

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072805.D
 Acq On : 05 May 2022 12:52
 Operator : VA/SY
 Sample : N2677-06
 Misc : 8.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,13

Quant Time: May 06 03:48:09 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)

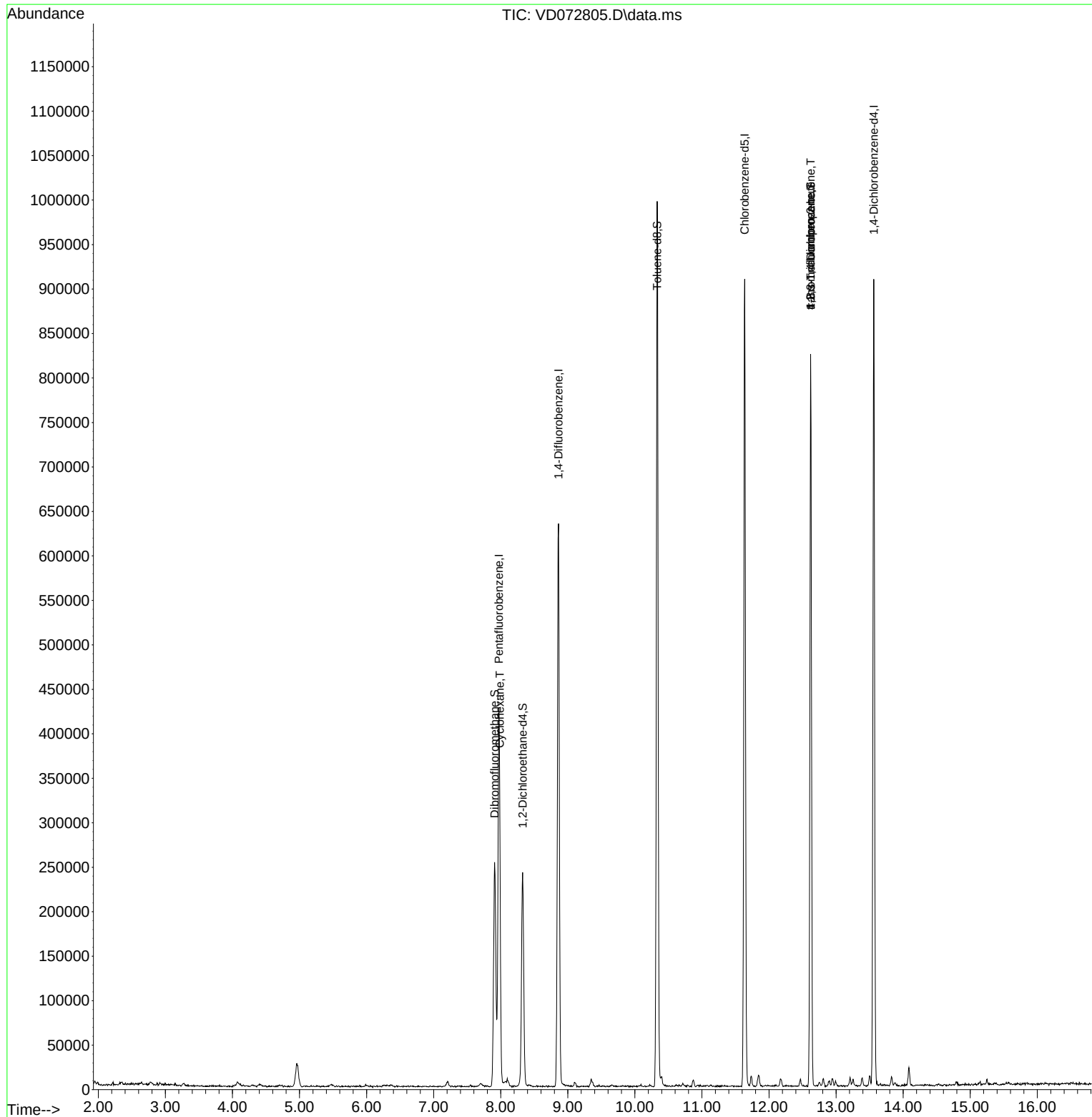
Internal Standards						
1) Pentafluorobenzene	7.973	168	297873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187876	48.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.909	113	180372	48.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.332	98	652477	48.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.620	95	238809	48.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%
Target Compounds						
5) Bromomethane	2.774	94	2213	Below Cal	Qvalue	95
13) Acrolein	3.921	56	54	Below Cal	#	12
16) Acetone	4.156	43	2476	Below Cal	#	47
18) Methyl Acetate	4.750	43	63	Below Cal	#	55
20) Methylene Chloride	4.962	84	19600	Below Cal	#	90
31) Cyclohexane	7.985	56	9828	1.454	ug/l #	49
76) 1,2,3-Trichloropropane	12.620	75	124260	47.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	124260	108.580	ug/l #	7

