

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045417.D
 Acq On : 24 Mar 2025 16:04
 Operator : JC/MD
 Sample : Q1608-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20250318

Quant Time: Mar 25 01:36:11 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)

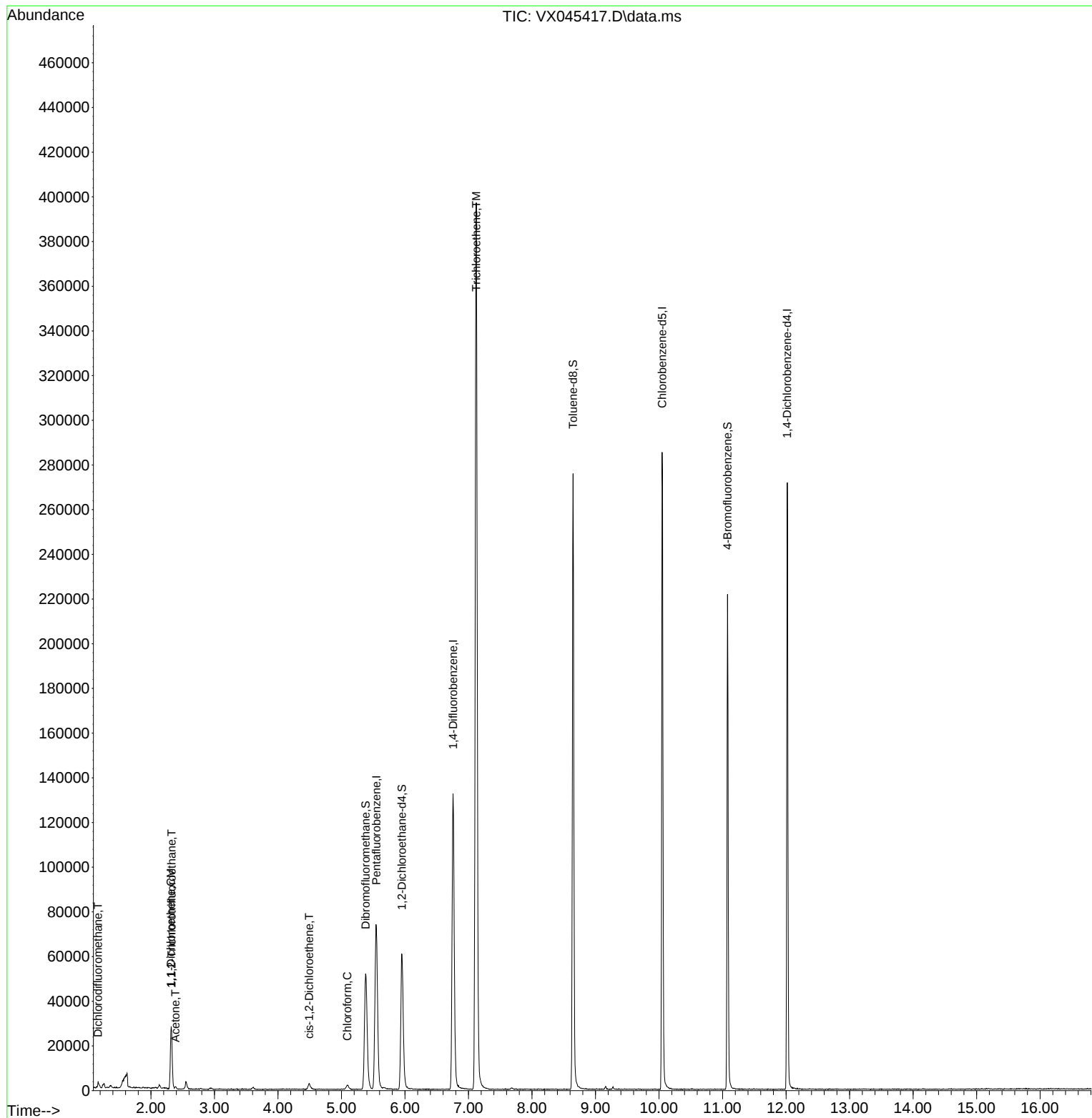
Internal Standards						
1) Pentafluorobenzene	5.550	168	64789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59465	57.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.400%	
35) Dibromofluoromethane	5.379	113	45081	52.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	8.647	98	158514	50.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	11.079	95	56895	55.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.040%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1390	1.704	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	9369	12.442	ug/l	100
12) 1,1-Dichloroethene	2.312	96	2260	2.839	ug/l #	92
16) Acetone	2.386	43	884	1.849	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	1624	1.673	ug/l	100
30) Chloroform	5.092	83	2290	1.427	ug/l #	78
44) Trichloroethene	7.123	130	144011	164.544	ug/l	98

