

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040301.D
 Acq On : 17 Feb 2024 14:47
 Operator : JC/MD
 Sample : P1507-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20240214DL

Quant Time: Feb 19 03:57:29 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)

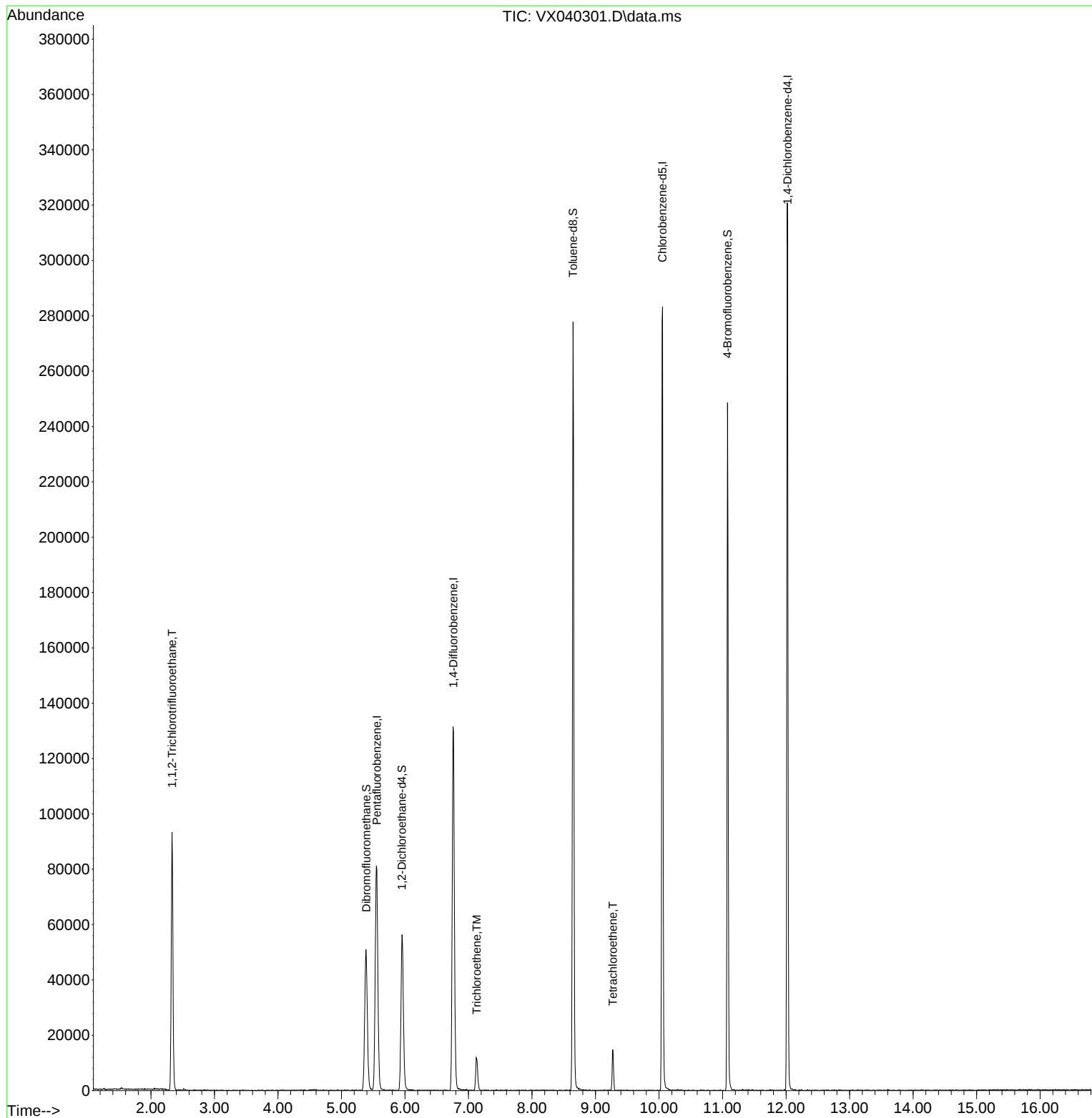
Internal Standards						
1) Pentafluorobenzene	5.556	168	77470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53520	46.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.391	113	43920	46.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	162256	46.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	63882	44.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	36210	44.079	ug/l	97
44) Trichloroethene	7.129	130	4617	4.553	ug/l	100
64) Tetrachloroethene	9.275	164	2943	3.266	ug/l #	76

