

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047985.D
 Acq On : 03 Oct 2025 11:34
 Operator : JC/MD
 Sample : Q3194-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D1-20250922DL

Quant Time: Oct 03 23:44:35 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)

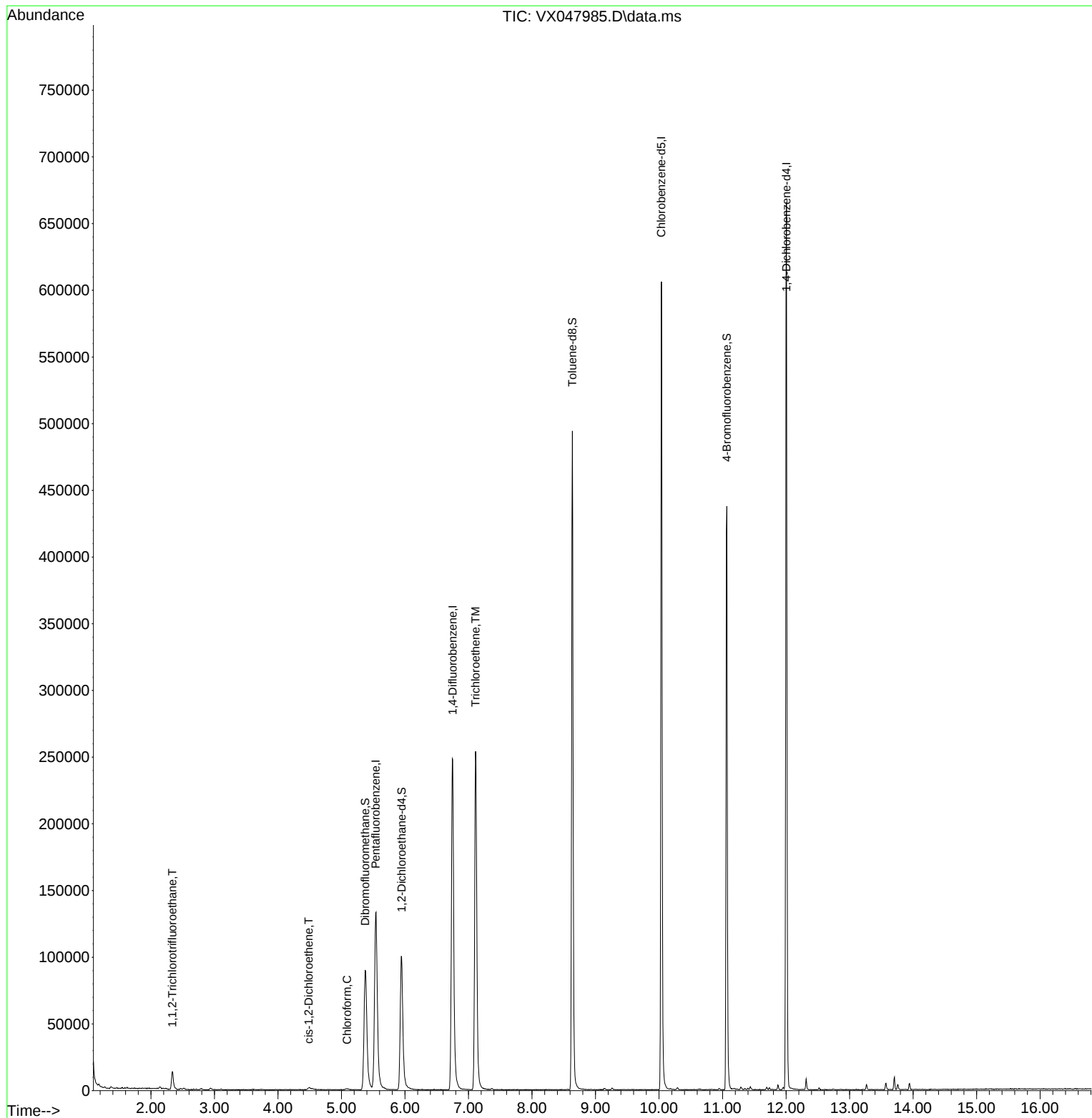
Internal Standards						
1) Pentafluorobenzene	5.538	168	132167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110564	52.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.120%
35) Dibromofluoromethane	5.373	113	89383	48.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.635	98	301832	47.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.500%
62) 4-Bromofluorobenzene	11.067	95	128016	53.358	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.720%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	5719	3.741	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	1154	0.557	ug/l	96
30) Chloroform	5.086	83	1262	0.374	ug/l	99
44) Trichloroethene	7.110	130	107945	55.066	ug/l	99

