

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045367.D
 Acq On : 20 Mar 2025 17:32
 Operator : JC/MD
 Sample : Q1582-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20250313

Quant Time: Mar 21 01:51:51 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)

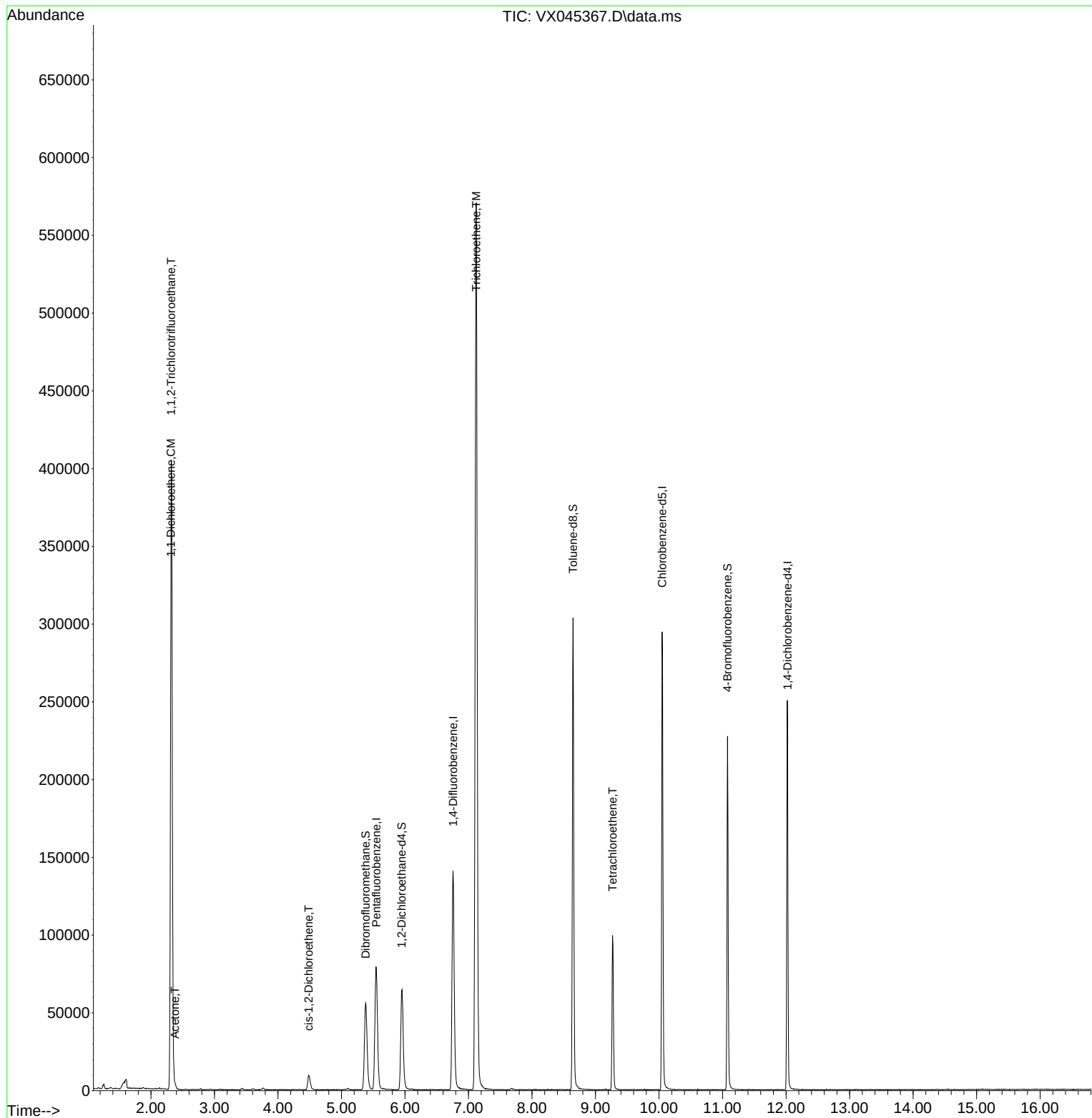
Internal Standards						
1) Pentafluorobenzene	5.550	168	69745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64084	57.765	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.520%	
35) Dibromofluoromethane	5.379	113	48835	53.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.340%	
50) Toluene-d8	8.647	98	169280	50.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	58133	52.685	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.380%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	162076	199.943	ug/l	98
12) 1,1-Dichloroethene	2.312	96	1699	1.982	ug/l	85
16) Acetone	2.380	43	832	1.616	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	5923	5.667	ug/l	95
44) Trichloroethene	7.123	130	213081	228.147	ug/l	99
64) Tetrachloroethene	9.269	164	17539	22.205	ug/l	95

