

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030822.D
 Acq On : 26 Aug 2022 14:16
 Operator : JC/MD
 Sample : N4245-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20220817

Quant Time: Aug 27 02:39:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

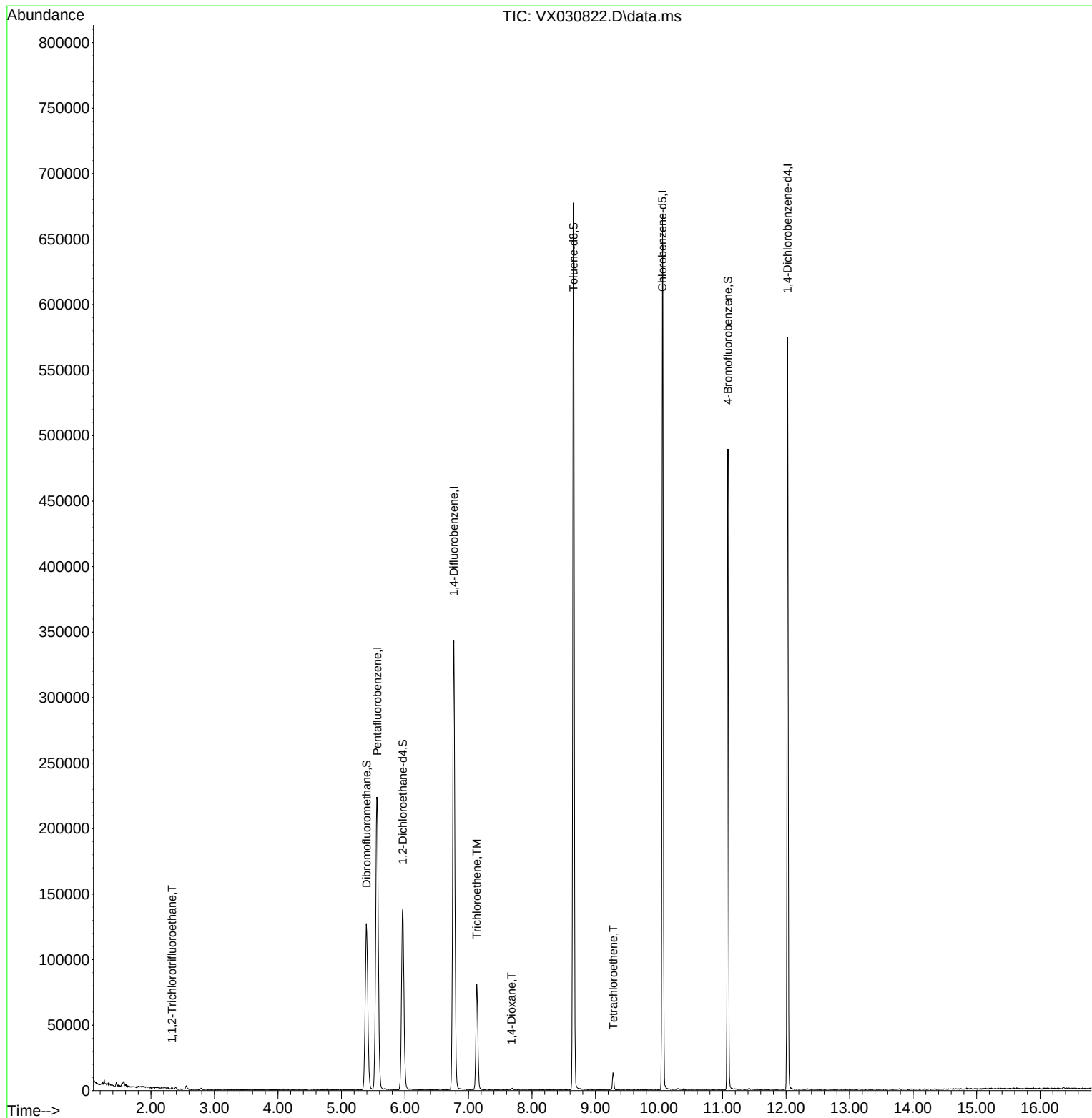
Internal Standards						
1) Pentafluorobenzene	5.562	168	219259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131456	50.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.940%
35) Dibromofluoromethane	5.397	113	110843	50.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.653	98	411675	53.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.220%
62) 4-Bromofluorobenzene	11.085	95	132262	46.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	485	0.227	ug/l #	65
44) Trichloroethene	7.129	130	31518	12.152	ug/l	86
49) 1,4-Dioxane	7.677	88	1013	15.378	ug/l #	71
64) Tetrachloroethene	9.281	164	2674	1.102	ug/l #	71

