

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032907.D
 Acq On : 17 Nov 2022 17:58
 Operator : JC/MD
 Sample : N5672-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20221116

Quant Time: Nov 18 01:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

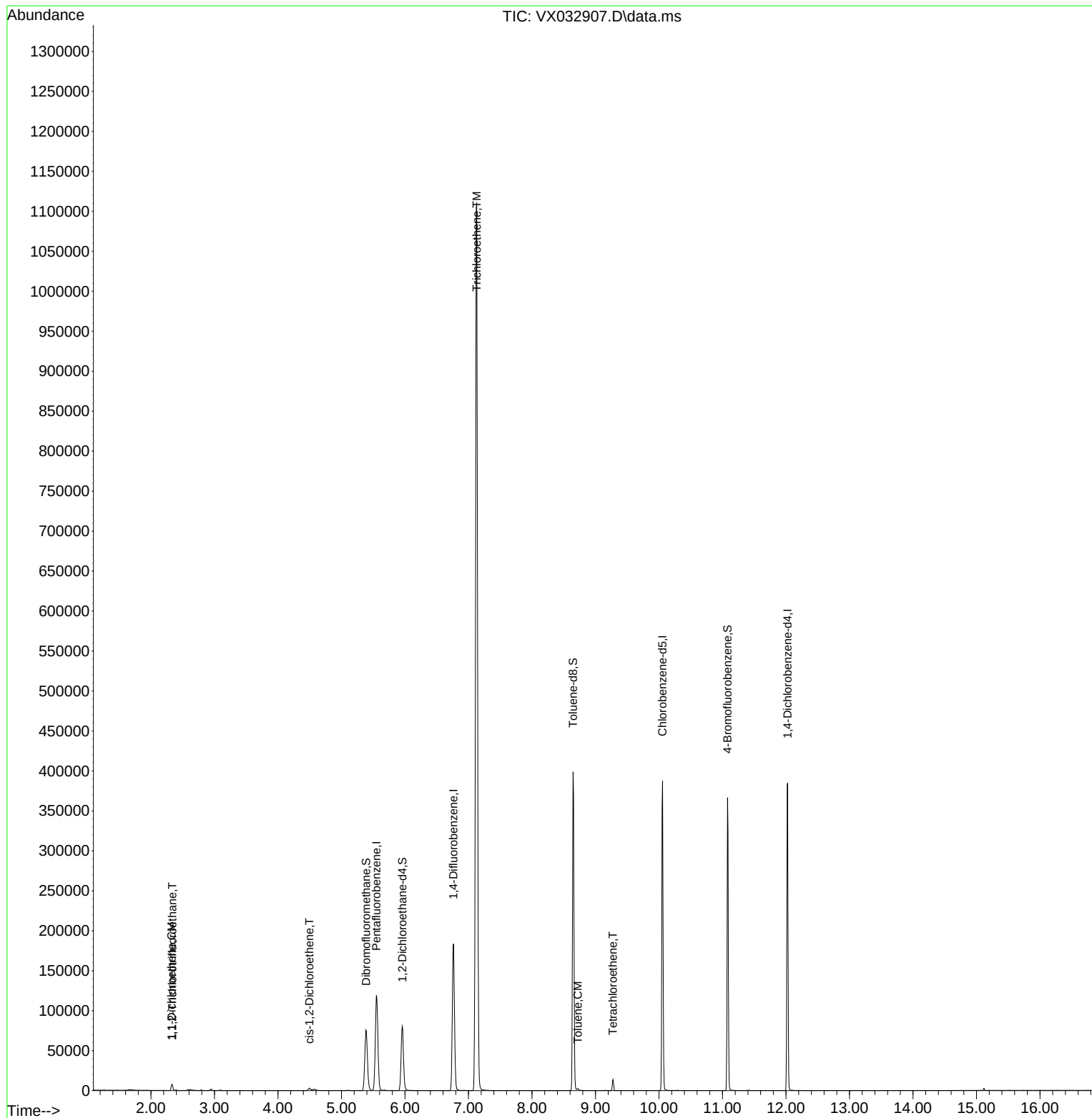
Internal Standards						
1) Pentafluorobenzene	5.550	168	113030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80944	51.539	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.080%		
35) Dibromofluoromethane	5.385	113	63727	47.347	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.700%		
50) Toluene-d8	8.647	98	235842	50.392	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.780%		
62) 4-Bromofluorobenzene	11.079	95	91339	49.962	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.920%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2739	2.257	ug/l	98
12) 1,1-Dichloroethene	2.325	96	448	0.395	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	1870	1.311	ug/l	93
44) Trichloroethene	7.129	130	427389	286.242	ug/l	99
52) Toluene	8.720	92	983	0.284	ug/l	97
64) Tetrachloroethene	9.275	164	2633	2.097	ug/l	87

