

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040300.D
 Acq On : 17 Feb 2024 14:24
 Operator : JC/MD
 Sample : P1507-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240212DL

Quant Time: Feb 19 03:57:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

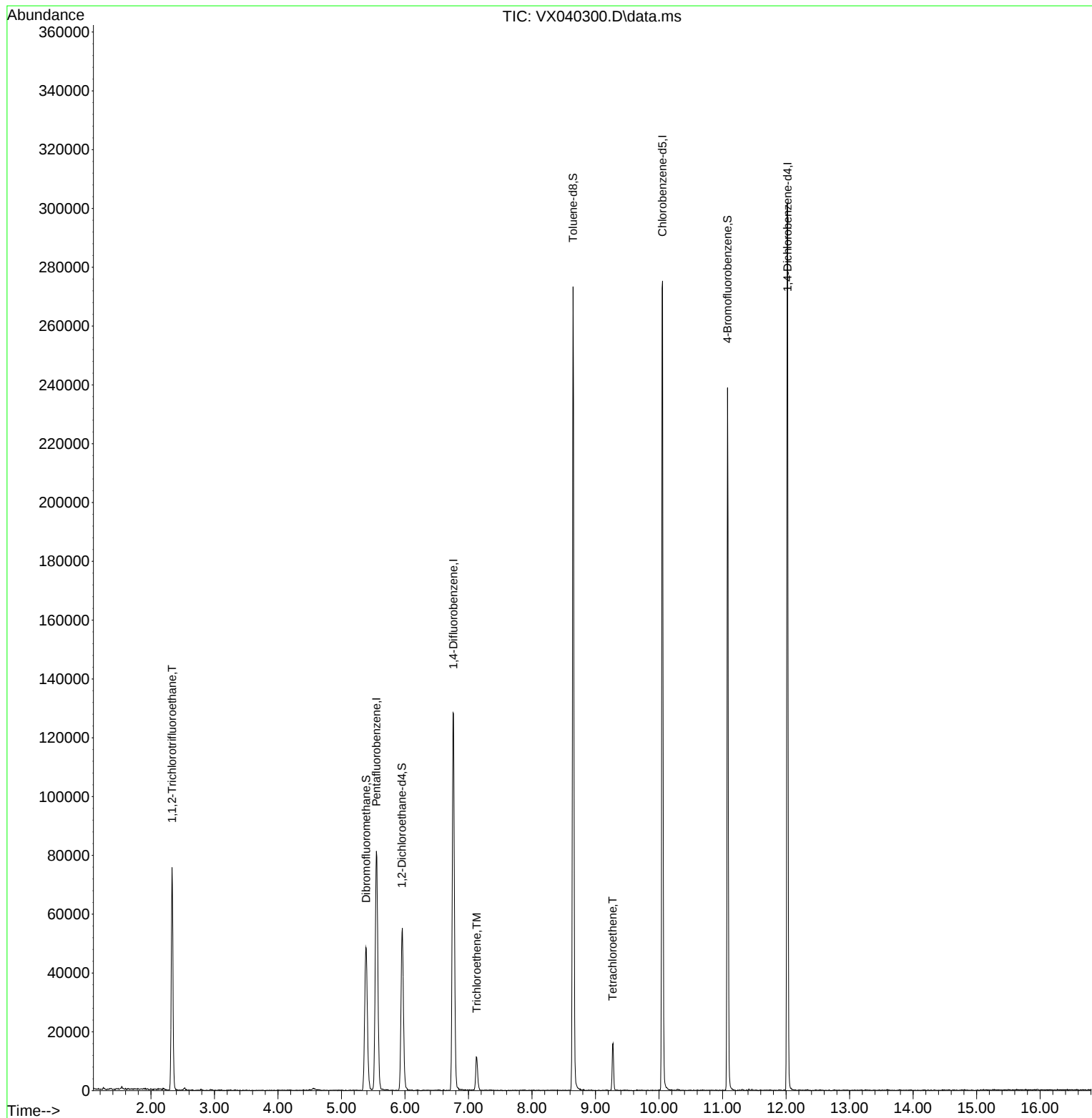
Internal Standards						
1) Pentafluorobenzene	5.550	168	77442	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52629	45.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	42685	46.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.647	98	157428	45.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.079	95	62179	44.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	29187	35.543	ug/l	96
44) Trichloroethene	7.129	130	4534	4.585	ug/l	80
64) Tetrachloroethene	9.268	164	3092	3.467	ug/l	90

