

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031975.D
 Acq On : 01 Aug 2025 11:12
 Operator : SY/MD
 Sample : Q2741-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-07312025

Quant Time: Aug 01 23:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

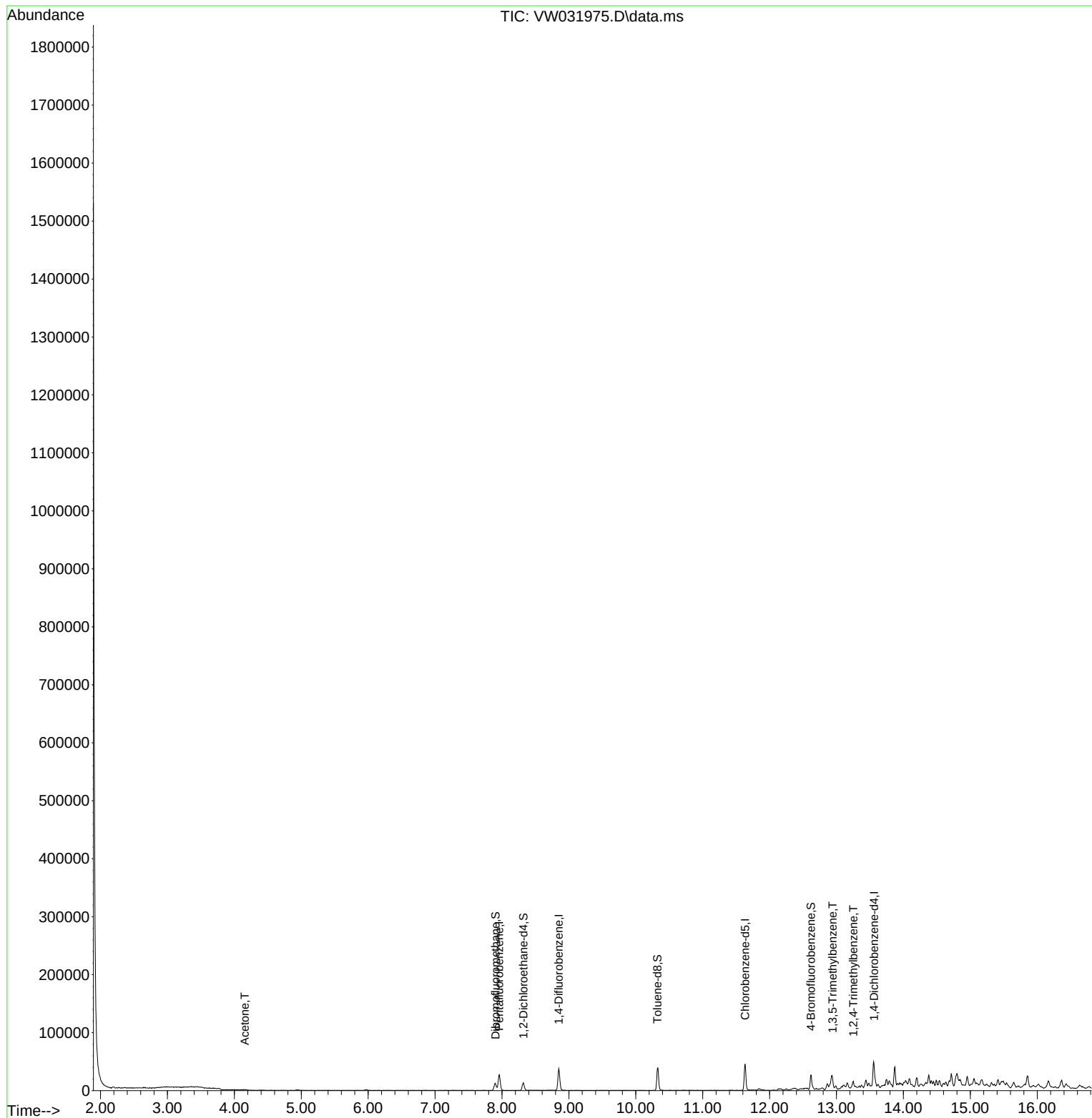
Internal Standards						
1) Pentafluorobenzene	7.959	168	18435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	30774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	26093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.562	152	11281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	10481	37.583	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	75.160%
35) Dibromofluoromethane	7.904	113	9389	44.899	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	89.800%
50) Toluene-d8	10.325	98	28195	35.625	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	71.260%#
62) 4-Bromofluorobenzene	12.617	95	9801	32.251	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	64.500%
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	2078	31.401	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	3056	3.723	ug/l	94
84) 1,2,4-Trimethylbenzene	13.251	105	7013	8.440	ug/l	95