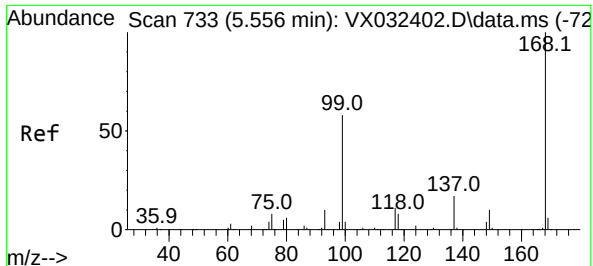
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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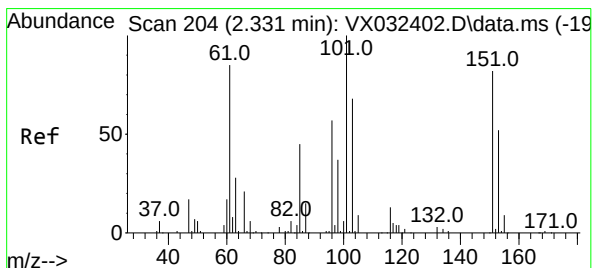
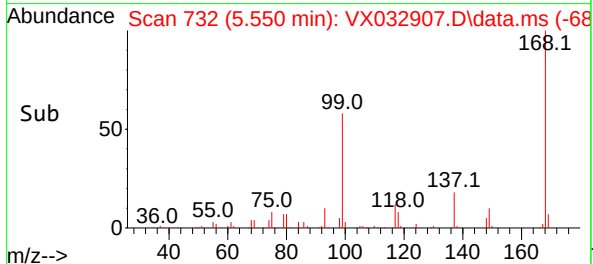
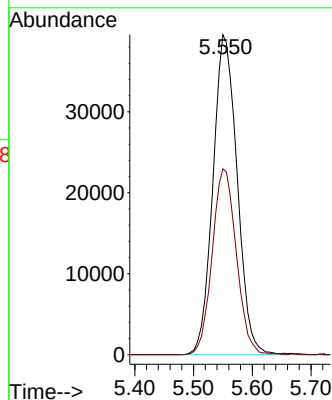
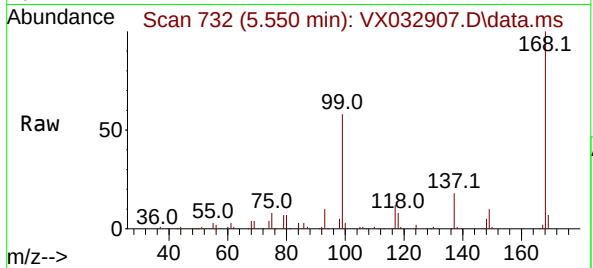




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

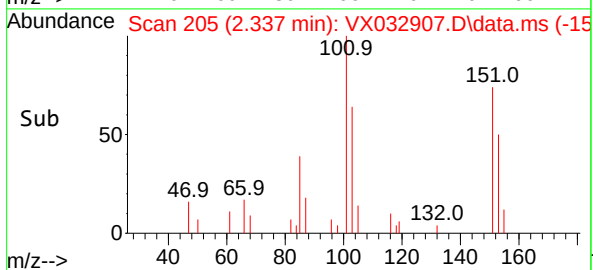
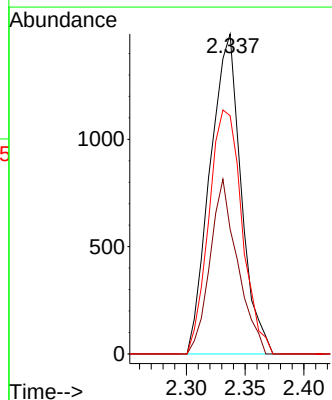
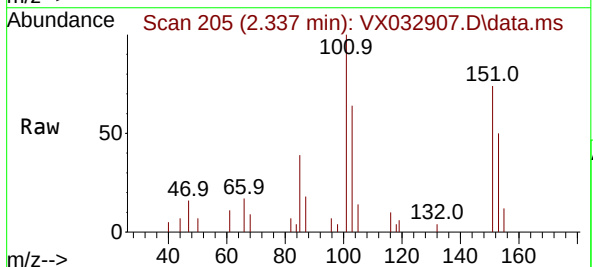
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20221116

