

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046743.D
 Acq On : 18 Jun 2025 15:24
 Operator : JC/MD
 Sample : Q2345-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D2-20250617

Quant Time: Jun 19 01:25:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

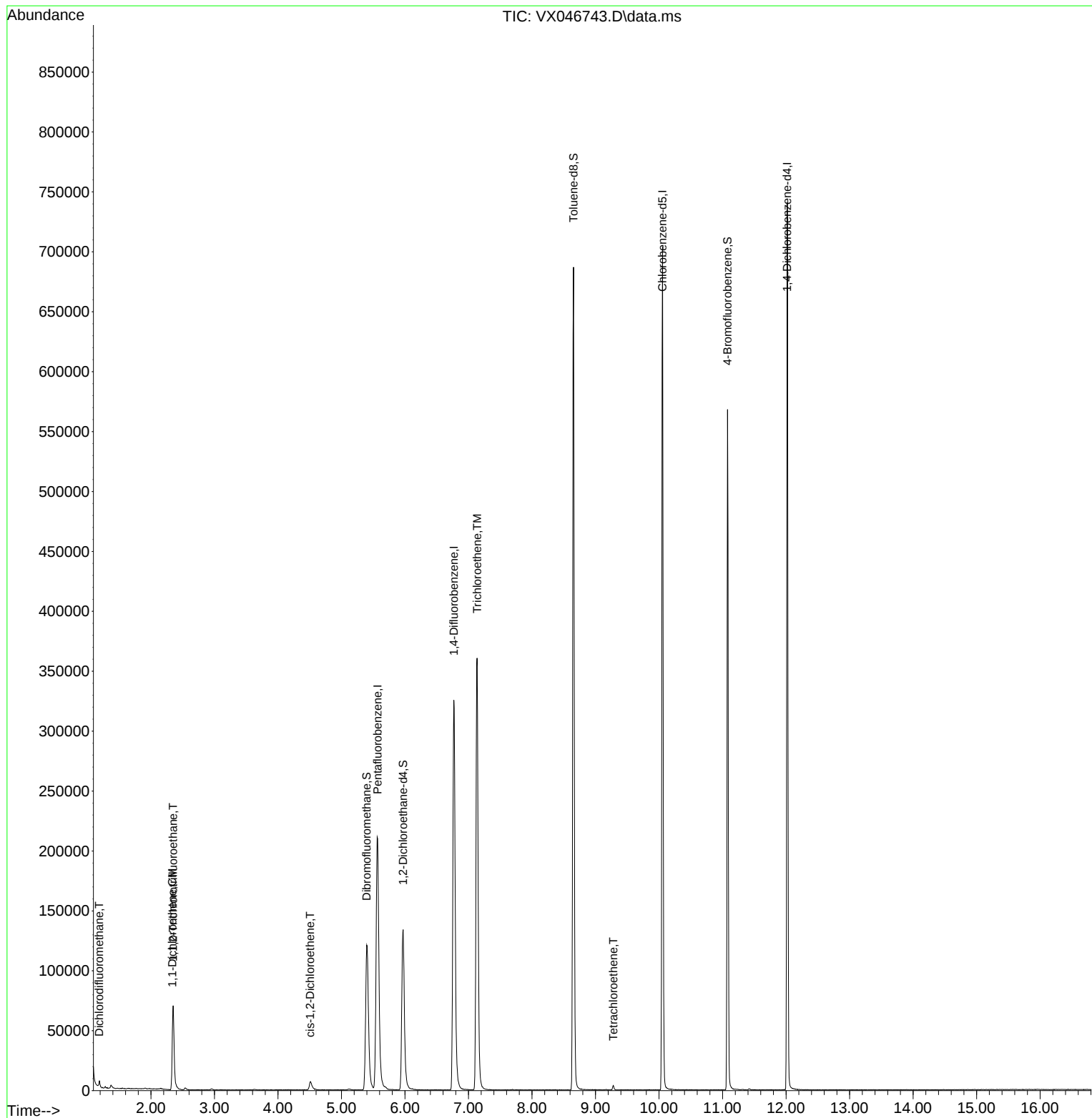
Internal Standards						
1) Pentafluorobenzene	5.568	168	217878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	142368	47.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.480%
35) Dibromofluoromethane	5.397	113	116087	48.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	8.653	98	415275	48.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	153648	48.398	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	968	0.416	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.349	101	30874	12.379	ug/l	99
12) 1,1-Dichloroethene	2.337	96	1932	0.803	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	5156	1.704	ug/l	91
44) Trichloroethene	7.135	130	151205	58.588	ug/l	99
64) Tetrachloroethene	9.281	164	724	0.335	ug/l	86

