

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038907.D
 Acq On : 18 Nov 2023 04:21
 Operator : JC/MD
 Sample : 05404-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20231109

Quant Time: Nov 20 00:32:04 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)

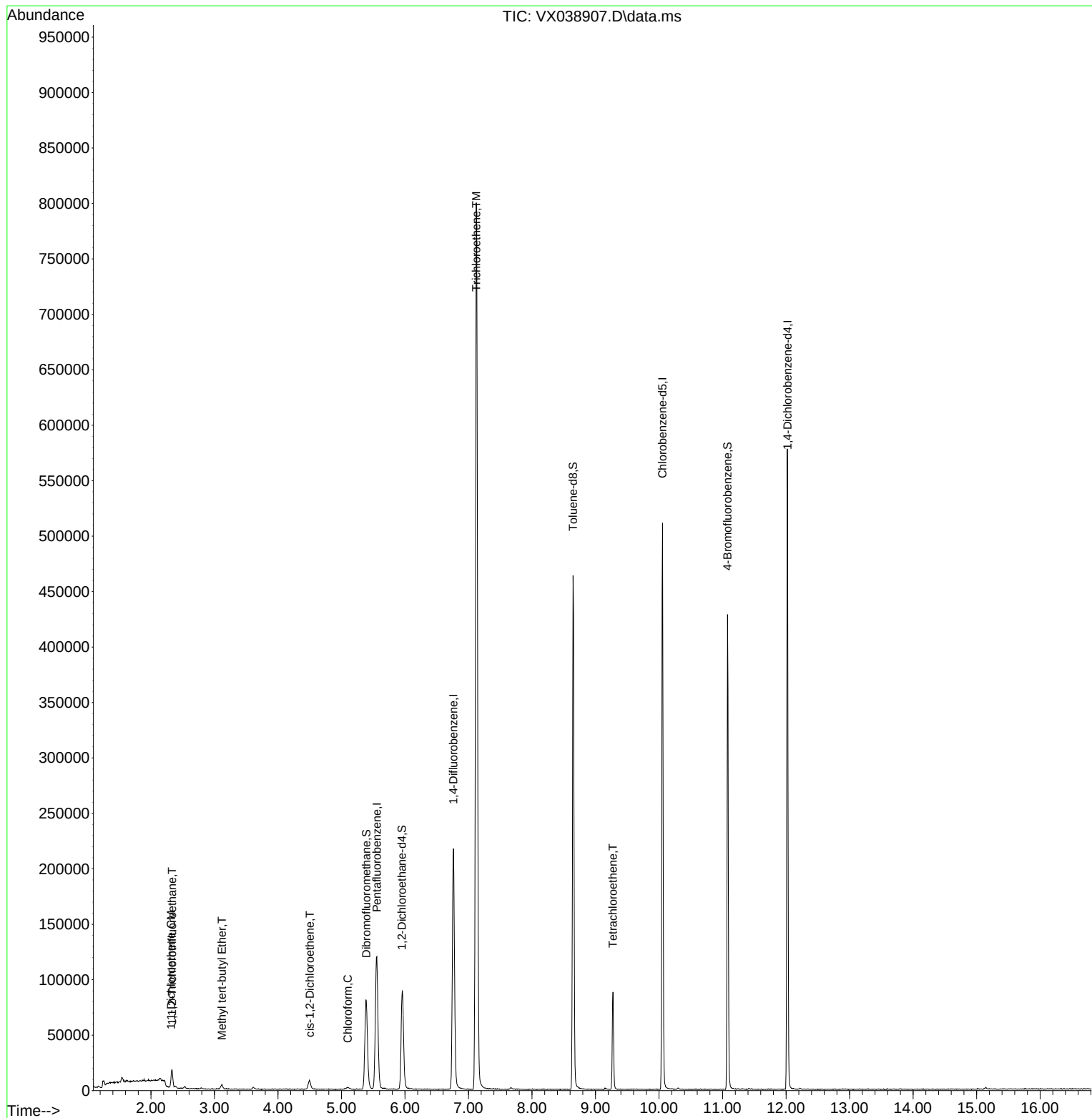
Internal Standards						
1) Pentafluorobenzene	5.556	168	109008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85541	48.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.391	113	71393	44.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.820%
50) Toluene-d8	8.647	98	278749	45.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.640%#
62) 4-Bromofluorobenzene	11.079	95	117405	47.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	5433	4.037	ug/l	92
12) 1,1-Dichloroethene	2.319	96	1669	1.228	ug/l	81
19) Methyl tert-butyl Ether	3.117	73	3958	0.828	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	5011	2.868	ug/l	81
30) Chloroform	5.099	83	2191	0.804	ug/l	94
44) Trichloroethene	7.123	130	299036	180.291	ug/l	94
64) Tetrachloroethene	9.275	164	14595	10.506	ug/l	91

