

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037282.D
 Acq On : 25 Aug 2023 19:35
 Operator : JC/MD
 Sample : 04095-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20230818

Quant Time: Aug 26 02:26:07 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)

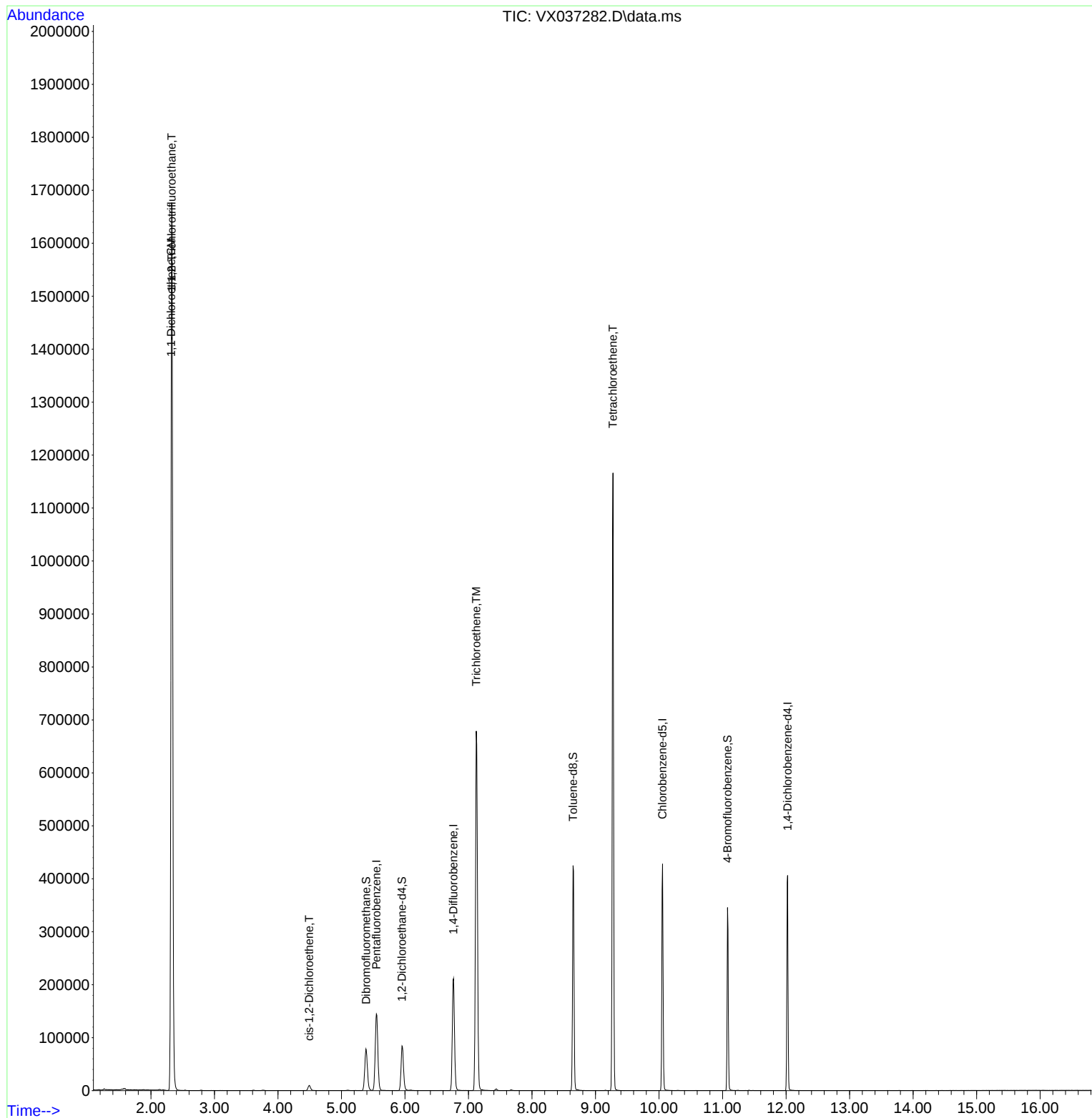
Internal Standards						
1) Pentafluorobenzene	5.550	168	137411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84754	42.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.560%
35) Dibromofluoromethane	5.385	113	69449	46.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	263772	48.459	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	95411	44.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.200%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	690907	475.649	ug/l	97
12) 1,1-Dichloroethene	2.319	96	6398	4.523	ug/l #	68
27) cis-1,2-Dichloroethene	4.489	96	6779	3.576	ug/l	79
44) Trichloroethene	7.123	130	271489	156.590	ug/l	98
64) Tetrachloroethene	9.275	164	214958	148.904	ug/l	99

