

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086015.D
 Acq On : 19 Mar 2025 17:39
 Operator : JC\MD
 Sample : Q1592-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: Mar 20 01:35:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

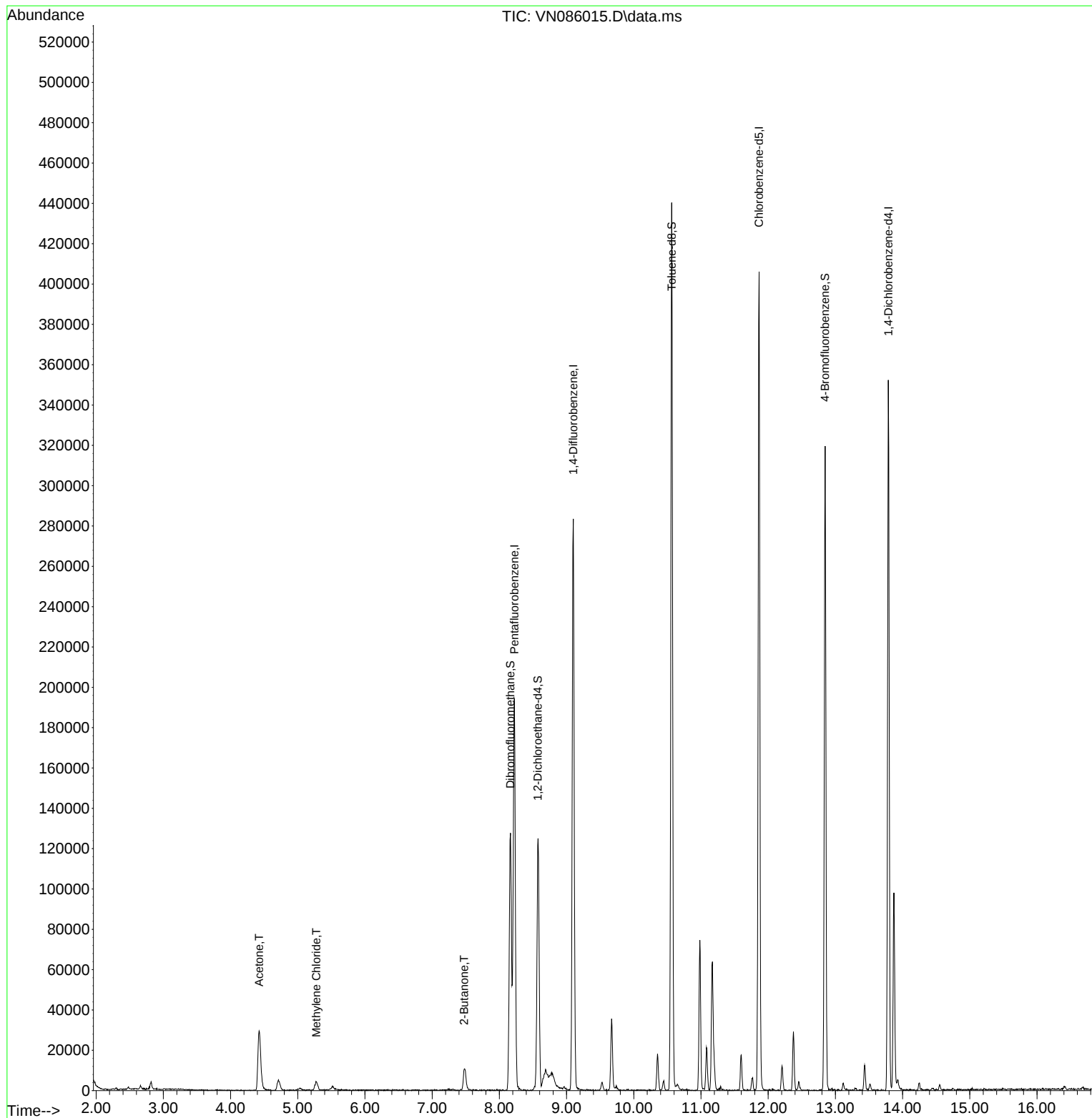
Internal Standards						
1) Pentafluorobenzene	8.224	168	138102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106762	56.455	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.920%	
35) Dibromofluoromethane	8.165	113	89145	51.650	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.300%	
50) Toluene-d8	10.565	98	305760	48.813	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.620%	
62) 4-Bromofluorobenzene	12.847	95	109480	49.008	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	55727	96.456	ug/l	98
20) Methylene Chloride	5.277	84	3347	1.980	ug/l #	82
25) 2-Butanone	7.477	43	18472	22.158	ug/l	92