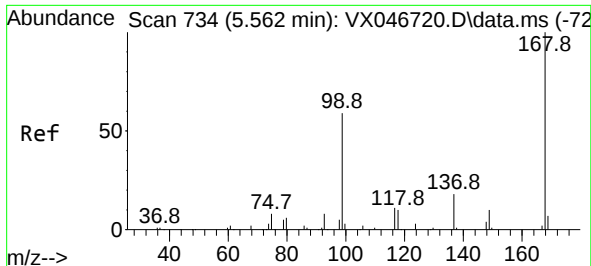
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX046743.D

Acq: 18 Jun 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

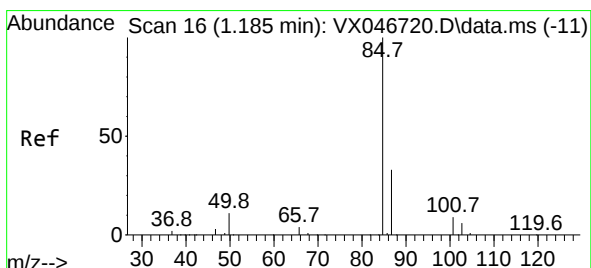
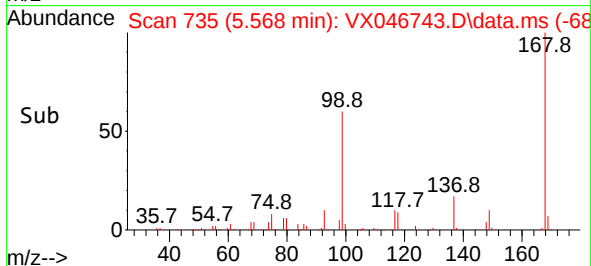
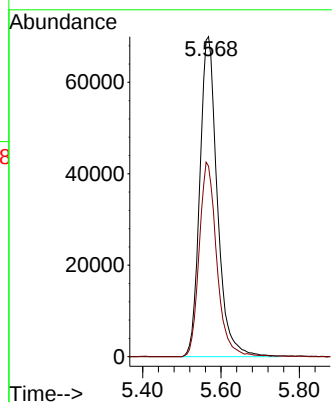
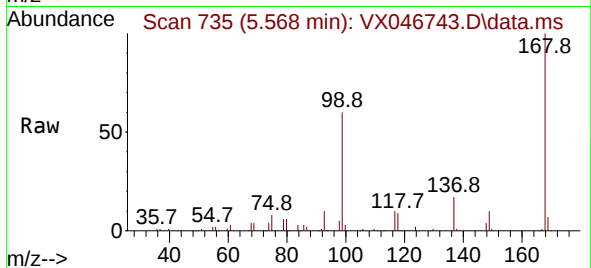
TT189D2-20250617

Tgt Ion:168 Resp: 217878

Ion Ratio Lower Upper

168 100

99 59.5 48.5 72.7



#2

Dichlorodifluoromethane

Concen: 0.416 ug/l

RT: 1.185 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX046743.D

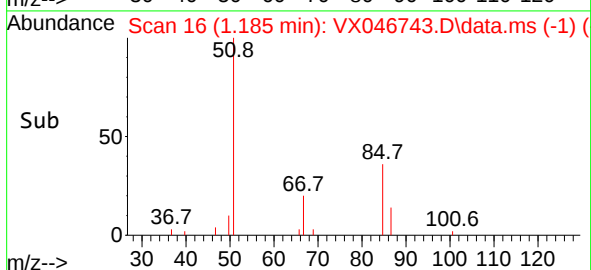
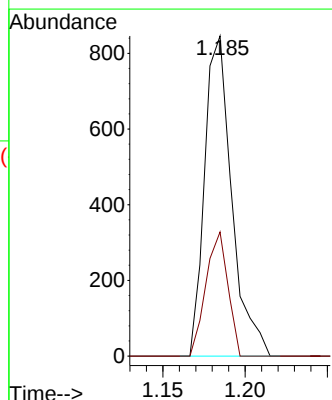
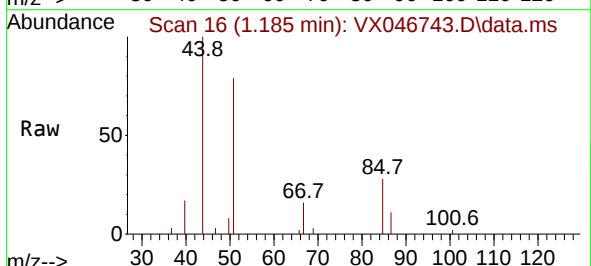
Acq: 18 Jun 2025 15:24

