

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045423.D
 Acq On : 24 Mar 2025 18:23
 Operator : JC/MD
 Sample : Q1608-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D2-20250319

Quant Time: Mar 25 01:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

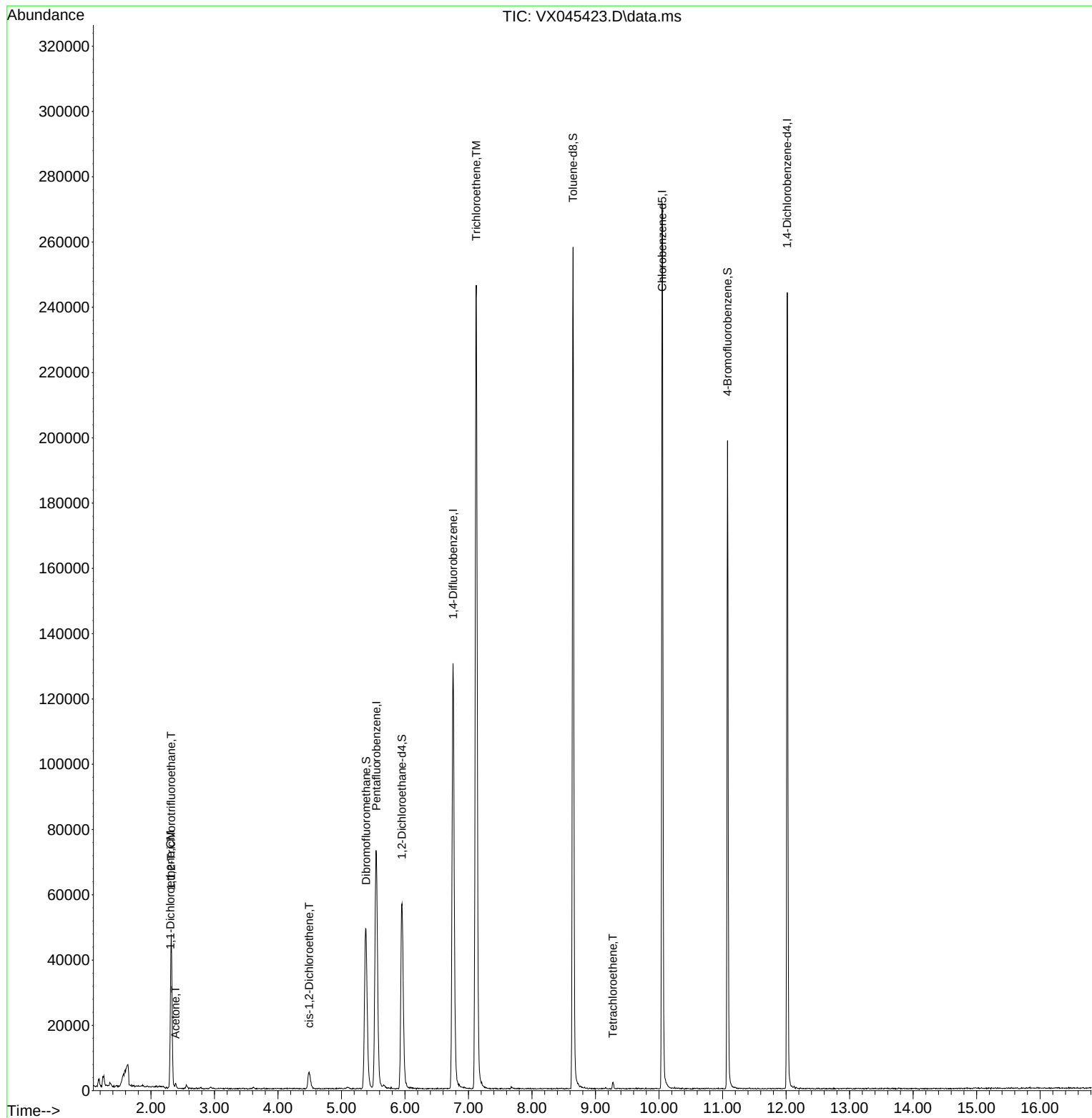
Internal Standards						
1) Pentafluorobenzene	5.550	168	64309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56168	54.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.820%	
35) Dibromofluoromethane	5.385	113	42269	50.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.647	98	149731	48.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	11.079	95	51170	50.389	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	17247	23.075	ug/l	97
12) 1,1-Dichloroethene	2.306	96	1345	1.702	ug/l #	77
16) Acetone	2.386	43	1120	2.360	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3202	3.323	ug/l	94
44) Trichloroethene	7.123	130	89647	104.295	ug/l	99
64) Tetrachloroethene	9.275	164	349	0.477	ug/l #	80