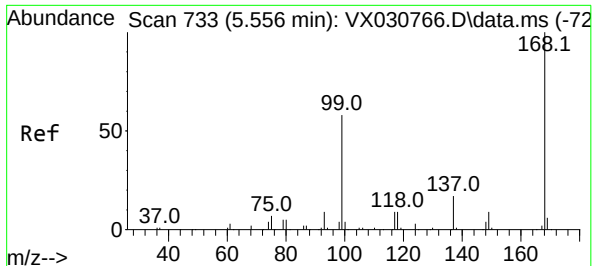
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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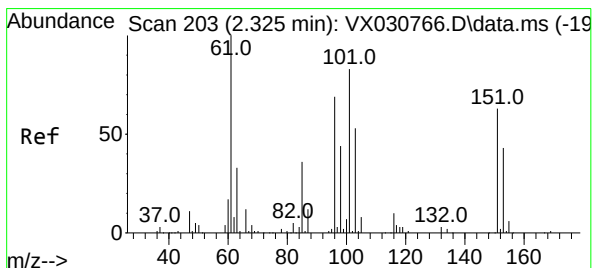
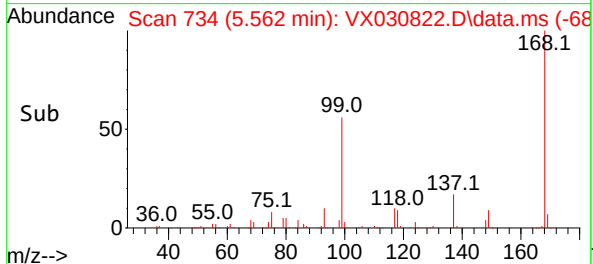
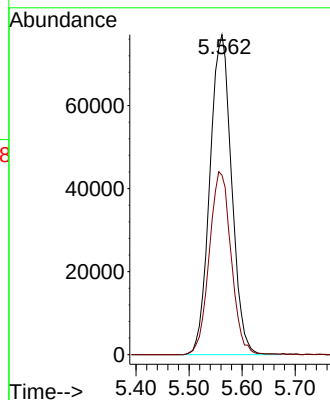
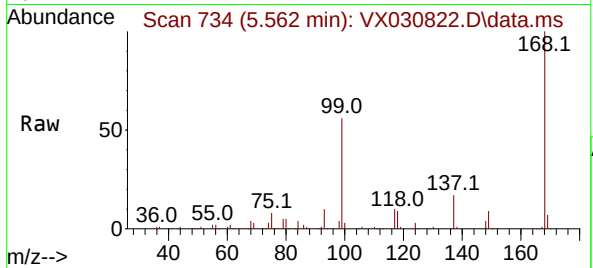




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

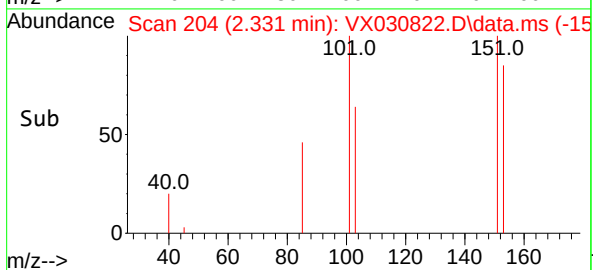
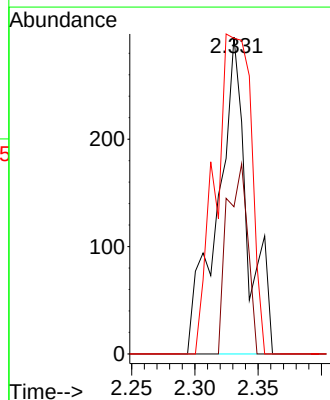
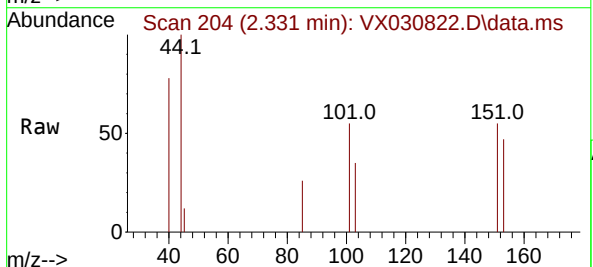
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20220817

