

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047665.D
 Acq On : 19 Sep 2025 11:26
 Operator : JC/MD
 Sample : Q3095-23DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20250910DL

Quant Time: Sep 20 00:28:56 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)

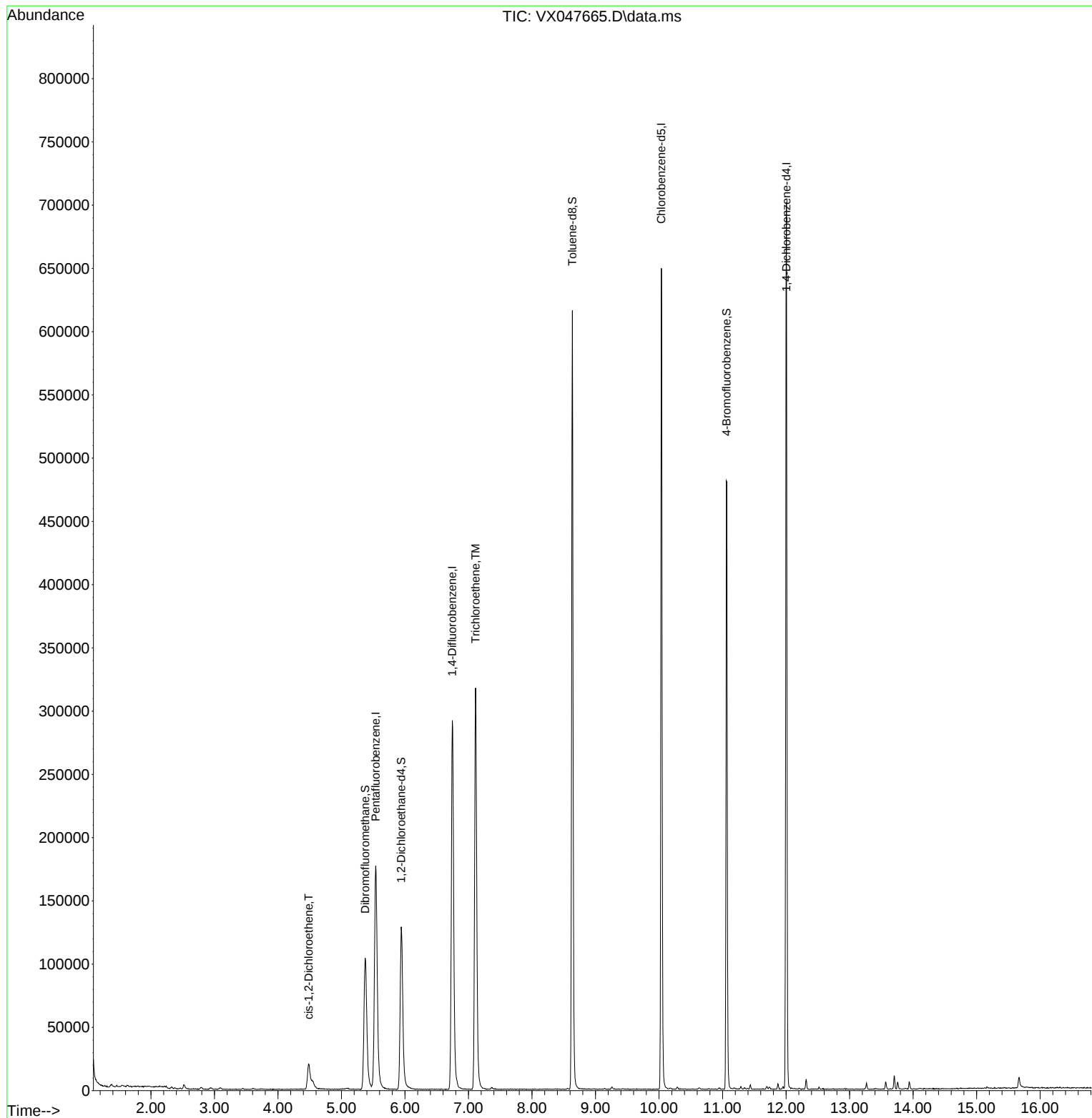
Internal Standards						
1) Pentafluorobenzene	5.537	168	178407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	318864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	138821	48.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.373	113	102800	48.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.635	98	362161	48.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.061	95	140015	49.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
27) cis-1,2-Dichloroethene	4.483	96	13908	4.976	ug/l	93
44) Trichloroethene	7.110	130	132536	57.761	ug/l	99

