

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032041.D
 Acq On : 07 Aug 2025 13:42
 Operator : SY/MD
 Sample : Q2793-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-231

Quant Time: Aug 08 04:08:55 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)

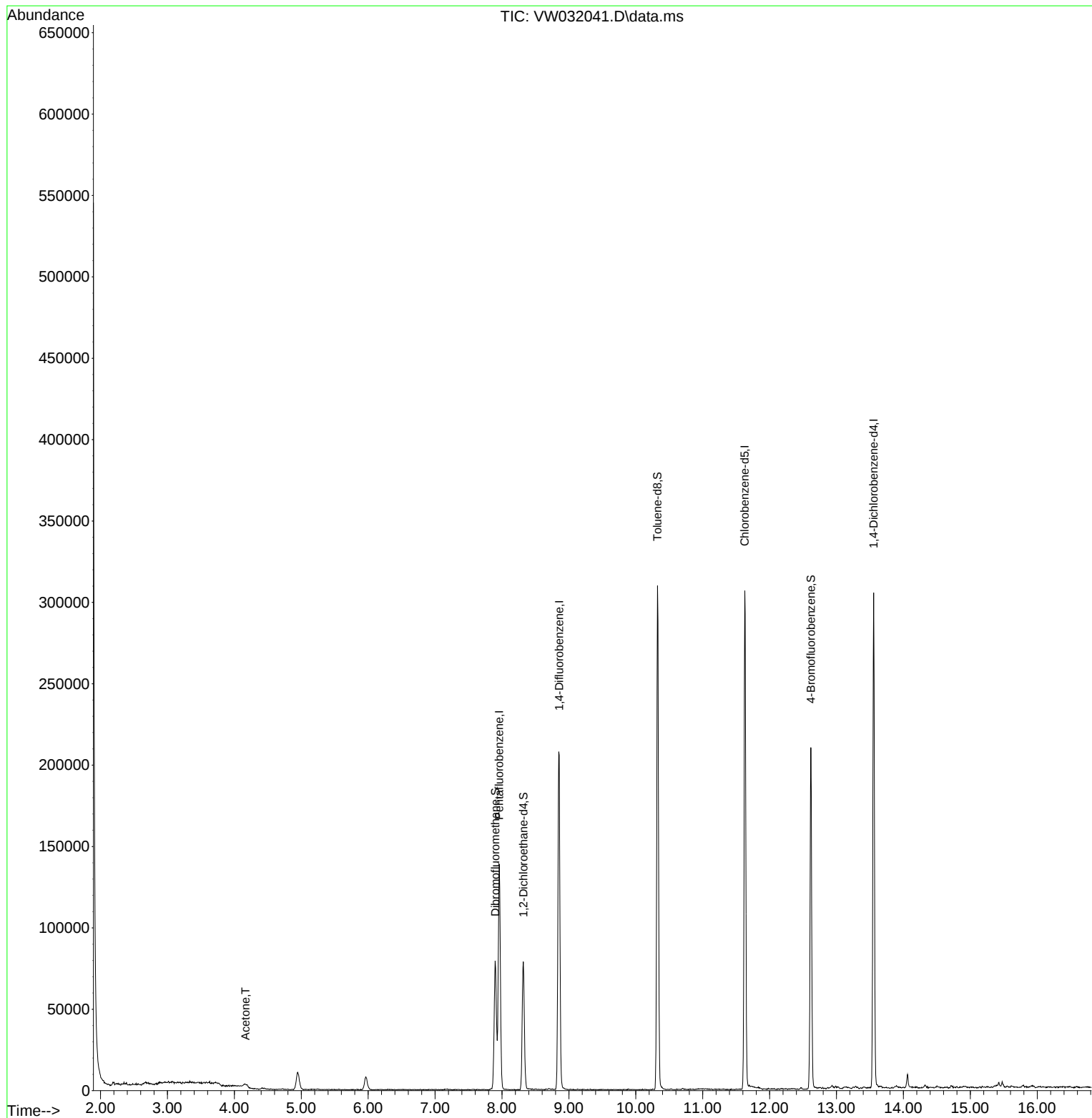
Internal Standards						
1) Pentafluorobenzene	7.959	168	95580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	185003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	167067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	77258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	65480	45.287	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	90.580%	
35) Dibromofluoromethane	7.898	113	59655	47.454	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	94.900%	
50) Toluene-d8	10.325	98	207655	43.645	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	87.300%	
62) 4-Bromofluorobenzene	12.617	95	76855	42.068	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	84.140%	
Target Compounds						Qvalue
16) Acetone	4.167	43	2219	6.467	ug/l	90

