

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072806.D
 Acq On : 05 May 2022 13:21
 Operator : VA/SY
 Sample : N2677-05RE
 Misc : 7.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,7

Quant Time: May 06 03:48:22 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)

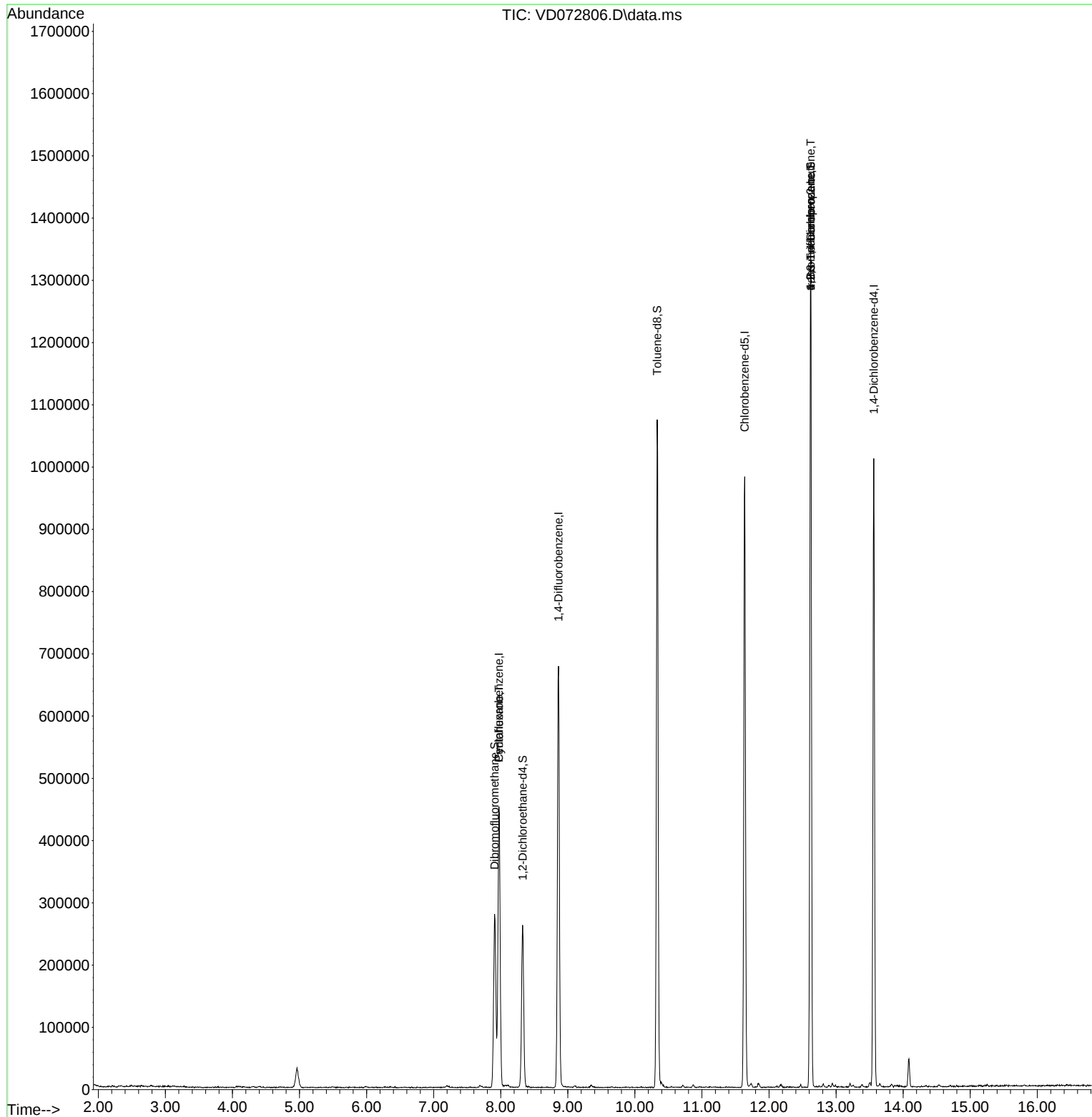
Internal Standards						
1) Pentafluorobenzene	7.973	168	319008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203221	49.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.908	113	198384	48.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.332	98	714113	48.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.620	95	276791	50.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.680%
Target Compounds						
5) Bromomethane	2.785	94	1220	Below Cal	Qvalue	99
13) Acrolein	3.932	56	65	Below Cal	#	14
16) Acetone	4.150	43	1783	Below Cal	#	47
18) Methyl Acetate	4.515	43	103	Below Cal	#	55
20) Methylene Chloride	4.962	84	22455	Below Cal		86
31) Cyclohexane	7.973	56	9475	1.309	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	148076	51.276	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	148076	117.914	ug/l #	8

