

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
 Data File : VN088006.D
 Acq On : 01 Oct 2025 11:15
 Operator : JC\MD
 Sample : Q3252-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-25-0161

Quant Time: Oct 01 11:33:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

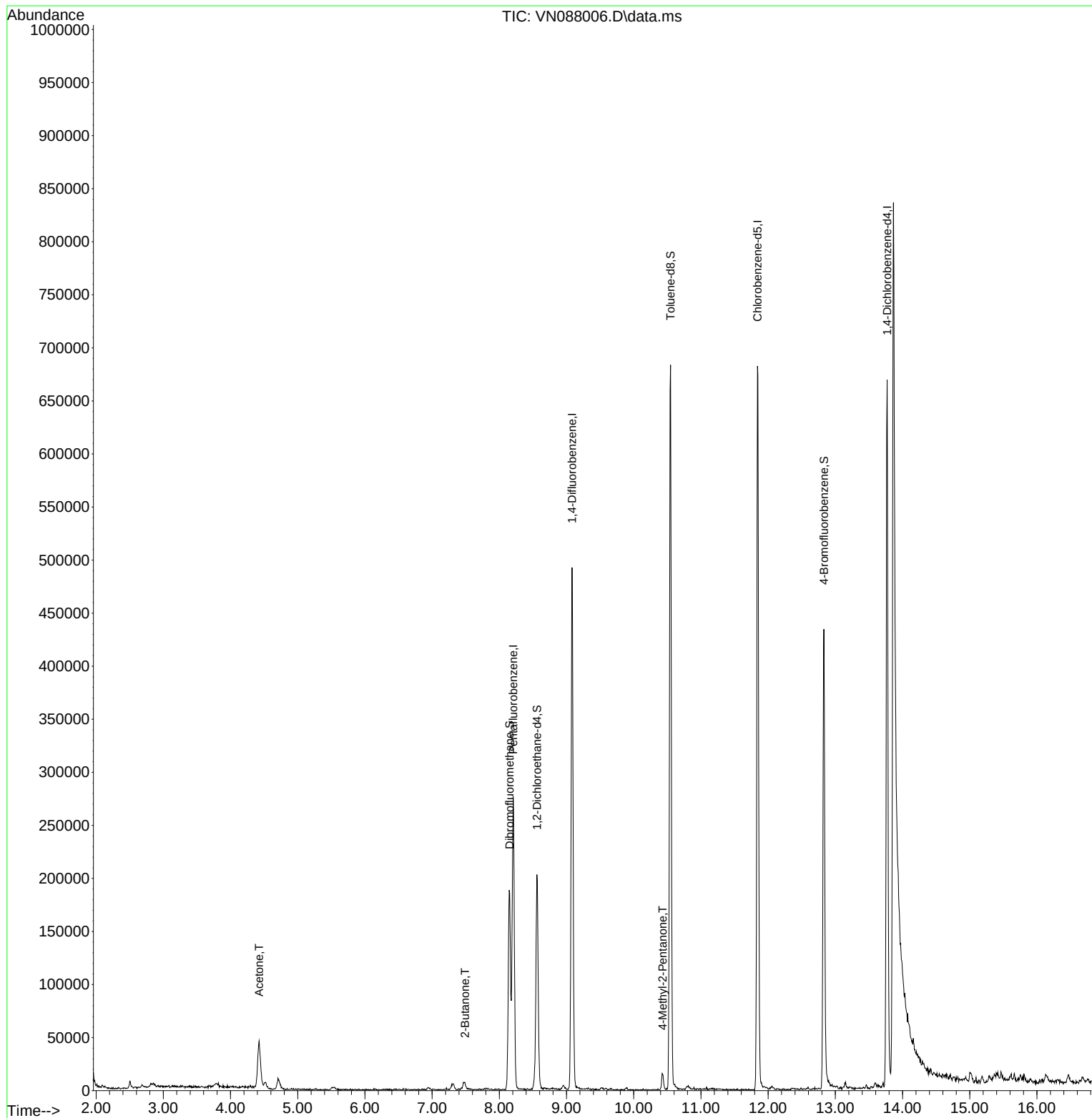
Internal Standards						
1) Pentafluorobenzene	8.206	168	191495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	412119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	394574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	182649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	160886	49.922	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	8.153	113	134009	44.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.580%		
50) Toluene-d8	10.547	98	463713	44.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.140%		
62) 4-Bromofluorobenzene	12.829	95	152367	40.510	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	81.020%		
Target Compounds						
16) Acetone	4.424	43	86098	64.932	ug/l	94
25) 2-Butanone	7.489	43	12867	6.349	ug/l #	87
51) 4-Methyl-2-Pentanone	10.430	43	12380	2.668	ug/l	92