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

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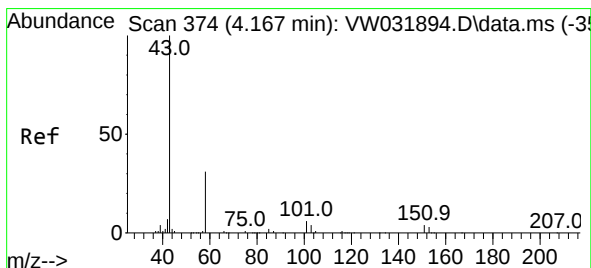
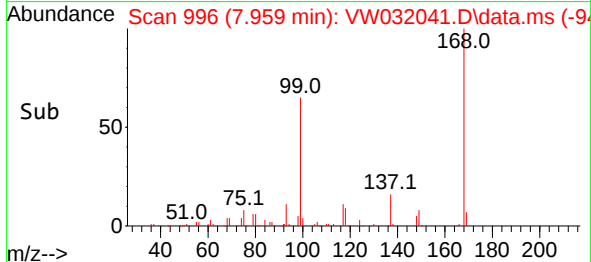
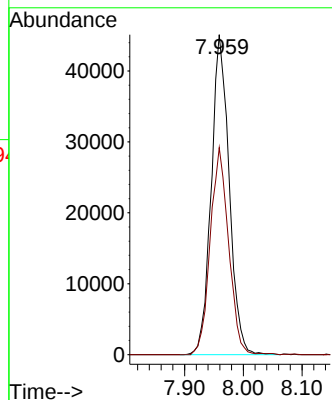
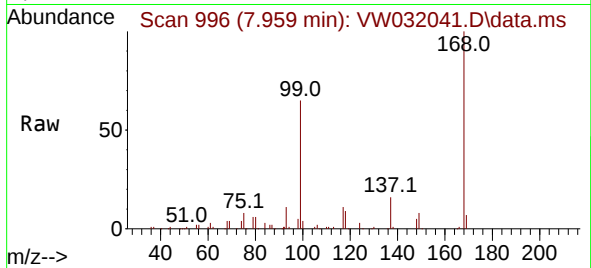




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

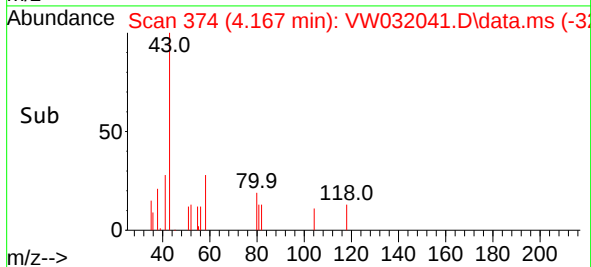
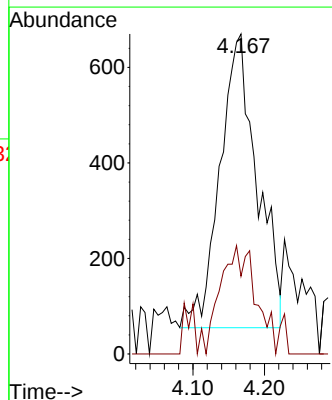
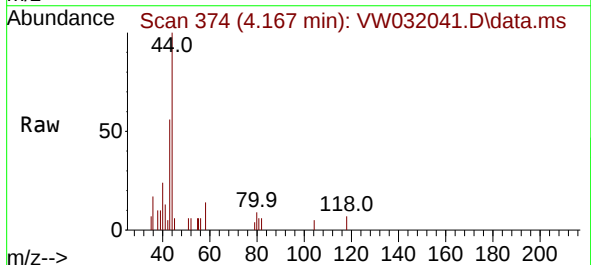
Instrument :
MSVOA_W
ClientSampleId :
VNJ-231