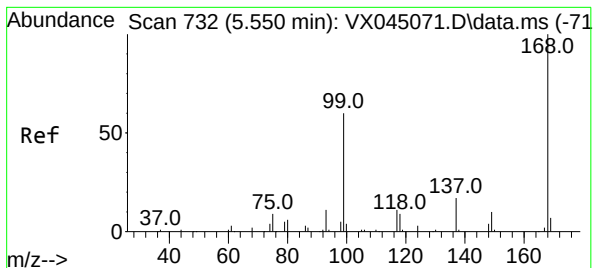
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX045367.D

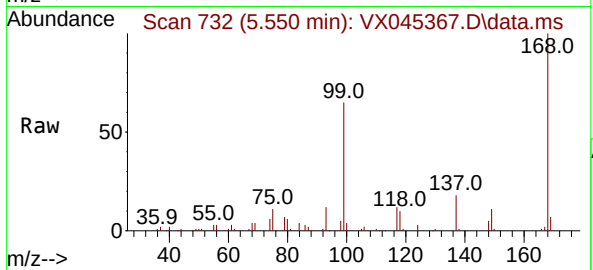
Acq: 20 Mar 2025 17:32

Instrument :

MSVOA_X

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RE131D2-20250313

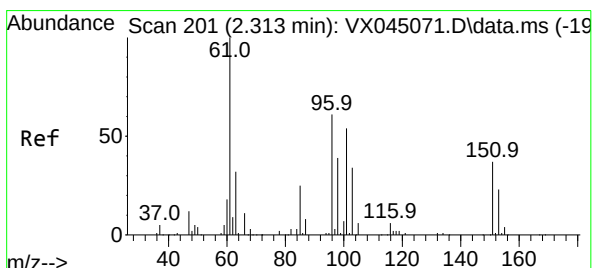
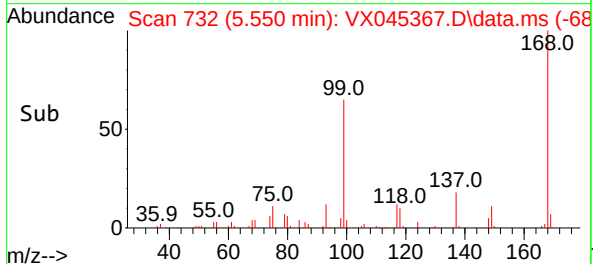
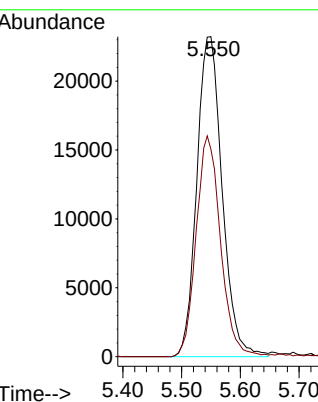


Tgt Ion:168 Resp: 69745

Ion Ratio Lower Upper

168 100

99 64.8 48.2 72.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 199.943 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX045367.D

Acq: 20 Mar 2025 17:32

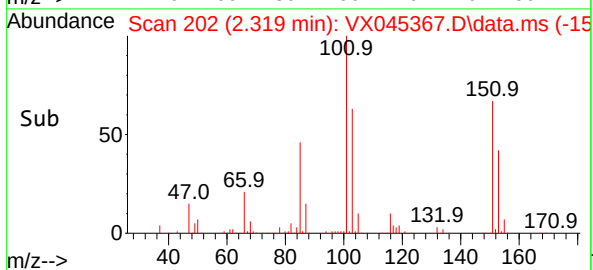
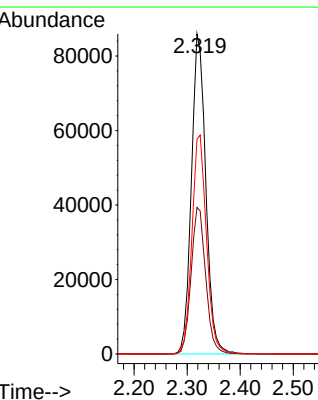
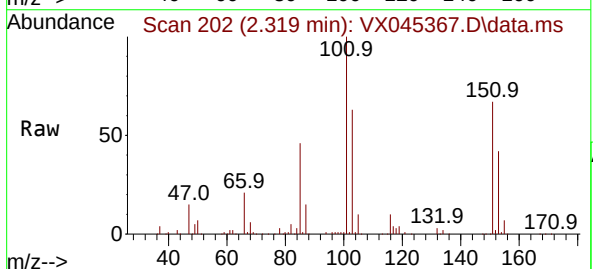
Tgt Ion:101 Resp: 162076

