

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046597.D
 Acq On : 10 Jun 2025 13:13
 Operator : JC/MD
 Sample : Q2233-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-060425-FDDL

Quant Time: Jun 11 01:46:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

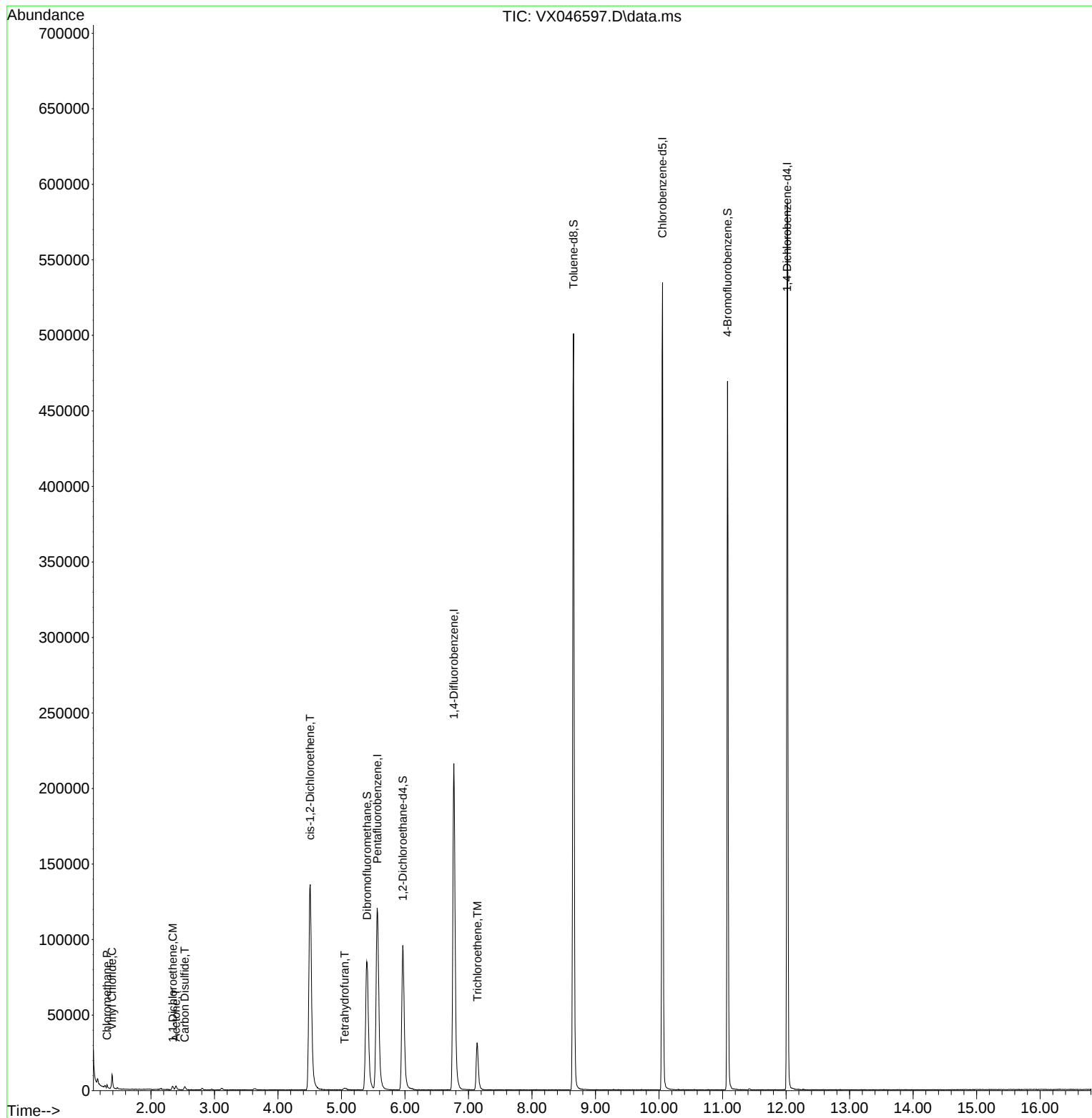
Internal Standards						
1) Pentafluorobenzene	5.562	168	114089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99818	49.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.360%
35) Dibromofluoromethane	5.403	113	82683	50.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	8.653	98	293804	54.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.660%
62) 4-Bromofluorobenzene	11.079	95	123653	55.775	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1462	1.014	ug/l	100
4) Vinyl Chloride	1.386	62	6093	4.240	ug/l	93
12) 1,1-Dichloroethene	2.343	96	730	0.539	ug/l	82
16) Acetone	2.392	43	3207	8.544	ug/l #	81
17) Carbon Disulfide	2.532	76	2517	1.074	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	91409	51.801	ug/l	86
29) Tetrahydrofuran	5.050	42	1290	1.808	ug/l #	71
44) Trichloroethene	7.141	130	12652	7.619	ug/l	97