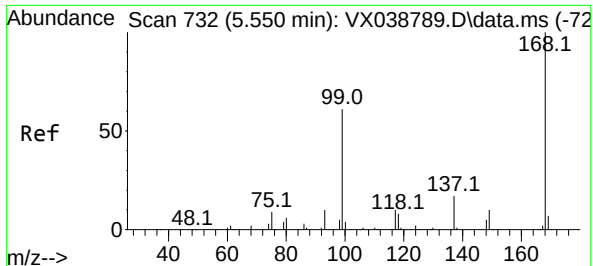
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

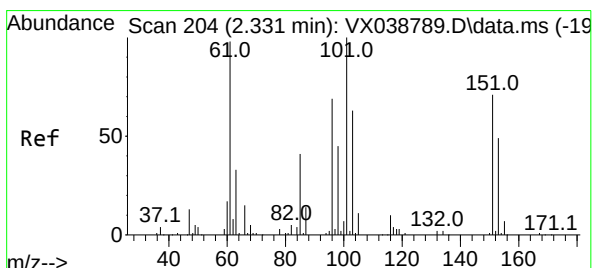
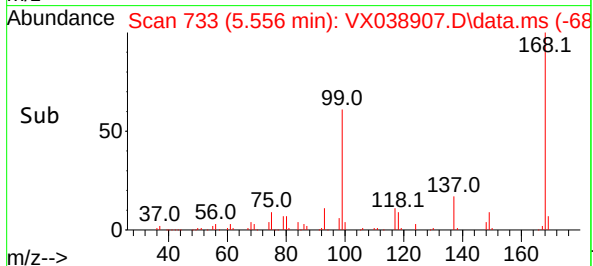
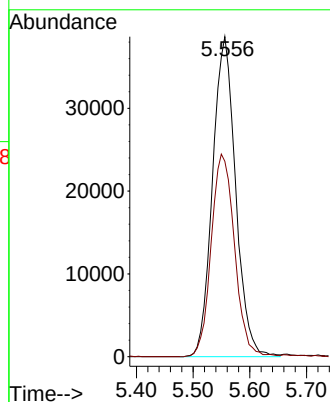
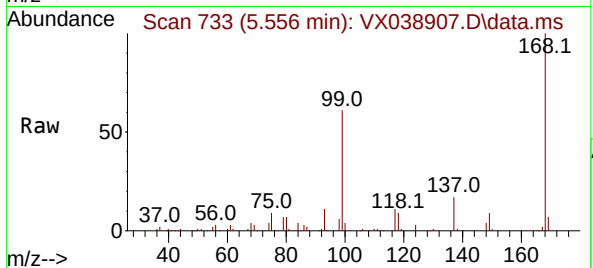




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

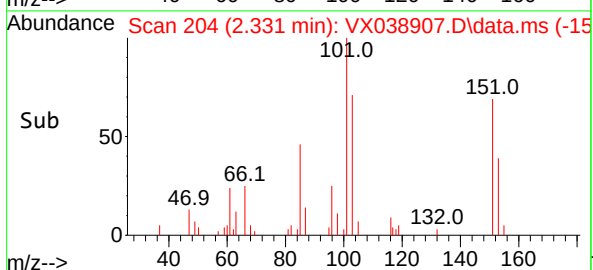
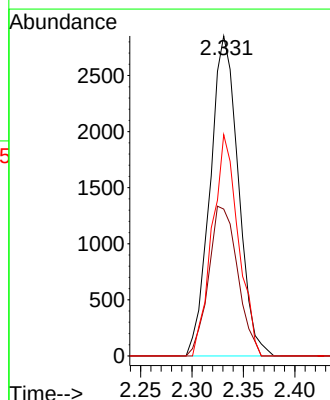
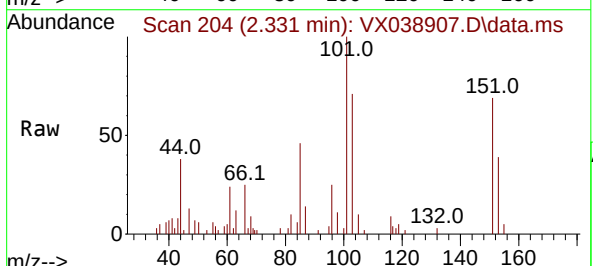
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

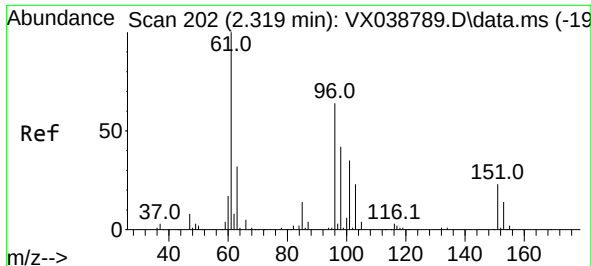
Tgt Ion:168 Resp: 109008
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.037 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion:101 Resp: 5433
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 64.3 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.228 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20231109

