

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045619.D
 Acq On : 07 Apr 2025 11:23
 Operator : JC/MD
 Sample : Q1731-04 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-040325

Quant Time: Apr 07 14:39:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

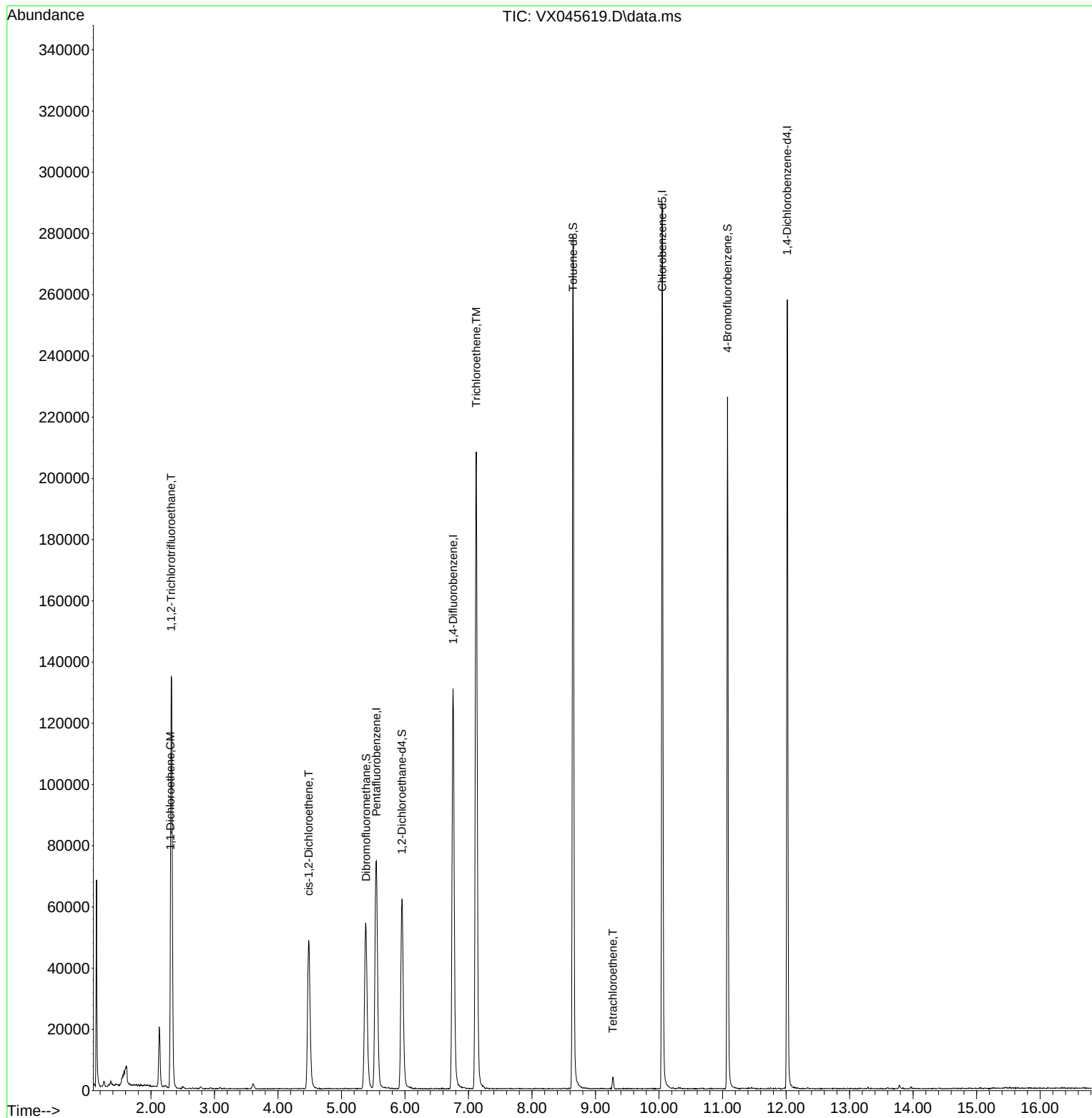
Internal Standards						
1) Pentafluorobenzene	5.550	168	64989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63693	53.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	5.385	113	46602	51.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.647	98	161473	51.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	11.079	95	59465	52.105	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	52944	66.308	ug/l	98
12) 1,1-Dichloroethene	2.306	96	735	0.942	ug/l #	44
27) cis-1,2-Dichloroethene	4.483	96	29406	30.282	ug/l	92
44) Trichloroethene	7.123	130	75209	85.483	ug/l	95
64) Tetrachloroethene	9.275	164	647	0.771	ug/l #	74