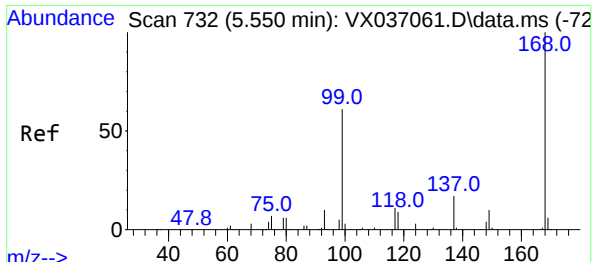
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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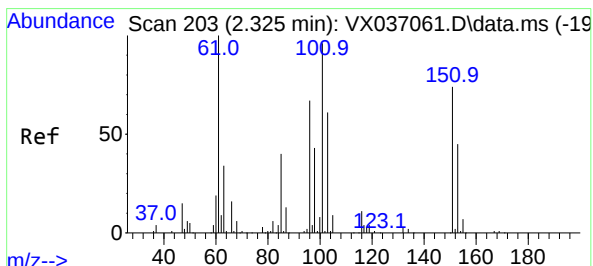
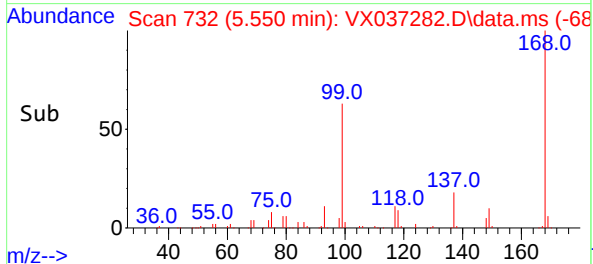
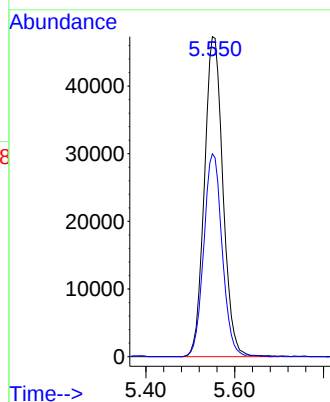
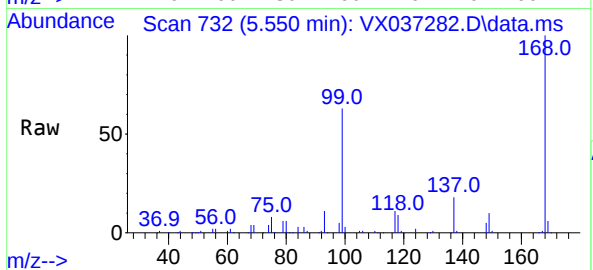




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

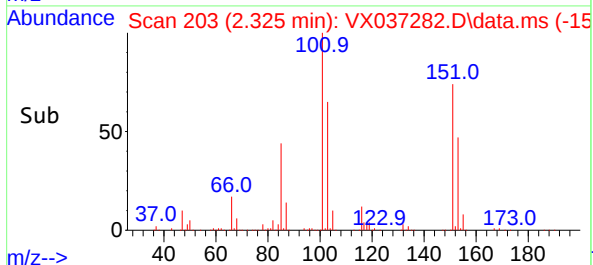
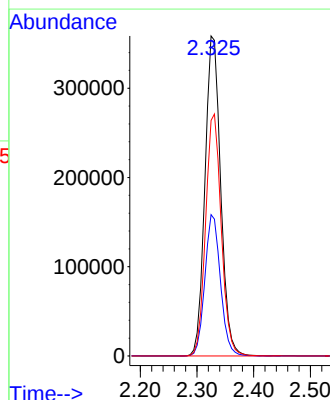
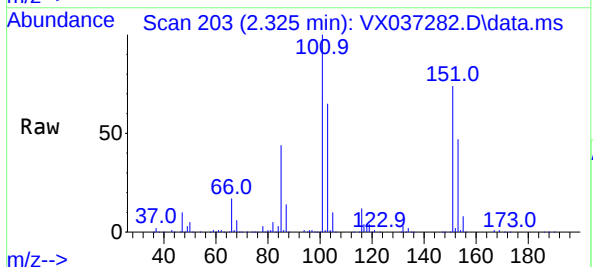
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20230818