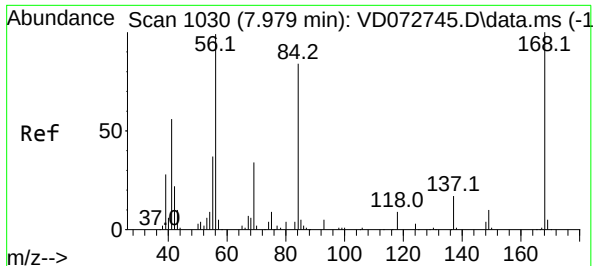
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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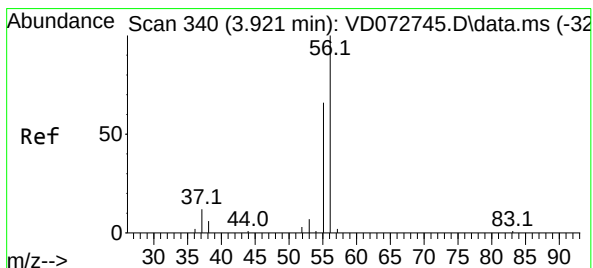
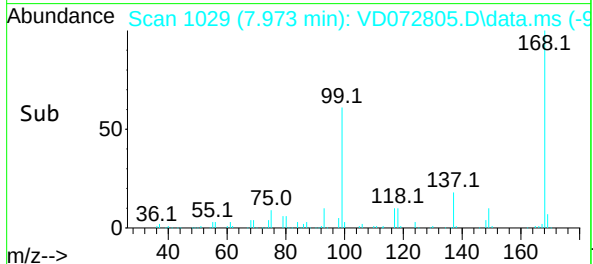
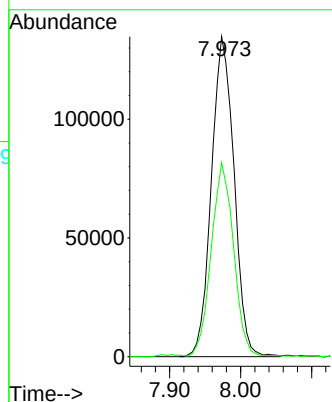
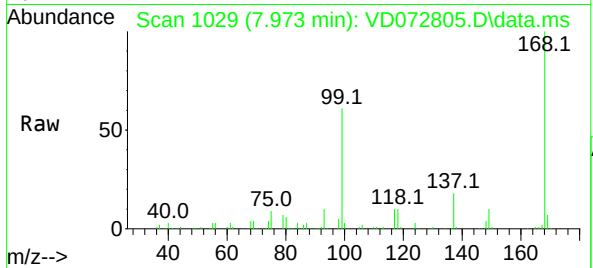




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

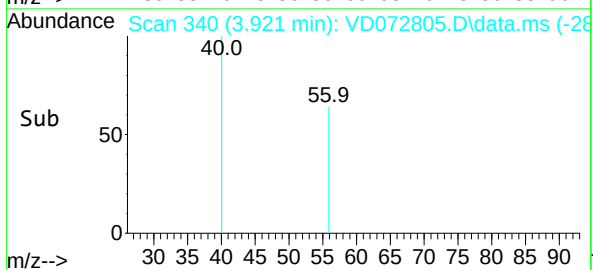
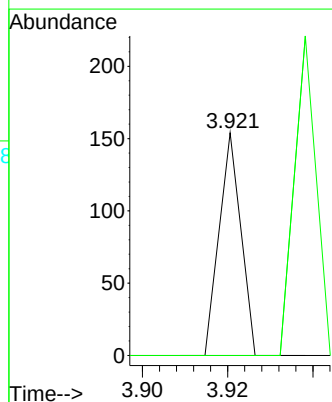
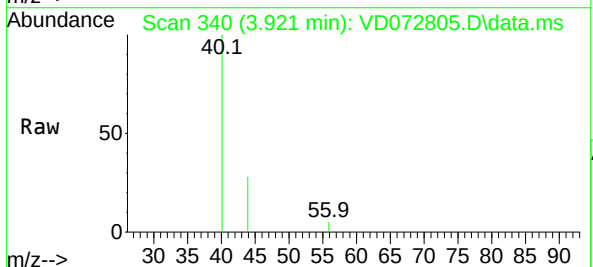
Instrument :
MSVOA_D
ClientSampleId :
SB-2,13