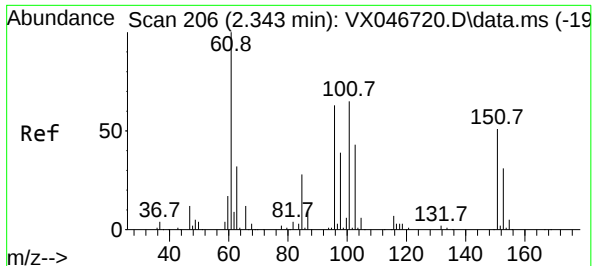
Tgt Ion: 85 Resp: 968

Ion Ratio Lower Upper

85 100

87 38.8 16.6 49.8

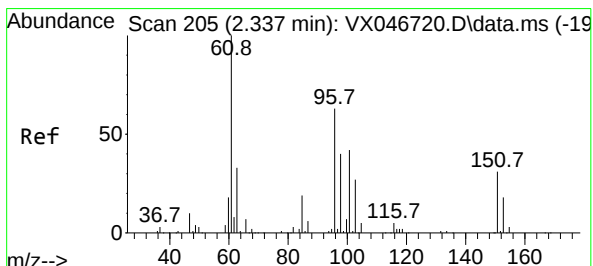
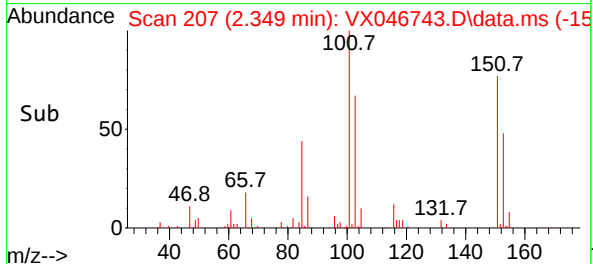
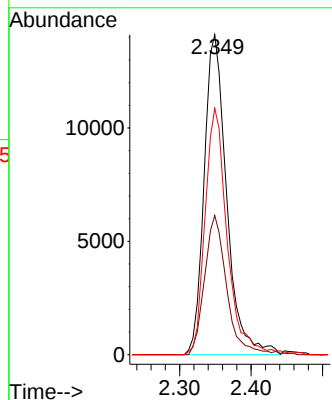
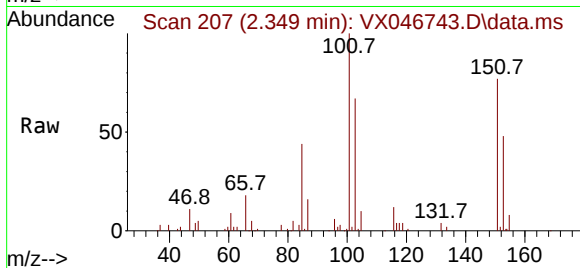




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.379 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

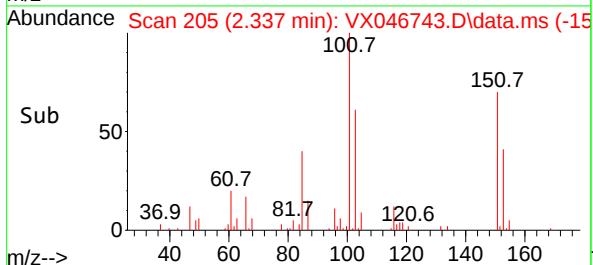
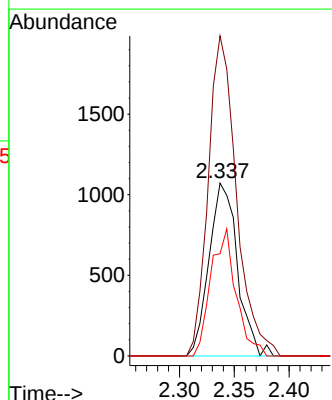
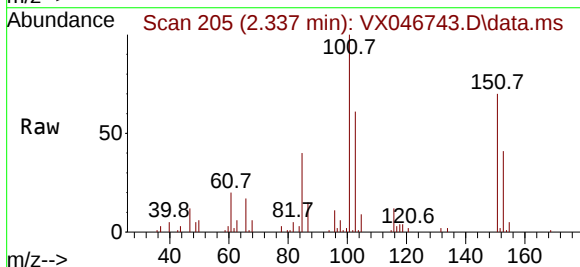
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

