

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073407.D
 Acq On : 27 May 2022 13:16
 Operator : VA/SY
 Sample : N3070-03RE
 Misc : 4.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 28 09:43:12 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)

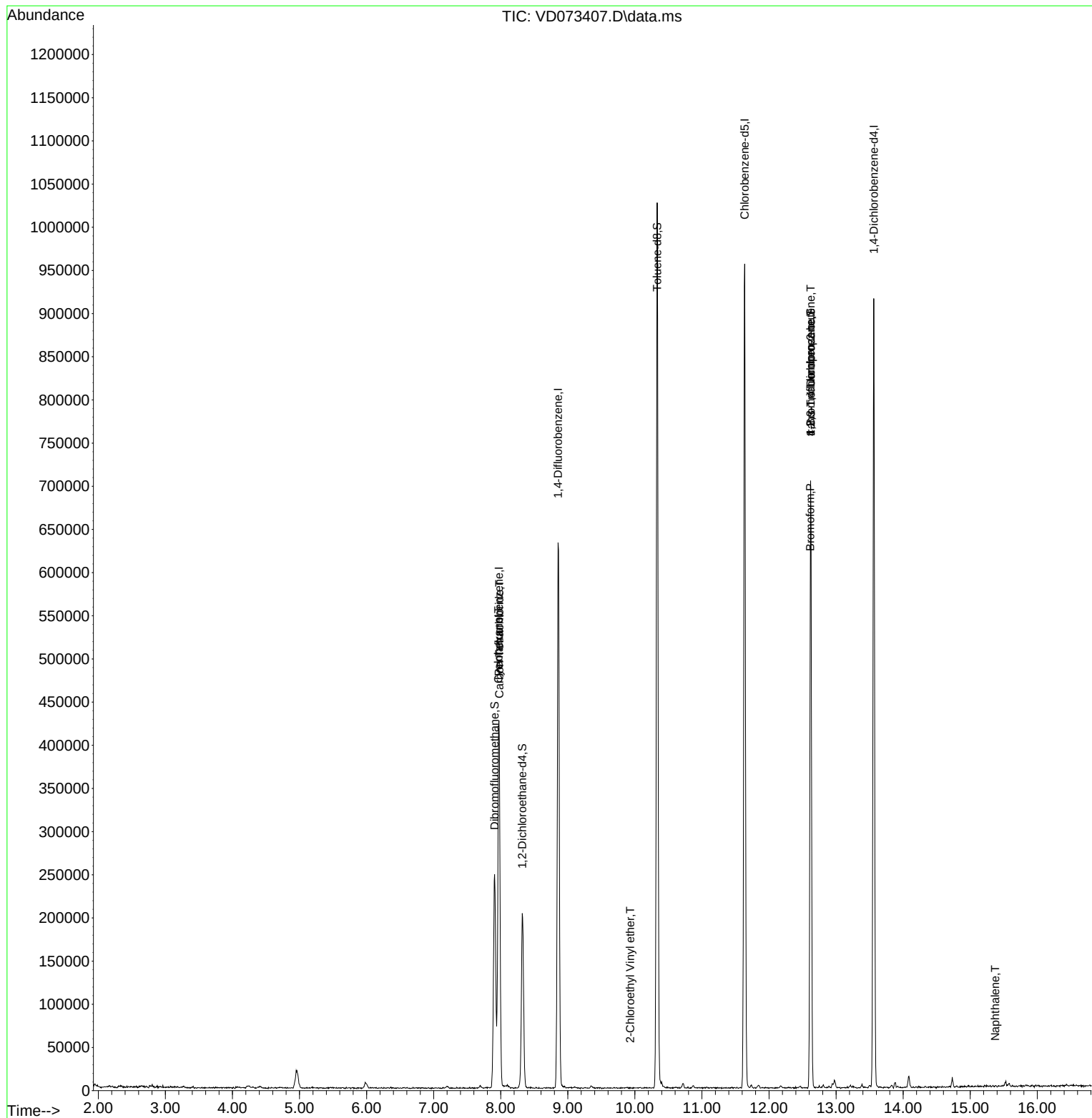
Internal Standards						
1) Pentafluorobenzene	7.973	168	314616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	547091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	161295	46.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.909	113	180716	50.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.332	98	671817	50.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.620	95	239948	51.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.760%
Target Compounds						
5) Bromomethane	2.773	94	1595	Below Cal	Qvalue	85
31) Cyclohexane	7.967	56	8466	1.393	ug/l #	44
38) Carbon Tetrachloride	7.979	117	33403	6.069	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.932	63	55	21.653	ug/l #	48
71) Bromoform	12.614	173	2197	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	121586	51.290	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	121586	123.132	ug/l #	7
95) Naphthalene	15.373	128	728	3.627	ug/l #	70

