

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037267.D
 Acq On : 25 Aug 2023 13:32
 Operator : JC/MD
 Sample : 04025-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230814

Quant Time: Aug 26 02:20:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

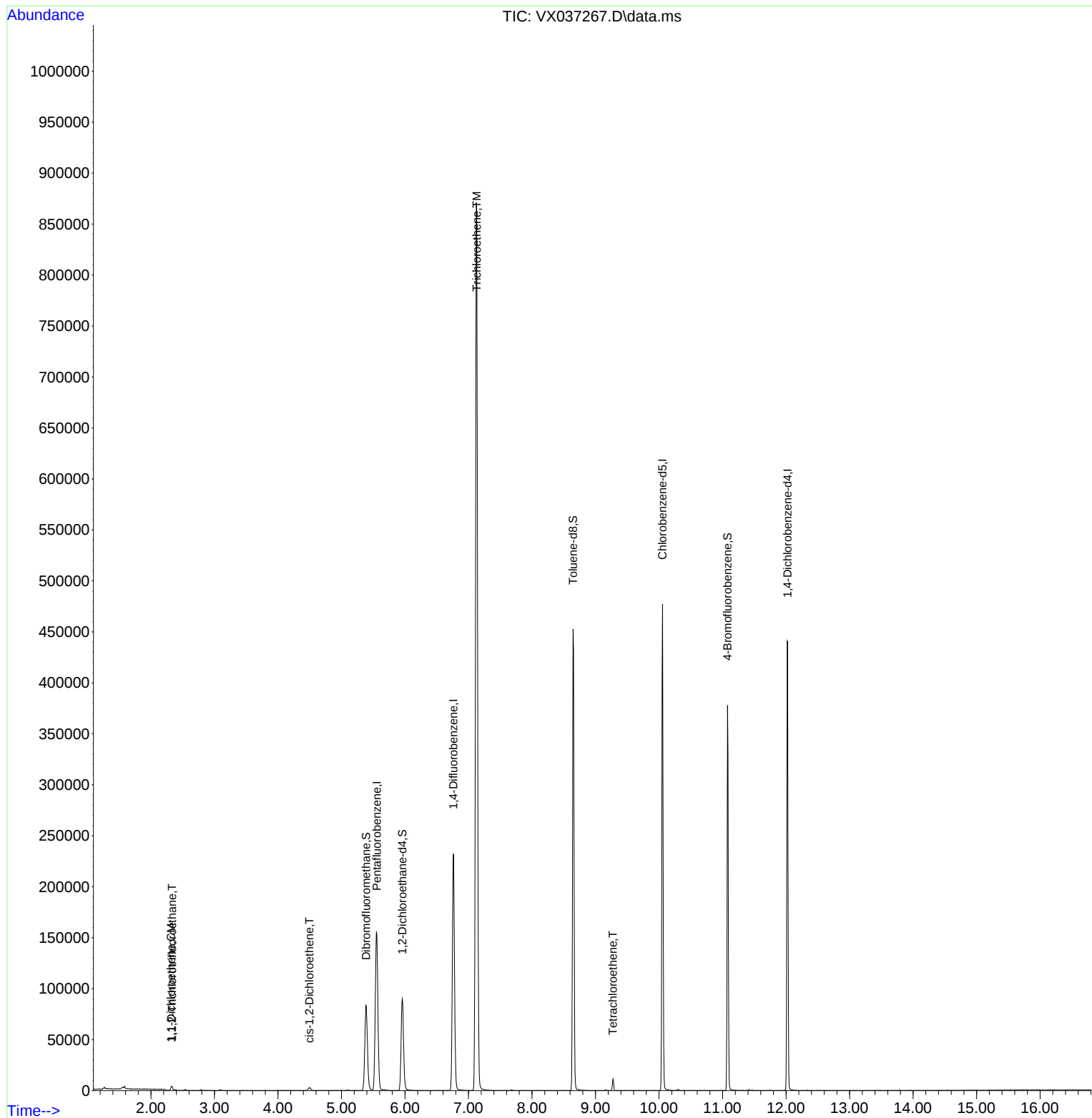
Internal Standards						
1) Pentafluorobenzene	5.556	168	145911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91599	43.545	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.080%
35) Dibromofluoromethane	5.385	113	73229	45.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	280779	48.580	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	102209	45.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1542	1.000	ug/l	95
12) 1,1-Dichloroethene	2.319	96	386	0.257	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	1931	0.959	ug/l	84
44) Trichloroethene	7.129	130	349534	189.868	ug/l	94
64) Tetrachloroethene	9.275	164	2096	1.341	ug/l	94