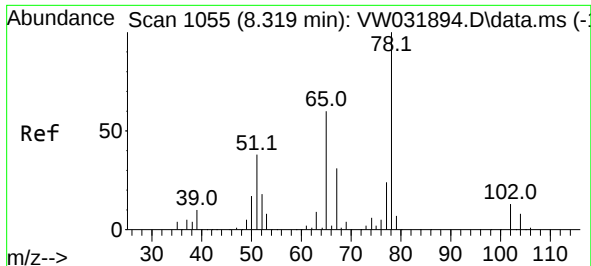
Tgt Ion:168 Resp: 95580
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.2



#16
Acetone
Concen: 6.467 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

Tgt Ion: 43 Resp: 2219
Ion Ratio Lower Upper
43 100
58 26.5 25.5 38.3

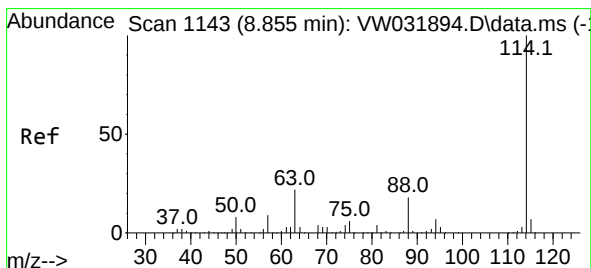
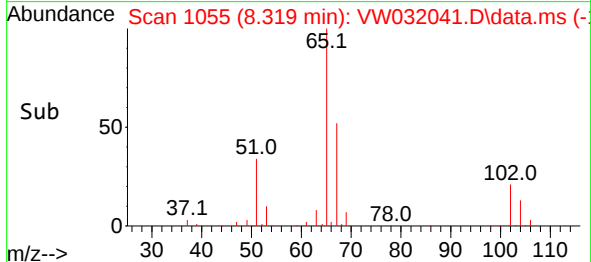
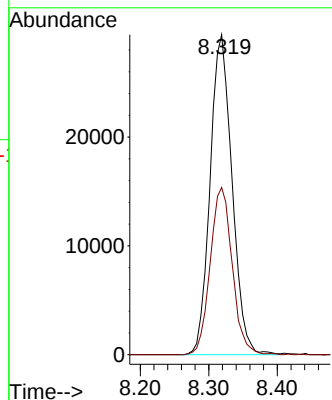
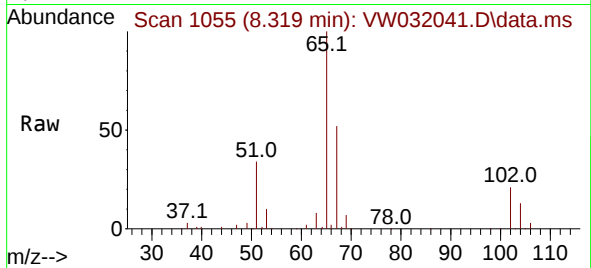




#33
 1,2-Dichloroethane-d4
 Concen: 45.287 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032041.D
 Acq: 07 Aug 2025 13:42

