

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044327.D
 Acq On : 16 Dec 2024 16:30
 Operator : JC/MD
 Sample : P5261-04DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20241209DL

Quant Time: Dec 17 00:52:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

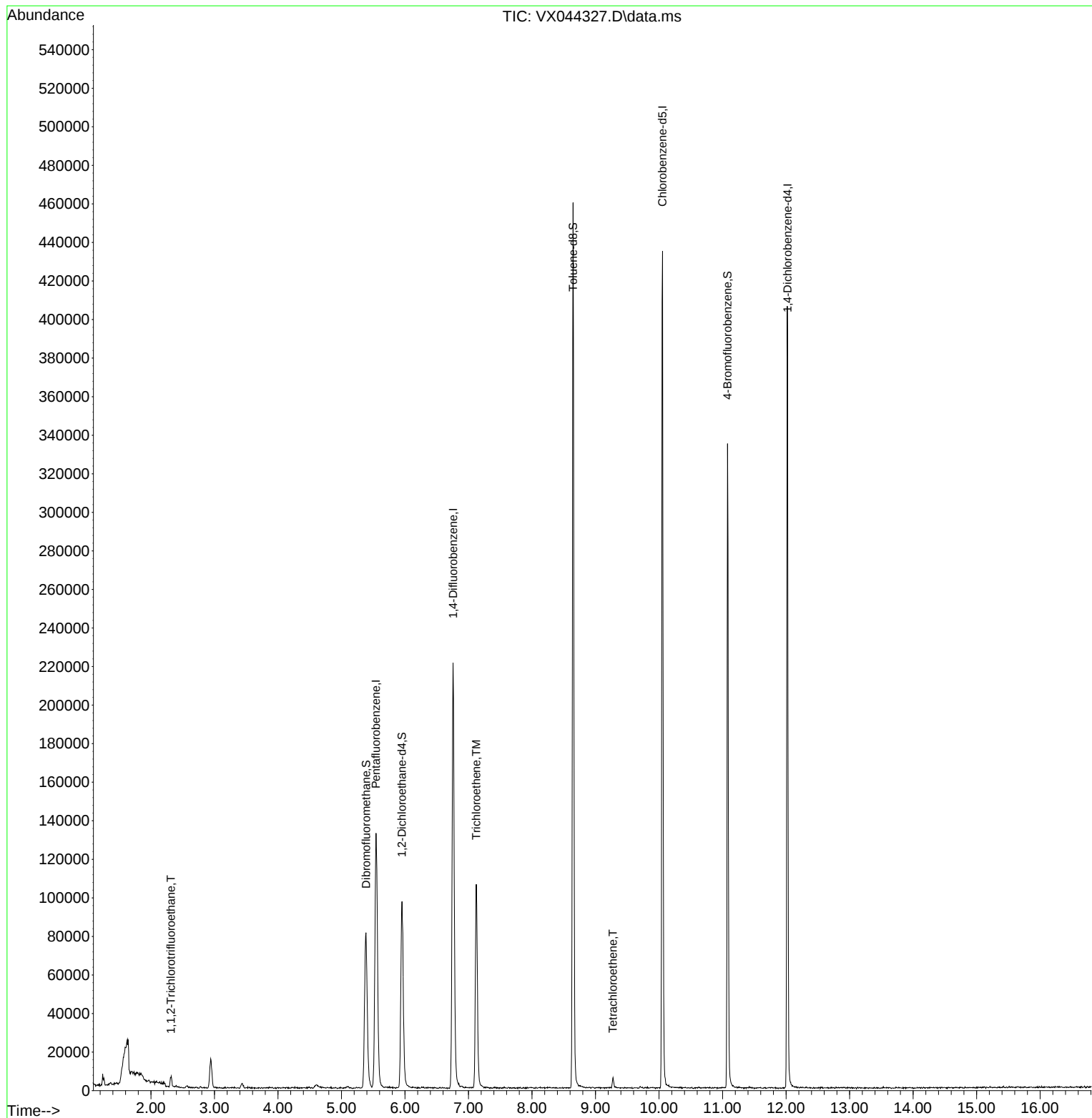
Internal Standards						
1) Pentafluorobenzene	5.544	168	115522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95733	47.264	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	69973	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	261645	52.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.640%		
62) 4-Bromofluorobenzene	11.079	95	86257	49.359	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.720%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.313	101	2224	1.578	ug/l	97
44) Trichloroethene	7.123	130	40489	27.907	ug/l	97
64) Tetrachloroethene	9.275	164	994	0.782	ug/l #	78