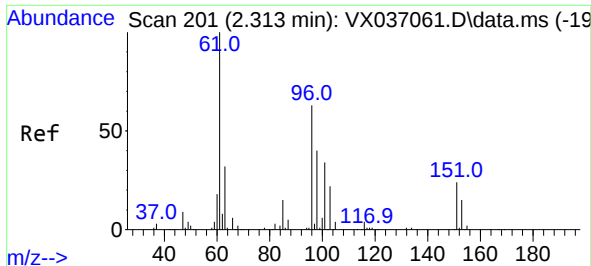
Tgt Ion:168 Resp: 137411
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 475.649 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

Tgt Ion:101 Resp: 690907
Ion Ratio Lower Upper
101 100
85 43.7 37.0 55.6
151 75.2 58.6 87.8

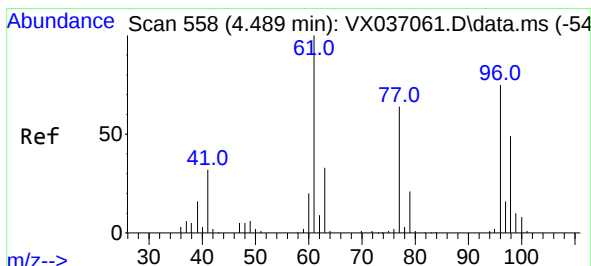
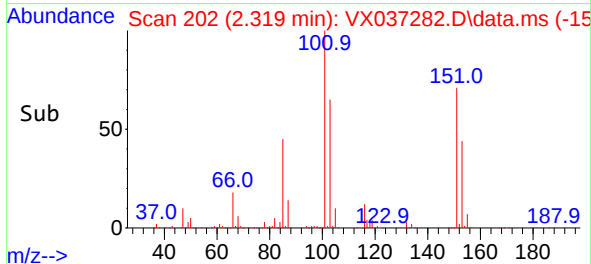
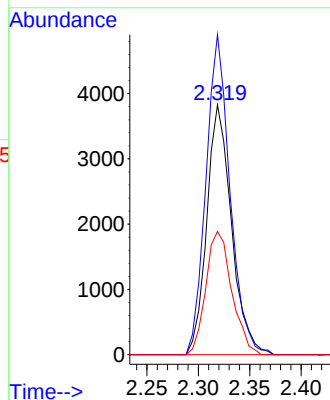
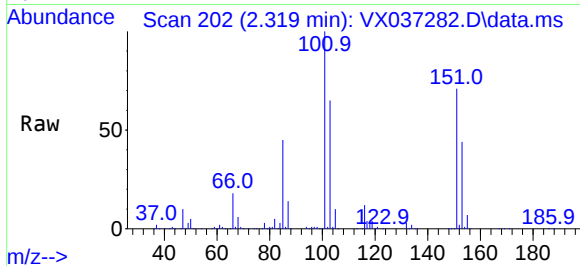




#12
1,1-Dichloroethene
Concen: 4.523 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