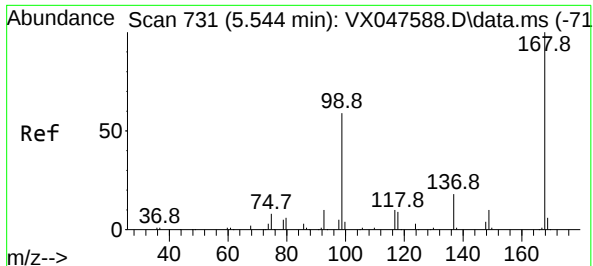
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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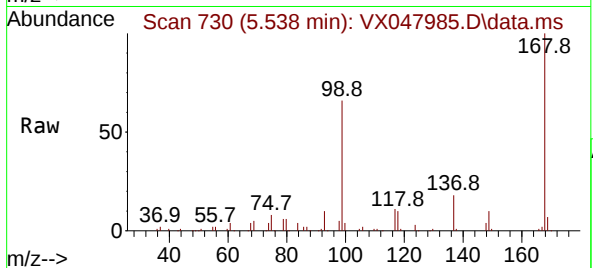
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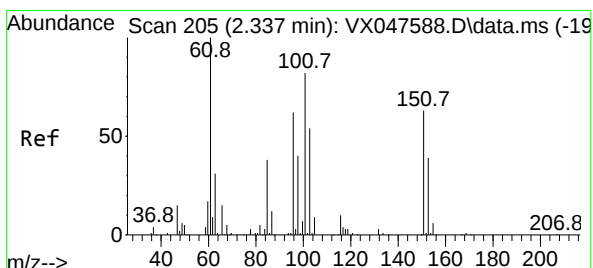
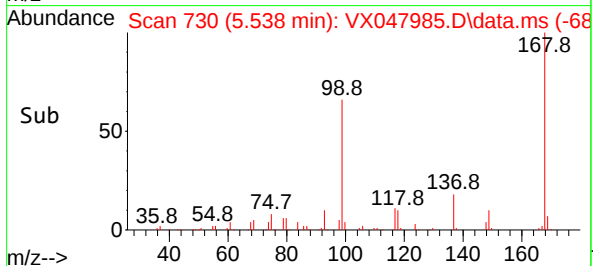
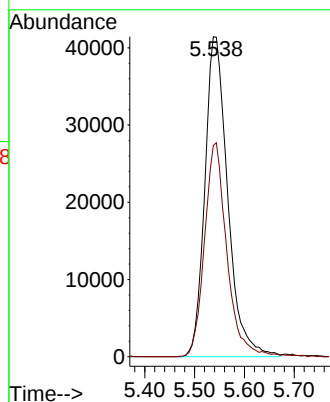


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922DL

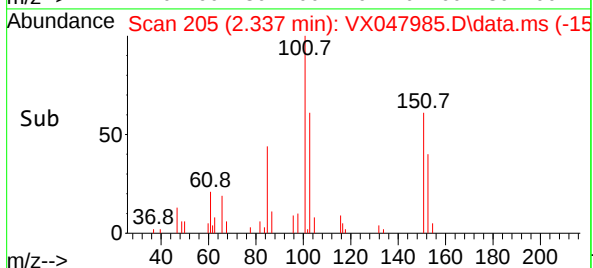
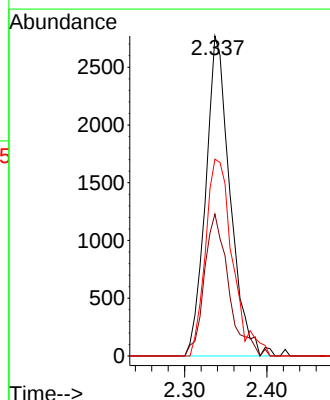
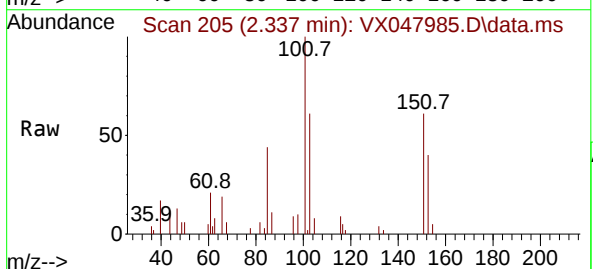