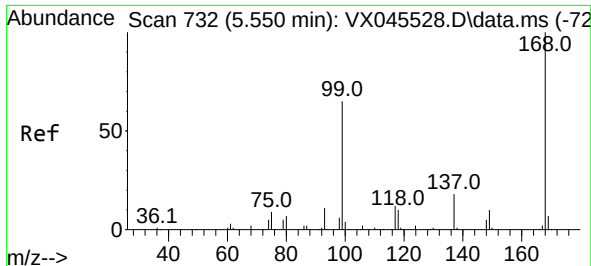
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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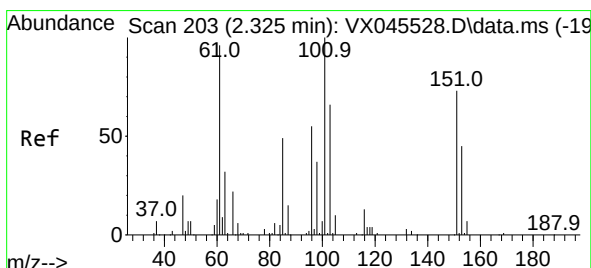
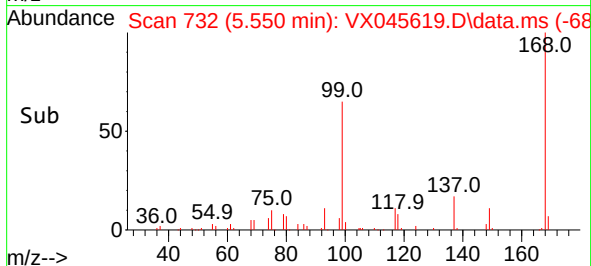
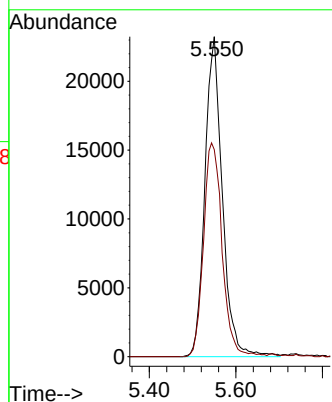
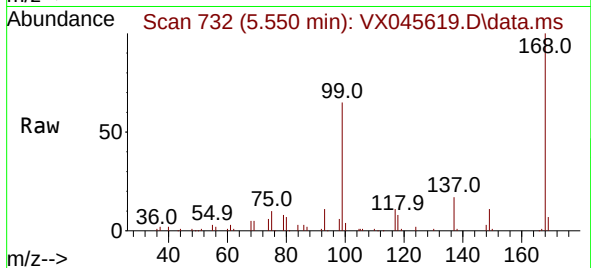




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

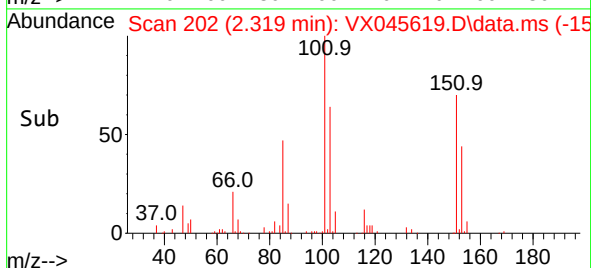
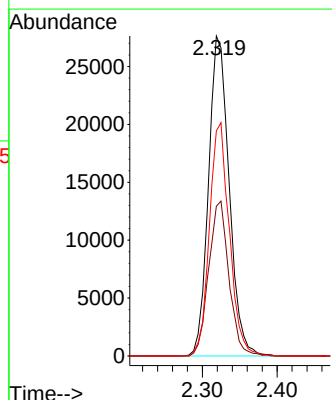
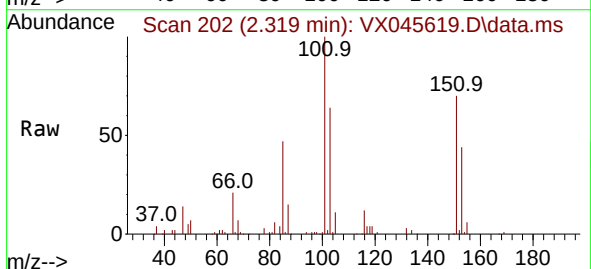
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ClientSampleId :
RMW-03B-90-040325