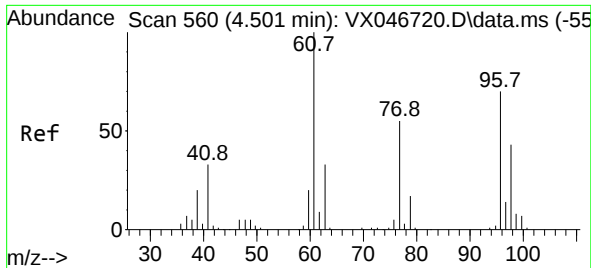
Tgt Ion:101 Resp: 30874
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.0
151 76.0 61.2 91.8



#12
1,1-Dichloroethene
Concen: 0.803 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 96 Resp: 1932
Ion Ratio Lower Upper
96 100
61 159.7 126.6 189.8
98 55.3 50.7 76.1

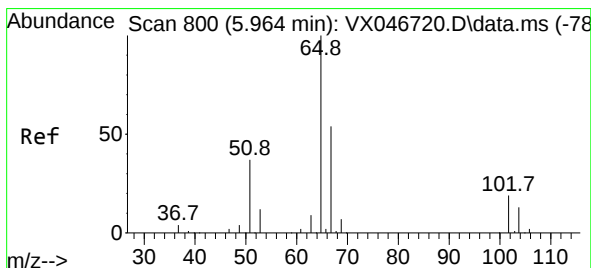
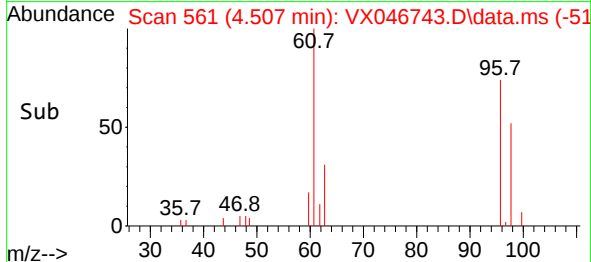
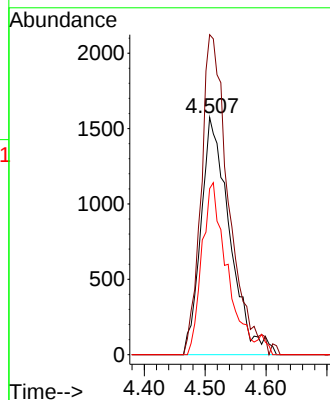
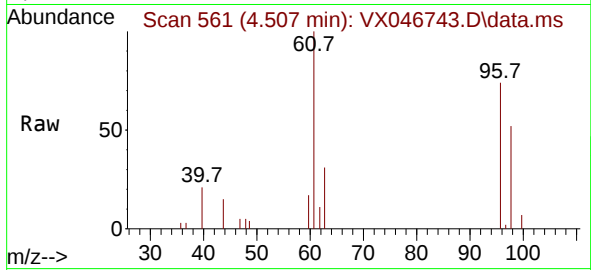




#27
 cis-1,2-Dichloroethene
 Concen: 1.704 ug/l
 RT: 4.507 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: VX046743.D
 Acq: 18 Jun 2025 15:24