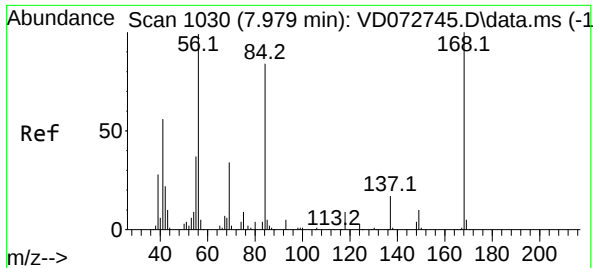
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072806.D
Acq On : 05 May 2022 13:21
Operator : VA/SY
Sample : N2677-05RE
Misc : 7.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

Quant Time: May 06 03:48:22 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

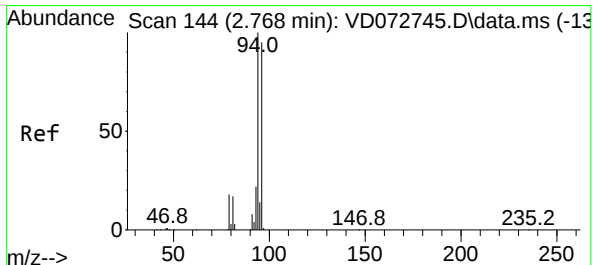
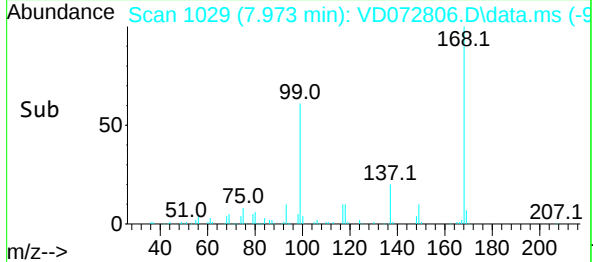
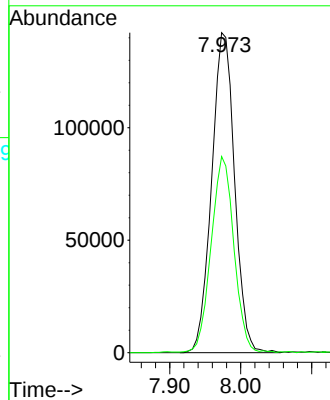
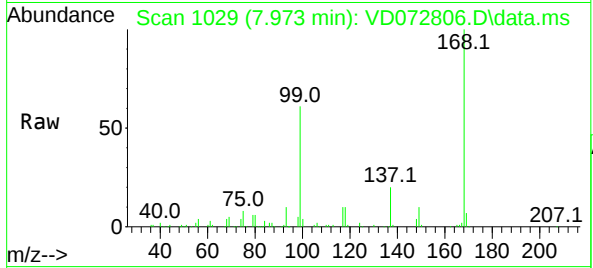




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

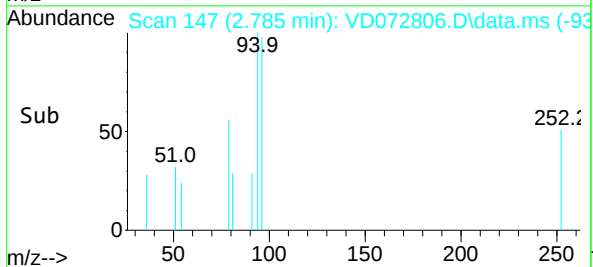
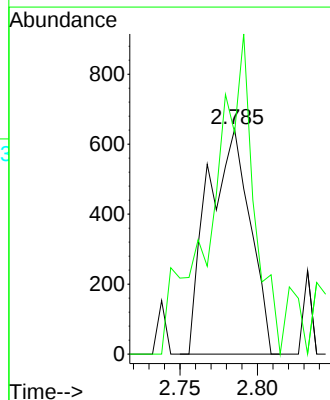
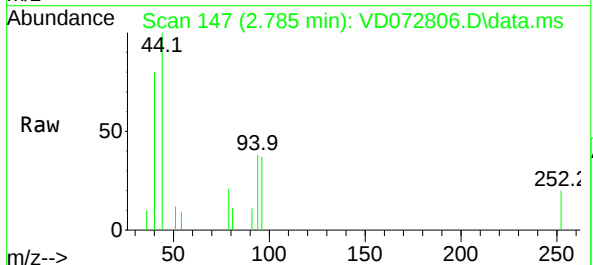
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