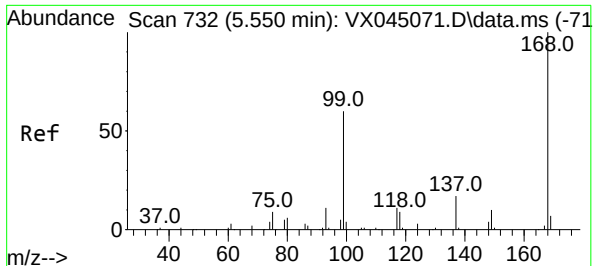
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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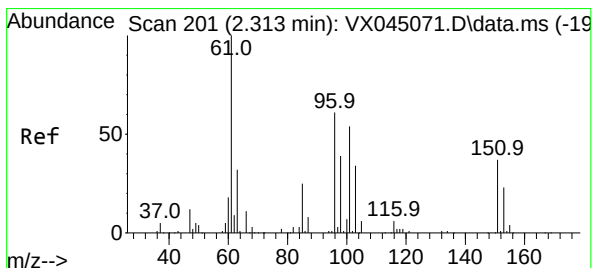
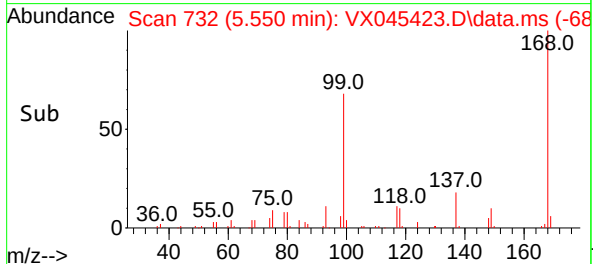
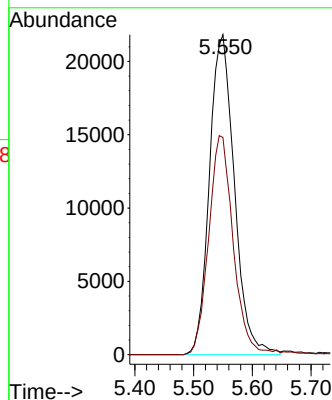
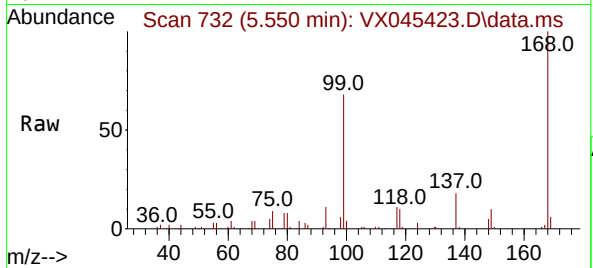




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

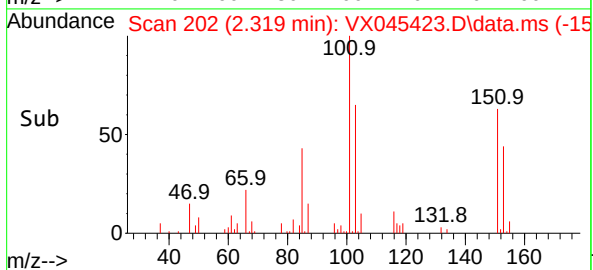
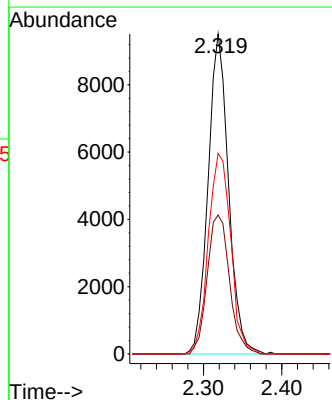
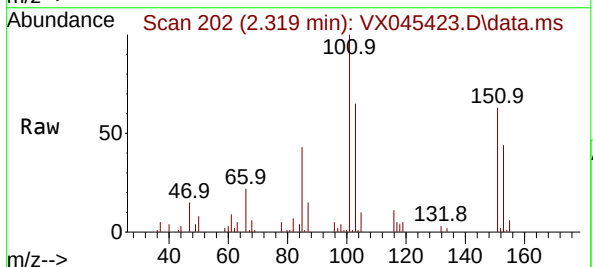
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250319

