

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047615.D
 Acq On : 17 Sep 2025 14:06
 Operator : JC/MD
 Sample : Q3095-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20250909

Quant Time: Sep 18 02:04:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

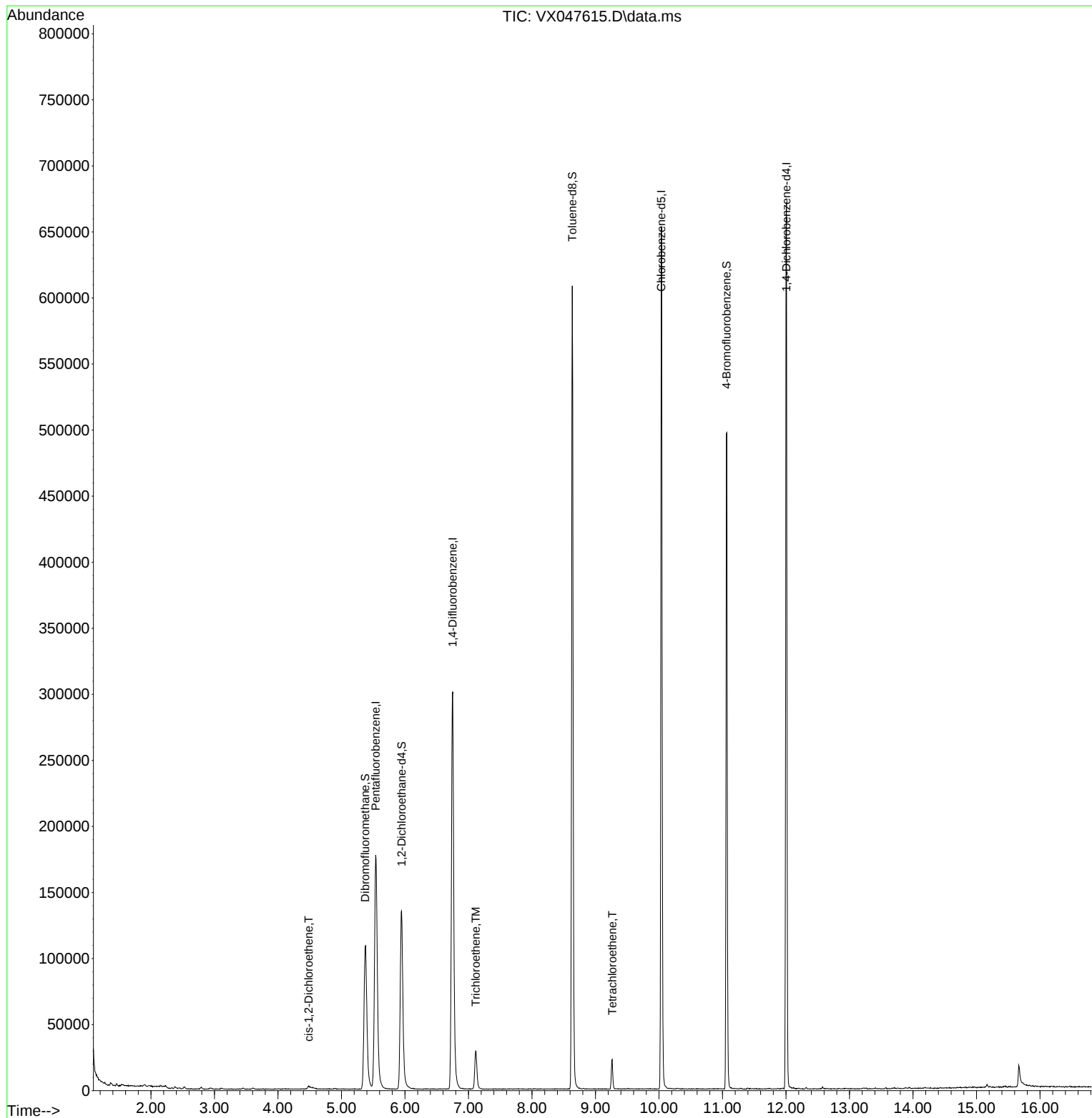
Internal Standards						
1) Pentafluorobenzene	5.538	168	176912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	325344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	148250	52.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.300%
35) Dibromofluoromethane	5.373	113	107072	49.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	8.635	98	373601	49.484	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.061	95	144212	50.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.483	96	1562	0.564	ug/l	81
44) Trichloroethene	7.117	130	12485	5.333	ug/l	97
64) Tetrachloroethene	9.263	164	4397	2.280	ug/l	91