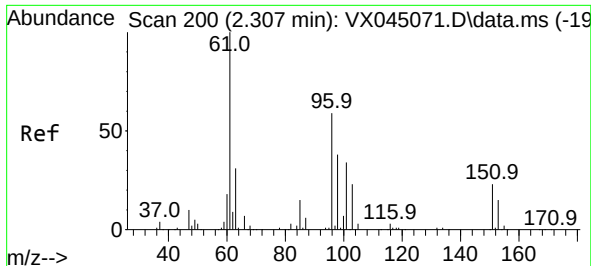
Ion Ratio Lower Upper

101 100

85 46.4 36.2 54.4

151 69.3 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.982 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045367.D

Acq: 20 Mar 2025 17:32

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250313

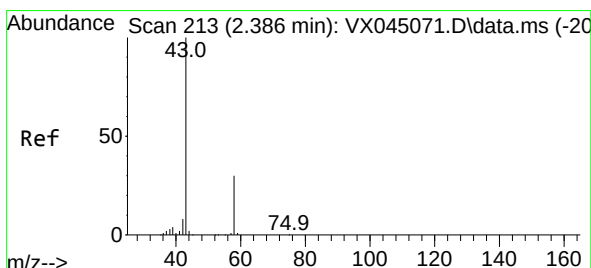
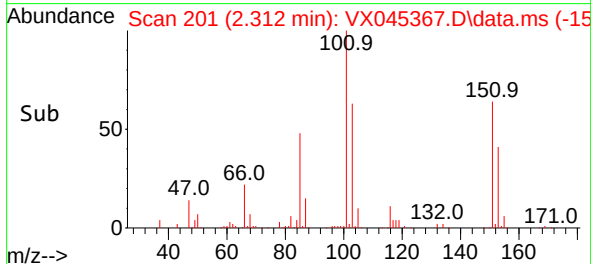
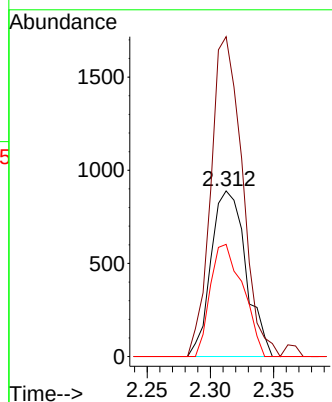
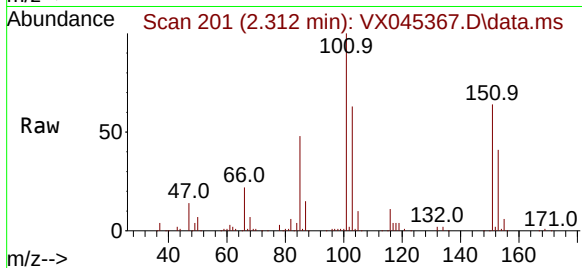
Tgt Ion: 96 Resp: 1699

Ion Ratio Lower Upper

96 100

61 193.1 134.6 202.0

98 67.7 51.0 76.6



#16

Acetone

Concen: 1.616 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045367.D

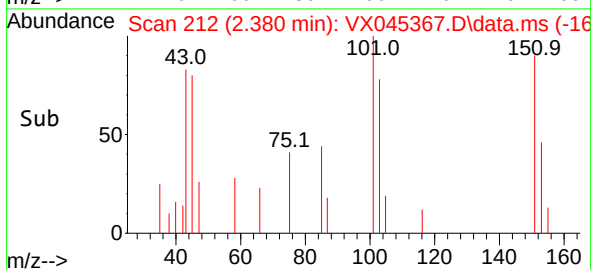
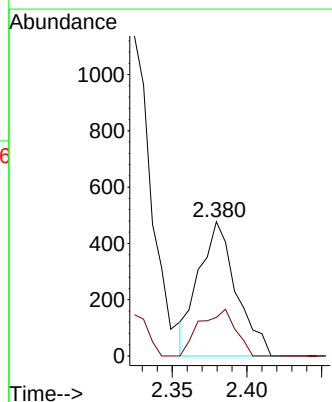
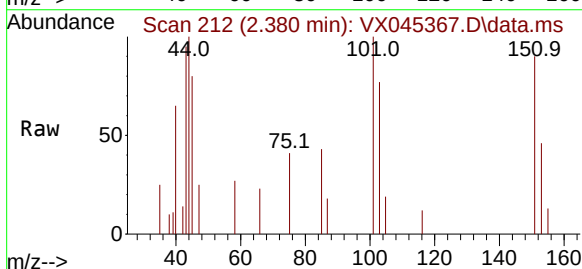
Acq: 20 Mar 2025 17:32

