

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038970.D
 Acq On : 20 Nov 2023 19:40
 Operator : JC/MD
 Sample : 05431-14 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20231113

Quant Time: Nov 21 00:26:05 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)

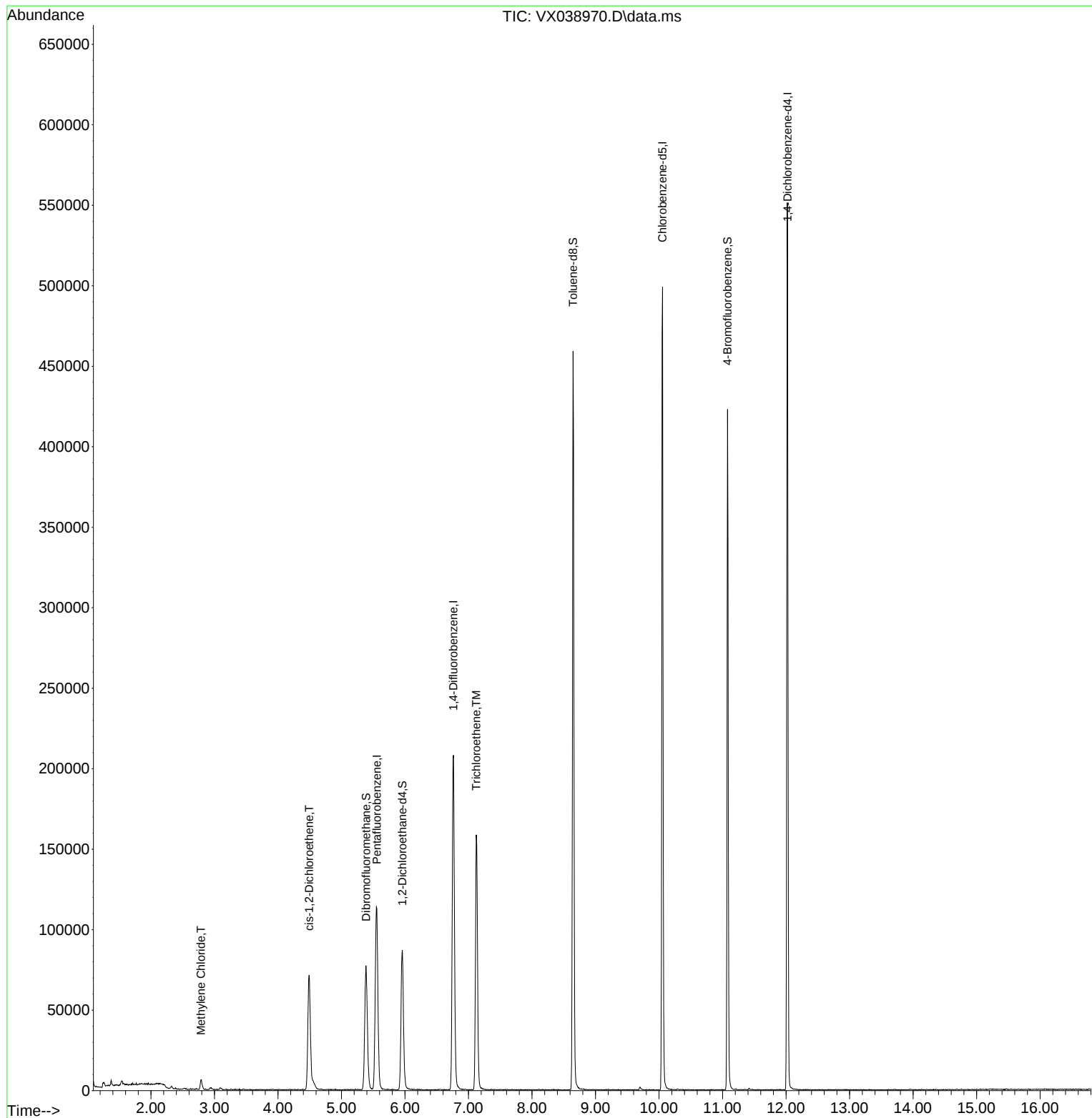
Internal Standards						
1) Pentafluorobenzene	5.556	168	101618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84294	51.480	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.385	113	67723	44.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.800%			
50) Toluene-d8	8.647	98	269851	46.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.520%			
62) 4-Bromofluorobenzene	11.079	95	114126	49.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.800%			
Target Compounds						
20) Methylene Chloride	2.788	84	3063	1.949	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	45076	27.671	ug/l	87
44) Trichloroethene	7.123	130	59942	38.515	ug/l	100