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

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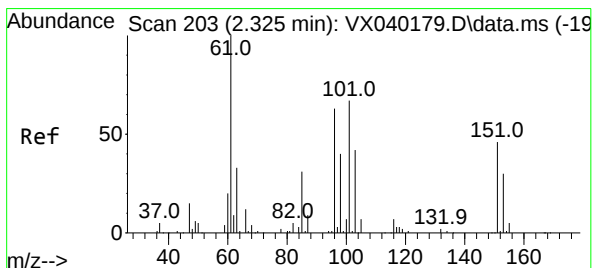
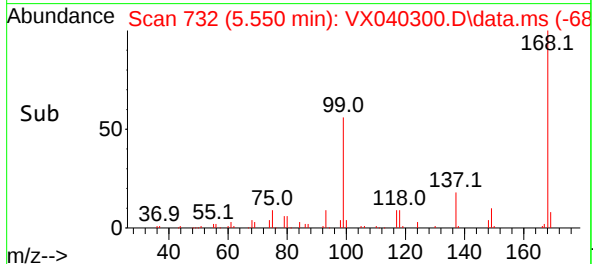
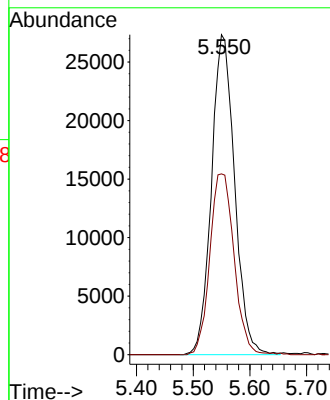
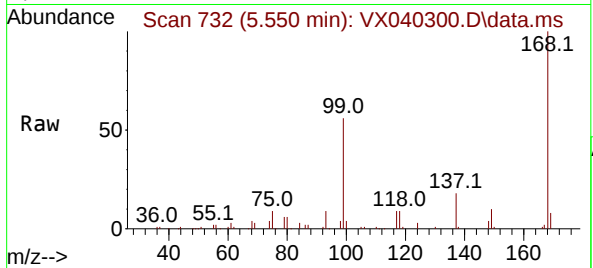




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

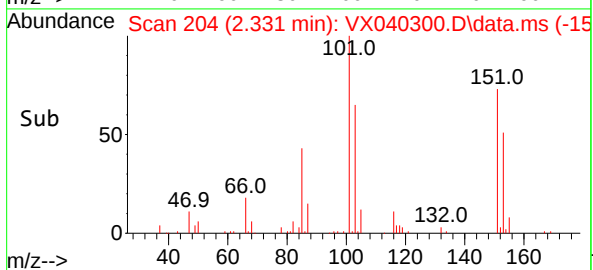
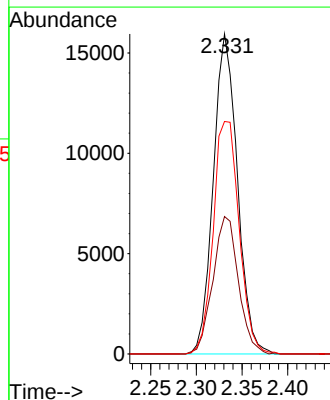
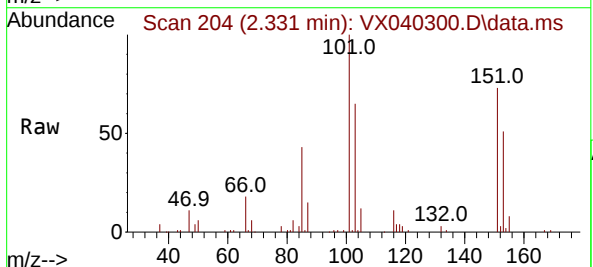
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

Tgt Ion:168 Resp: 77442
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.543 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion:101 Resp: 29187
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 78.4 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 45.681 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