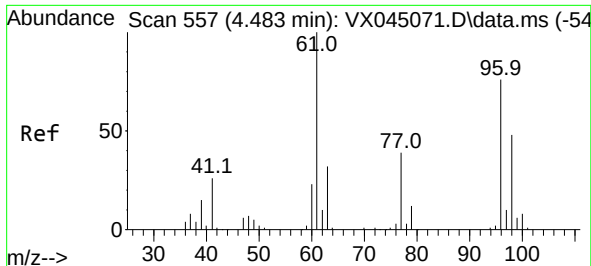
Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

58 28.7 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 5.667 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045367.D

Acq: 20 Mar 2025 17:32

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250313

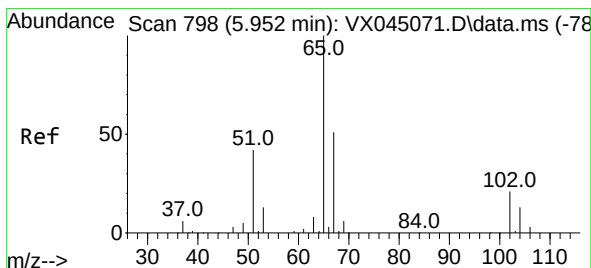
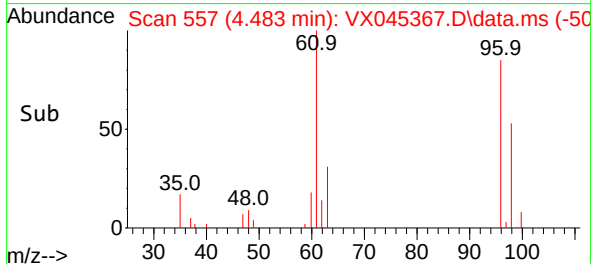
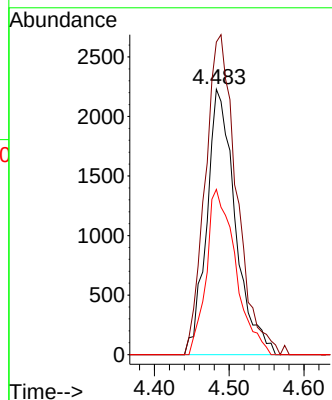
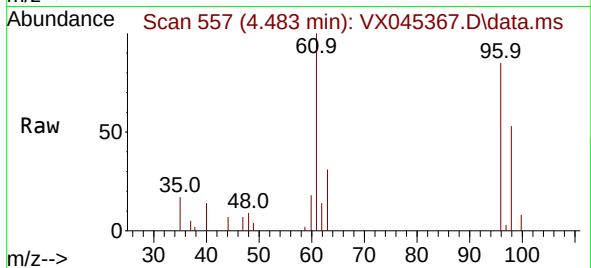
Tgt Ion: 96 Resp: 5923

Ion Ratio Lower Upper

96 100

61 132.9 0.0 283.2

98 63.7 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 57.765 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045367.D