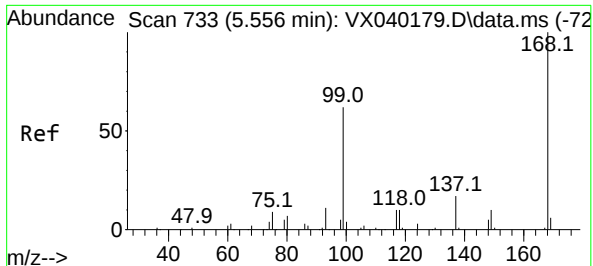
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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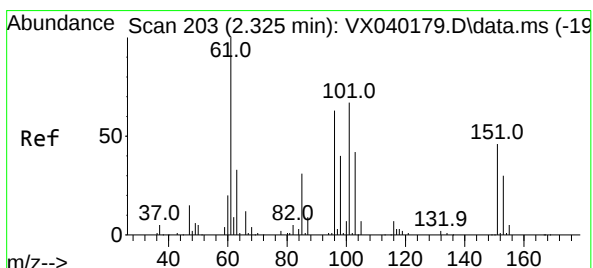
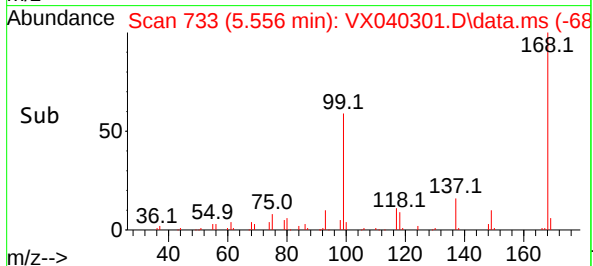
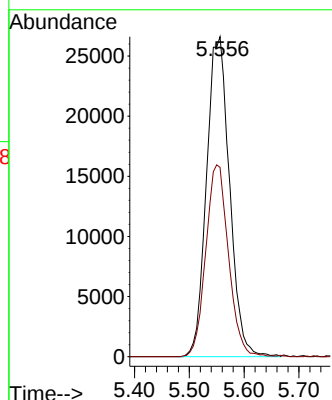
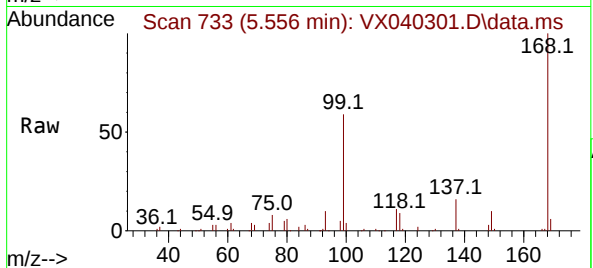




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

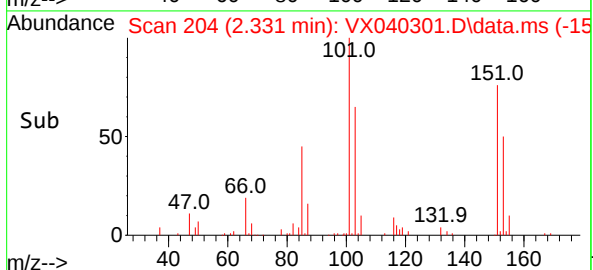
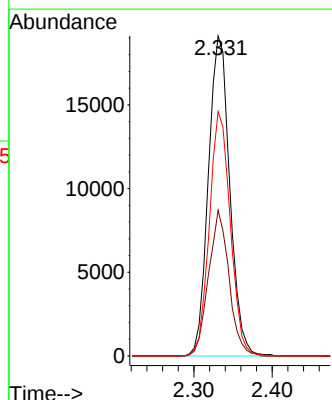
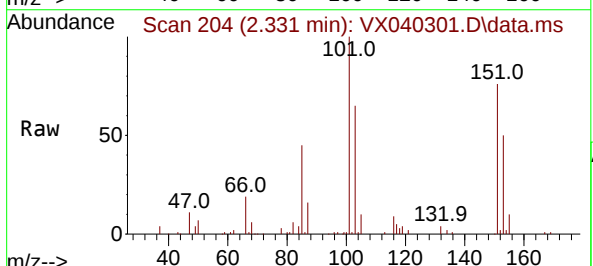
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20240214DL