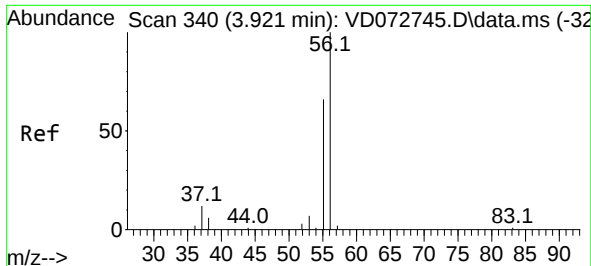
Tgt Ion:168 Resp: 319008
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

Tgt Ion: 94 Resp: 1220
Ion Ratio Lower Upper
94 100
96 98.4 77.6 116.4





#13

Acrolein

Concen: Below Cal

RT: 3.932 min Scan# 34

Delta R.T. 0.011 min

Lab File: VD072806.D

Acq: 05 May 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

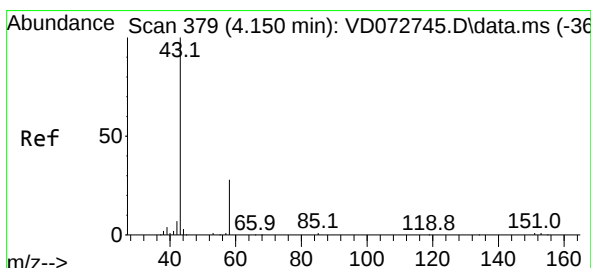
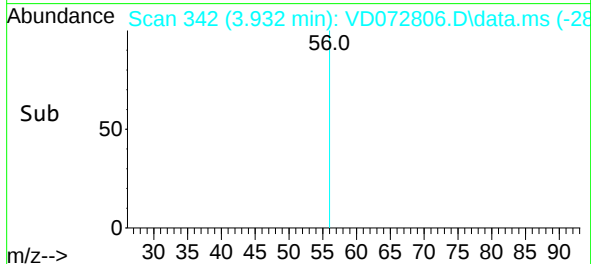
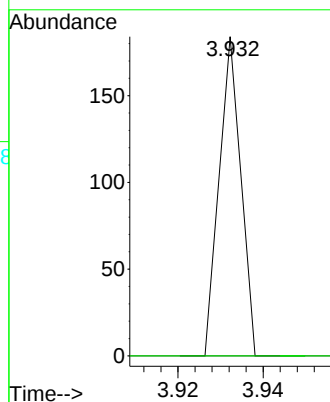
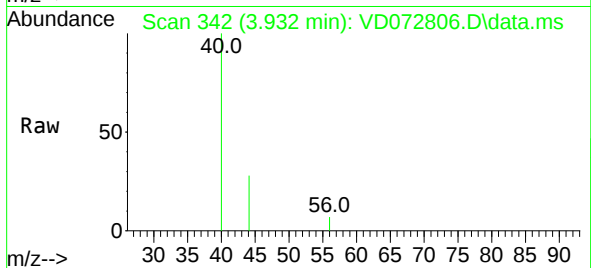
SB-2,7

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: Below Cal

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD072806.D

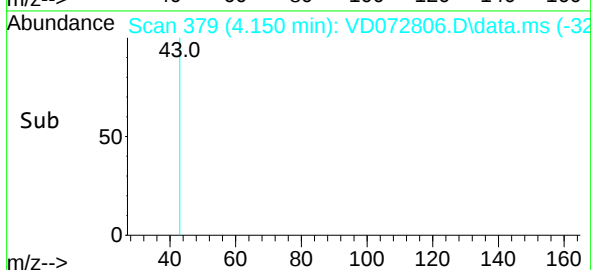
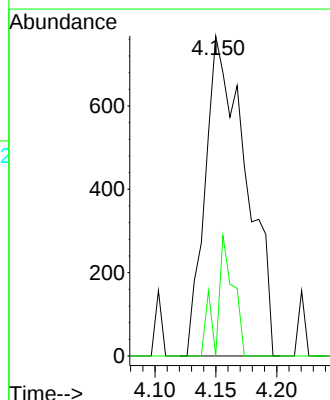
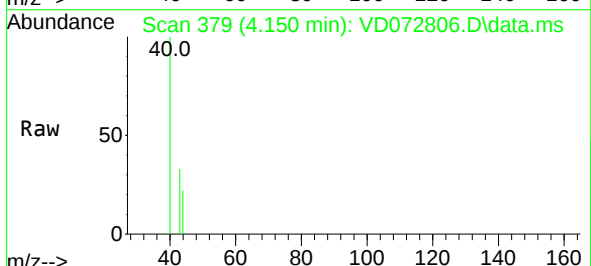
Acq: 05 May 2022 13:21