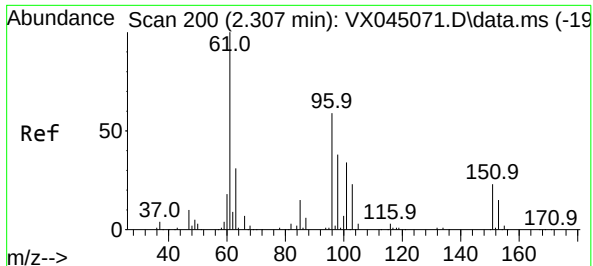
Tgt Ion:168 Resp: 64309
Ion Ratio Lower Upper
168 100
99 67.9 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.075 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Tgt Ion:101 Resp: 17247
Ion Ratio Lower Upper
101 100
85 47.4 36.2 54.4
151 68.7 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.702 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045423.D

Acq: 24 Mar 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

TT189D2-20250319

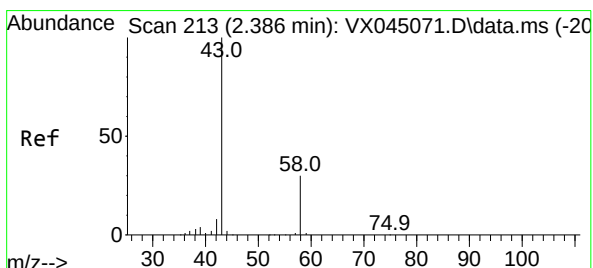
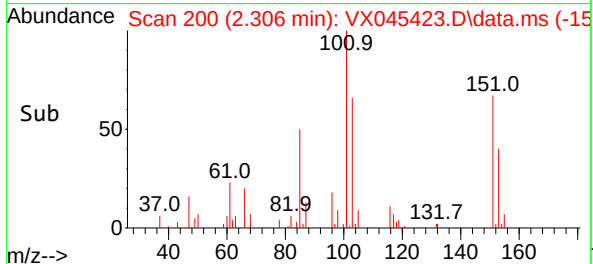
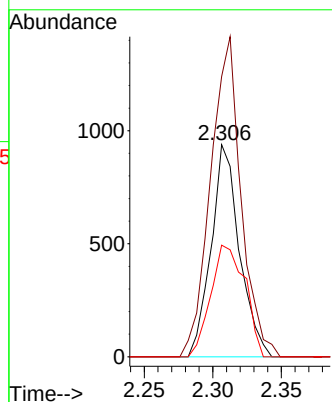
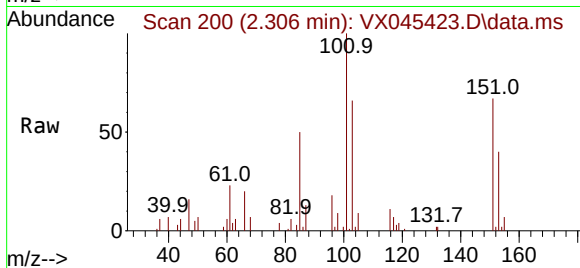
Tgt Ion: 96 Resp: 1345

Ion Ratio Lower Upper

96 100

61 132.2 134.6 202.0#

98 52.7 51.0 76.6



#16

Acetone

Concen: 2.360 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045423.D

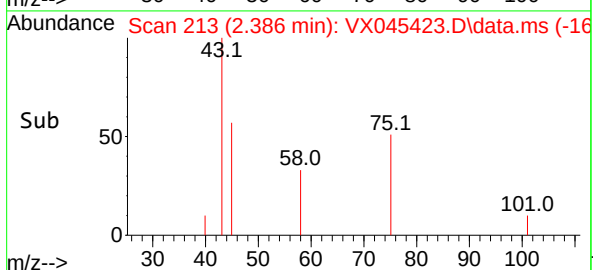
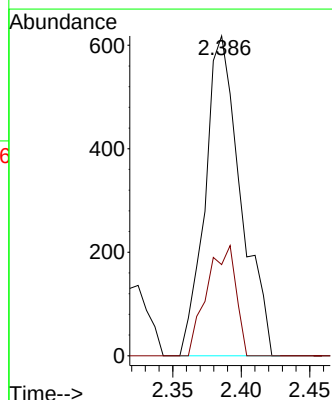
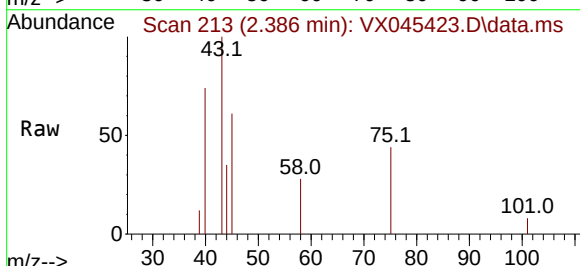
Acq: 24 Mar 2025 18:23