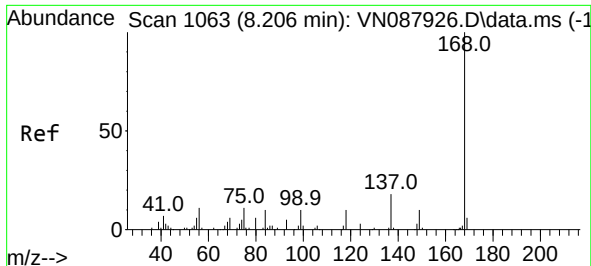
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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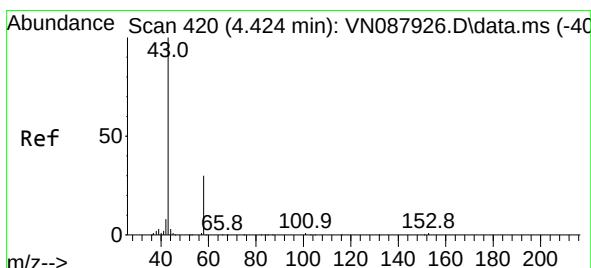
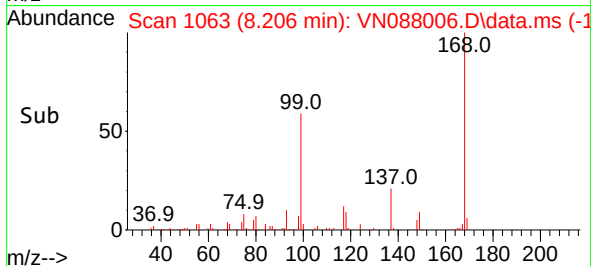
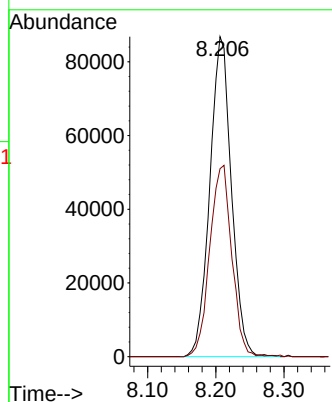
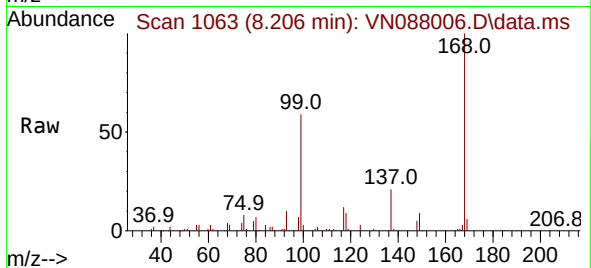




