

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031960.D
 Acq On : 30 Jul 2025 14:12
 Operator : SY/MD
 Sample : Q2728-01
 Misc : 4.79g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

Quant Time: Jul 31 02:31:54 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)

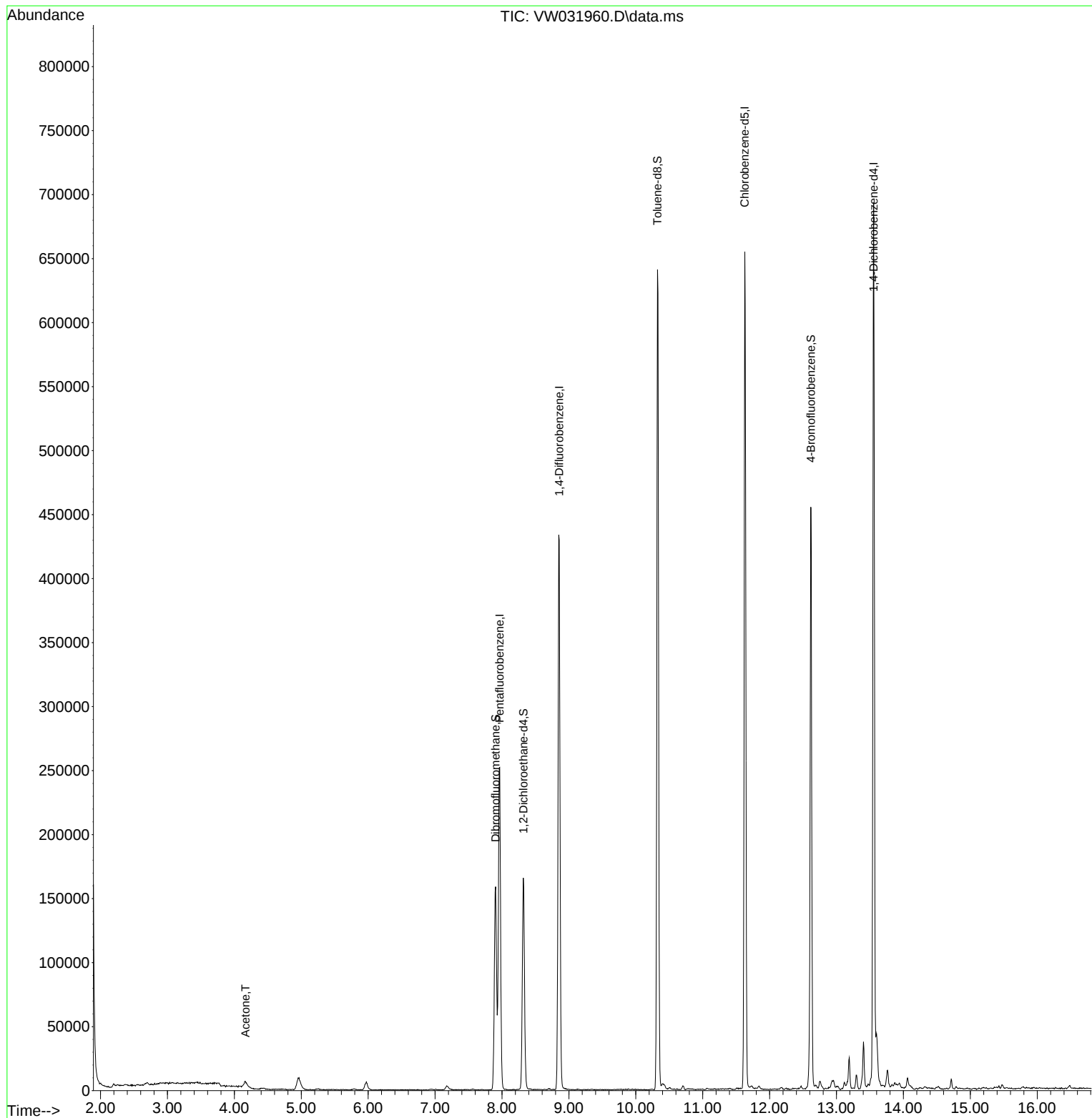
Internal Standards						
1) Pentafluorobenzene	7.965	168	168763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	369095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136391	53.425	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	106.840%	
35) Dibromofluoromethane	7.904	113	117711	46.933	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	93.860%	
50) Toluene-d8	10.325	98	434838	45.810	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	91.620%	
62) 4-Bromofluorobenzene	12.617	95	161845	44.404	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	88.800%	
Target Compounds						
16) Acetone	4.167	43	6308	10.413	ug/l	Qvalue # 86