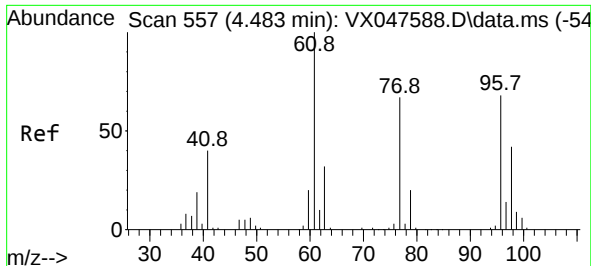
Tgt Ion:168 Resp: 132167
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.741 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

Tgt Ion:101 Resp: 5719
Ion Ratio Lower Upper
101 100
85 44.3 35.5 53.3
151 68.0 59.4 89.0





#27

cis-1,2-Dichloroethene

Concen: 0.557 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047985.D

Acq: 03 Oct 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

TT189D1-20250922DL

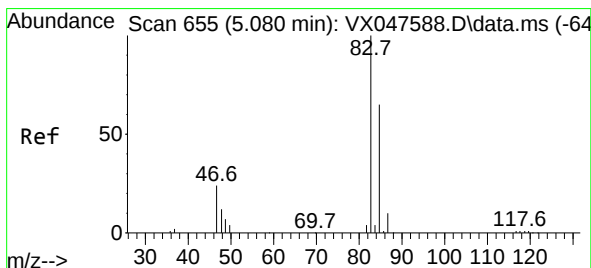
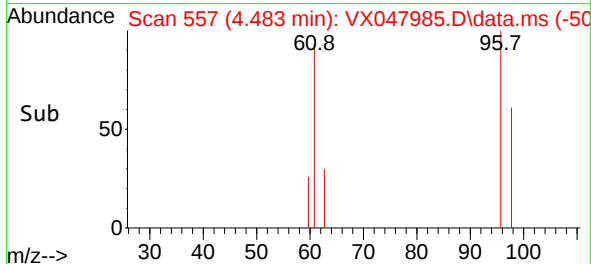
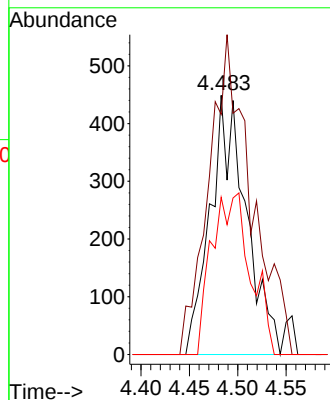
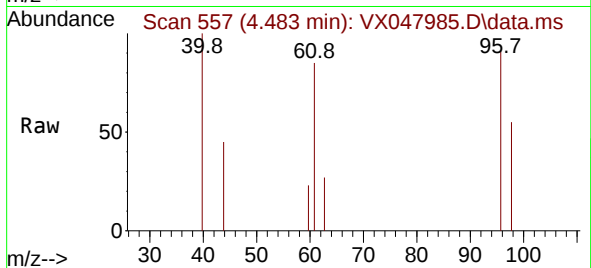
Tgt Ion: 96 Resp: 1154

Ion Ratio Lower Upper

96 100

61 147.0 0.0 303.2

98 67.6 0.0 127.8



#30

Chloroform

Concen: 0.374 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047985.D

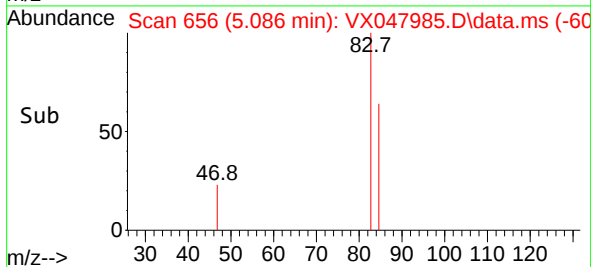
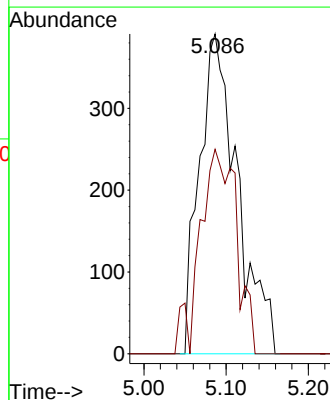
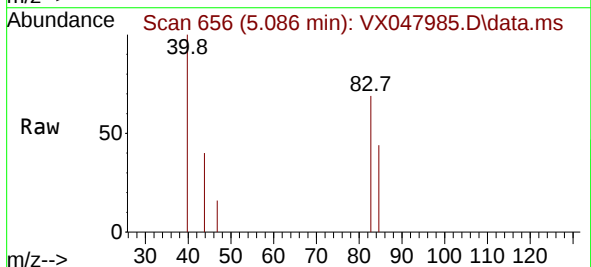
Acq: 03 Oct 2025 11:34