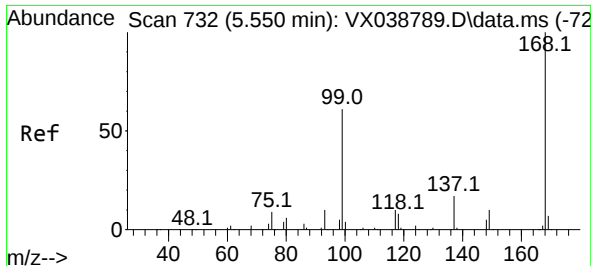
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

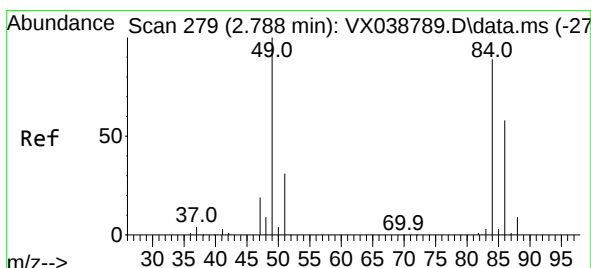
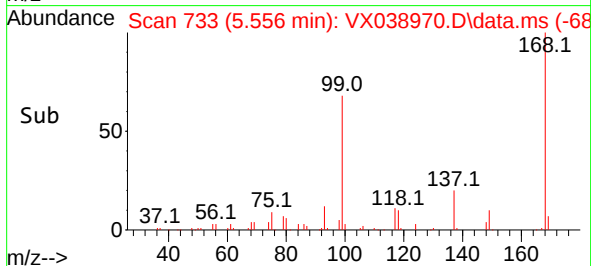
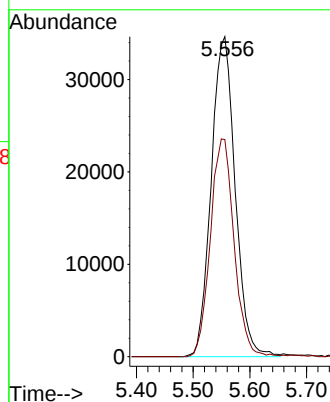
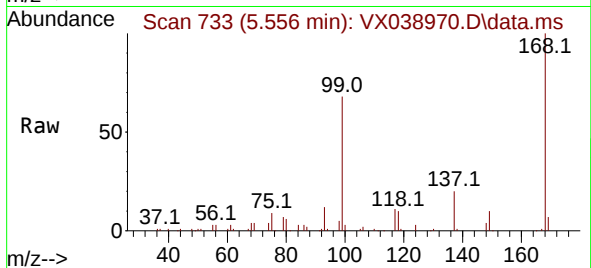
DUP-01-20231113