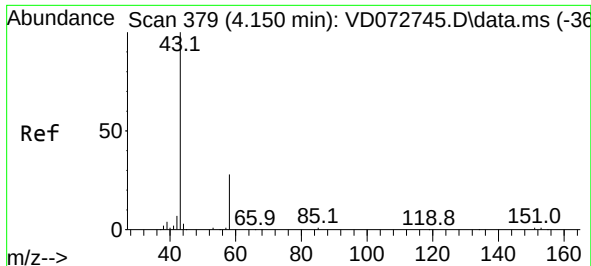
Tgt Ion:168 Resp: 297873
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#13
Acrolein
Concen: Below Cal
RT: 3.921 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 144.4 57.1 85.7#

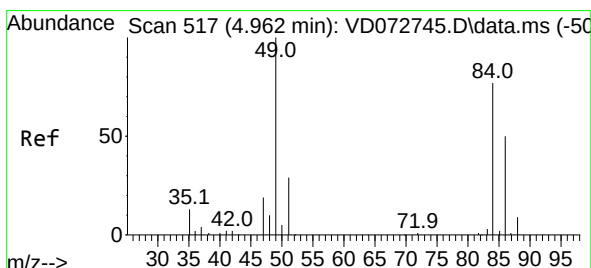
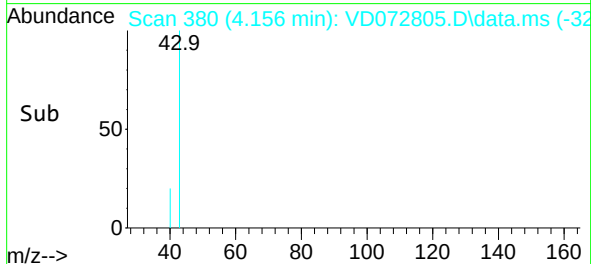
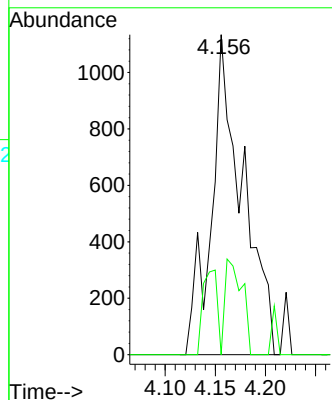
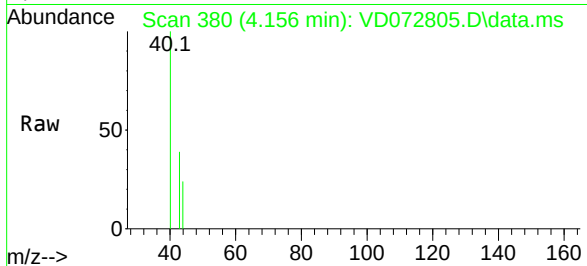




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 379
Delta R.T. 0.006 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

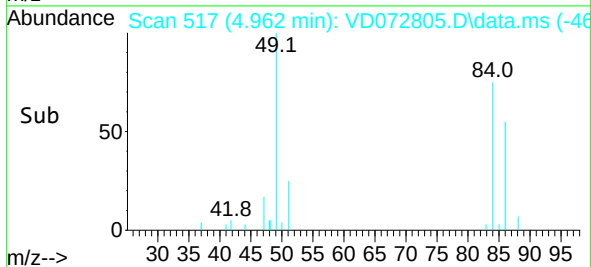
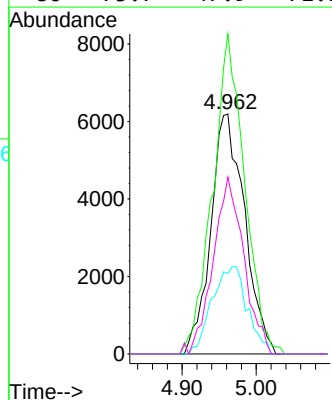
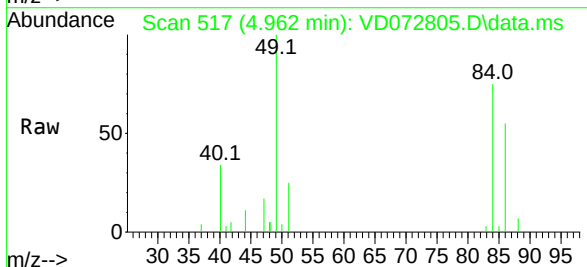
Instrument :
MSVOA_D
ClientSampleId :
SB-2,13