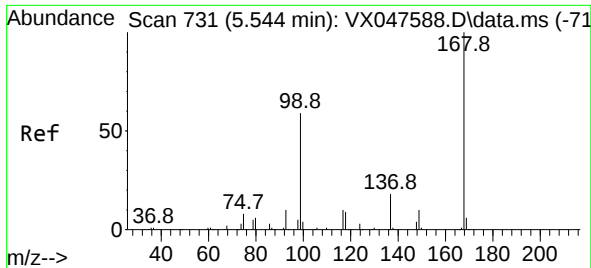
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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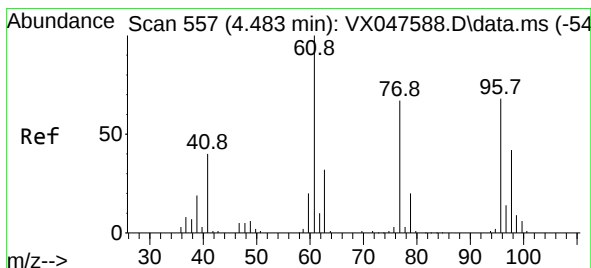
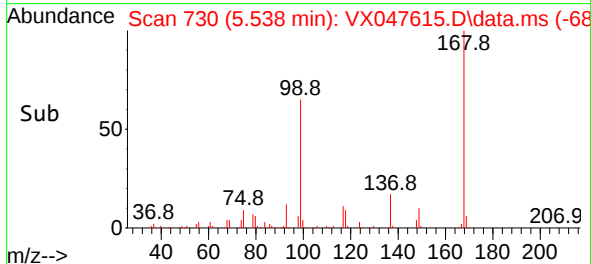
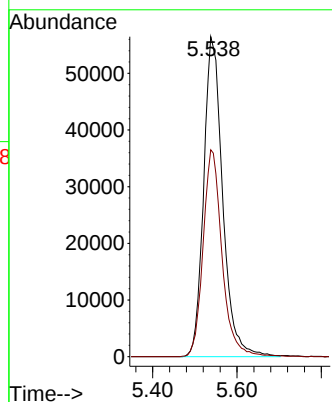
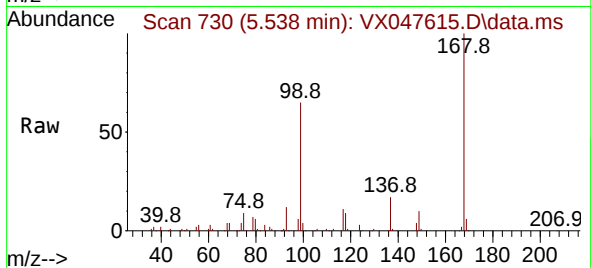