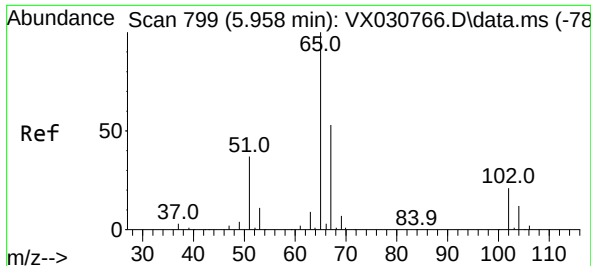
Tgt Ion:168 Resp: 219259
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.227 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Tgt Ion:101 Resp: 485
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 120.6 59.4 89.0#





#33

1,2-Dichloroethane-d4

Concen: 50.970 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030822.D

Acq: 26 Aug 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

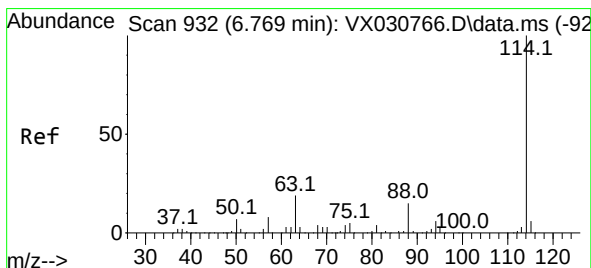
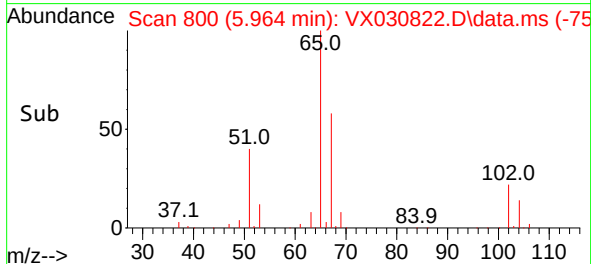
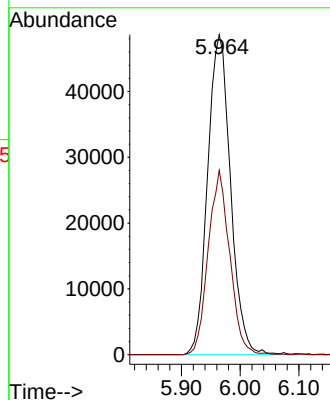
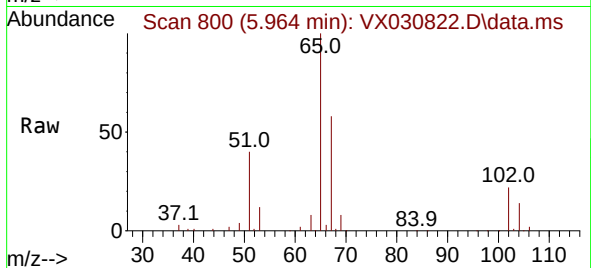
RE109D1-20220817

Tgt Ion: 65 Resp: 131456

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030822.D

Acq: 26 Aug 2022 14:16

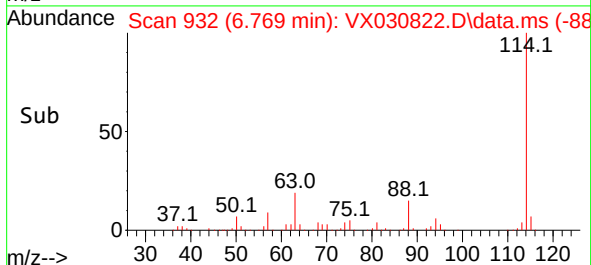
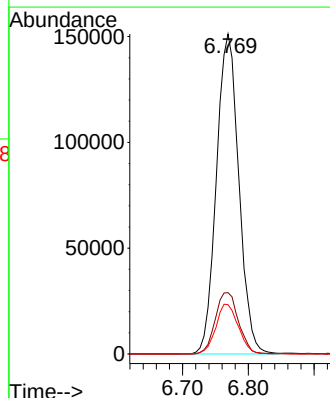
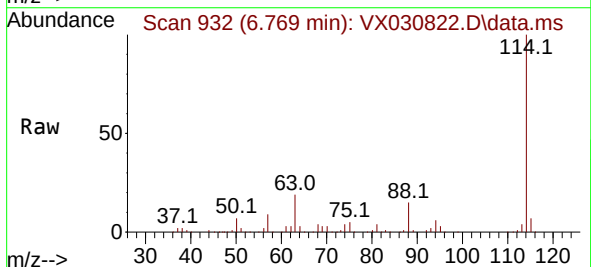
Tgt Ion: 114 Resp: 358533