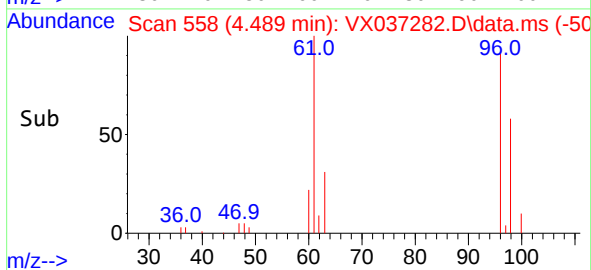
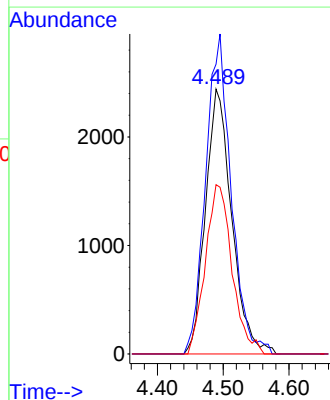
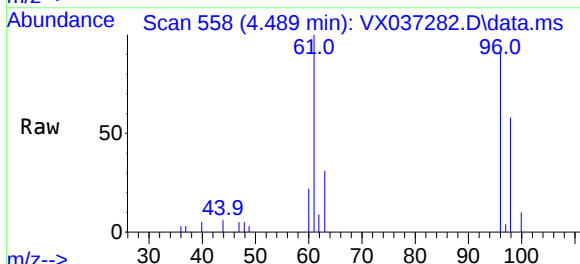
Instrument :
MSVOA_X
ClientSampleId :
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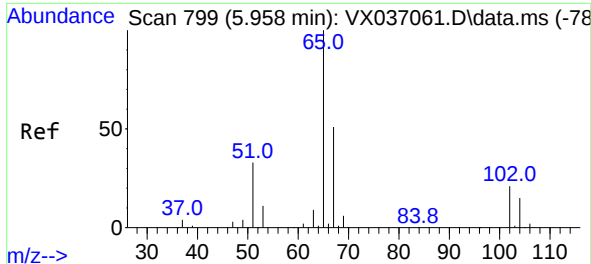
Tgt Ion: 96 Resp: 6398
Ion Ratio Lower Upper
96 100
61 128.1 144.6 216.8#
98 49.4 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 3.576 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

Tgt Ion: 96 Resp: 6779
Ion Ratio Lower Upper
96 100
61 117.5 0.0 312.2
98 64.8 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 42.783 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037282.D

Acq: 25 Aug 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

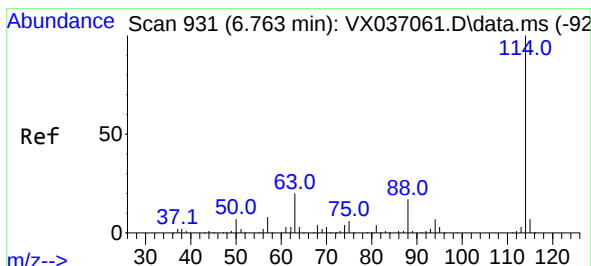
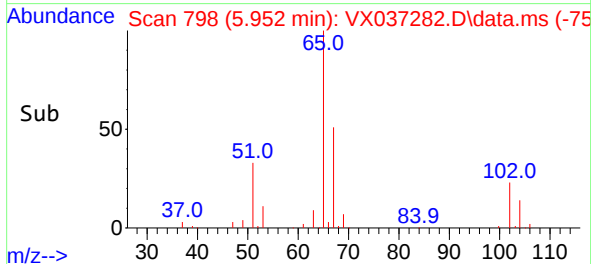
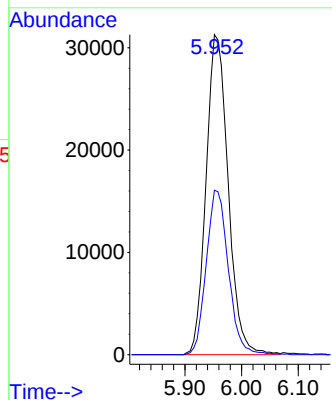
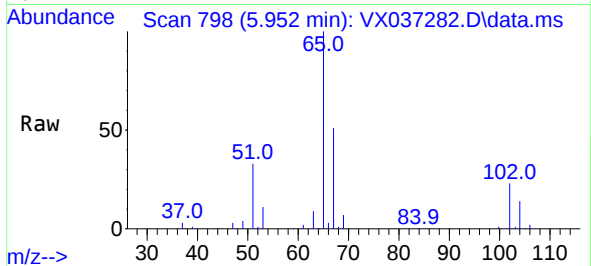
RE134D3-20230818