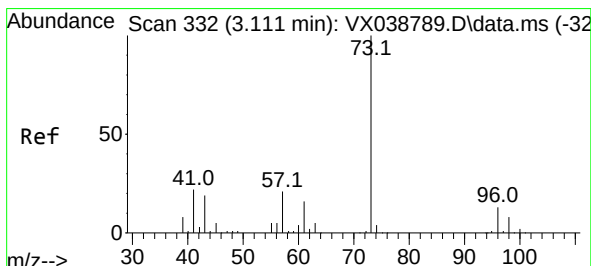
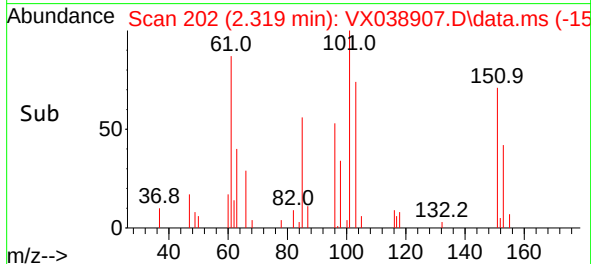
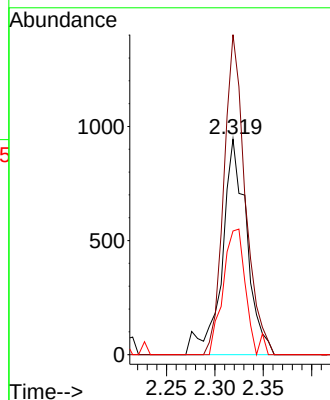
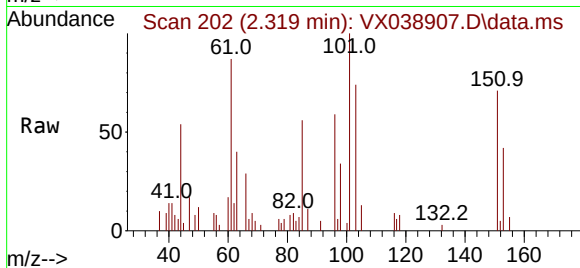
Tgt Ion: 96 Resp: 1669

Ion Ratio Lower Upper

96 100

61 148.5 144.6 216.8

98 57.4 50.4 75.6



#19

Methyl tert-butyl Ether

Concen: 0.828 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX038907.D

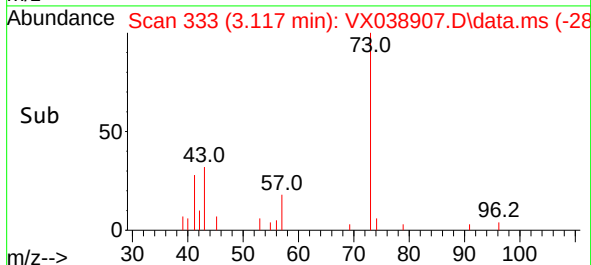
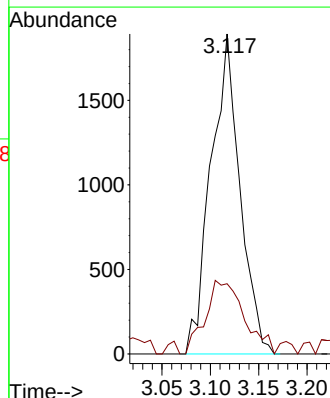
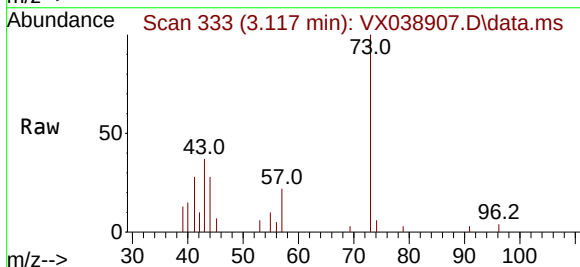
Acq: 18 Nov 2023 04:21