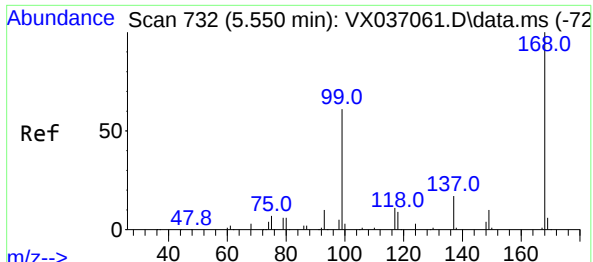
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

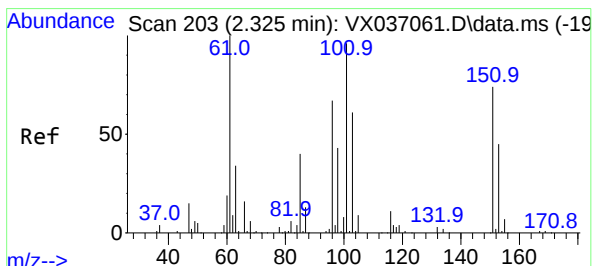
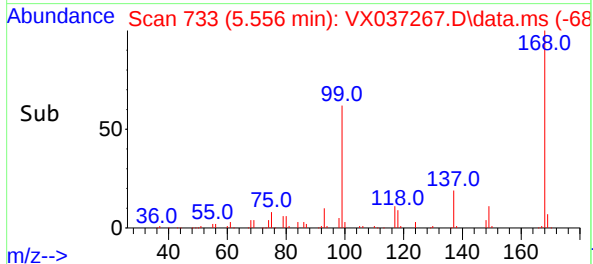
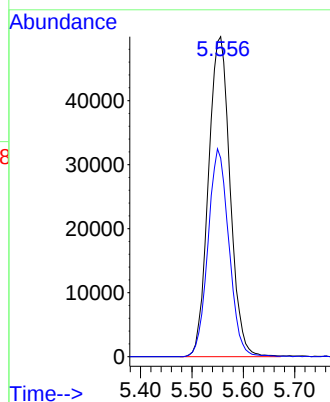
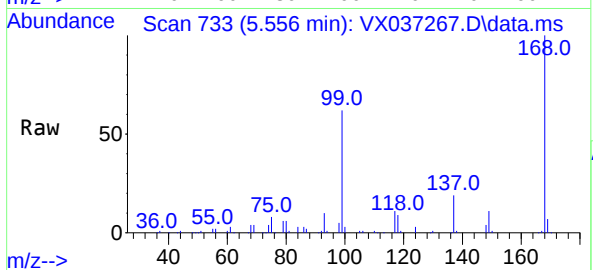




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

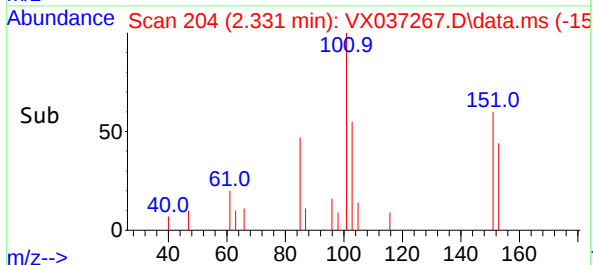
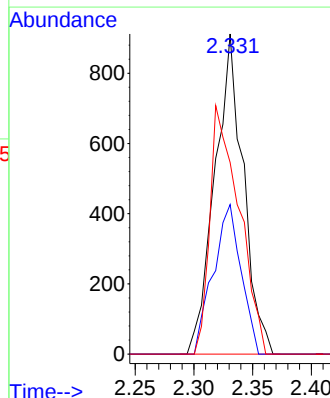
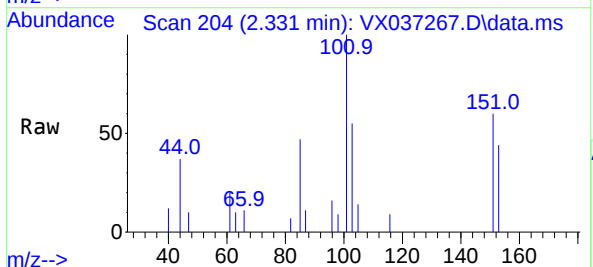
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