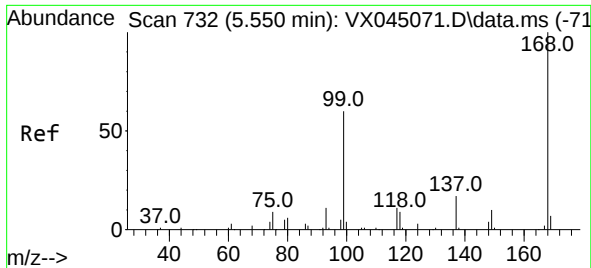
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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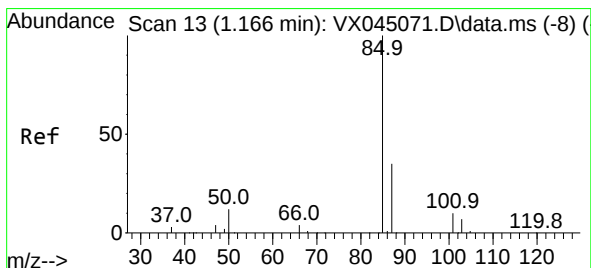
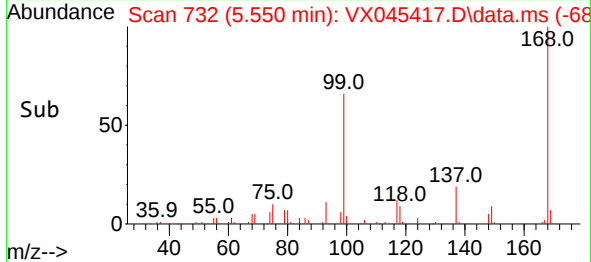
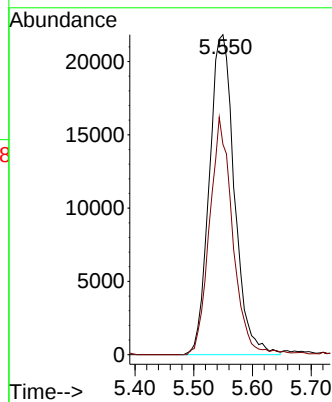
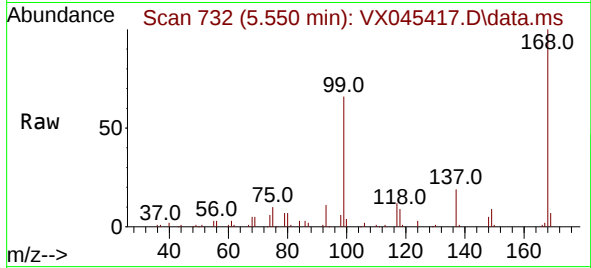




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

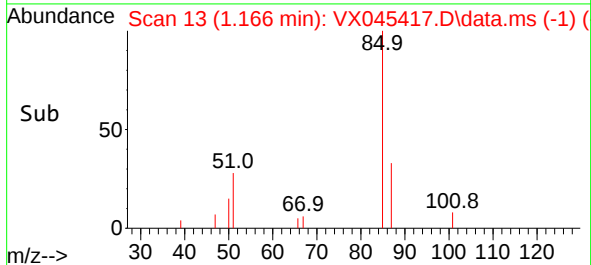
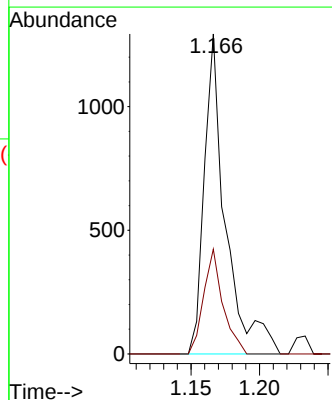
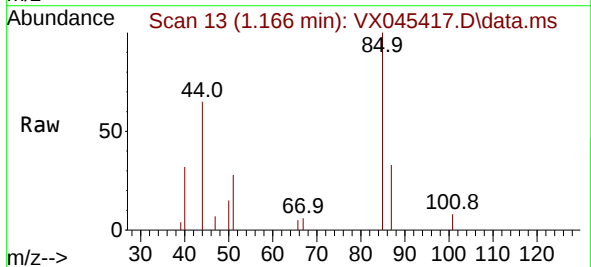
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20250318

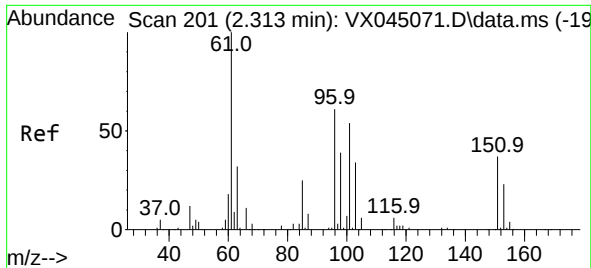
Tgt Ion:168 Resp: 64789
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.704 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