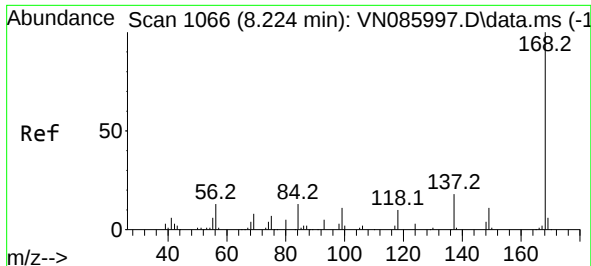
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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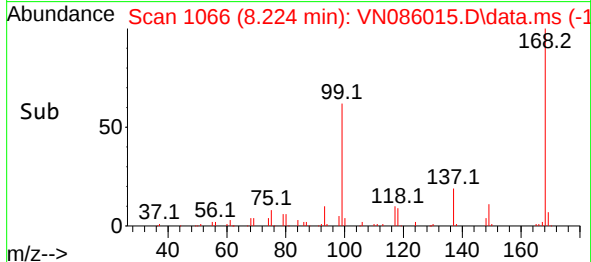
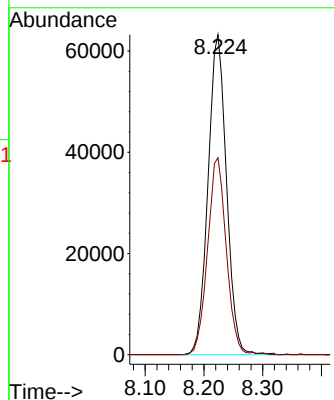
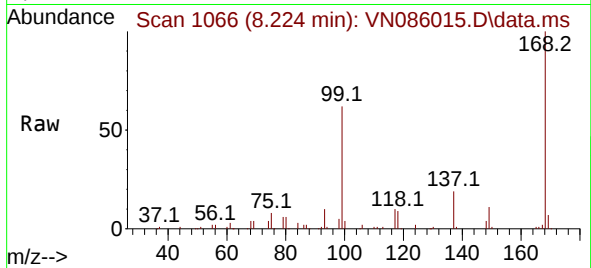




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

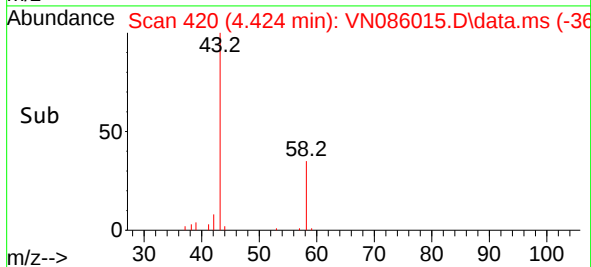
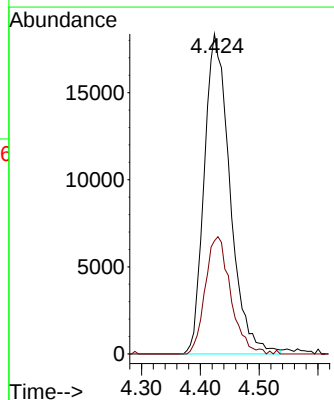
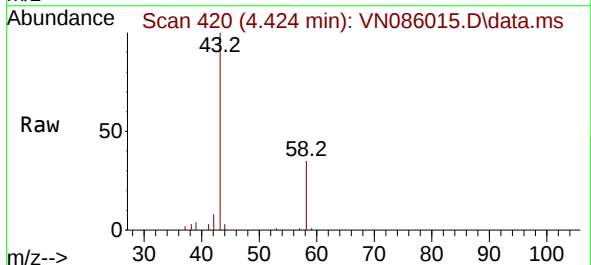
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS-COMP