Tgt Ion: 65 Resp: 84754

Ion Ratio Lower Upper

65 100

67 51.4 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: VX037282.D

Acq: 25 Aug 2023 19:35

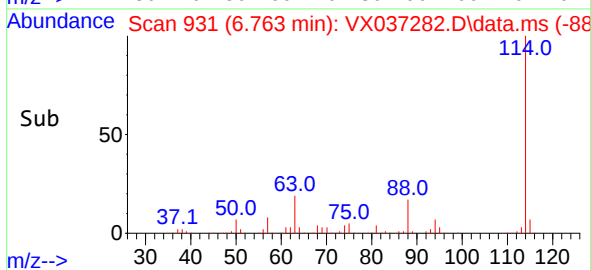
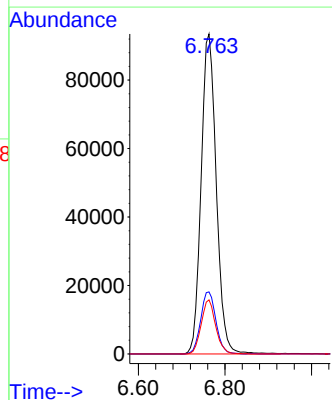
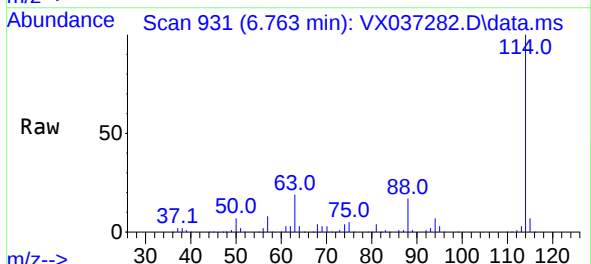
Tgt Ion: 114 Resp: 226580

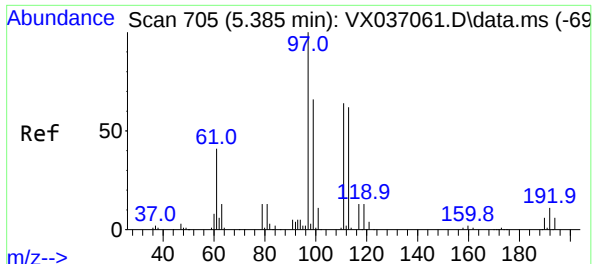
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.9 0.0 36.6

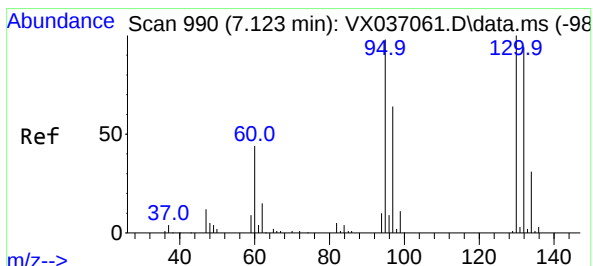
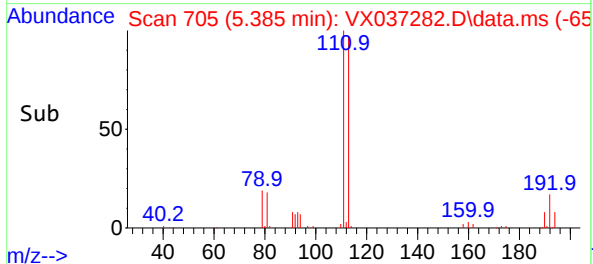
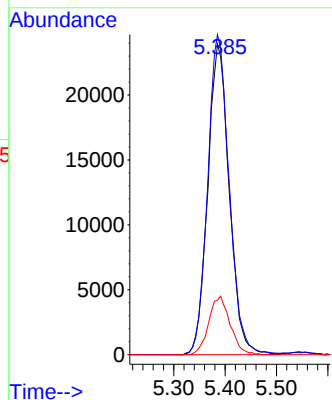
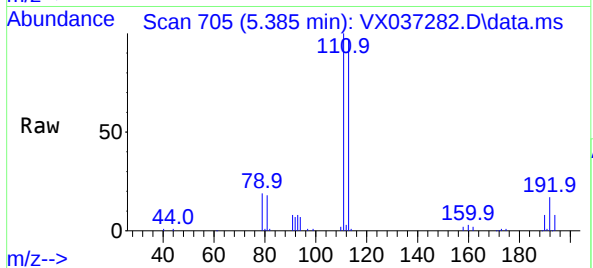