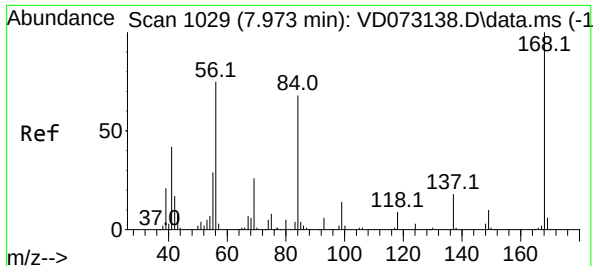
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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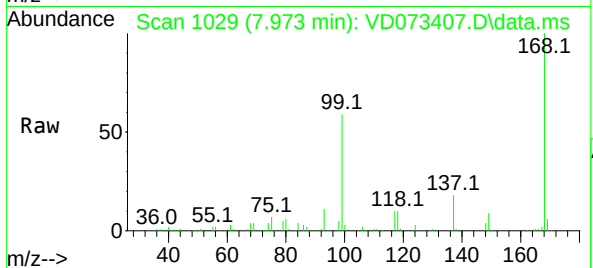
Quant Time: May 28 09:43:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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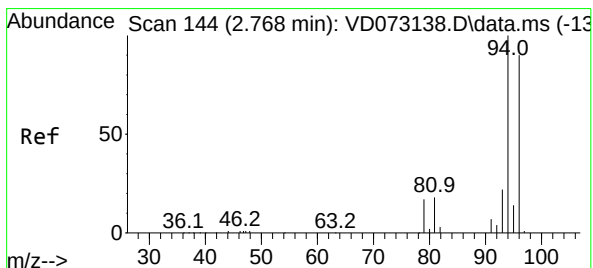
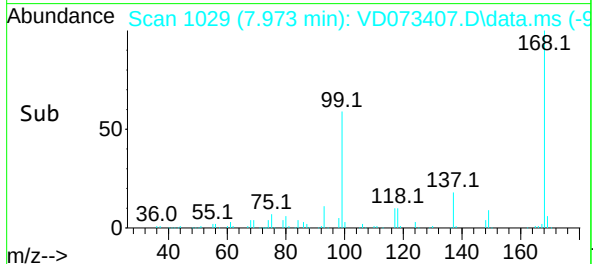
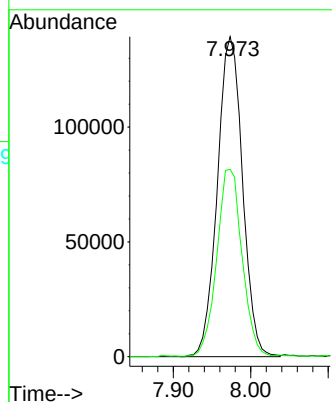


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :

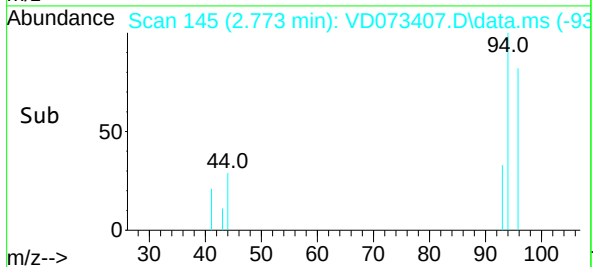
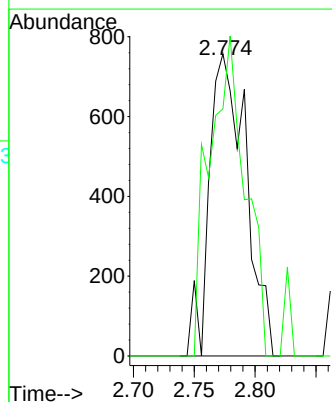
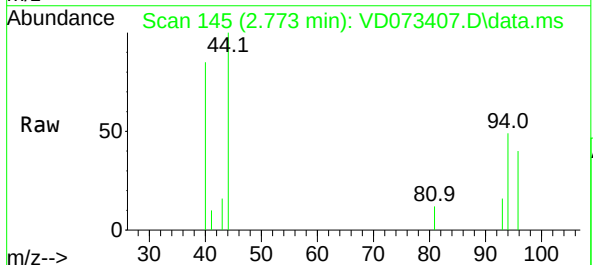


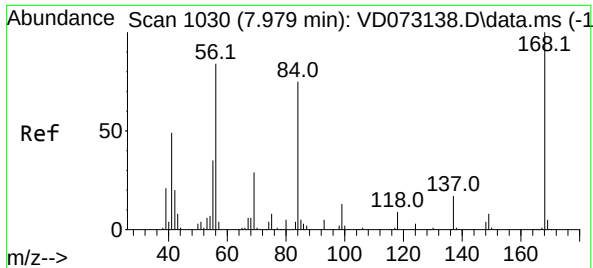
Tgt Ion:168 Resp: 314616
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Tgt Ion: 94 Resp: 1595
Ion Ratio Lower Upper
94 100
96 81.8 77.6 116.4