Tgt Ion: 85 Resp: 1390
Ion Ratio Lower Upper
85 100
87 32.8 17.4 52.3

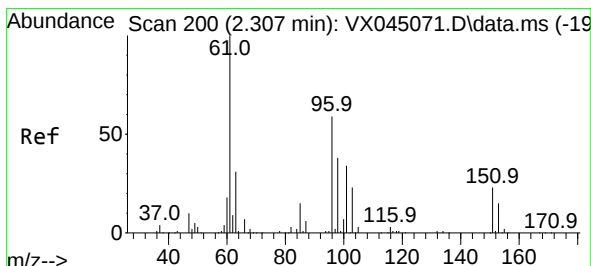
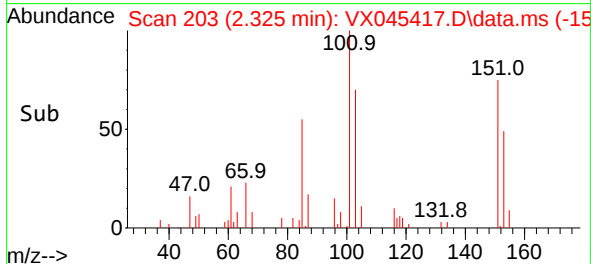
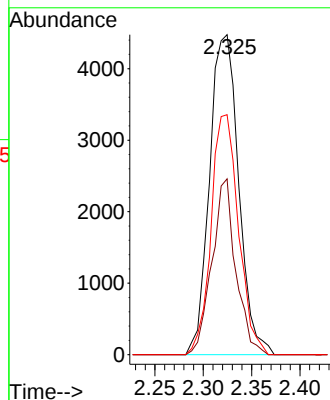
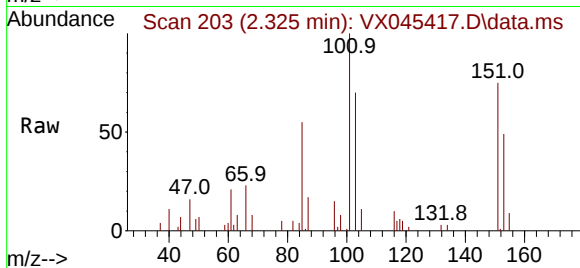




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.442 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

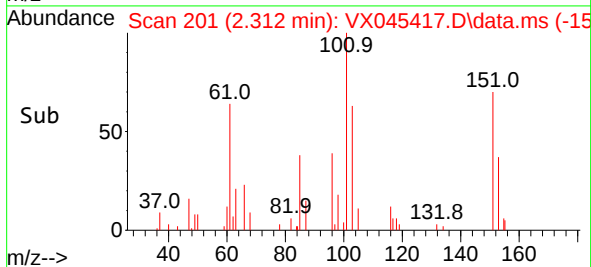
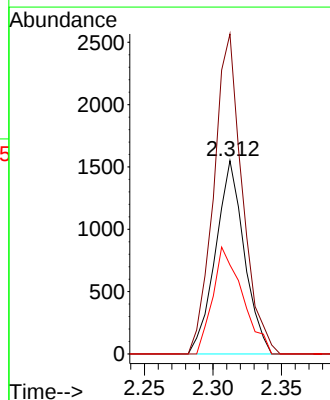
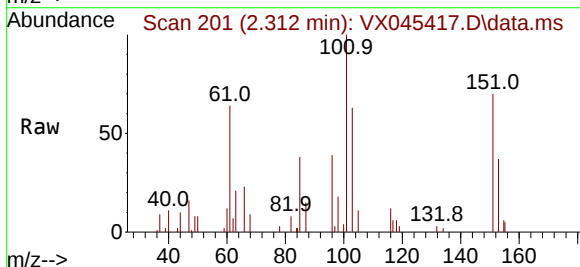
Instrument :
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ClientSampleId :
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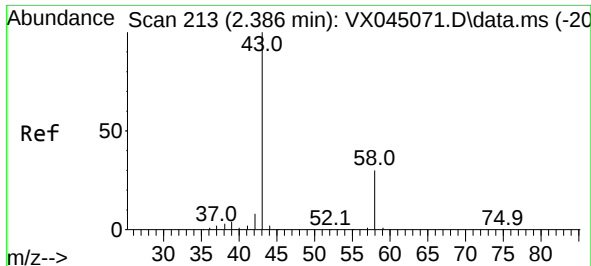
Tgt Ion:101 Resp: 9369
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.4
151 70.7 56.4 84.6



#12
1,1-Dichloroethene
Concen: 2.839 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