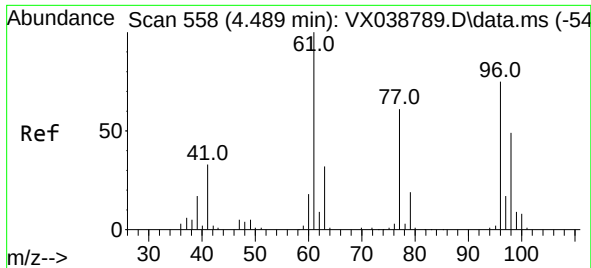
Tgt Ion: 73 Resp: 3958

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



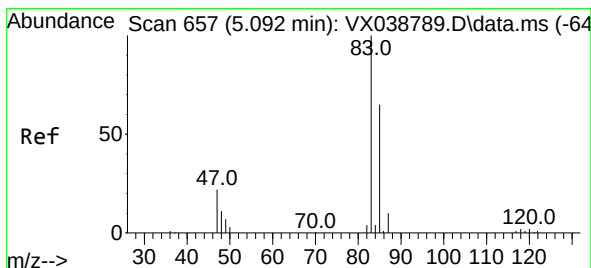
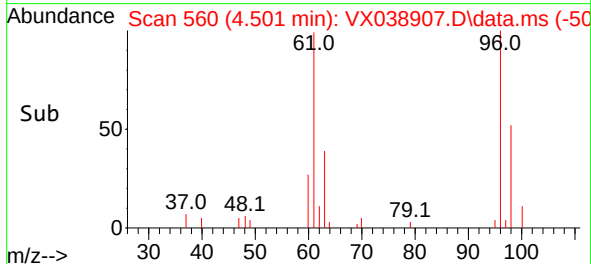
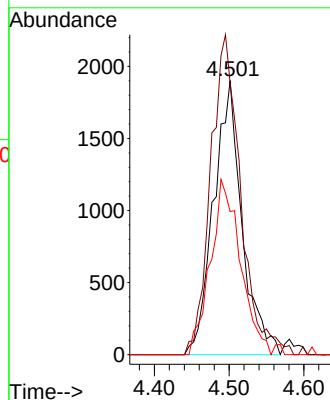
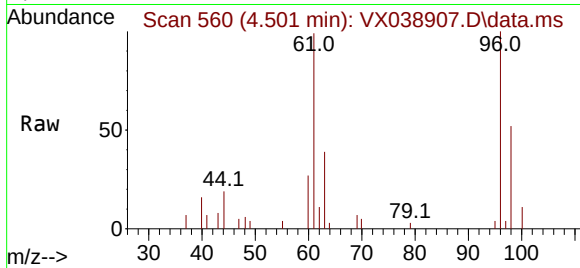


#27
 cis-1,2-Dichloroethene
 Concen: 2.868 ug/l
 RT: 4.501 min Scan# 501
 Delta R.T. 0.012 min
 Lab File: VX038907.D
 Acq: 18 Nov 2023 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20231109

Tgt Ion: 96 Resp: 5011

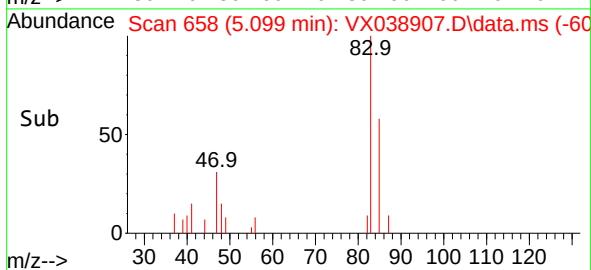
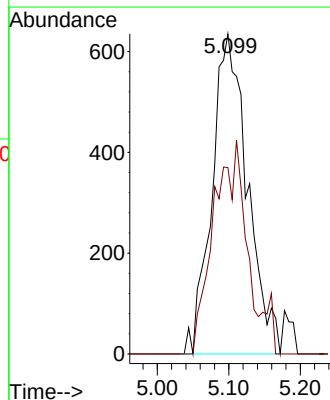
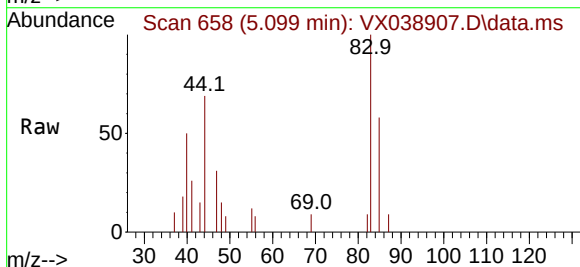
Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	312.2
98	67.7	0.0	129.0

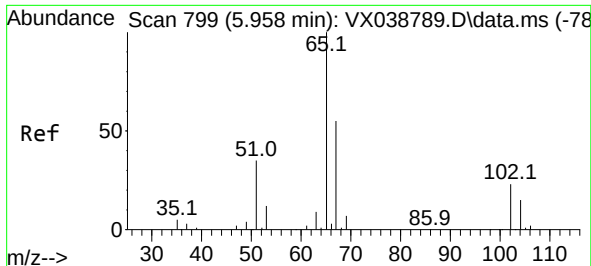


#30
 Chloroform
 Concen: 0.804 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX038907.D
 Acq: 18 Nov 2023 04:21