Tgt Ion:168 Resp: 101618

Ion Ratio Lower Upper

168 100

99 67.9 56.6 85.0



#20

Methylene Chloride

Concen: 1.949 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038970.D

Acq: 20 Nov 2023 19:40

Tgt Ion: 84 Resp: 3063

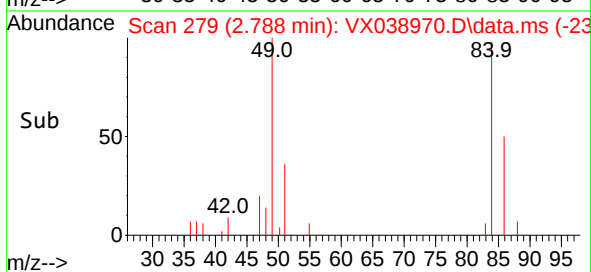
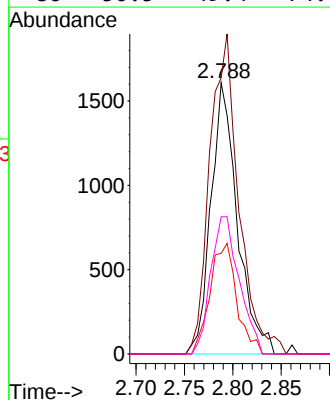
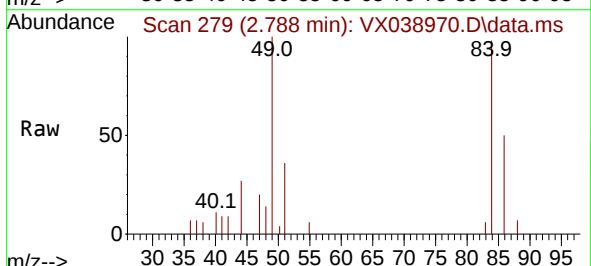
Ion Ratio Lower Upper

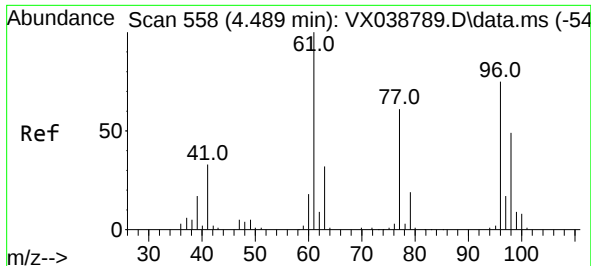
84 100

49 101.8 103.6 155.4#

51 37.1 33.8 50.6

86 50.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 27.671 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038970.D

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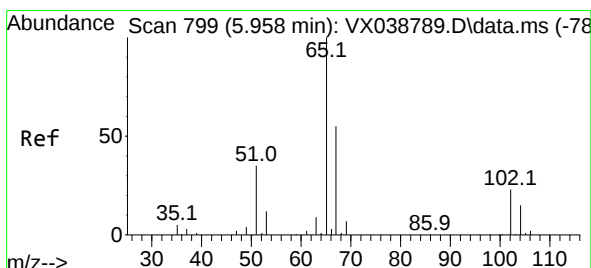
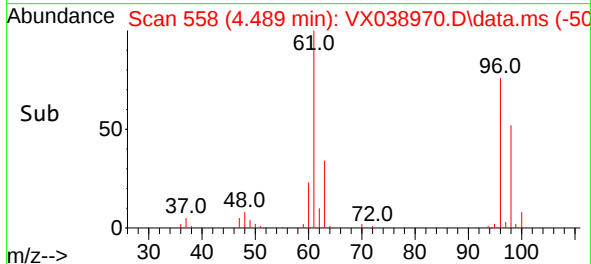
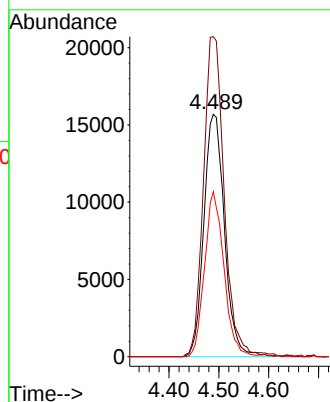
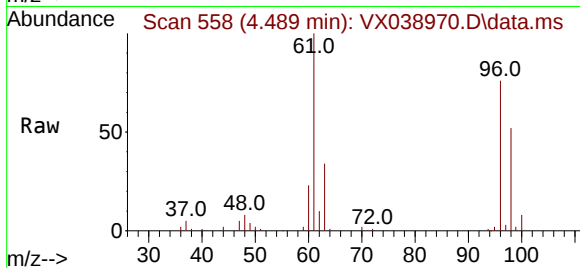
Tgt Ion: 96 Resp: 45076

Ion Ratio Lower Upper

96 100

61 132.7 0.0 312.2

98 63.8 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 51.480 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038970.D