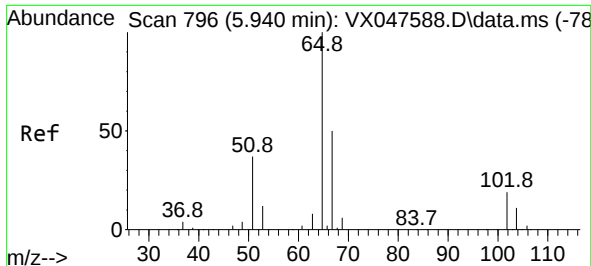
Tgt Ion: 83 Resp: 1262

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.555 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047985.D

Acq: 03 Oct 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

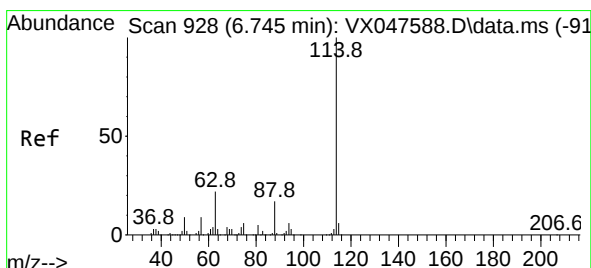
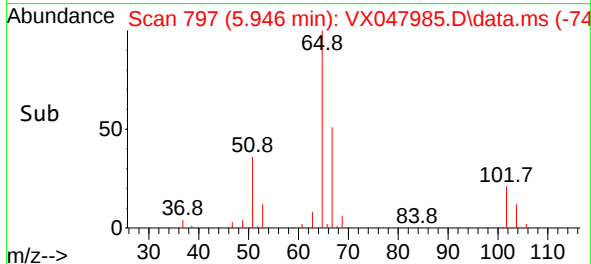
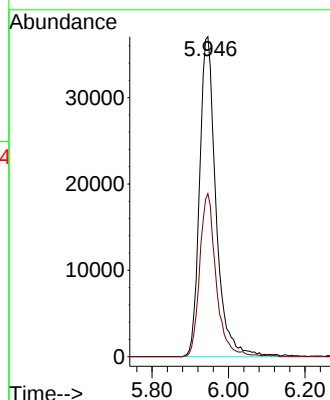
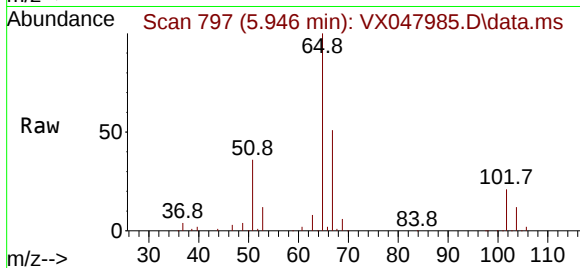
TT189D1-20250922DL