Tgt Ion: 83 Resp: 2191

Ion	Ratio	Lower	Upper
83	100		
85	58.3	50.3	75.5





#33

1,2-Dichloroethane-d4

Concen: 48.700 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

Instrument :

MSVOA_X

ClientSampleId :

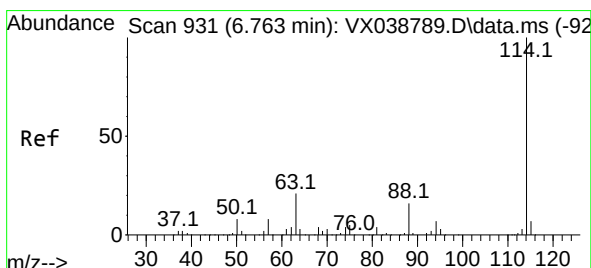
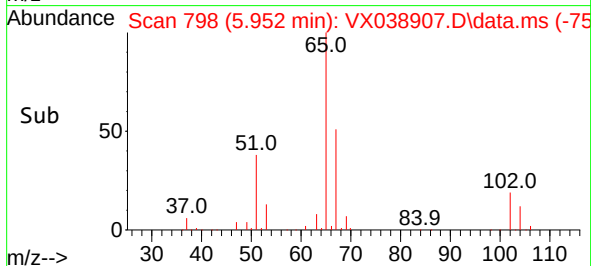
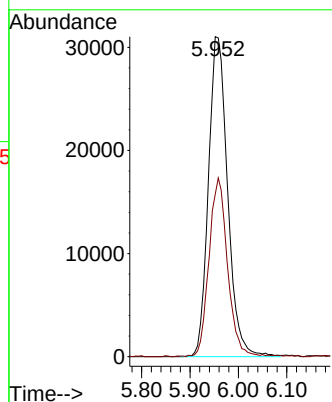
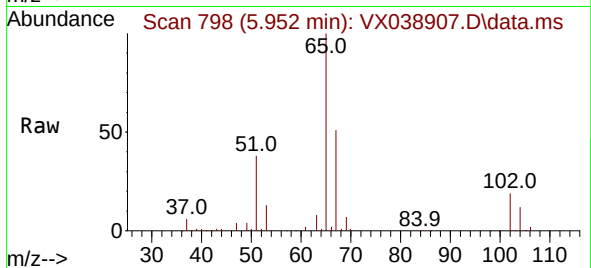
RE125D1-20231109

Tgt Ion: 65 Resp: 85541

Ion Ratio Lower Upper

65 100

67 54.3 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: VX038907.D

Acq: 18 Nov 2023 04:21

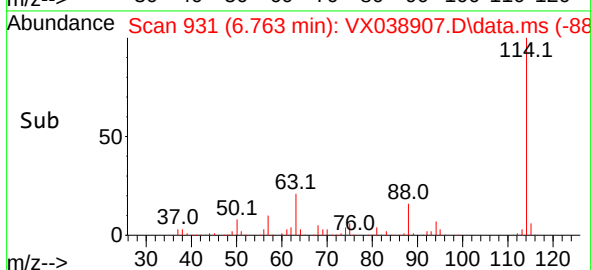
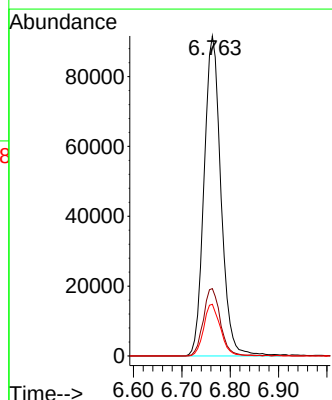
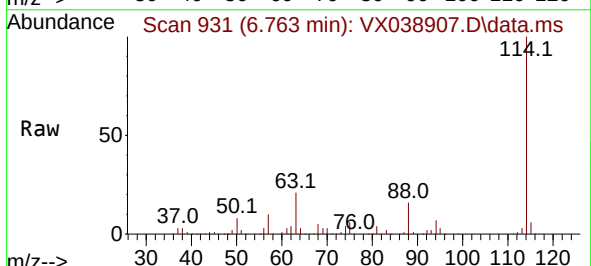
Tgt Ion: 114 Resp: 222573

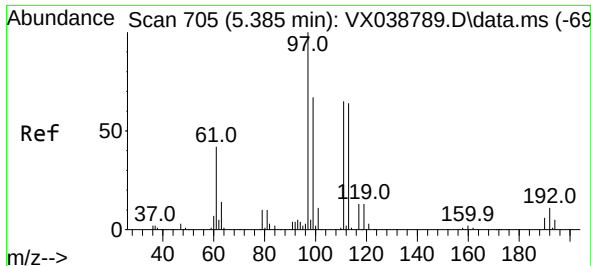
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.2 0.0 36.6