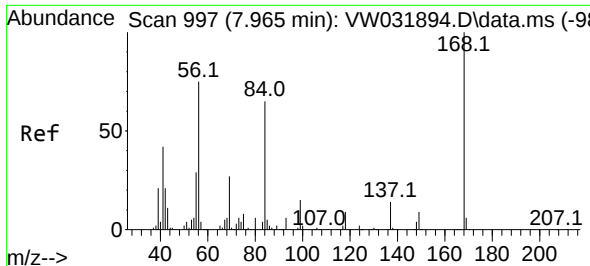
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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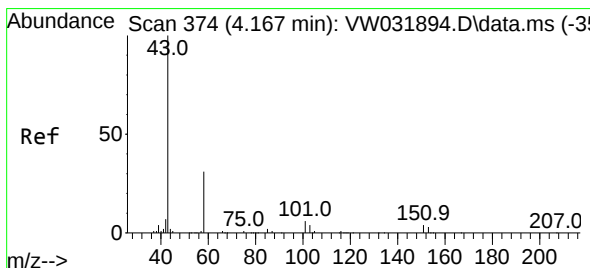
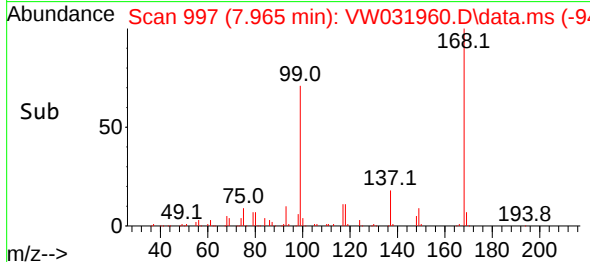
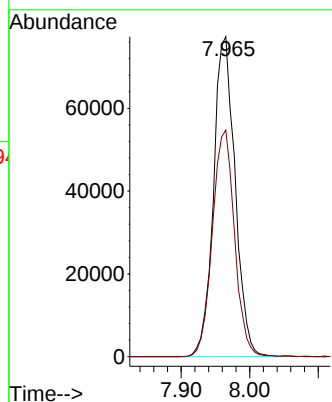
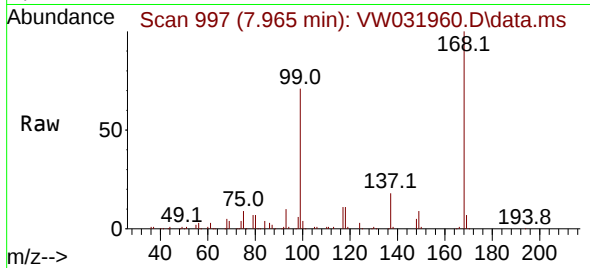