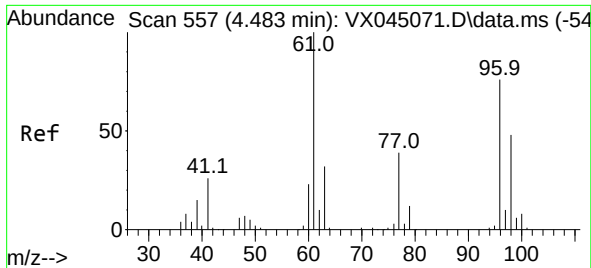
Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 3.323 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045423.D

Acq: 24 Mar 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

TT189D2-20250319

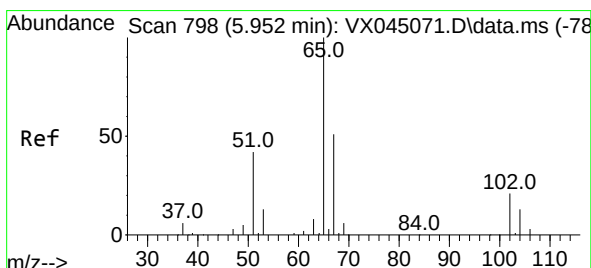
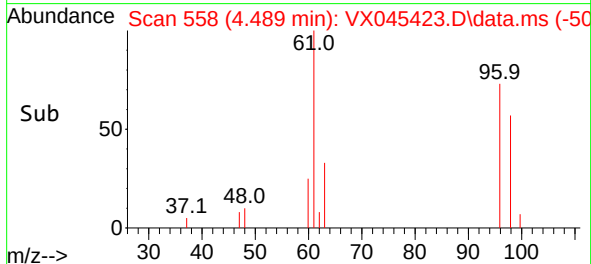
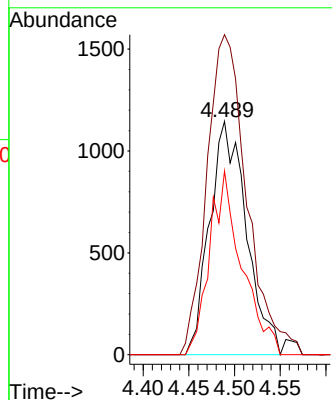
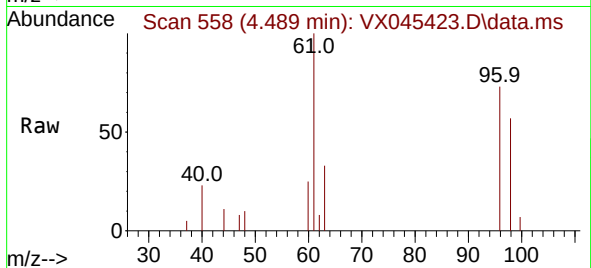
Tgt Ion: 96 Resp: 3202

Ion Ratio Lower Upper

96 100

61 149.0 0.0 283.2

98 69.0 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 54.909 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045423.D