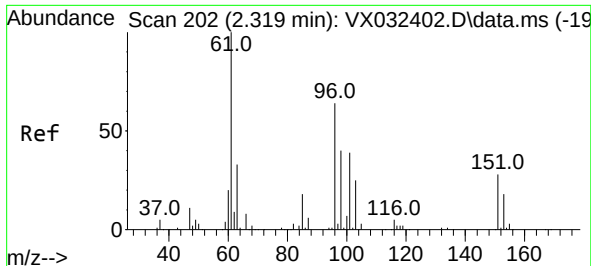
Tgt Ion:168 Resp: 113030
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.257 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Tgt Ion:101 Resp: 2739
Ion Ratio Lower Upper
101 100
85 48.4 37.0 55.4
151 81.5 64.4 96.6





#12

1,1-Dichloroethene

Concen: 0.395 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX032907.D

Acq: 17 Nov 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20221116

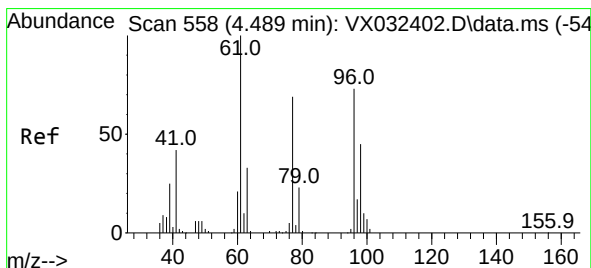
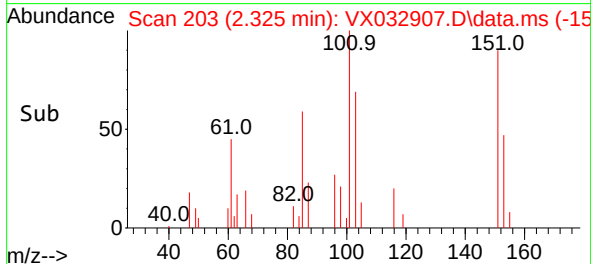
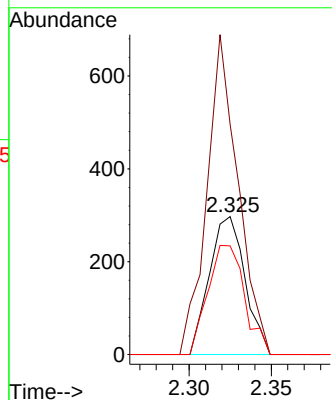
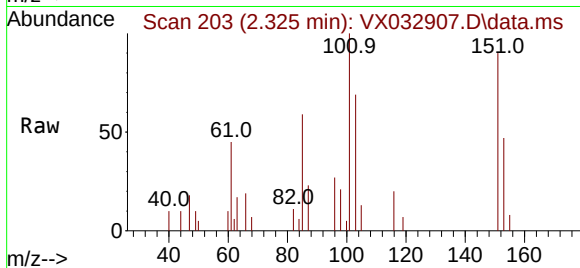
Tgt Ion: 96 Resp: 448

Ion Ratio Lower Upper

96 100

61 167.0 125.1 187.7

98 78.8 50.6 76.0#



#27

cis-1,2-Dichloroethene

Concen: 1.311 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX032907.D

Acq: 17 Nov 2022 17:58

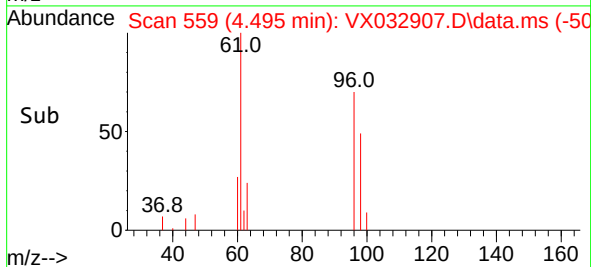
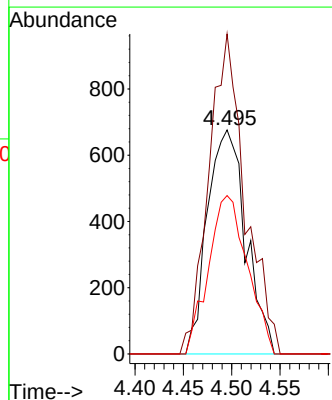
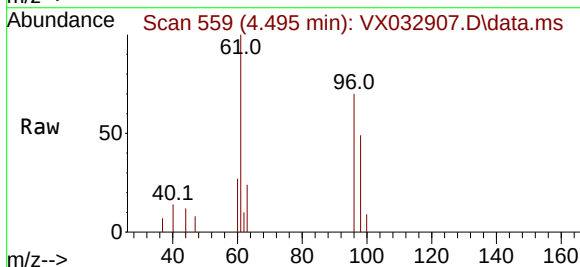
Tgt Ion: 96 Resp: 1870