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

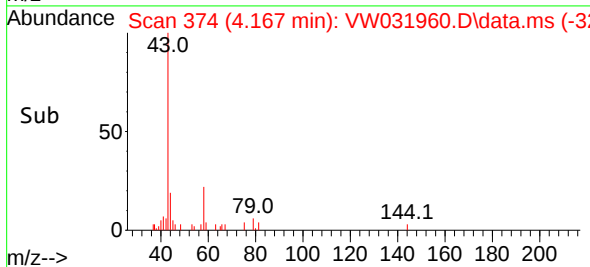
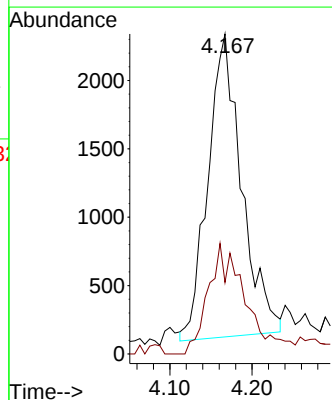
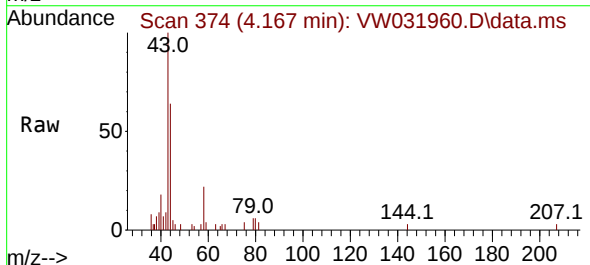
Instrument :
MSVOA_W
ClientSampleId :
7211931-VNJ240

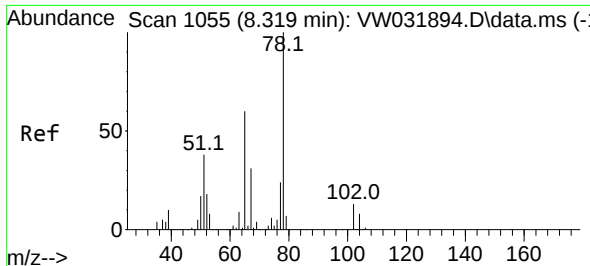
Tgt Ion:168 Resp: 168763
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.2



#16
Acetone
Concen: 10.413 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

Tgt Ion: 43 Resp: 6308
Ion Ratio Lower Upper
43 100
58 24.0 25.5 38.3#

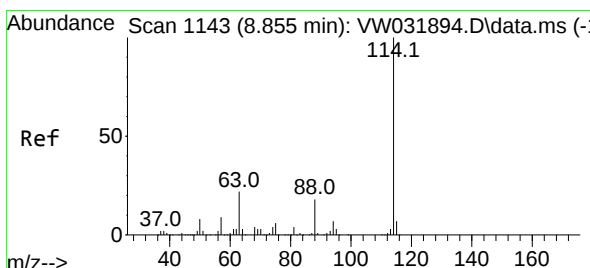
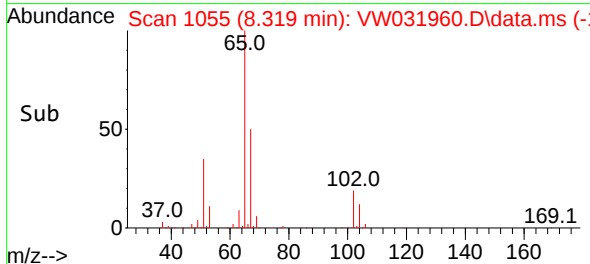
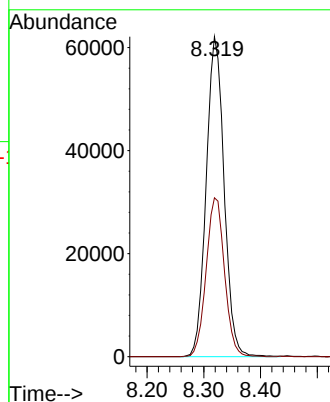
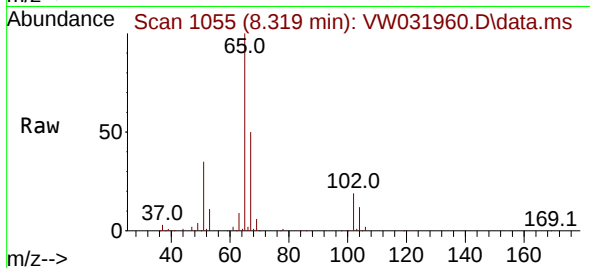




#33
 1,2-Dichloroethane-d4
 Concen: 53.425 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