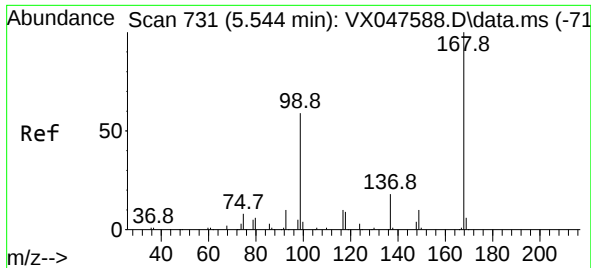
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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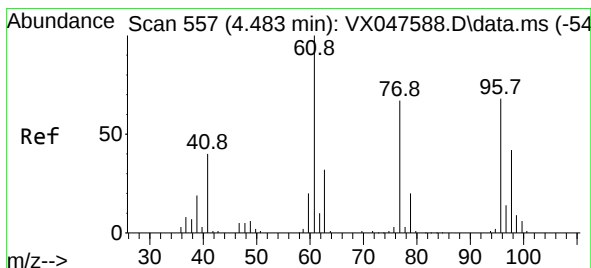
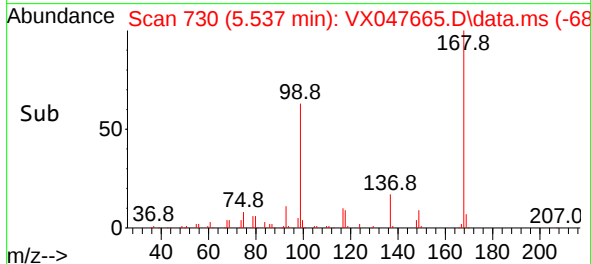
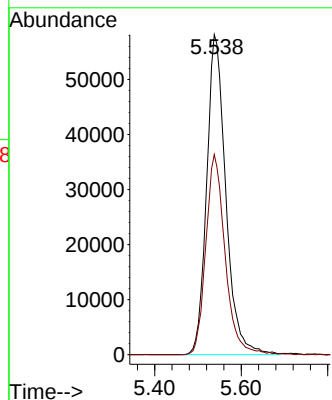
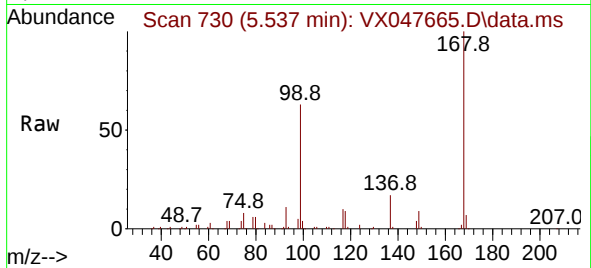




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

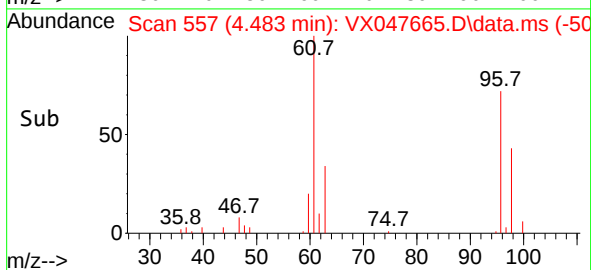
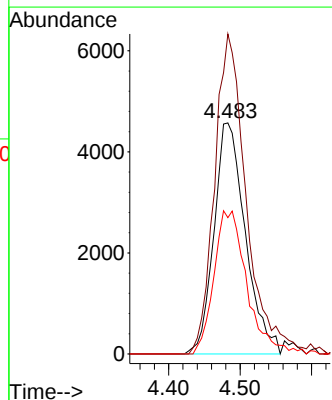
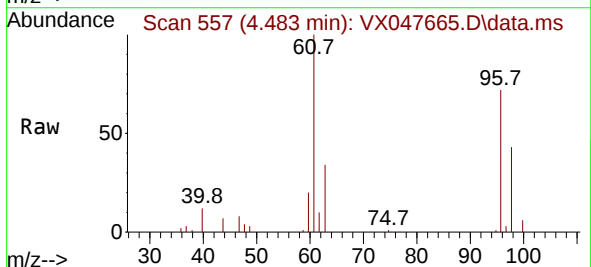
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20250910DL