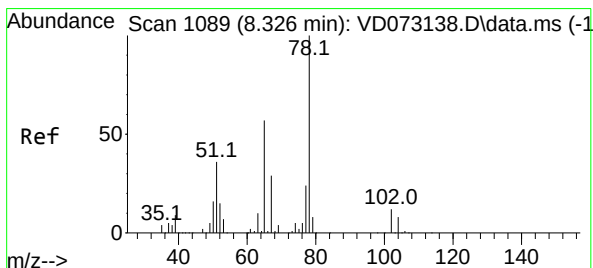
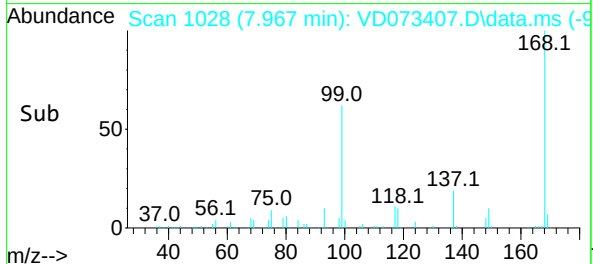
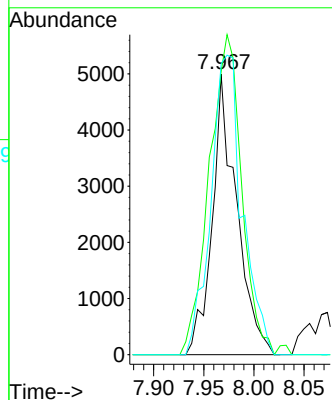
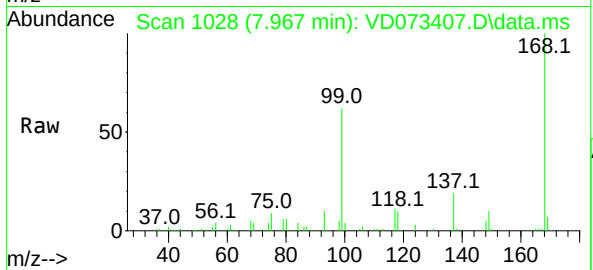




#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

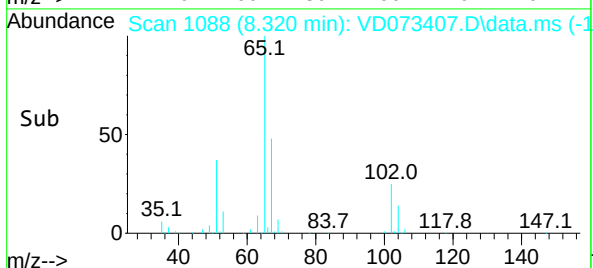
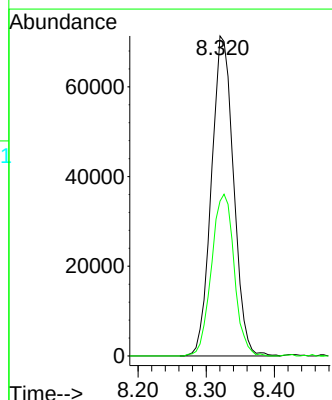
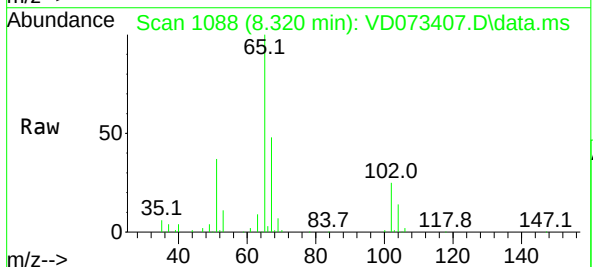
Instrument :
MSVOA_D
ClientSampleId :

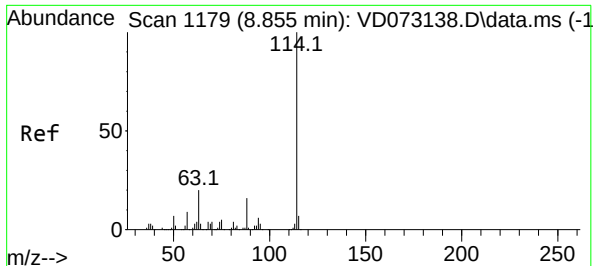
Tgt Ion: 56 Resp: 8466
Ion Ratio Lower Upper
56 100
69 100.9 25.4 38.2#
84 103.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.390 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Tgt Ion: 65 Resp: 161295
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073407.D