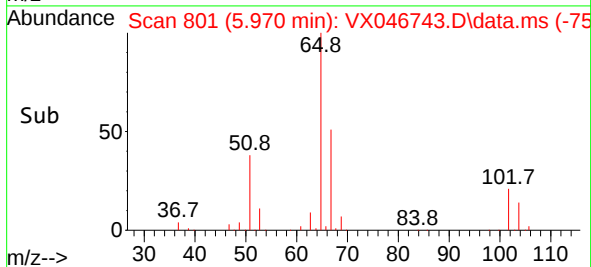
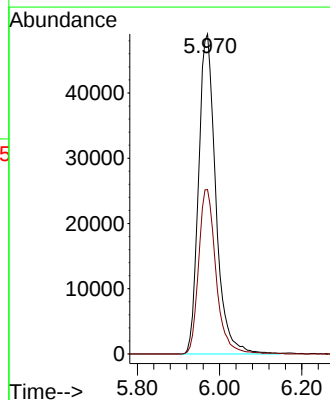
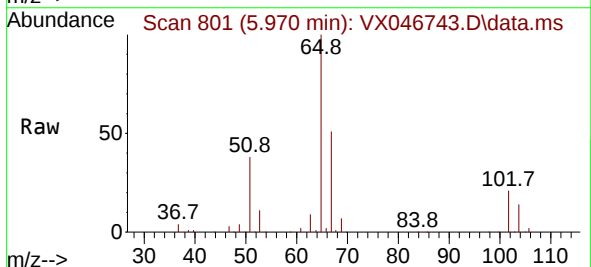
Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D2-20250617

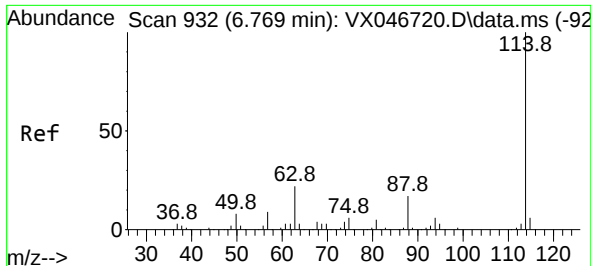
Tgt Ion: 96 Resp: 5156
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 291.0
 98 63.2 0.0 126.8



#33
 1,2-Dichloroethane-d4
 Concen: 47.241 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX046743.D
 Acq: 18 Jun 2025 15:24

Tgt Ion: 65 Resp: 142368
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.4

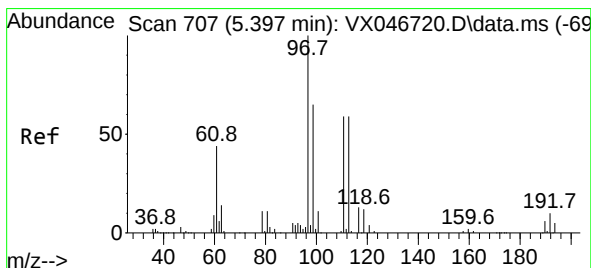
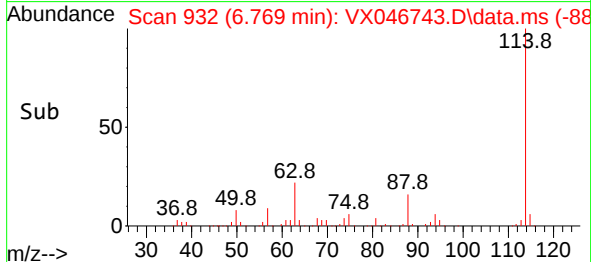
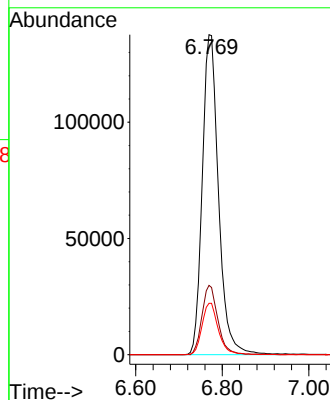
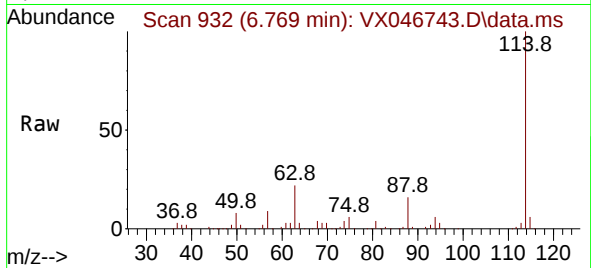