Tgt Ion: 96 Resp: 2260
Ion Ratio Lower Upper
96 100
61 165.6 134.6 202.0
98 46.1 51.0 76.6#

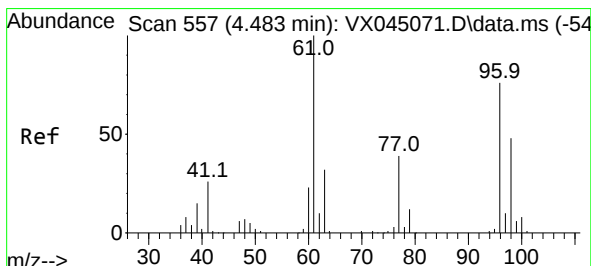
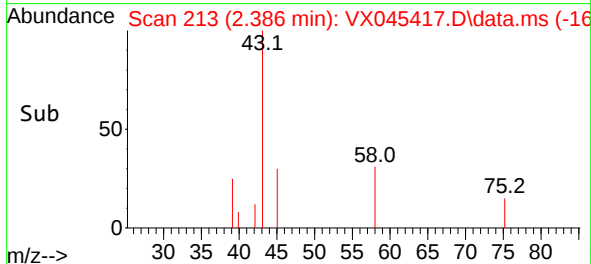
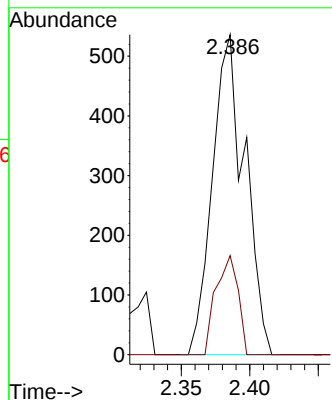
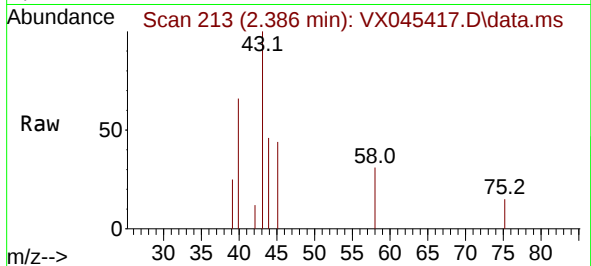




#16
Acetone
Concen: 1.849 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

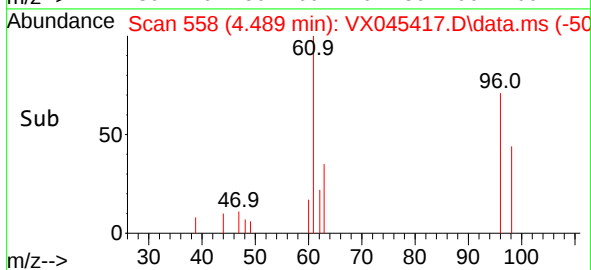
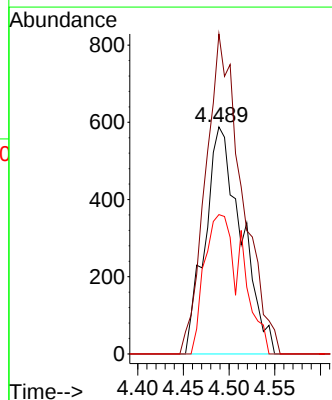
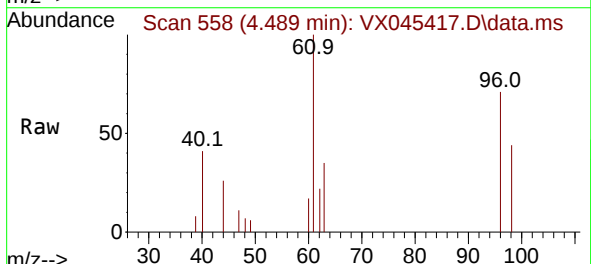
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20250318

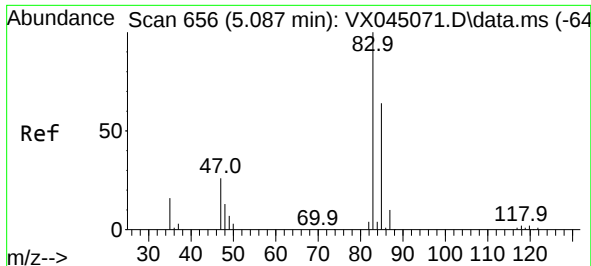
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4



#27
cis-1,2-Dichloroethene
Concen: 1.673 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

Tgt Ion: 96 Resp: 1624
Ion Ratio Lower Upper
96 100
61 141.6 0.0 283.2
98 63.7 0.0 128.0