Acq: 27 May 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

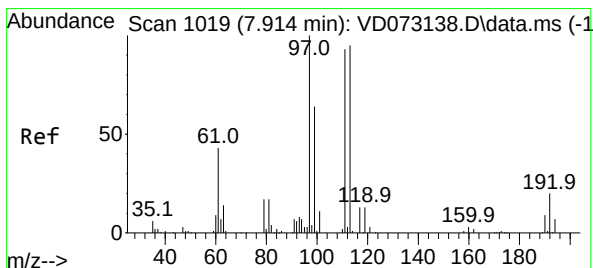
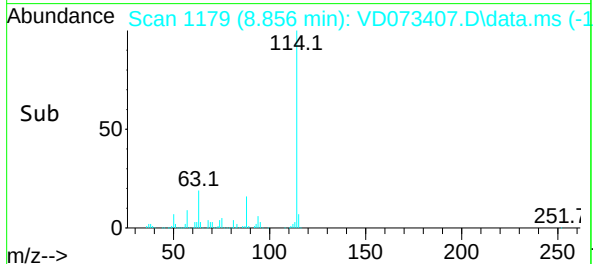
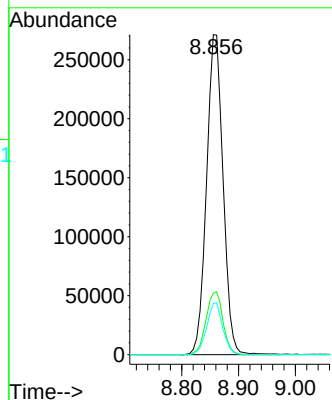
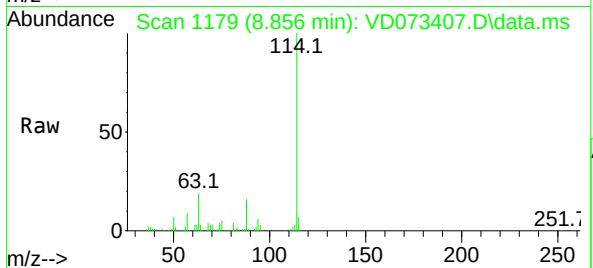
Tgt Ion:114 Resp: 547091

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.059 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073407.D

Acq: 27 May 2022 13:16

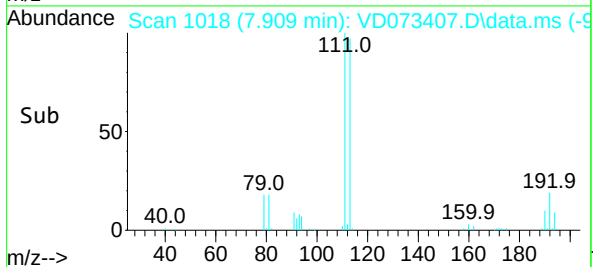
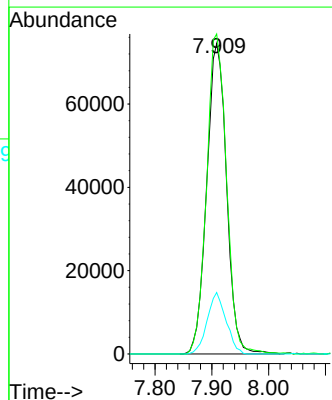
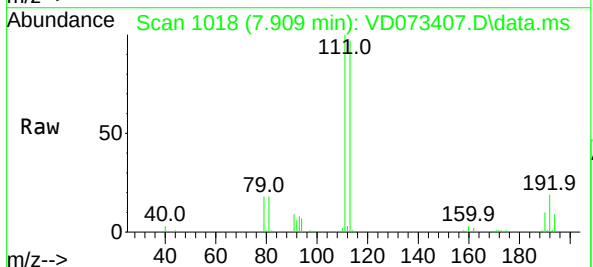
Tgt Ion:113 Resp: 180716

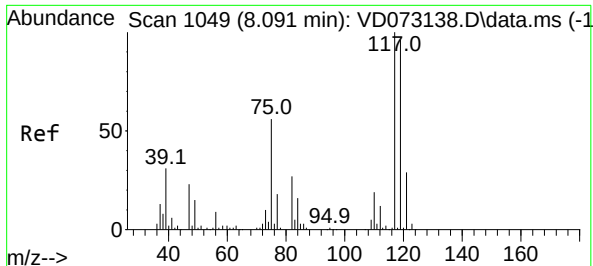
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