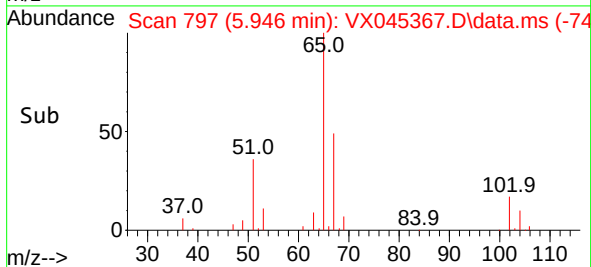
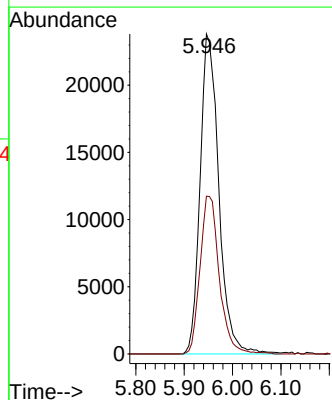
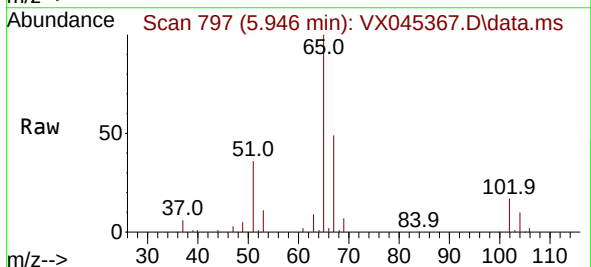
Acq: 20 Mar 2025 17:32

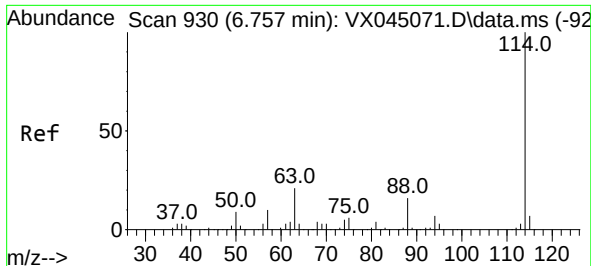
Tgt Ion: 65 Resp: 64084

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2

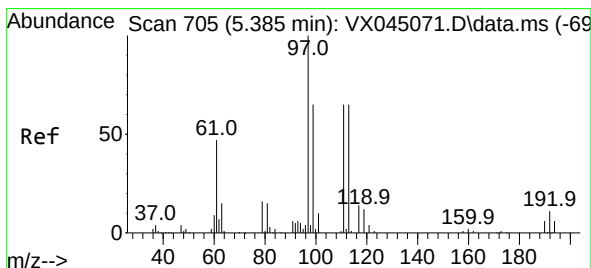
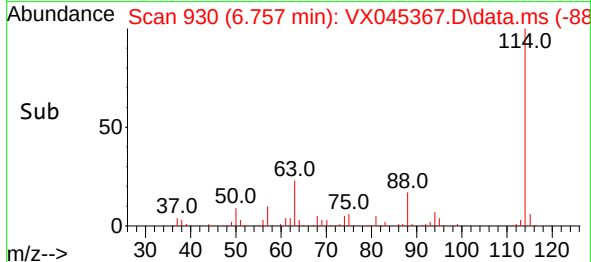
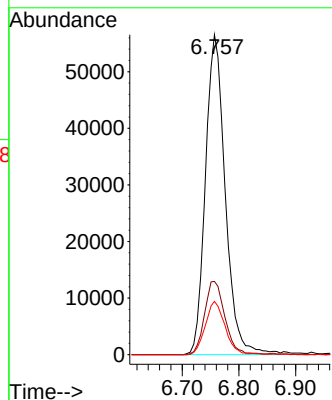
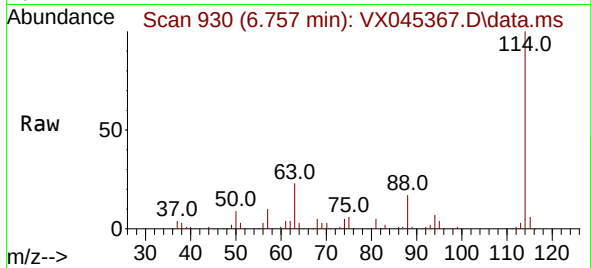




