

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038926.D
 Acq On : 18 Nov 2023 14:22
 Operator : JC/MD
 Sample : 05404-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20231109DL

Quant Time: Nov 20 04:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

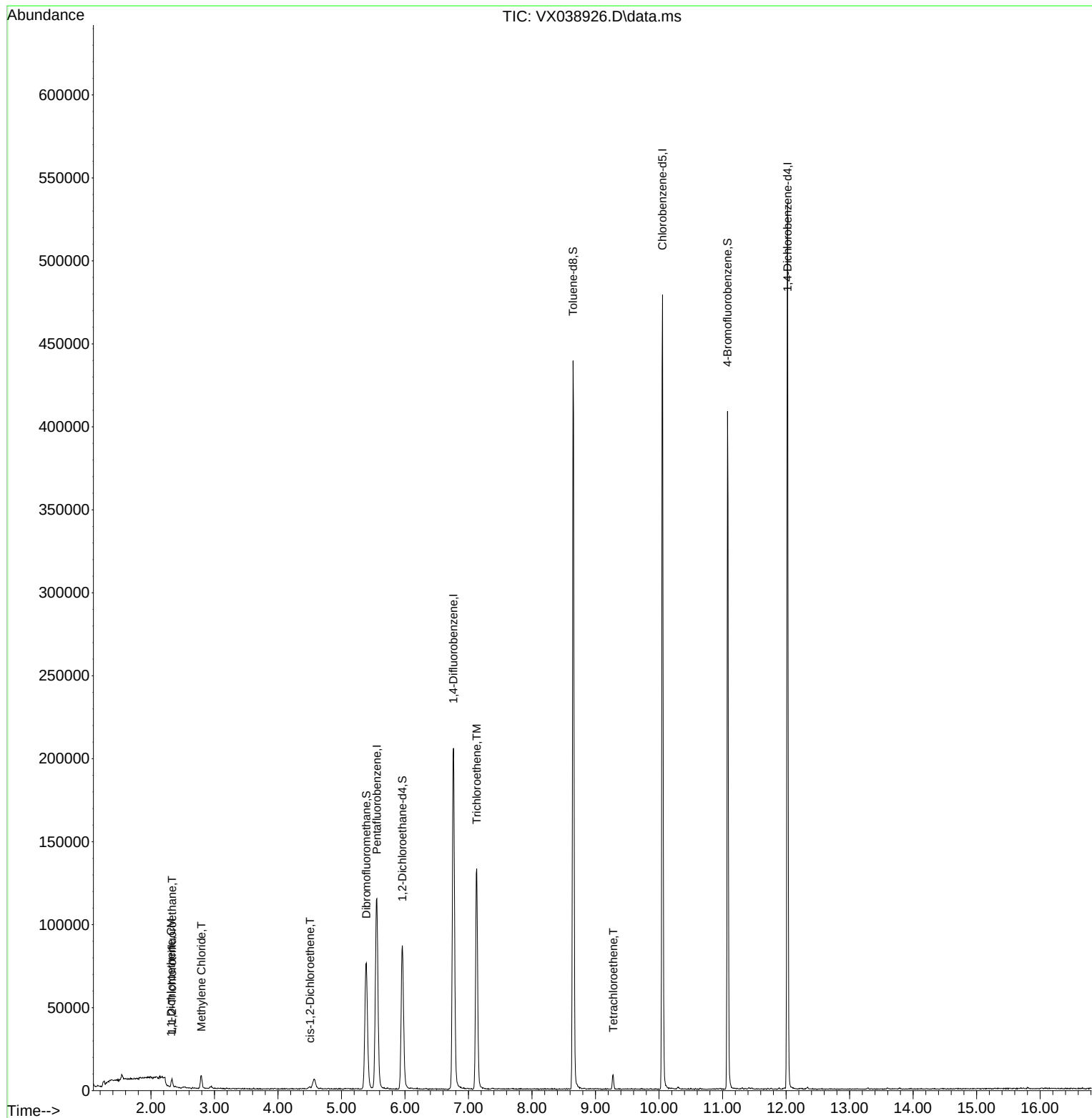
Internal Standards						
1) Pentafluorobenzene	5.556	168	104699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82938	49.161	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.320%		
35) Dibromofluoromethane	5.391	113	67908	44.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.000%		
50) Toluene-d8	8.647	98	263751	45.173	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.340%#		
62) 4-Bromofluorobenzene	11.079	95	113322	48.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1517	1.174	ug/l #	87
12) 1,1-Dichloroethene	2.318	96	505	0.387	ug/l #	80
20) Methylene Chloride	2.794	84	3795	2.344	ug/l #	93
27) cis-1,2-Dichloroethene	4.507	96	983	0.586	ug/l	78
44) Trichloroethene	7.129	130	49525	31.453	ug/l	96
64) Tetrachloroethene	9.281	164	1522	1.154	ug/l	97