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

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MW-18B-56-060425-FDDL

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Response via : Initial Calibration

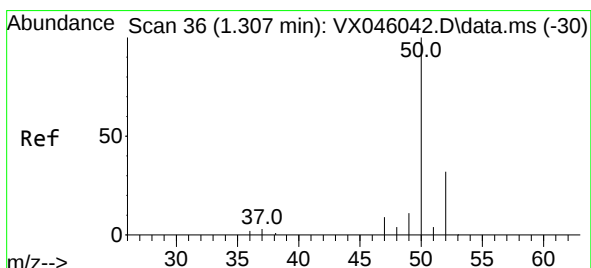
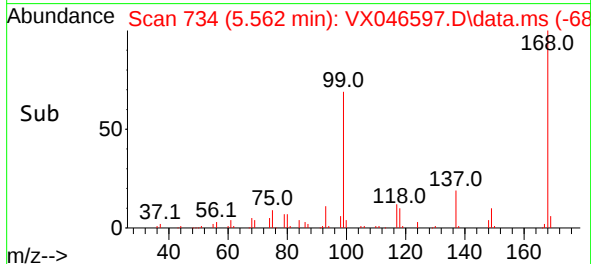
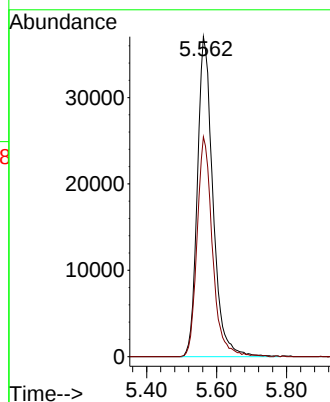
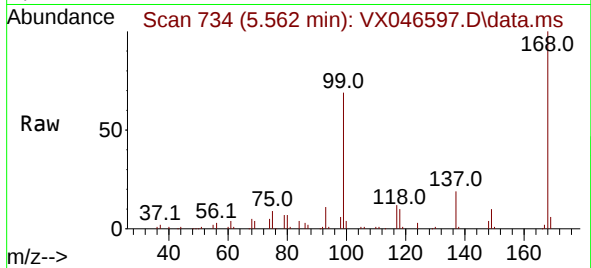




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

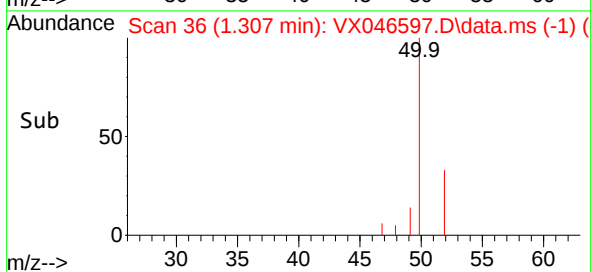
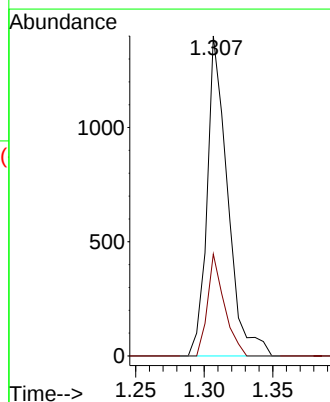
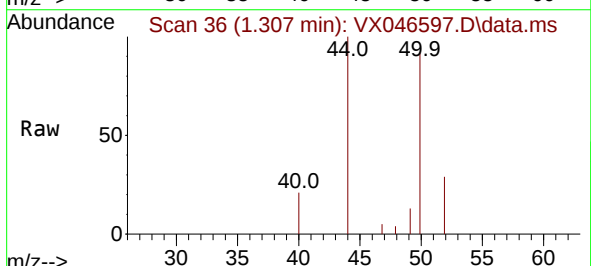
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

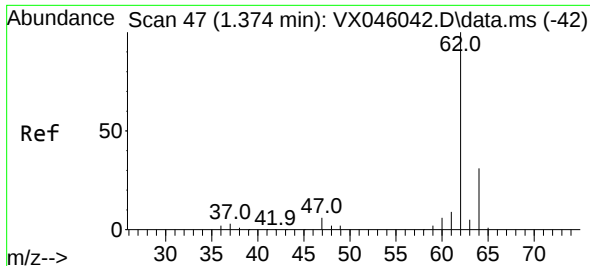
Tgt Ion:168 Resp: 114089
Ion Ratio Lower Upper
168 100
99 68.7 54.9 82.3



#3
Chloromethane
Concen: 1.014 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 50 Resp: 1462
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