Tgt Ion:168 Resp: 138102
Ion Ratio Lower Upper
168 100
99 61.6 49.4 74.2



#16
Acetone
Concen: 96.456 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

Tgt Ion: 43 Resp: 55727
Ion Ratio Lower Upper
43 100
58 35.4 29.4 44.2

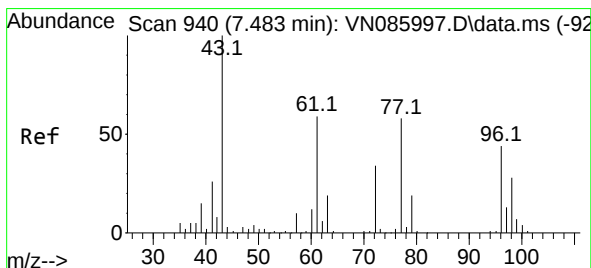
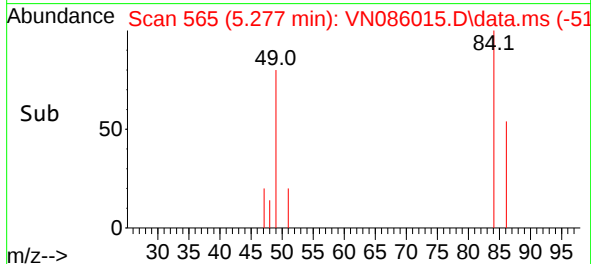
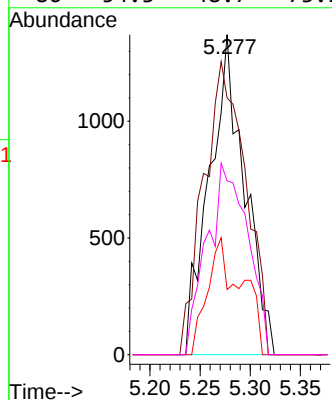
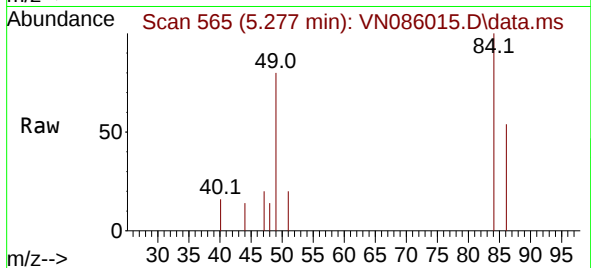




#20
Methylene Chloride
Concen: 1.980 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

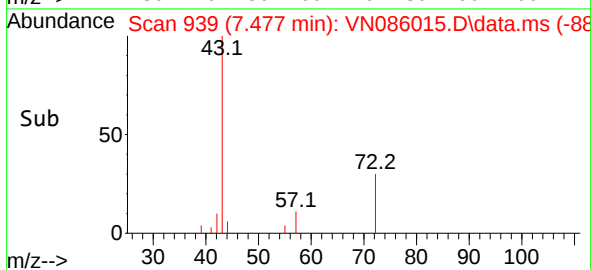
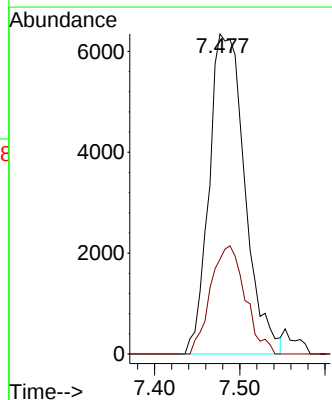
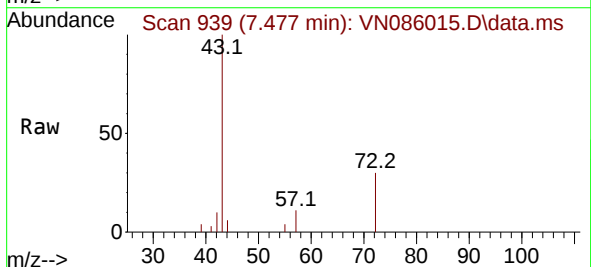
Instrument :
MSVOA_N
ClientSampleId :
OILY-DEBRIS-COMP