#35
Dibromofluoromethane
Concen: 46.281 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

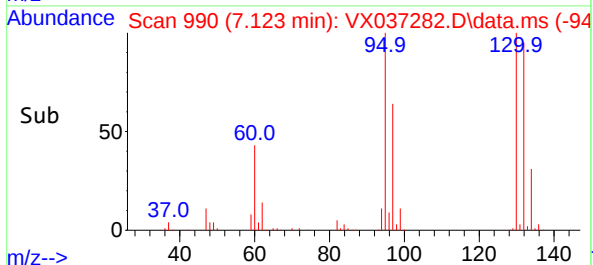
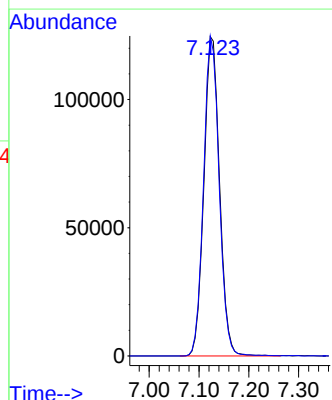
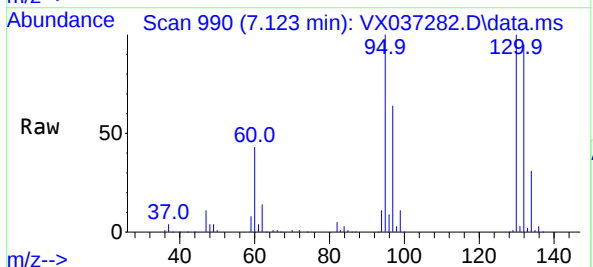
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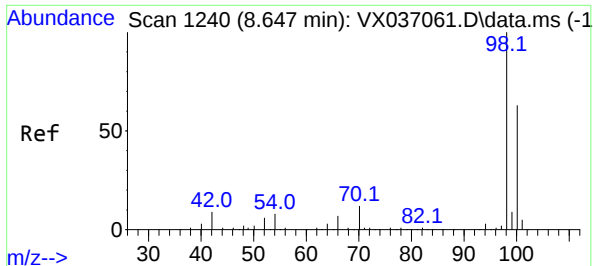
Tgt Ion:113 Resp: 69449
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.7 13.3 19.9



#44
Trichloroethene
Concen: 156.590 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

Tgt Ion:130 Resp: 271489
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4

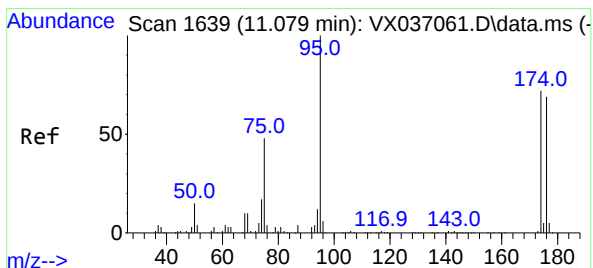
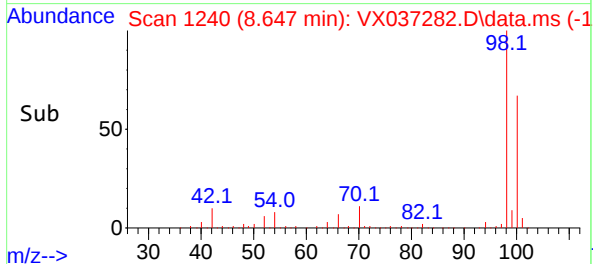
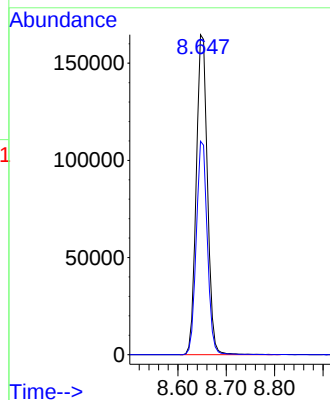
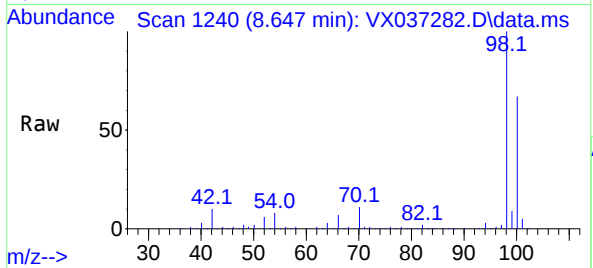