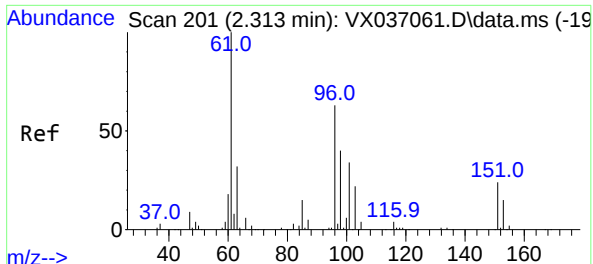
Tgt Ion:168 Resp: 145911
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.000 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:101 Resp: 1542
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 79.5 58.6 87.8

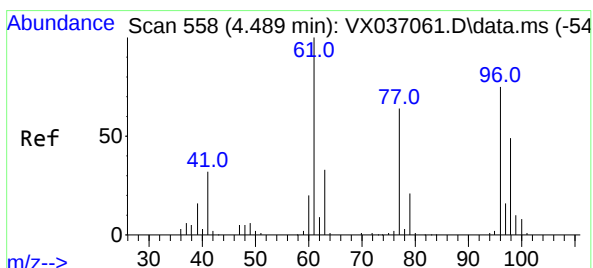
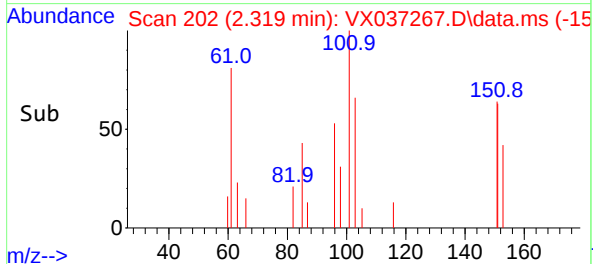
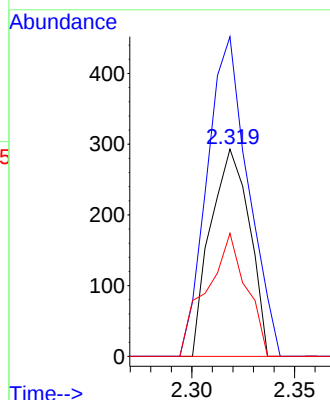
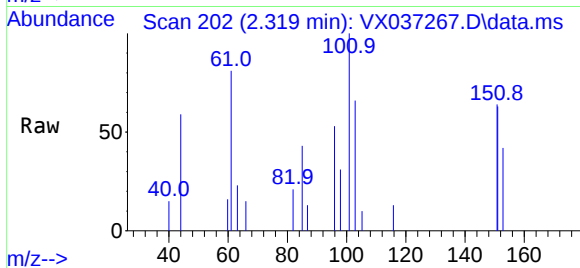




#12
1,1-Dichloroethene
Concen: 0.257 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