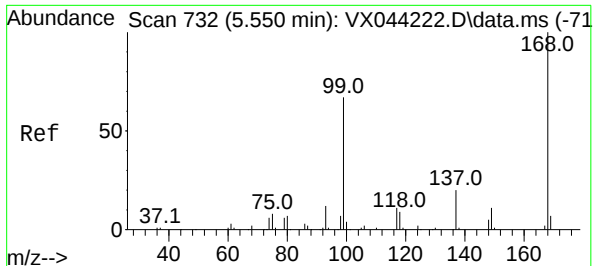
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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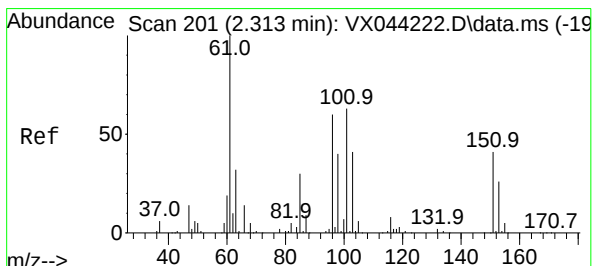
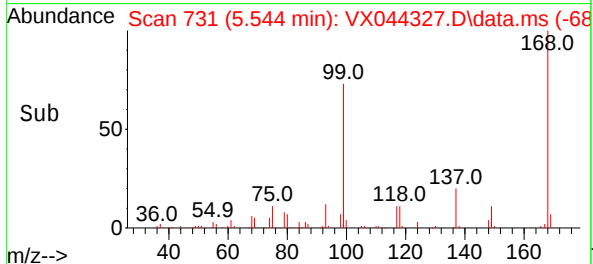
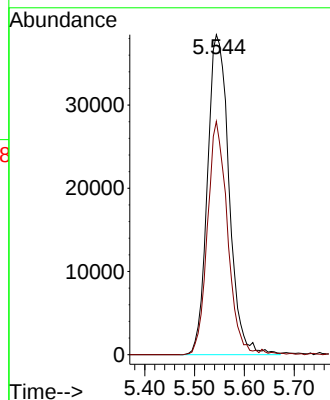
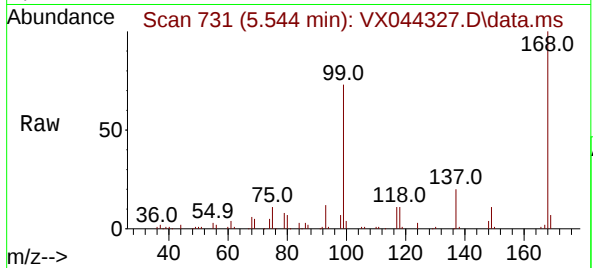




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044327.D
Acq: 16 Dec 2024 16:30

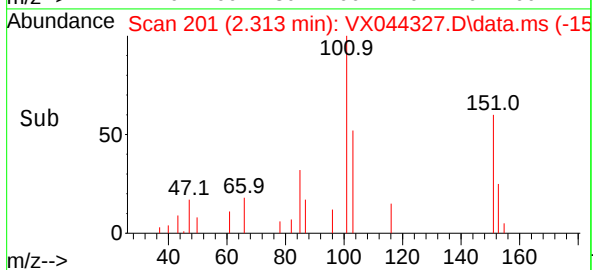
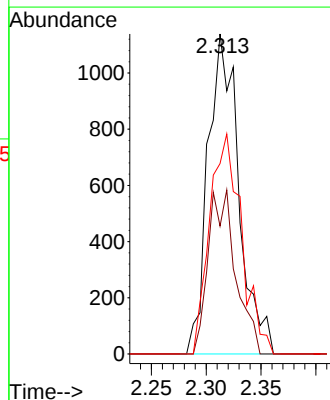
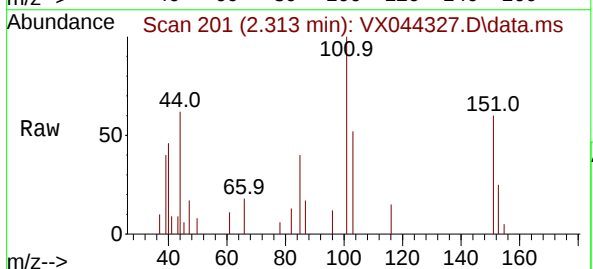
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20241209DL