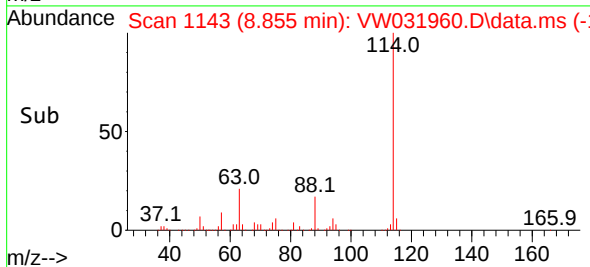
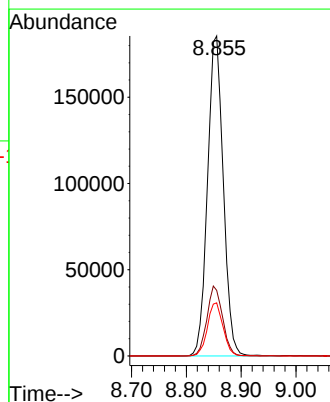
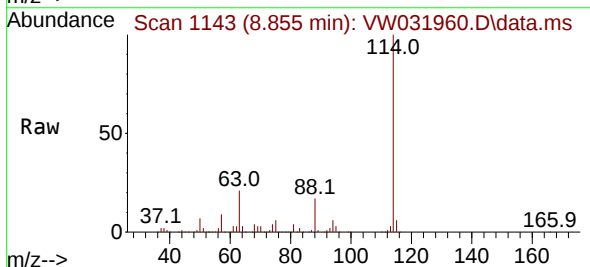
Instrument :
 MSVOA_W
 ClientSampleId :
 7211931-VNJ240

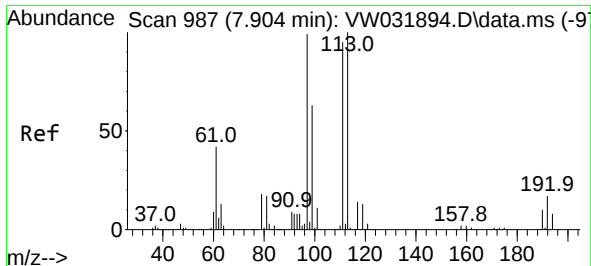
Tgt Ion: 65 Resp: 136391
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

Tgt Ion: 114 Resp: 369095
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.2
 88 16.6 0.0 35.6

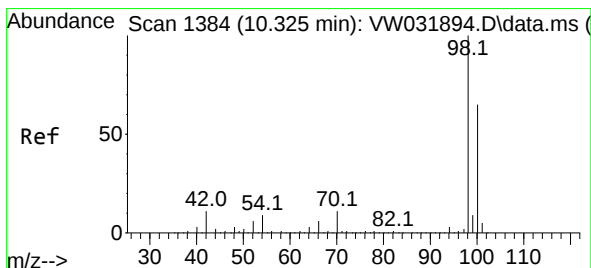
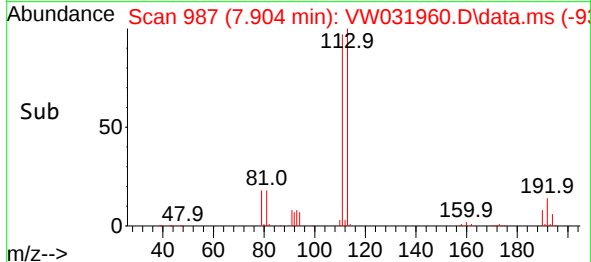
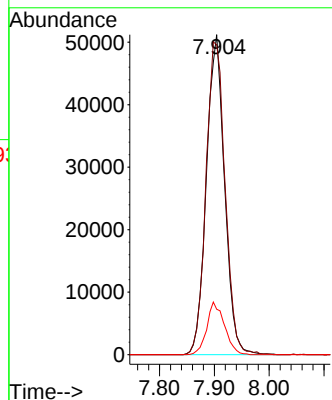
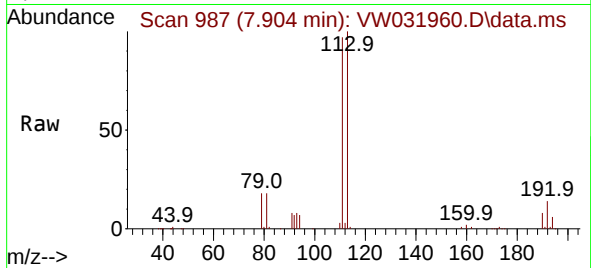




