

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047786.D
 Acq On : 24 Sep 2025 18:51
 Operator : JC/MD
 Sample : Q3127-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20250915

Quant Time: Sep 25 01:20:42 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)

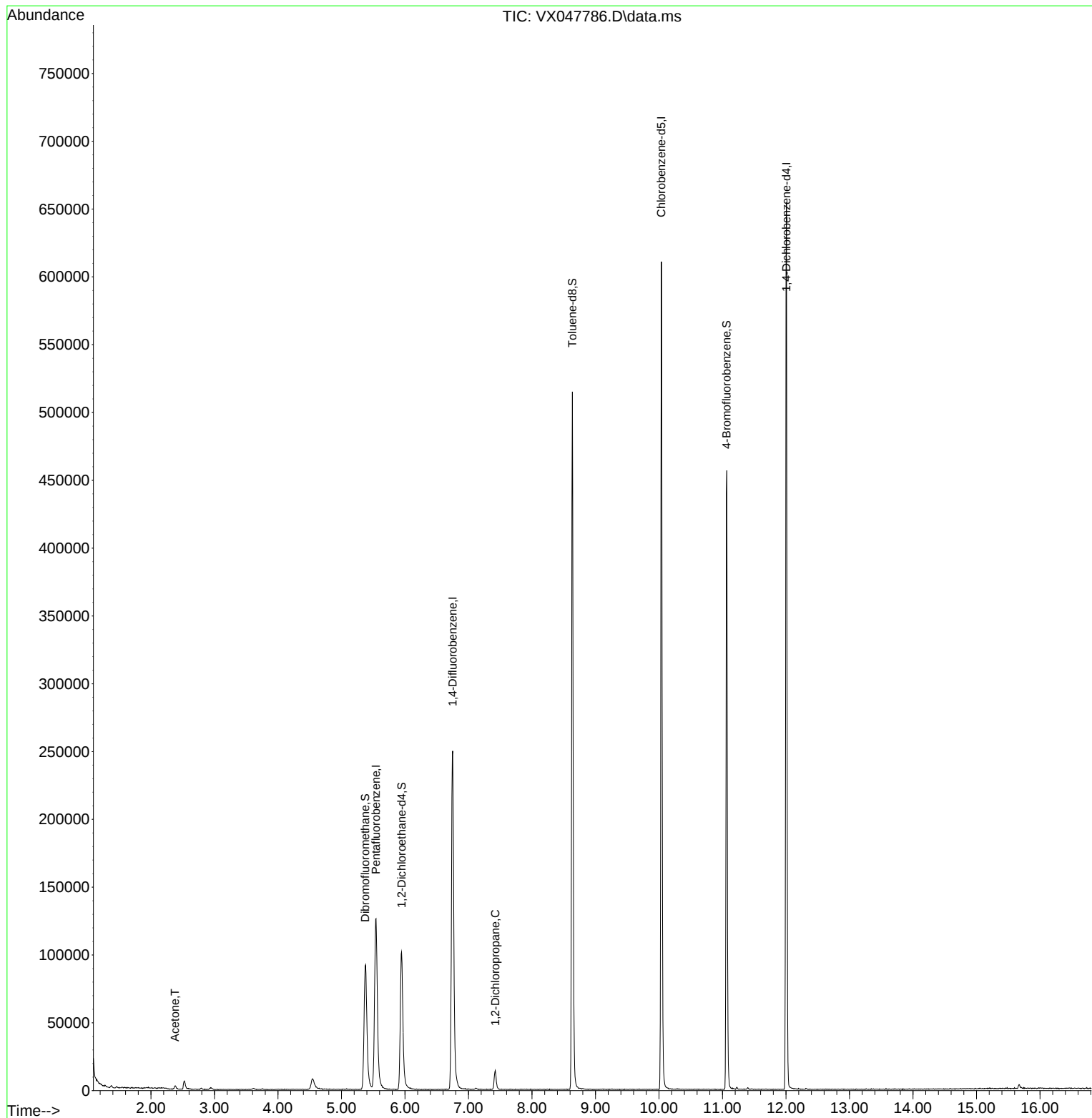
Internal Standards						
1) Pentafluorobenzene	5.544	168	128068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110362	54.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.280%
35) Dibromofluoromethane	5.373	113	91361	49.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.635	98	312620	48.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.061	95	133284	54.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.500%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	3415	3.853	ug/l	# 85
45) 1,2-Dichloropropane	7.422	63	6397	3.036	ug/l	92