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

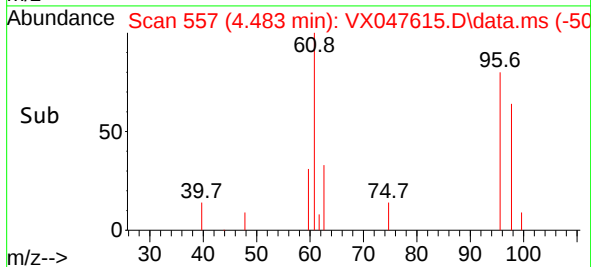
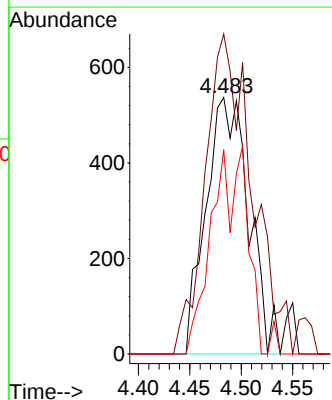
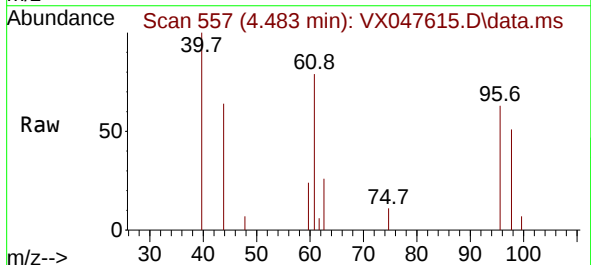
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20250909

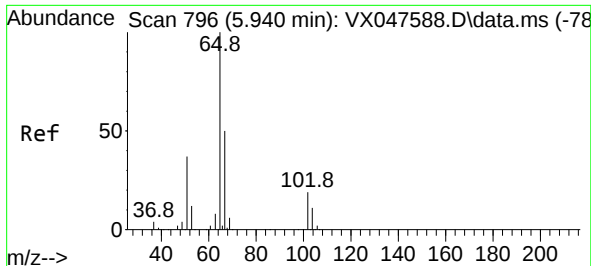
Tgt Ion:168 Resp: 176912
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 0.564 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

Tgt Ion: 96 Resp: 1562
Ion Ratio Lower Upper
96 100
61 135.7 0.0 303.2
98 37.8 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 52.646 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047615.D

Acq: 17 Sep 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

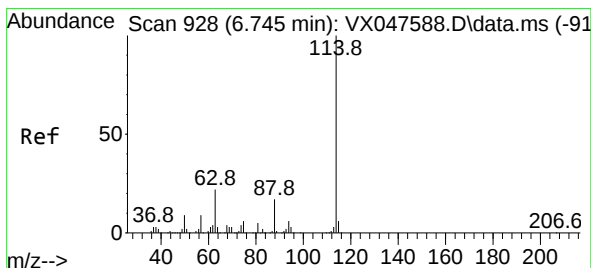
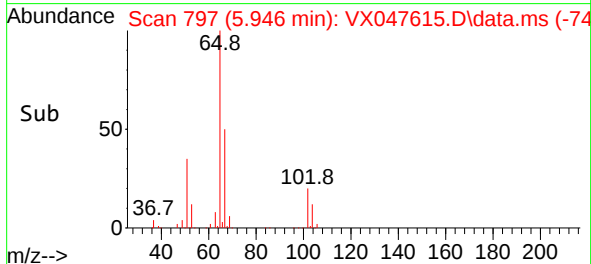
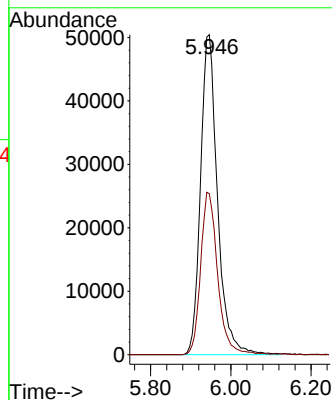
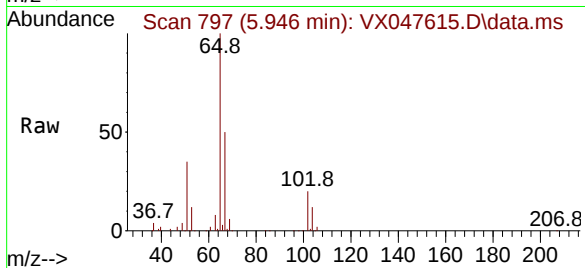
MW202D-20250909