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

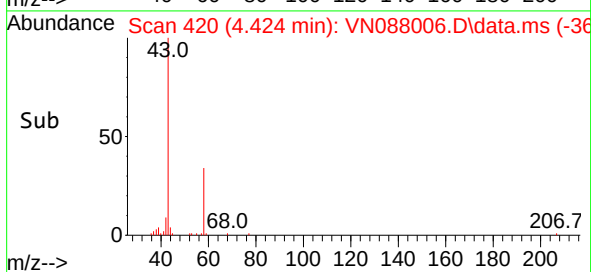
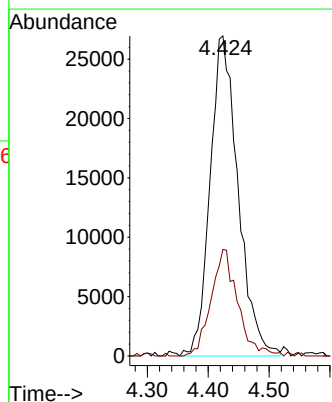
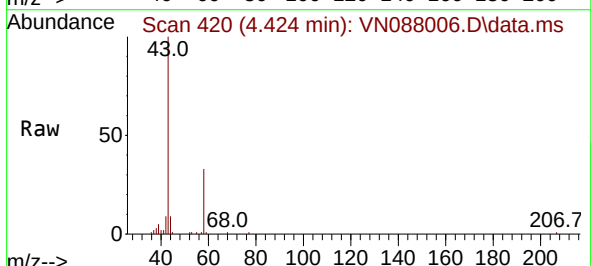
Instrument :
MSVOA_N
ClientSampleId :
AUD-25-0161

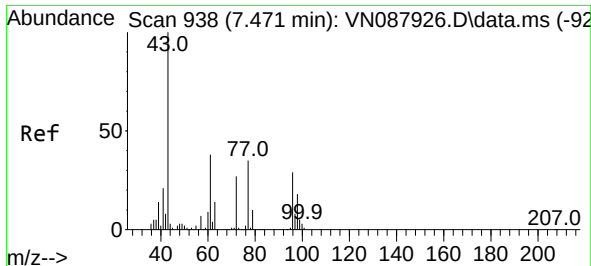
Tgt Ion:168 Resp: 191495
Ion Ratio Lower Upper
168 100
99 58.8 52.2 78.2



#16
Acetone
Concen: 64.932 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

Tgt Ion: 43 Resp: 86098
Ion Ratio Lower Upper
43 100
58 33.3 24.1 36.1

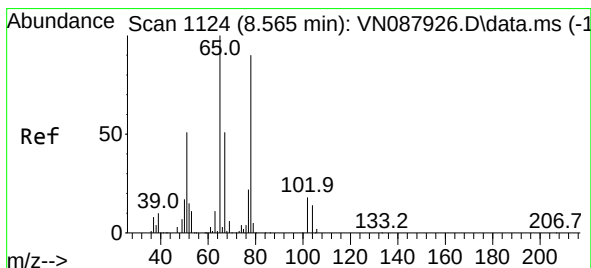
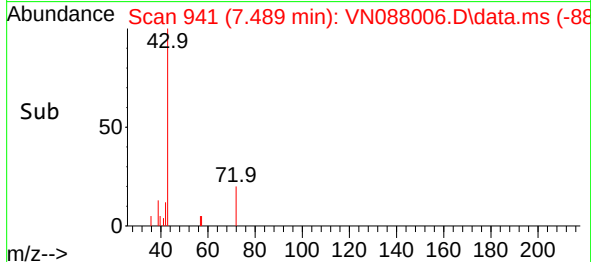
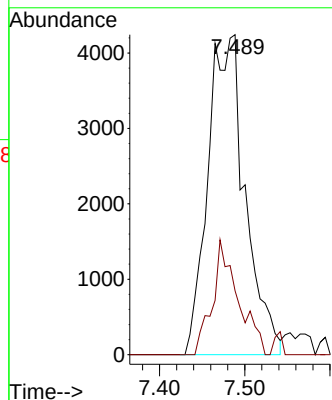
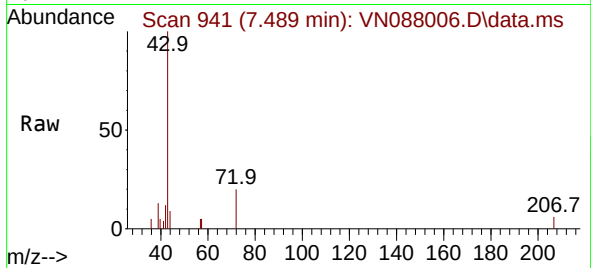




#25
2-Butanone
Concen: 6.349 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