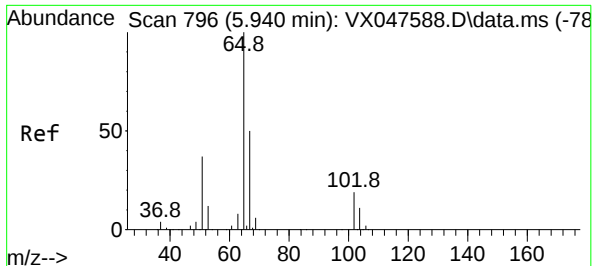
Tgt Ion:168 Resp: 178407
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 4.976 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 96 Resp: 13908
Ion Ratio Lower Upper
96 100
61 140.4 0.0 303.2
98 65.3 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 48.884 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047665.D

Acq: 19 Sep 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

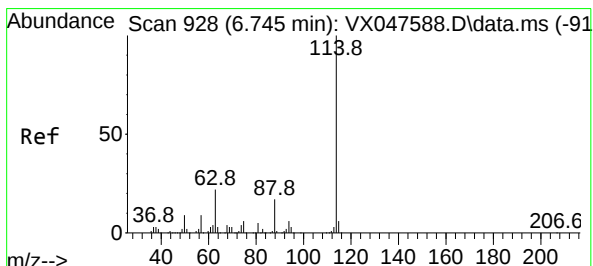
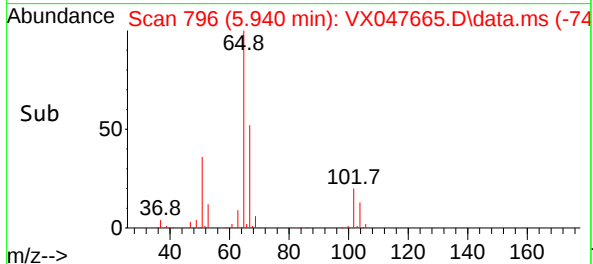
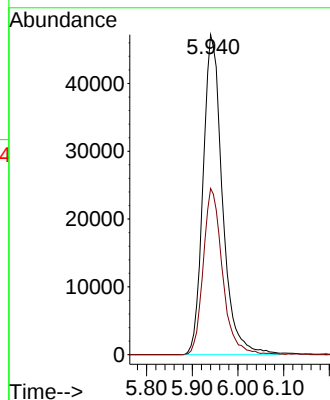
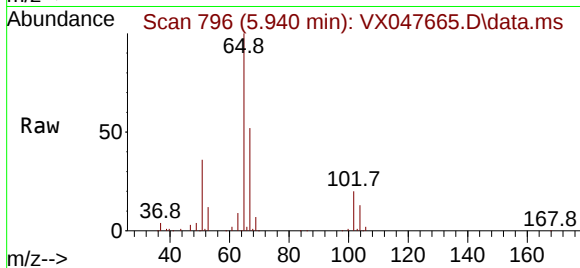
RE104D2-20250910DL

Tgt Ion: 65 Resp: 138821

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047665.D

Acq: 19 Sep 2025 11:26

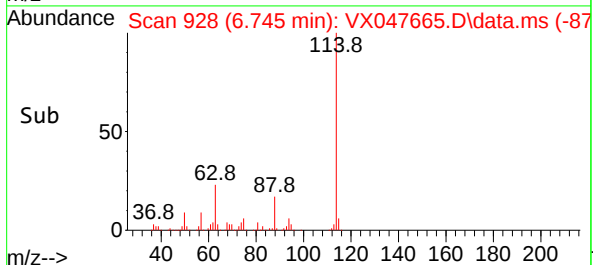
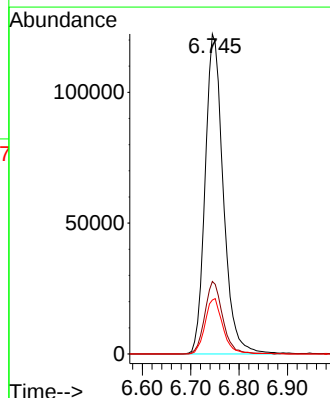
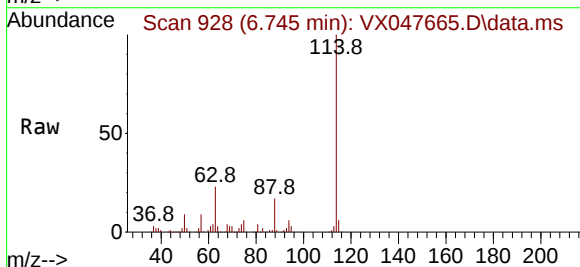
Tgt Ion: 114 Resp: 318864