Tgt Ion:168 Resp: 77470
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.079 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion:101 Resp: 36210
Ion Ratio Lower Upper
101 100
85 43.6 37.0 55.6
151 74.8 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 46.437 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040301.D

Acq: 17 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

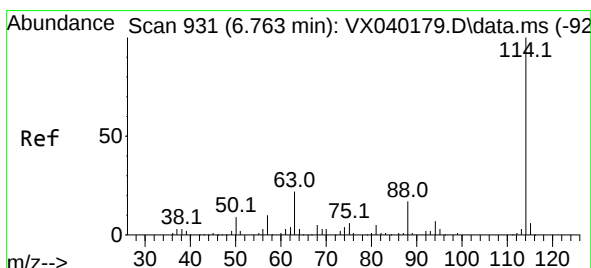
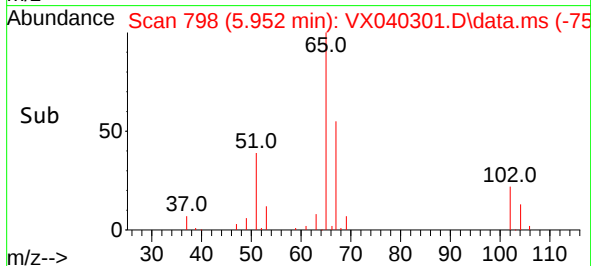
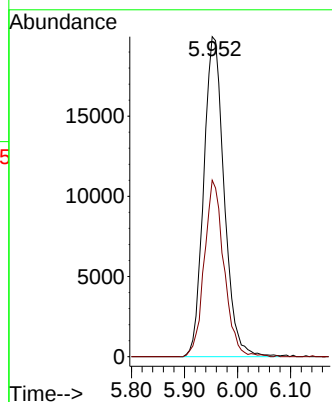
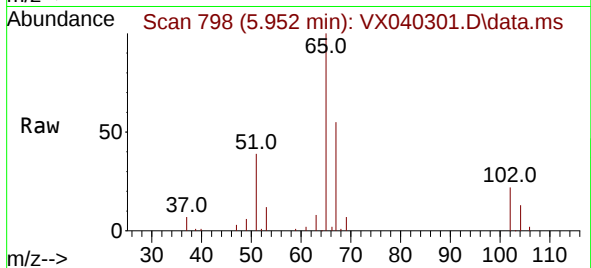
RE131D3-20240214DL