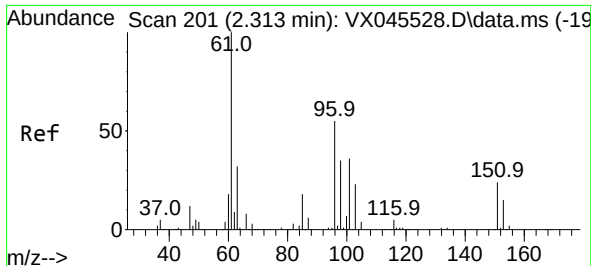
Tgt Ion:168 Resp: 64989
Ion Ratio Lower Upper
168 100
99 64.7 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 66.308 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

Tgt Ion:101 Resp: 52944
Ion Ratio Lower Upper
101 100
85 47.6 38.9 58.3
151 70.6 57.5 86.3

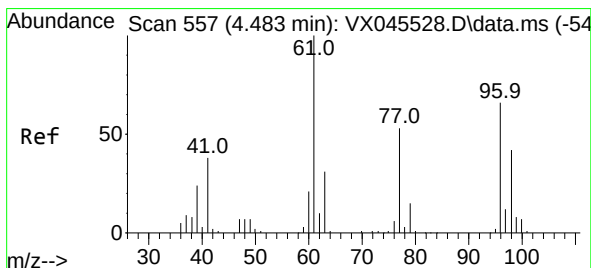
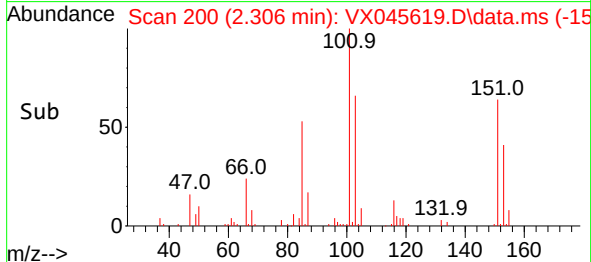
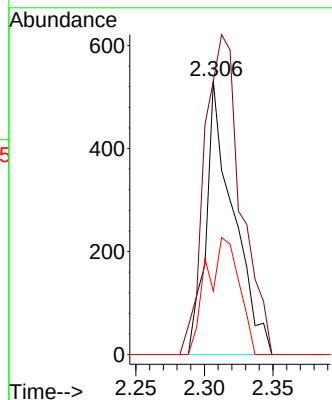
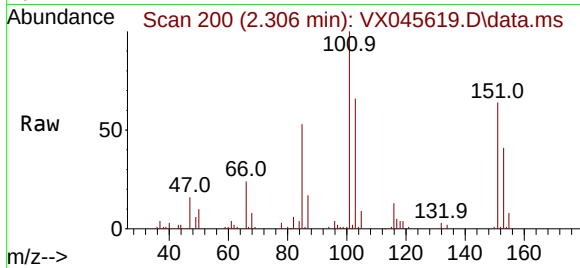




#12
1,1-Dichloroethene
Concen: 0.942 ug/l
RT: 2.306 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