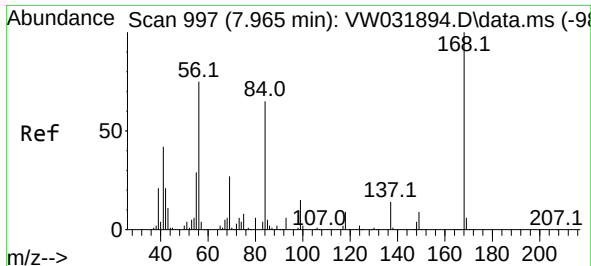
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031975.D
Acq On : 01 Aug 2025 11:12
Operator : SY/MD
Sample : Q2741-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

Quant Time: Aug 01 23:10:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

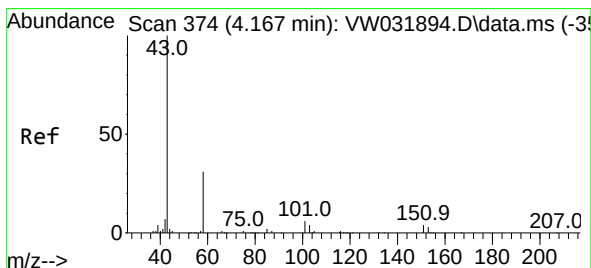
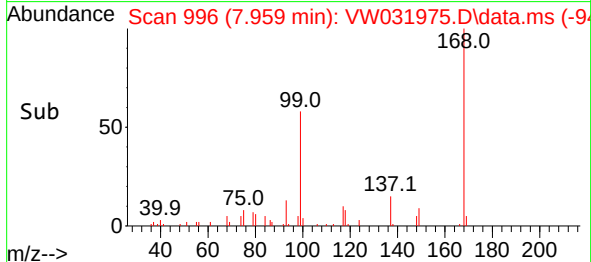
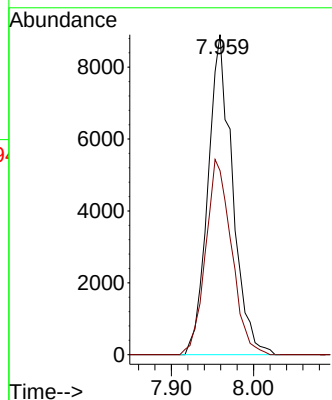
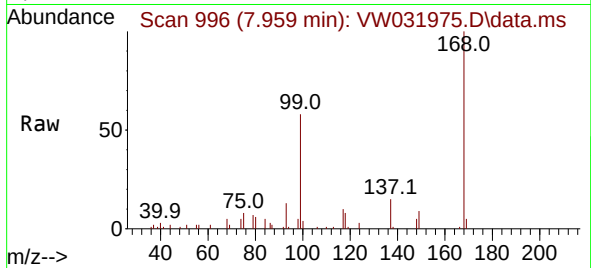




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031975.D
Acq: 01 Aug 2025 11:12

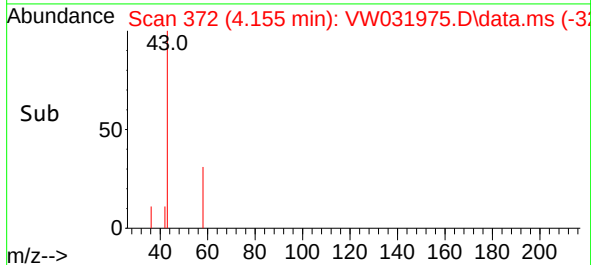
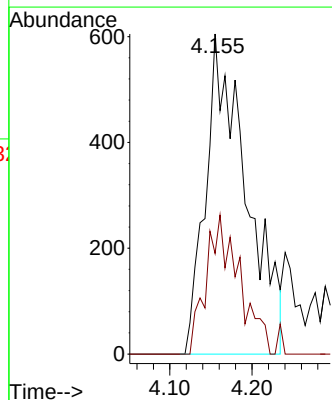
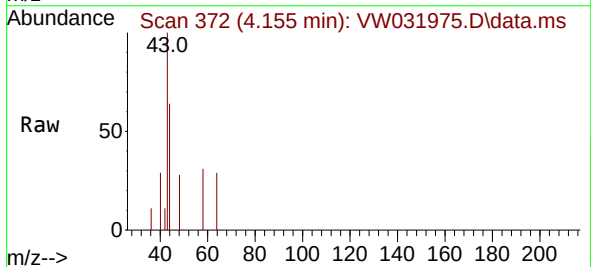
Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