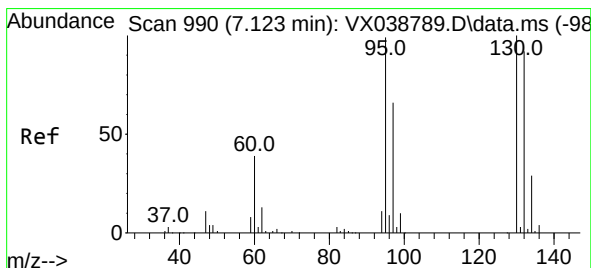
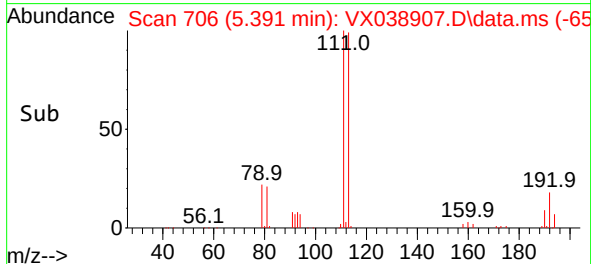
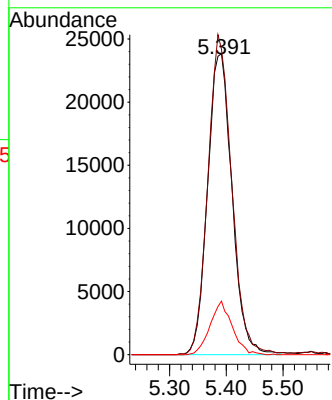
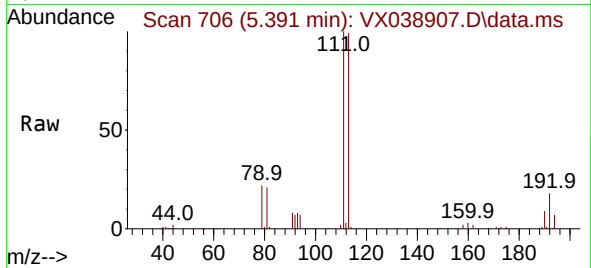




#35
Dibromofluoromethane
Concen: 44.413 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

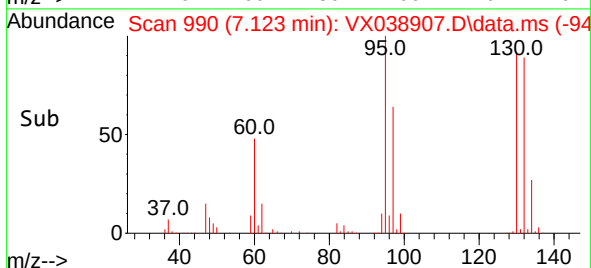
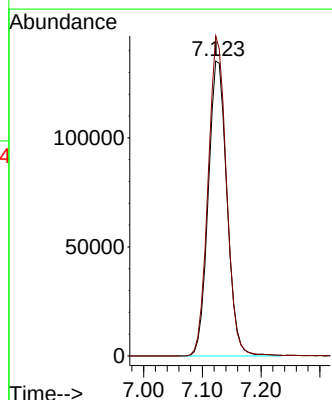
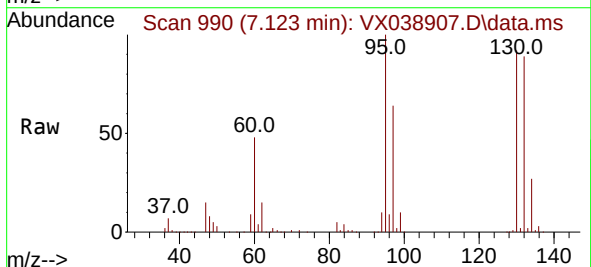
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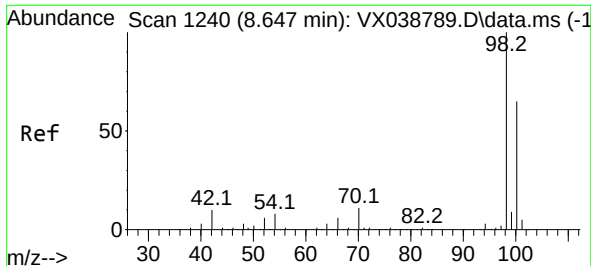
Tgt Ion:113 Resp: 71393
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.1 13.3 19.9



#44
Trichloroethene
Concen: 180.291 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion:130 Resp: 299036
Ion Ratio Lower Upper
130 100
95 108.5 0.0 204.4