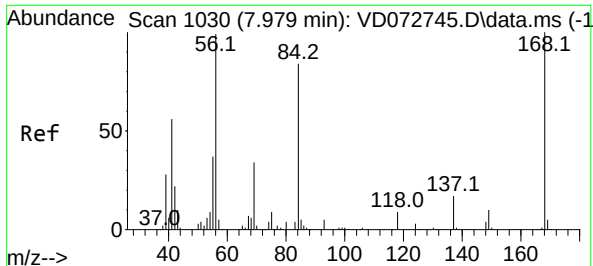
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion: 84 Resp: 19600
Ion Ratio Lower Upper
84 100
49 133.3 112.8 169.2
51 33.6 32.6 48.8
86 73.7 47.9 71.9#





#31

Cyclohexane

Concen: 1.454 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

SB-2,13

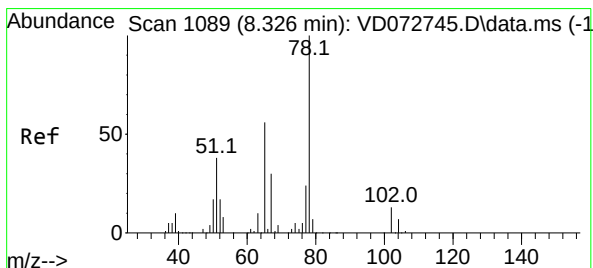
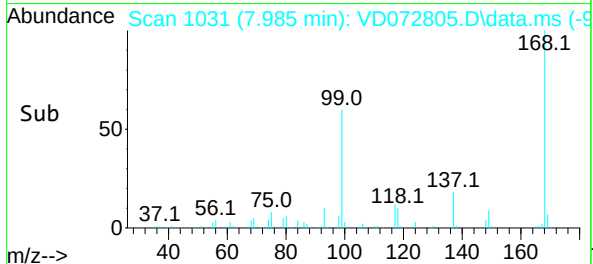
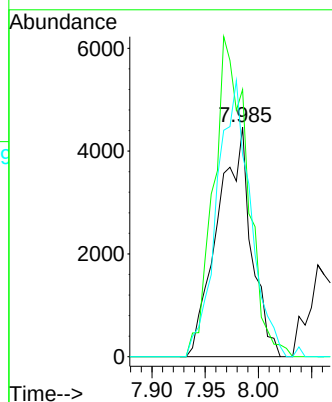
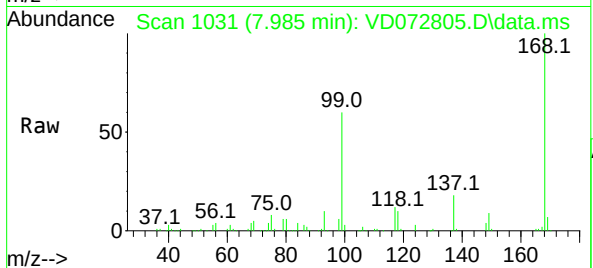
Tgt Ion: 56 Resp: 9828

Ion Ratio Lower Upper

56 100

69 116.3 25.4 38.2#

84 87.8 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 48.589 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072805.D