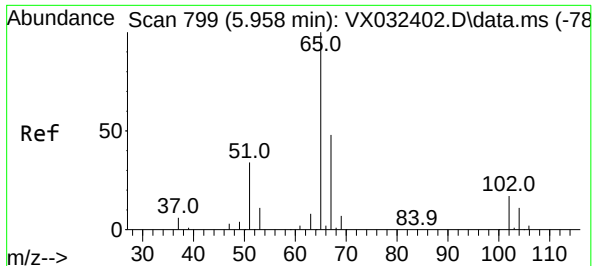
Ion Ratio Lower Upper

96 100

61 135.2 0.0 286.0

98 71.6 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.539 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032907.D

Acq: 17 Nov 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

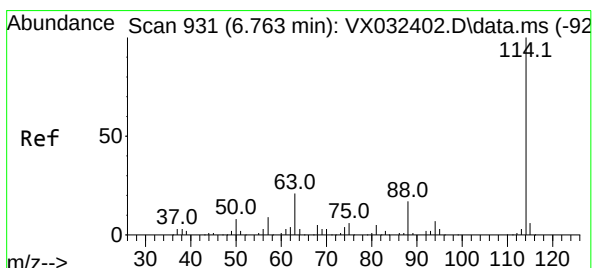
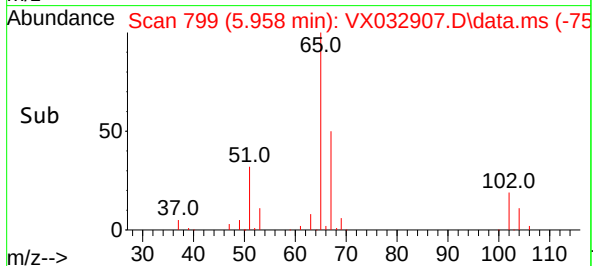
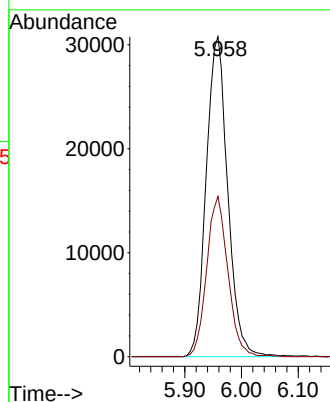
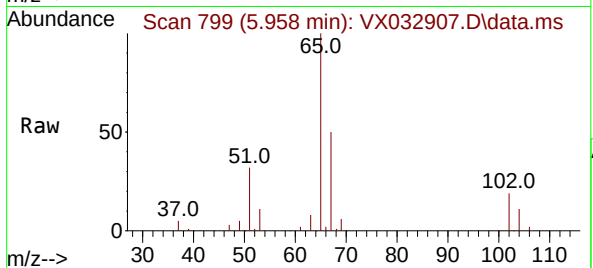
RE122D1-20221116