Tgt Ion: 65 Resp: 148250

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047615.D

Acq: 17 Sep 2025 14:06

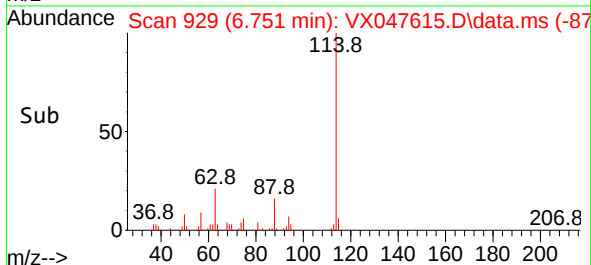
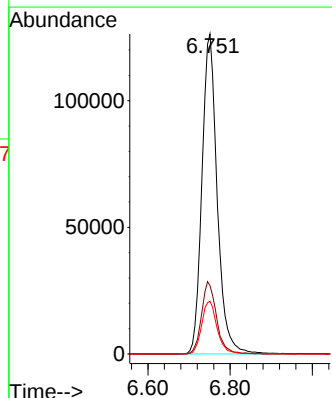
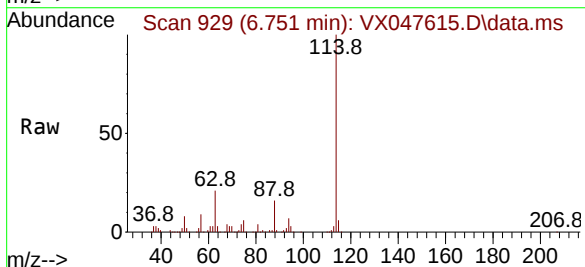
Tgt Ion: 114 Resp: 325344

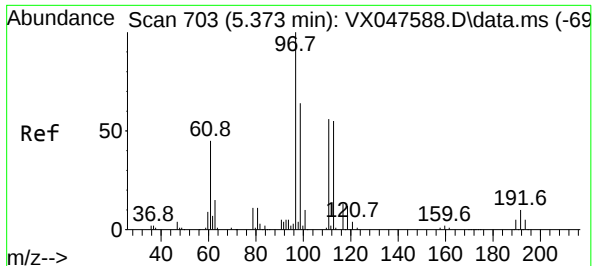
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.5 0.0 34.2

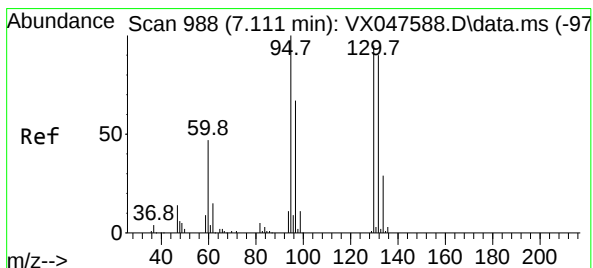
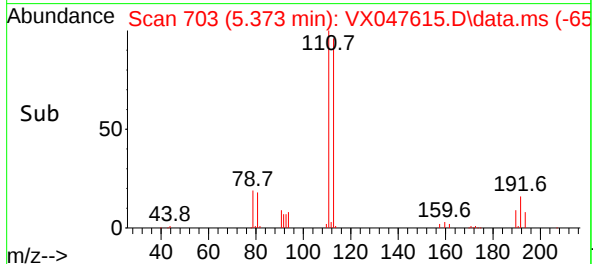
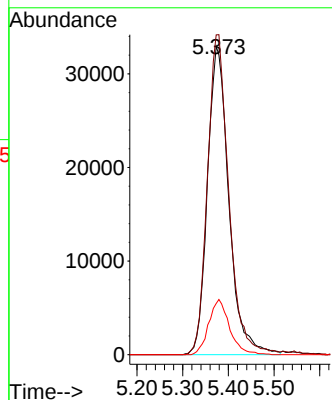
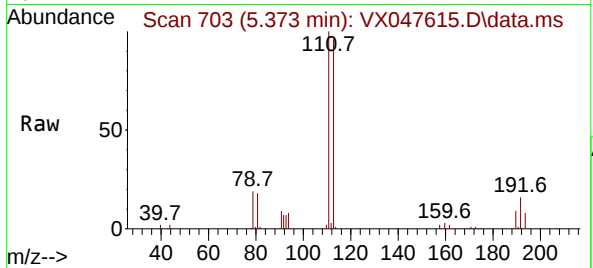




