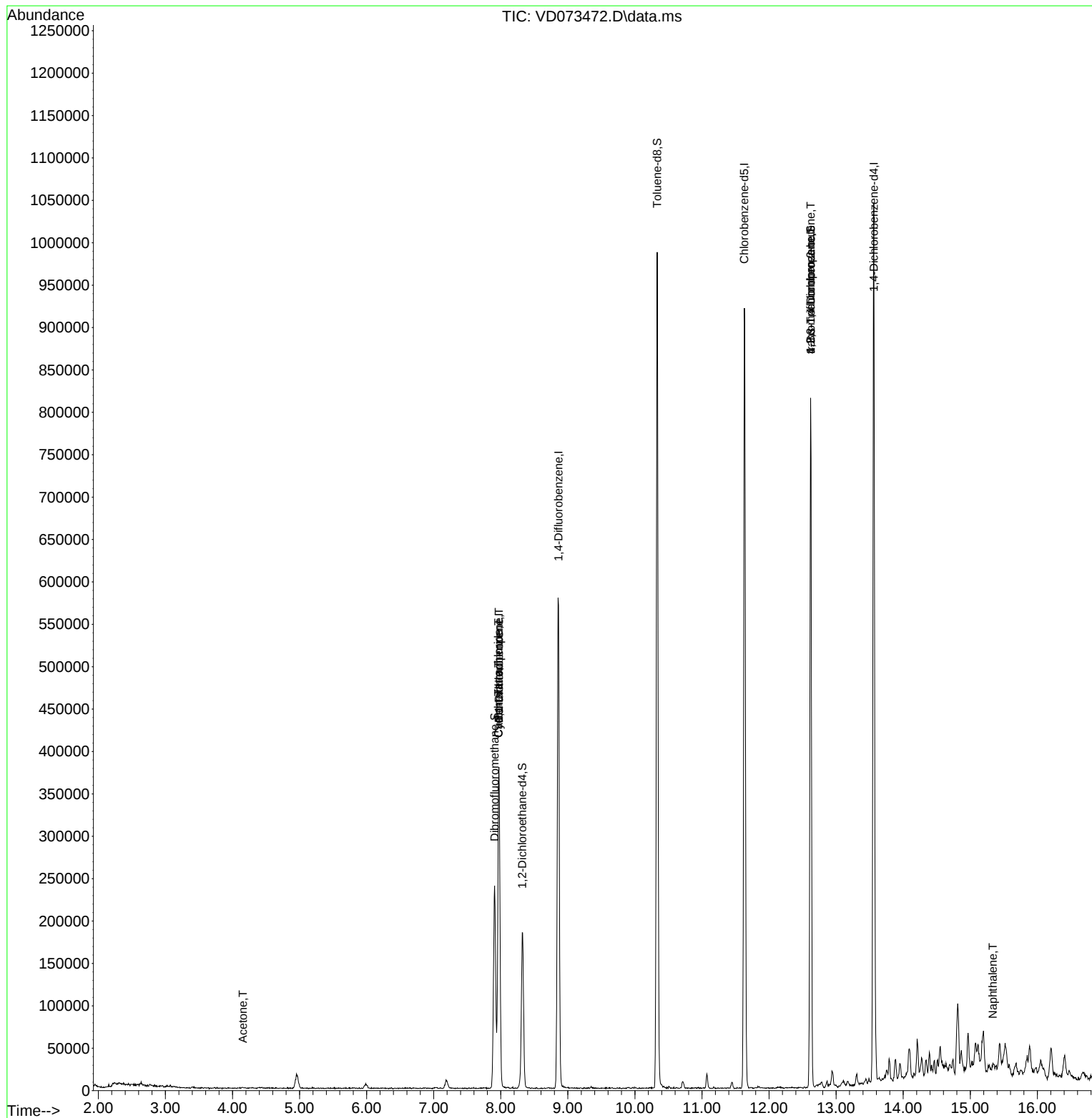
Internal Standards						
1) Pentafluorobenzene	7.973	168	279564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	505379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	556801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	149821	48.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.908	113	169858	50.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.331	98	641088	52.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.620	95	250470	58.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	711	Below Cal		90
16) Acetone	4.155	43	1779	3.324	ug/l #	47
20) Methylene Chloride	4.961	84	12610	Below Cal	#	66
31) Cyclohexane	7.967	56	6194	1.147	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	21798	4.346	ug/l #	53
38) Carbon Tetrachloride	7.967	117	28615	5.628	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	127031	45.873	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127031	110.127	ug/l #	7
95) Naphthalene	15.337	128	1345	3.677	ug/l #	59