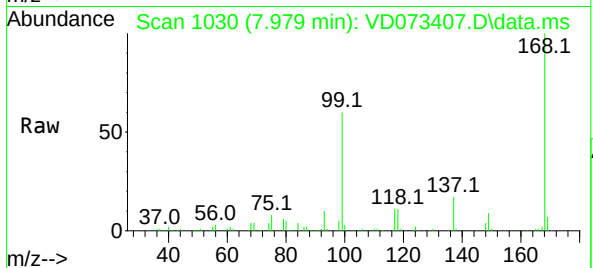
192 18.8 14.6 21.8



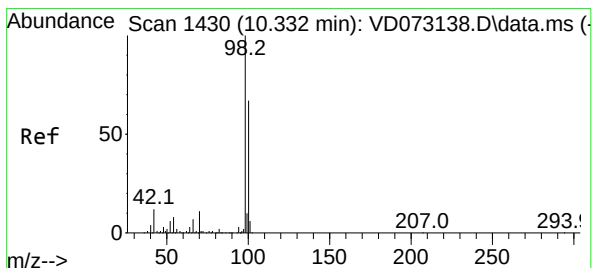
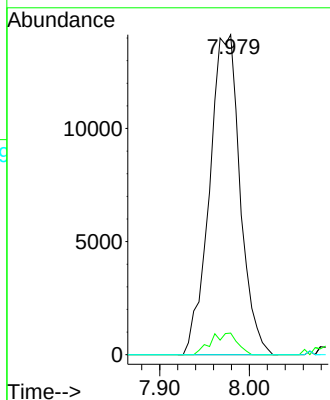
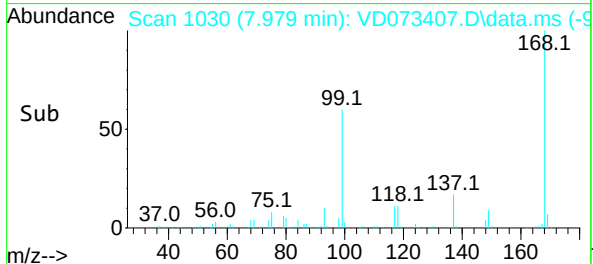


#38
Carbon Tetrachloride
Concen: 6.069 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

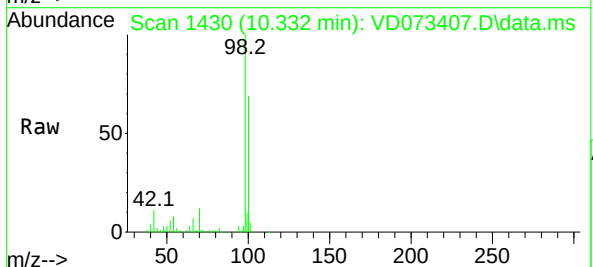
Instrument :
MSVOA_D
ClientSampleId :



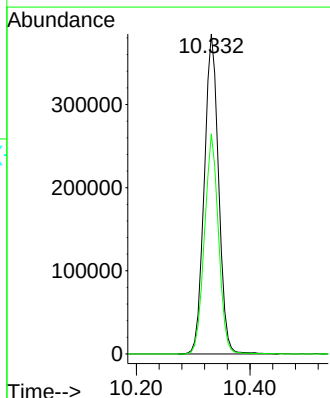
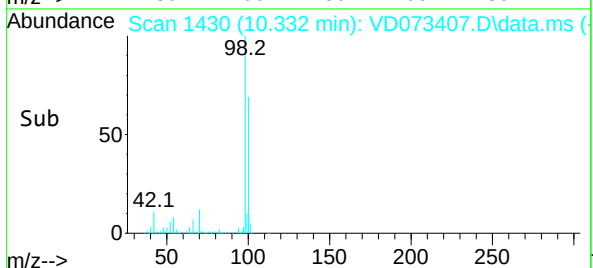
Tgt Ion:117 Resp: 33403
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.5 36.7#

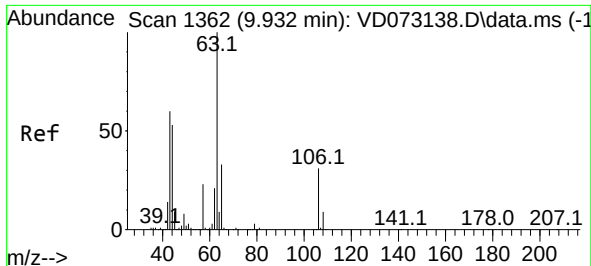


#50
Toluene-d8
Concen: 50.484 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16



Tgt Ion: 98 Resp: 671817
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6





#58

2-Chloroethyl Vinyl ether

Concen: 21.653 ug/l

RT: 9.932 min Scan# 11

Delta R.T. -0.000 min

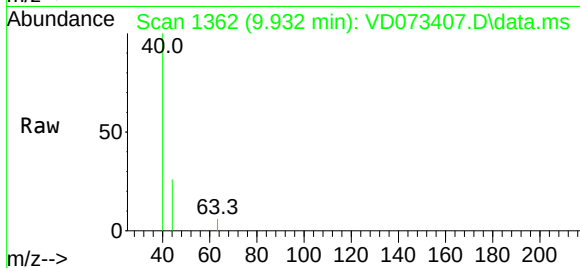
Lab File: VD073407.D

Acq: 27 May 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

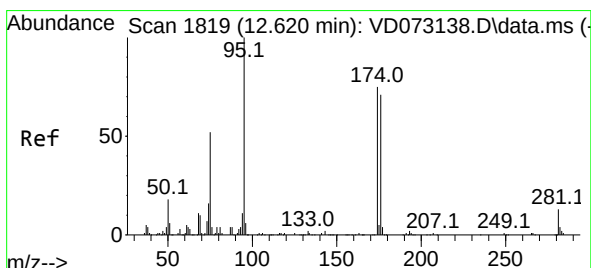
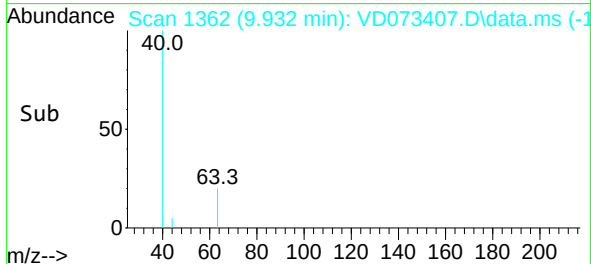
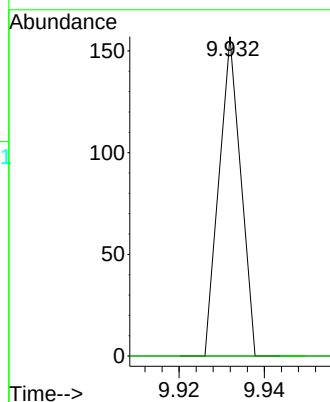