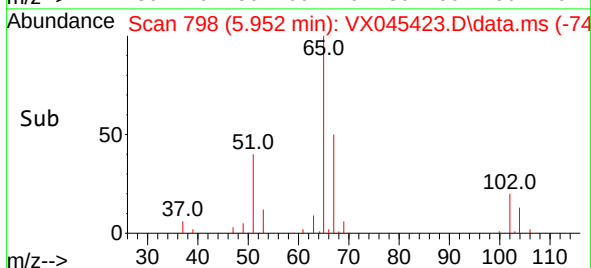
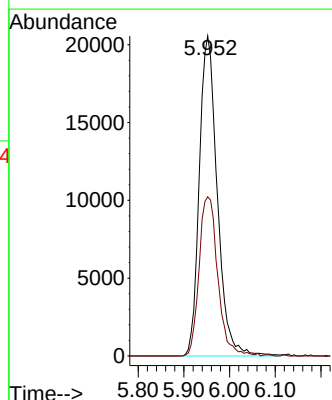
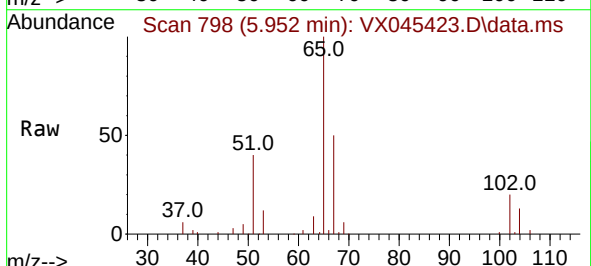
Acq: 24 Mar 2025 18:23

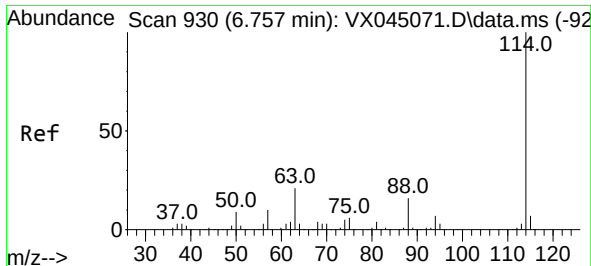
Tgt Ion: 65 Resp: 56168

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2

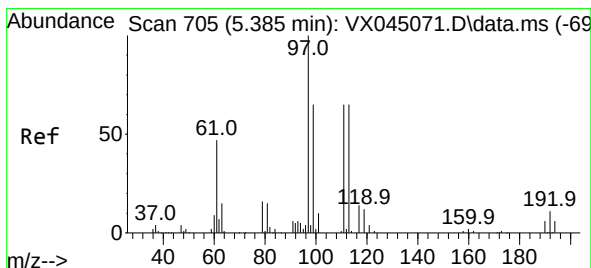
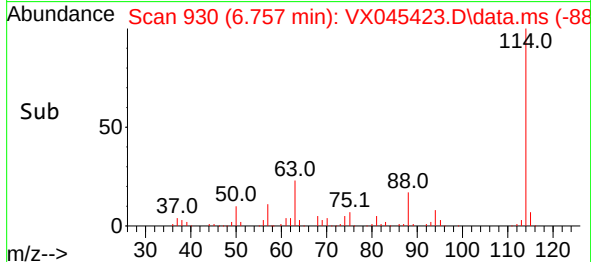
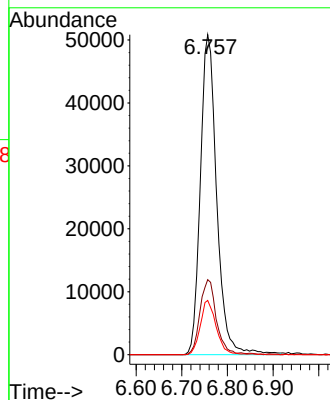
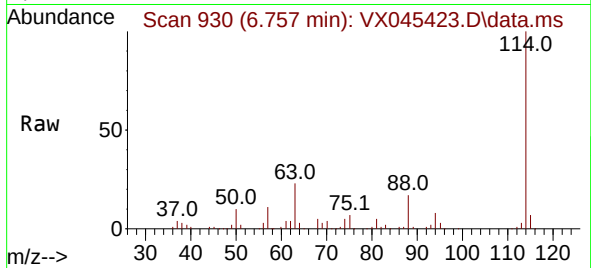