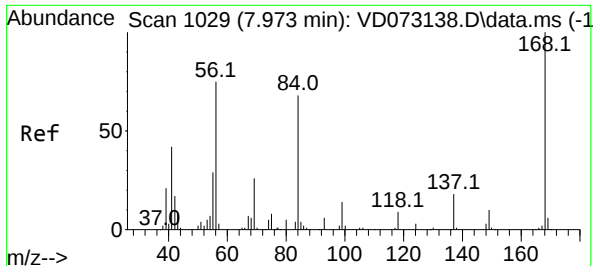
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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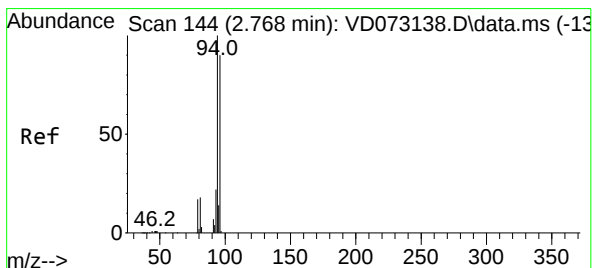
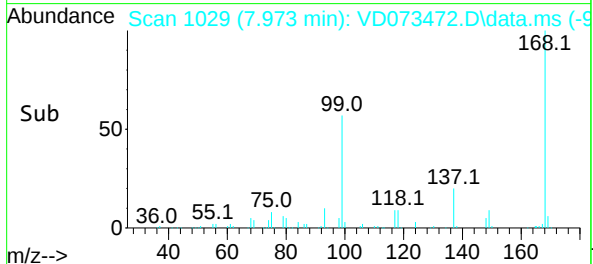
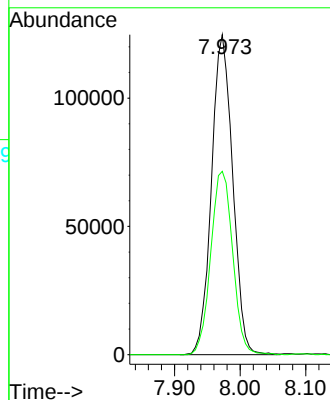
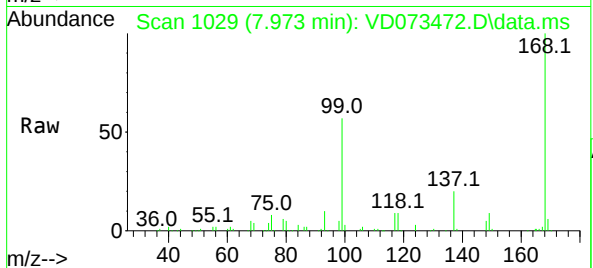




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

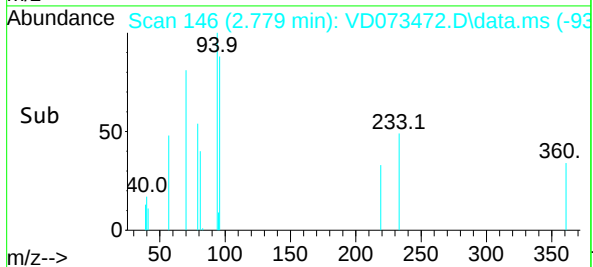
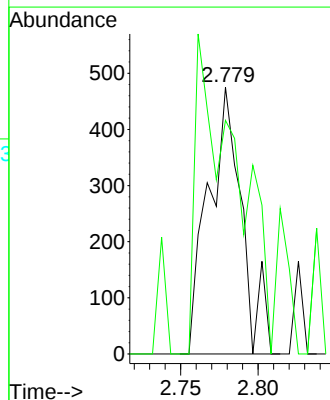
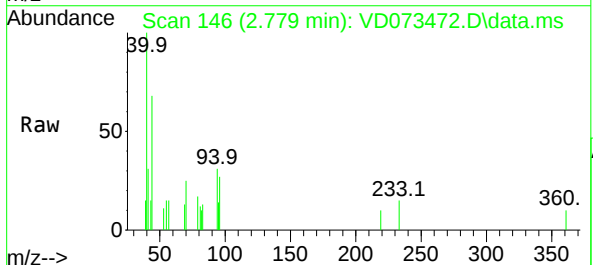
Instrument :
MSVOA_D
ClientSampleId :
OR-3-053122

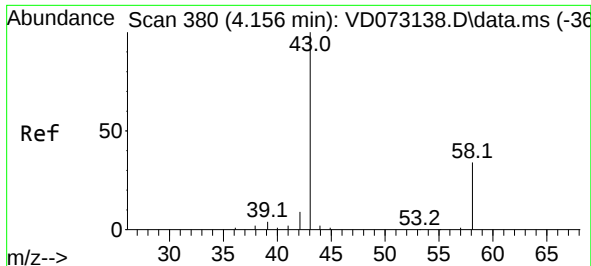
Tgt Ion:168 Resp: 279564
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 87.6 77.6 116.4