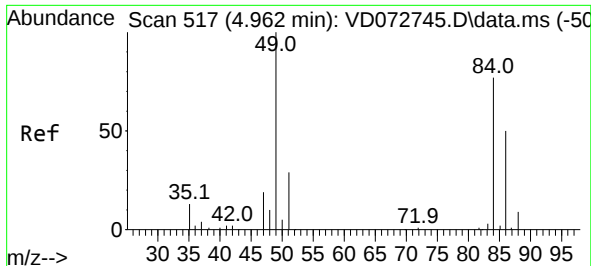
Tgt Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

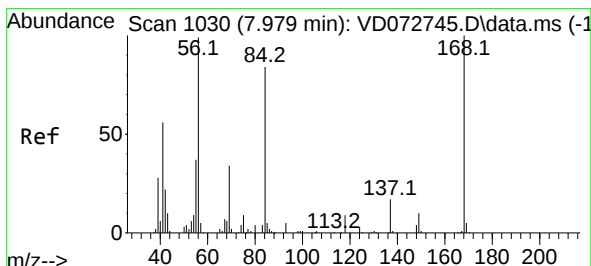
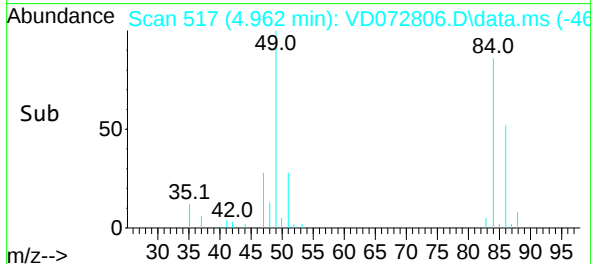
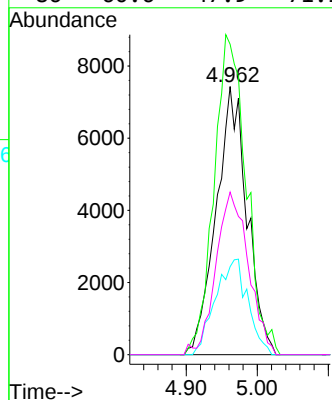
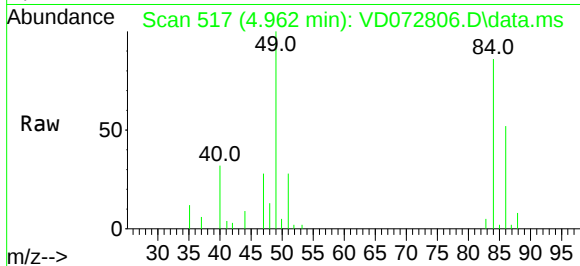




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

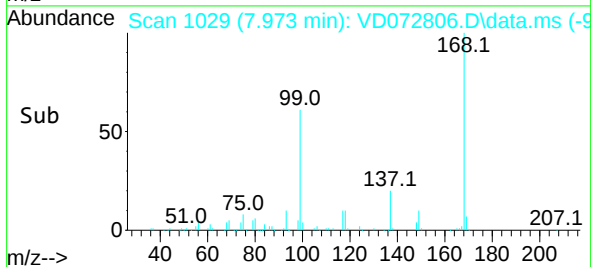
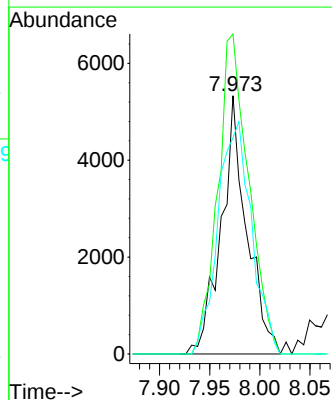
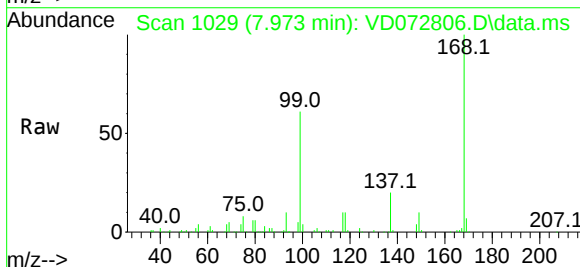
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

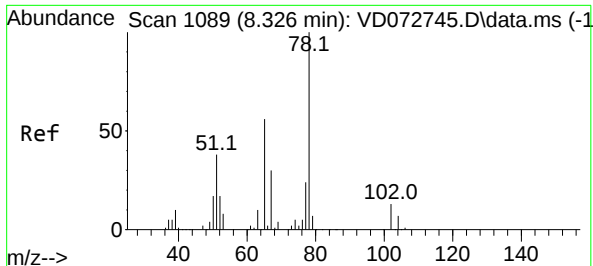
Tgt Ion:	84	Resp:	22455
Ion	Ratio	Lower	Upper
84	100		
49	115.8	112.8	169.2
51	32.8	32.6	48.8
86	60.6	47.9	71.9