Tgt Ion: 65 Resp: 53520

Ion Ratio Lower Upper

65 100

67 53.0 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: VX040301.D

Acq: 17 Feb 2024 14:47

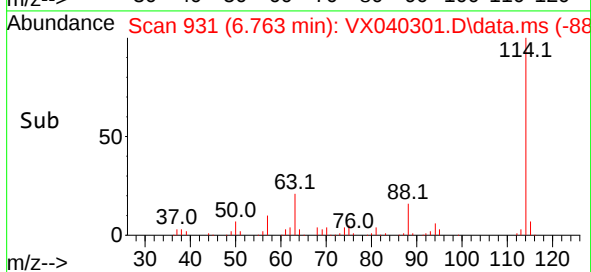
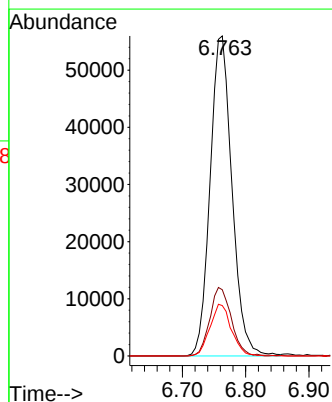
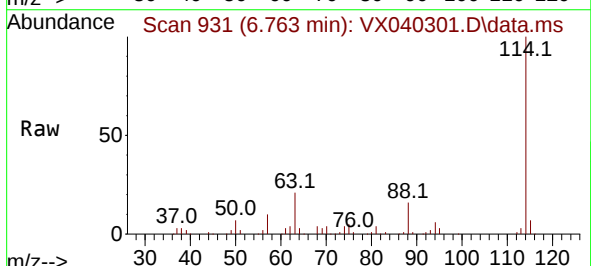
Tgt Ion: 114 Resp: 134389

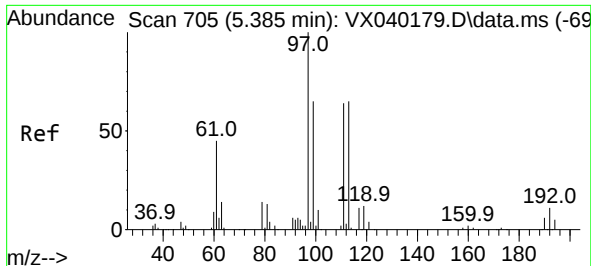
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.798 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040301.D

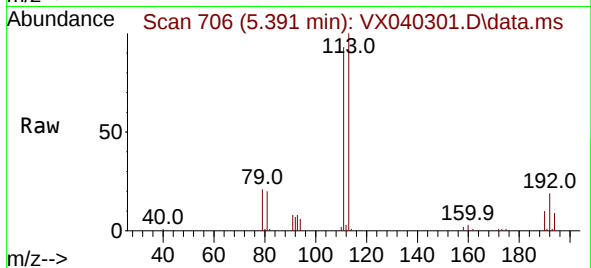
Acq: 17 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20240214DL



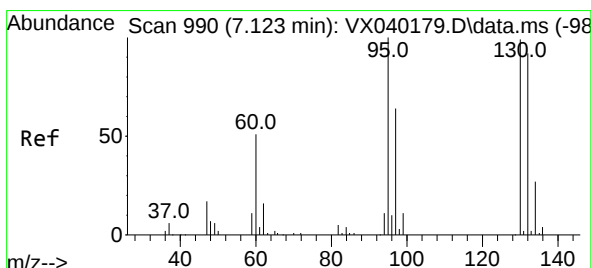
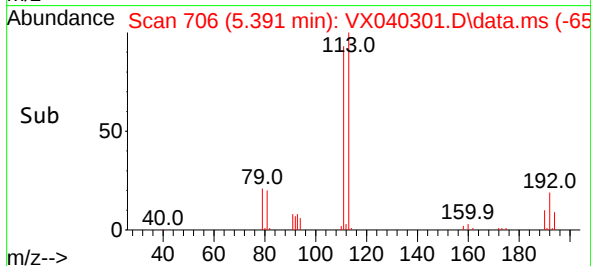
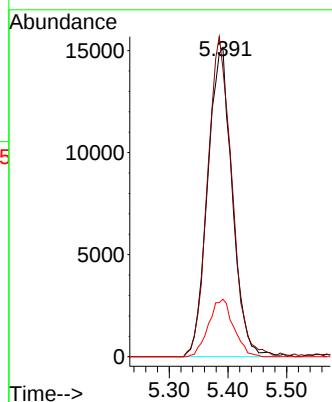
Tgt Ion:113 Resp: 43920