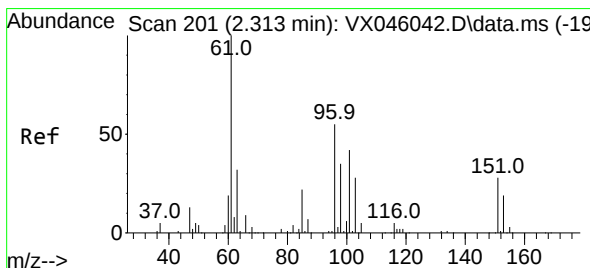
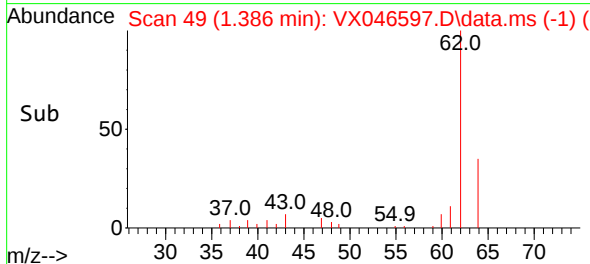
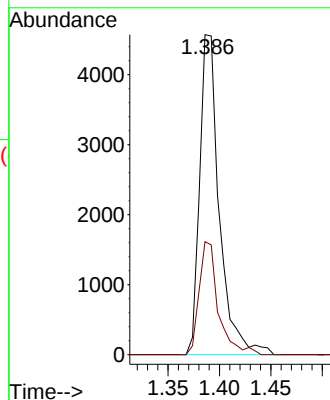
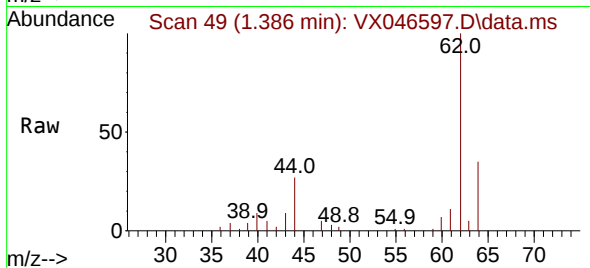




#4
 Vinyl Chloride
 Concen: 4.240 ug/l
 RT: 1.386 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: VX046597.D
 Acq: 10 Jun 2025 13:13

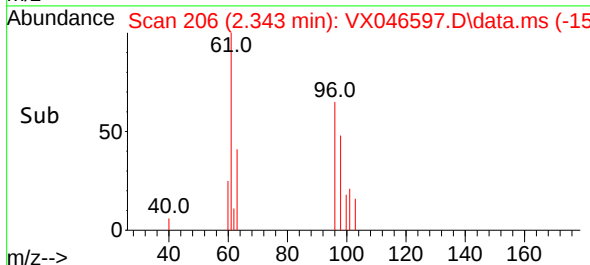
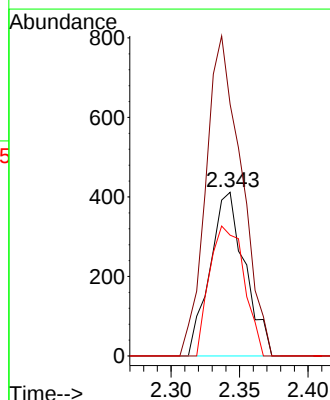
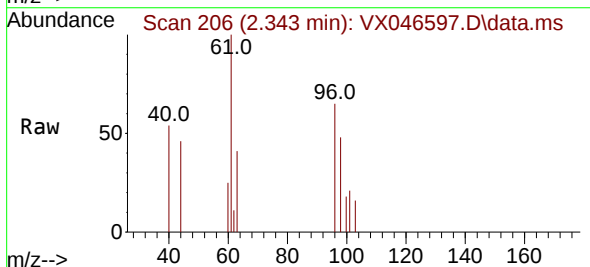
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-060425-FDDL

Tgt Ion: 62 Resp: 6093
 Ion Ratio Lower Upper
 62 100
 64 35.3 25.2 37.8



#12
 1,1-Dichloroethene
 Concen: 0.539 ug/l
 RT: 2.343 min Scan# 206
 Delta R.T. 0.006 min
 Lab File: VX046597.D
 Acq: 10 Jun 2025 13:13

Tgt Ion: 96 Resp: 730
 Ion Ratio Lower Upper
 96 100
 61 153.6 146.2 219.2
 98 73.8 51.0 76.6