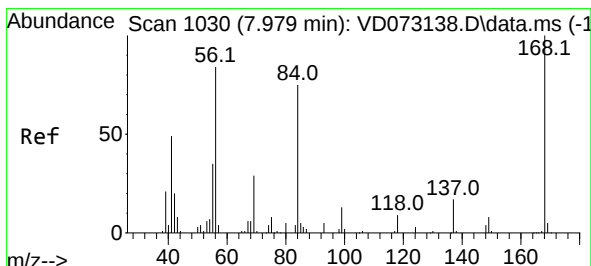
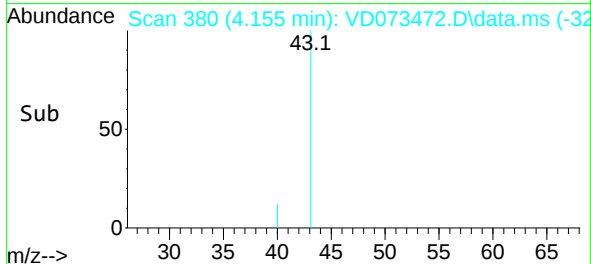
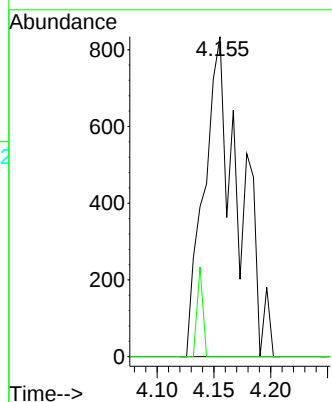
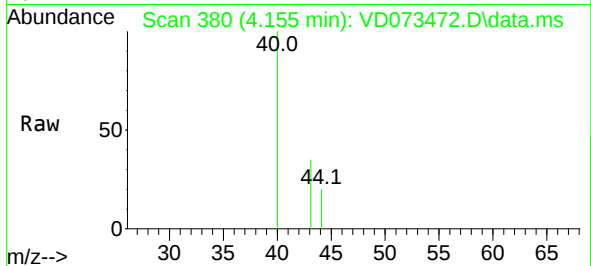




#16
Acetone
Concen: 3.324 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

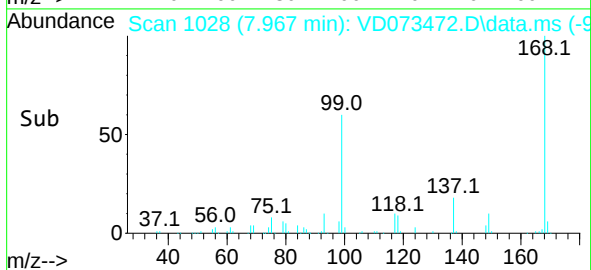
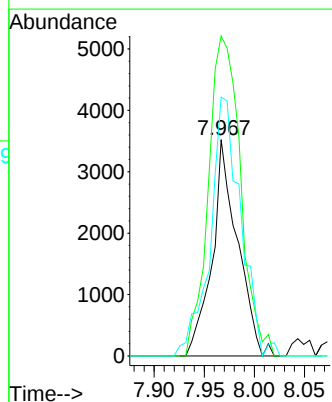
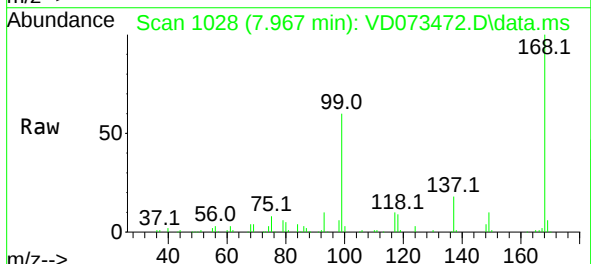
Instrument :
MSVOA_D
ClientSampleId :
OR-3-053122

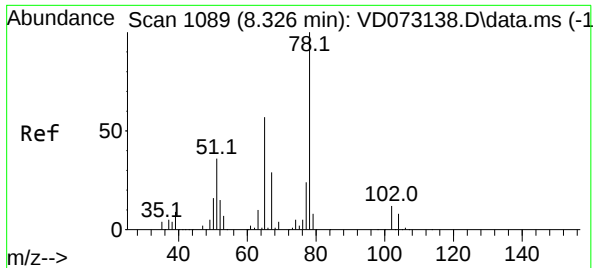
Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Tgt Ion: 56 Resp: 6194
Ion Ratio Lower Upper
56 100
69 147.9 25.4 38.2#
84 119.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073472.D

Acq: 02 Jun 2022 15:23

Instrument :

MSVOA_D

ClientSampleId :