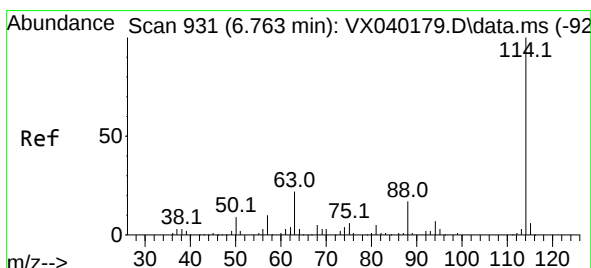
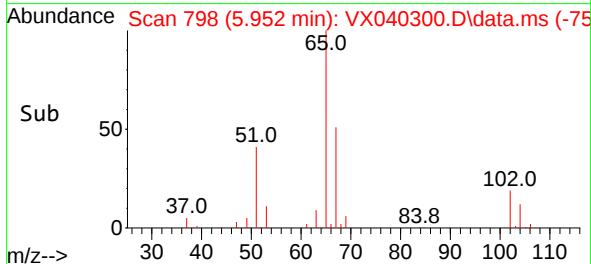
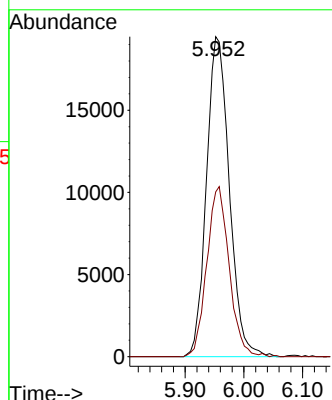
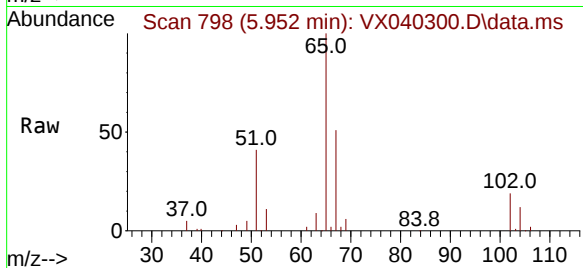
RE134D4-20240212DL

Tgt Ion: 65 Resp: 52629

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

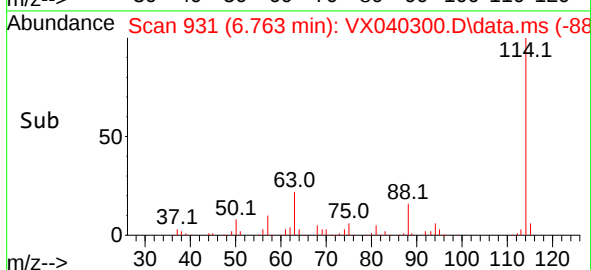
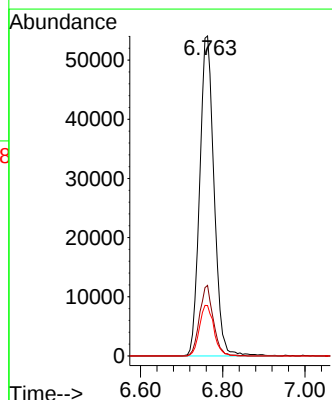
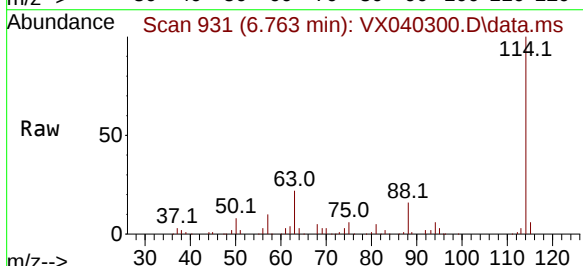
Tgt Ion: 114 Resp: 131033

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.647 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040300.D

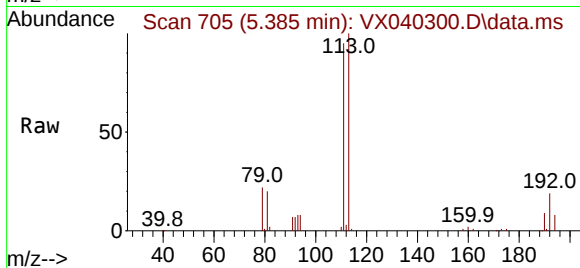
Acq: 17 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20240212DL