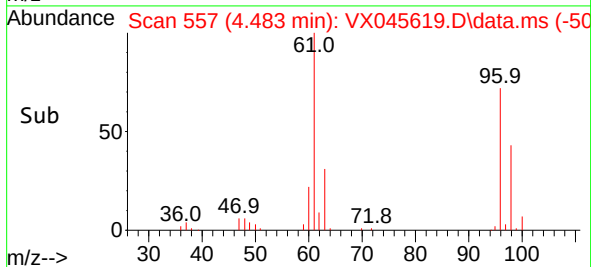
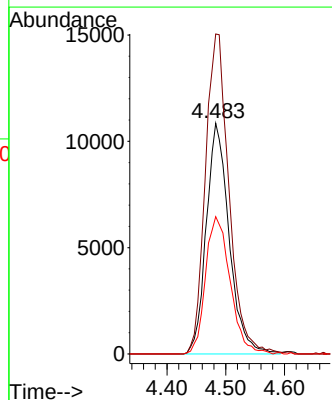
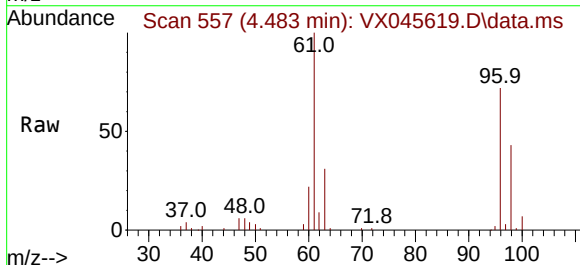
Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-040325

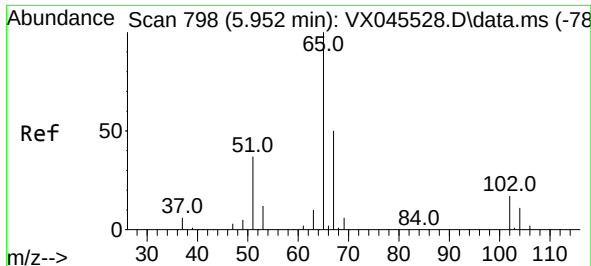
Tgt Ion: 96 Resp: 735
Ion Ratio Lower Upper
96 100
61 100.0 145.7 218.5#
98 23.2 51.6 77.4#



#27
cis-1,2-Dichloroethene
Concen: 30.282 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

Tgt Ion: 96 Resp: 29406
Ion Ratio Lower Upper
96 100
61 143.1 0.0 313.2
98 63.8 0.0 126.4





#33

1,2-Dichloroethane-d4

Concen: 53.592 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045619.D

Acq: 07 Apr 2025 11:23

Instrument :

MSVOA_X

ClientSampleId :

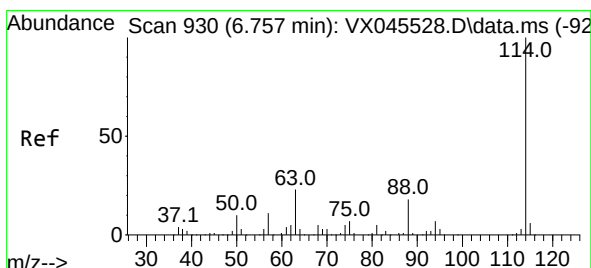
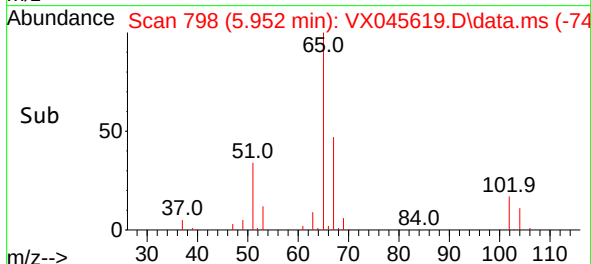
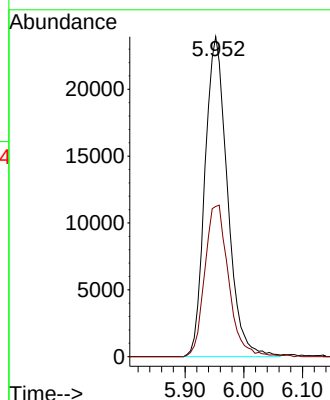
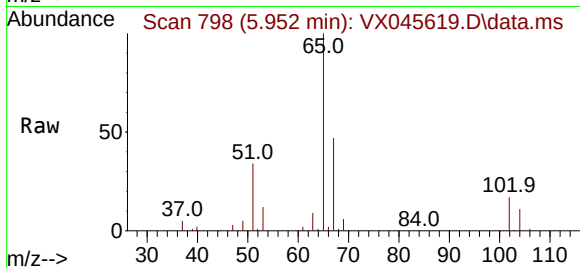
RMW-03B-90-040325