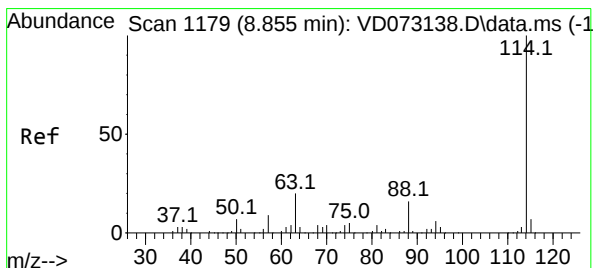
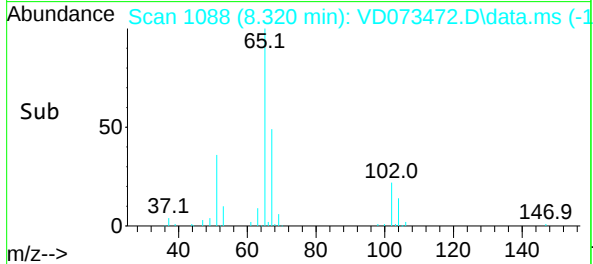
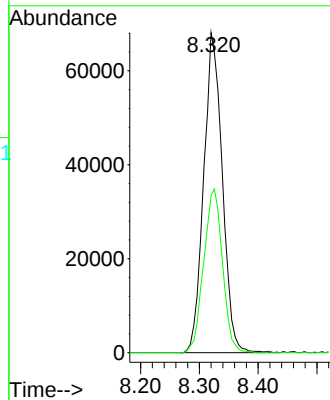
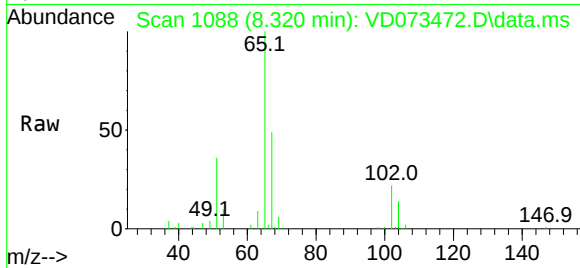
OR-3-053122

Tgt Ion: 65 Resp: 149821

Ion Ratio Lower Upper

65 100

67 51.6 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: VD073472.D

Acq: 02 Jun 2022 15:23

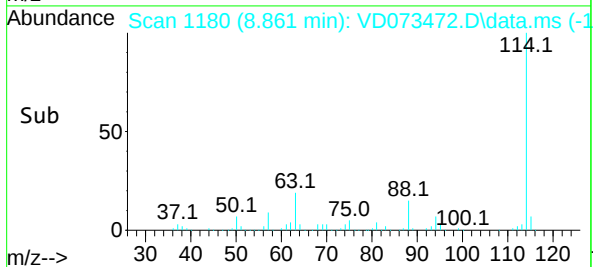
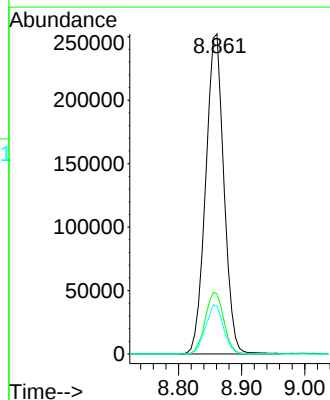
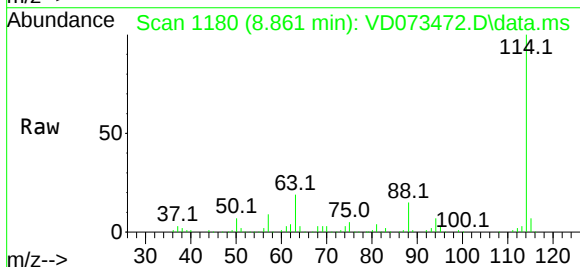
Tgt Ion: 114 Resp: 505379

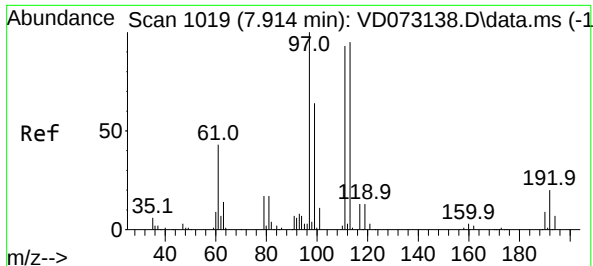
Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.935 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073472.D

Acq: 02 Jun 2022 15:23

Instrument :

MSVOA_D

ClientSampleId :