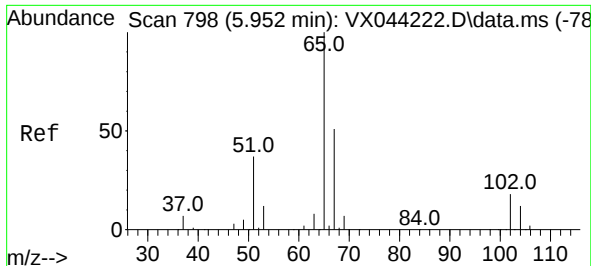
Tgt Ion:168 Resp: 115522
Ion Ratio Lower Upper
168 100
99 72.9 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.578 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044327.D
Acq: 16 Dec 2024 16:30

Tgt Ion:101 Resp: 2224
Ion Ratio Lower Upper
101 100
85 45.8 38.5 57.7
151 71.2 55.8 83.6





#33

1,2-Dichloroethane-d4

Concen: 47.264 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044327.D

Acq: 16 Dec 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

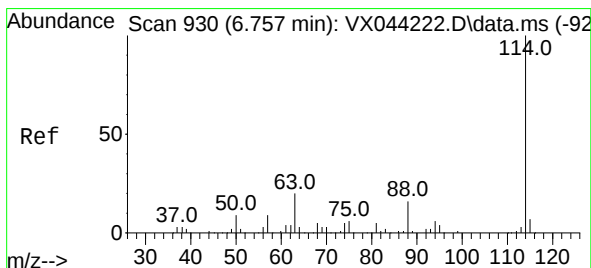
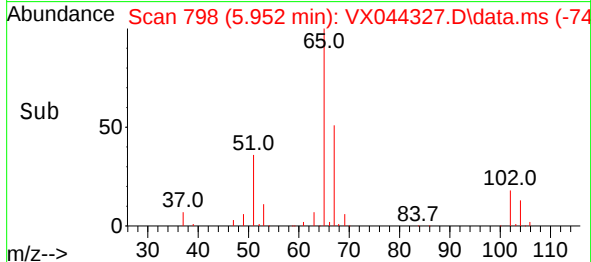
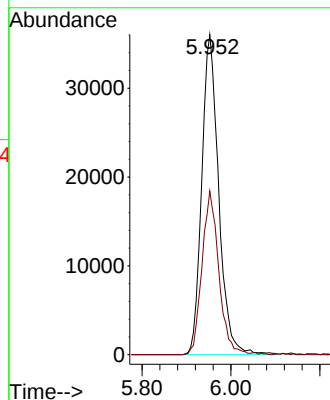
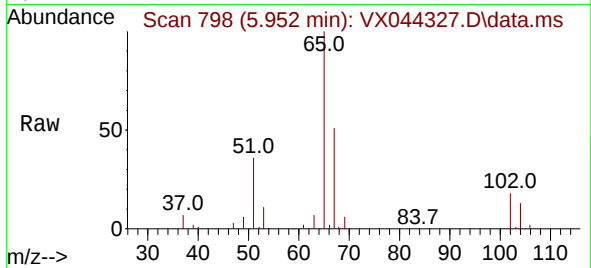
RE103D1-20241209DL