#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

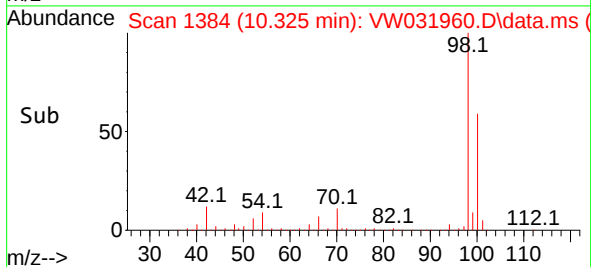
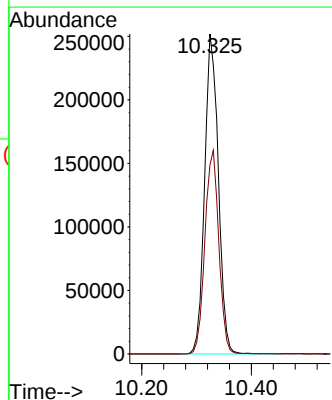
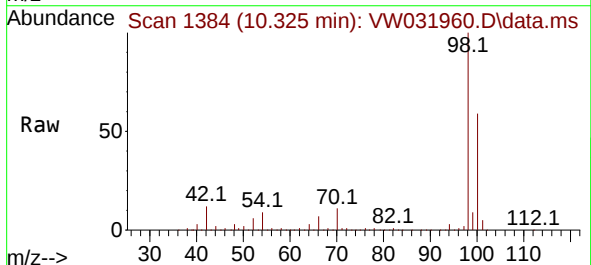
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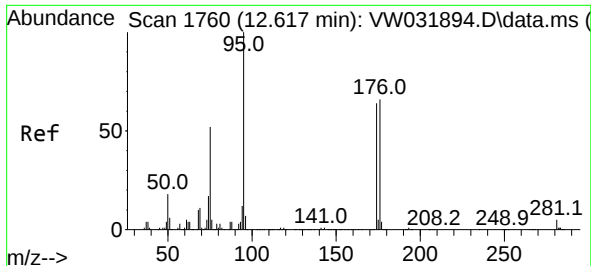
Tgt Ion:113 Resp: 117711
 Ion Ratio Lower Upper
 113 100
 111 103.0 79.9 119.9
 192 16.0 12.6 19.0



#50
 Toluene-d8
 Concen: 45.810 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW031960.D
 Acq: 30 Jul 2025 14:12

Tgt Ion: 98 Resp: 434838
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

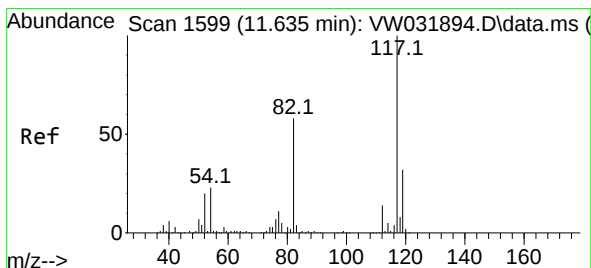
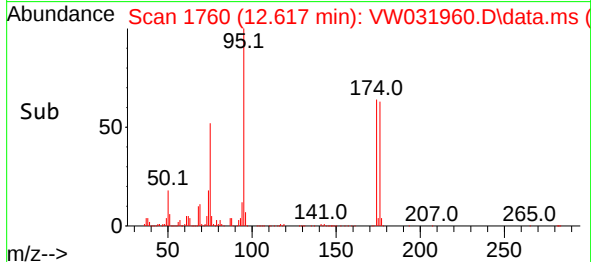
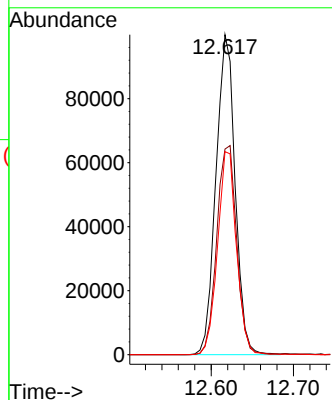
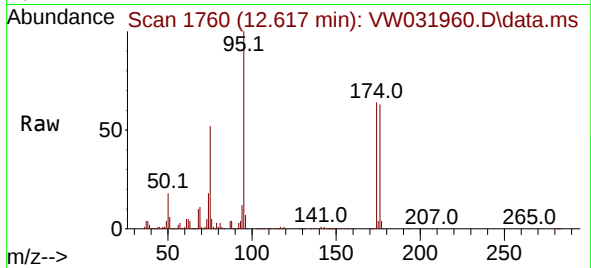