OR-3-053122

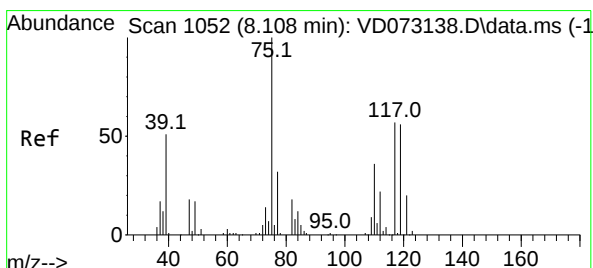
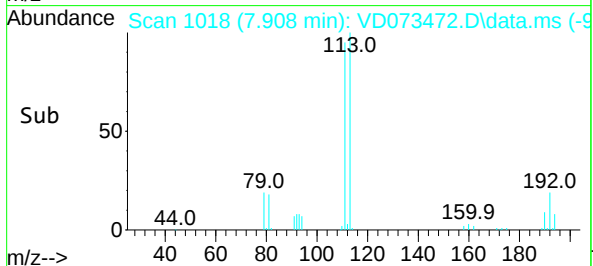
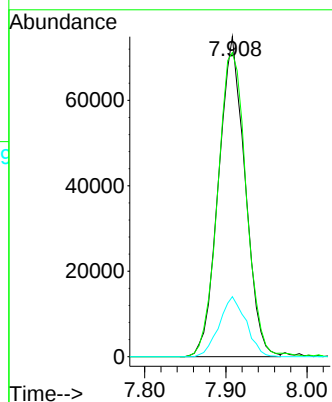
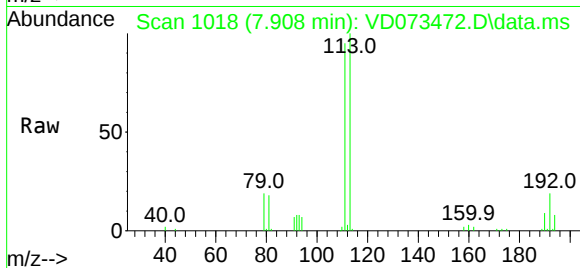
Tgt Ion:113 Resp: 169858

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.346 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073472.D

Acq: 02 Jun 2022 15:23

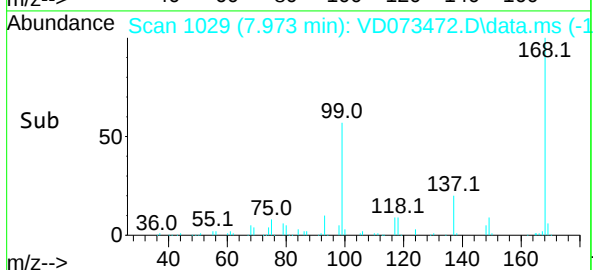
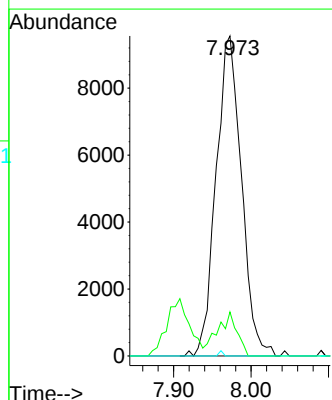
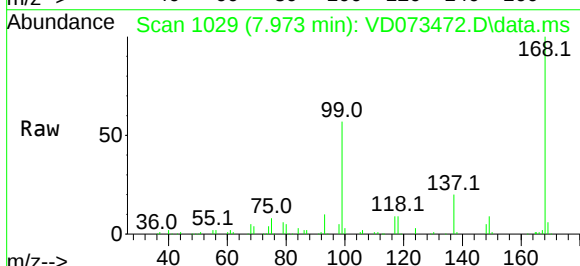
Tgt Ion: 75 Resp: 21798

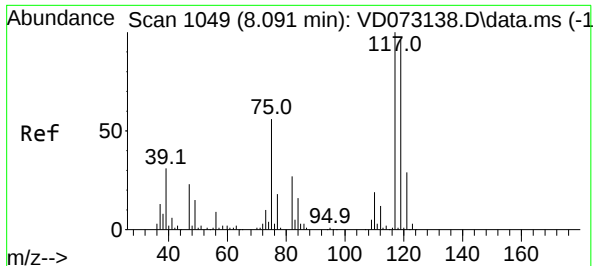
Ion Ratio Lower Upper

75 100

110 10.7 16.4 49.1#

77 0.3 24.2 36.2#

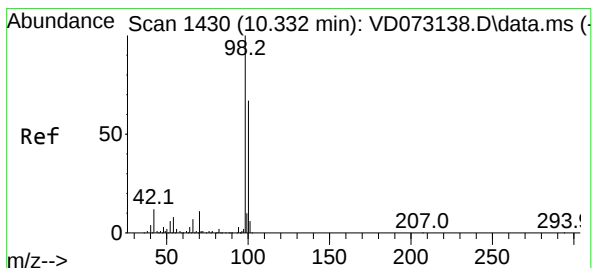
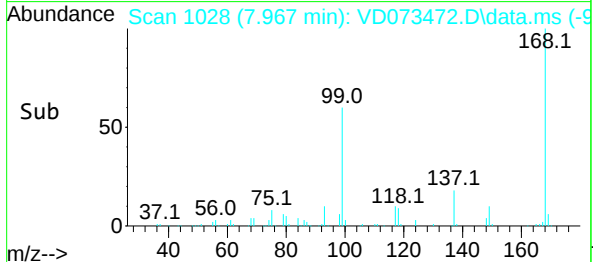
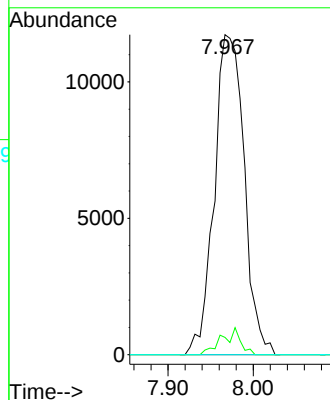
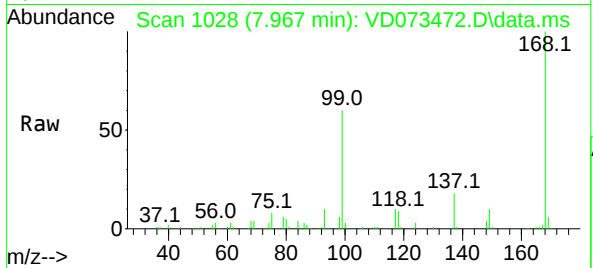