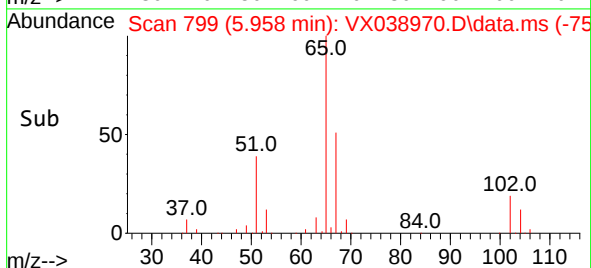
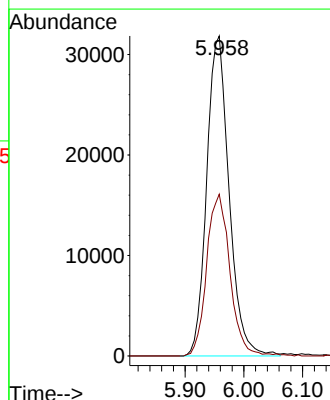
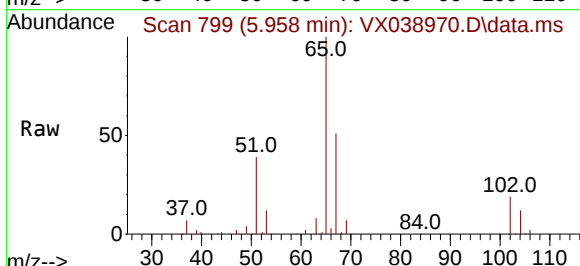
Acq: 20 Nov 2023 19:40

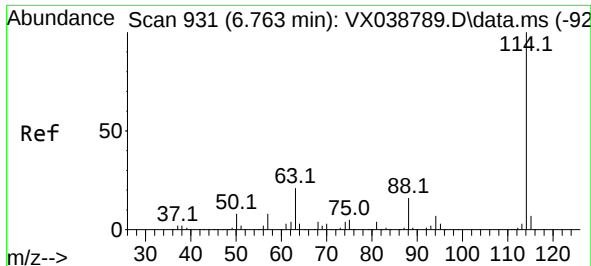
Tgt Ion: 65 Resp: 84294

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2

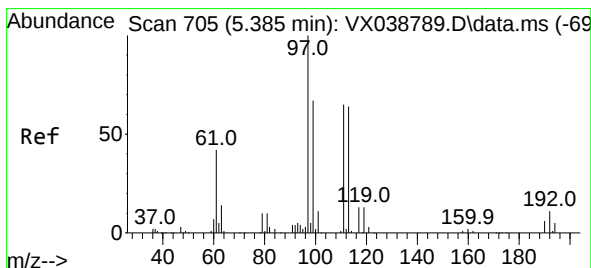
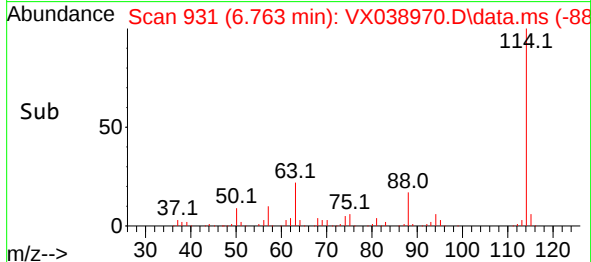
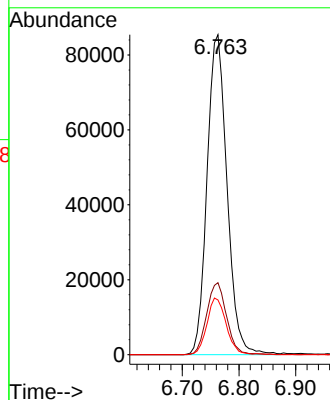
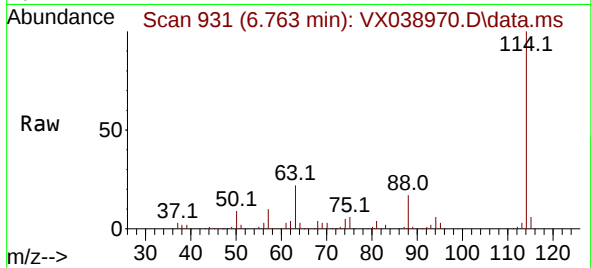