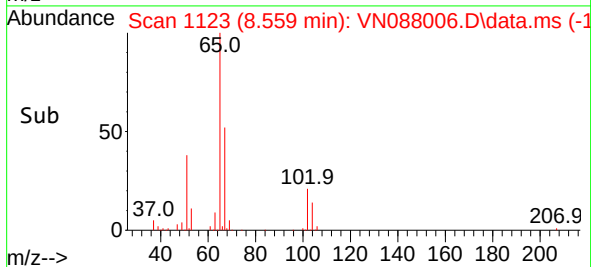
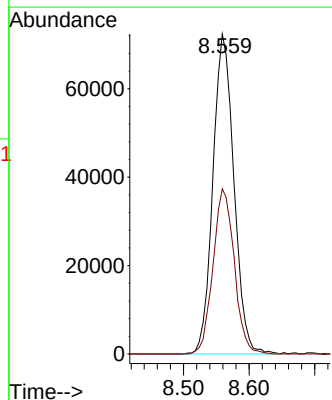
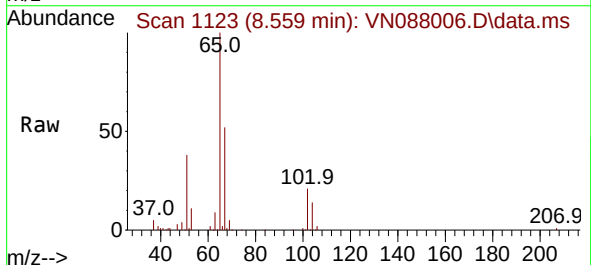
Instrument :
MSVOA_N
ClientSampleId :
AUD-25-0161

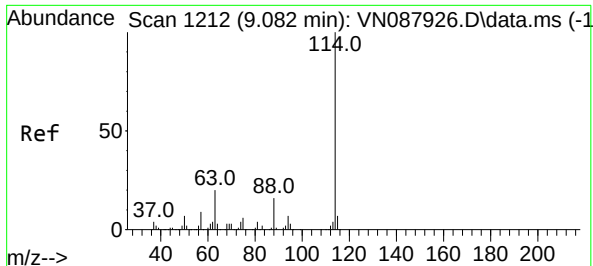
Tgt Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
72 20.0 21.5 32.3#



#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

Tgt Ion: 65 Resp: 160886
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

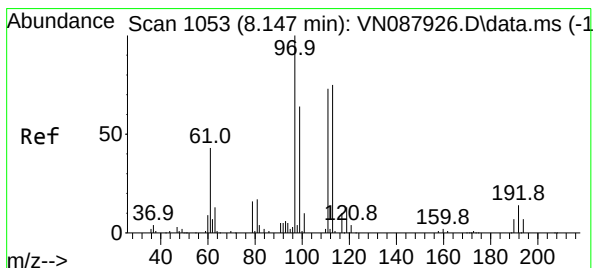
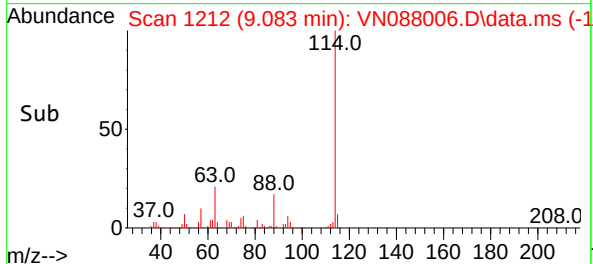
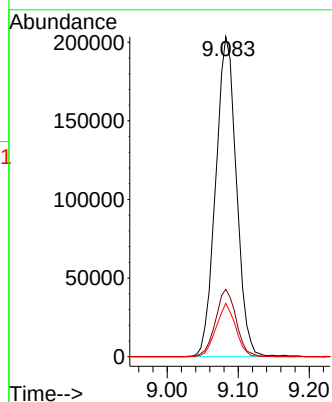
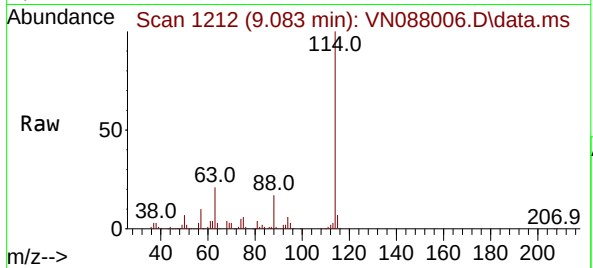