#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

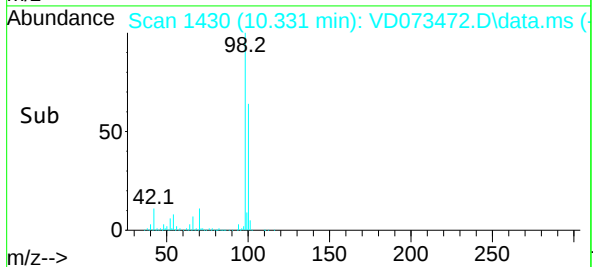
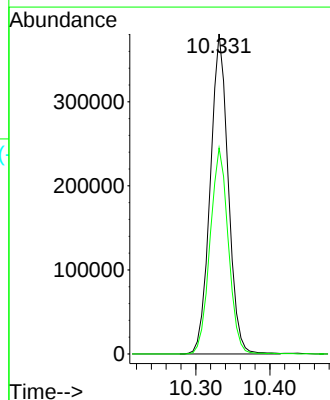
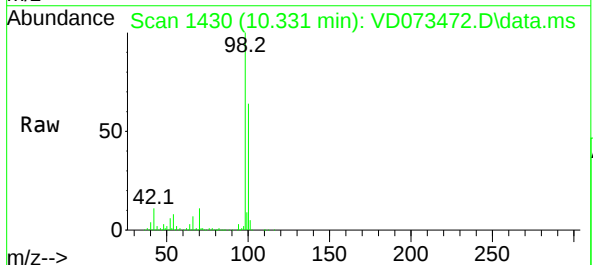
Instrument :
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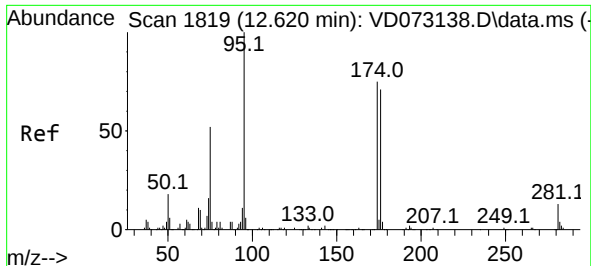
Tgt Ion:117 Resp: 28615
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.151 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Tgt Ion: 98 Resp: 641088
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

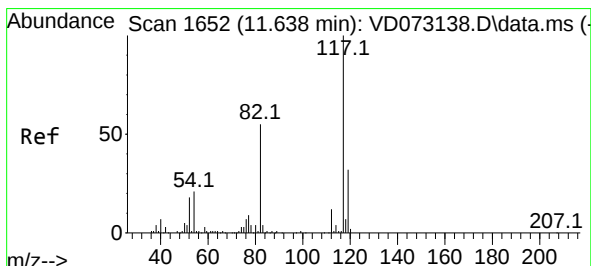
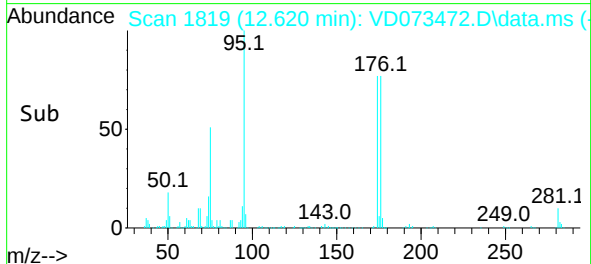
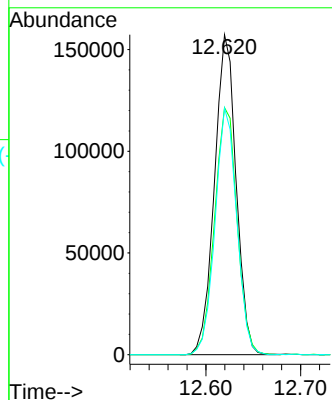
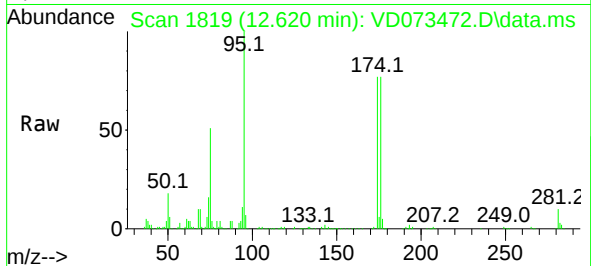