Tgt Ion: 65 Resp: 110564

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: VX047985.D

Acq: 03 Oct 2025 11:34

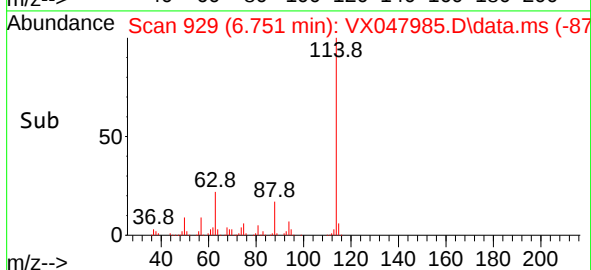
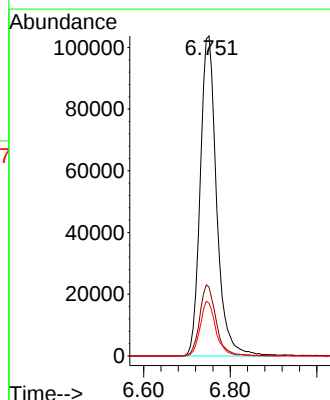
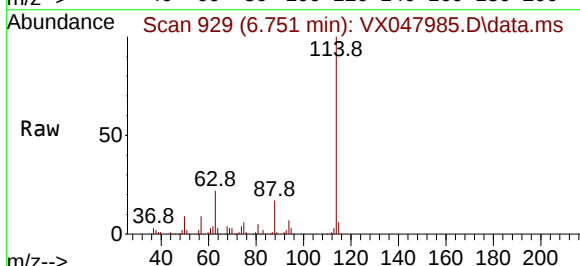
Tgt Ion: 114 Resp: 272415

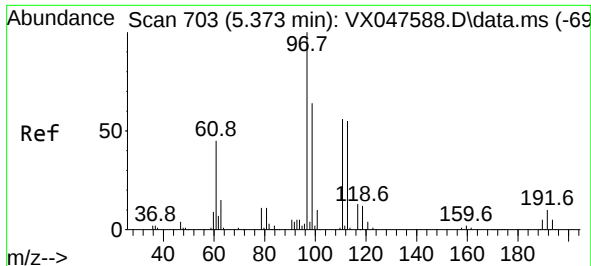
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.5 0.0 34.2

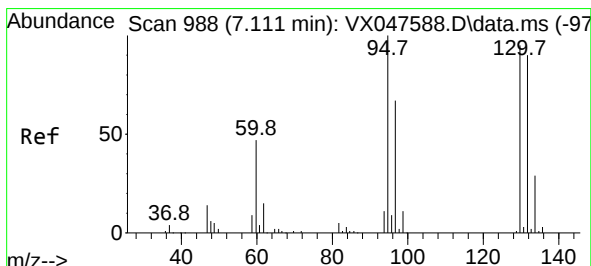
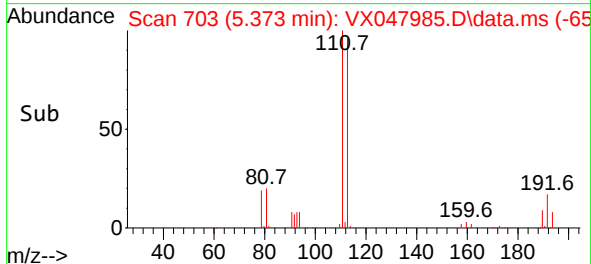
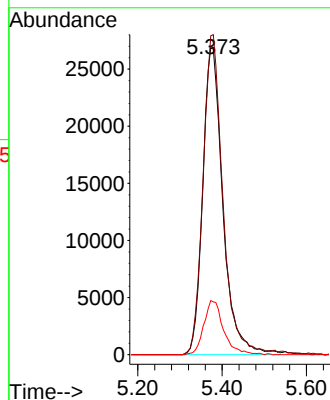
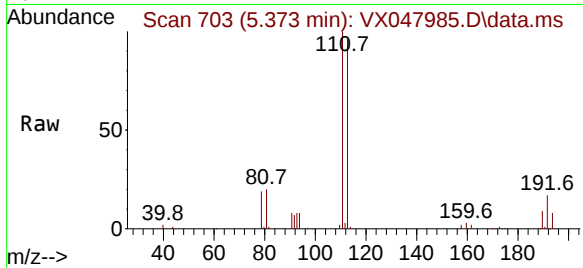




#35
Dibromofluoromethane
Concen: 48.924 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