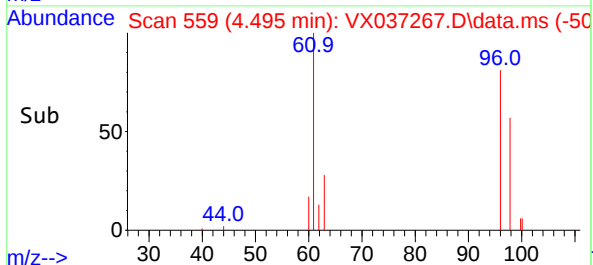
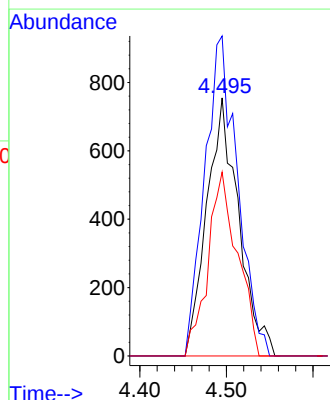
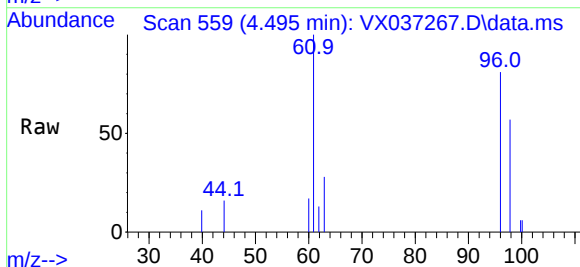
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

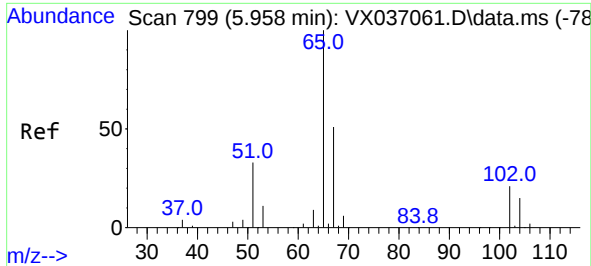
Tgt Ion:	96	Resp:	386
Ion	Ratio	Lower	Upper
96	100		
61	154.3	144.6	216.8
98	59.4	50.4	75.6



#27
cis-1,2-Dichloroethene
Concen: 0.959 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:	96	Resp:	1931
Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	312.2
98	65.9	0.0	129.0

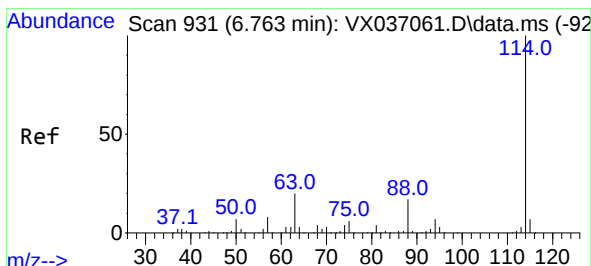
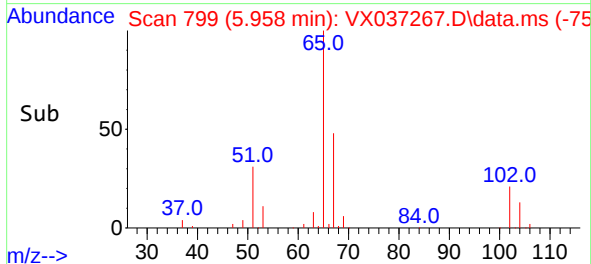
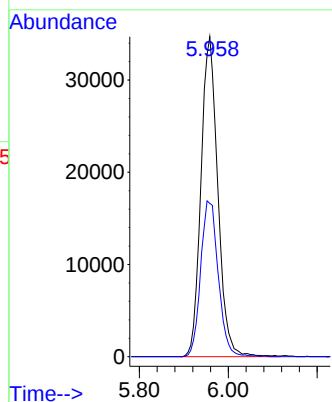
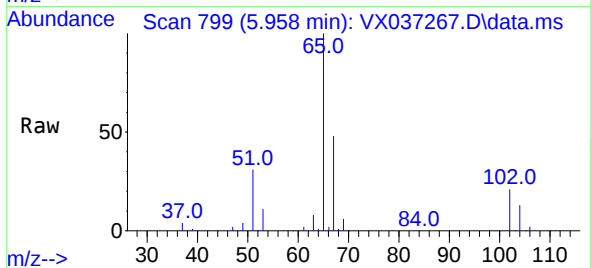




#33
 1,2-Dichloroethane-d4
 Concen: 43.545 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037267.D
 Acq: 25 Aug 2023 13:32