Tgt Ion: 65 Resp: 63693

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045619.D

Acq: 07 Apr 2025 11:23

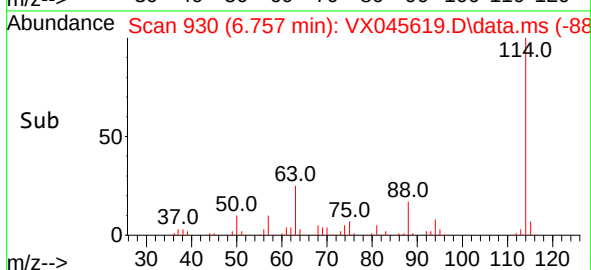
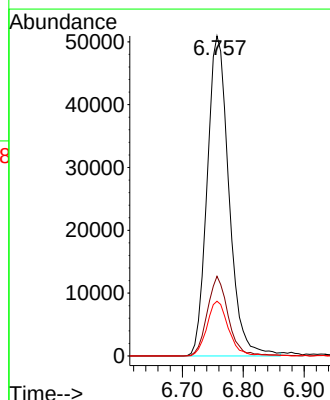
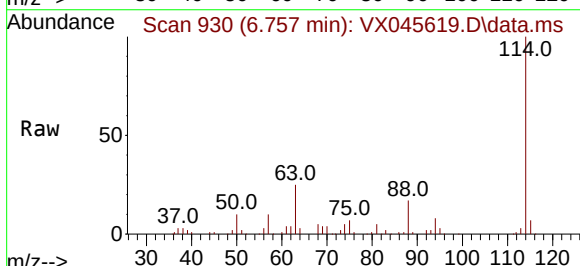
Tgt Ion: 114 Resp: 126519

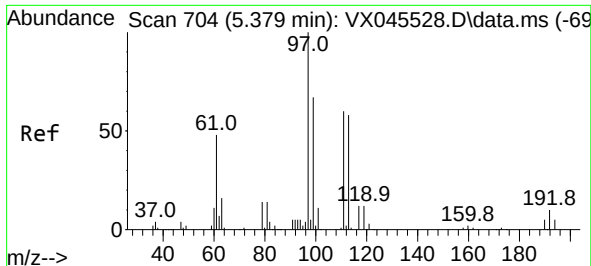
Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.8

88 17.1 0.0 35.4

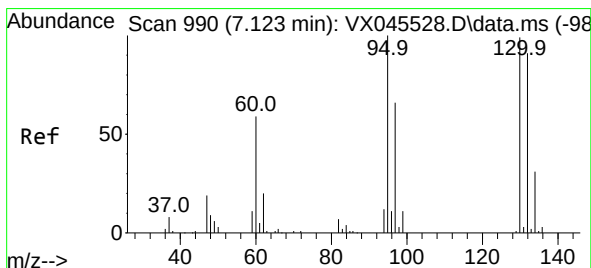
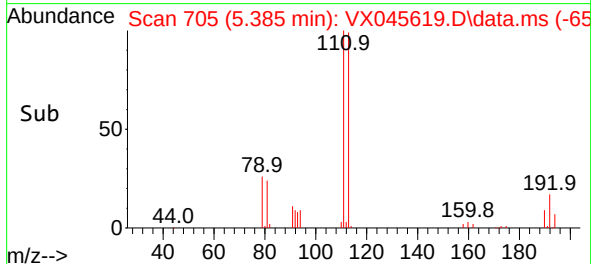
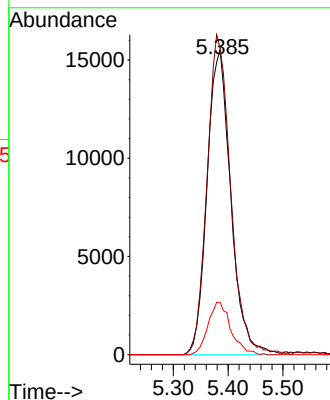
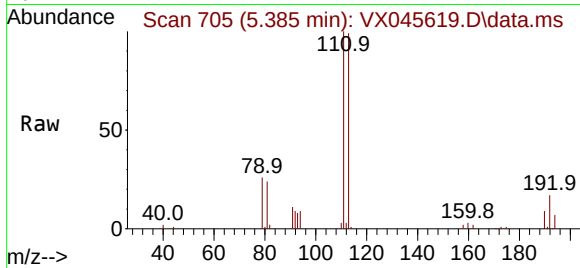