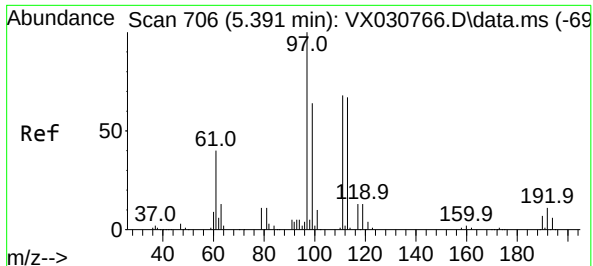
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

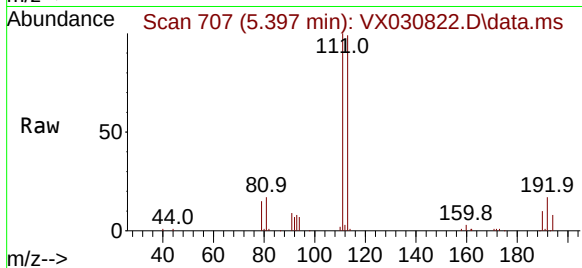
88 15.4 0.0 31.8



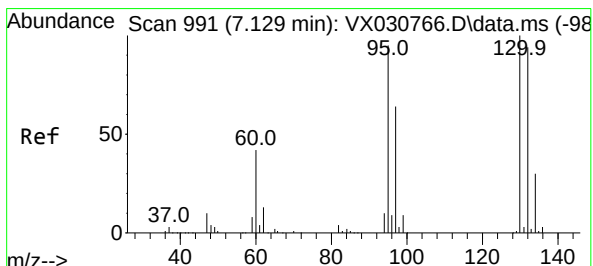
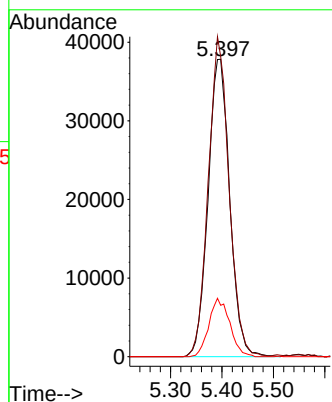
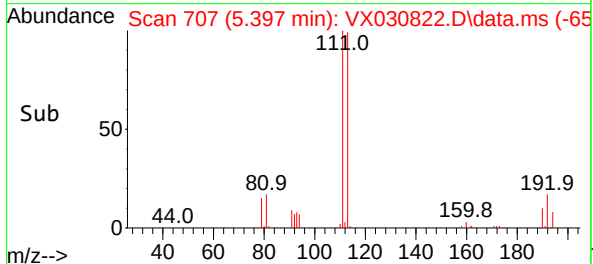


#35
Dibromofluoromethane
Concen: 50.304 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20220817

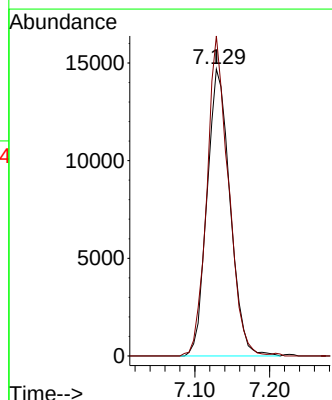
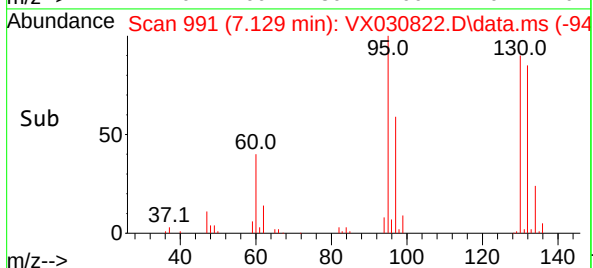
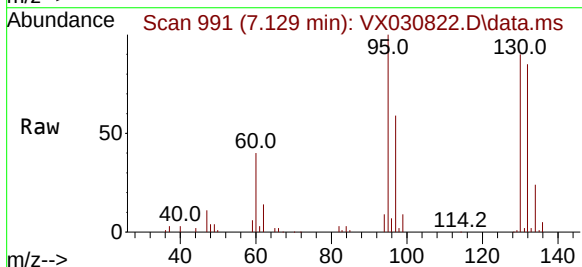