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

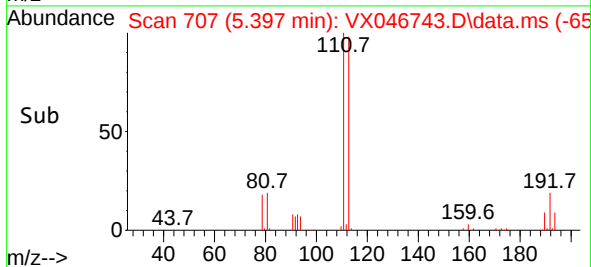
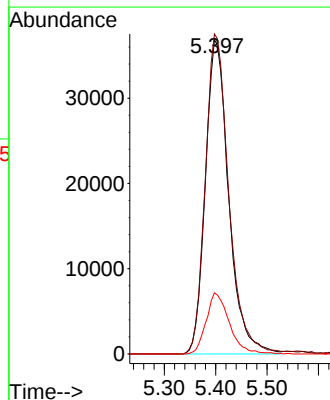
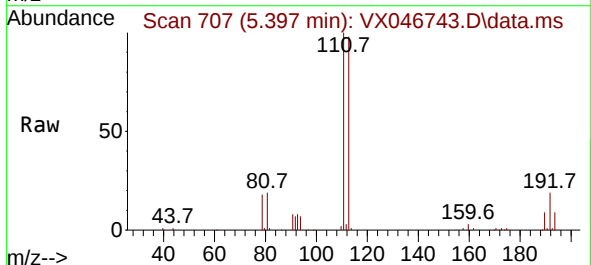
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250617

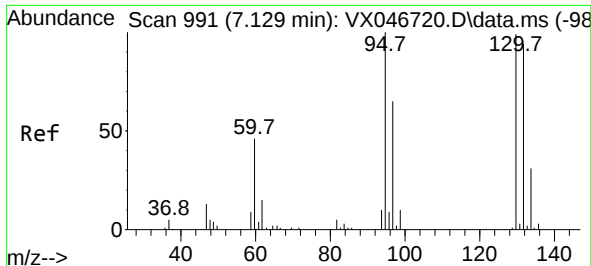
Tgt Ion:114 Resp: 358276
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion:113 Resp: 116087
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 19.3 15.3 22.9

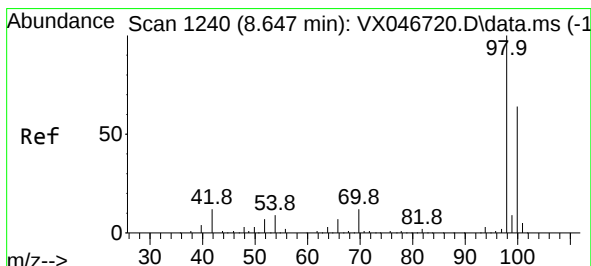
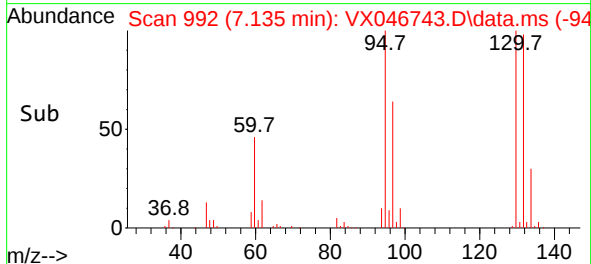
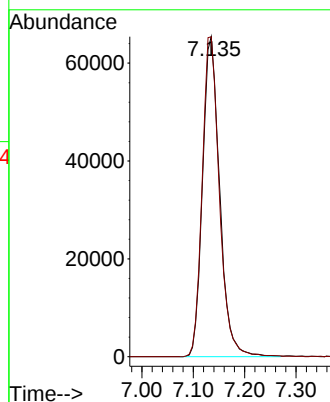
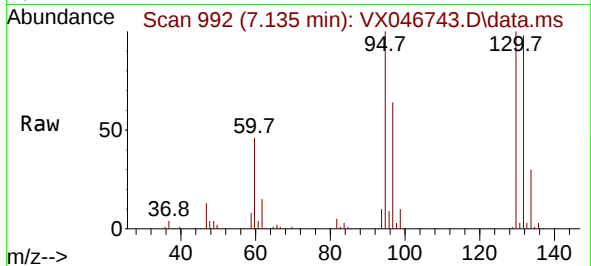




#44
Trichloroethene
Concen: 58.588 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