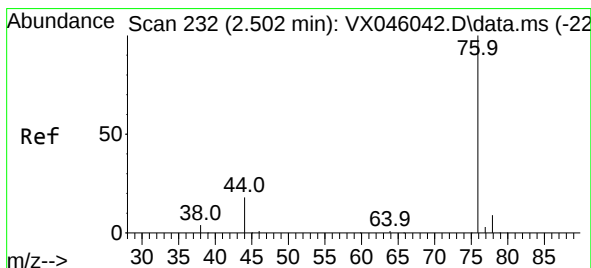
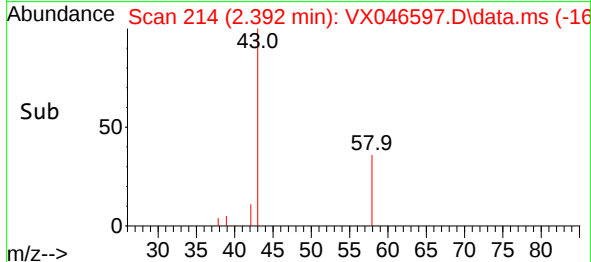
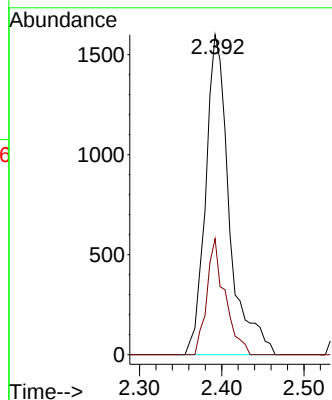
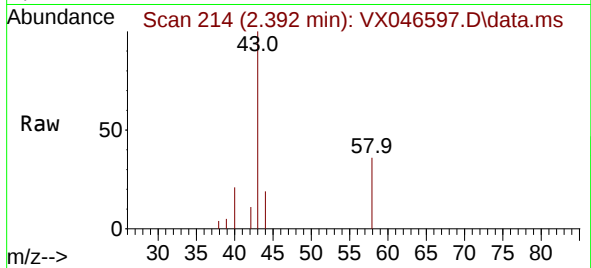




#16
Acetone
Concen: 8.544 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

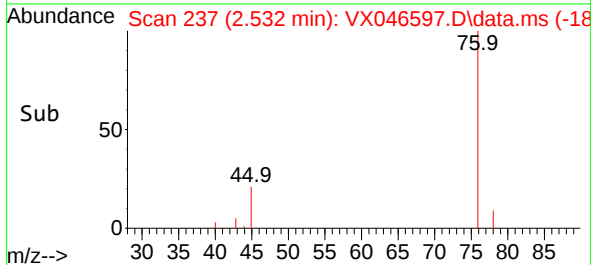
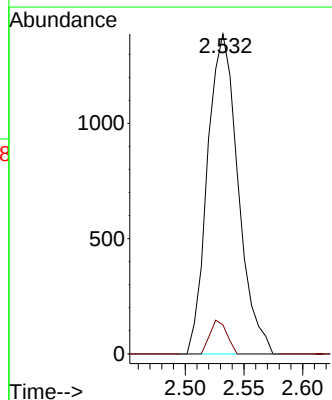
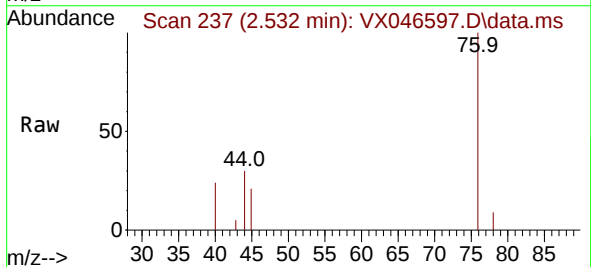
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

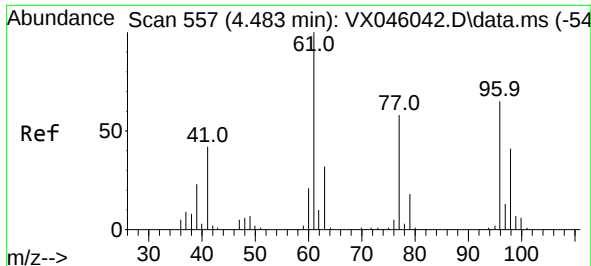
Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 36.3 21.2 31.8#



#17
Carbon Disulfide
Concen: 1.074 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 76 Resp: 2517
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#27

cis-1,2-Dichloroethene

Concen: 51.801 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046597.D

Acq: 10 Jun 2025 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-060425-FDDL