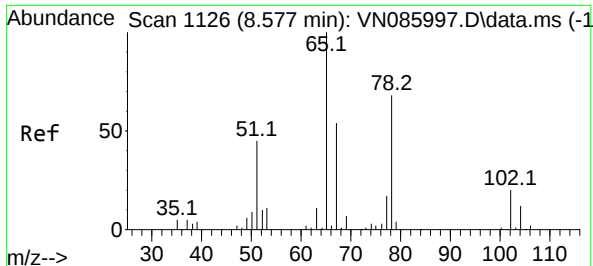
Tgt Ion: 84	Resp: 3347
Ion Ratio	Lower Upper
84 100	
49 80.2	83.3 124.9#
51 20.4	24.8 37.2#
86 54.3	48.7 73.1



#25
2-Butanone
Concen: 22.158 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

Tgt Ion: 43	Resp: 18472		
Ion Ratio	Lower	Upper	
43	100		
72	29.7	27.4	41.0





#33

1,2-Dichloroethane-d4

Concen: 56.455 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086015.D

Acq: 19 Mar 2025 17:39

Instrument :

MSVOA_N

ClientSampleId :

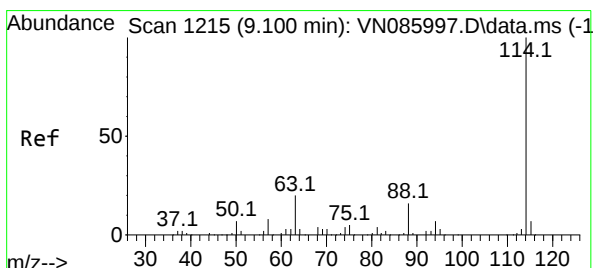
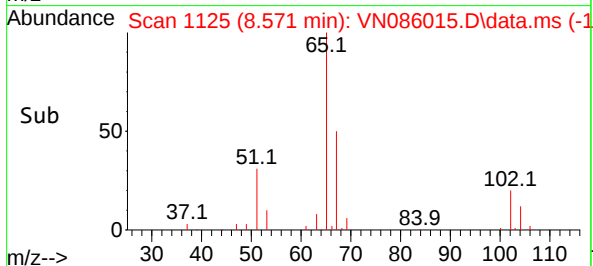
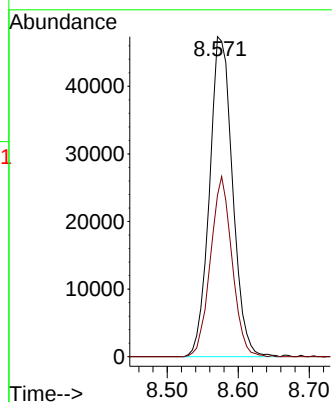
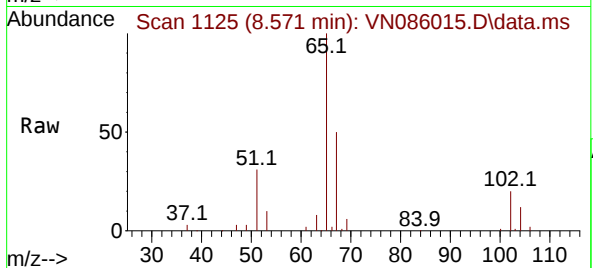
OILY-DEBRIS-COMP

Tgt Ion: 65 Resp: 106762

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086015.D

Acq: 19 Mar 2025 17:39

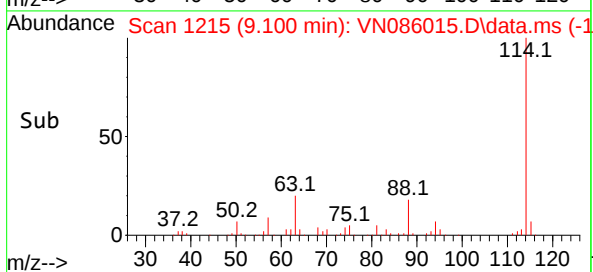
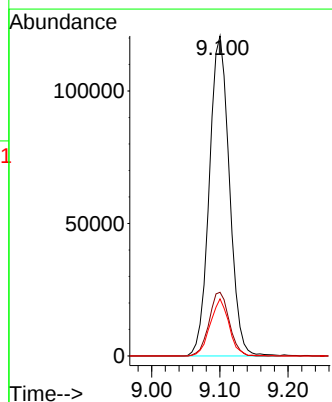
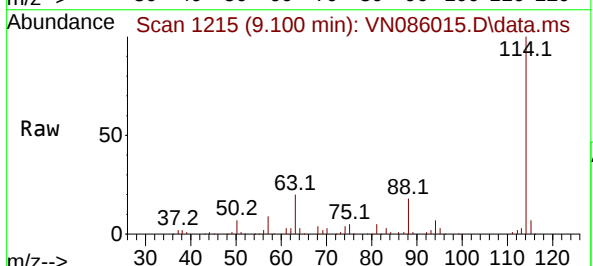
Tgt Ion: 114 Resp: 247272