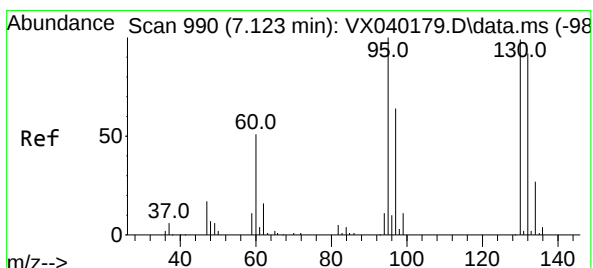
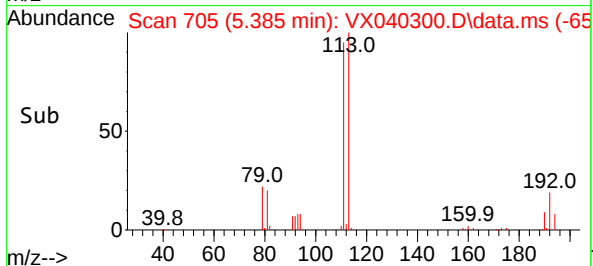
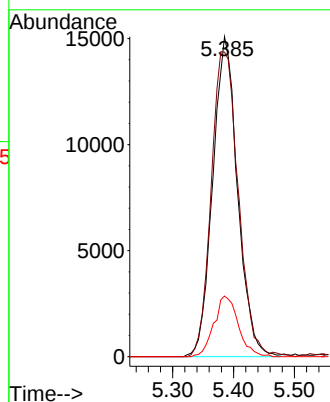
Tgt Ion:113 Resp: 42685

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.6 13.3 19.9



#44

Trichloroethene

Concen: 4.585 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX040300.D

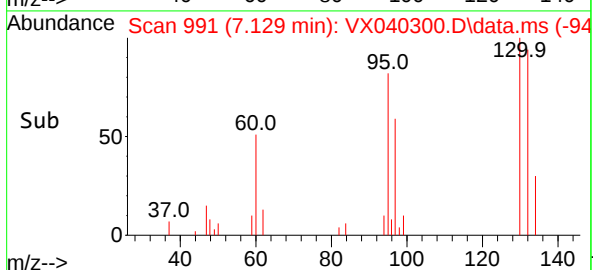
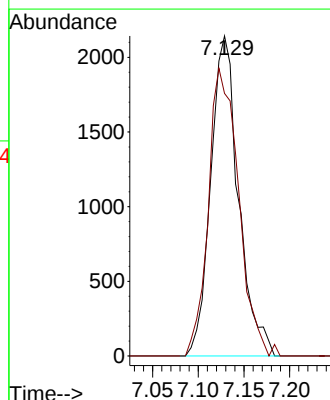
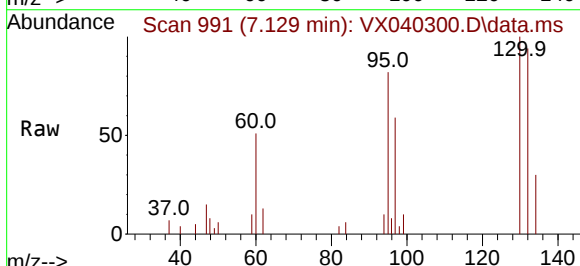
Acq: 17 Feb 2024 14:24