#35
Dibromofluoromethane
Concen: 49.072 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

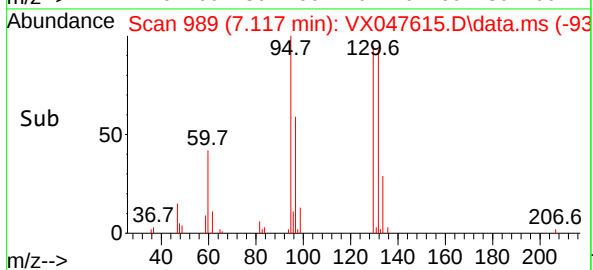
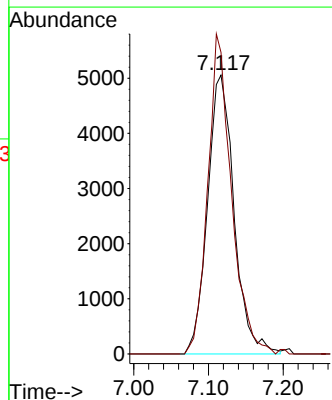
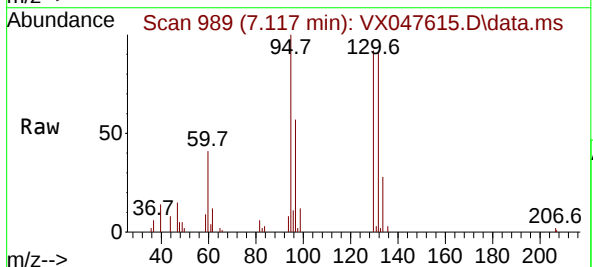
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20250909

Tgt Ion:113 Resp: 107072
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 17.5 14.2 21.4



#44
Trichloroethene
Concen: 5.333 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

Tgt Ion:130 Resp: 12485
Ion Ratio Lower Upper
130 100
95 108.1 0.0 210.8

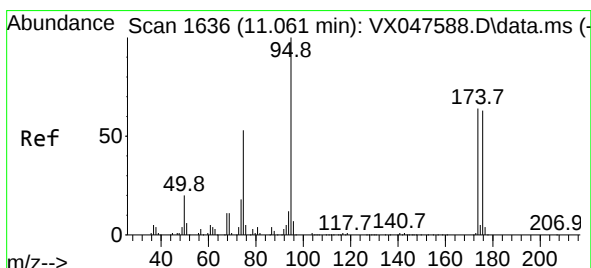
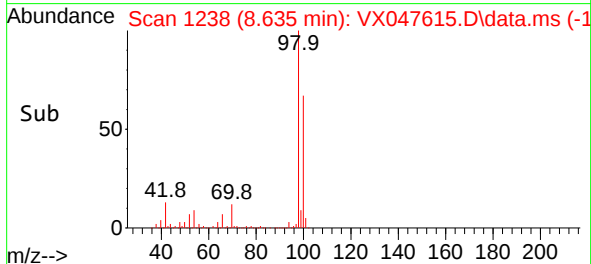
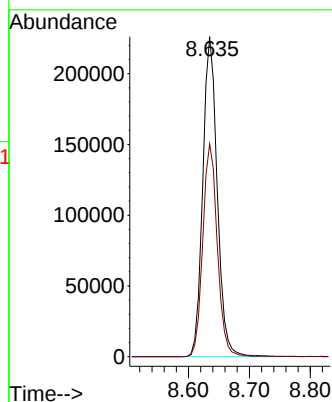
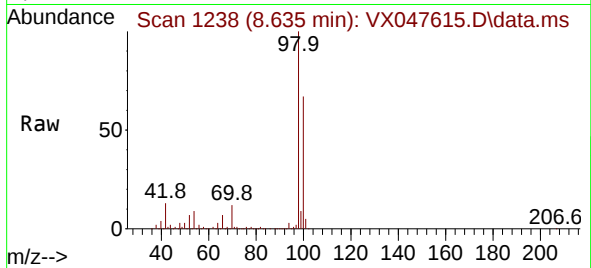