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

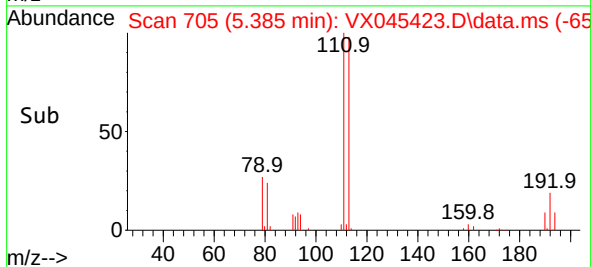
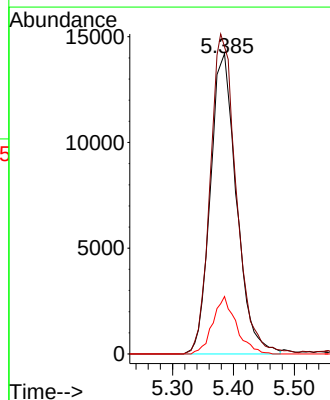
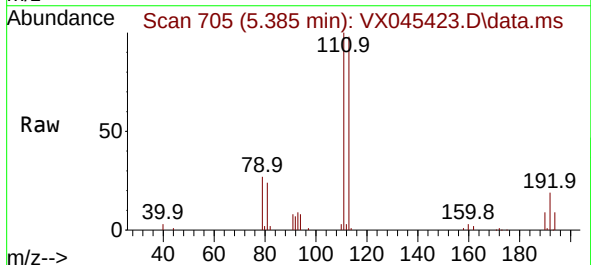
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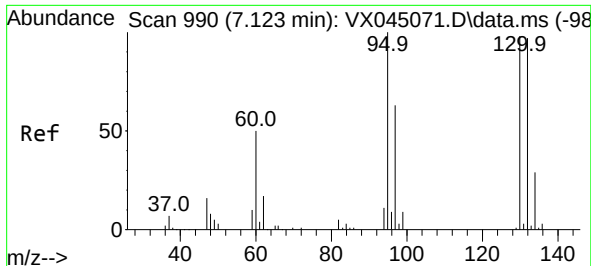
Tgt Ion:114 Resp: 126415
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Tgt Ion:113 Resp: 42269
Ion Ratio Lower Upper
113 100
111 106.7 81.8 122.6
192 17.2 14.3 21.5

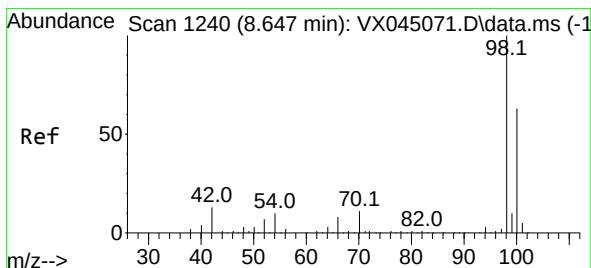
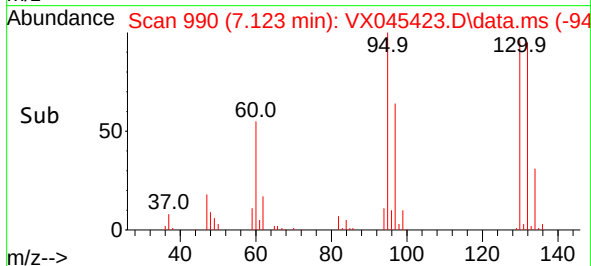
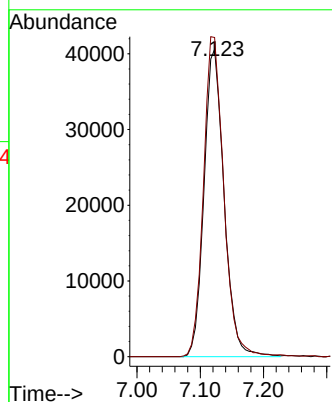
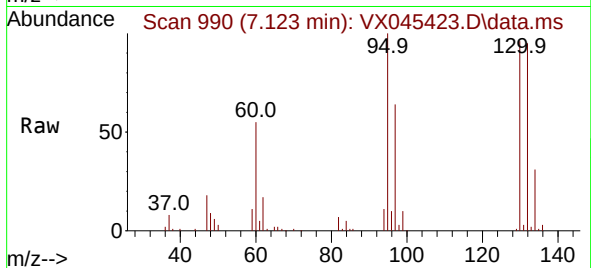




#44
Trichloroethene
Concen: 104.295 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