#30

Chloroform

Concen: 1.427 ug/l

RT: 5.092 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX045417.D

Acq: 24 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

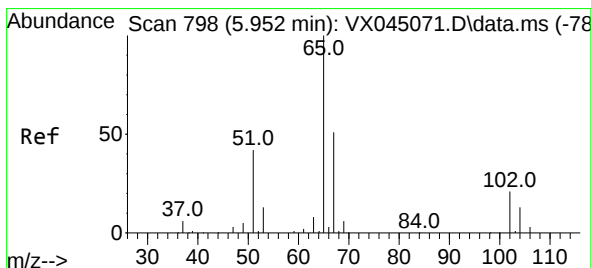
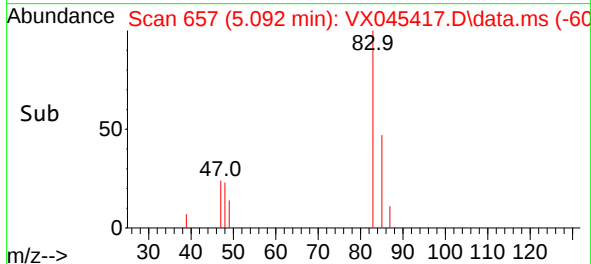
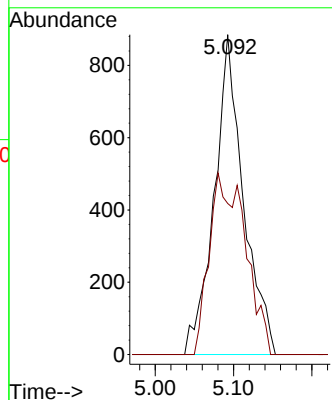
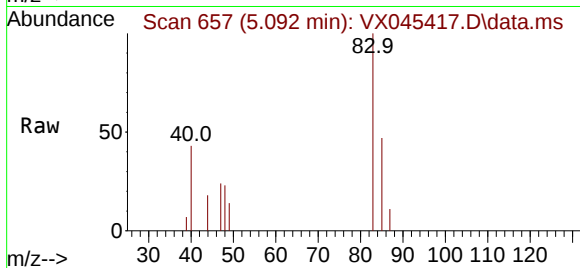
RE132D5-20250318

Tgt Ion: 83 Resp: 2290

Ion Ratio Lower Upper

83 100

85 47.2 51.4 77.2#



#33

1,2-Dichloroethane-d4

Concen: 57.701 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045417.D

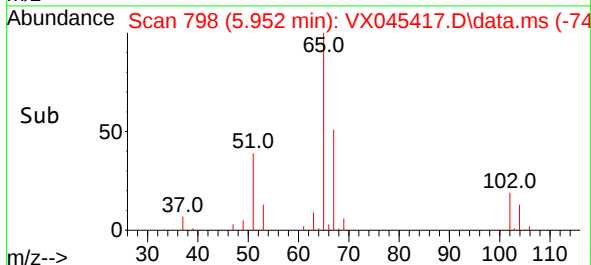
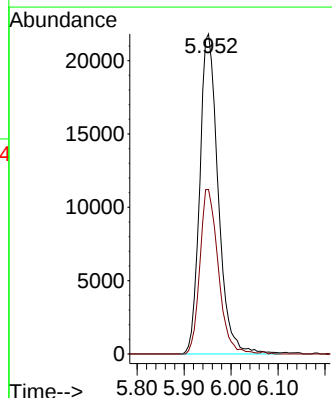
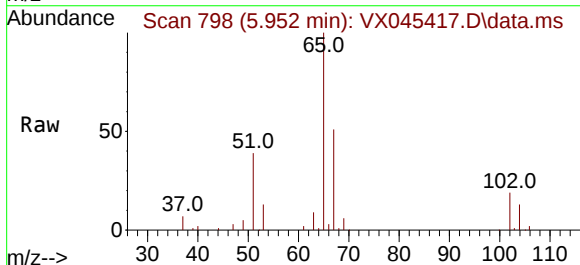
Acq: 24 Mar 2025 16:04