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

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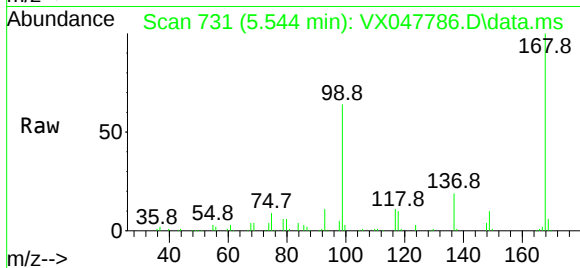
Quant Time: Sep 25 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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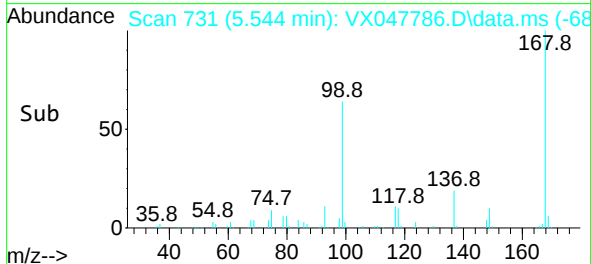
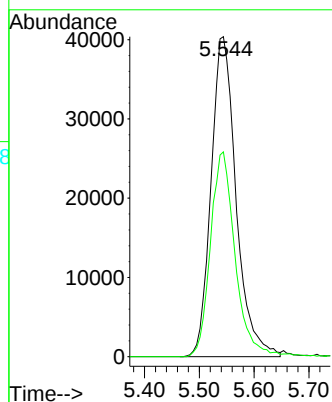


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047786.D
Acq: 24 Sep 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20250915

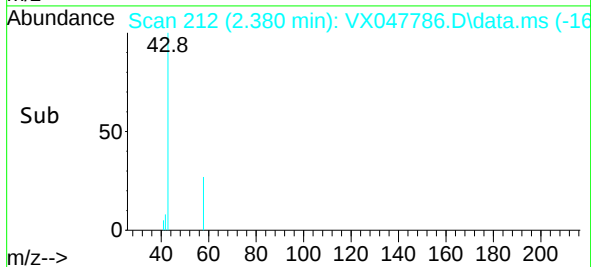
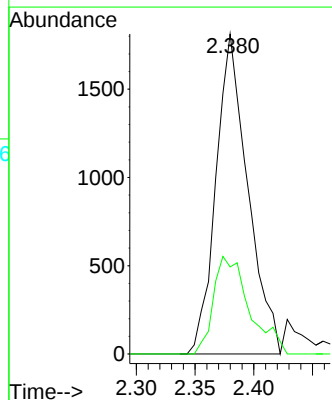
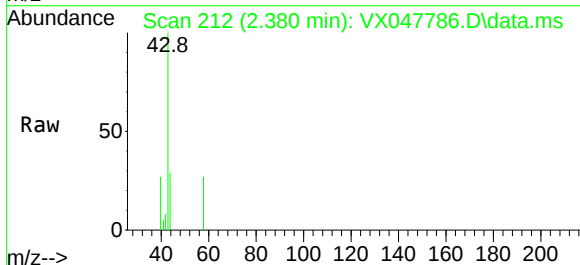


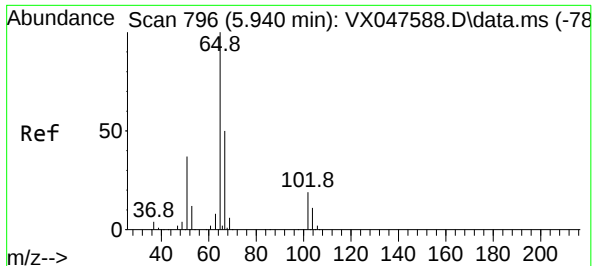
Tgt Ion:168 Resp: 128068
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#16
Acetone
Concen: 3.853 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047786.D
Acq: 24 Sep 2025 18:51

Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
58 21.2 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 54.138 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047786.D

Acq: 24 Sep 2025 18:51

Instrument :

MSVOA_X

ClientSampleId :

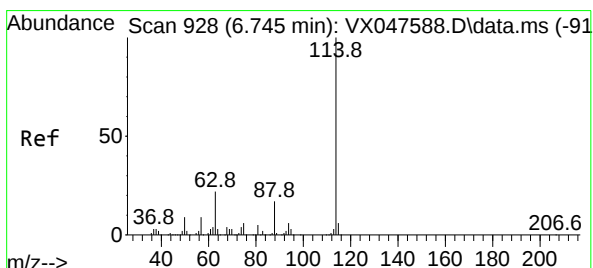
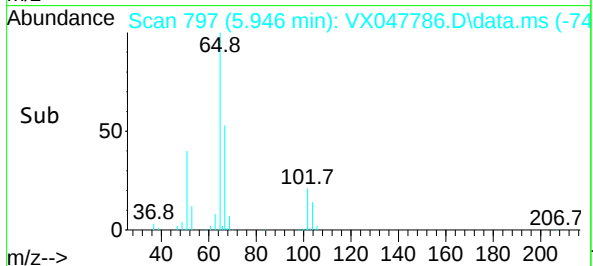
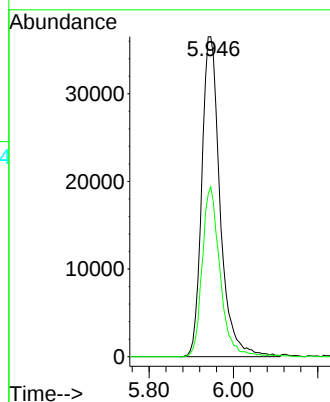
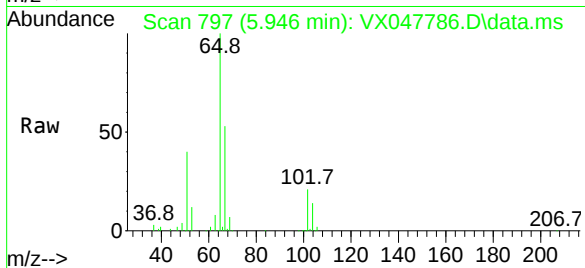
RE135D2-20250915

Tgt Ion: 65 Resp: 110362

Ion Ratio Lower Upper

65 100

67 51.5 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: VX047786.D

Acq: 24 Sep 2025 18:51

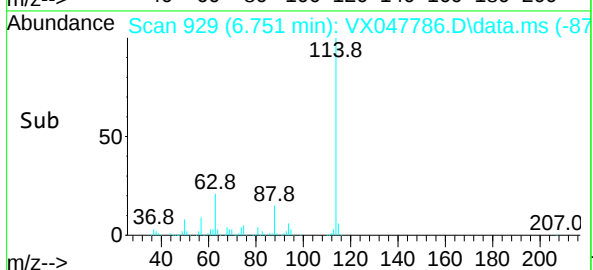
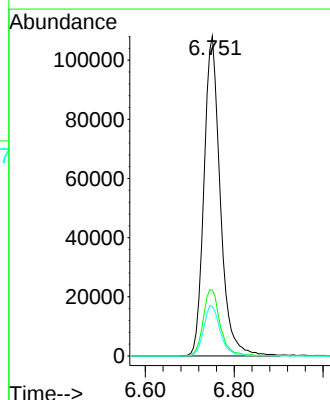
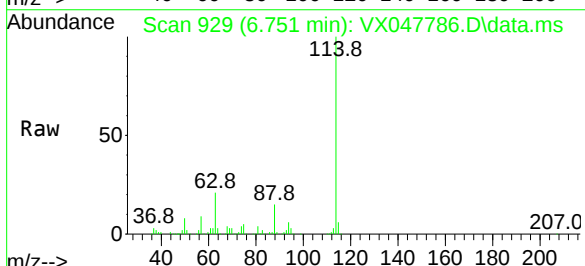
Tgt Ion: 114 Resp: 276429