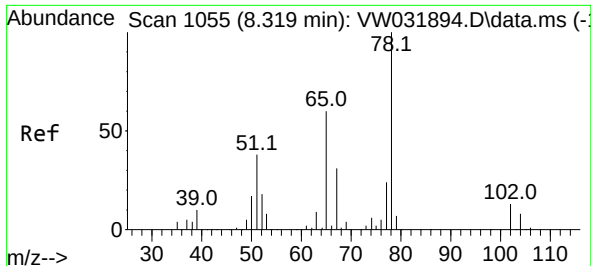
Tgt Ion:168 Resp: 18435
Ion Ratio Lower Upper
168 100
99 57.5 48.2 72.2



#16
Acetone
Concen: 31.401 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031975.D
Acq: 01 Aug 2025 11:12

Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 31.4 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 37.583 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031975.D

Acq: 01 Aug 2025 11:12

Instrument :

MSVOA_W

ClientSampleId :

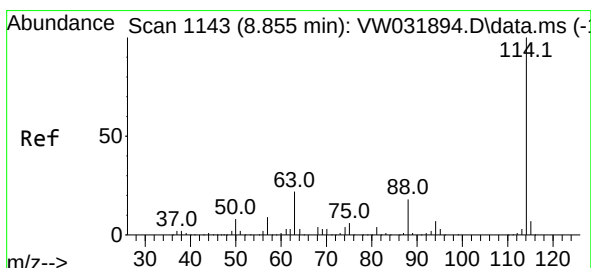
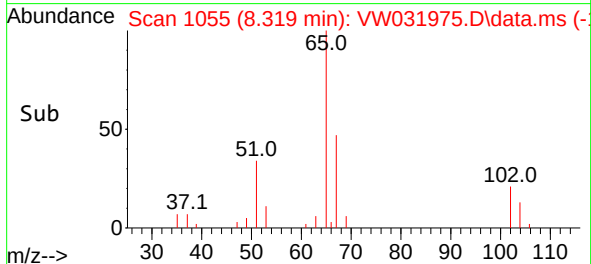
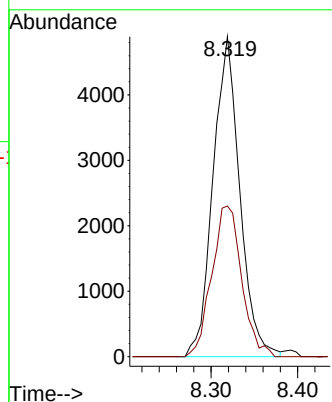
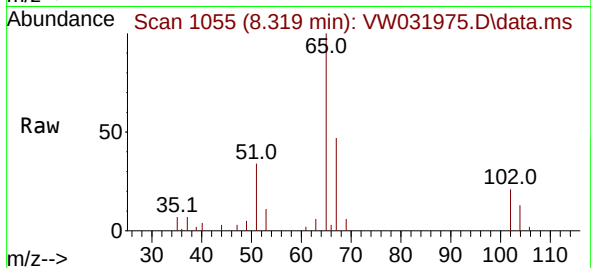
TR-05-07312025