#50
Toluene-d8
Concen: 48.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

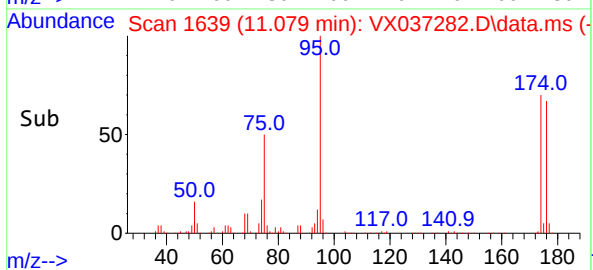
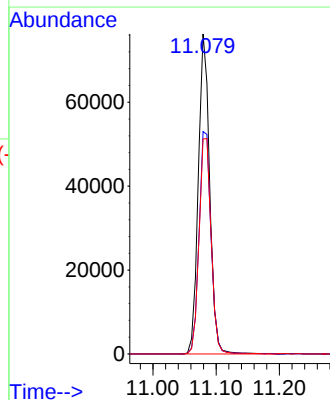
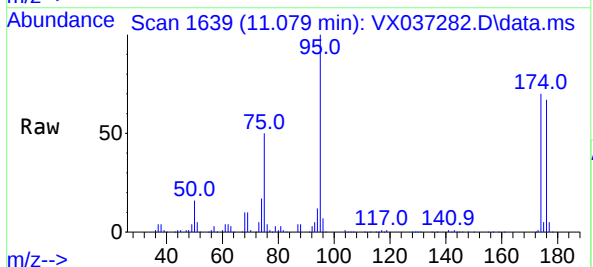
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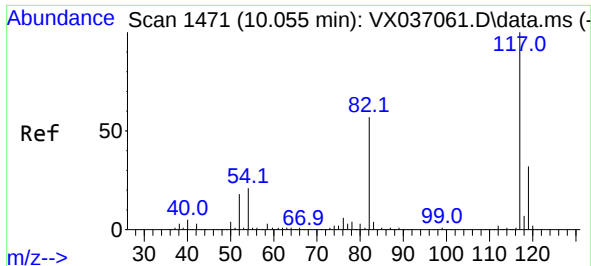
Tgt Ion: 98 Resp: 263772
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

Tgt Ion: 95 Resp: 95411
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.7 0.0 131.0

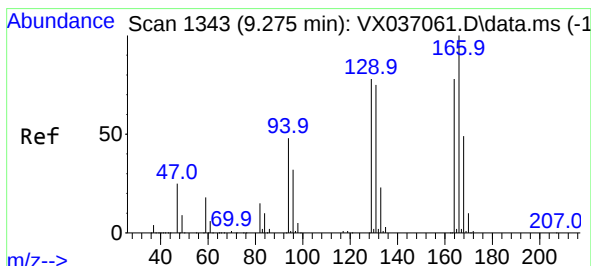
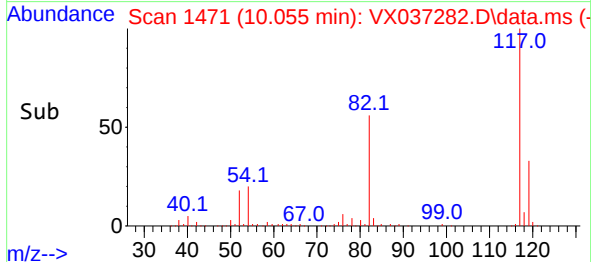
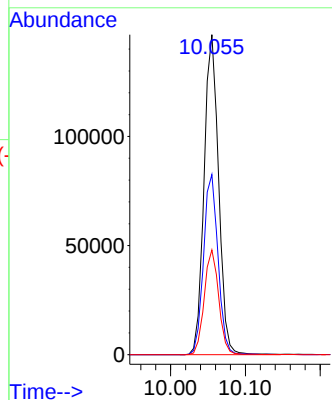
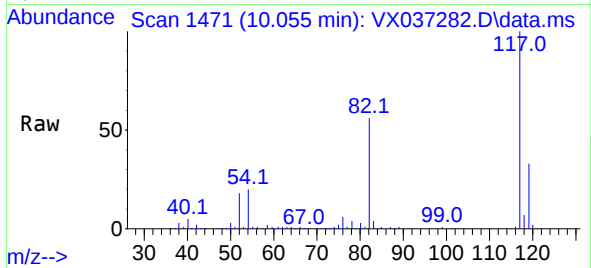