Tgt Ion: 65 Resp: 80944

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032907.D

Acq: 17 Nov 2022 17:58

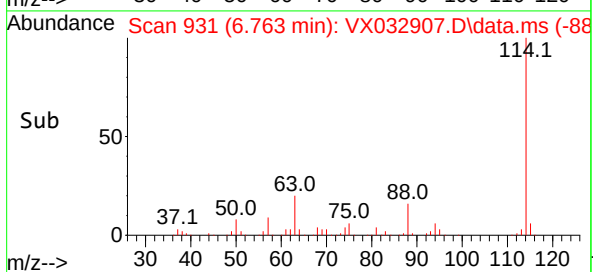
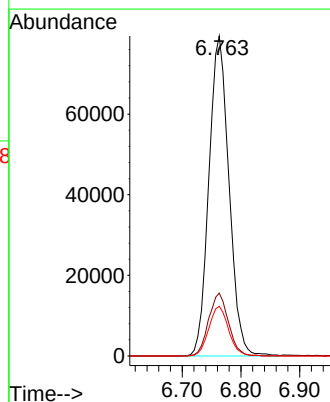
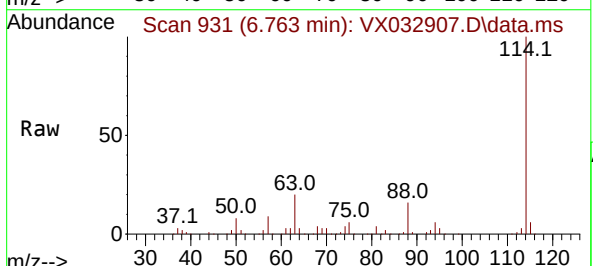
Tgt Ion: 114 Resp: 188691

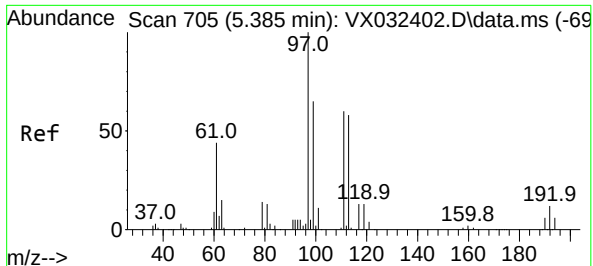
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.5 0.0 33.4

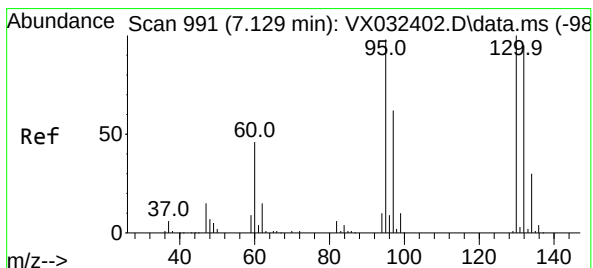
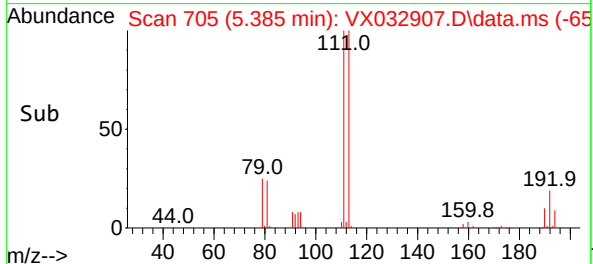
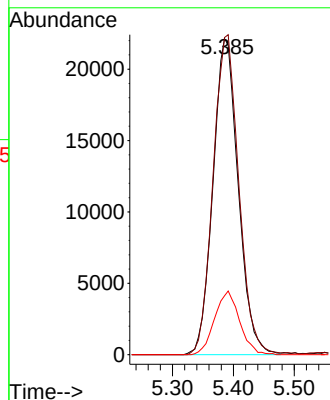
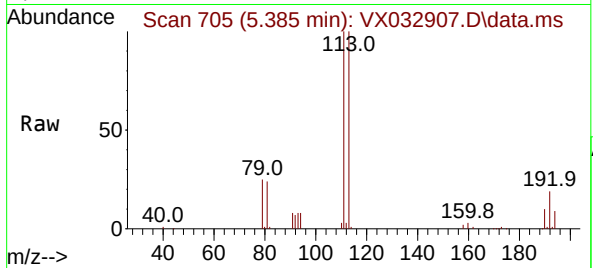




#35
Dibromofluoromethane
Concen: 47.347 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