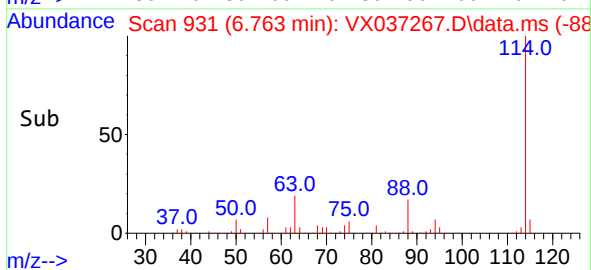
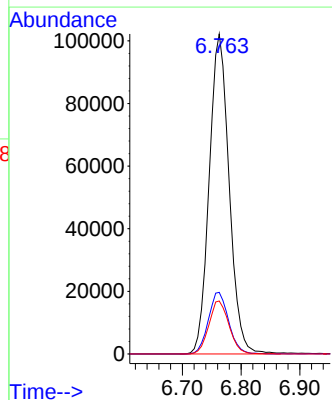
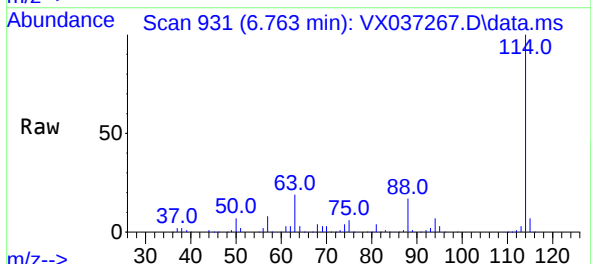
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230814

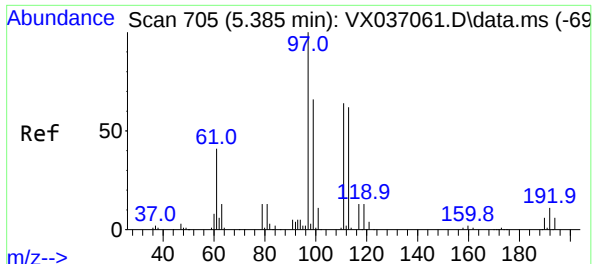
Tgt Ion: 65 Resp: 91599
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037267.D
 Acq: 25 Aug 2023 13:32

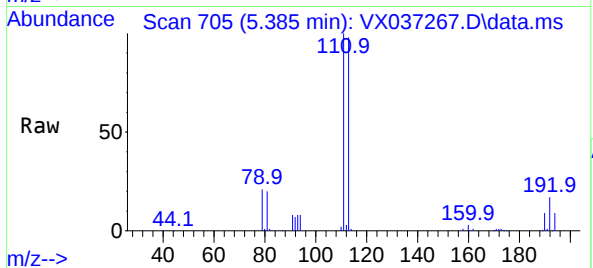
Tgt Ion: 114 Resp: 240586
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 16.5 0.0 36.6



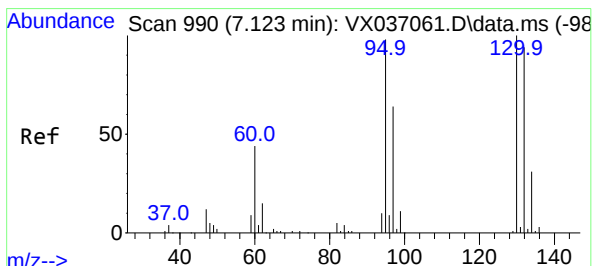
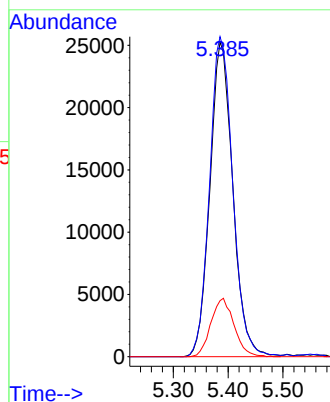
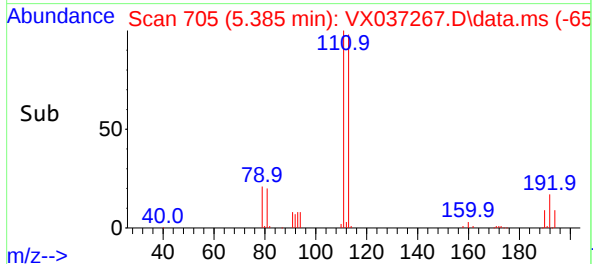