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

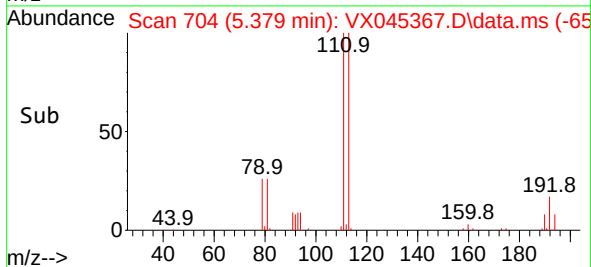
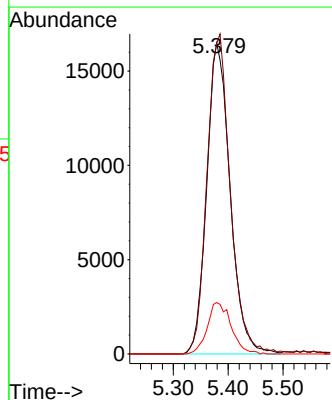
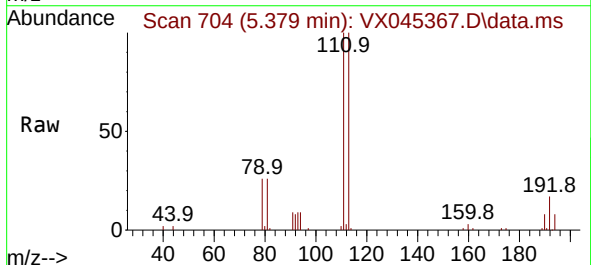
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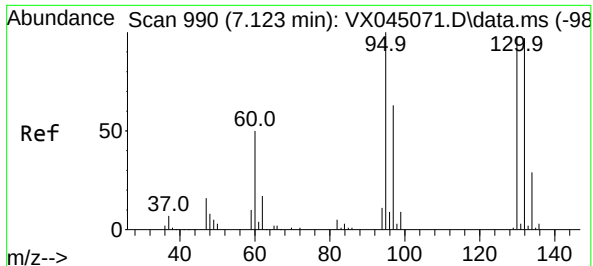
Tgt Ion:114 Resp: 137359
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.169 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

Tgt Ion:113 Resp: 48835
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.9 14.3 21.5

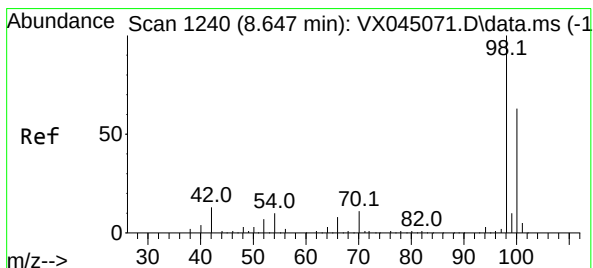
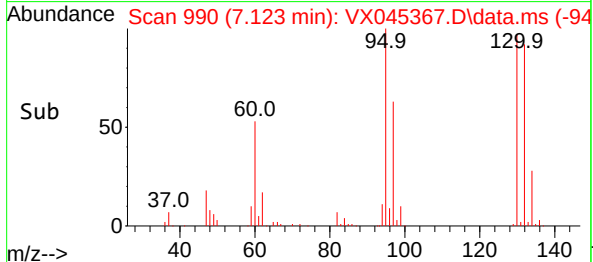
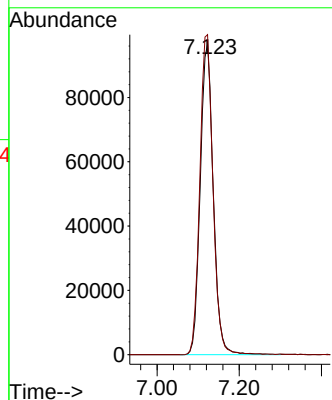
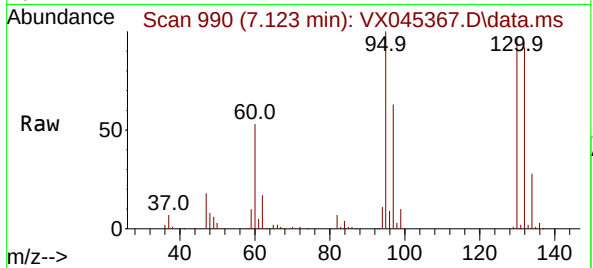




#44
Trichloroethene
Concen: 228.147 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