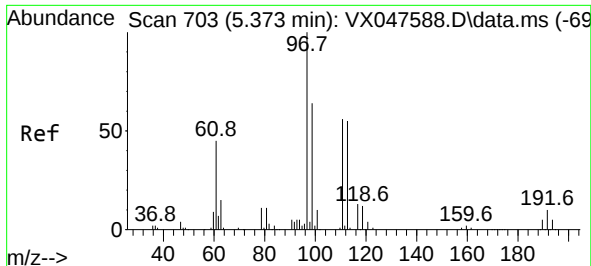
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.0

88 16.9 0.0 34.2

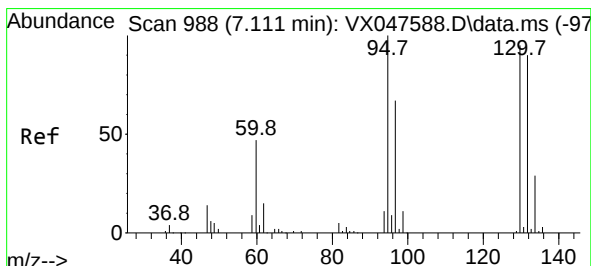
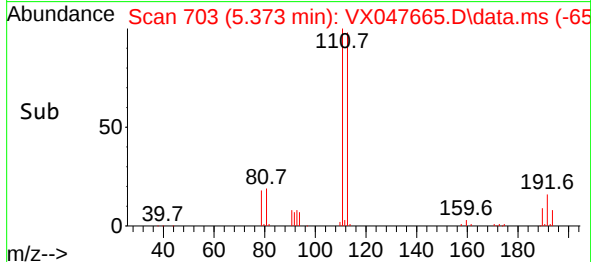
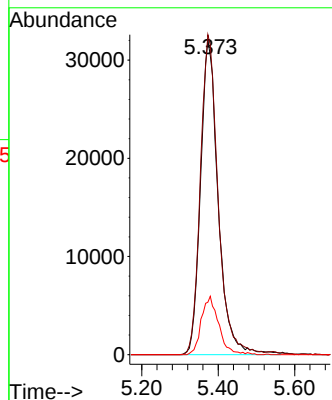
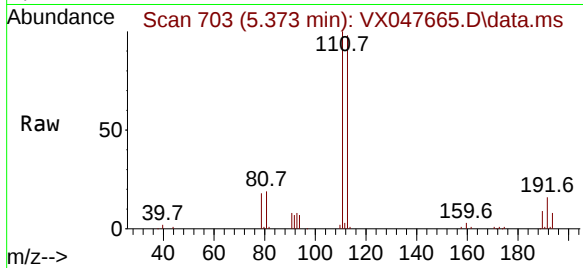




#35
Dibromofluoromethane
Concen: 48.072 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

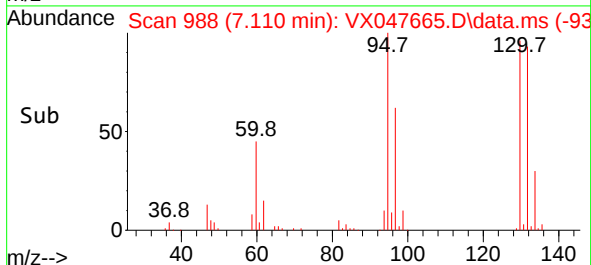
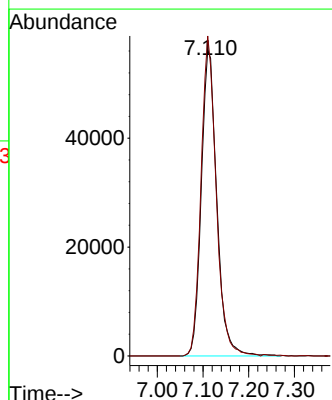
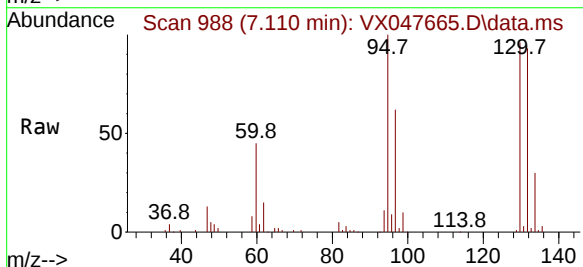
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20250910DL