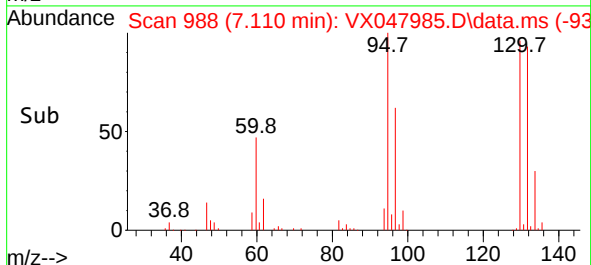
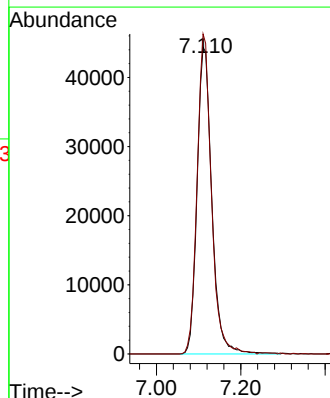
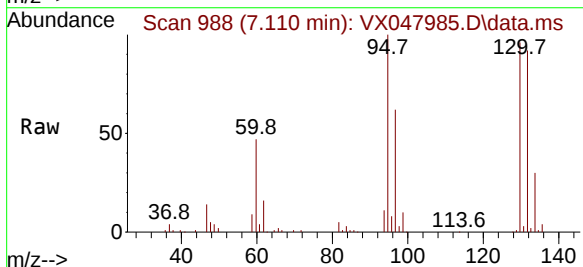
Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922DL

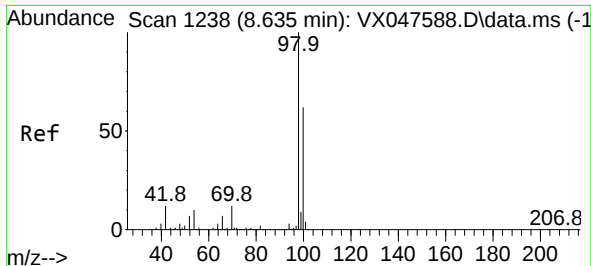
Tgt Ion:113 Resp: 89383
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 17.3 14.2 21.4



#44
Trichloroethene
Concen: 55.066 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

Tgt Ion:130 Resp: 107945
Ion Ratio Lower Upper
130 100
95 104.4 0.0 210.8

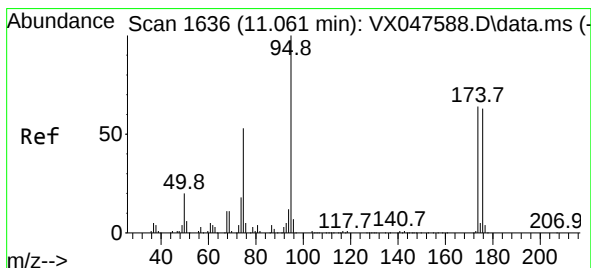
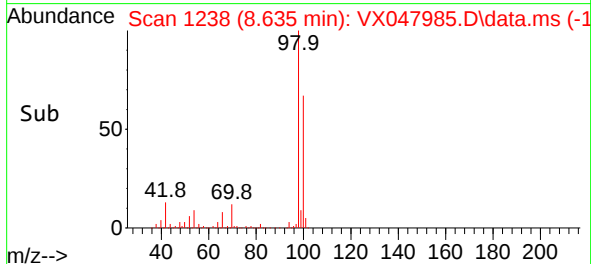
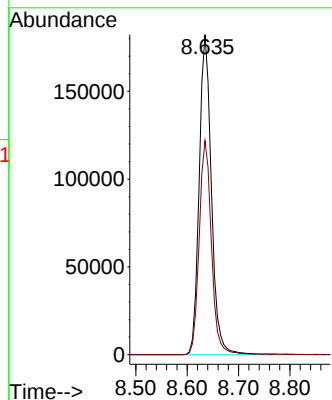
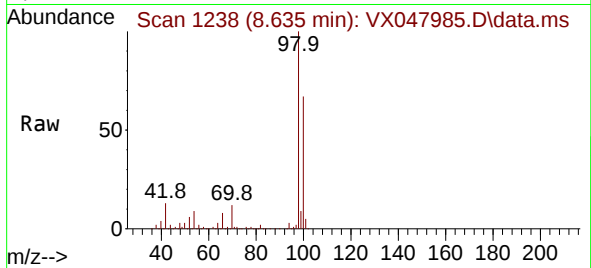