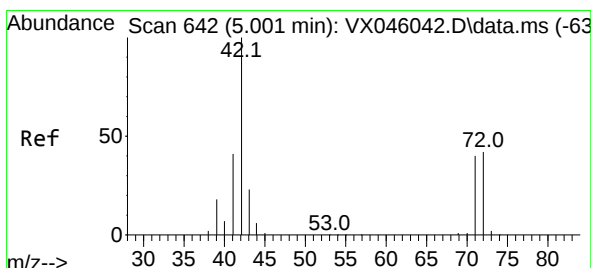
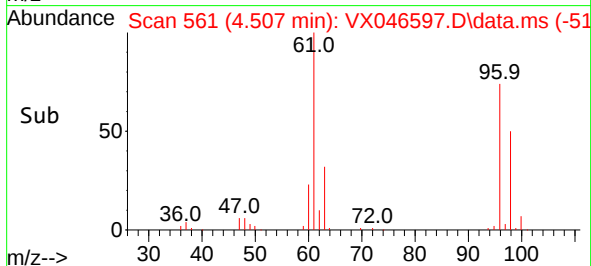
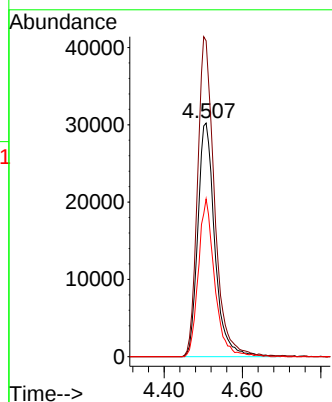
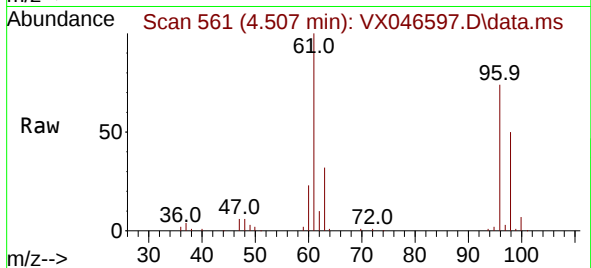
Tgt Ion: 96 Resp: 91409

Ion Ratio Lower Upper

96 100

61 135.6 0.0 322.8

98 64.6 0.0 129.0



#29

Tetrahydrofuran

Concen: 1.808 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.031 min

Lab File: VX046597.D

Acq: 10 Jun 2025 13:13

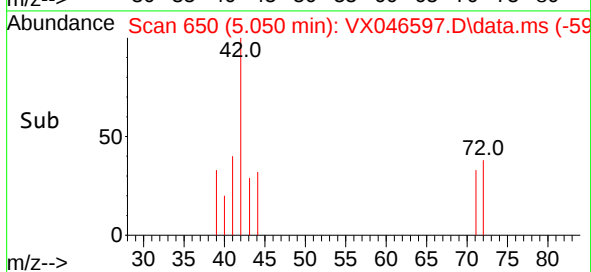
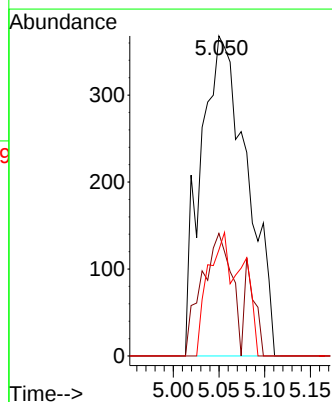
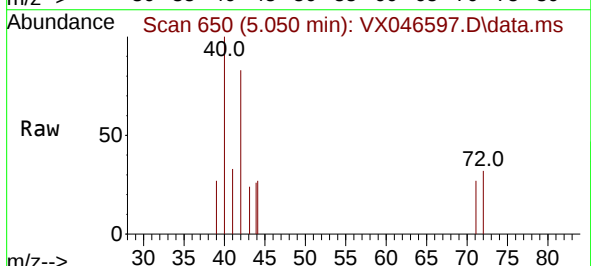
Tgt Ion: 42 Resp: 1290

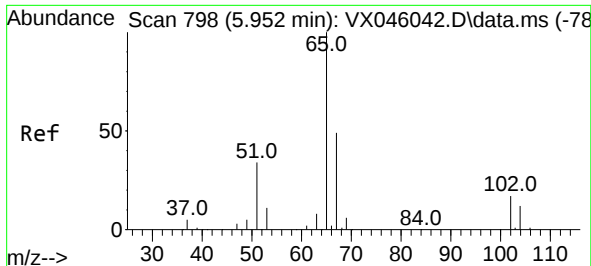
Ion Ratio Lower Upper

42 100

72 24.7 33.7 50.5#

71 20.2 31.4 47.2#

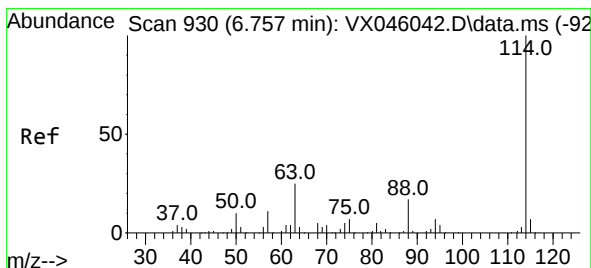
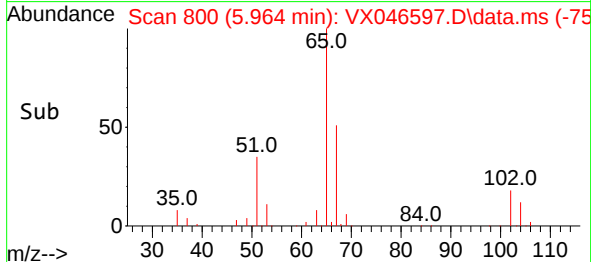
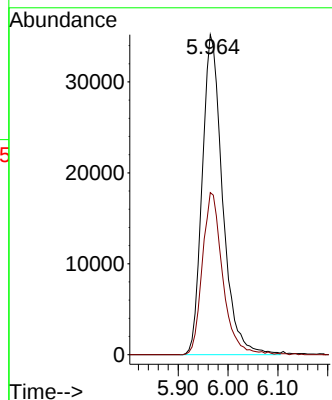
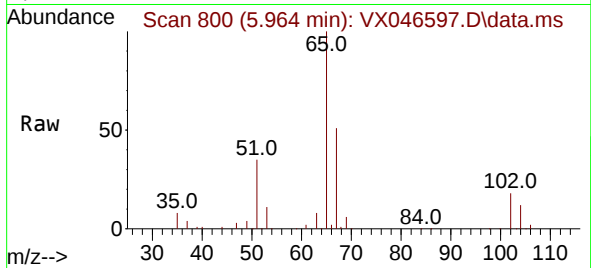