#62
4-Bromofluorobenzene
Concen: 58.058 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

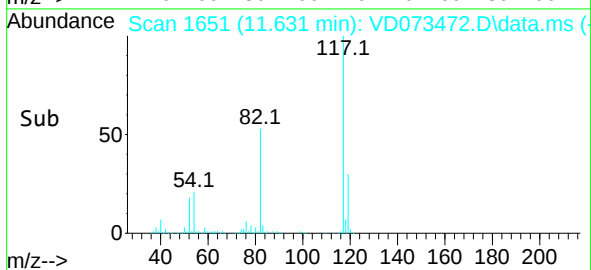
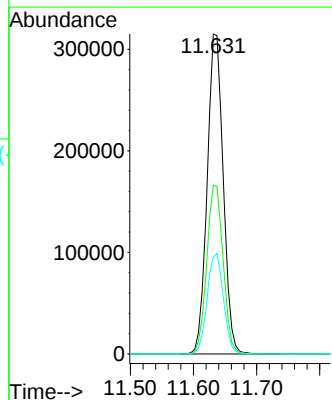
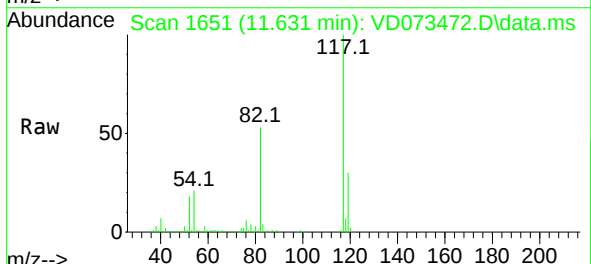
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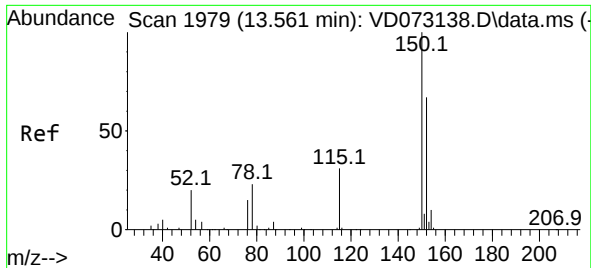
Tgt Ion: 95 Resp: 250470
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 76.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.007 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Tgt Ion: 117 Resp: 556801
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 30.2 26.6 40.0

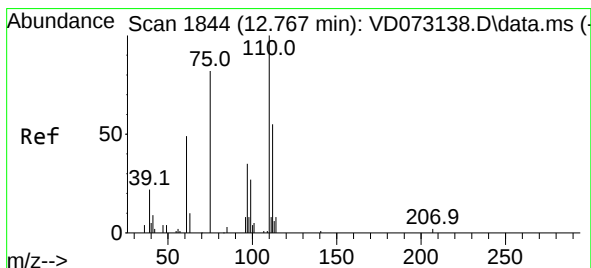
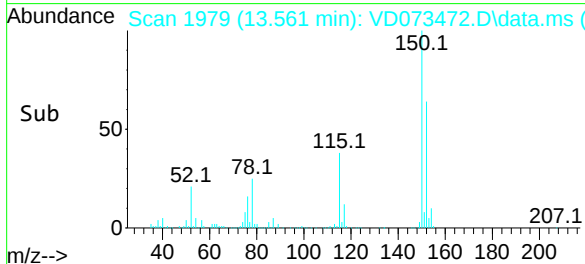
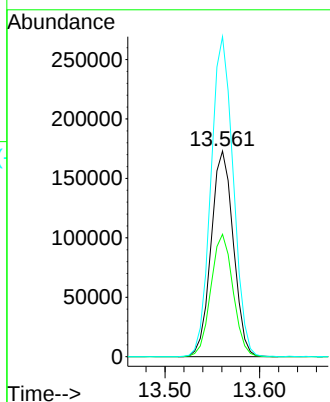
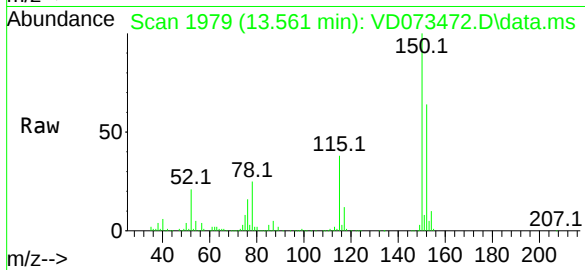




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073472.D
 Acq: 02 Jun 2022 15:23