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

Tgt Ion:	56	Resp:	9475
Ion	Ratio	Lower	Upper
56	100		
69	123.9	25.4	38.2#
84	83.8	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 49.076 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072806.D

Acq: 05 May 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

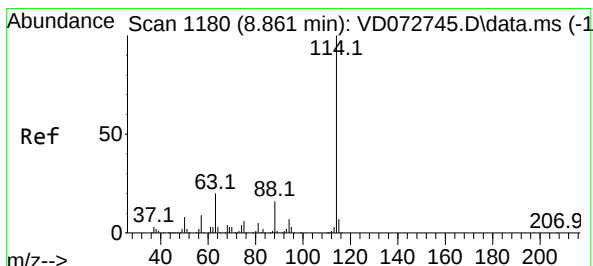
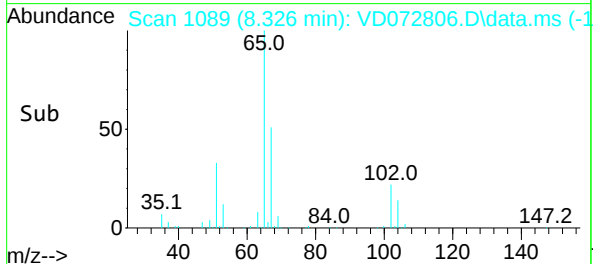
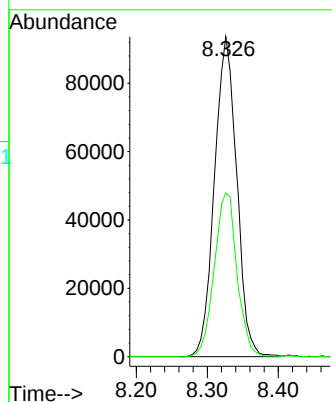
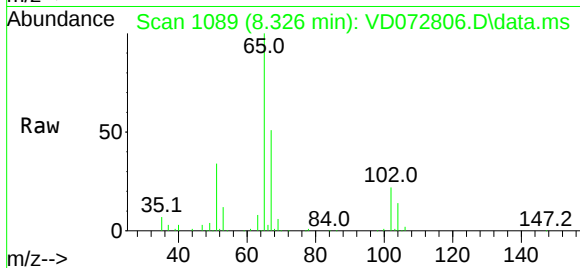
SB-2,7

Tgt Ion: 65 Resp: 203221

Ion Ratio Lower Upper

65 100

67 52.4 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: VD072806.D

Acq: 05 May 2022 13:21

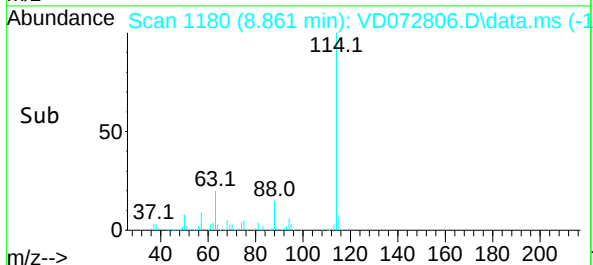
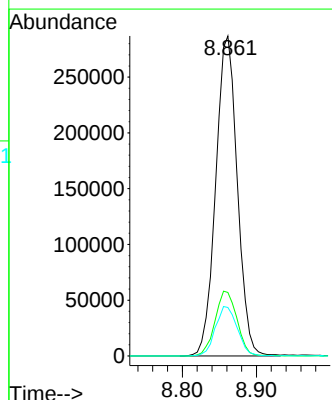
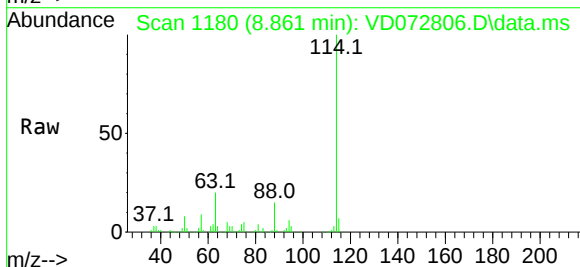
Tgt Ion: 114 Resp: 579601