Tgt Ion: 65 Resp: 10481

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW031975.D

Acq: 01 Aug 2025 11:12

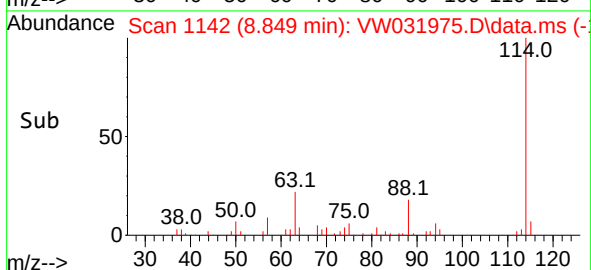
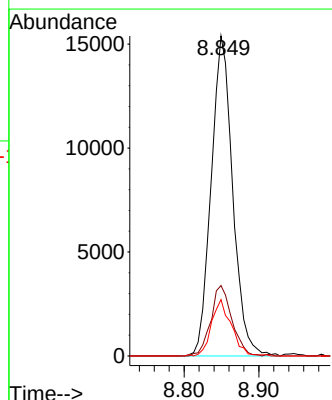
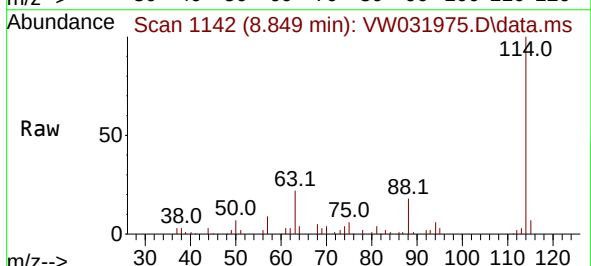
Tgt Ion: 114 Resp: 30774

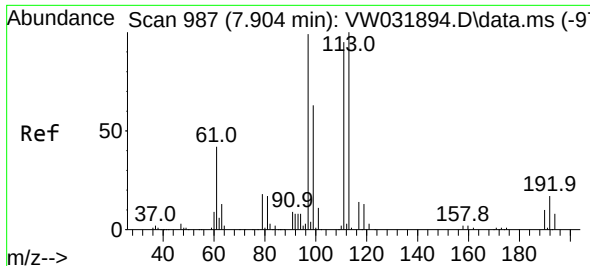
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

88 17.6 0.0 35.6

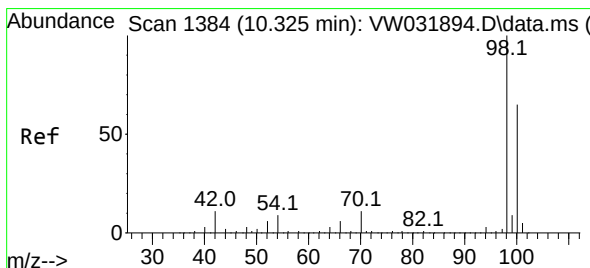
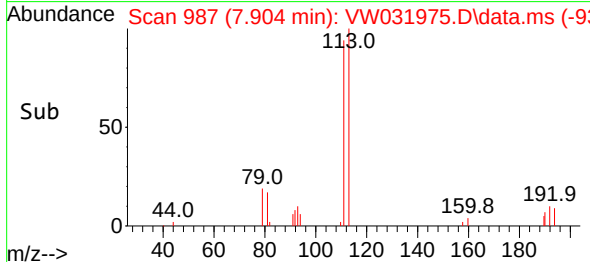
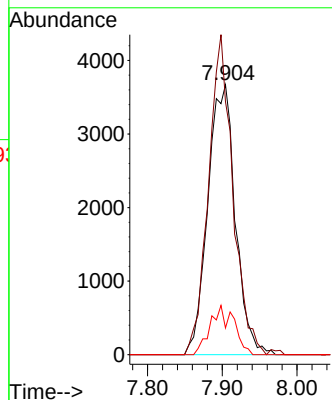
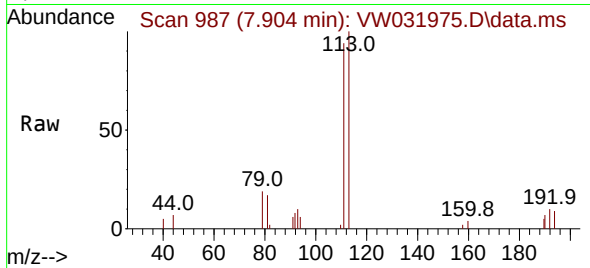




#35
 Dibromofluoromethane
 Concen: 44.899 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031975.D
 Acq: 01 Aug 2025 11:12