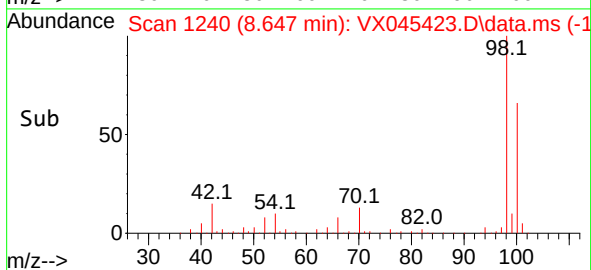
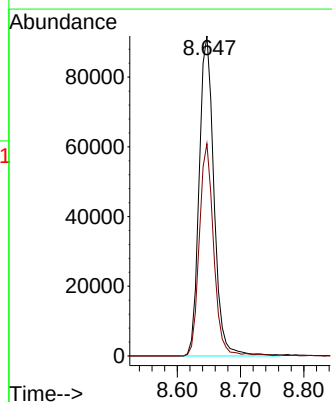
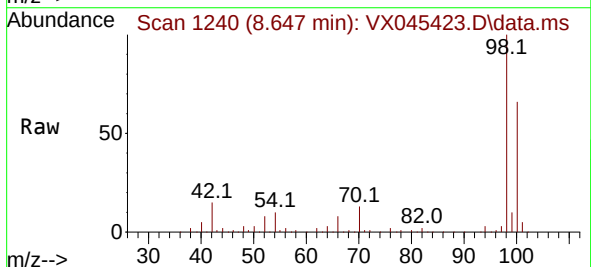
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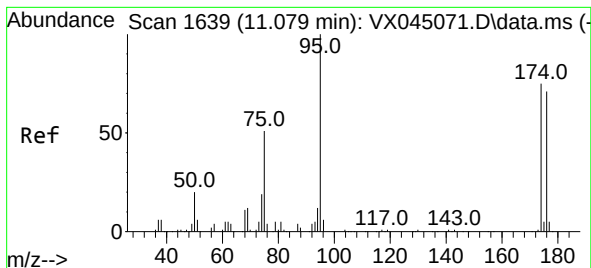
Tgt Ion:130 Resp: 89647
Ion Ratio Lower Upper
130 100
95 103.9 0.0 205.0



#50
Toluene-d8
Concen: 48.859 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Tgt Ion: 98 Resp: 149731
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

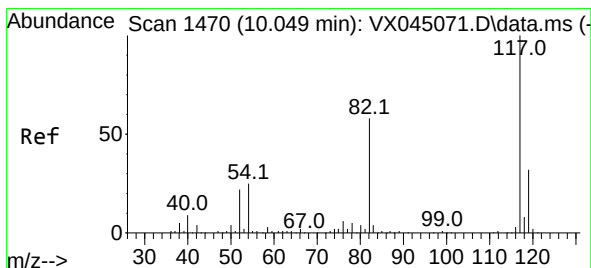
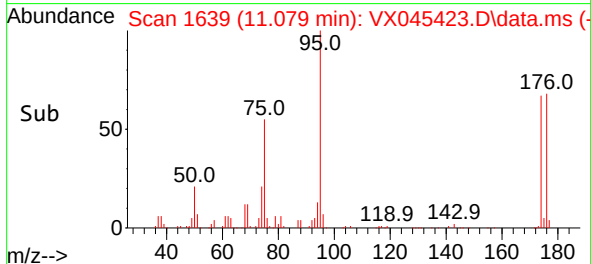
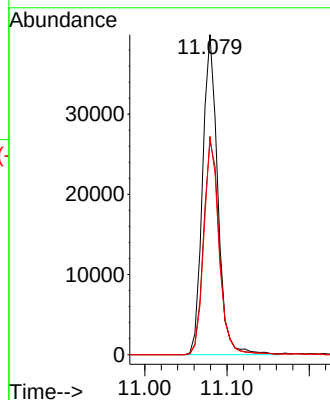
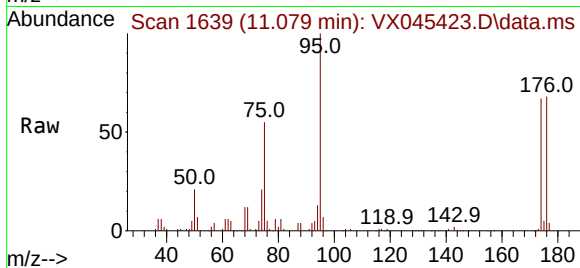