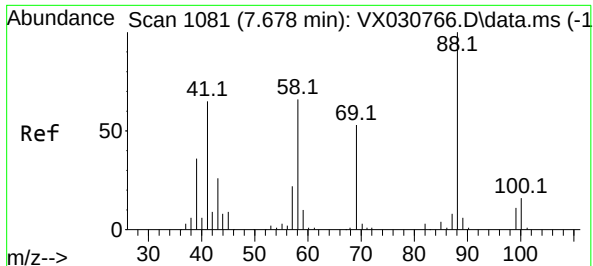
Tgt Ion:113 Resp: 110843
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.9 14.8 22.2



#44
Trichloroethene
Concen: 12.152 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Tgt Ion:130 Resp: 31518
Ion Ratio Lower Upper
130 100
95 111.6 0.0 194.8





#49

1,4-Dioxane

Concen: 15.378 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.001 min

Lab File: VX030822.D

Acq: 26 Aug 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20220817

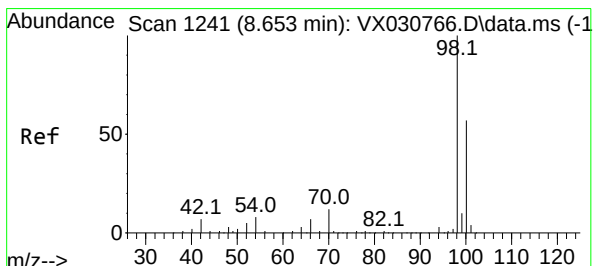
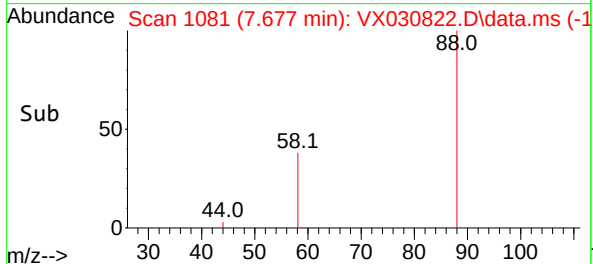
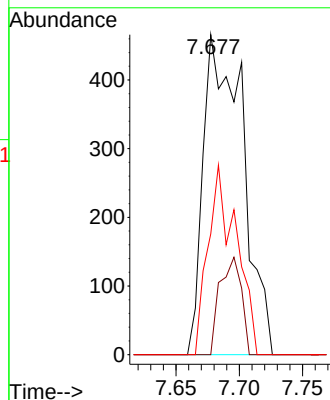
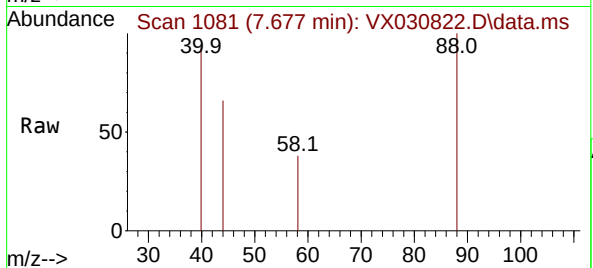
Tgt Ion: 88 Resp: 1013