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

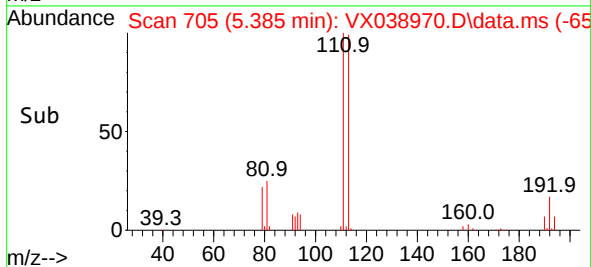
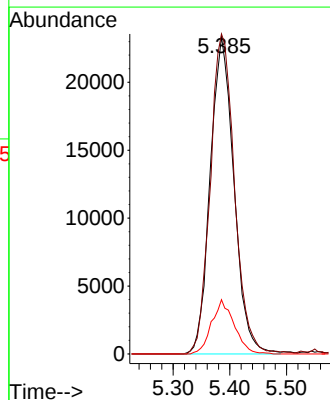
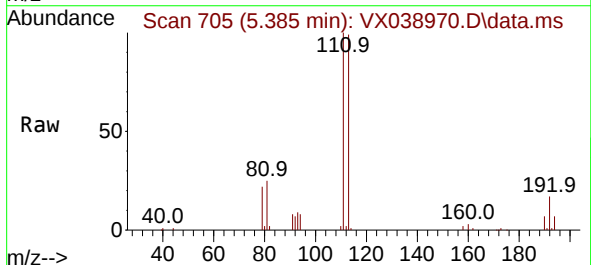
Instrument :
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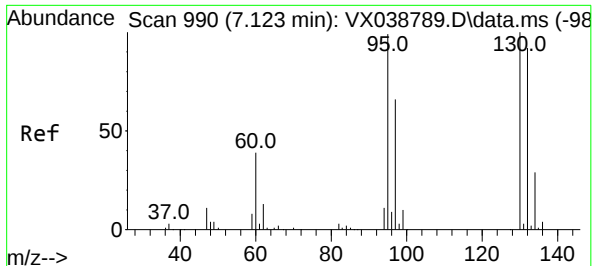
Tgt Ion:114 Resp: 208846
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

Tgt Ion:113 Resp: 67723
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.3 13.3 19.9

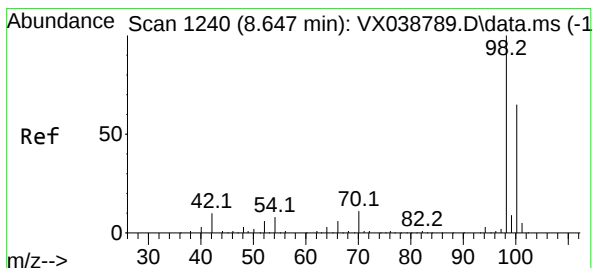
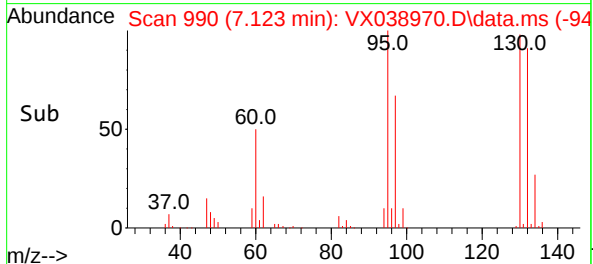
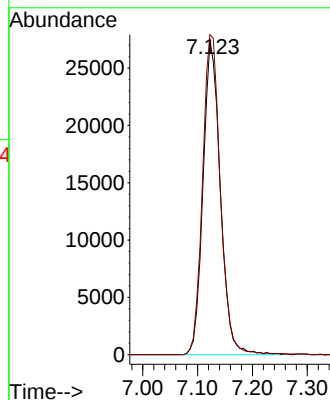
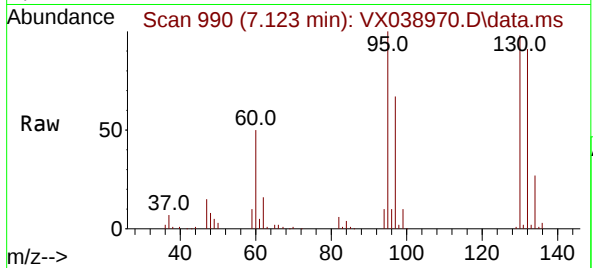