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

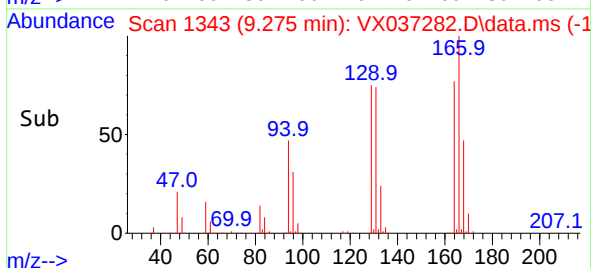
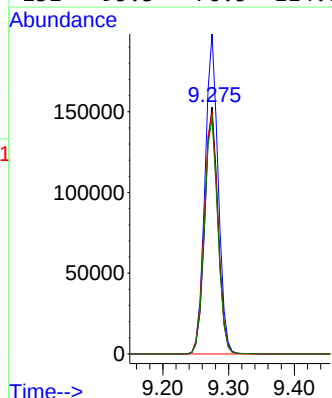
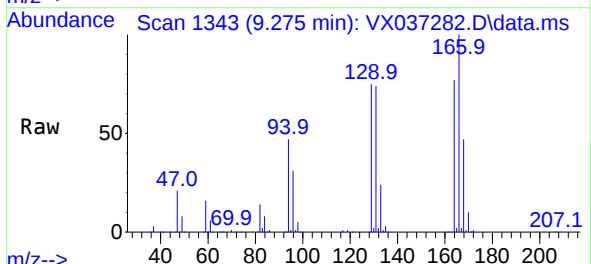
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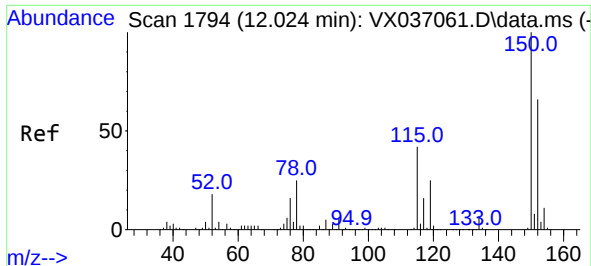
Tgt Ion:117 Resp: 197886
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 148.904 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037282.D
Acq: 25 Aug 2023 19:35

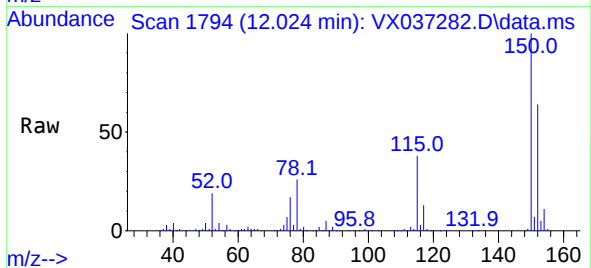
Tgt Ion:164 Resp: 214958
Ion Ratio Lower Upper
164 100
166 129.6 102.7 154.1
129 97.4 80.4 120.6
131 95.3 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037282.D
 Acq: 25 Aug 2023 19:35

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 86626
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 156.4 0.0 345.0