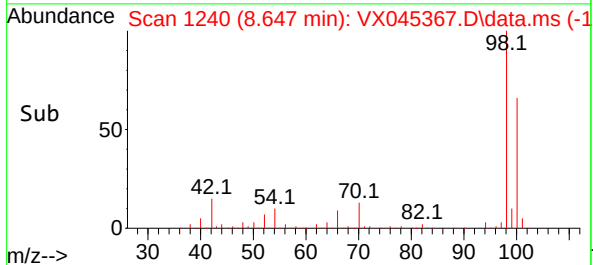
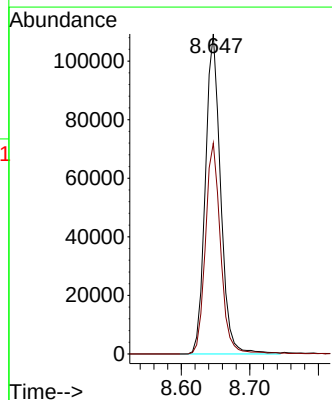
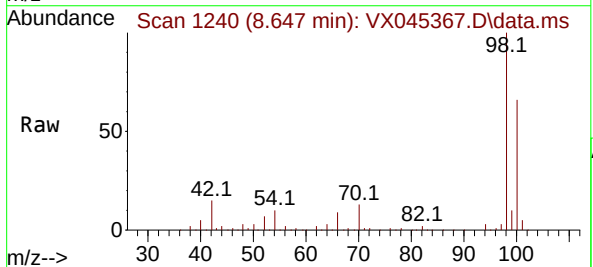
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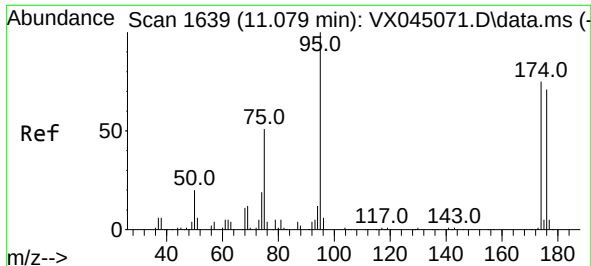
Tgt Ion:130 Resp: 213081
Ion Ratio Lower Upper
130 100
95 103.1 0.0 205.0



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

Tgt Ion: 98 Resp: 169280
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

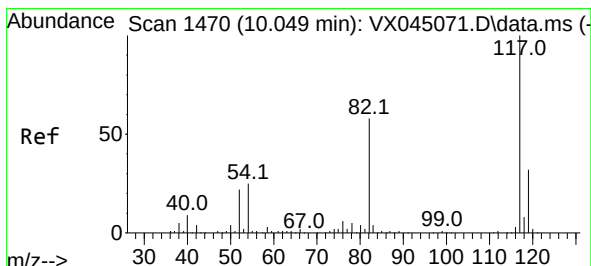
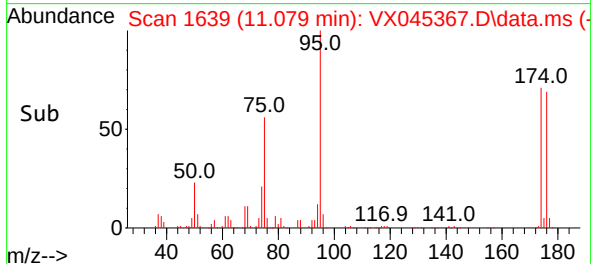
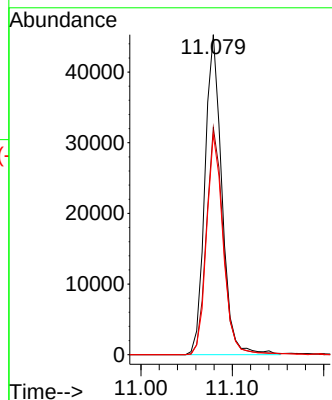
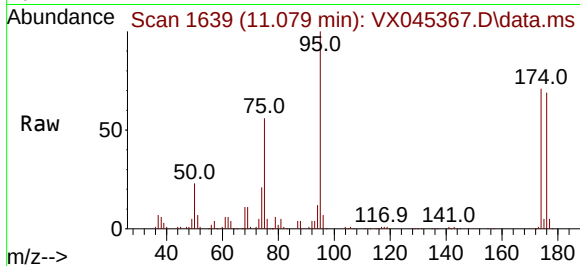




#62
4-Bromofluorobenzene
Concen: 52.685 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