Ion Ratio Lower Upper

88 100

43 16.5 23.8 35.8#

58 42.2 53.8 80.6#



#50

Toluene-d8

Concen: 53.615 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030822.D

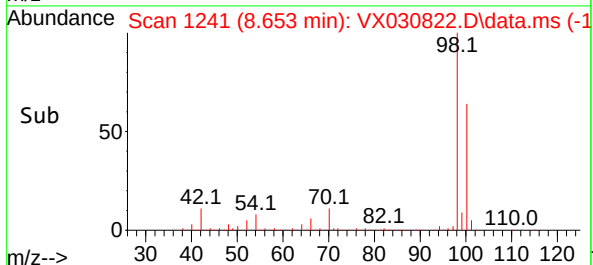
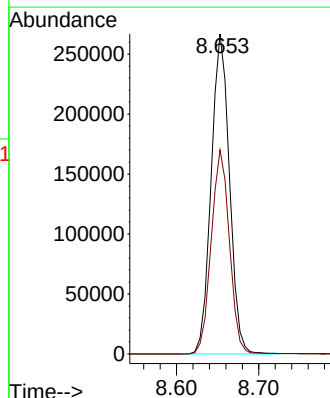
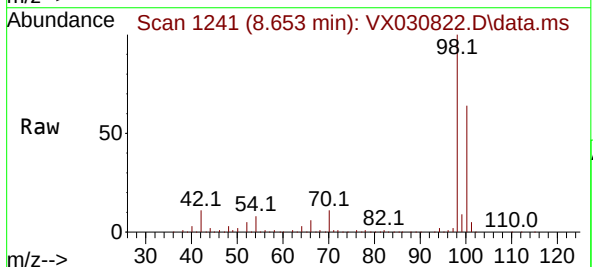
Acq: 26 Aug 2022 14:16

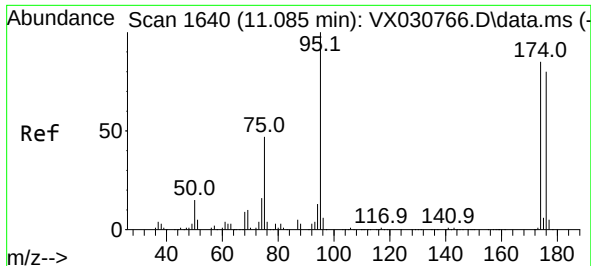
Tgt Ion: 98 Resp: 411675

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5

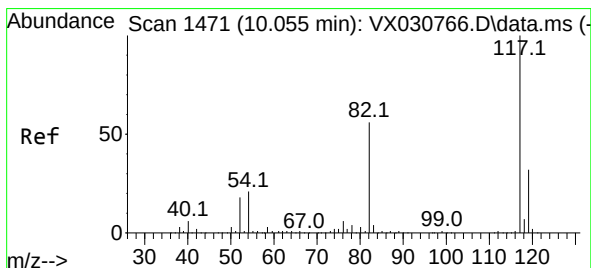
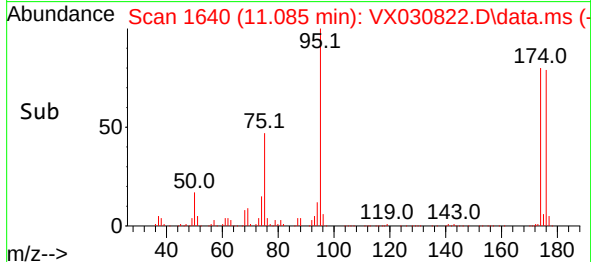
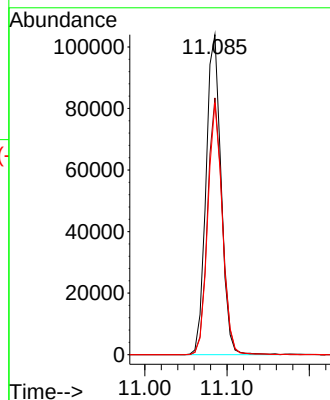
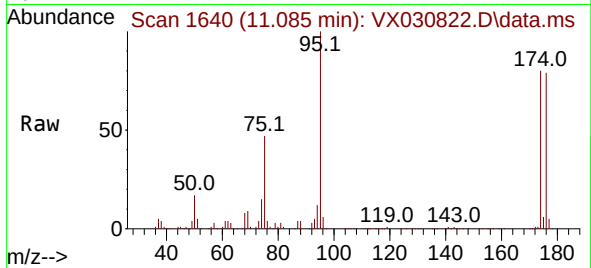




#62
4-Bromofluorobenzene
Concen: 46.267 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