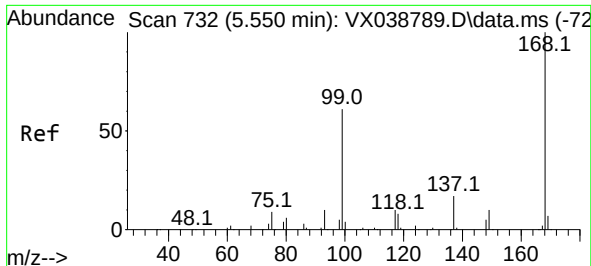
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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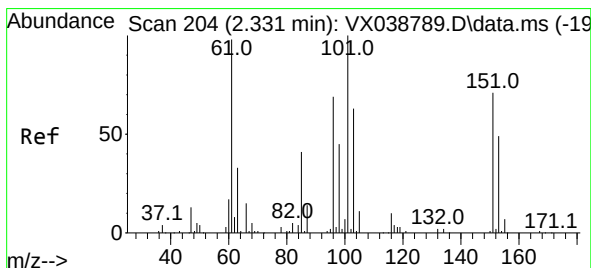
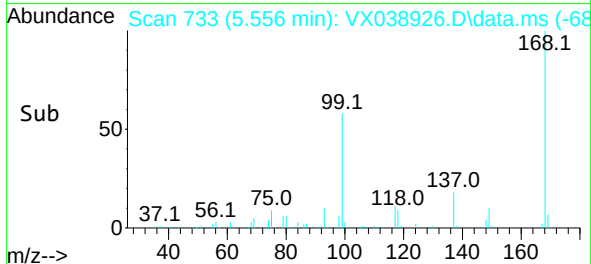
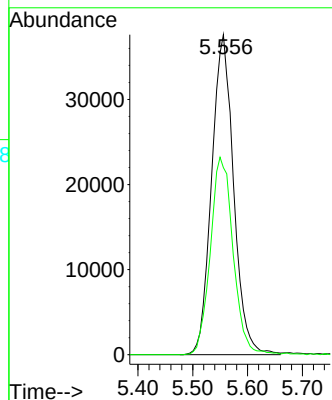
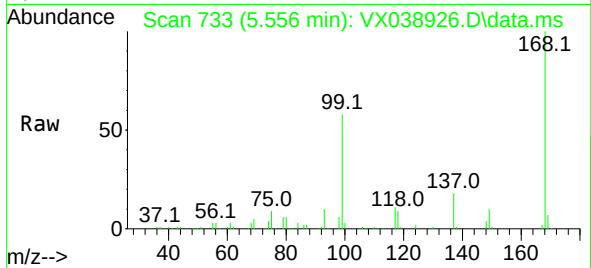




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

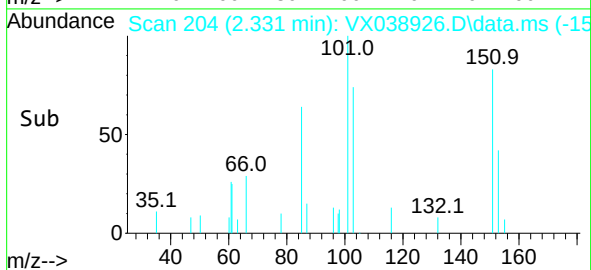
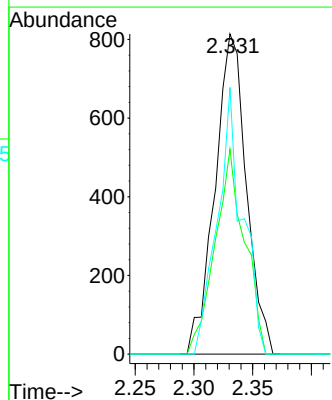
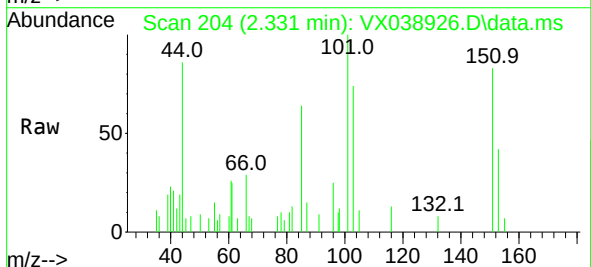
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