#44
Trichloroethene
Concen: 38.515 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

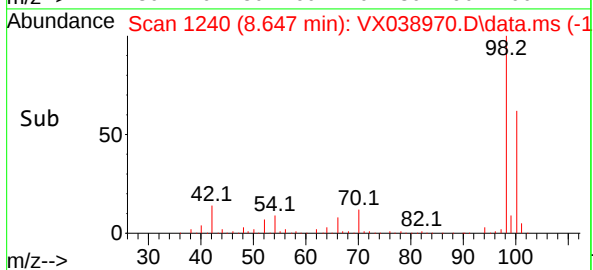
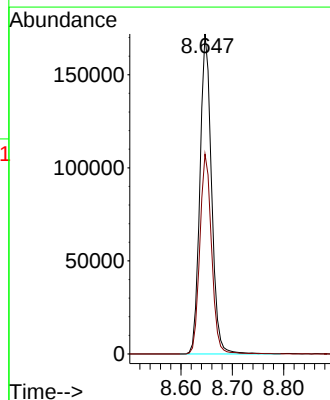
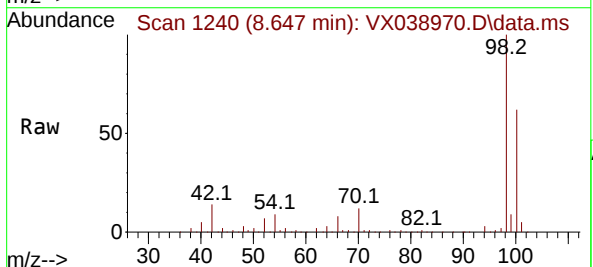
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20231113

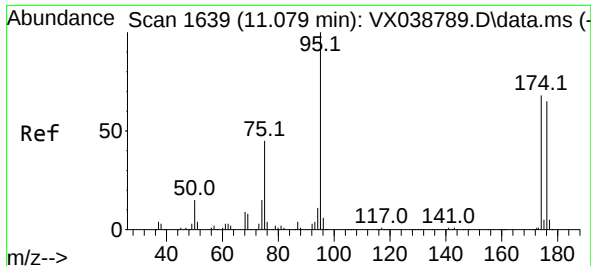
Tgt Ion:130 Resp: 59942
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.4



#50
Toluene-d8
Concen: 46.760 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

Tgt Ion: 98 Resp: 269851
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

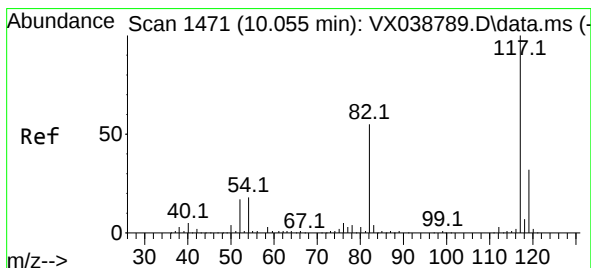
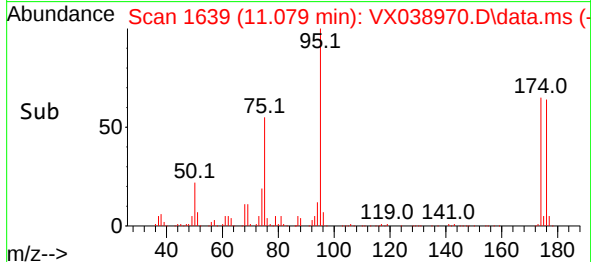
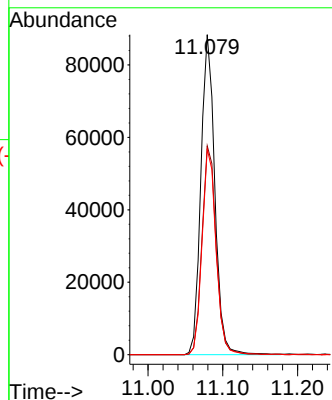
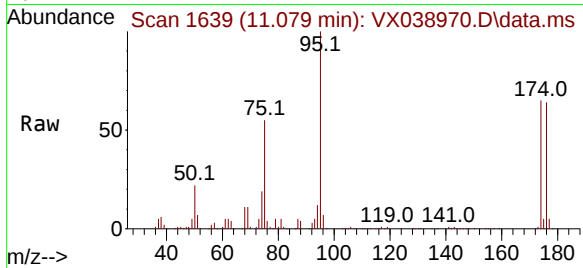