#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

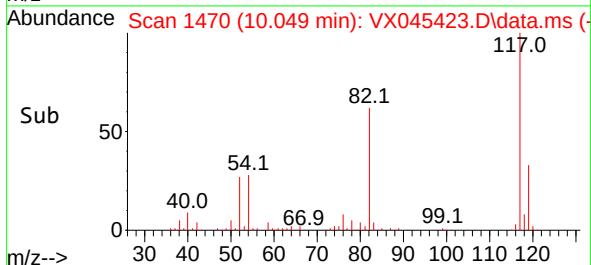
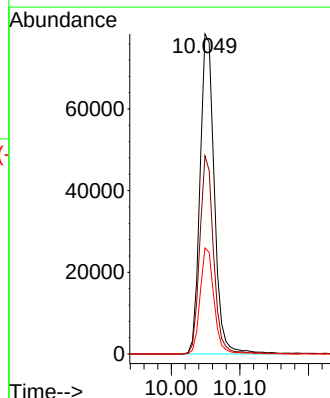
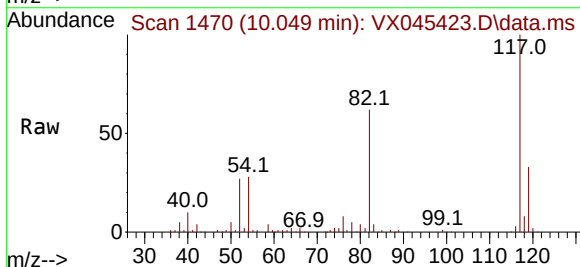
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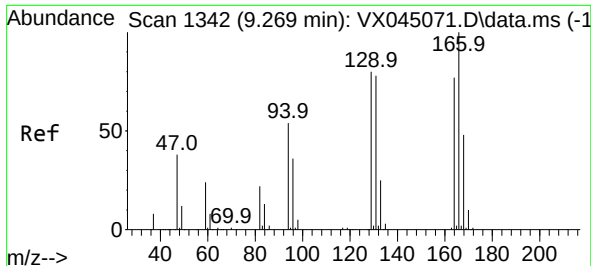
Tgt Ion: 95 Resp: 51170
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 67.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Tgt Ion: 117 Resp: 114275
Ion Ratio Lower Upper
117 100
82 61.9 46.3 69.5
119 33.1 25.7 38.5

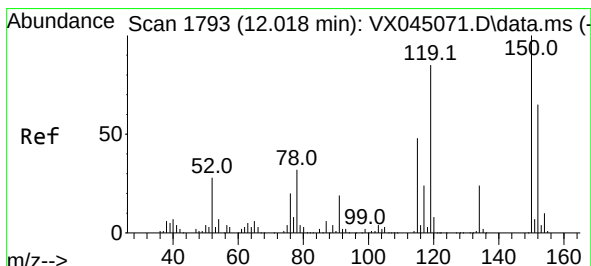
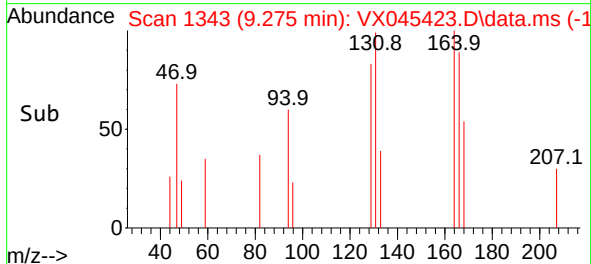
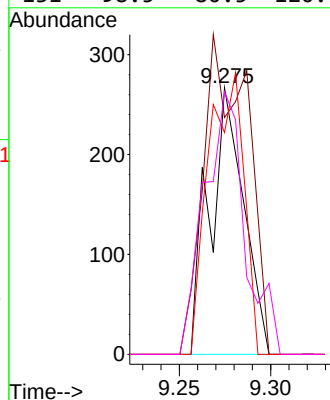
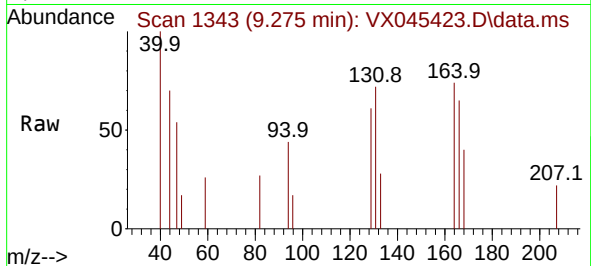




#64
Tetrachloroethene
Concen: 0.477 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20250319

Tgt Ion:164	Resp:	349	
Ion	Ratio	Lower	Upper
164	100		
166	88.8	103.6	155.4#
129	83.1	82.7	124.1
131	98.5	80.5	120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045423.D
Acq: 24 Mar 2025 18:23

Tgt Ion:152	Resp:	45637	
Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	152.7	0.0	349.0