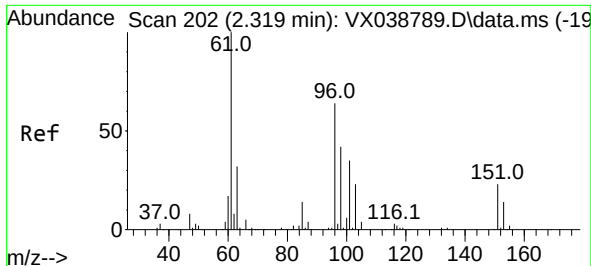
Tgt Ion:168 Resp: 104699
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.174 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:101 Resp: 1517
Ion Ratio Lower Upper
101 100
85 60.3 37.0 55.6#
151 66.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.387 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20231109DL

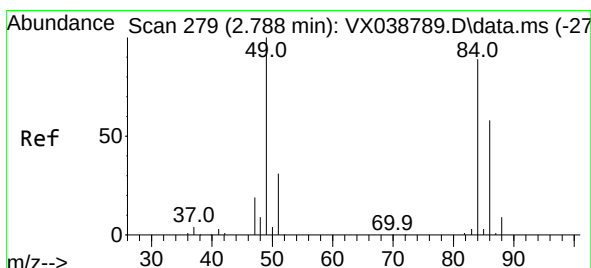
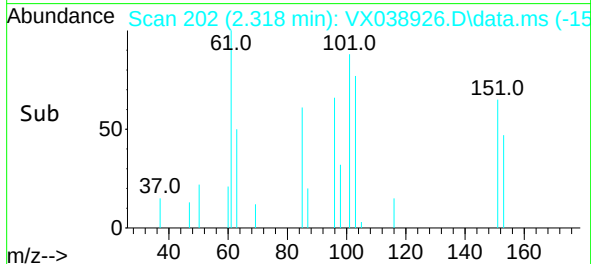
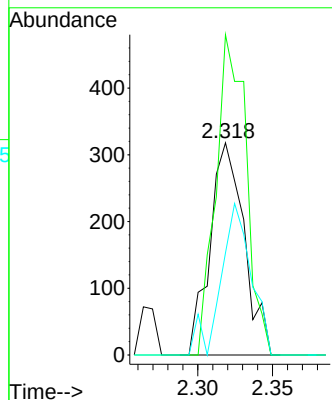
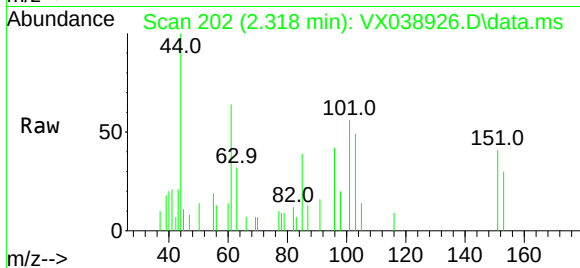
Tgt Ion: 96 Resp: 505

Ion Ratio Lower Upper

96 100

61 150.9 144.6 216.8

98 48.1 50.4 75.6#



#20

Methylene Chloride

Concen: 2.344 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Tgt Ion: 84 Resp: 3795