#50
Toluene-d8
Concen: 49.484 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

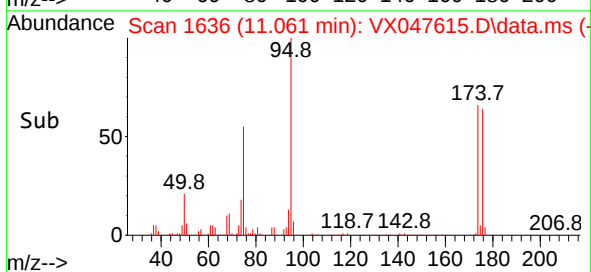
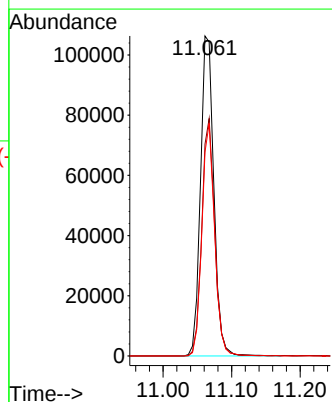
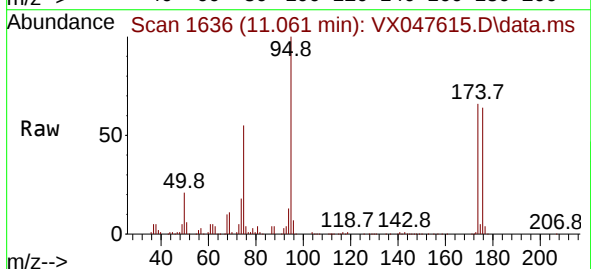
Instrument :
MSVOA_X
ClientSampleId :
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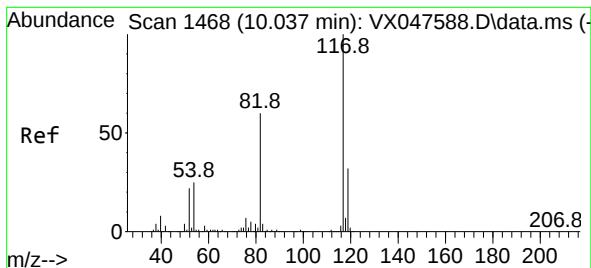
Tgt Ion: 98 Resp: 373601
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

Tgt Ion: 95 Resp: 144212
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 69.3 0.0 138.4

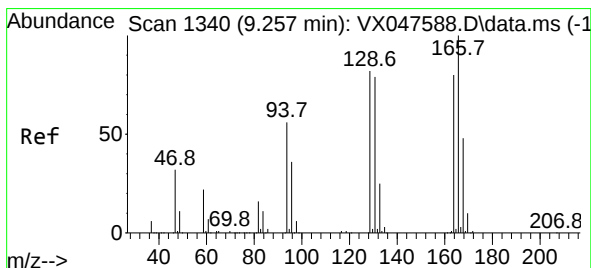
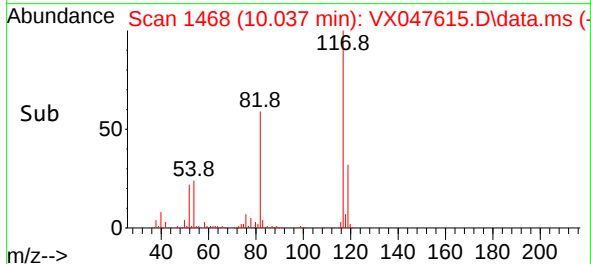
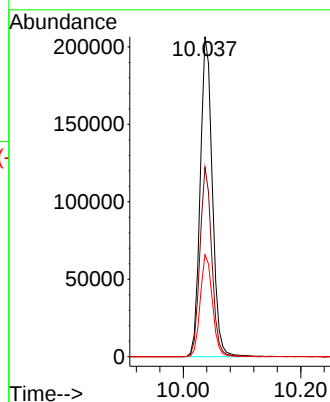
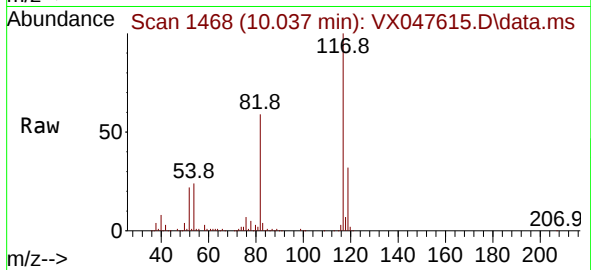