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

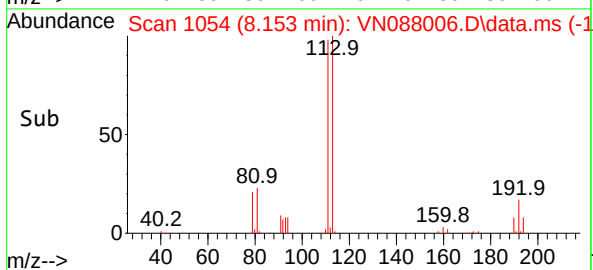
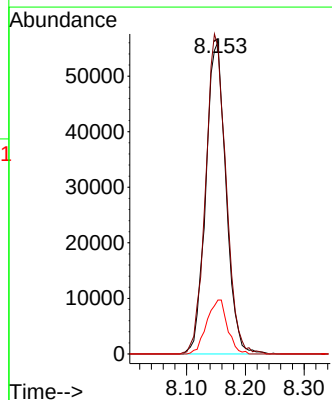
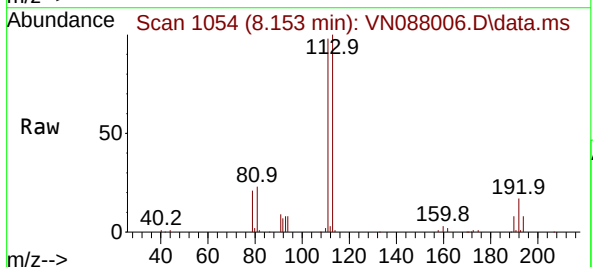
Instrument :
MSVOA_N
ClientSampleId :
AUD-25-0161

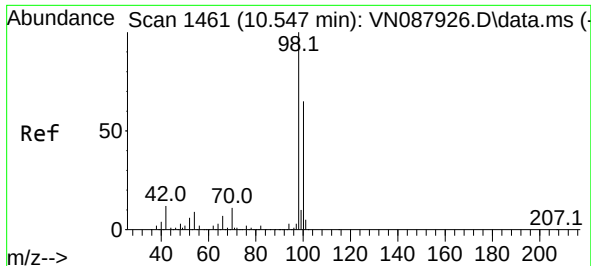
Tgt Ion:114 Resp: 412119
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 16.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.786 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

Tgt Ion:113 Resp: 134009
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 17.7 14.2 21.2

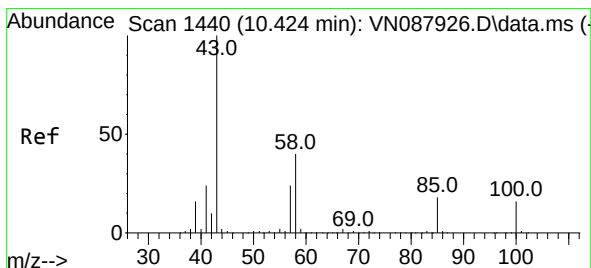
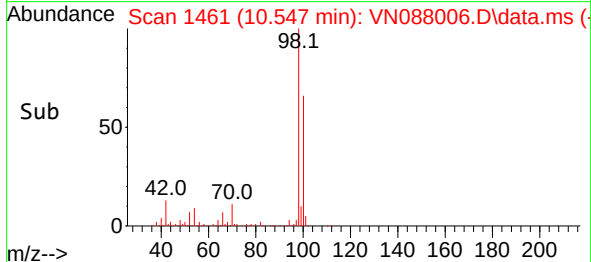
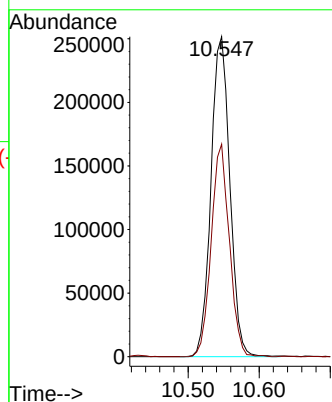
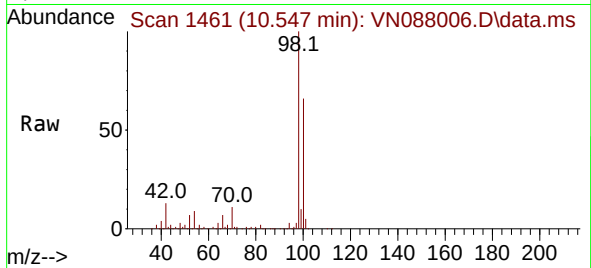