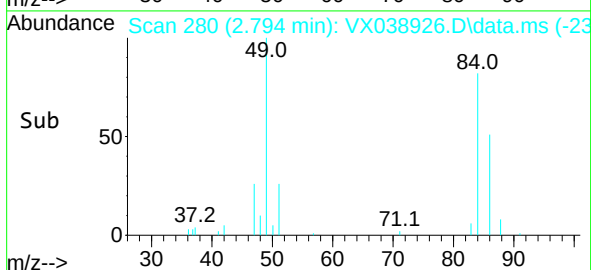
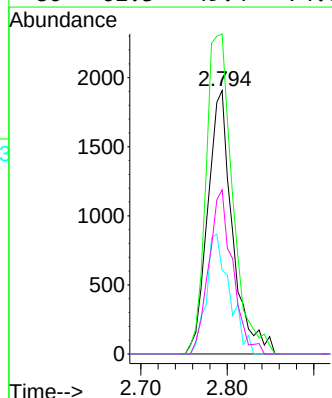
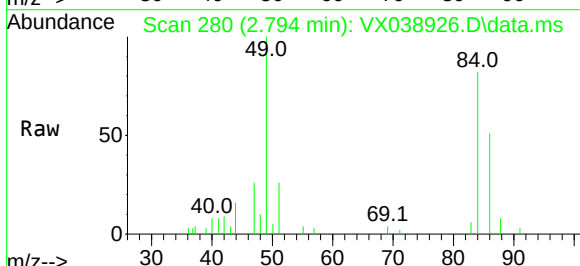
Ion Ratio Lower Upper

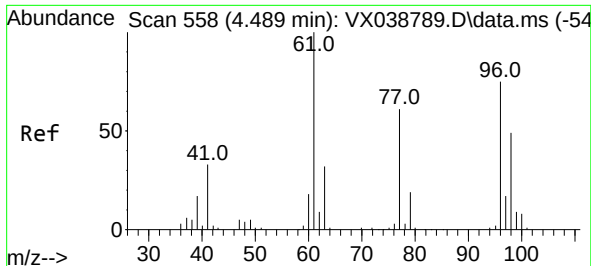
84 100

49 121.5 103.6 155.4

51 31.8 33.8 50.6#

86 62.3 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.586 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX038926.D

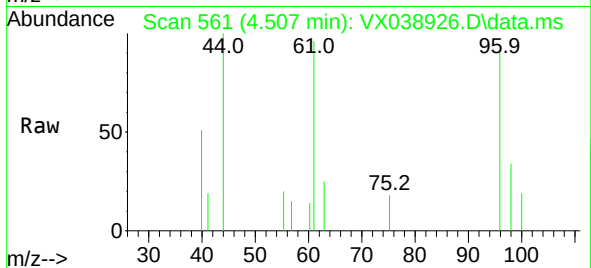
Acq: 18 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20231109DL



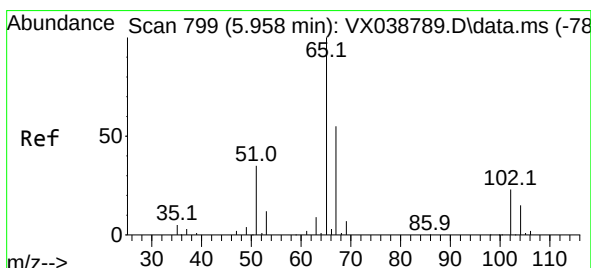
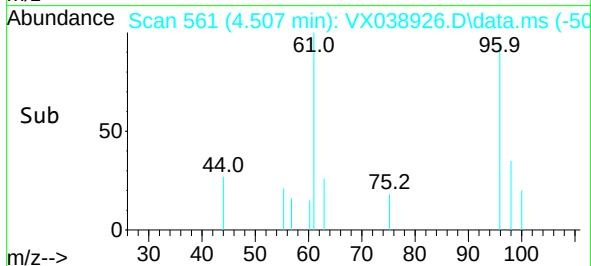
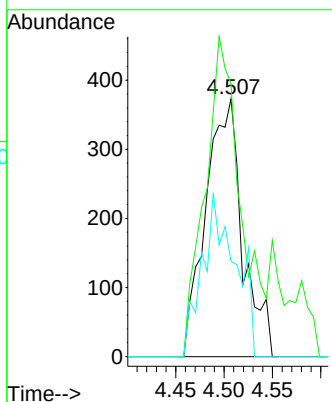
Tgt Ion: 96 Resp: 983