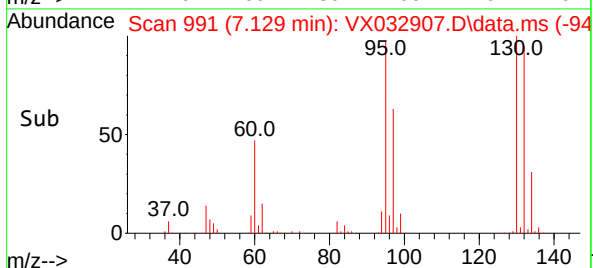
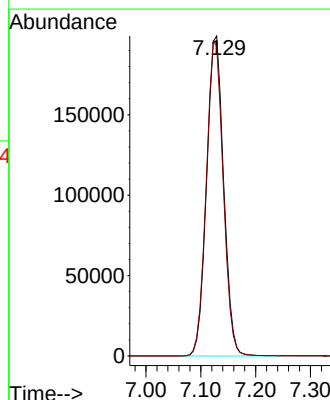
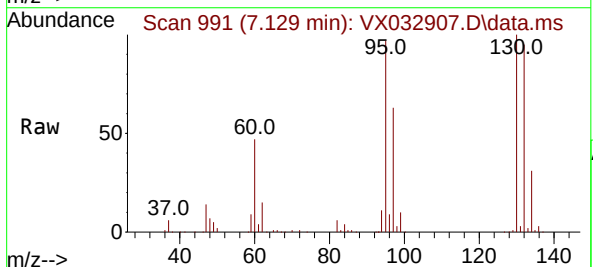
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20221116

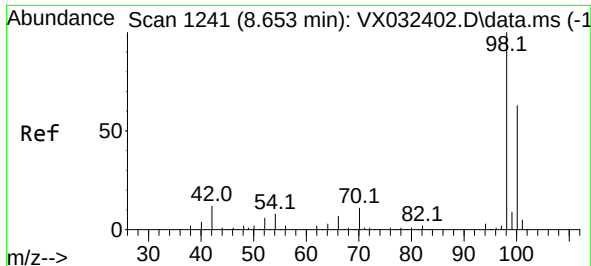
Tgt Ion:113 Resp: 63727
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.9 15.4 23.2



#44
Trichloroethene
Concen: 286.242 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Tgt Ion:130 Resp: 427389
Ion Ratio Lower Upper
130 100
95 96.8 0.0 195.2

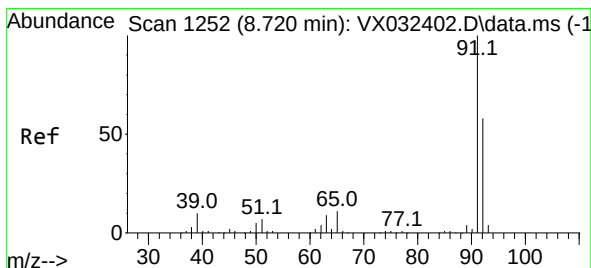
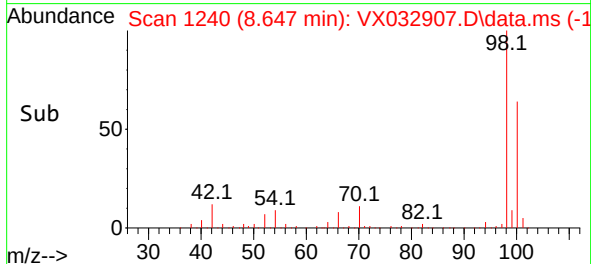
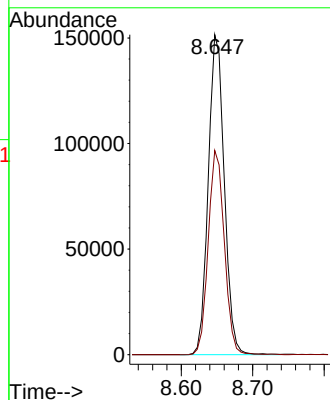
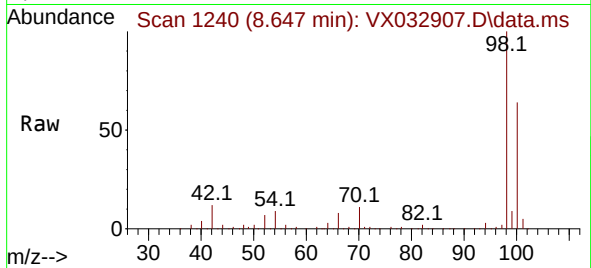