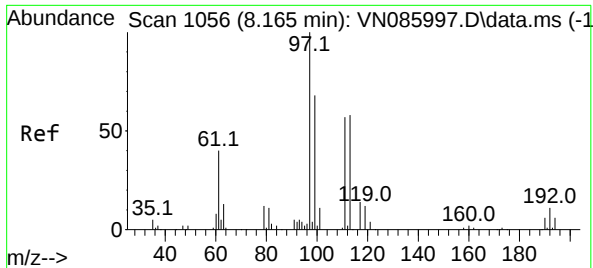
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 17.9 0.0 32.6

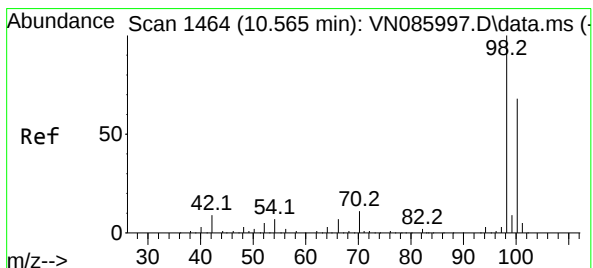
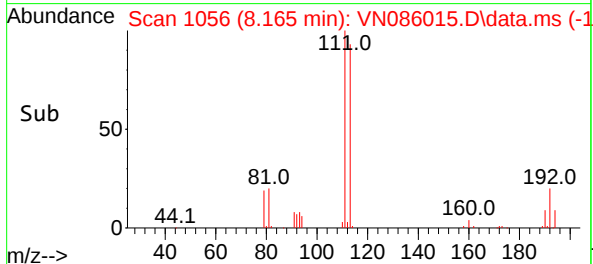
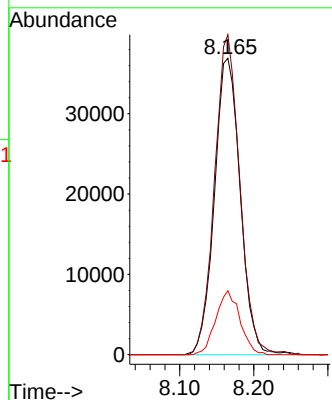
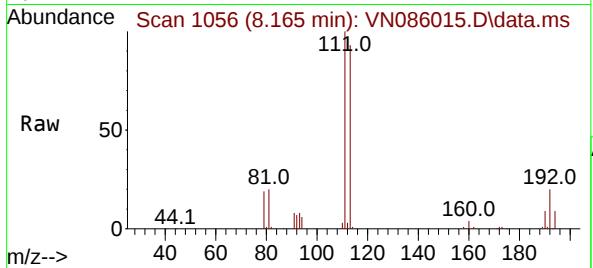




#35
Dibromofluoromethane
Concen: 51.650 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