Ion Ratio Lower Upper

96 100

61 120.9 0.0 312.2

98 57.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038926.D

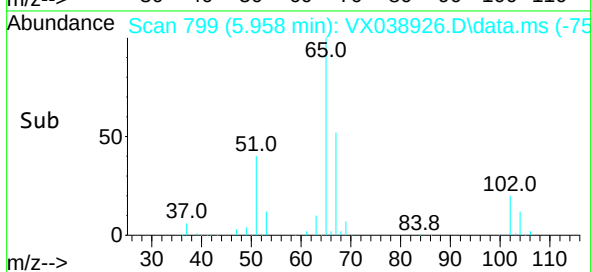
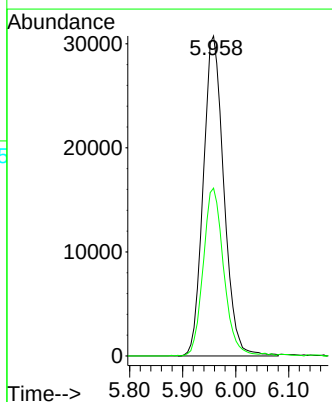
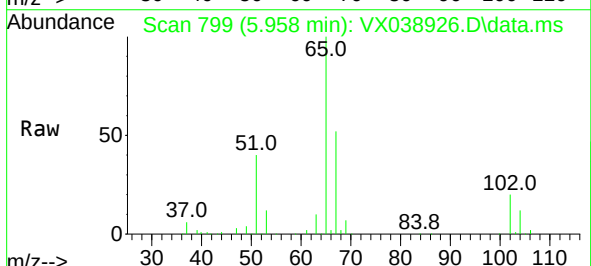
Acq: 18 Nov 2023 14:22

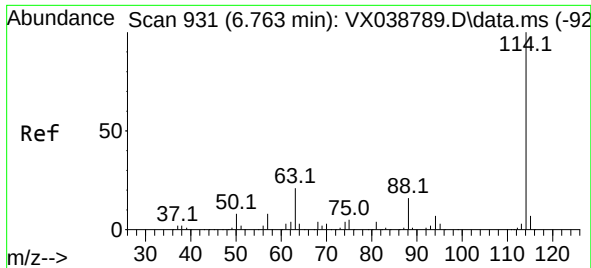
Tgt Ion: 65 Resp: 82938

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2

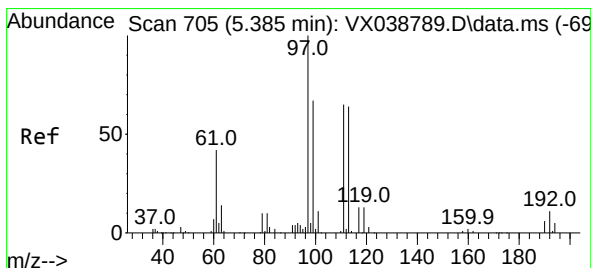
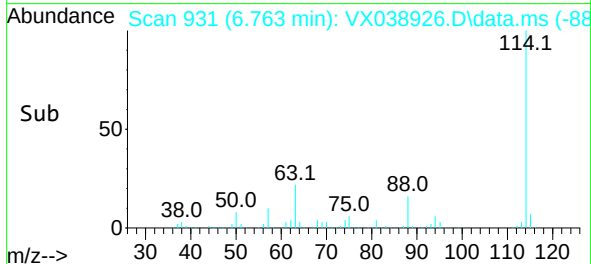
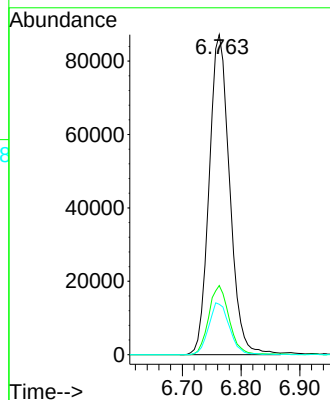
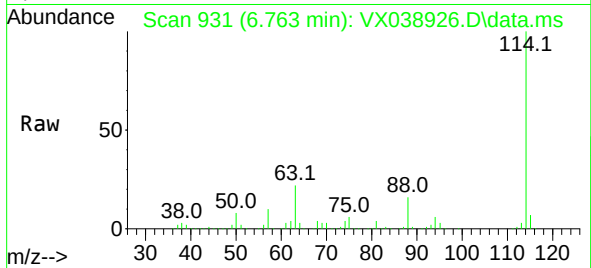