#33
 1,2-Dichloroethane-d4
 Concen: 49.177 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046597.D
 Acq: 10 Jun 2025 13:13

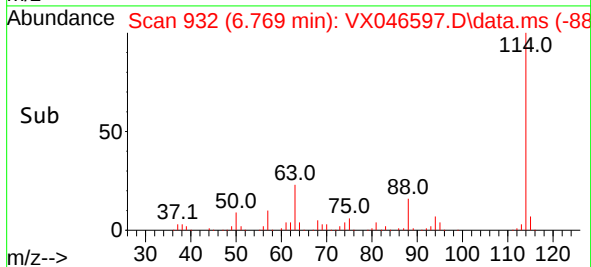
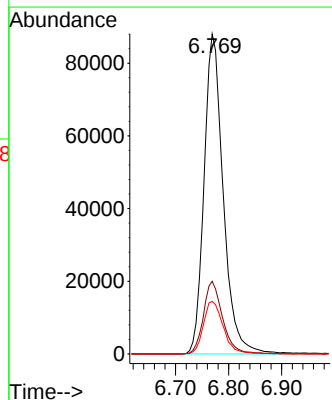
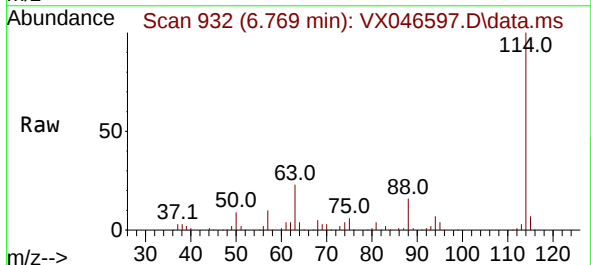
Instrument :
 MSVOA_X
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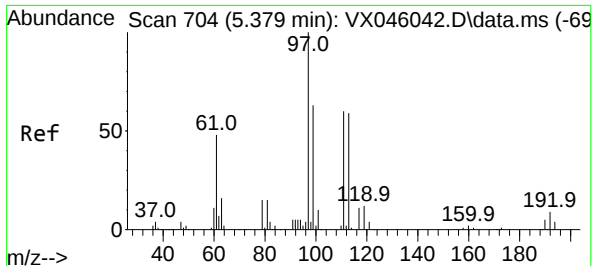
Tgt Ion: 65 Resp: 99818
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046597.D
 Acq: 10 Jun 2025 13:13

Tgt Ion: 114 Resp: 221007
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 49.2
 88 16.4 0.0 33.6

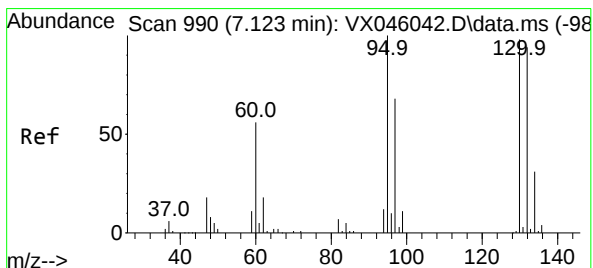
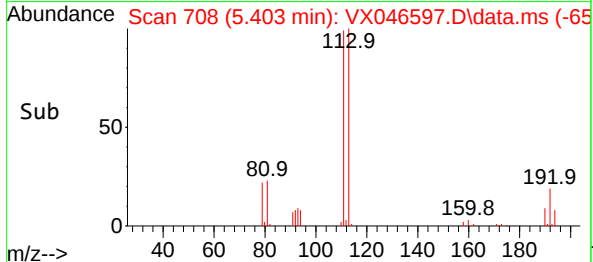
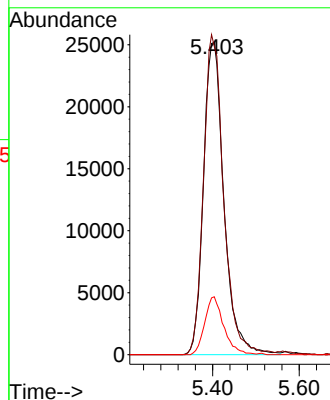
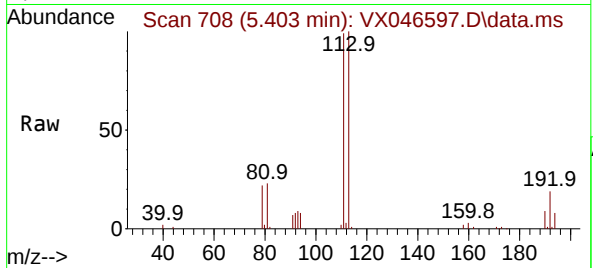