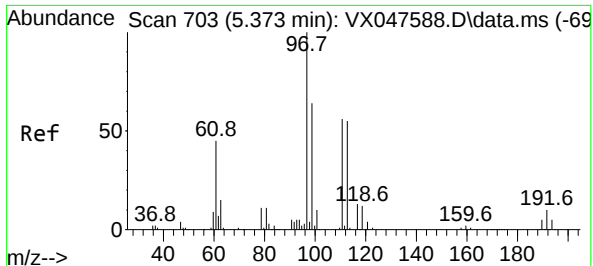
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.0

88 15.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.281 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX047786.D

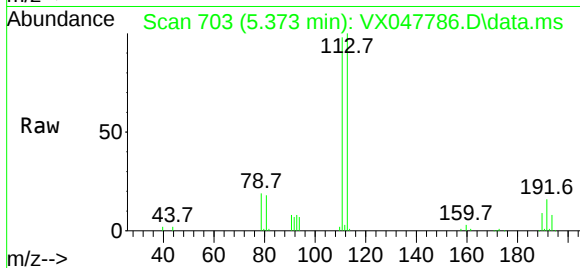
Acq: 24 Sep 2025 18:51

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20250915



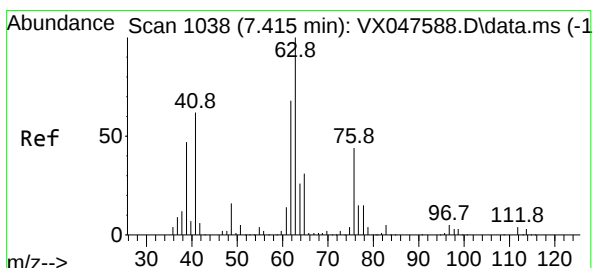
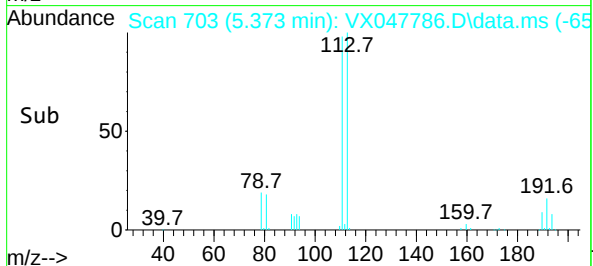
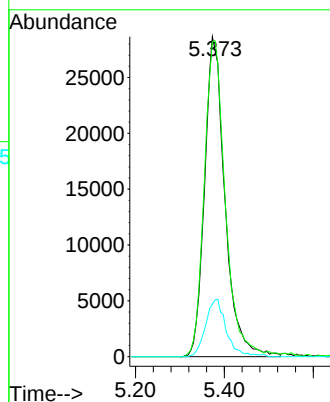
Tgt Ion:113 Resp: 91361