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

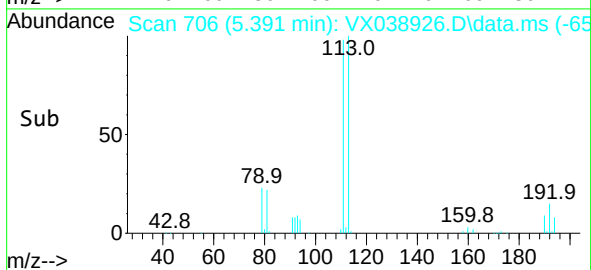
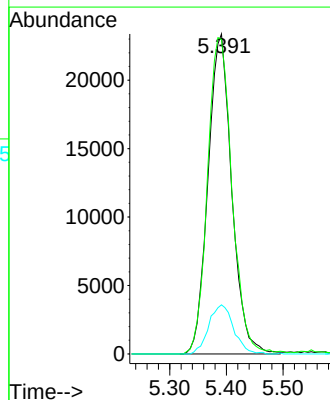
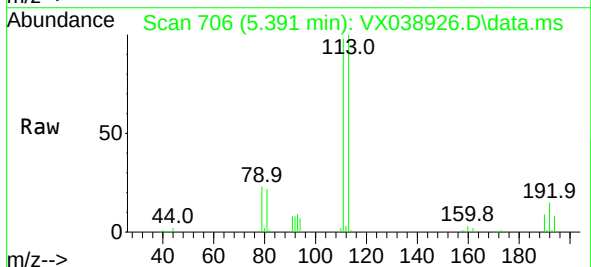
Instrument :
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ClientSampleId :
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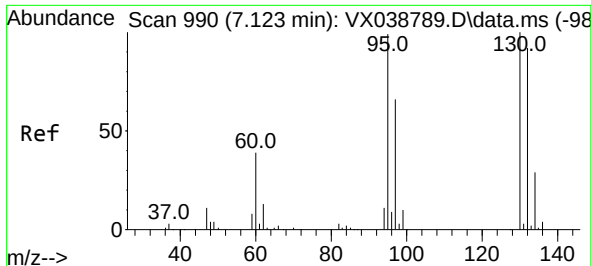
Tgt Ion:114 Resp: 211296
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.500 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:113 Resp: 67908
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.1 13.3 19.9

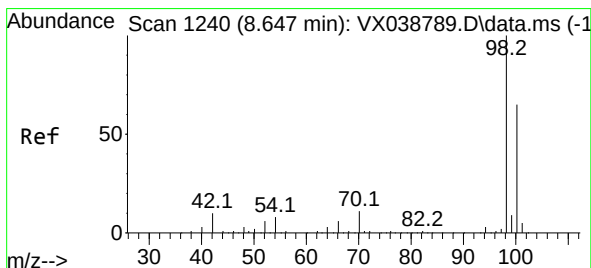
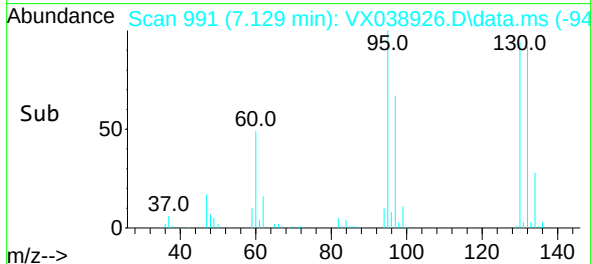
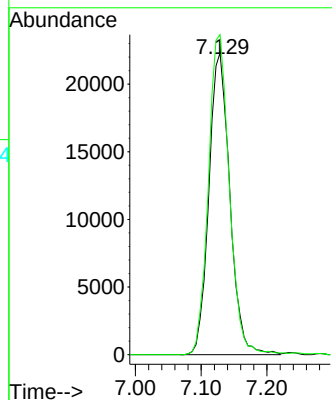
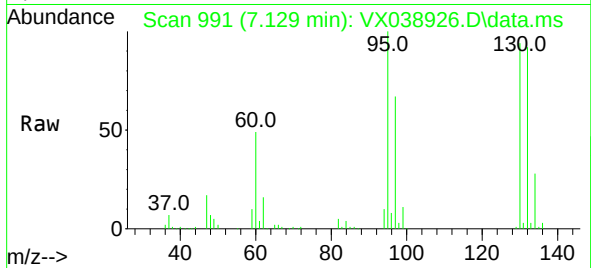




#44
Trichloroethene
Concen: 31.453 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