#62
4-Bromofluorobenzene
Concen: 49.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

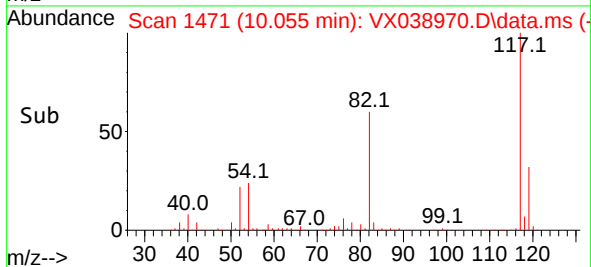
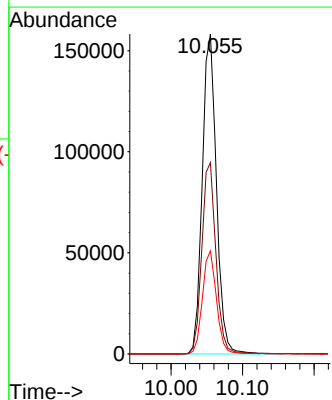
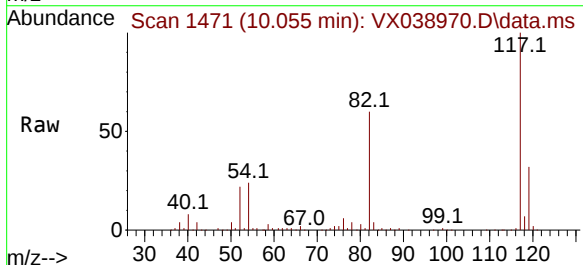
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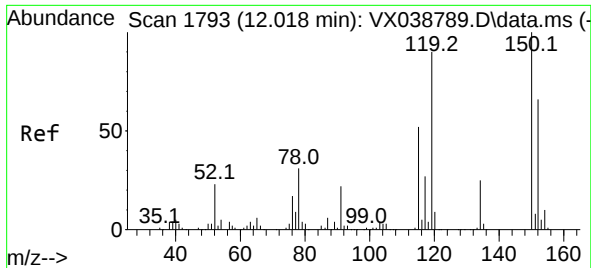
Tgt Ion: 95 Resp: 114126
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038970.D
Acq: 20 Nov 2023 19:40

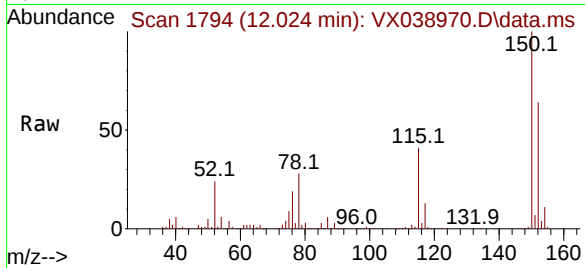
Tgt Ion: 117 Resp: 217711
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038970.D
 Acq: 20 Nov 2023 19:40

Instrument :
 MSVOA_X
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 DUP-01-20231113



Tgt Ion:152 Resp: 105855
 Ion Ratio Lower Upper
 152 100
 115 67.3 43.3 129.9
 150 161.1 0.0 345.0