#35
Dibromofluoromethane
Concen: 51.915 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

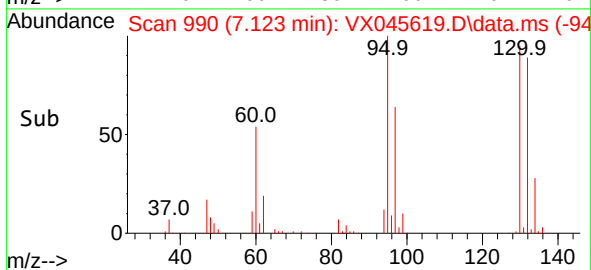
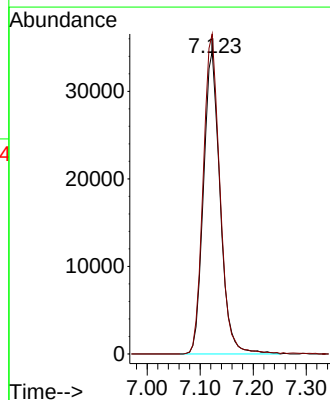
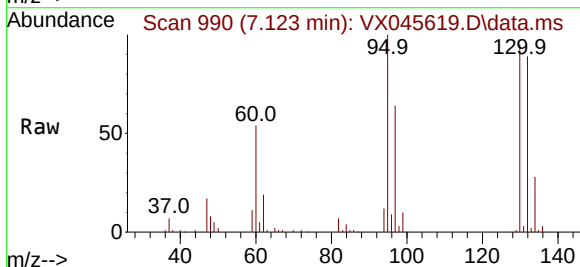
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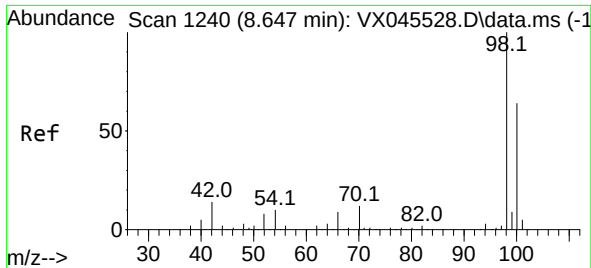
Tgt Ion:113 Resp: 46602
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.5 13.8 20.6



#44
Trichloroethene
Concen: 85.483 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

Tgt Ion:130 Resp: 75209
Ion Ratio Lower Upper
130 100
95 105.7 0.0 202.0

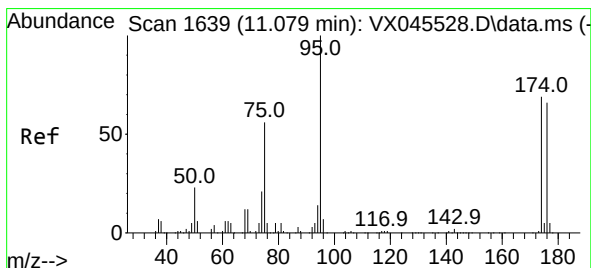
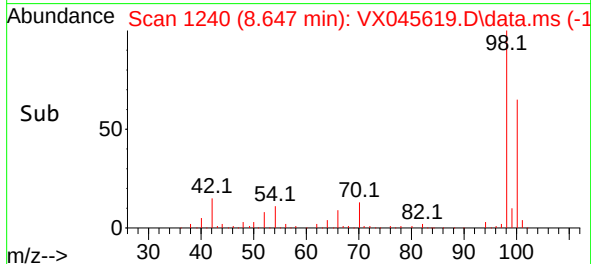
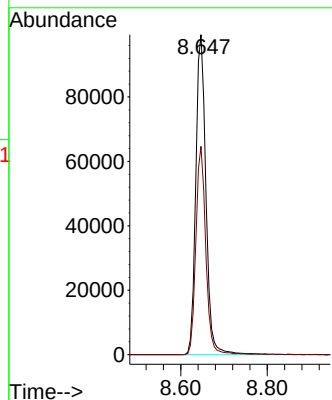
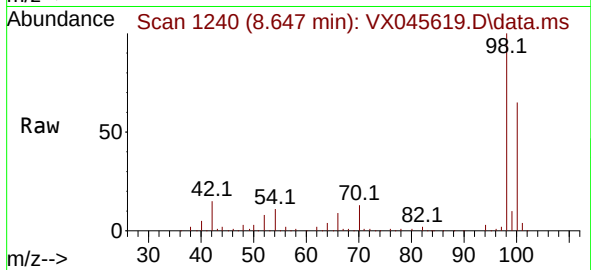