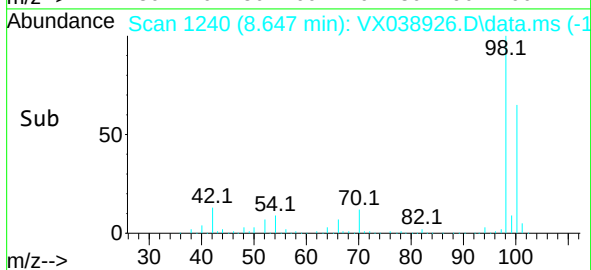
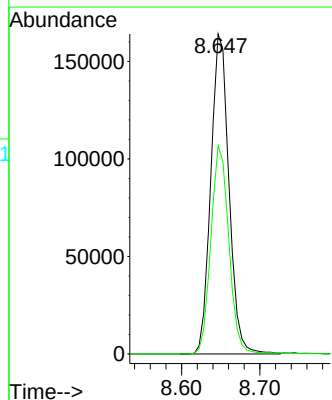
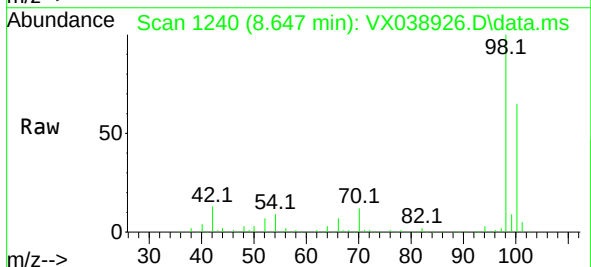
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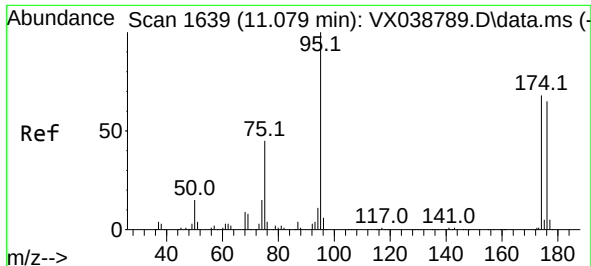
Tgt Ion:130 Resp: 49525
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4



#50
Toluene-d8
Concen: 45.173 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 98 Resp: 263751
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

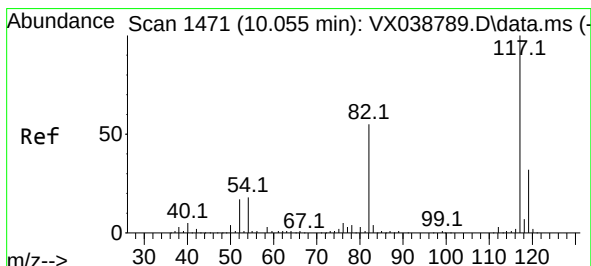
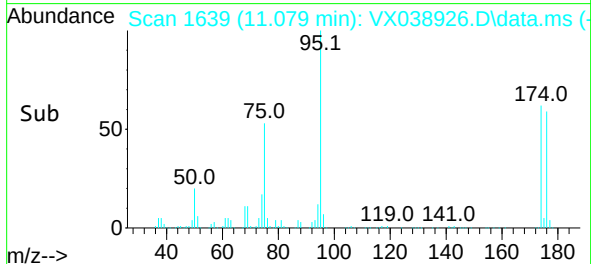
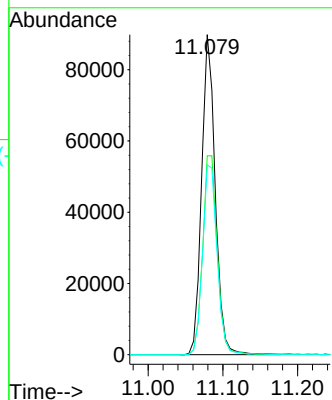
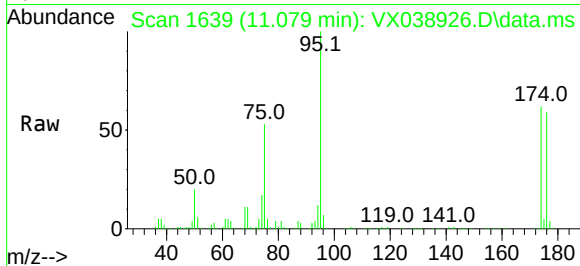