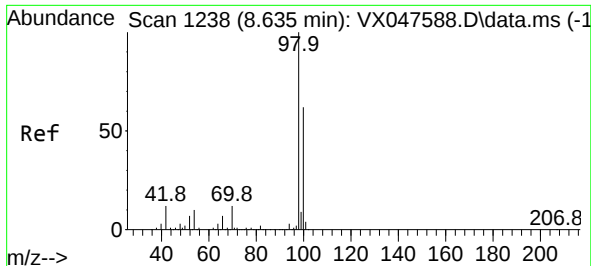
Tgt Ion:113 Resp: 102800
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 18.2 14.2 21.4



#44
Trichloroethene
Concen: 57.761 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

Tgt Ion:130 Resp: 132536
Ion Ratio Lower Upper
130 100
95 104.7 0.0 210.8

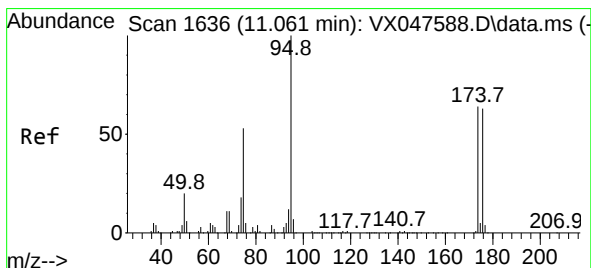
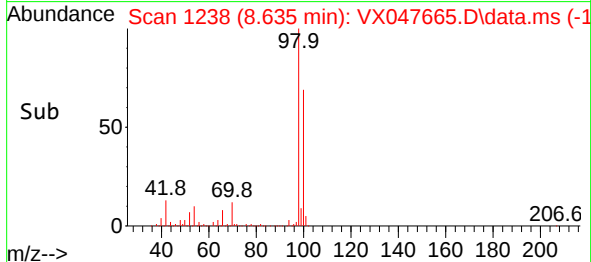
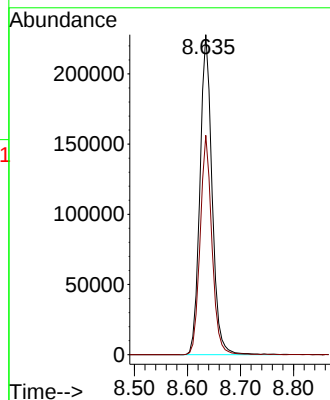
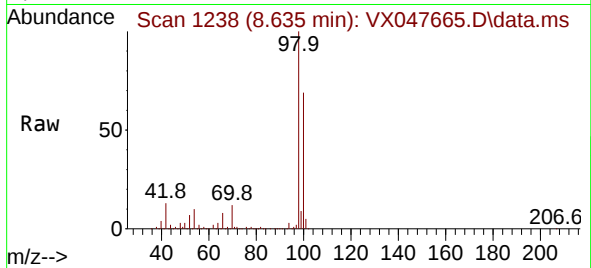




#50
Toluene-d8
Concen: 48.944 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