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 19.0 13.3 19.9



#44

Trichloroethene

Concen: 4.553 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040301.D

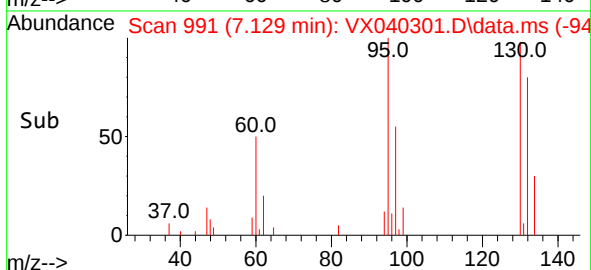
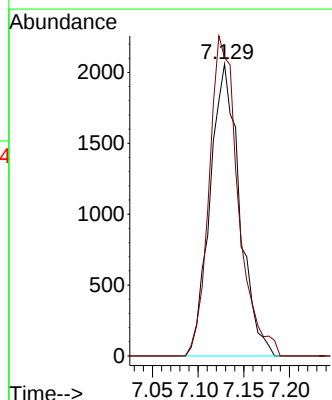
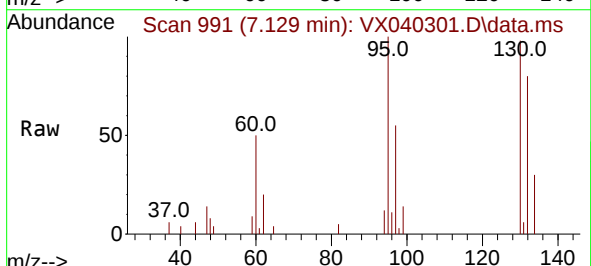
Acq: 17 Feb 2024 14:47

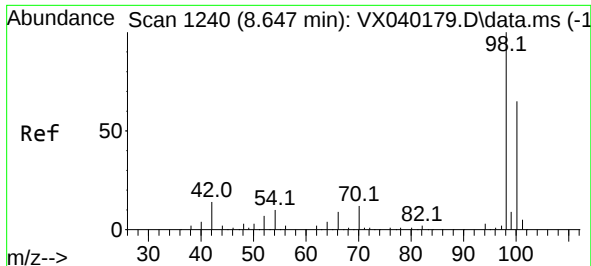
Tgt Ion:130 Resp: 4617

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.4

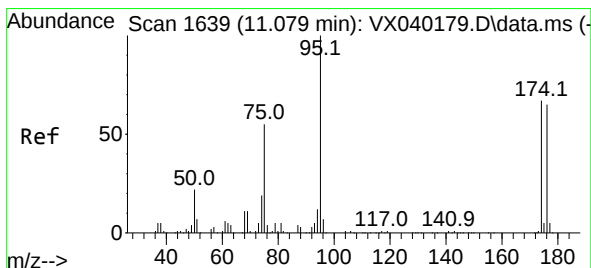
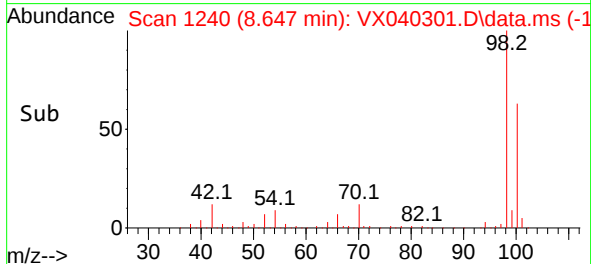
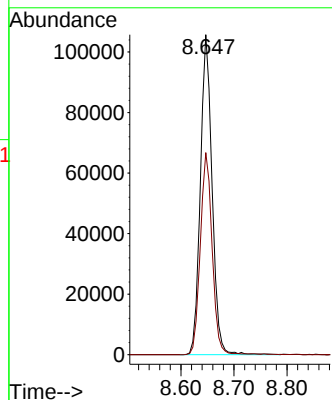
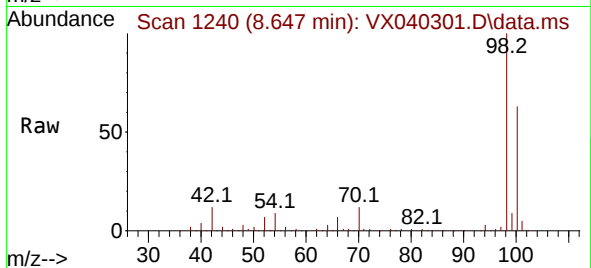