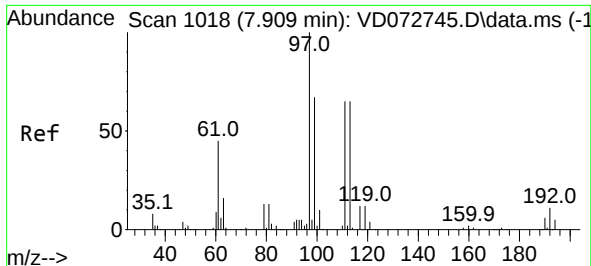
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.736 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072806.D

Acq: 05 May 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

SB-2,7

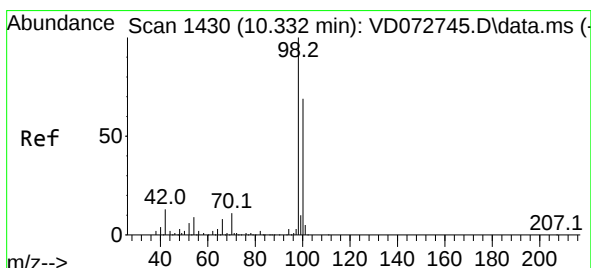
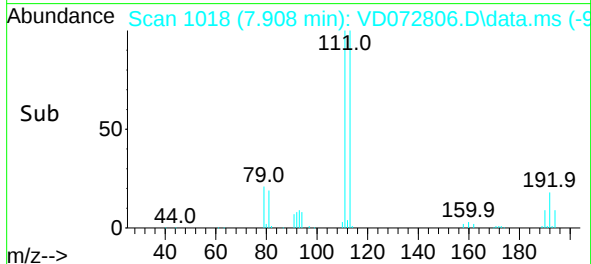
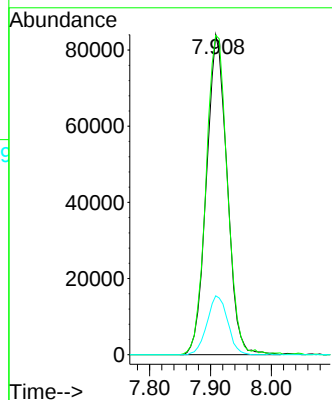
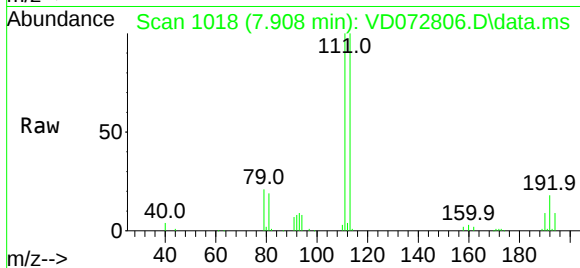
Tgt Ion:113 Resp: 198384

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.3 14.6 21.8



#50

Toluene-d8

Concen: 48.906 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072806.D

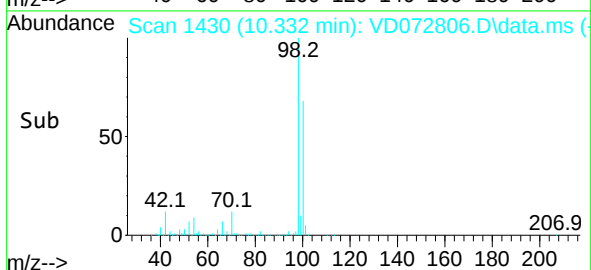
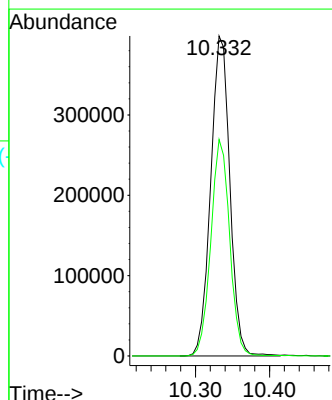
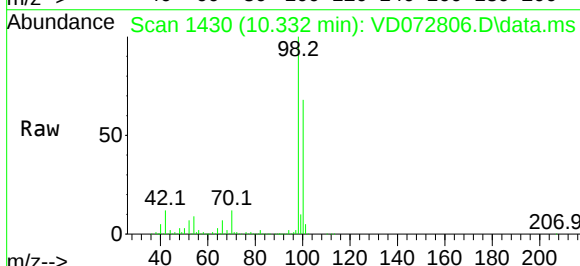
Acq: 05 May 2022 13:21