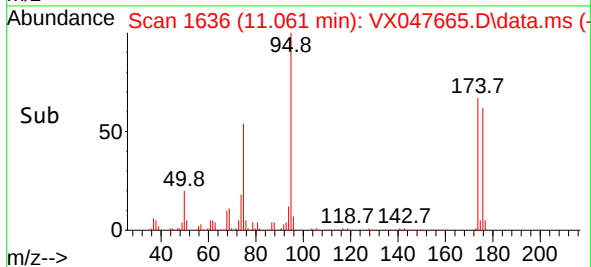
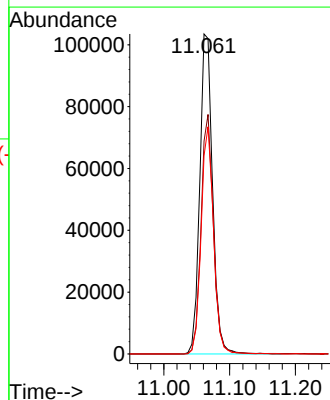
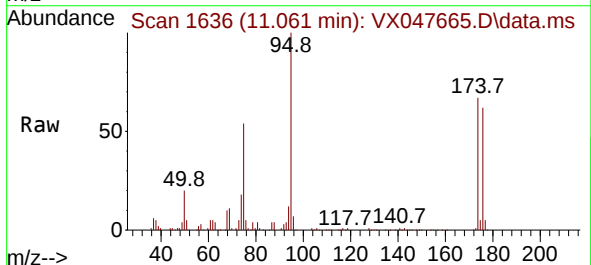
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MSVOA_X
ClientSampleId :
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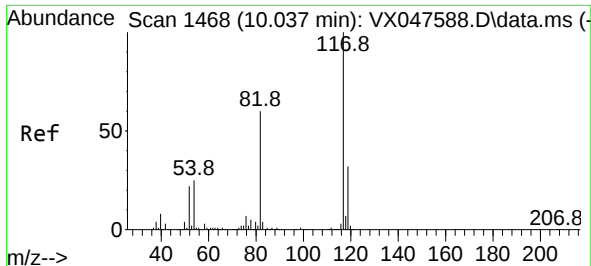
Tgt Ion: 98 Resp: 362161
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.858 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

Tgt Ion: 95 Resp: 140015
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.0 0.0 138.4

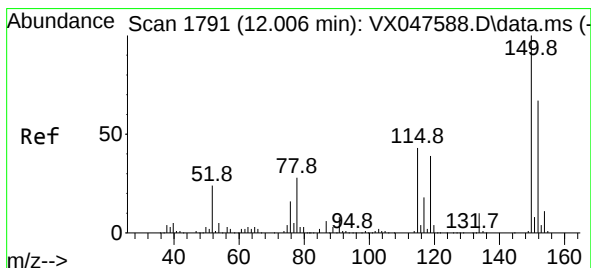
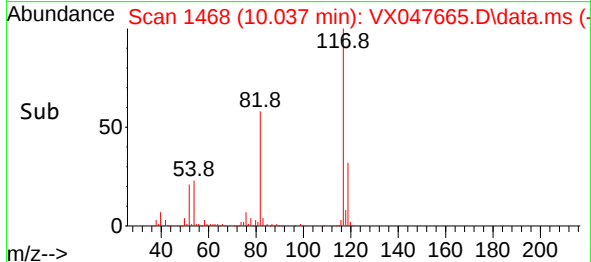
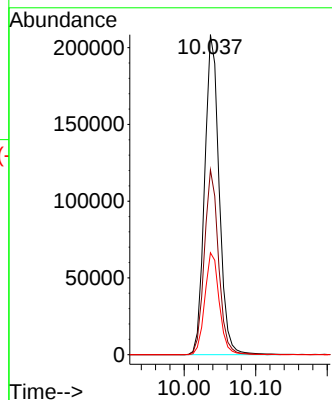
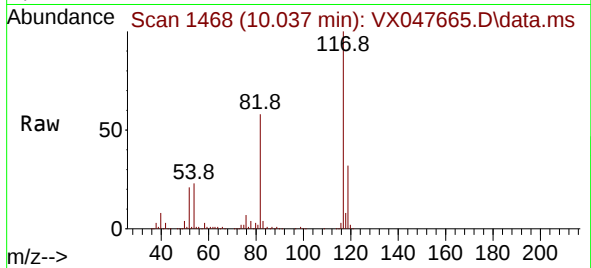




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047665.D
Acq: 19 Sep 2025 11:26

Instrument : MSVOA_X
ClientSampleId : RE104D2-20250910DL

Tgt Ion:	117	Resp:	293829
Ion	Ratio	Lower	Upper
117	100		
82	57.8	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: VX047665.D
Acq: 19 Sep 2025 11:26

Tgt Ion:	152	Resp:	142184
Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.9	134.5
150	156.6	0.0	352.0