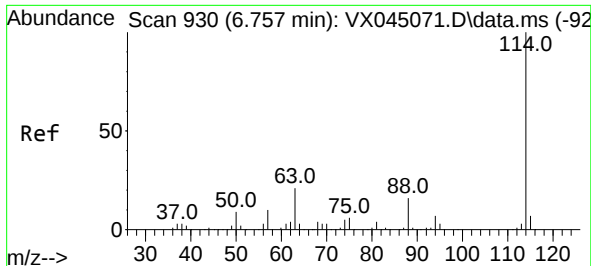
Tgt Ion: 65 Resp: 59465

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2

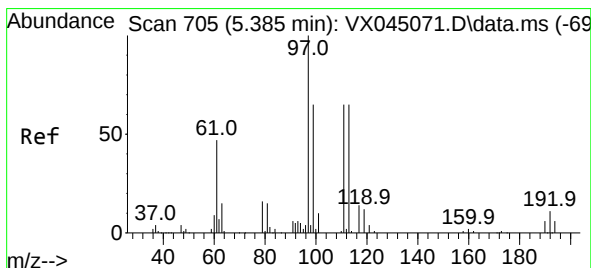
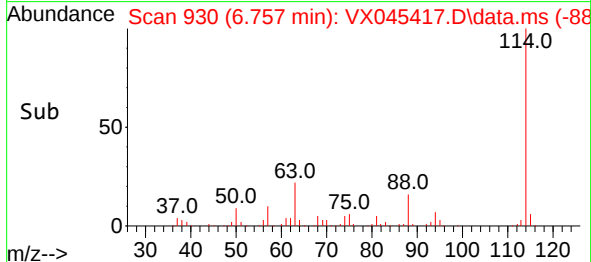
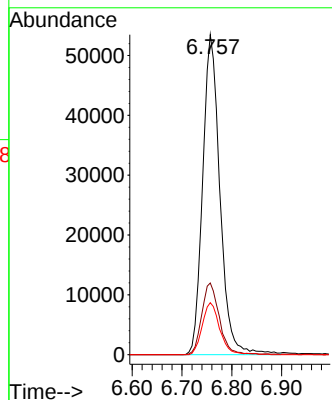
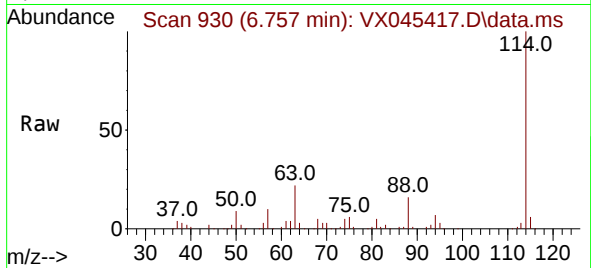




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

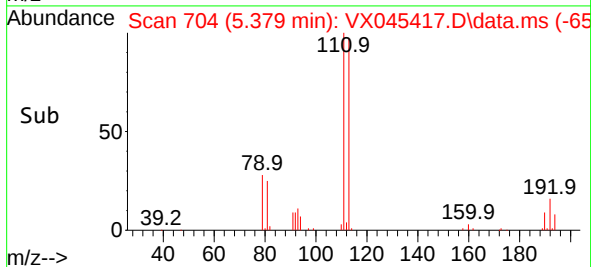
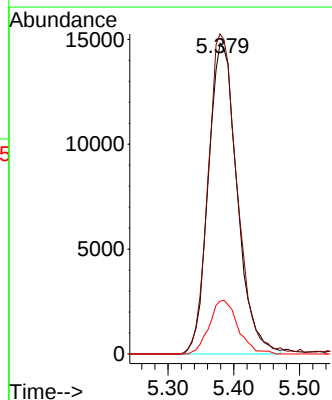
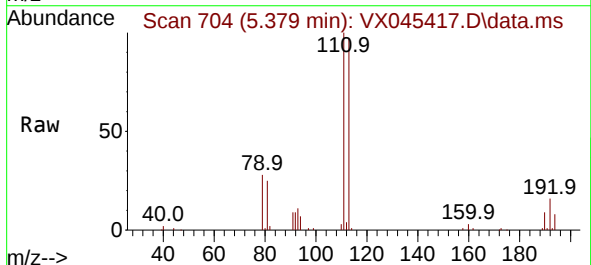
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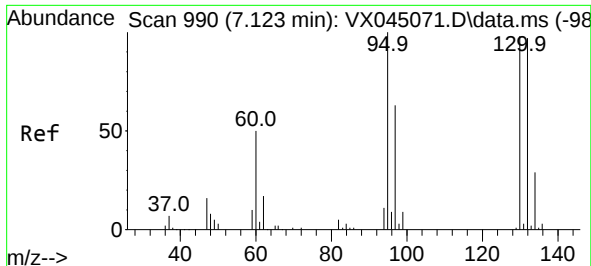
Tgt Ion:114 Resp: 128718
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.377 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

Tgt Ion:113 Resp: 45081
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.2 14.3 21.5