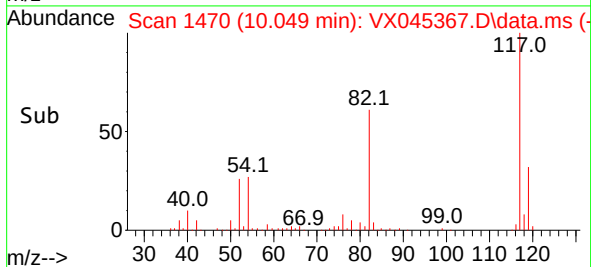
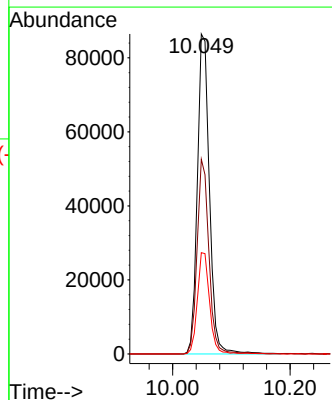
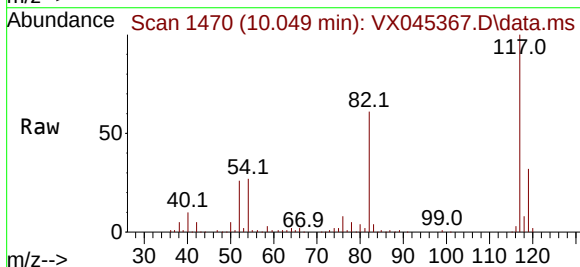
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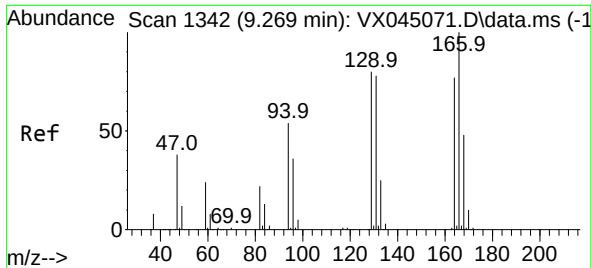
Tgt Ion: 95 Resp: 58133
Ion Ratio Lower Upper
95 100
174 71.2 0.0 148.2
176 67.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

Tgt Ion: 117 Resp: 123326
Ion Ratio Lower Upper
117 100
82 60.8 46.3 69.5
119 31.7 25.7 38.5

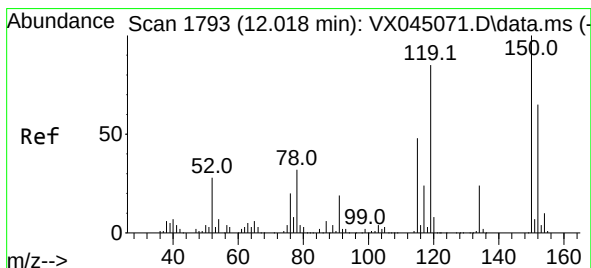
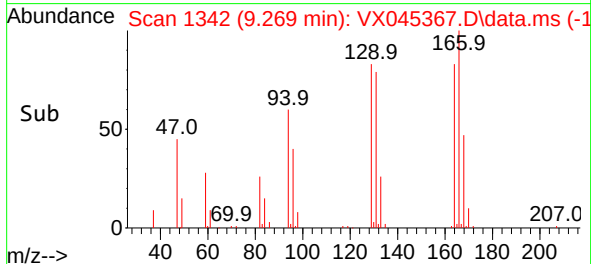
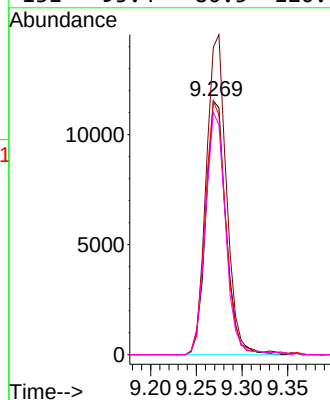
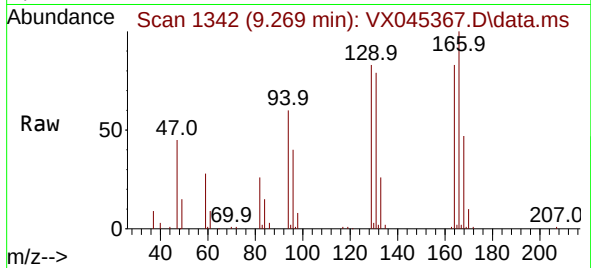




#64
Tetrachloroethene
Concen: 22.205 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250313

Tgt Ion:164	Resp:	17539
Ion	Ratio	Lower Upper
164	100	
166	121.0	103.6 155.4
129	99.9	82.7 124.1
131	95.4	80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045367.D
Acq: 20 Mar 2025 17:32

Tgt Ion:152	Resp:	47211
Ion	Ratio	Lower Upper
152	100	
115	64.4	44.2 132.6
150	159.0	0.0 349.0