Tgt Ion: 63 Resp: 55

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#62

4-Bromofluorobenzene

Concen: 51.379 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073407.D

Acq: 27 May 2022 13:16

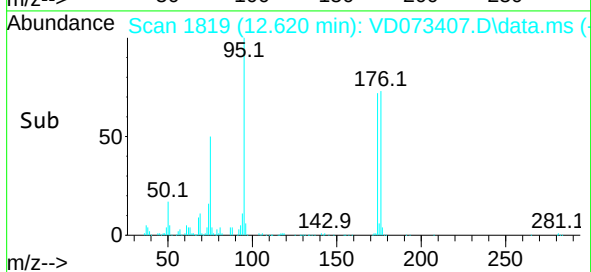
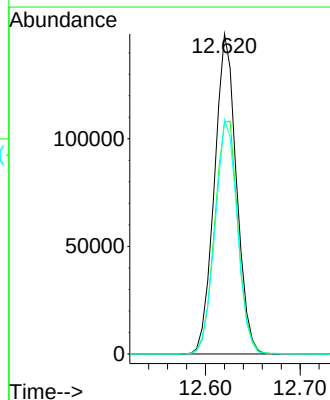
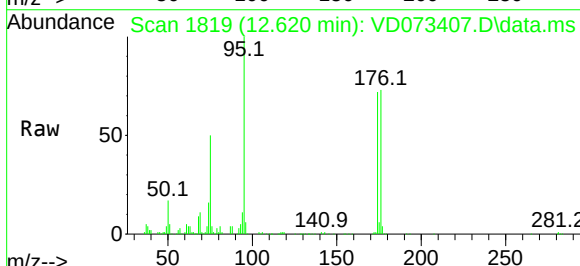
Tgt Ion: 95 Resp: 239948

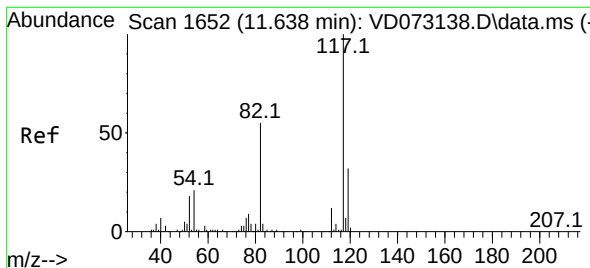
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.8

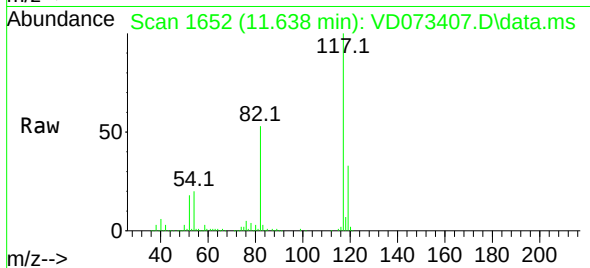
176 74.2 0.0 145.4



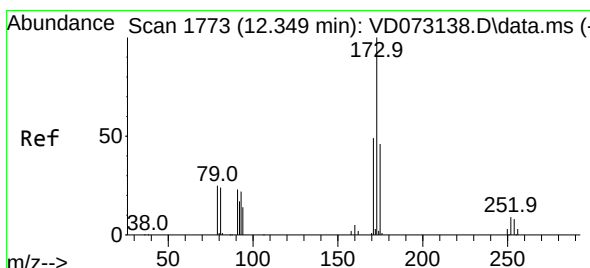
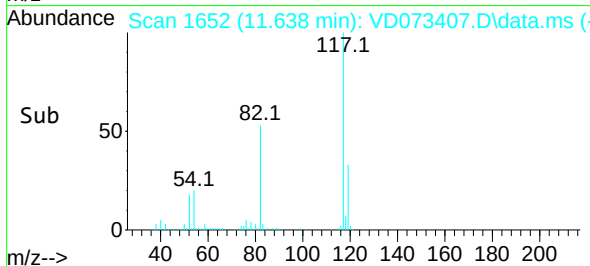
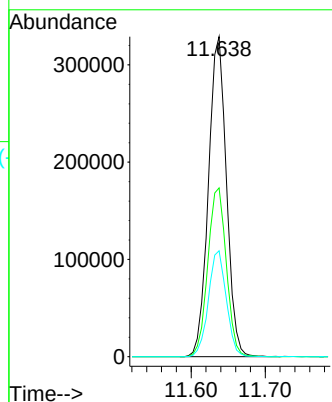