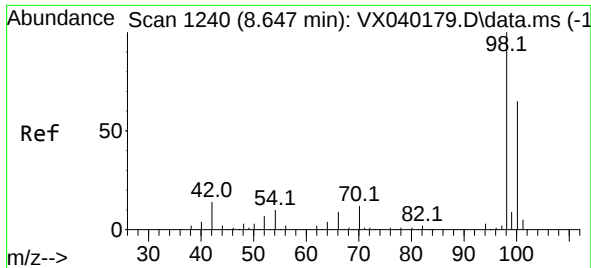
Tgt Ion:130 Resp: 4534

Ion Ratio Lower Upper

130 100

95 82.0 0.0 204.4

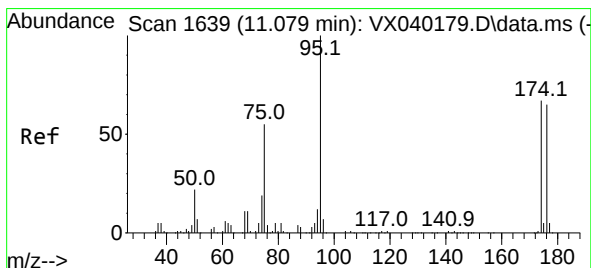
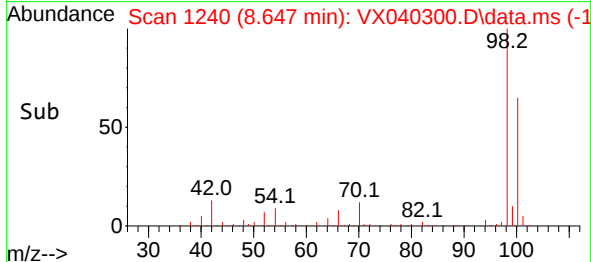
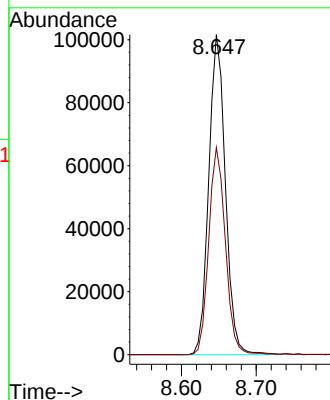
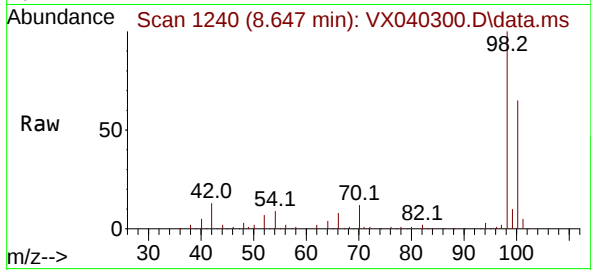




#50
Toluene-d8
Concen: 45.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

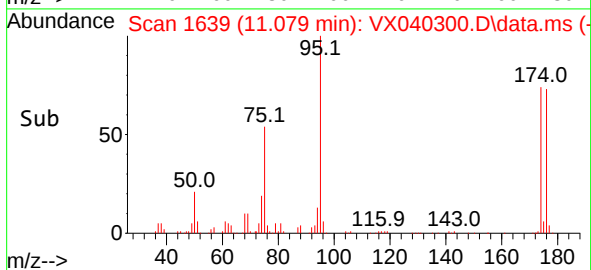
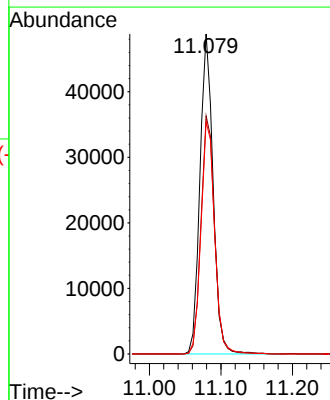
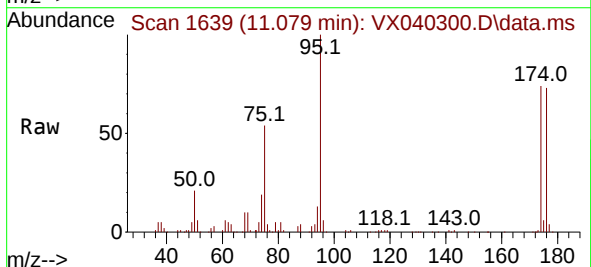
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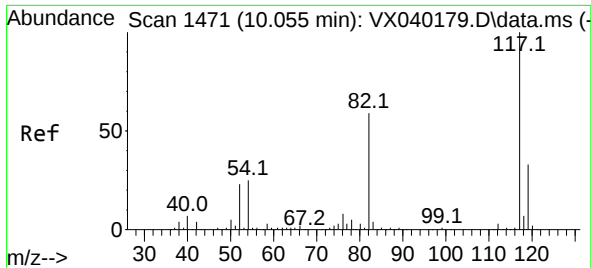
Tgt Ion: 98 Resp: 157428
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 95 Resp: 62179
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 75.3 0.0 131.0