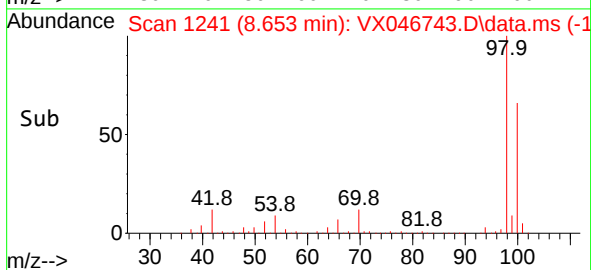
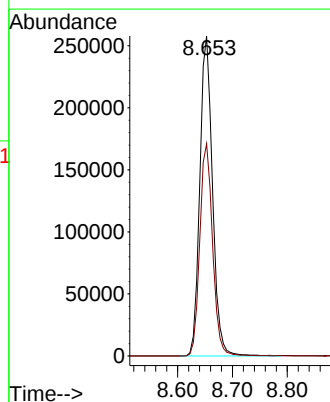
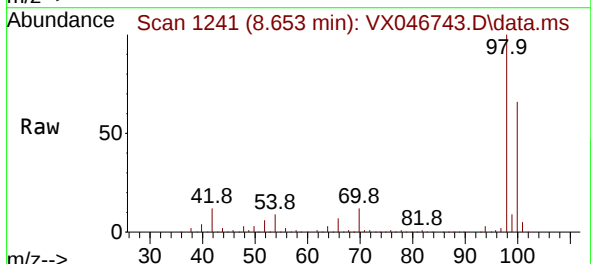
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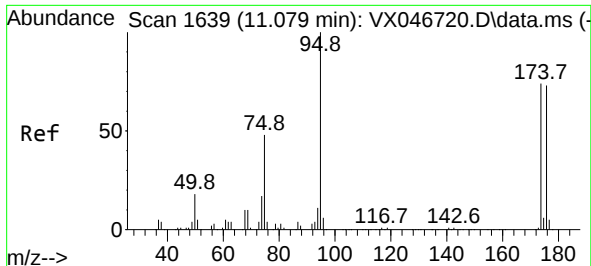
Tgt Ion:130 Resp: 151205
Ion Ratio Lower Upper
130 100
95 99.9 0.0 202.6



#50
Toluene-d8
Concen: 48.761 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 98 Resp: 415275
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

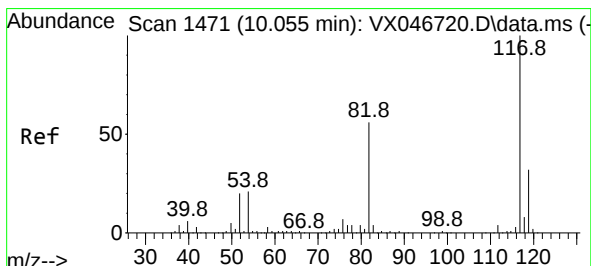
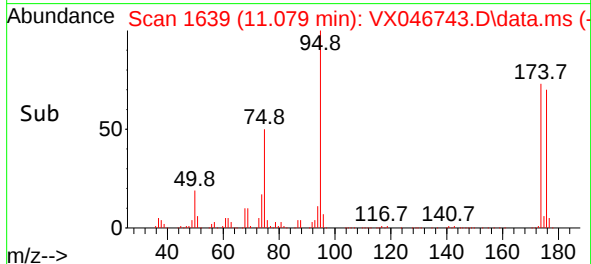
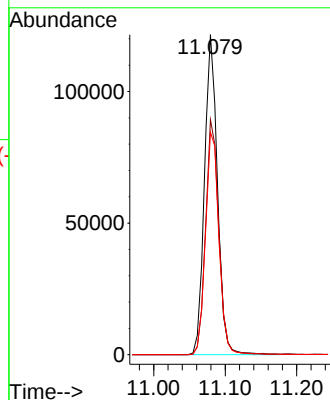
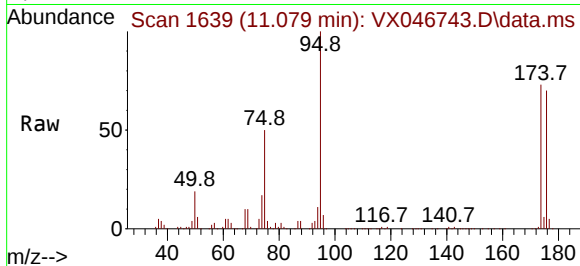