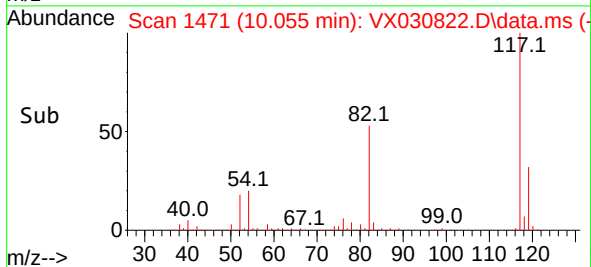
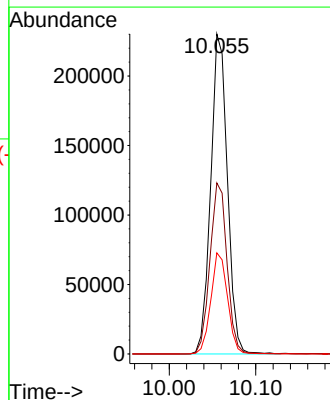
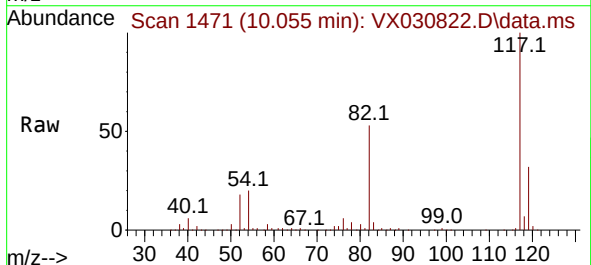
Instrument :
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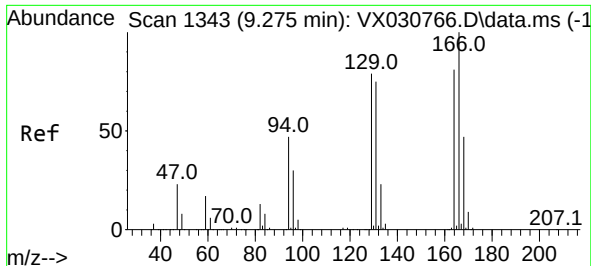
Tgt Ion: 95 Resp: 132262
Ion Ratio Lower Upper
95 100
174 78.5 0.0 149.0
176 75.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Tgt Ion: 117 Resp: 307950
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.6 25.4 38.2

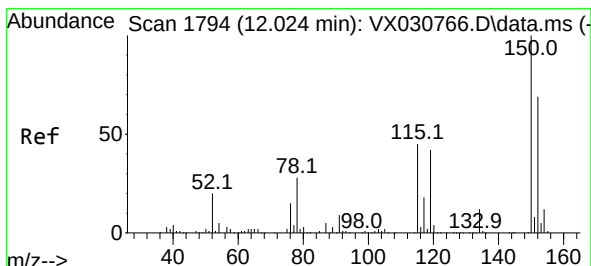
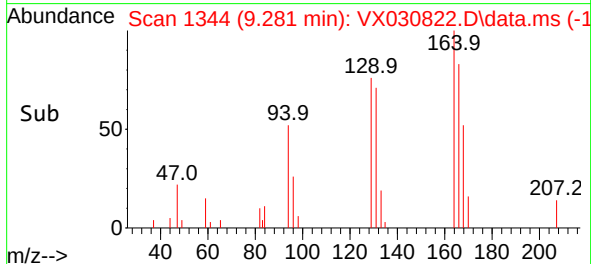
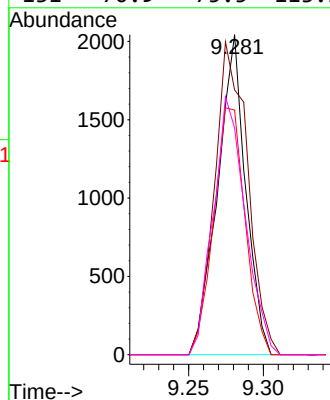
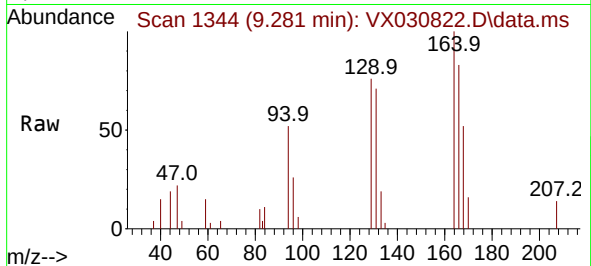




#64
Tetrachloroethene
Concen: 1.102 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	2674
Ion	Ratio	Lower Upper
164	100	
166	82.8	98.2 147.4#
129	76.5	80.8 121.2#
131	70.9	75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030822.D
Acq: 26 Aug 2022 14:16

Tgt Ion:152	Resp:	122077
Ion	Ratio	Lower Upper
152	100	
115	58.9	40.5 121.5
150	155.6	0.0 347.0