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

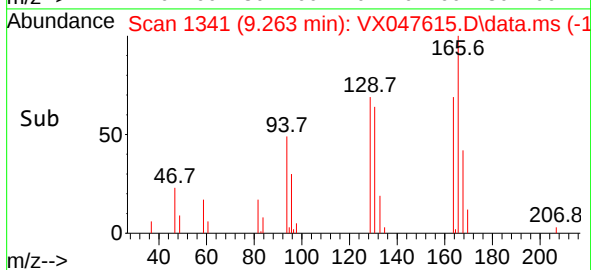
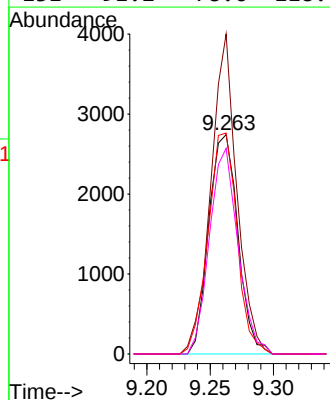
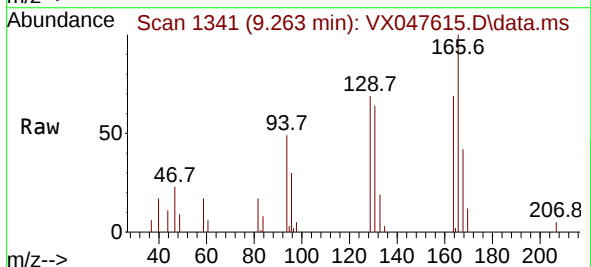
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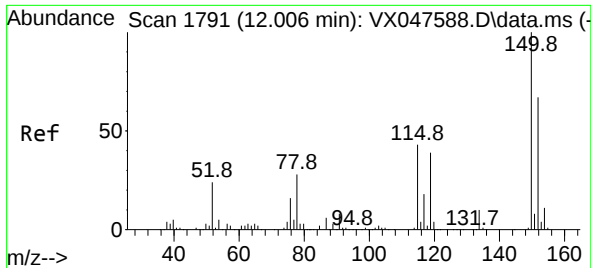
Tgt Ion:117 Resp: 295865
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.6
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 2.280 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047615.D
Acq: 17 Sep 2025 14:06

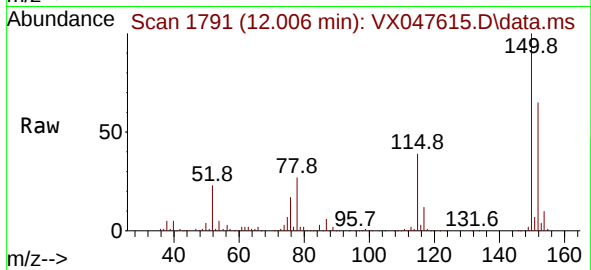
Tgt Ion:164 Resp: 4397
Ion Ratio Lower Upper
164 100
166 142.0 100.2 150.2
129 98.0 81.8 122.6
131 91.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047615.D
 Acq: 17 Sep 2025 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20250909



Tgt Ion:152 Resp: 140364
 Ion Ratio Lower Upper
 152 100
 115 64.3 44.9 134.5
 150 158.8 0.0 352.0