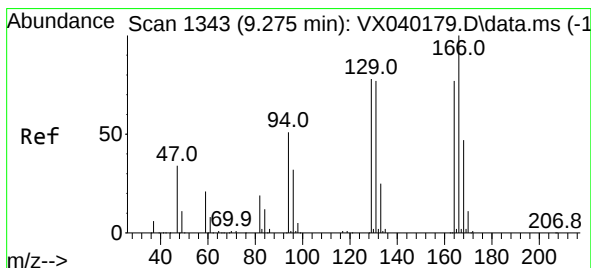
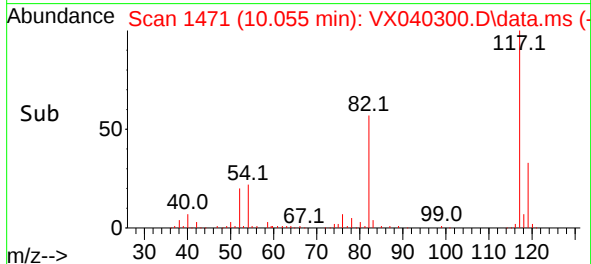
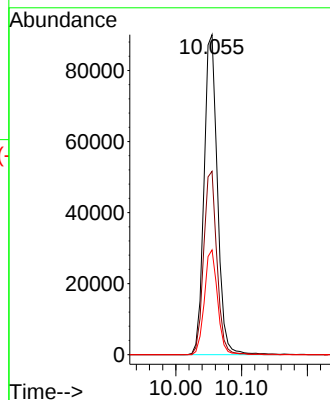
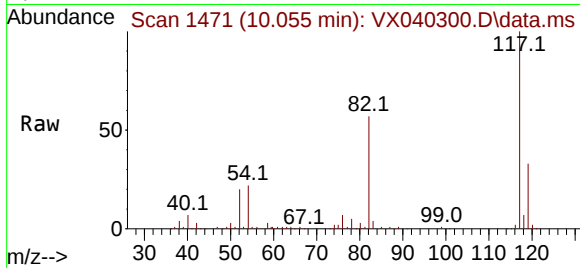




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

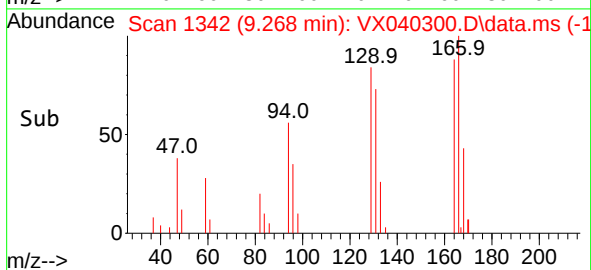
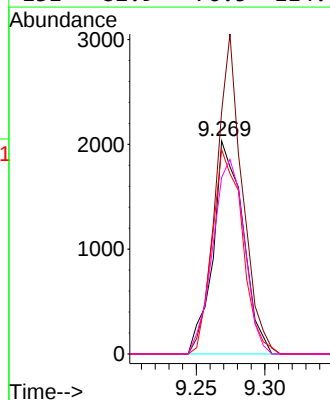
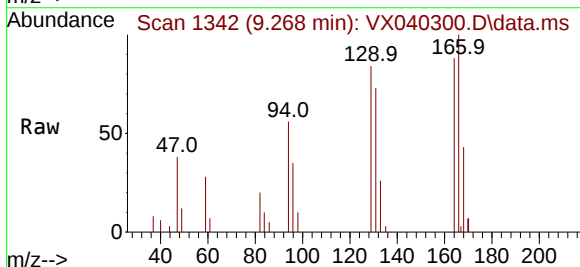
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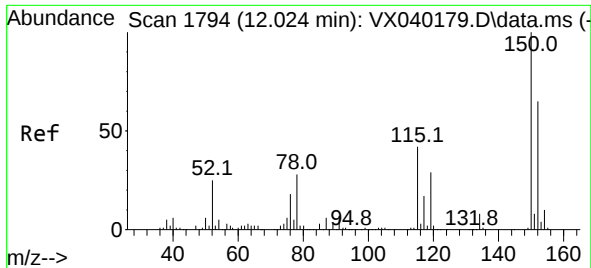
Tgt Ion:117 Resp: 127276
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 3.467 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion:164 Resp: 3092
Ion Ratio Lower Upper
164 100
166 113.9 102.7 154.1
129 96.0 80.4 120.6
131 82.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040300.D

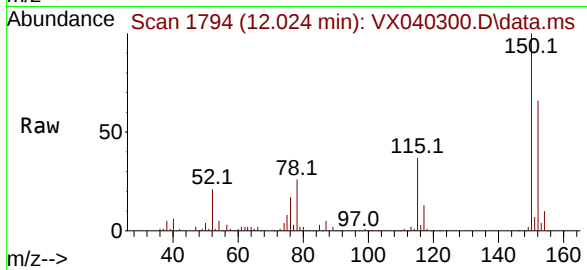
Acq: 17 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20240212DL



Tgt Ion:152 Resp: 64572

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 154.0 0.0 345.0