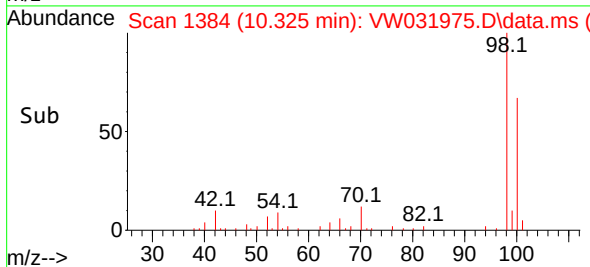
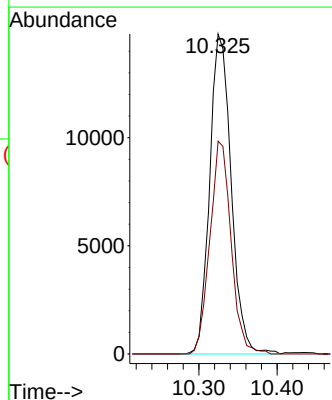
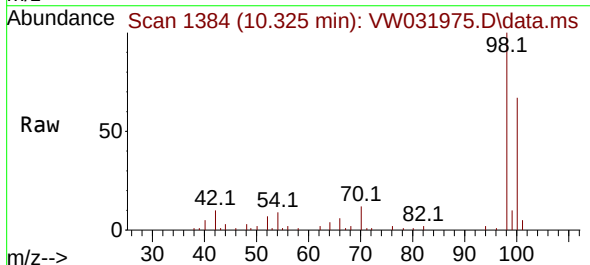
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-07312025

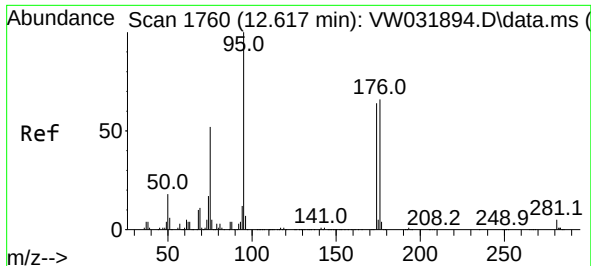
Tgt Ion:113 Resp: 9389
 Ion Ratio Lower Upper
 113 100
 111 104.7 79.9 119.9
 192 15.7 12.6 19.0



#50
 Toluene-d8
 Concen: 35.625 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW031975.D
 Acq: 01 Aug 2025 11:12

Tgt Ion: 98 Resp: 28195
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.7 77.5

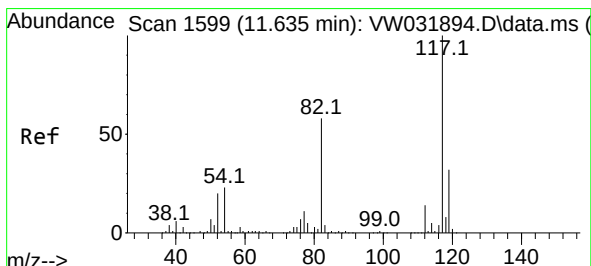
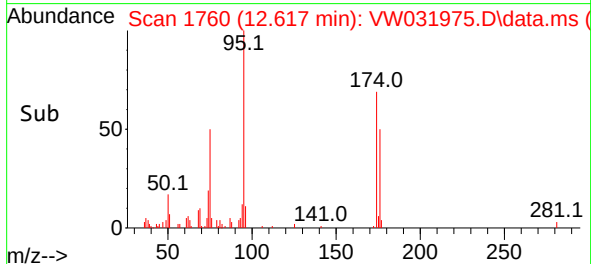
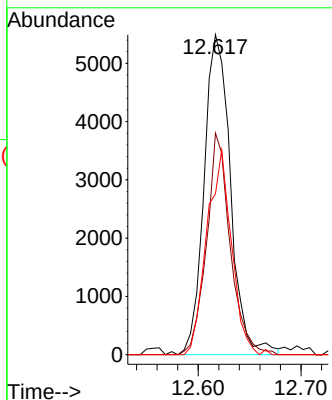
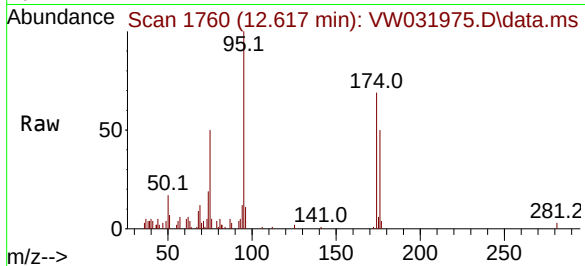