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

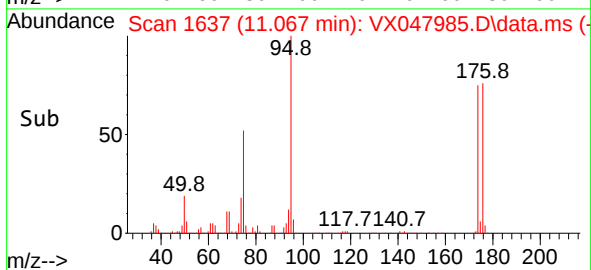
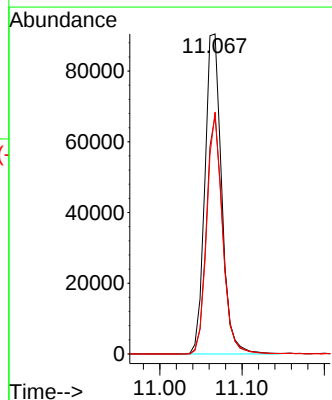
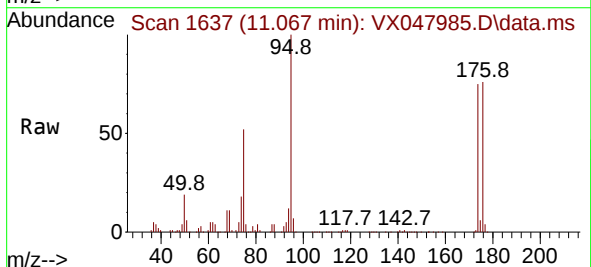
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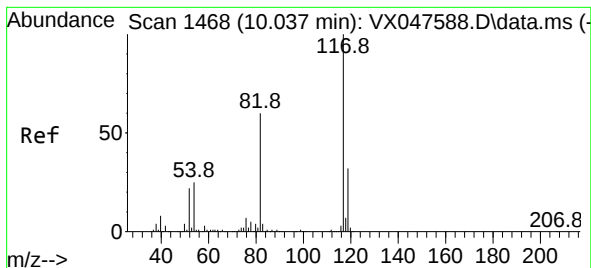
Tgt Ion: 98 Resp: 301832
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.358 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047985.D
Acq: 03 Oct 2025 11:34

Tgt Ion: 95 Resp: 128016
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 70.4 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: VX047985.D

Acq: 03 Oct 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

TT189D1-20250922DL

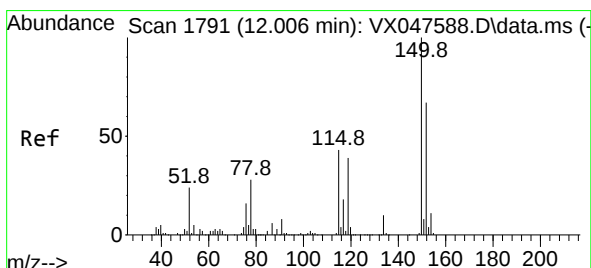
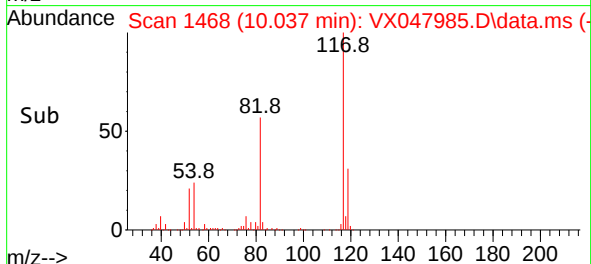
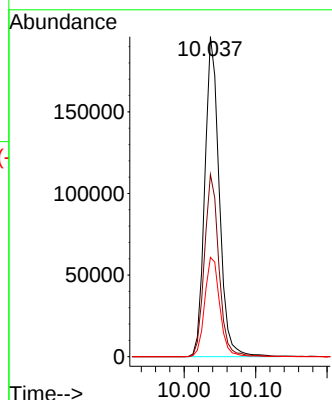
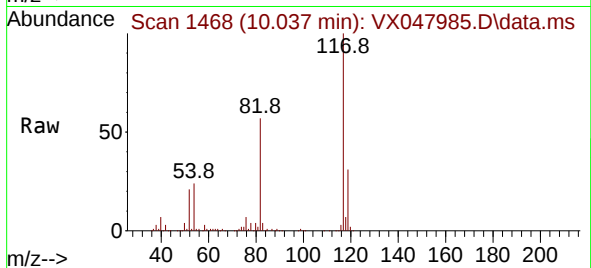
Tgt Ion:117 Resp: 275743

Ion Ratio Lower Upper

117 100

82 56.9 47.8 71.6

119 31.1 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: VX047985.D

Acq: 03 Oct 2025 11:34

Tgt Ion:152 Resp: 136670

Ion Ratio Lower Upper

152 100

115 62.8 44.9 134.5

150 158.5 0.0 352.0