Tgt Ion: 65 Resp: 95733

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044327.D

Acq: 16 Dec 2024 16:30

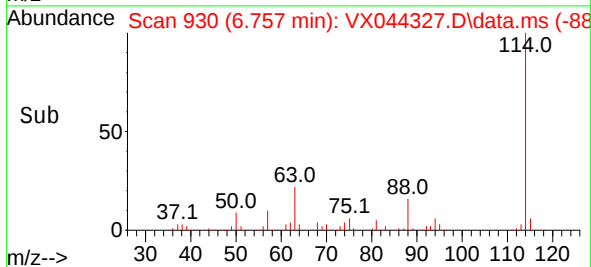
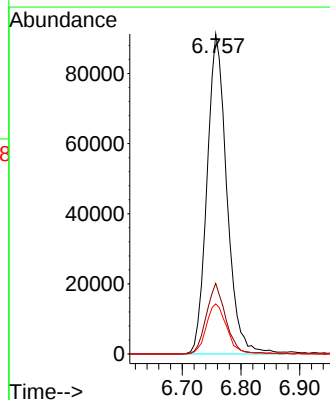
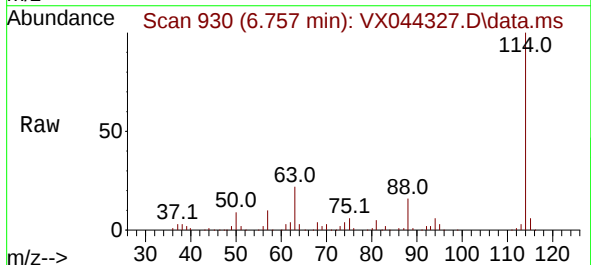
Tgt Ion: 114 Resp: 214039

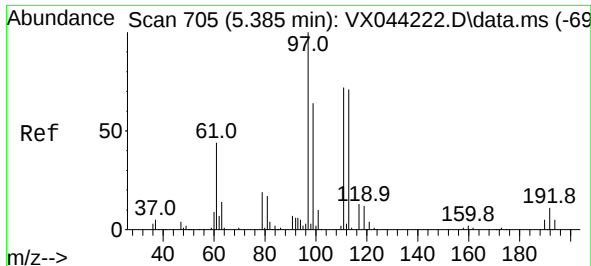
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.6

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.202 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044327.D

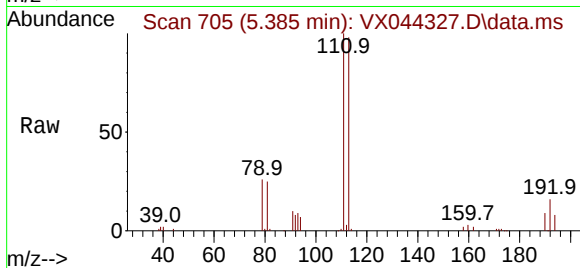
Acq: 16 Dec 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209DL



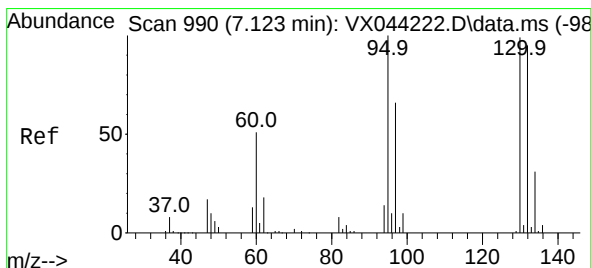
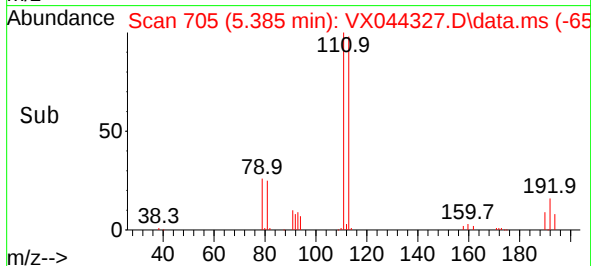
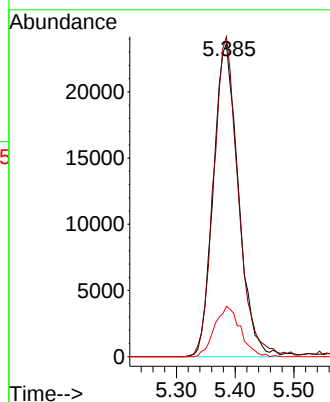
Tgt Ion:113 Resp: 69973