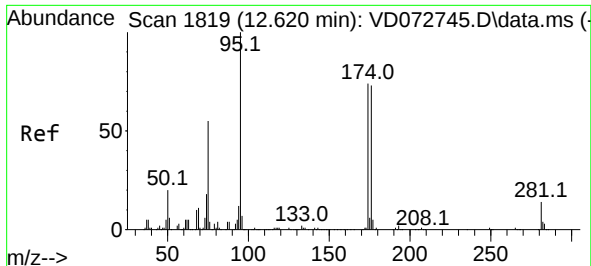
Tgt Ion: 98 Resp: 714113

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

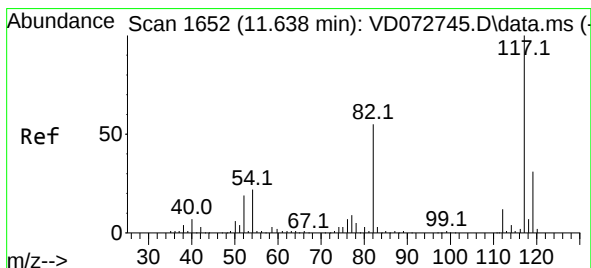
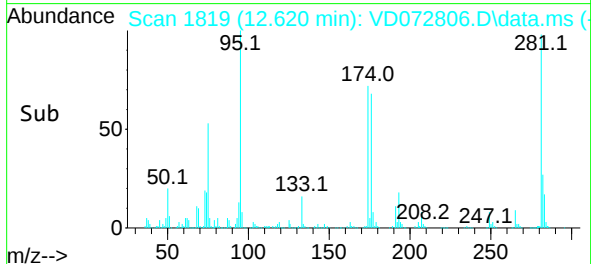
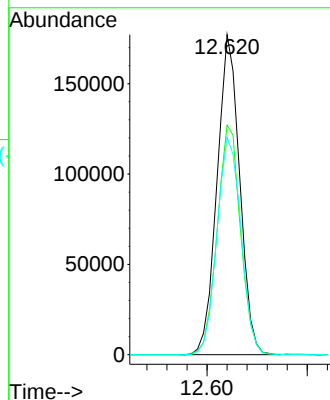
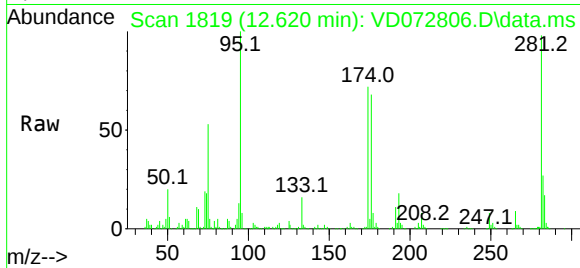




#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

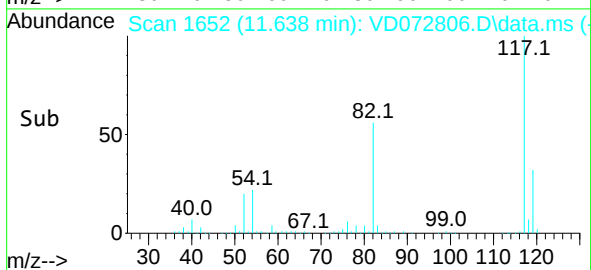
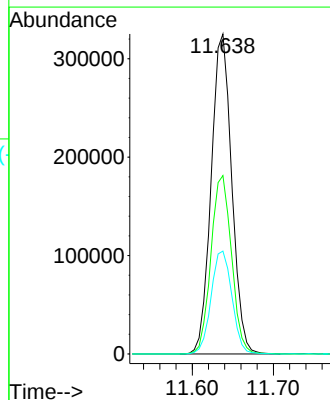
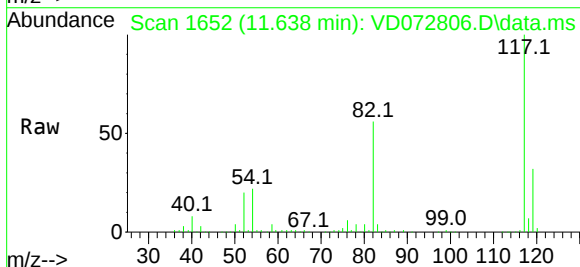
Instrument :
MSVOA_D
ClientSampleId :
SB-2,7

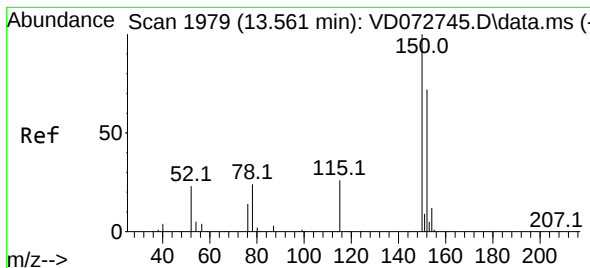
Tgt Ion: 95 Resp: 276791
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072806.D
Acq: 05 May 2022 13:21

Tgt Ion: 117 Resp: 572146
Ion Ratio Lower Upper
117 100
82 55.8 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: VD072806.D

Acq: 05 May 2022 13:21

Instrument :