#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

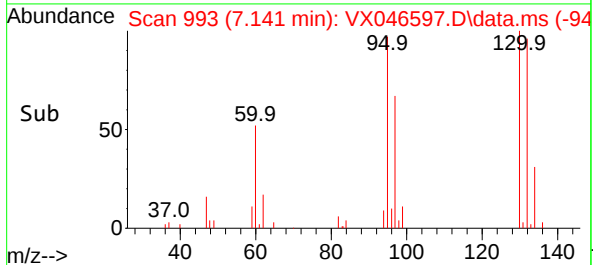
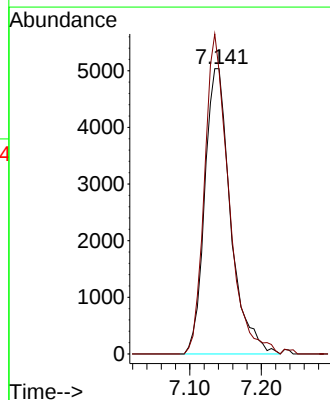
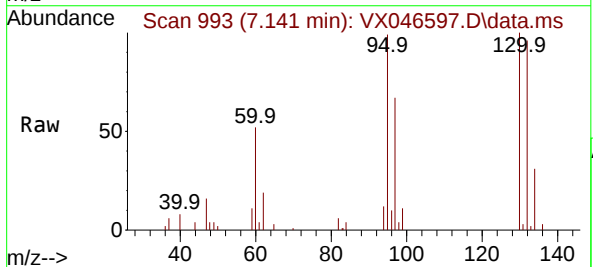
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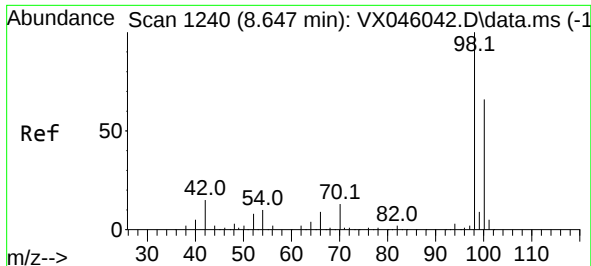
Tgt Ion:113 Resp: 82683
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 17.2 13.3 19.9



#44
Trichloroethene
Concen: 7.619 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion:130 Resp: 12652
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.2

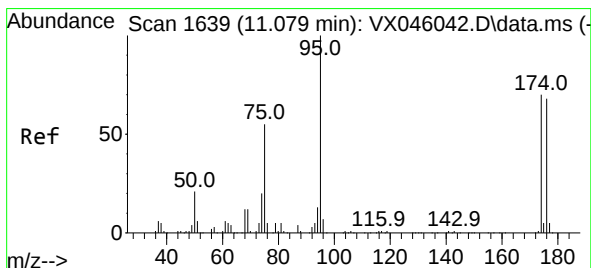
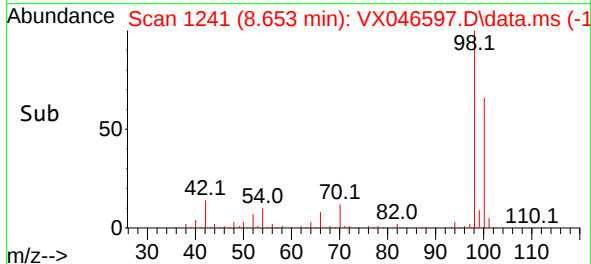
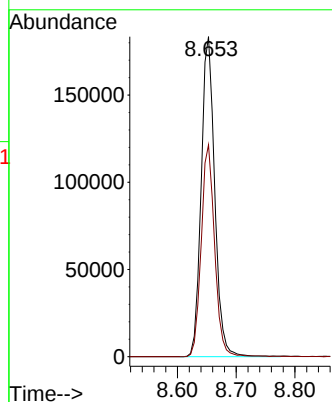
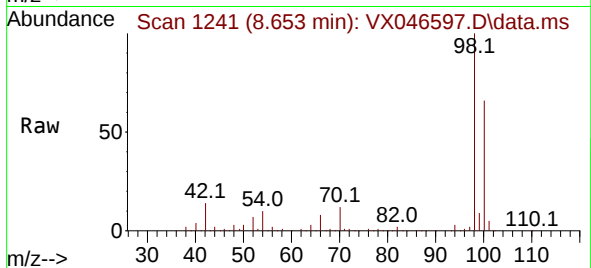