Ion Ratio Lower Upper

113 100

111 100.4 80.4 120.6

192 16.6 13.3 19.9



#44

Trichloroethene

Concen: 27.907 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044327.D

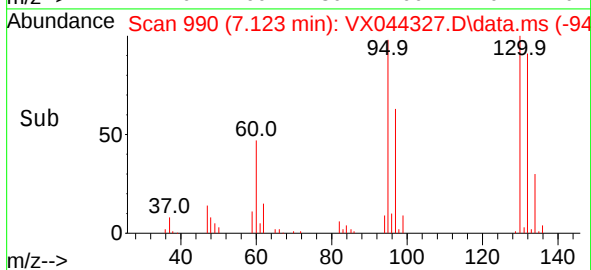
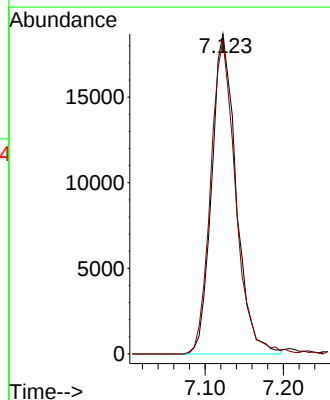
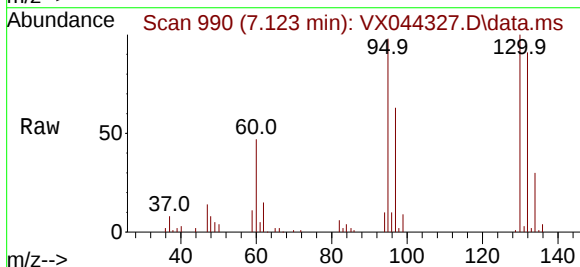
Acq: 16 Dec 2024 16:30

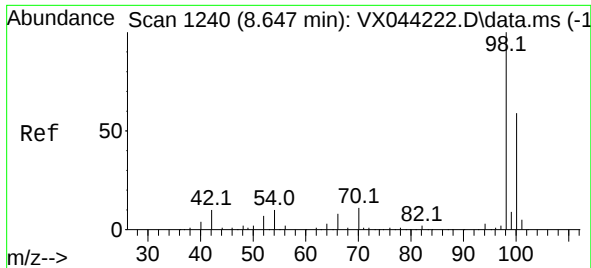
Tgt Ion:130 Resp: 40489

Ion Ratio Lower Upper

130 100

95 98.1 0.0 201.4

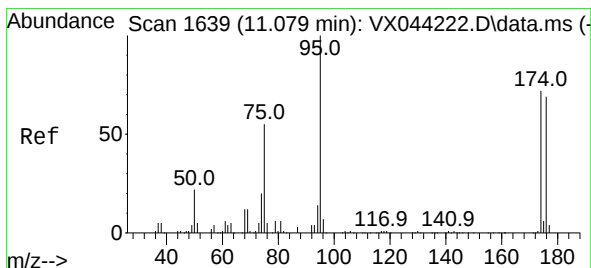
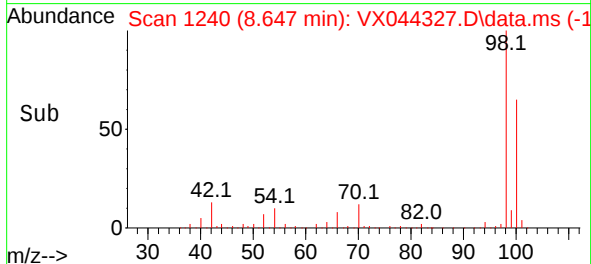
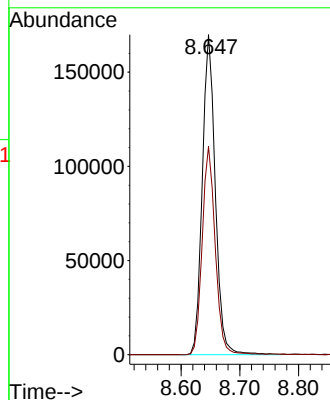
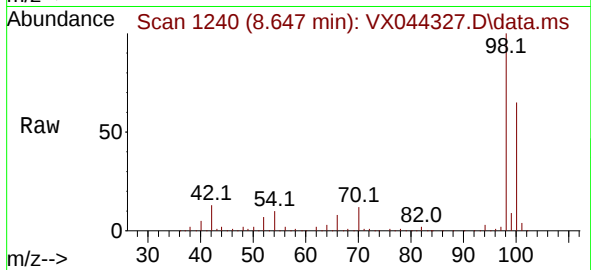