#35
Dibromofluoromethane
Concen: 45.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

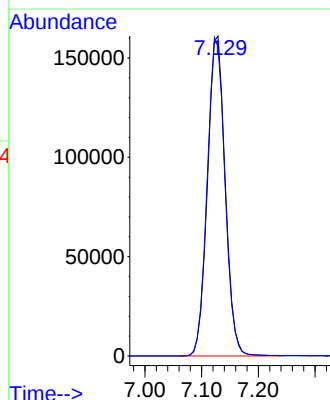
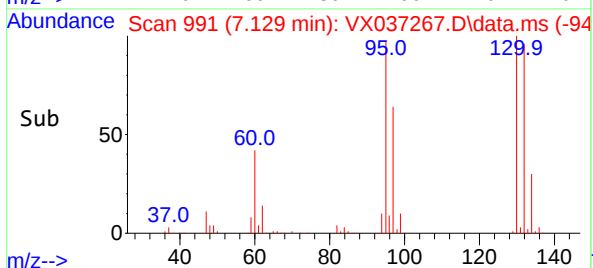
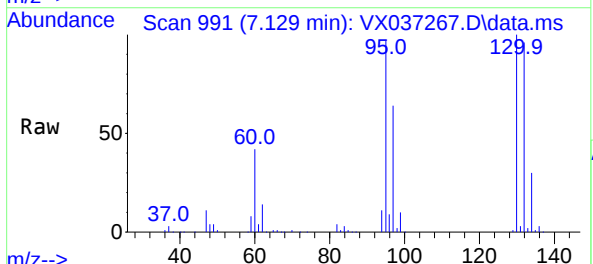


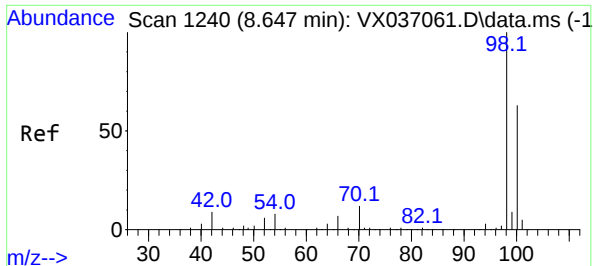
Tgt Ion:113 Resp: 73229
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.8 13.3 19.9



#44
Trichloroethene
Concen: 189.868 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:130 Resp: 349534
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.4





#50

Toluene-d8

Concen: 48.580 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037267.D

Acq: 25 Aug 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

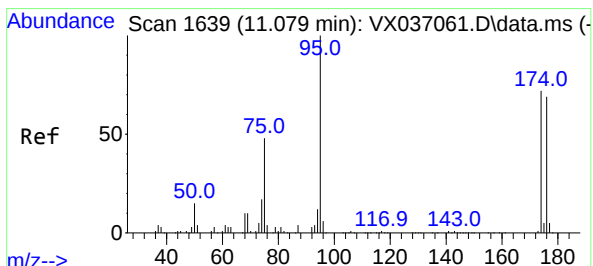
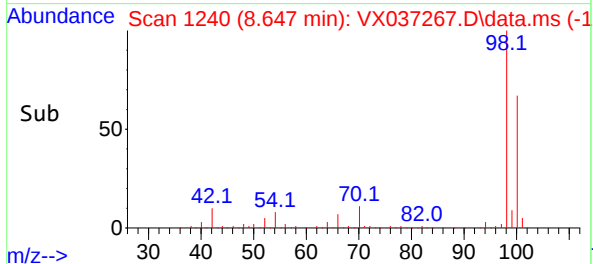
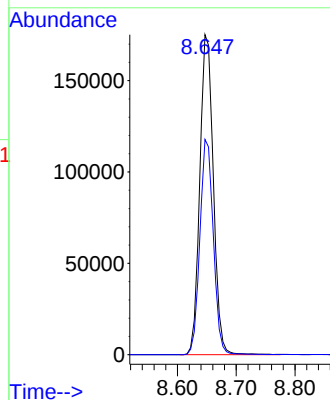
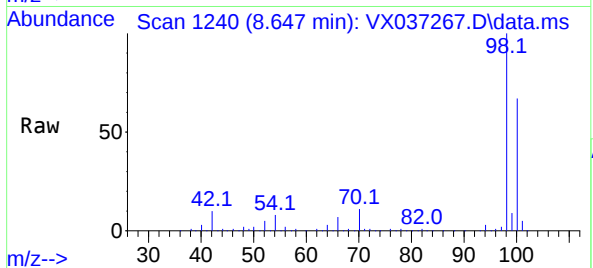
DUP06-20230814