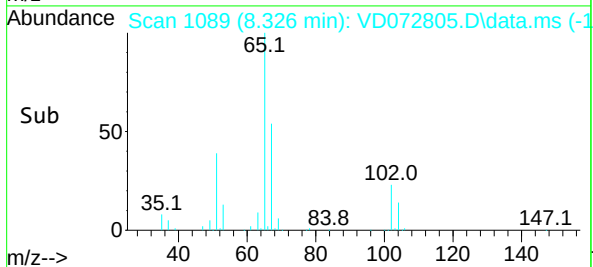
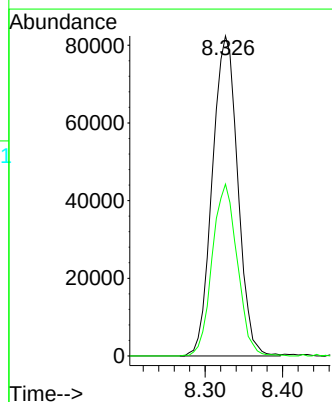
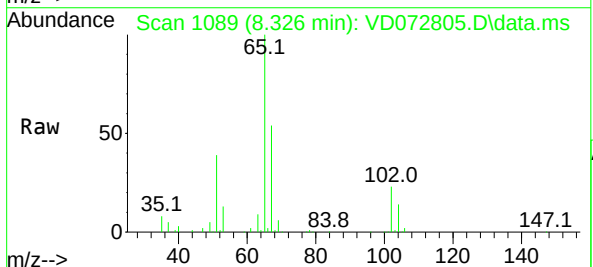
Acq: 05 May 2022 12:52

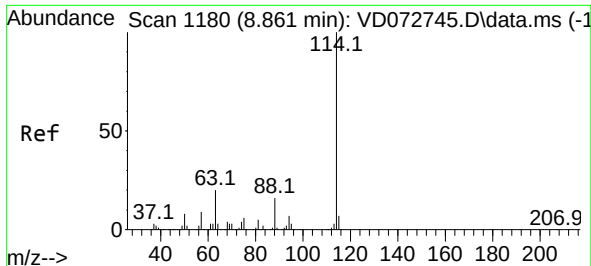
Tgt Ion: 65 Resp: 187876

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072805.D

Acq: 05 May 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

SB-2,13

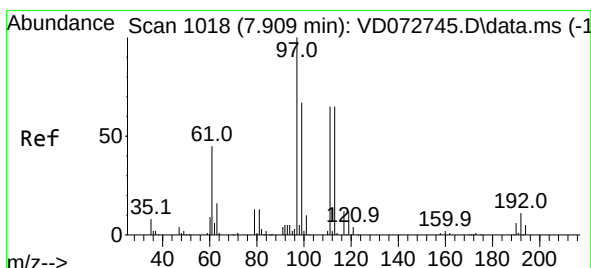
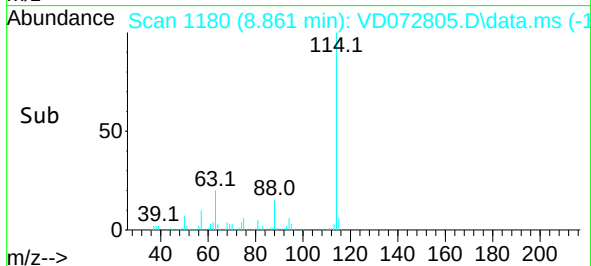
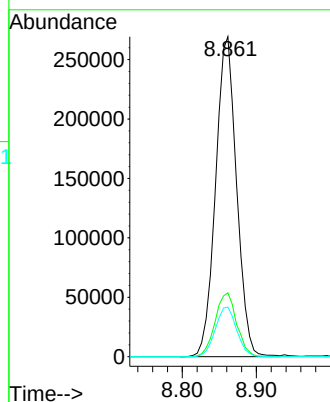
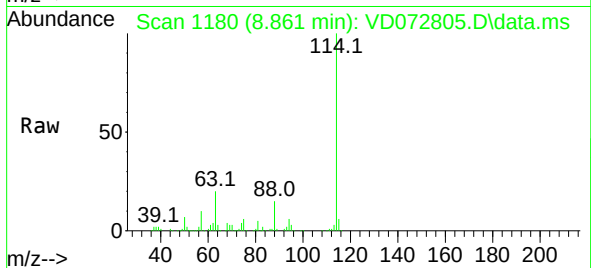
Tgt Ion:114 Resp: 529119

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.539 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