#50
Toluene-d8
Concen: 52.316 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044327.D
Acq: 16 Dec 2024 16:30

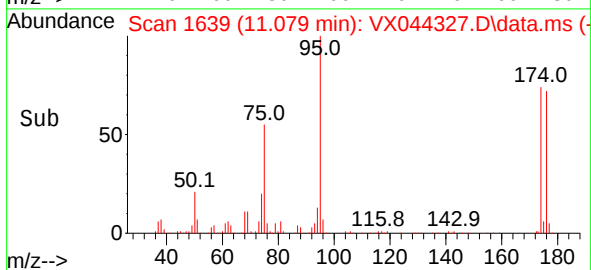
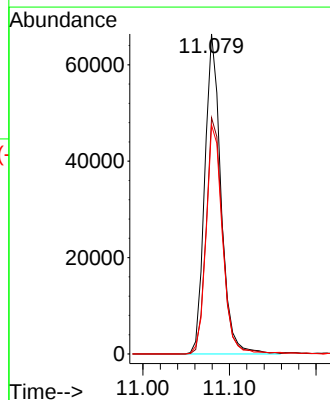
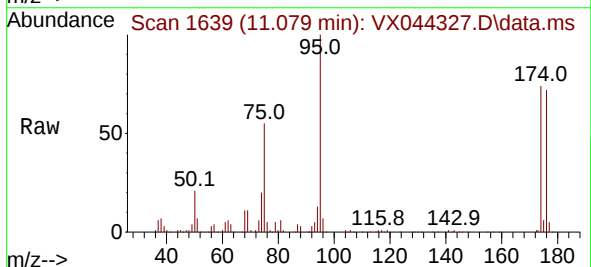
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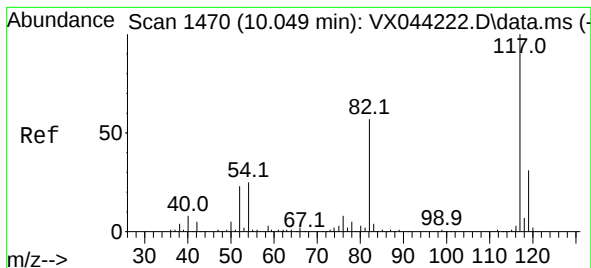
Tgt Ion: 98 Resp: 261645
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044327.D
Acq: 16 Dec 2024 16:30

Tgt Ion: 95 Resp: 86257
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.8
176 72.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044327.D

Acq: 16 Dec 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20241209DL

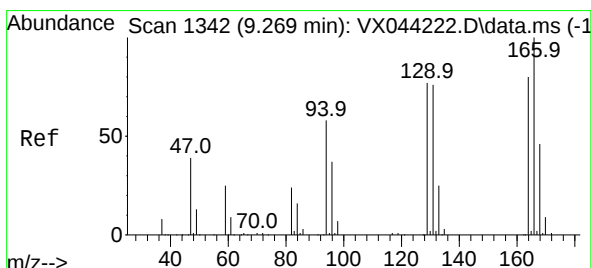
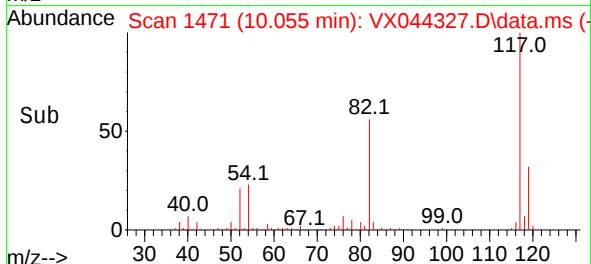
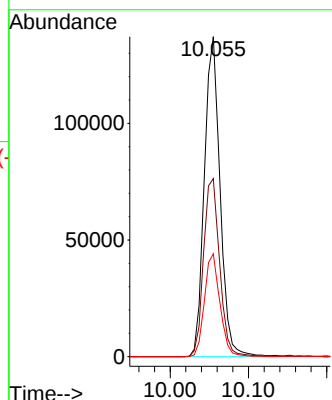
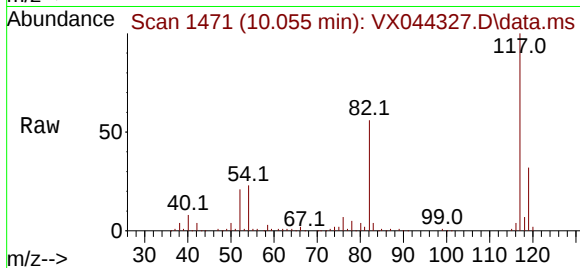
Tgt Ion:117 Resp: 191412