#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

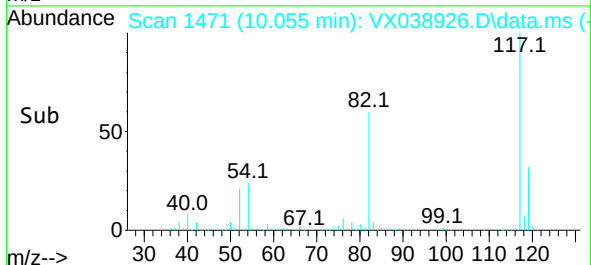
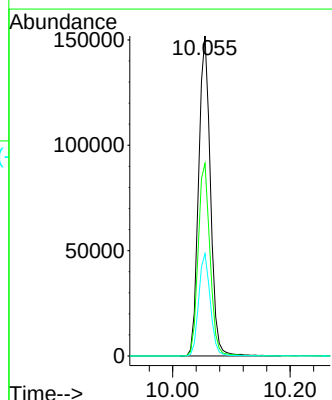
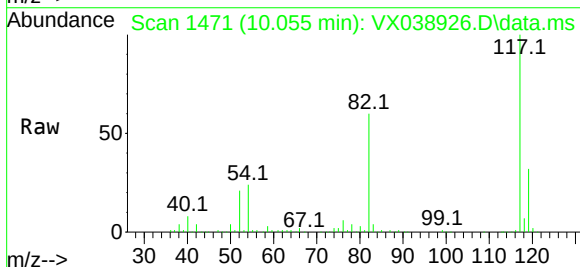
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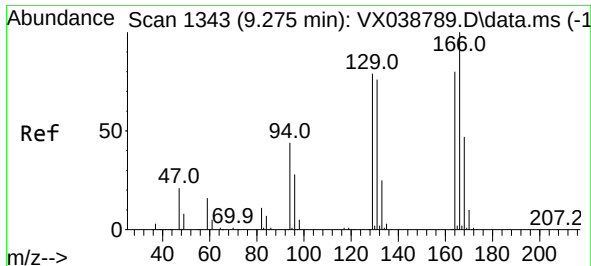
Tgt Ion: 95 Resp: 113322
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 117 Resp: 212125
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.0 25.5 38.3



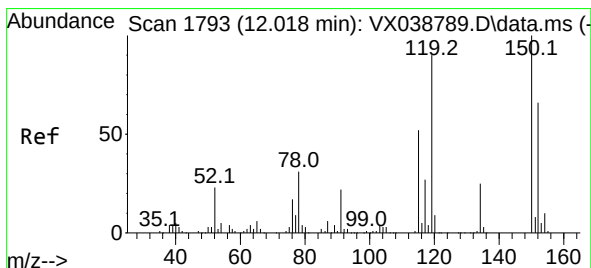
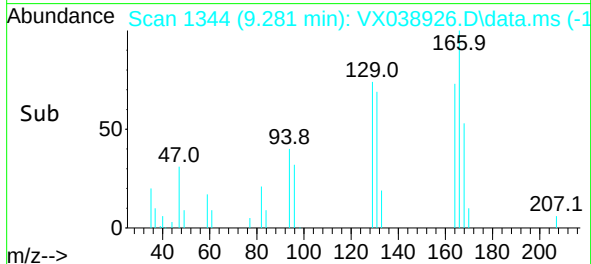
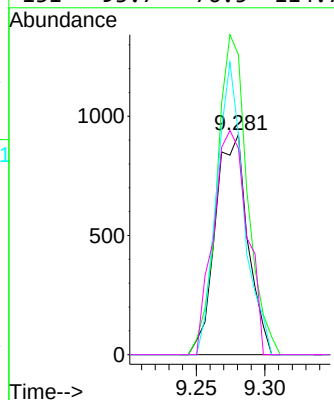
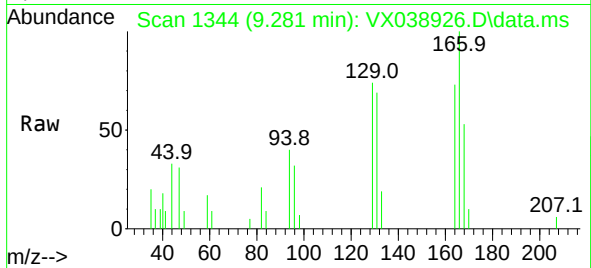


#64
Tetrachloroethene
Concen: 1.154 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

Tgt Ion:164 Resp: 1522

Ion	Ratio	Lower	Upper
164	100		
166	136.1	102.7	154.1
129	100.1	80.4	120.6
131	93.7	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:152 Resp: 103997

Ion	Ratio	Lower	Upper
152	100		
115	65.3	43.3	129.9
150	158.2	0.0	345.0