Ion Ratio Lower Upper

113 100

111 102.4 80.9 121.3

192 18.2 14.2 21.4



#45

1,2-Dichloropropane

Concen: 3.036 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX047786.D

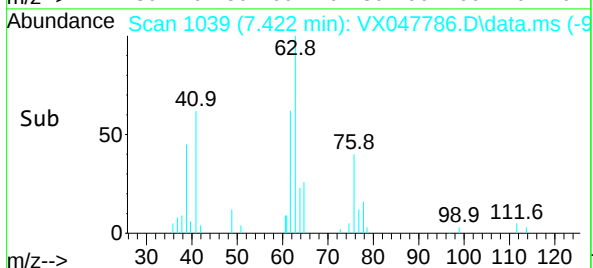
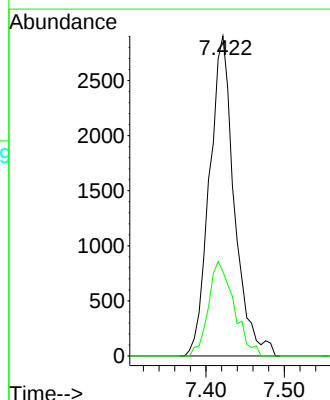
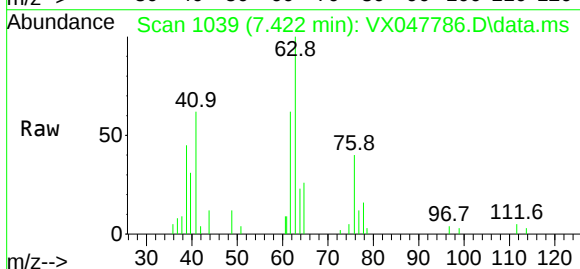
Acq: 24 Sep 2025 18:51

Tgt Ion: 63 Resp: 6397

Ion Ratio Lower Upper

63 100

65 26.4 24.7 37.1

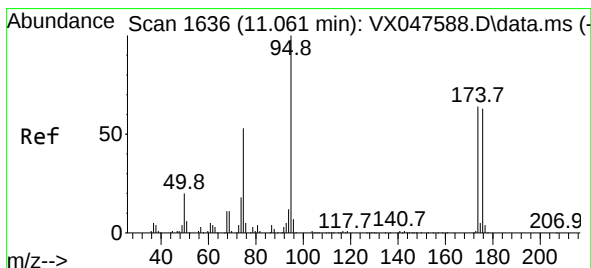
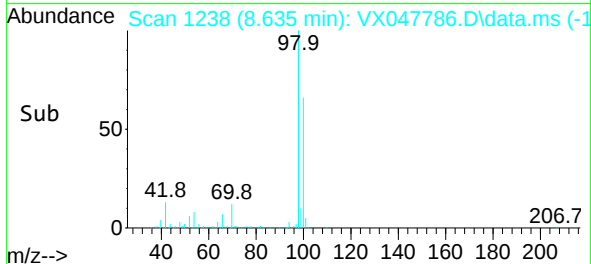
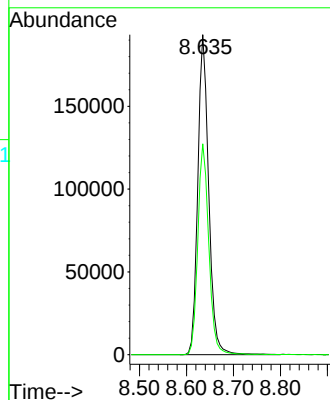
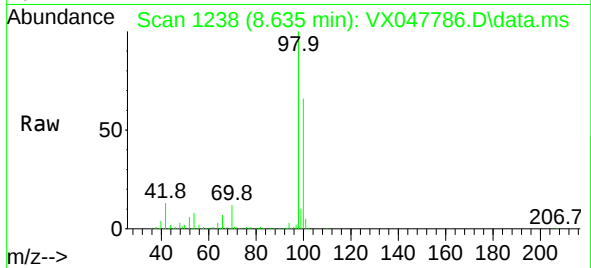




#50
Toluene-d8
Concen: 48.734 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047786.D
Acq: 24 Sep 2025 18:51

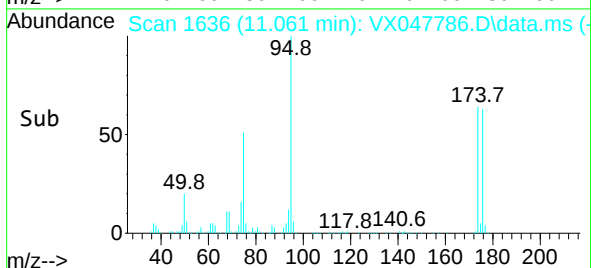
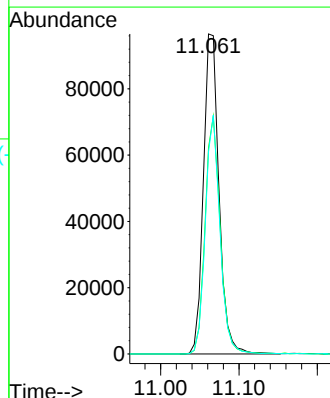
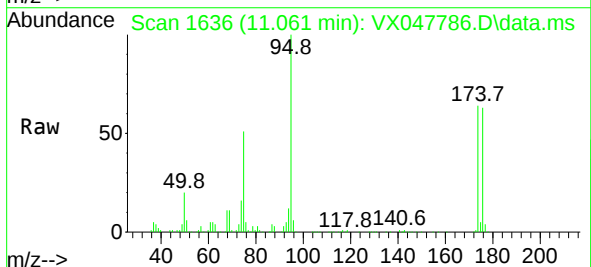
Instrument :
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RE135D2-20250915