#50
Toluene-d8
Concen: 46.218 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

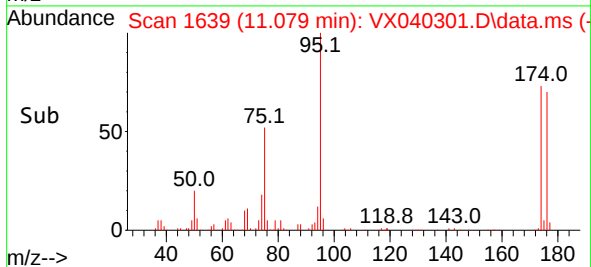
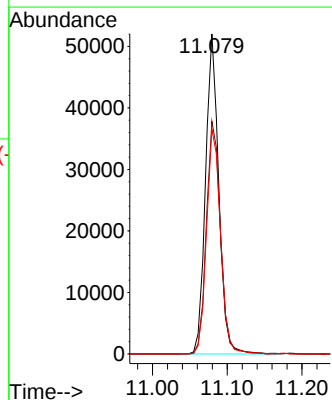
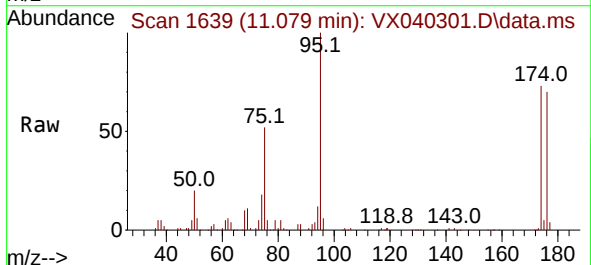
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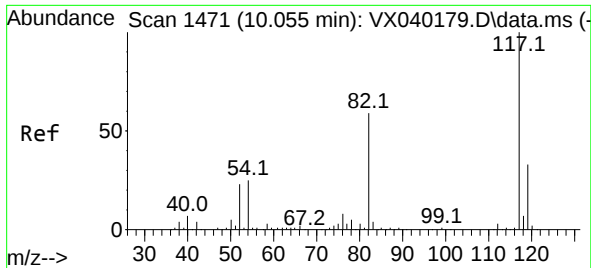
Tgt Ion: 98 Resp: 162256
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt Ion: 95 Resp: 63882
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 74.1 0.0 131.0

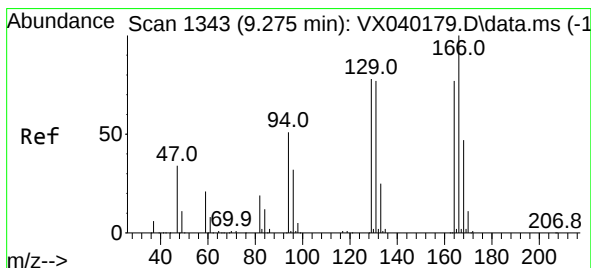
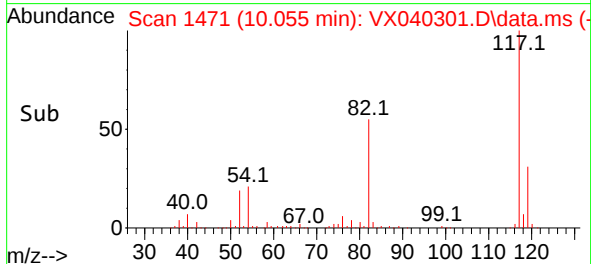
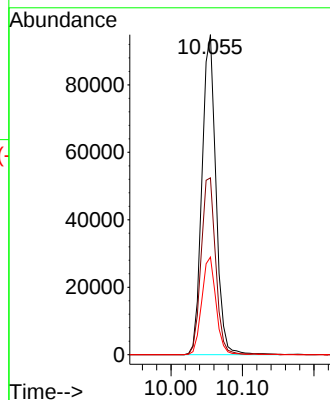
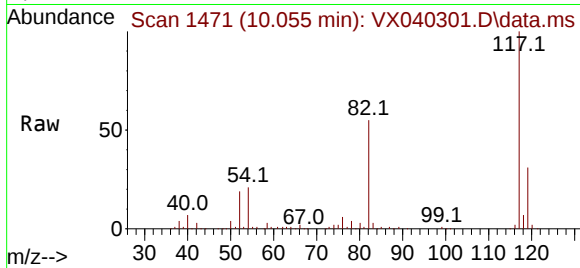