#62
4-Bromofluorobenzene
Concen: 32.251 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031975.D
Acq: 01 Aug 2025 11:12

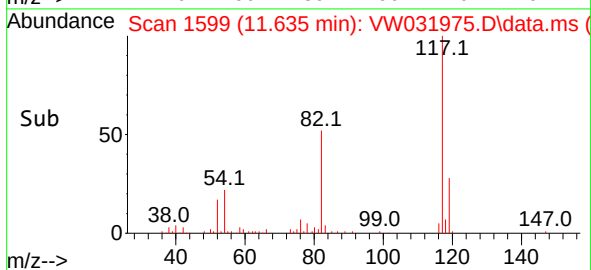
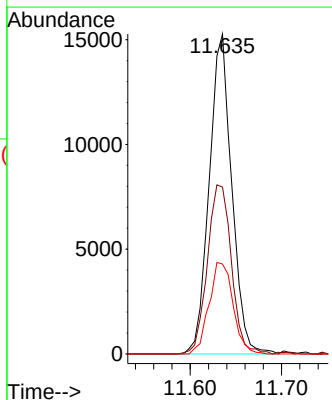
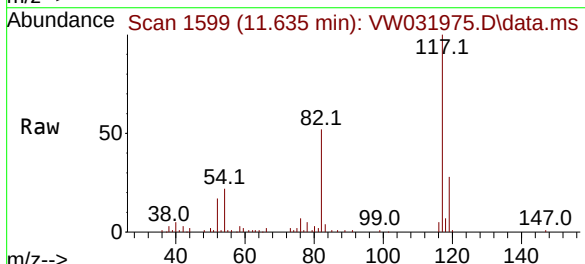
Instrument :
MSVOA_W
ClientSampleId :
TR-05-07312025

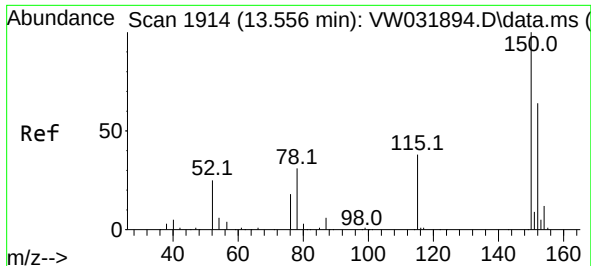
Tgt Ion:	95	Resp:	9801
Ion	Ratio	Lower	Upper
95	100		
174	62.3	0.0	129.8
176	60.0	0.0	130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW031975.D
Acq: 01 Aug 2025 11:12

Tgt Ion:	117	Resp:	26093
Ion	Ratio	Lower	Upper
117	100		
82	52.2	46.5	69.7
119	28.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.562 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW031975.D

Acq: 01 Aug 2025 11:12

Instrument :

MSVOA_W

ClientSampleId :

TR-05-07312025

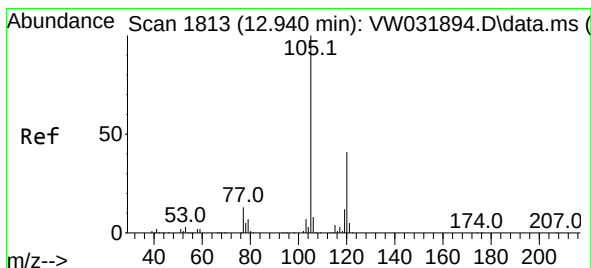
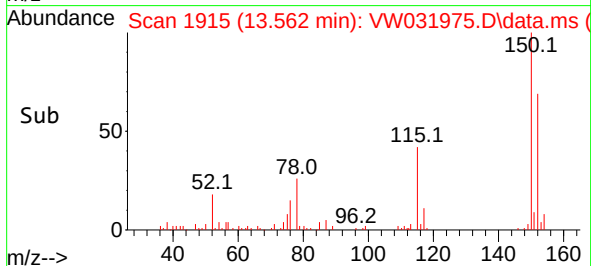
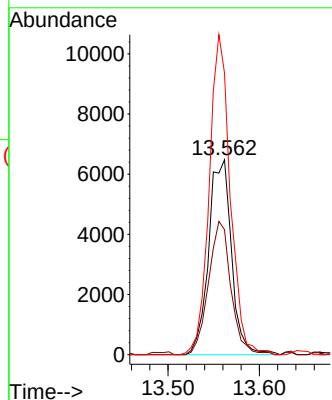
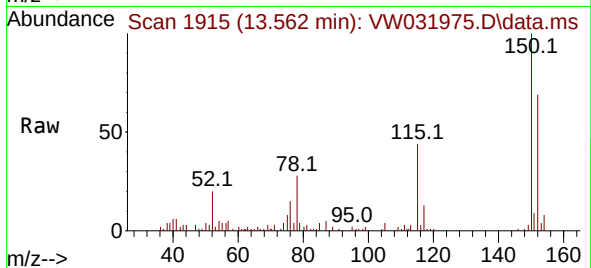
Tgt Ion:152 Resp: 11281