Tgt Ion: 98 Resp: 280779

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.000 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037267.D

Acq: 25 Aug 2023 13:32

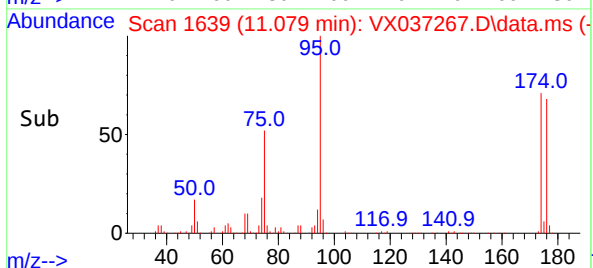
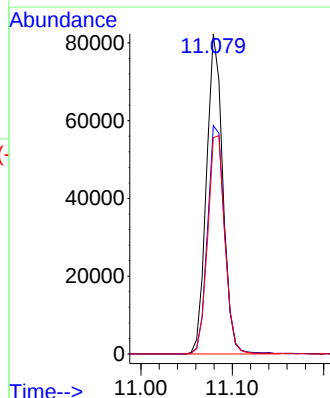
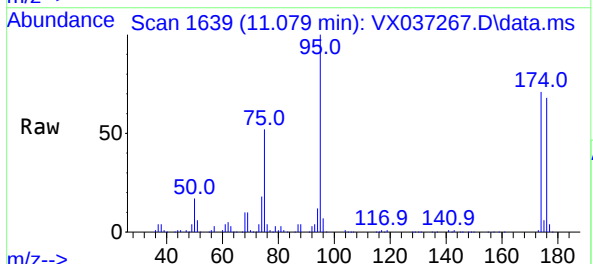
Tgt Ion: 95 Resp: 102209

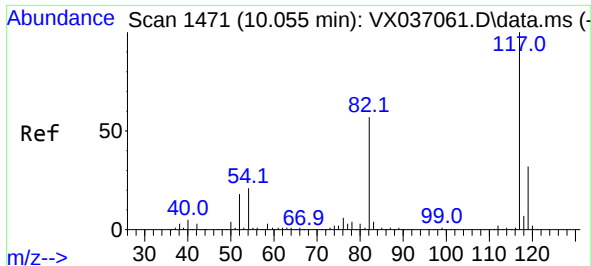
Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 71.6 0.0 131.0

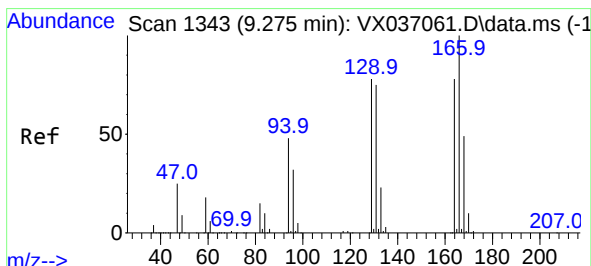
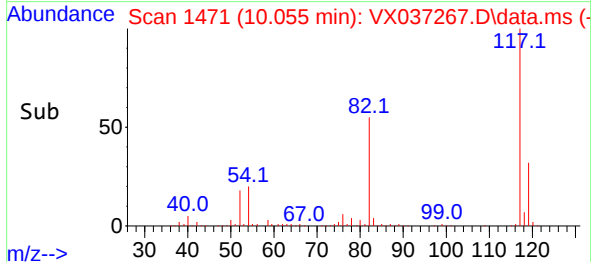
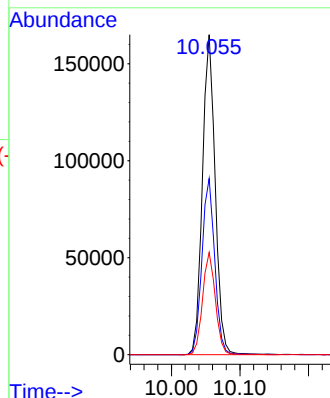
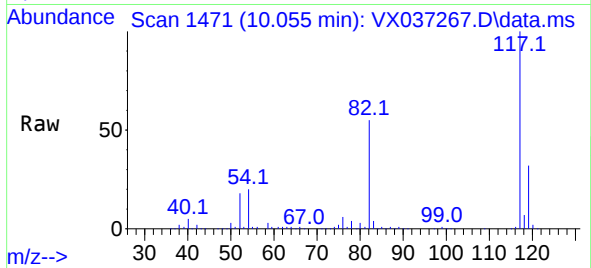