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

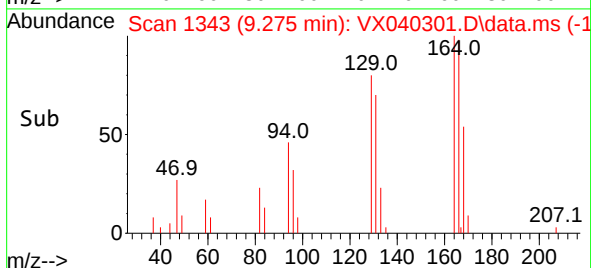
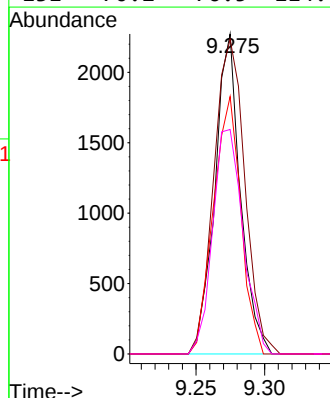
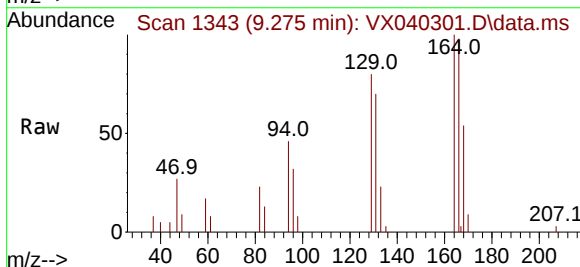
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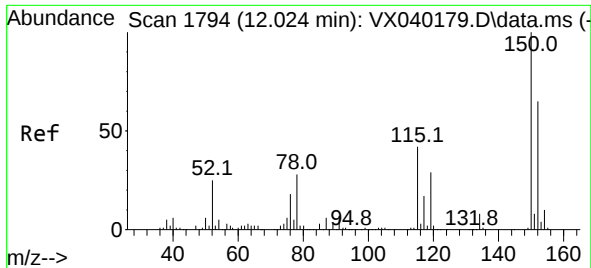
Tgt Ion:117	Resp:	128600	
Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.2	69.4
119	30.5	25.5	38.3



#64
Tetrachloroethene
Concen: 3.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040301.D
Acq: 17 Feb 2024 14:47

Tgt	Ion:164	Resp:	2943
Ion	Ratio	Lower	Upper
164	100		
166	98.4	102.7	154.1#
129	80.5	80.4	120.6
131	70.2	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: VX040301.D

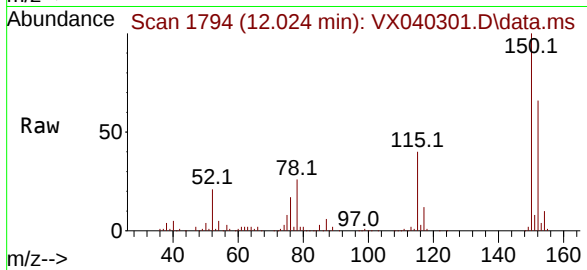
Acq: 17 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20240214DL



Tgt Ion:152 Resp: 66454

Ion Ratio Lower Upper

152 100

115 62.7 43.3 129.9

150 154.7 0.0 345.0