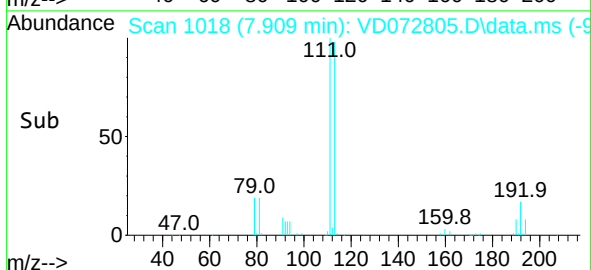
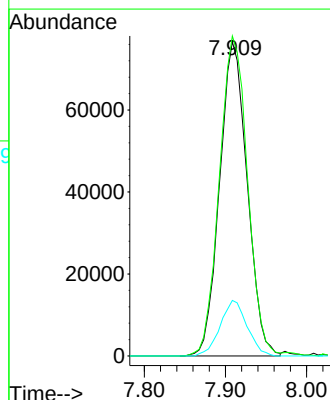
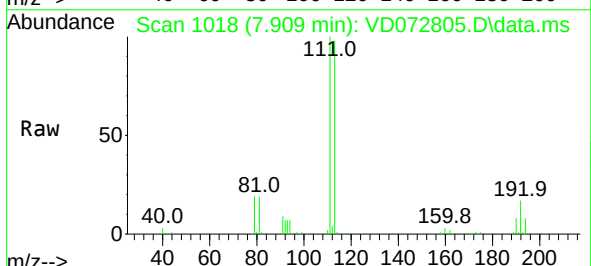
Tgt Ion:113 Resp: 180372

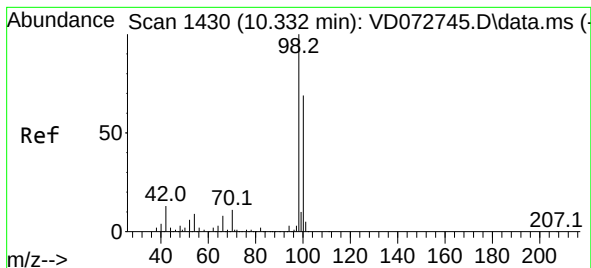
Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 17.3 14.6 21.8





#50

Toluene-d8

Concen: 48.948 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

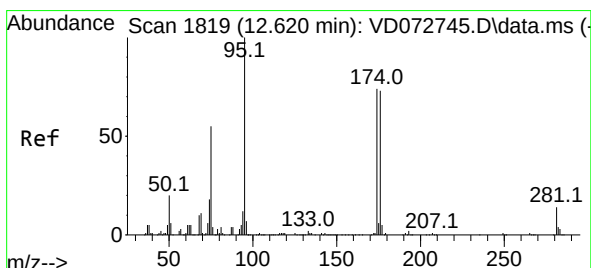
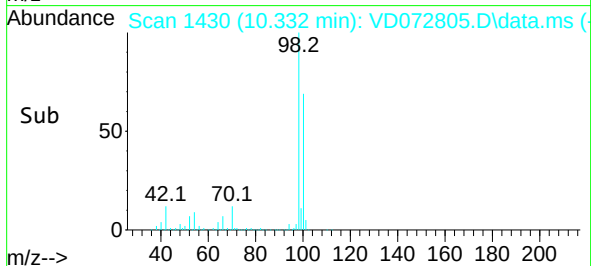
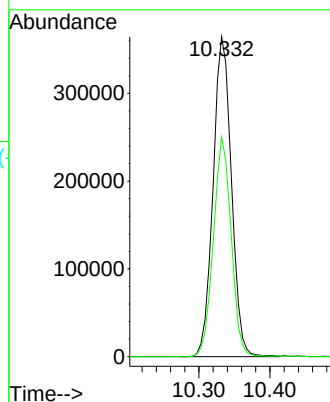
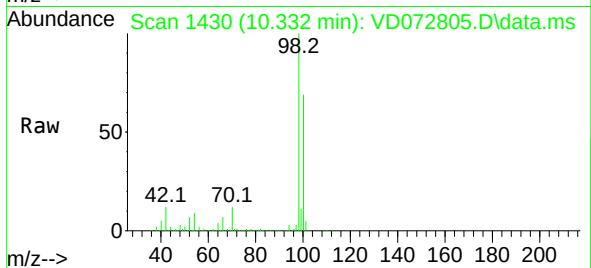
SB-2,13

Tgt Ion: 98 Resp: 652477

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.047 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD072805.D