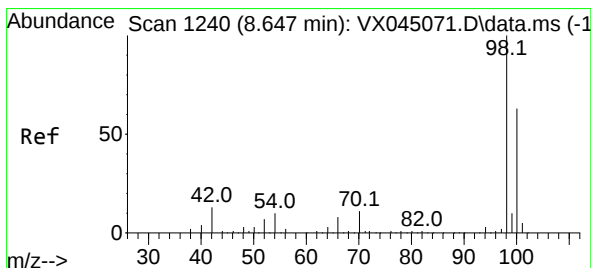
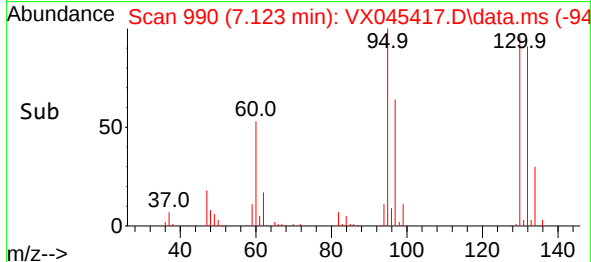
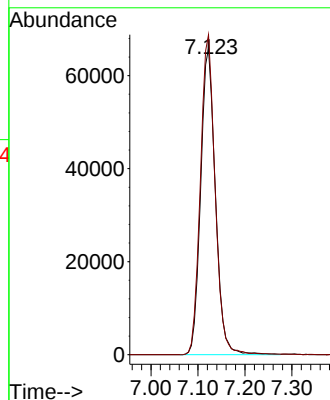
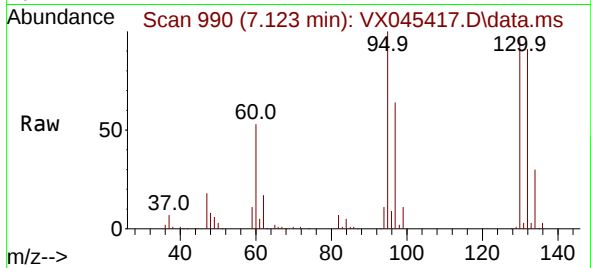




#44
Trichloroethene
Concen: 164.544 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

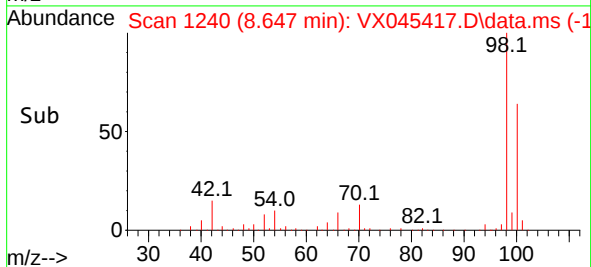
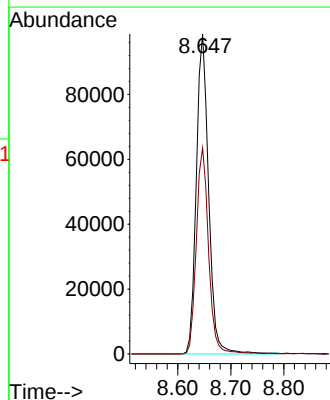
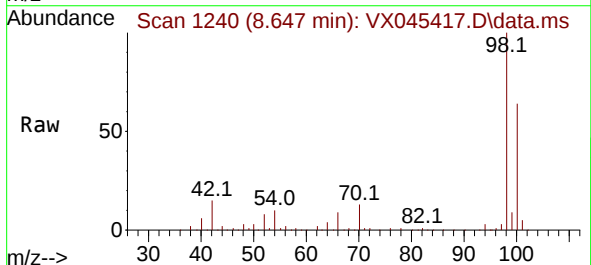
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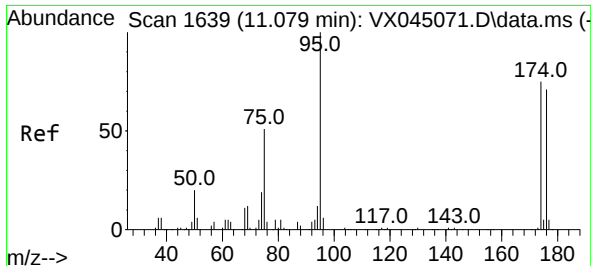
Tgt Ion:130 Resp: 144011
Ion Ratio Lower Upper
130 100
95 104.5 0.0 205.0



#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045417.D
Acq: 24 Mar 2025 16:04

Tgt Ion: 98 Resp: 158514
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 55.025 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045417.D