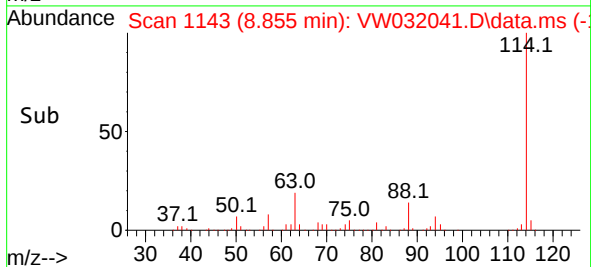
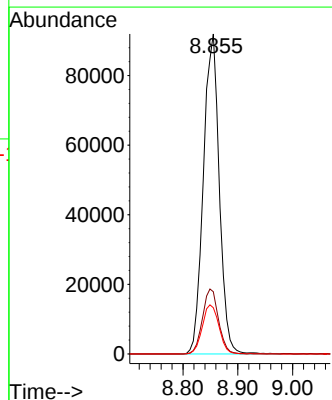
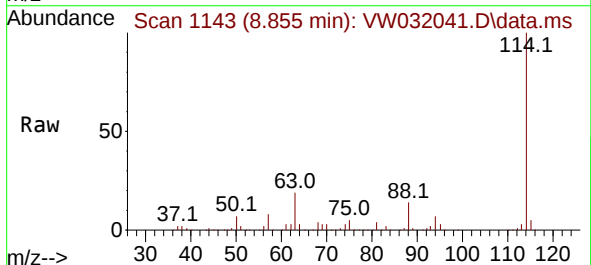
Instrument :
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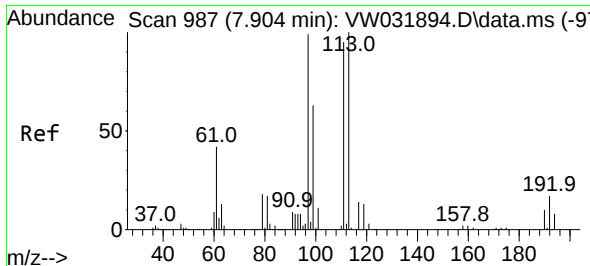
Tgt Ion: 65 Resp: 65480
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032041.D
 Acq: 07 Aug 2025 13:42

Tgt Ion: 114 Resp: 185003
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 44.2
 88 14.4 0.0 35.6

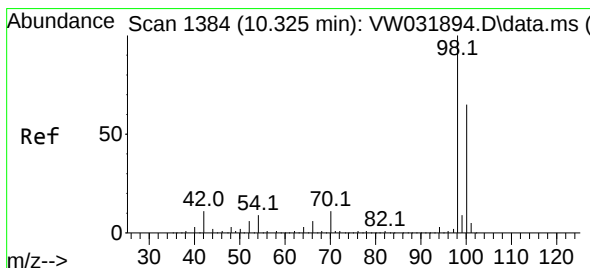
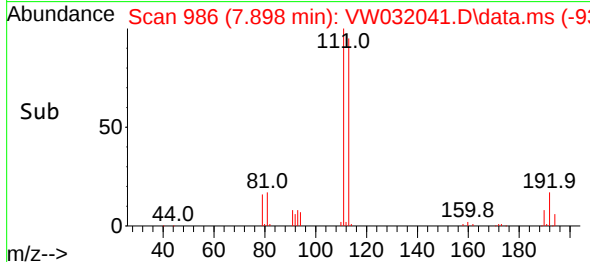
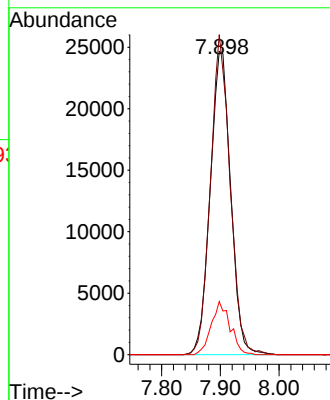
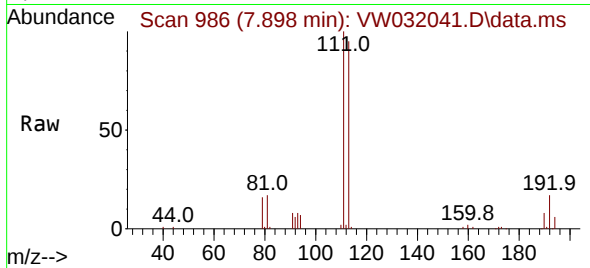