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

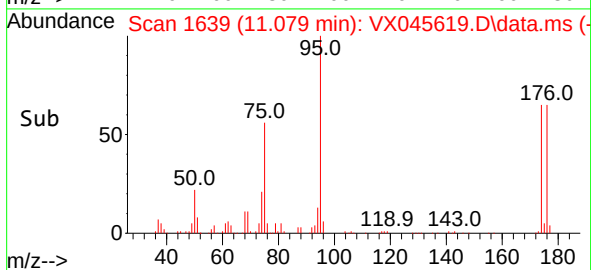
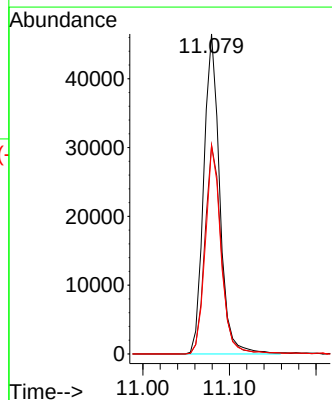
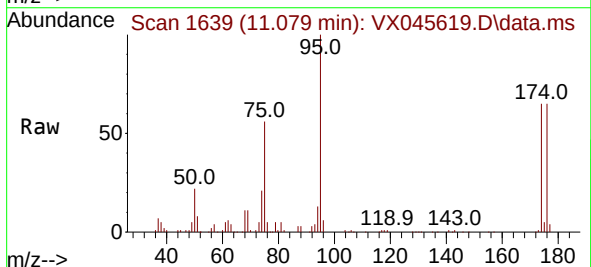
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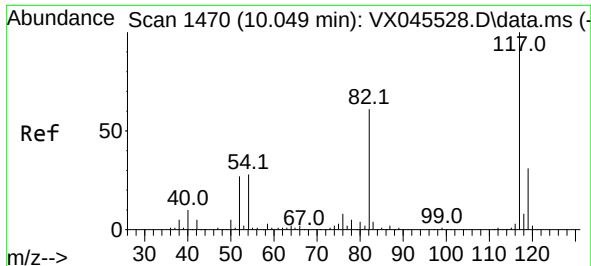
Tgt Ion: 98 Resp: 161473
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

Tgt Ion: 95 Resp: 59465
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.1 0.0 131.4

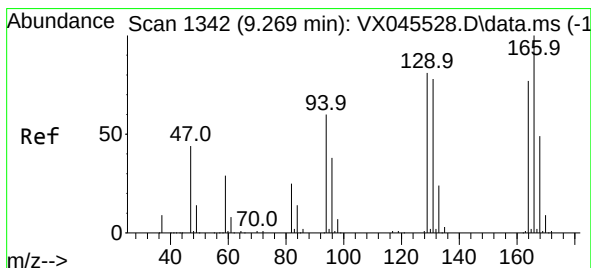
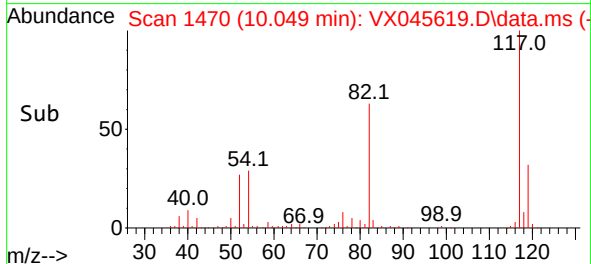
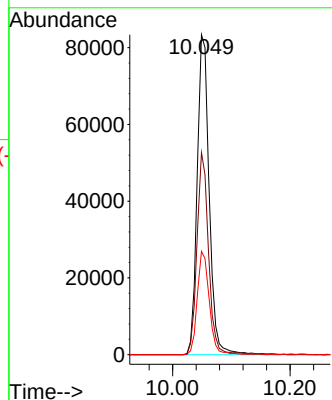
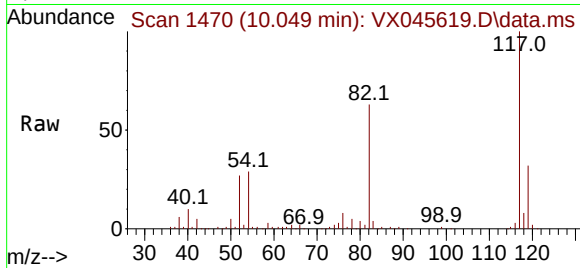