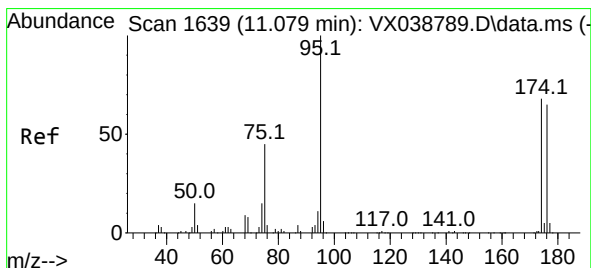
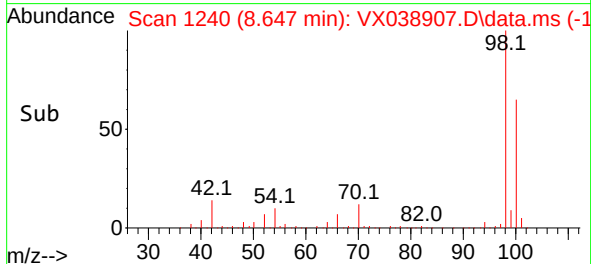
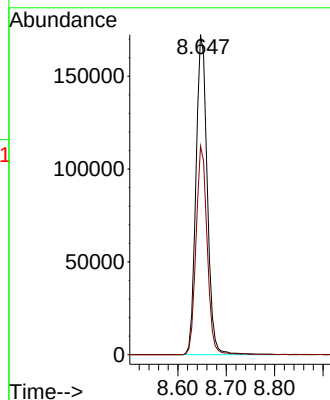
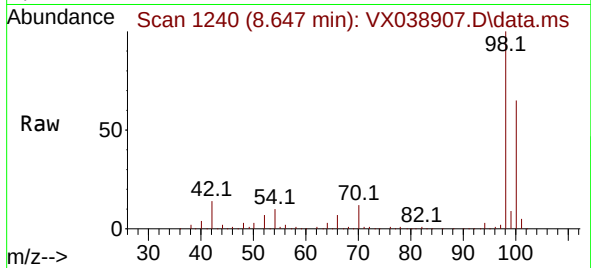




#50
Toluene-d8
Concen: 45.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

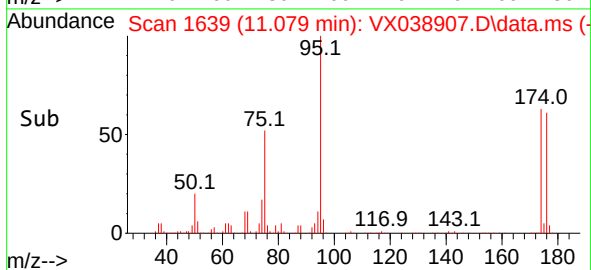
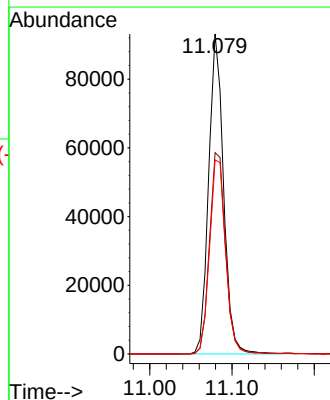
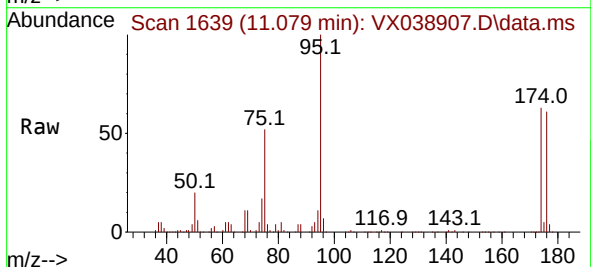
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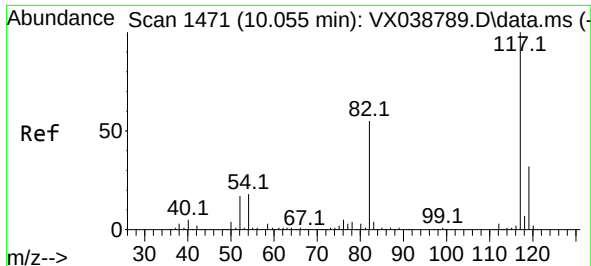
Tgt Ion: 98 Resp: 278749
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 95 Resp: 117405
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.6
176 65.4 0.0 131.0