Acq: 24 Mar 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20250318

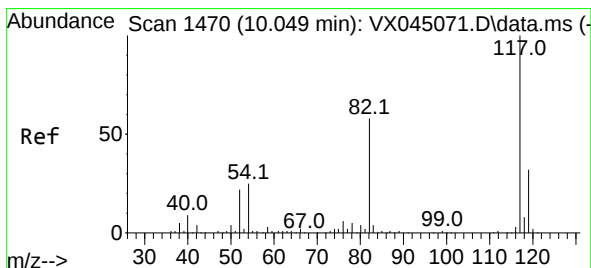
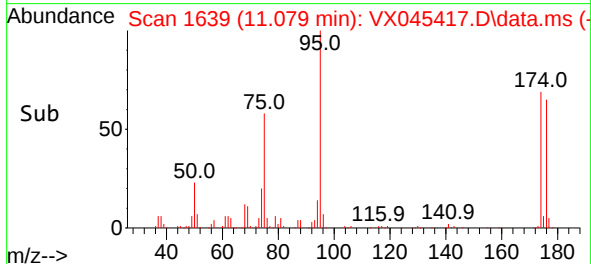
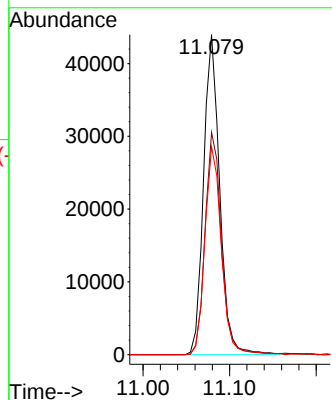
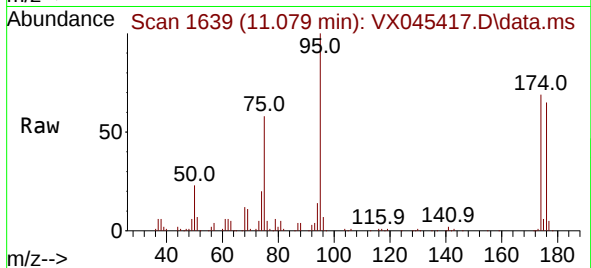
Tgt Ion: 95 Resp: 56895

Ion Ratio Lower Upper

95 100

174 70.4 0.0 148.2

176 66.8 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: VX045417.D

Acq: 24 Mar 2025 16:04

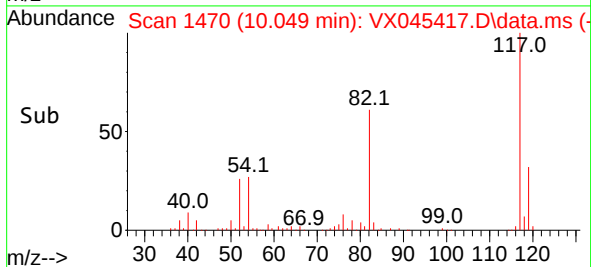
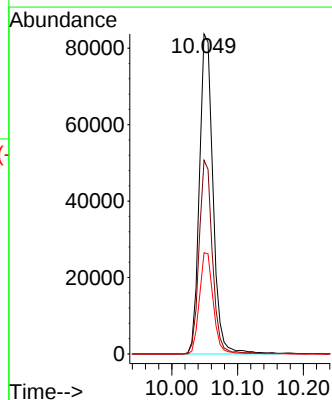
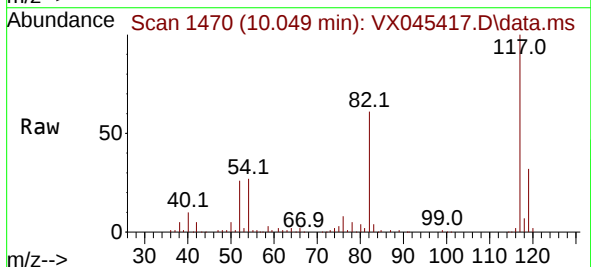
Tgt Ion: 117 Resp: 120307

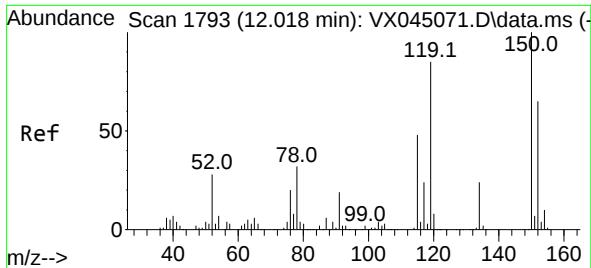
Ion Ratio Lower Upper

117 100

82 60.5 46.3 69.5

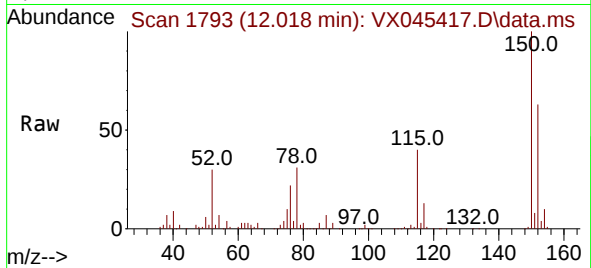
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045417.D
 Acq: 24 Mar 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 50372
 Ion Ratio Lower Upper
 152 100
 115 64.6 44.2 132.6
 150 160.1 0.0 349.0