#62
4-Bromofluorobenzene
Concen: 44.404 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

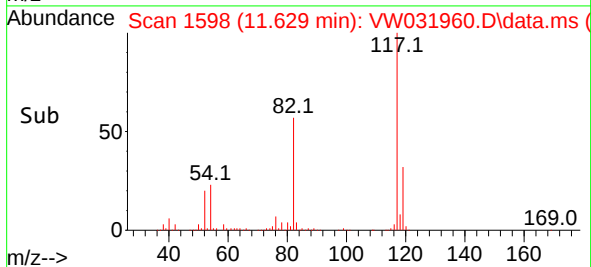
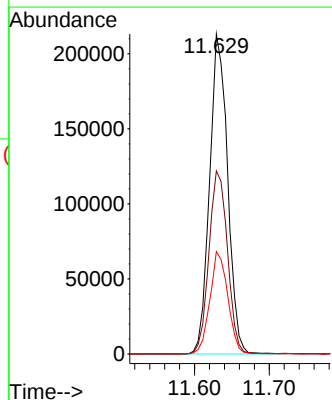
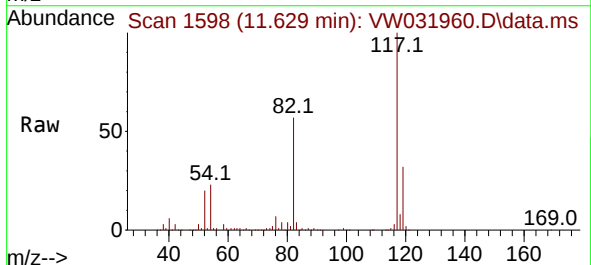
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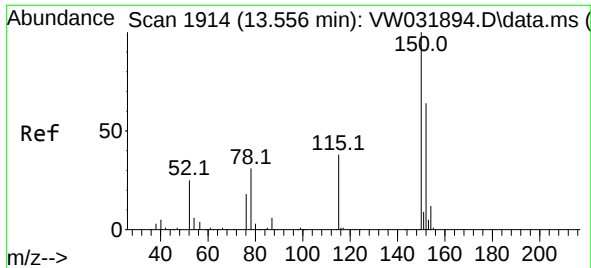
Tgt Ion: 95 Resp: 161845
Ion Ratio Lower Upper
95 100
174 68.1 0.0 129.8
176 62.6 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031960.D
Acq: 30 Jul 2025 14:12

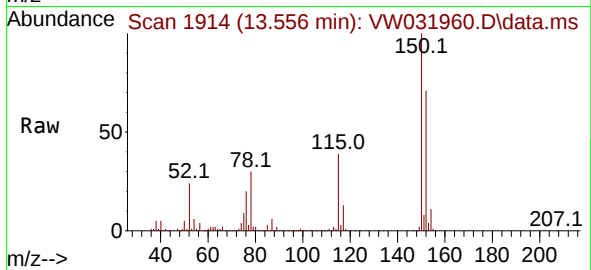
Tgt Ion: 117 Resp: 357569
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW031960.D
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Instrument :
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 ClientSampleId :
 7211931-VNJ240



Tgt Ion:	152	Resp:	171053
Ion	Ratio	Lower	Upper
152	100		
115	64.3	33.4	100.1
150	160.8	0.0	352.2