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :

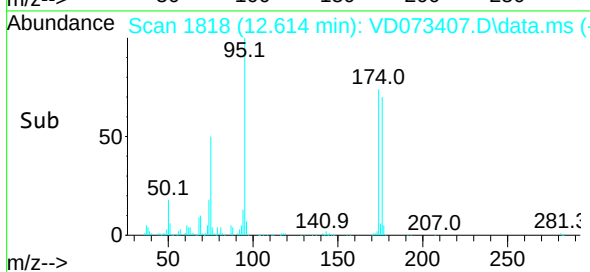
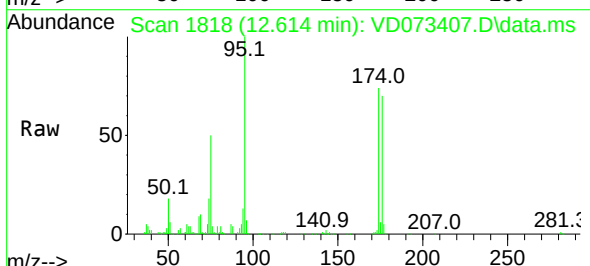
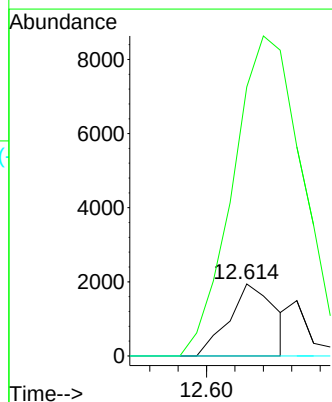


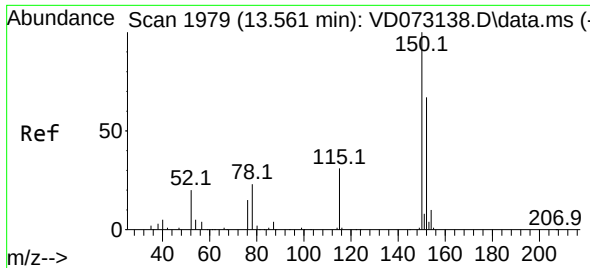
Tgt Ion:117 Resp: 554947
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 33.1 26.6 40.0



#71
Bromoform
Concen: 1.011 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.265 min
Lab File: VD073407.D
Acq: 27 May 2022 13:16

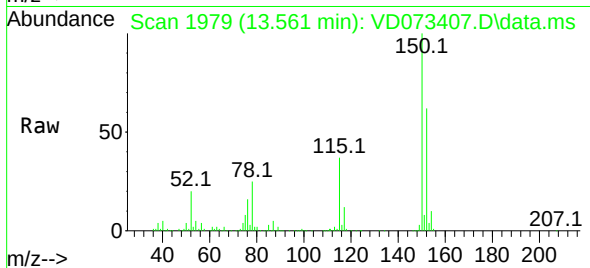
Tgt Ion:173 Resp: 2197
Ion Ratio Lower Upper
173 100
175 496.7 23.9 71.8#
254 0.0 0.0 0.0



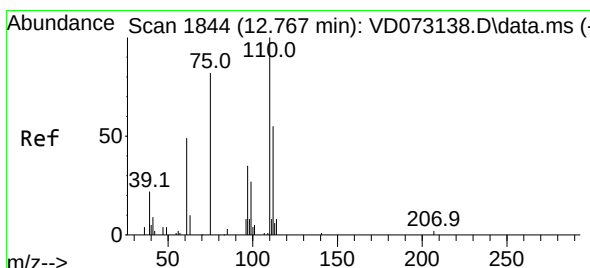
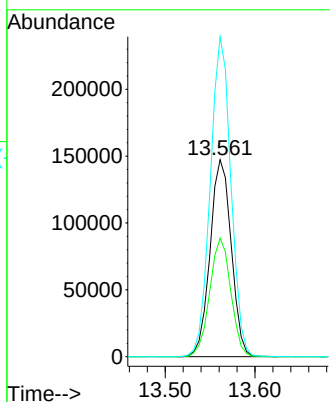
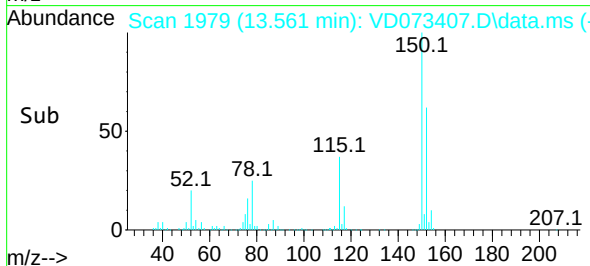


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073407.D
 Acq: 27 May 2022 13:16

Instrument :
 MSVOA_D
 ClientSampleId :