#35
Dibromofluoromethane
Concen: 47.454 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

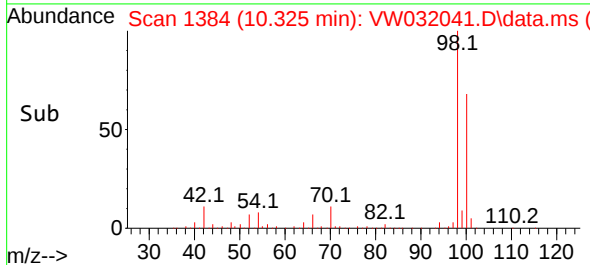
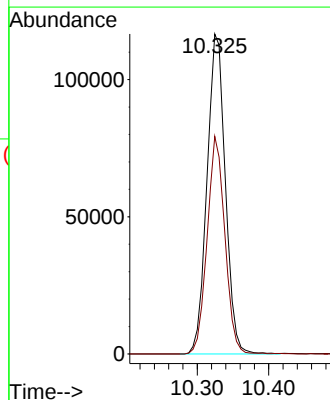
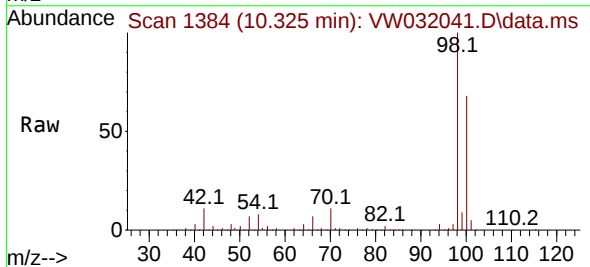
Instrument :
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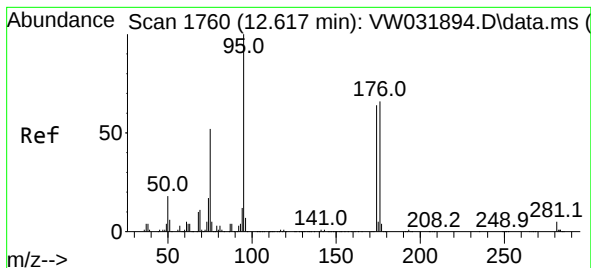
Tgt Ion:113 Resp: 59655
Ion Ratio Lower Upper
113 100
111 101.0 79.9 119.9
192 16.2 12.6 19.0



#50
Toluene-d8
Concen: 43.645 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

Tgt Ion: 98 Resp: 207655
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5

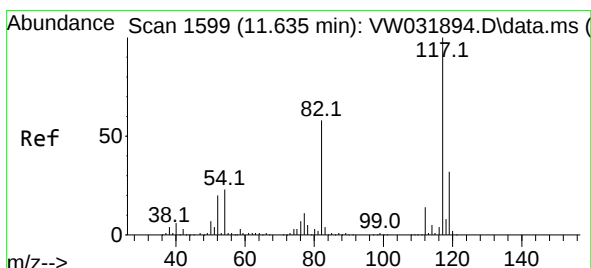
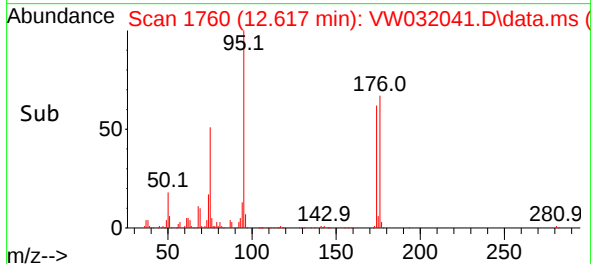
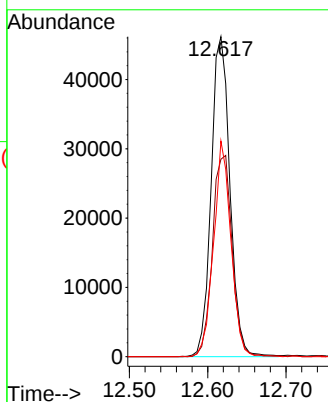
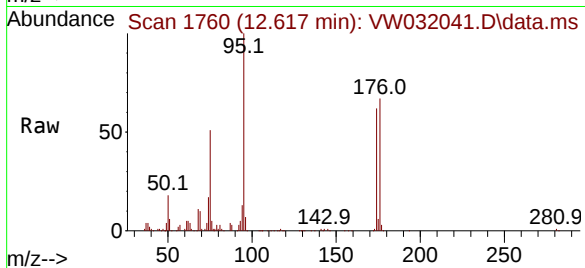