Ion Ratio Lower Upper

152 100

115 66.9 33.4 100.1

150 151.0 0.0 352.2



#80

1,3,5-Trimethylbenzene

Concen: 3.723 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031975.D

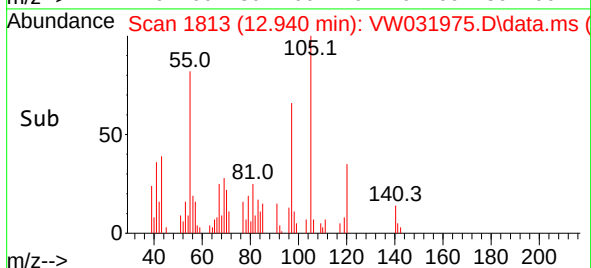
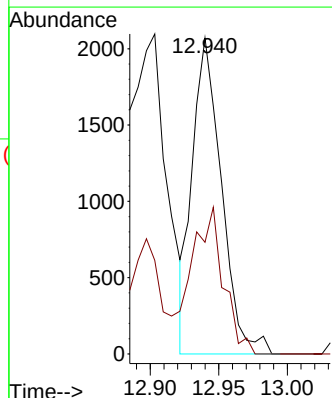
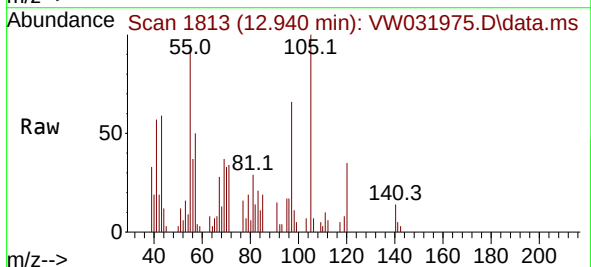
Acq: 01 Aug 2025 11:12

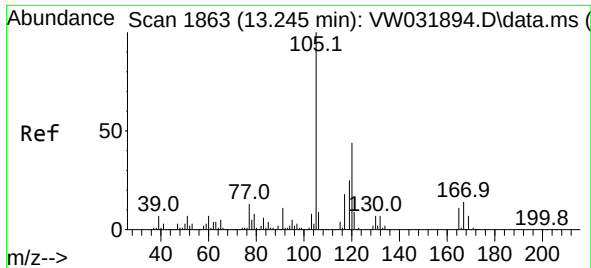
Tgt Ion:105 Resp: 3056

Ion Ratio Lower Upper

105 100

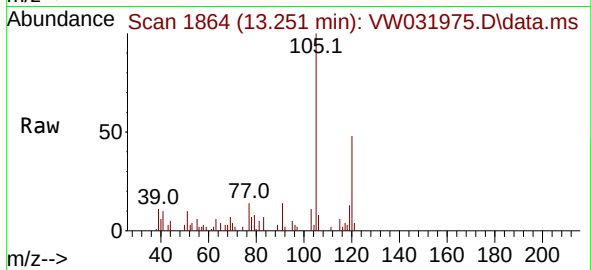
120 51.2 23.5 70.5





#84
 1,2,4-Trimethylbenzene
 Concen: 8.440 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW031975.D
 Acq: 01 Aug 2025 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-07312025



Tgt Ion:105 Resp: 7013
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.3 63.9