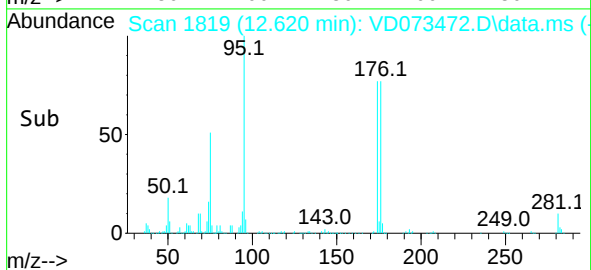
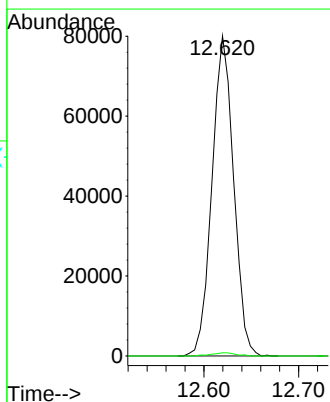
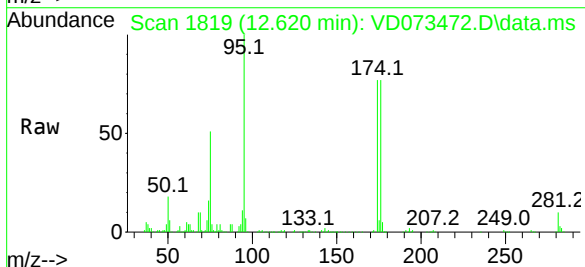
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-053122

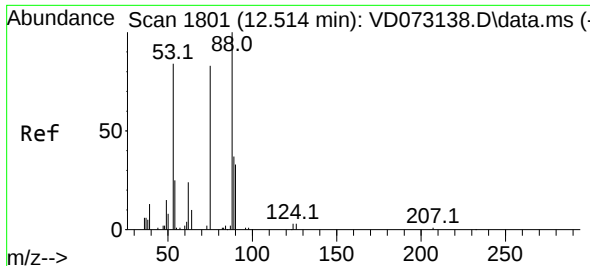
Tgt Ion:152 Resp: 282232
 Ion Ratio Lower Upper
 152 100
 115 59.3 31.3 93.8
 150 156.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.873 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073472.D
 Acq: 02 Jun 2022 15:23

Tgt Ion: 75 Resp: 127031
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

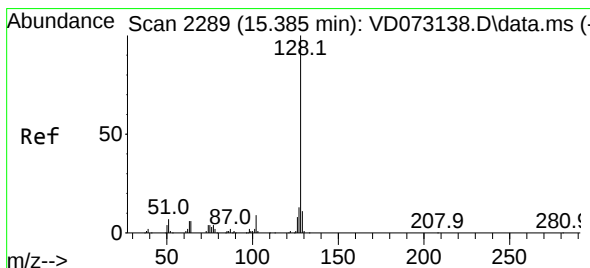
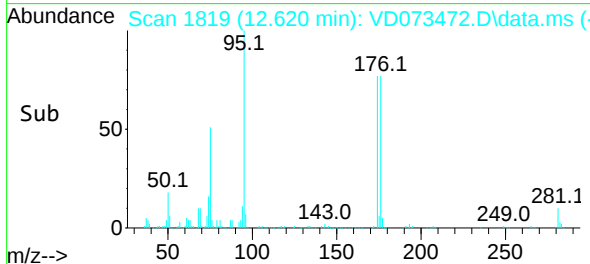
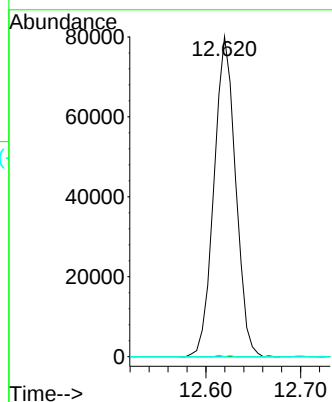
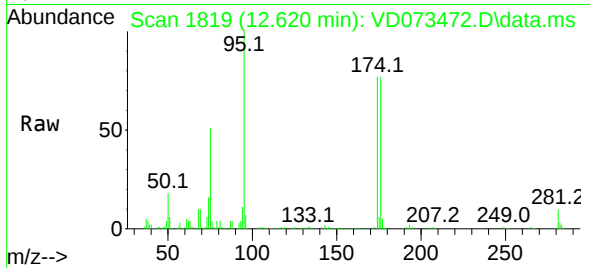




#81
trans-1,4-Dichloro-2-butene
Concen: 110.127 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Instrument :
MSVOA_D
ClientSampleId :
OR-3-053122

Tgt Ion: 75 Resp: 127031
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.677 ug/l
RT: 15.337 min Scan# 2281
Delta R.T. -0.048 min
Lab File: VD073472.D
Acq: 02 Jun 2022 15:23

Tgt Ion: 128 Resp: 1345
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 29.4 8.4 12.6#