#62
4-Bromofluorobenzene
Concen: 42.068 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

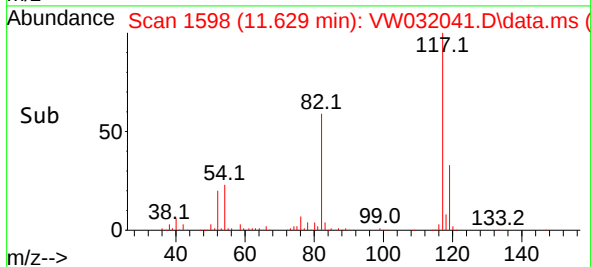
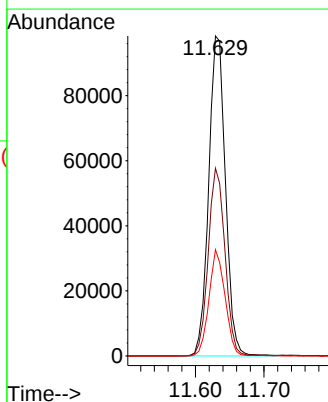
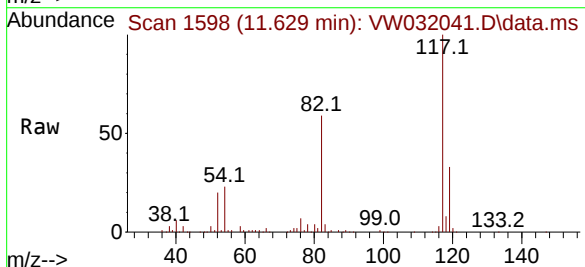
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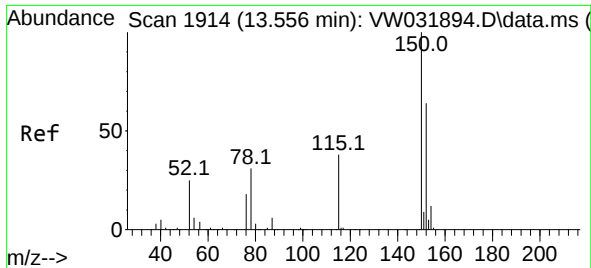
Tgt Ion: 95 Resp: 76855
Ion Ratio Lower Upper
95 100
174 66.4 0.0 129.8
176 62.5 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032041.D
Acq: 07 Aug 2025 13:42

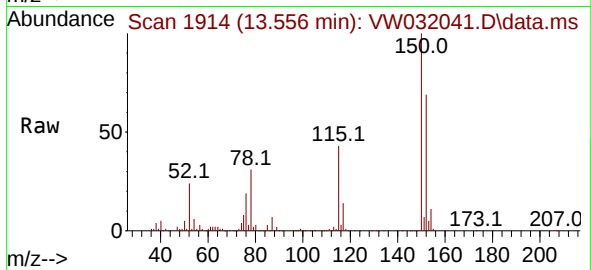
Tgt Ion: 117 Resp: 167067
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 33.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032041.D
 Acq: 07 Aug 2025 13:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-231



Tgt Ion:152 Resp: 77258
 Ion Ratio Lower Upper
 152 100
 115 65.3 33.4 100.1
 150 153.8 0.0 352.2