Acq: 05 May 2022 12:52

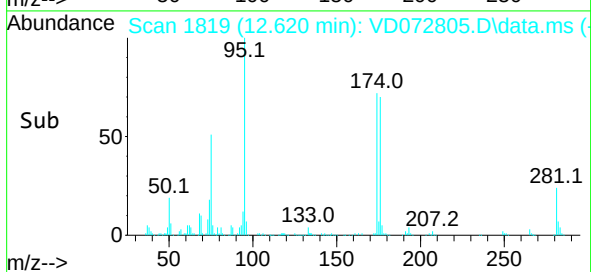
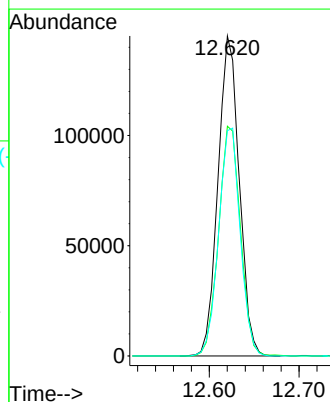
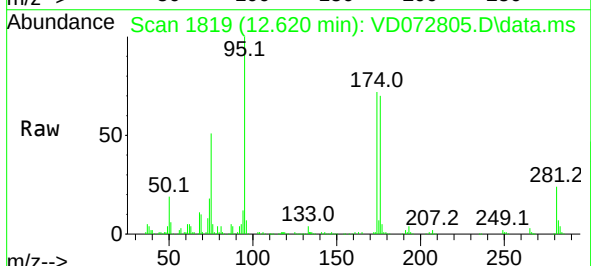
Tgt Ion: 95 Resp: 238809

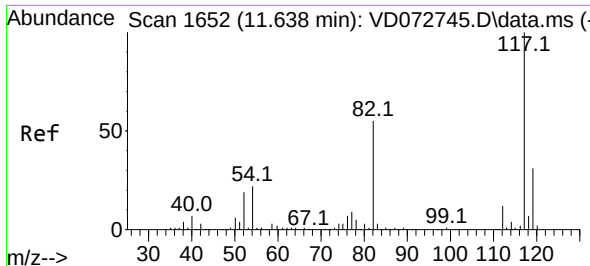
Ion Ratio Lower Upper

95 100

174 73.6 0.0 152.8

176 72.1 0.0 145.4

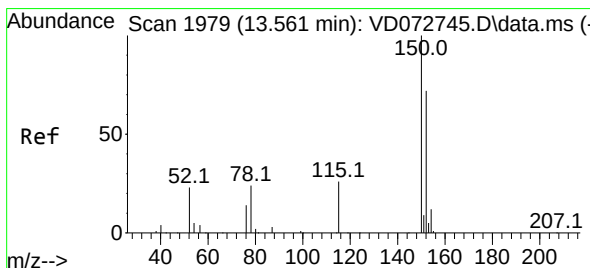
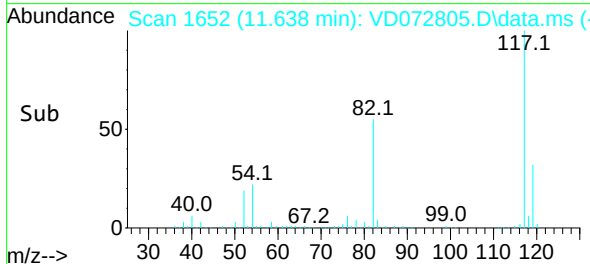
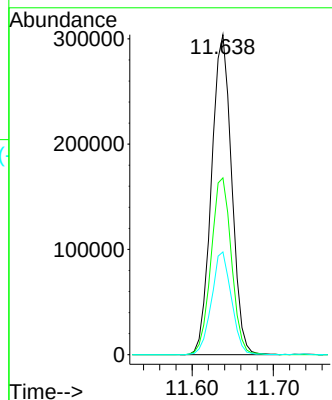
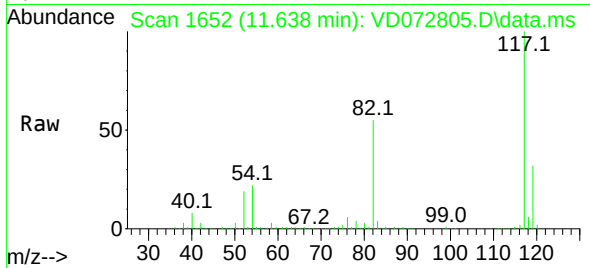