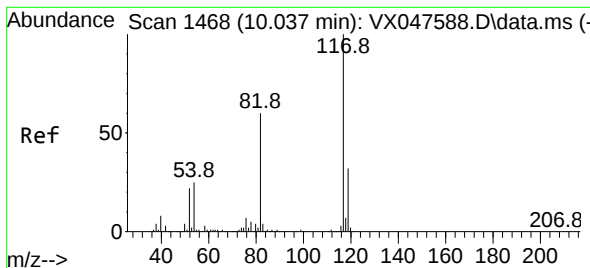
Tgt Ion: 98 Resp: 312620
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.747 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047786.D
Acq: 24 Sep 2025 18:51

Tgt Ion: 95 Resp: 133284
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 70.3 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: VX047786.D

Acq: 24 Sep 2025 18:51

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20250915

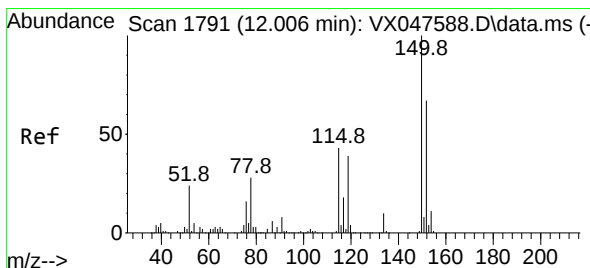
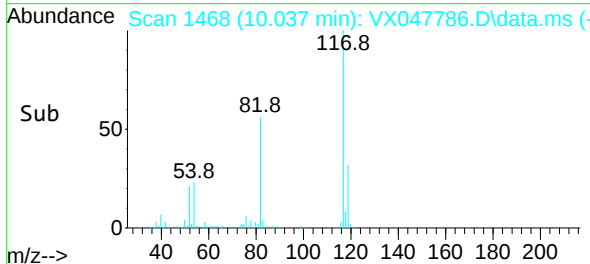
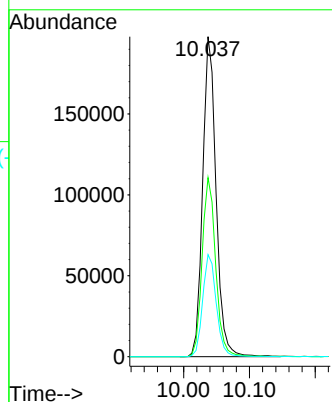
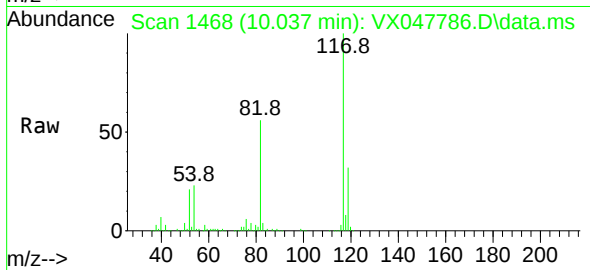
Tgt Ion:117 Resp: 279711

Ion Ratio Lower Upper

117 100

82 56.0 47.8 71.6

119 31.9 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047786.D

Acq: 24 Sep 2025 18:51

Tgt Ion:152 Resp: 142150

Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

150 156.1 0.0 352.0