#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

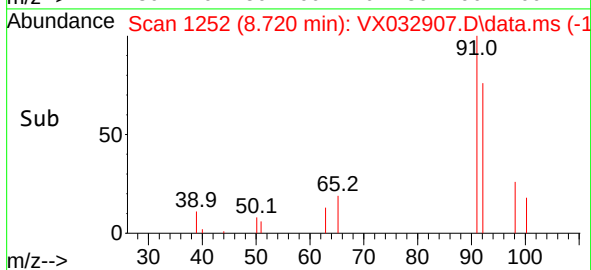
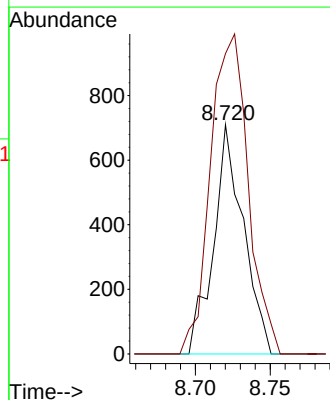
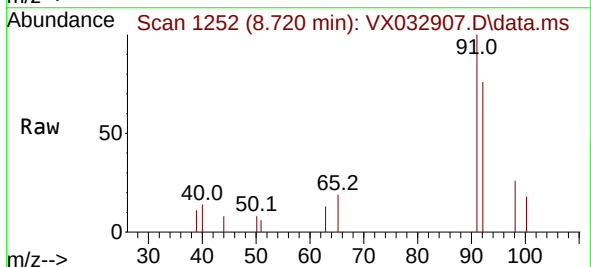
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20221116

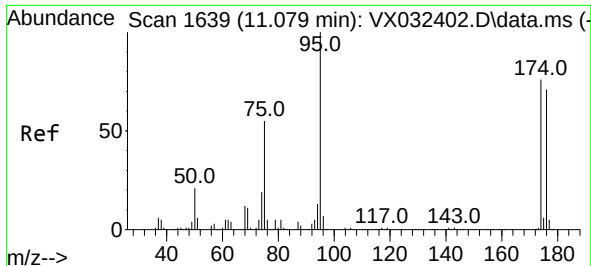
Tgt Ion: 98 Resp: 235842
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#52
Toluene
Concen: 0.284 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Tgt Ion: 92 Resp: 983
Ion Ratio Lower Upper
92 100
91 176.8 138.3 207.5

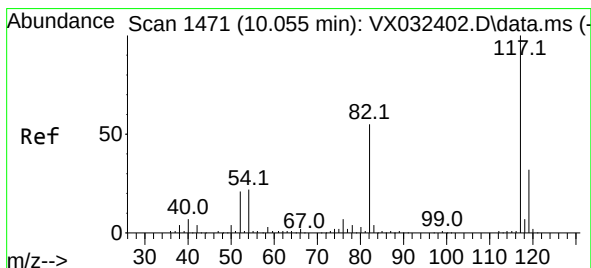
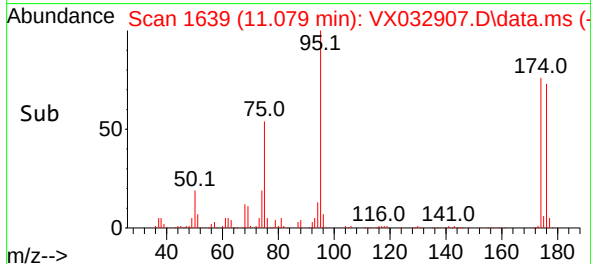
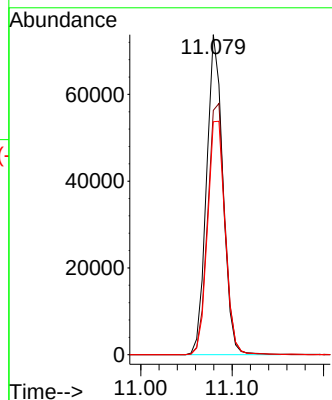
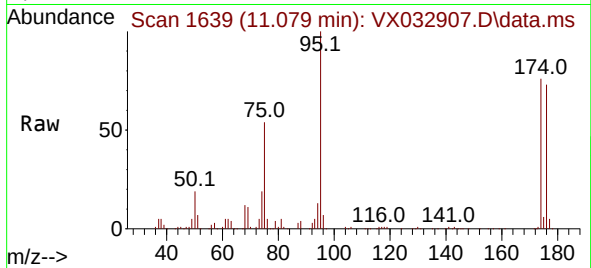




#62
4-Bromofluorobenzene
Concen: 49.962 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