#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

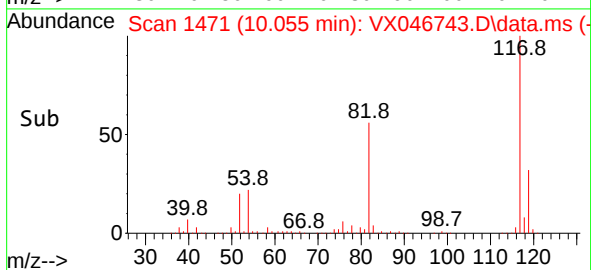
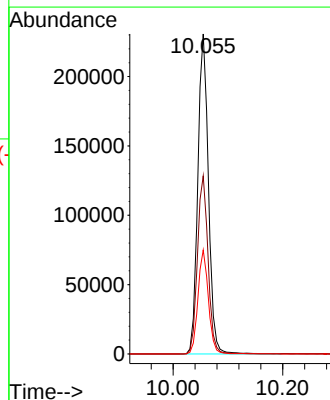
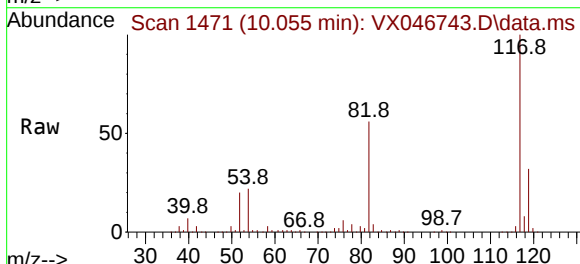
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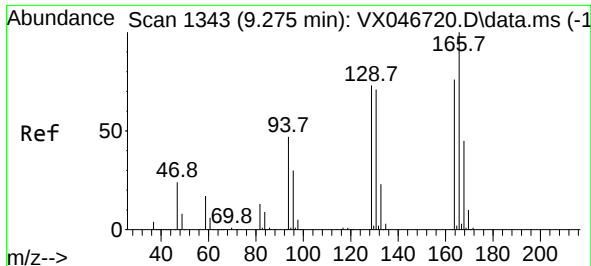
Tgt Ion: 95 Resp: 153648
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 72.1 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion: 117 Resp: 311829
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.5 25.8 38.8

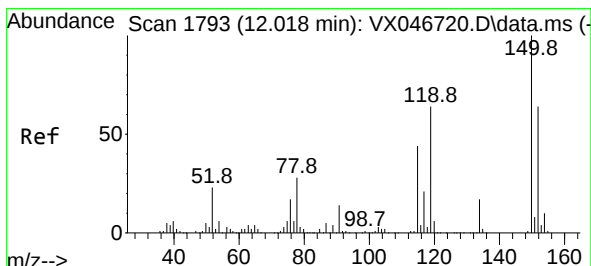
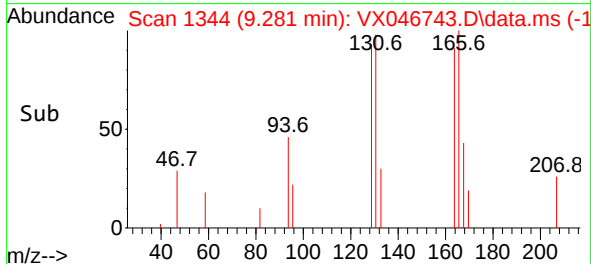
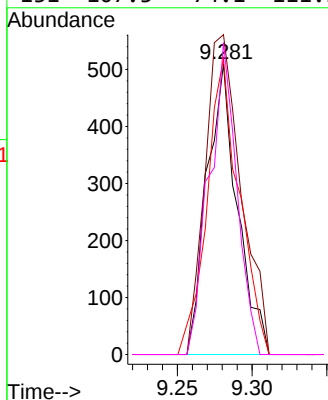
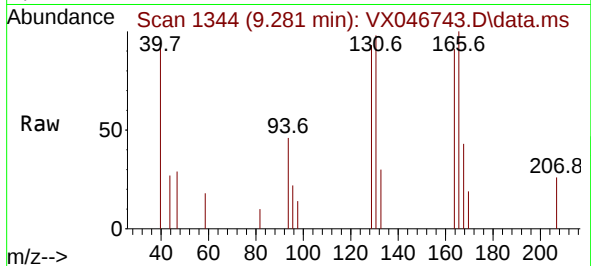




#64
Tetrachloroethene
Concen: 0.335 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	724	
Ion	Ratio	Lower	Upper
164	100		
166	110.0	104.6	157.0
129	101.8	76.3	114.5
131	107.3	74.1	111.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046743.D
Acq: 18 Jun 2025 15:24

Tgt Ion:152	Resp:	149381	
Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.2	129.6
150	156.2	0.0	346.8