#50
Toluene-d8
Concen: 44.069 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

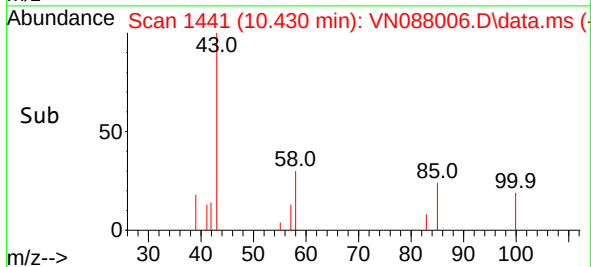
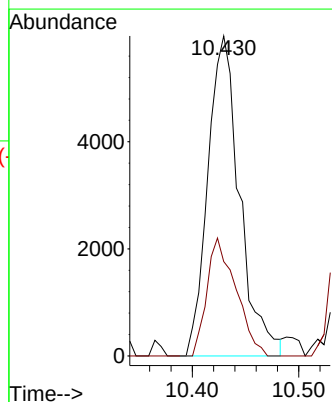
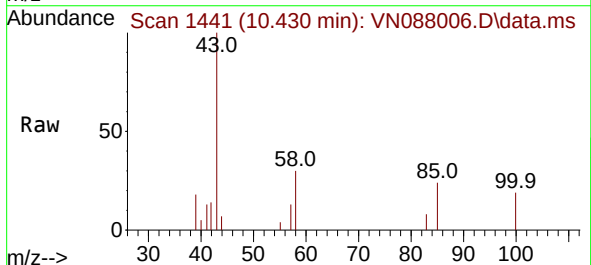
Instrument :
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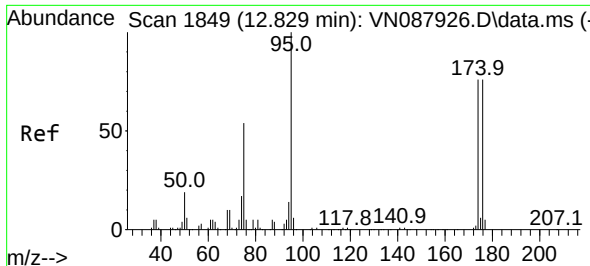
Tgt Ion: 98 Resp: 463713
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.668 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

Tgt Ion: 43 Resp: 12380
Ion Ratio Lower Upper
43 100
58 33.7 31.0 46.6

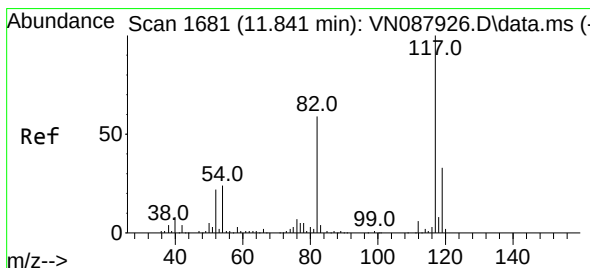
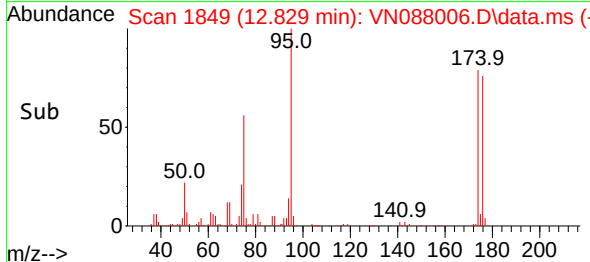
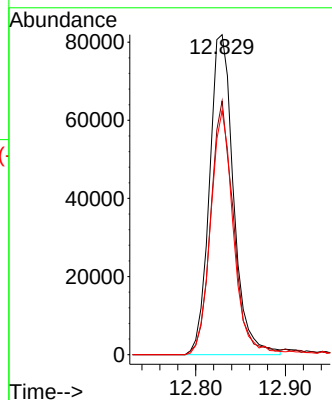
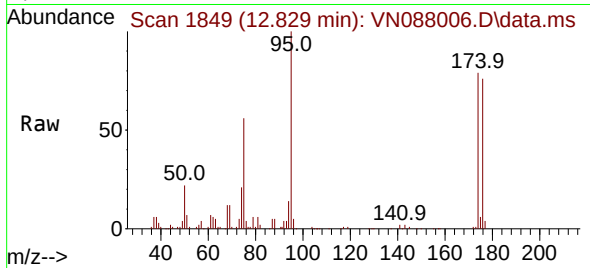