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

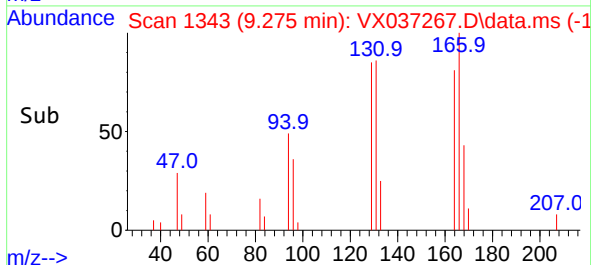
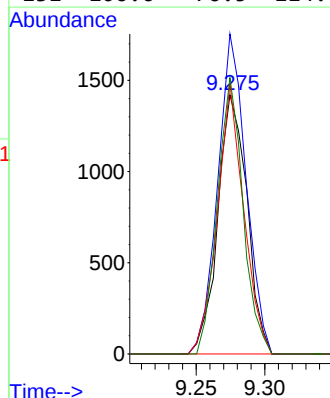
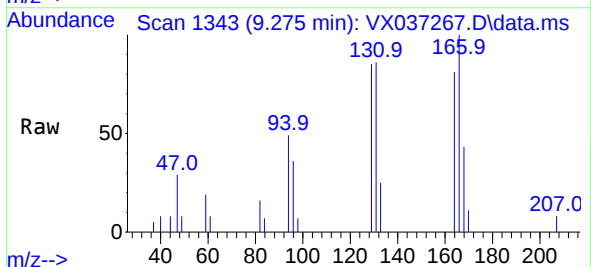
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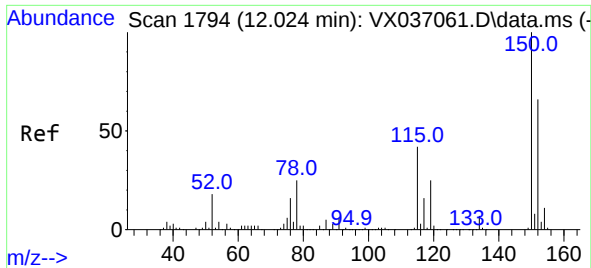
Tgt Ion:117 Resp: 214334
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.341 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

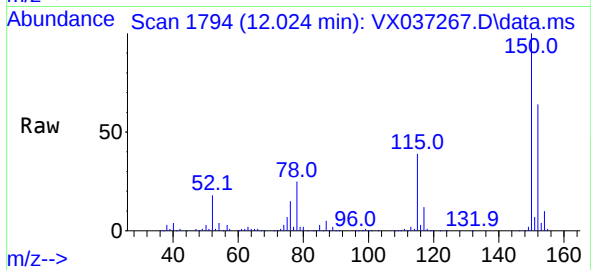
Tgt Ion:164 Resp: 2096
Ion Ratio Lower Upper
164 100
166 123.5 102.7 154.1
129 104.4 80.4 120.6
131 106.6 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037267.D
 Acq: 25 Aug 2023 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230814



Tgt Ion:152 Resp: 95755
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 156.3 0.0 345.0