MSVOA_D

ClientSampleId :

SB-2,7

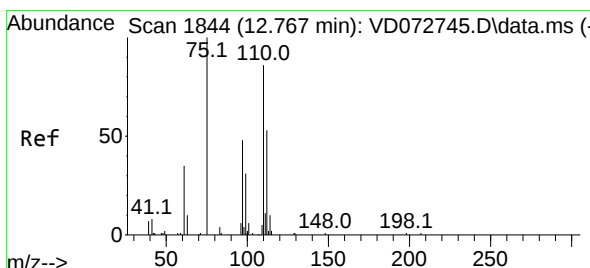
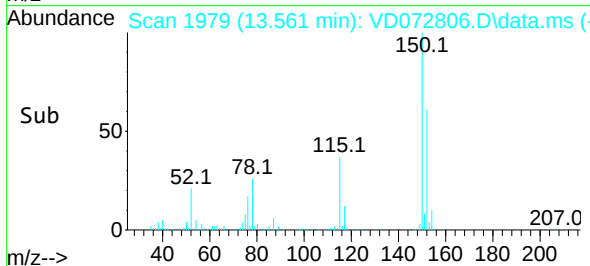
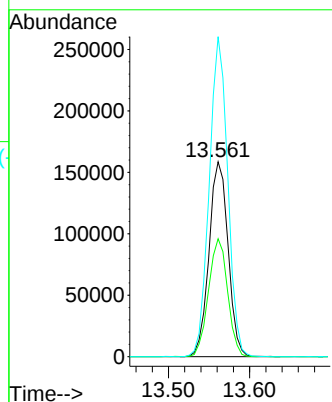
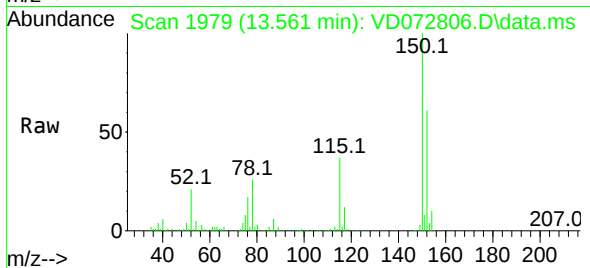
Tgt Ion:152 Resp: 258982

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 158.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 51.276 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD072806.D

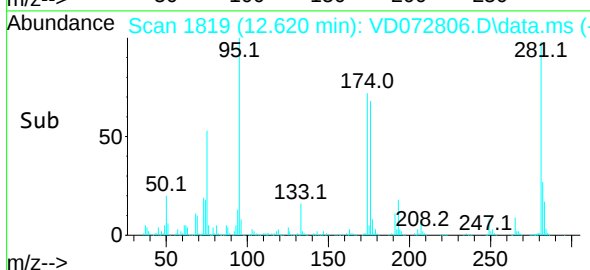
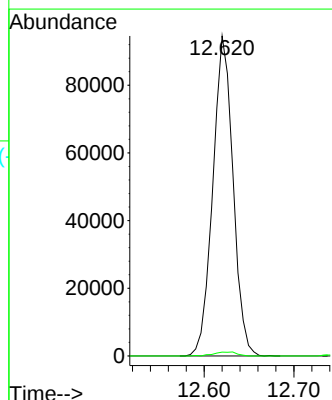
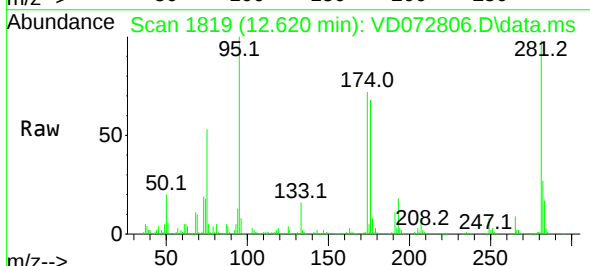
Acq: 05 May 2022 13:21

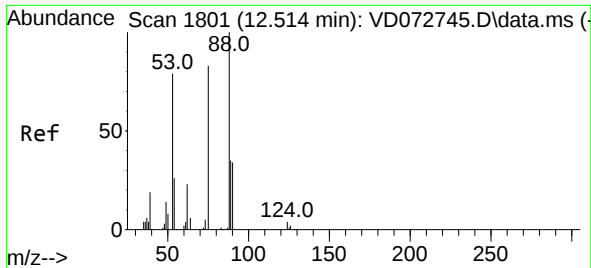
Tgt Ion: 75 Resp: 148076

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.914 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072806.D
 Acq: 05 May 2022 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2,7

Tgt Ion: 75 Resp: 148076
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 2.0 33.9 50.9#