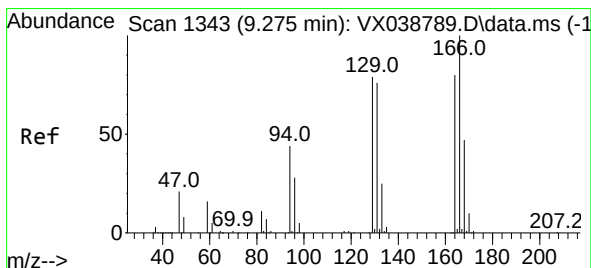
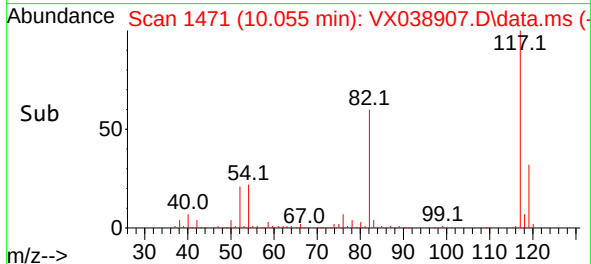
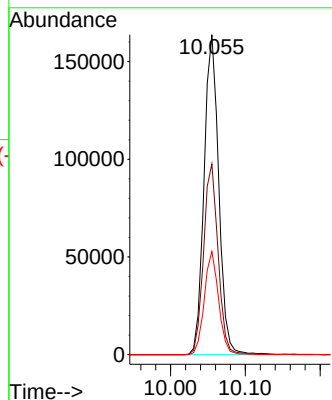
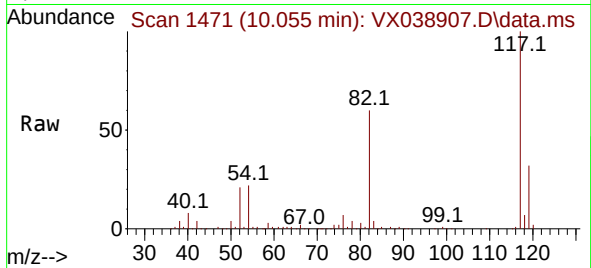




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

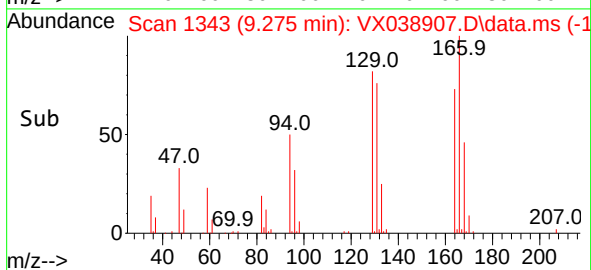
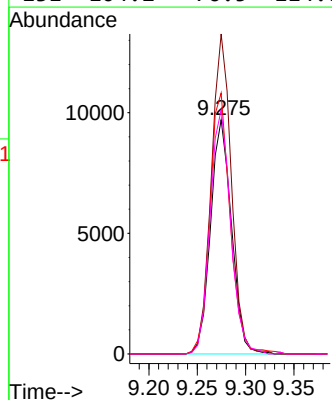
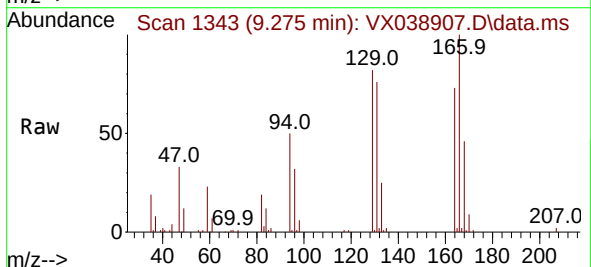
Instrument :
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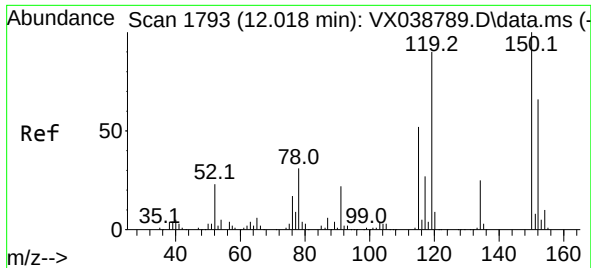
Tgt Ion:117 Resp: 223491
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 10.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

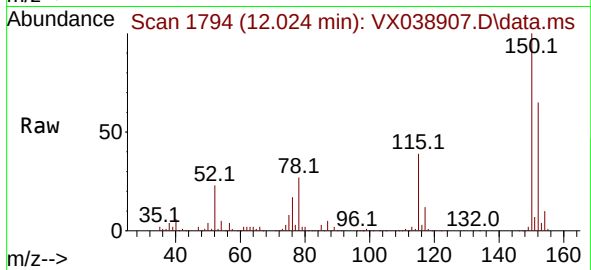
Tgt Ion:164 Resp: 14595
Ion Ratio Lower Upper
164 100
166 136.6 102.7 154.1
129 111.4 80.4 120.6
131 104.2 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038907.D
 Acq: 18 Nov 2023 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20231109



Tgt Ion:152 Resp: 112097
 Ion Ratio Lower Upper
 152 100
 115 65.3 43.3 129.9
 150 158.5 0.0 345.0