#50
Toluene-d8
Concen: 54.831 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

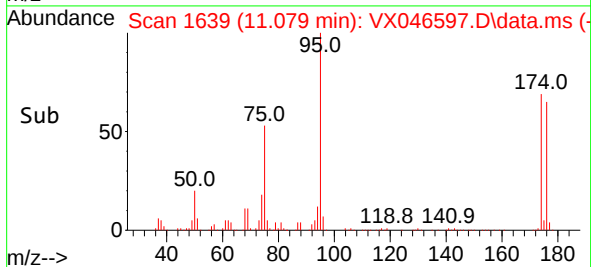
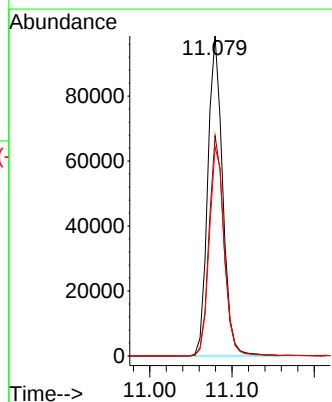
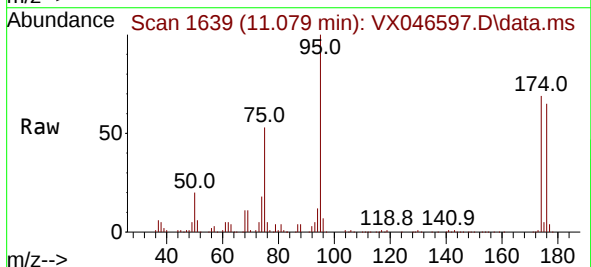
Instrument :
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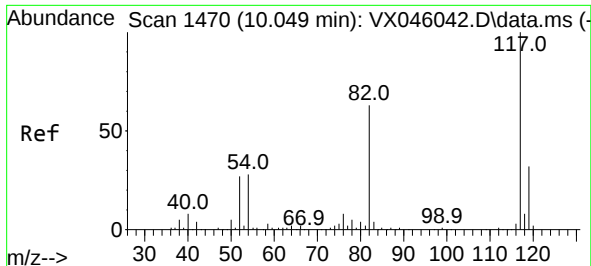
Tgt Ion: 98 Resp: 293804
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion: 95 Resp: 123653
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.4 0.0 131.4

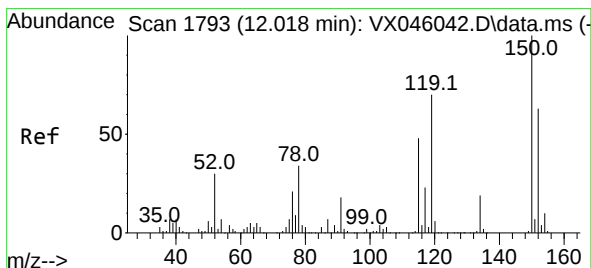
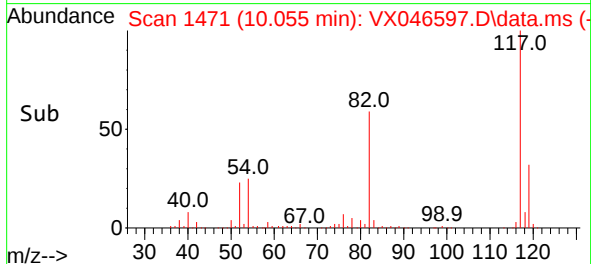
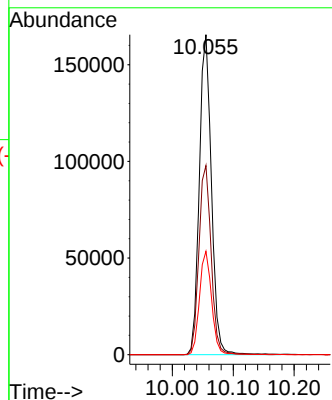
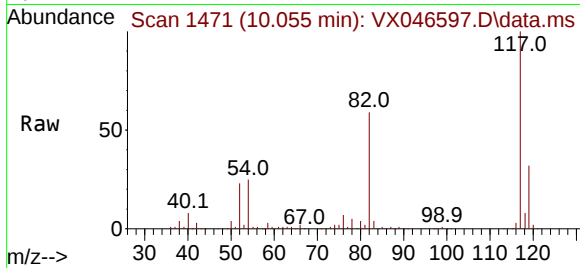




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-060425-FDDL

Tgt Ion:117 Resp: 228335
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046597.D
Acq: 10 Jun 2025 13:13

Tgt Ion:152 Resp: 113693
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 158.7 0.0 351.0