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

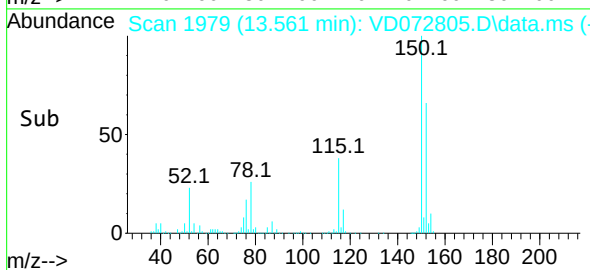
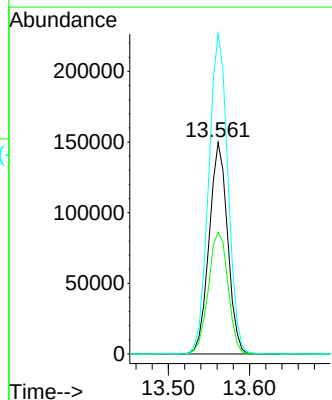
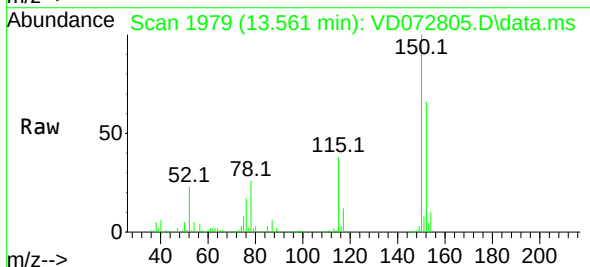
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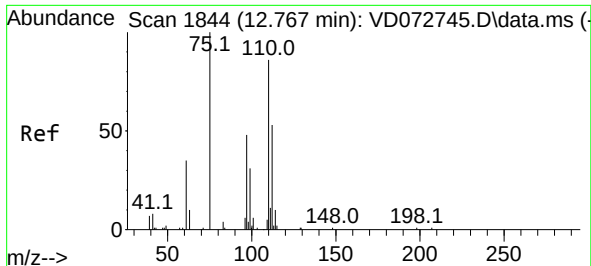
Tgt Ion:117 Resp: 524340
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion:152 Resp: 236011
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 157.7 0.0 348.6

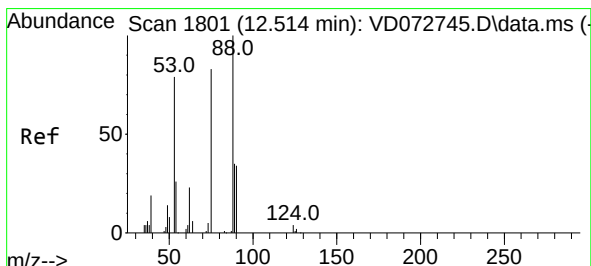
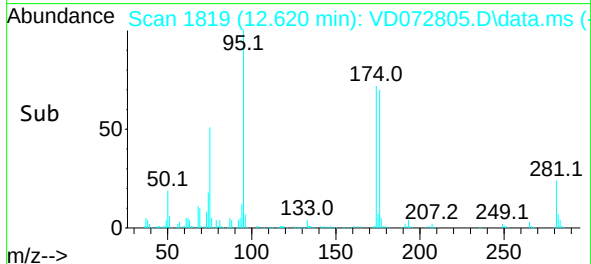
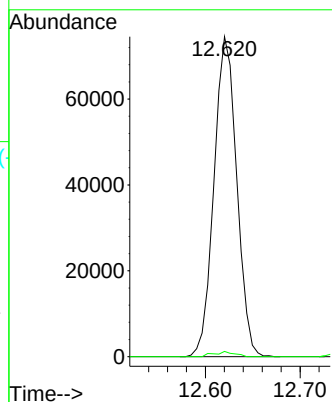
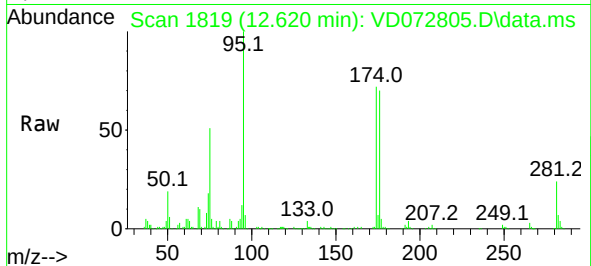




#76
1,2,3-Trichloropropane
Concen: 47.217 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
SB-2,13

Tgt Ion: 75 Resp: 124260
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.580 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072805.D
Acq: 05 May 2022 12:52

Tgt Ion: 75 Resp: 124260
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.6 33.9 50.9#