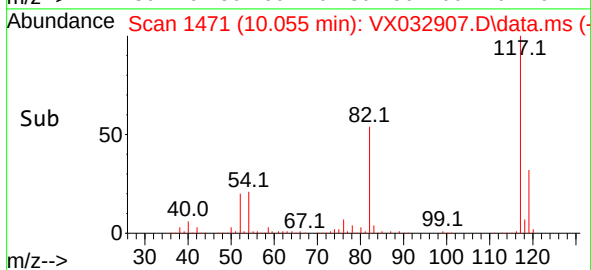
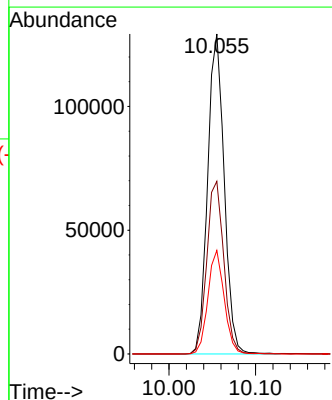
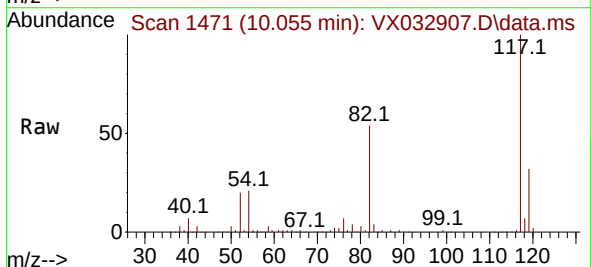
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20221116

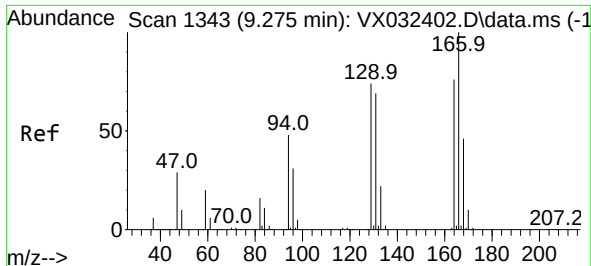
Tgt Ion: 95 Resp: 91339
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Tgt Ion: 117 Resp: 171543
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.3 25.7 38.5



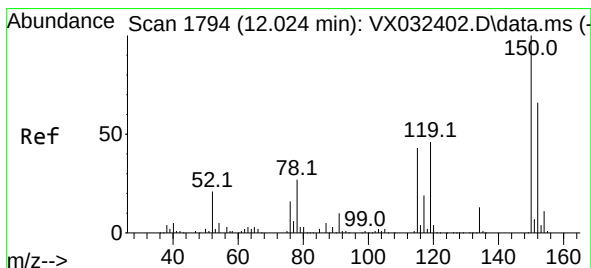
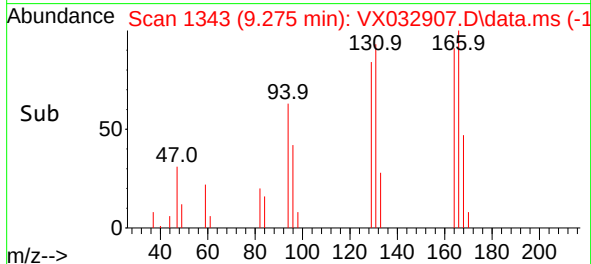
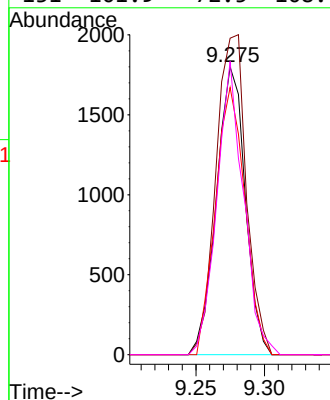
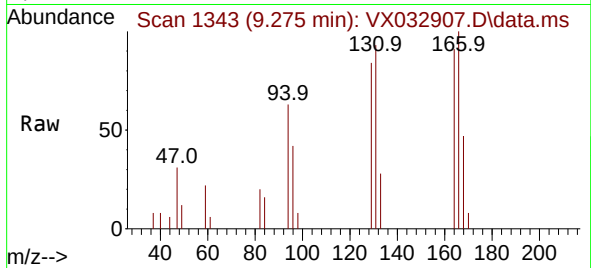


#64
Tetrachloroethene
Concen: 2.097 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20221116

Tgt Ion:164 Resp: 2633

Ion	Ratio	Lower	Upper
164	100		
166	109.9	105.4	158.2
129	92.8	78.2	117.2
131	101.9	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032907.D
Acq: 17 Nov 2022 17:58

Tgt Ion:152 Resp: 82392

Ion	Ratio	Lower	Upper
152	100		
115	59.0	44.0	132.0
150	155.2	0.0	351.8