#62
4-Bromofluorobenzene
Concen: 40.510 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

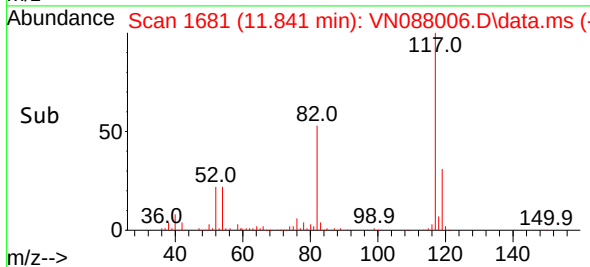
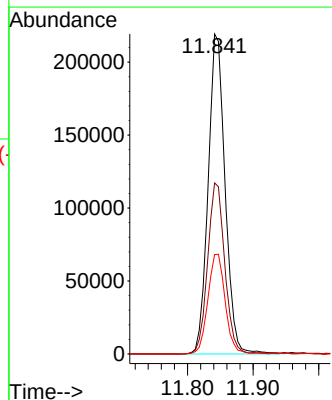
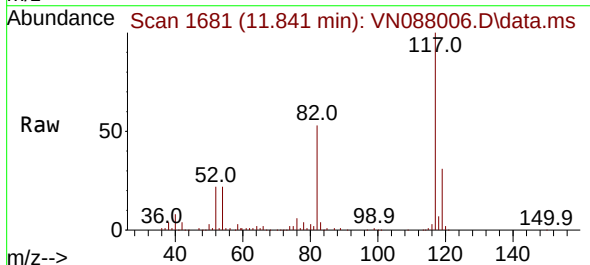
Instrument :
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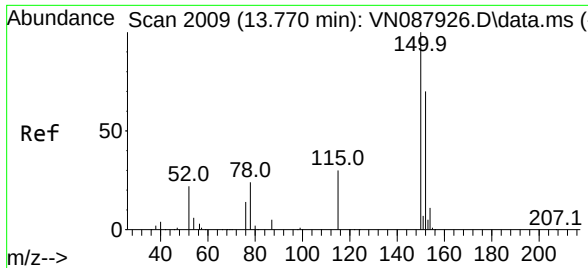
Tgt Ion: 95 Resp: 152367
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.2
176 73.6 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088006.D
Acq: 01 Oct 2025 11:15

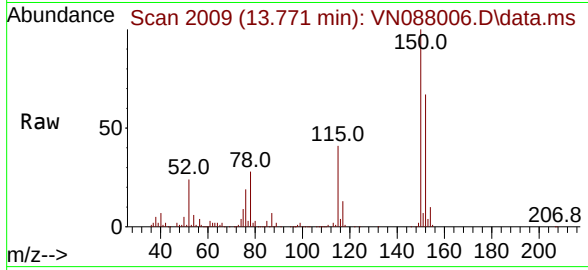
Tgt Ion: 117 Resp: 394574
Ion Ratio Lower Upper
117 100
82 53.5 47.0 70.4
119 31.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088006.D
 Acq: 01 Oct 2025 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-25-0161



Tgt Ion:152 Resp: 182649
 Ion Ratio Lower Upper
 152 100
 115 64.0 29.9 89.7
 150 159.7 0.0 335.0