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

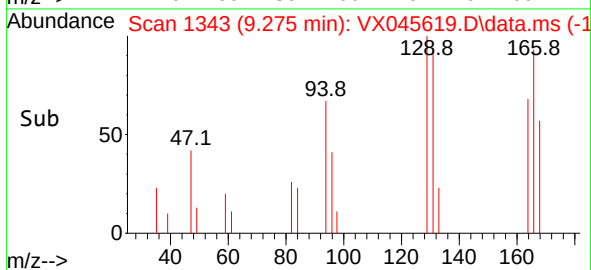
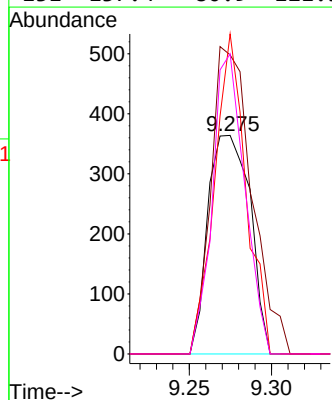
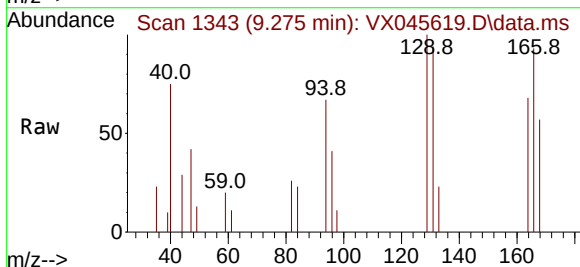
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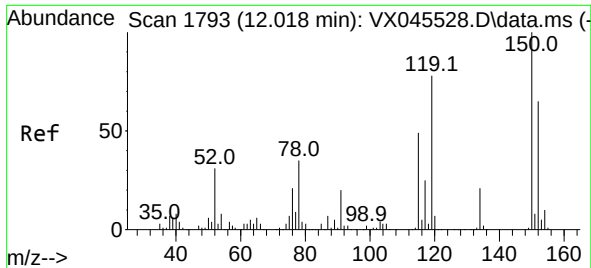
Tgt Ion:117 Resp: 118849
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 0.771 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045619.D
Acq: 07 Apr 2025 11:23

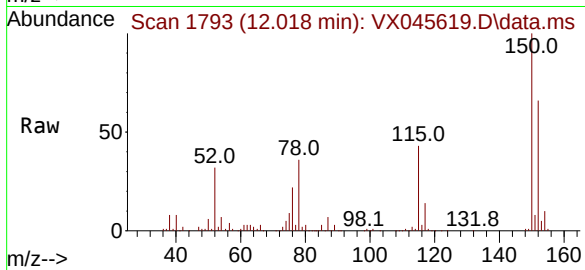
Tgt Ion:164 Resp: 647
Ion Ratio Lower Upper
164 100
166 136.8 103.8 155.8
129 146.4 84.3 126.5#
131 137.4 80.9 121.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045619.D
 Acq: 07 Apr 2025 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-03B-90-040325



Tgt Ion:152 Resp: 48503
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 154.8 0.0 349.4