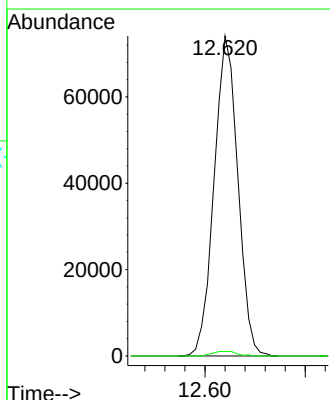
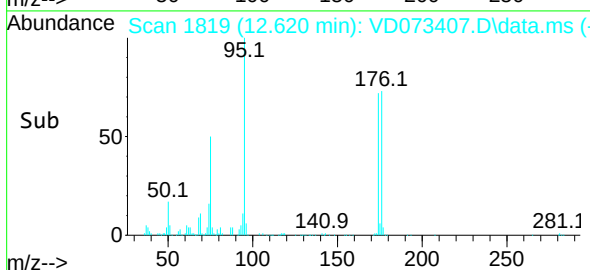
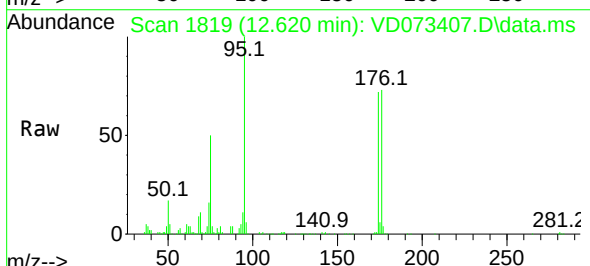


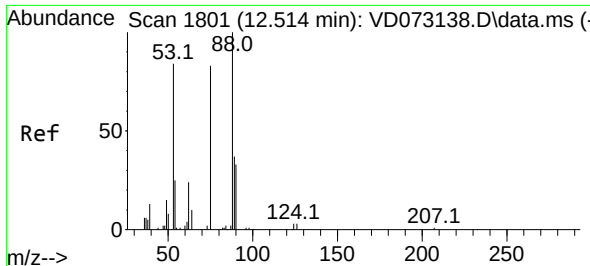
Tgt Ion:152 Resp: 241603
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.3 93.8
 150 157.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.290 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073407.D
 Acq: 27 May 2022 13:16

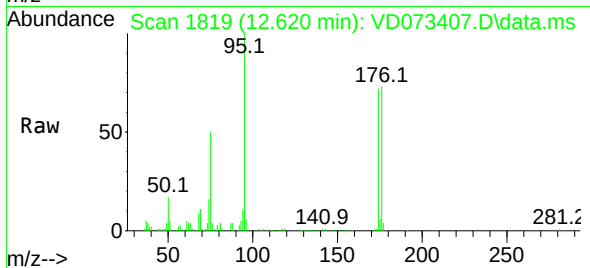
Tgt Ion: 75 Resp: 121586
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



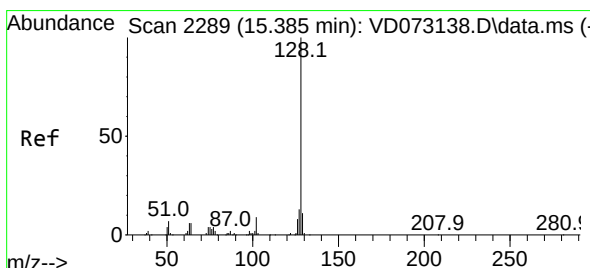
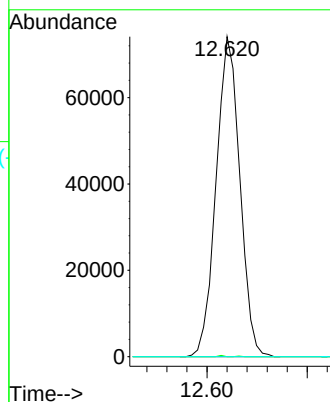
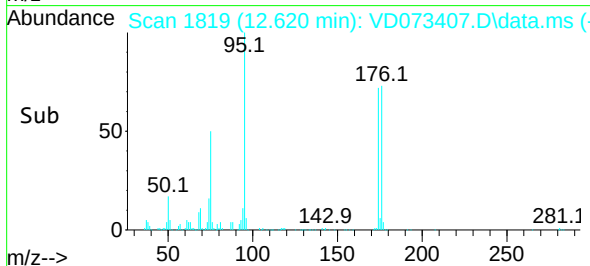


#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.132 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073407.D
 Acq: 27 May 2022 13:16

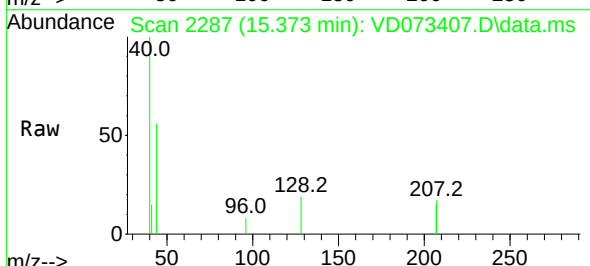
Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 121586
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 3.627 ug/l
 RT: 15.373 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: VD073407.D
 Acq: 27 May 2022 13:16



Tgt Ion: 128 Resp: 728
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