Ion Ratio Lower Upper

117 100

82 55.7 45.8 68.8

119 32.2 25.0 37.4



#64

Tetrachloroethene

Concen: 0.782 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044327.D

Acq: 16 Dec 2024 16:30

Tgt Ion:164 Resp: 994

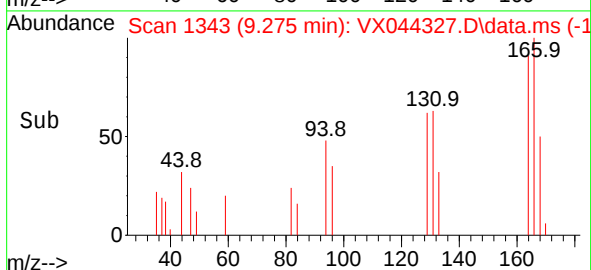
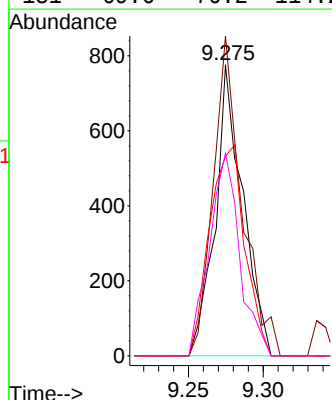
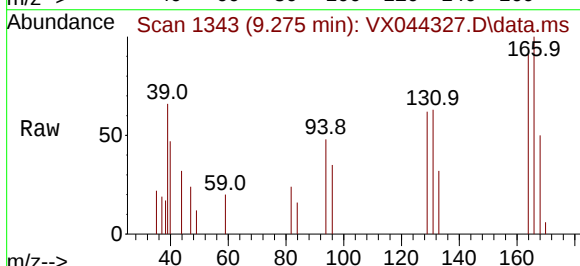
Ion Ratio Lower Upper

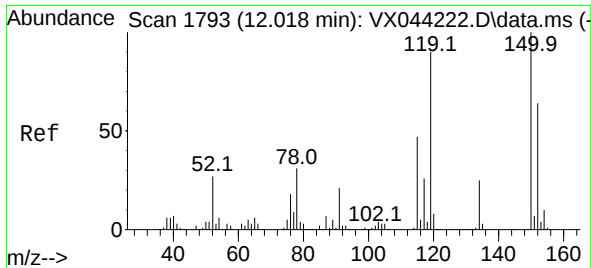
164 100

166 109.9 100.4 150.6

129 68.6 77.2 115.8#

131 69.6 76.2 114.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044327.D

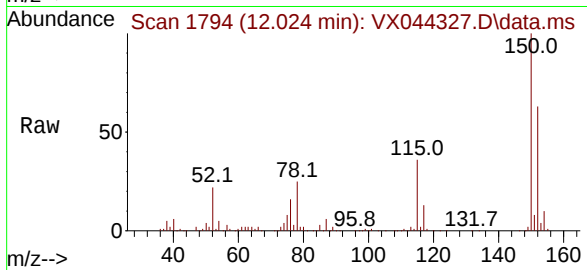
Acq: 16 Dec 2024 16:30

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 78897

Ion Ratio Lower Upper

152 100

115 61.4 44.5 133.3

150 160.7 0.0 353.8