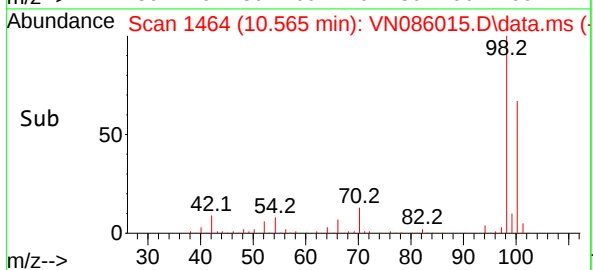
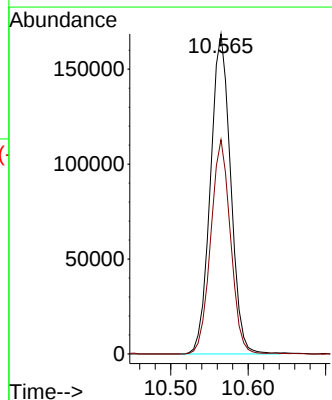
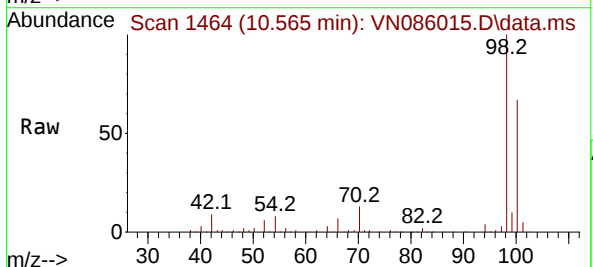
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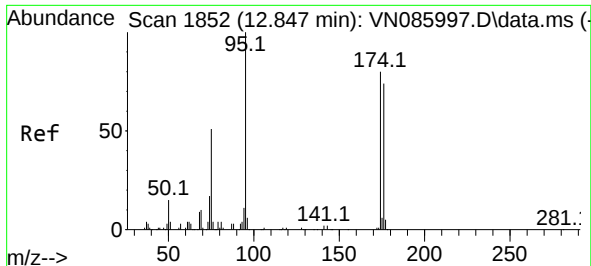
Tgt Ion:	113	Resp:	89145
Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.8	122.8
192	20.2	15.9	23.9



#50
Toluene-d8
Concen: 48.813 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

Tgt Ion:	98	Resp:	305760
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7

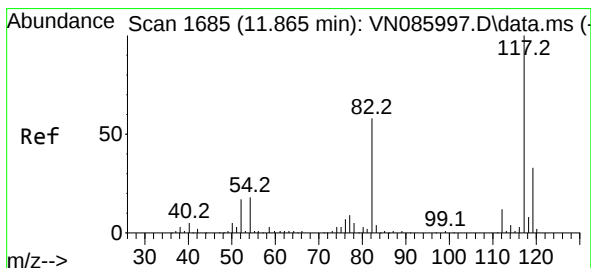
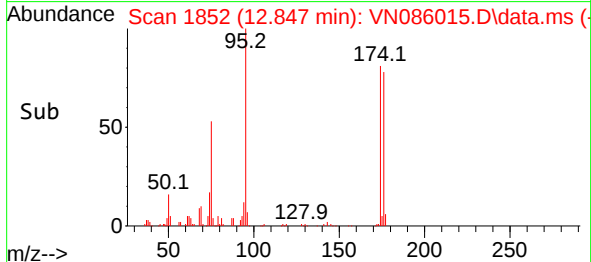
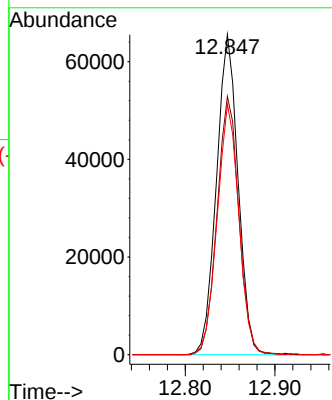
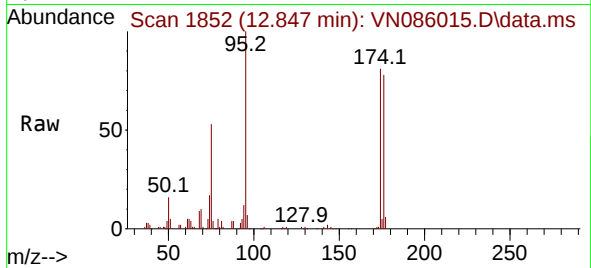




#62
4-Bromofluorobenzene
Concen: 49.008 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

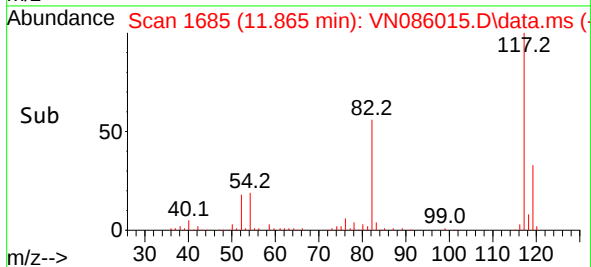
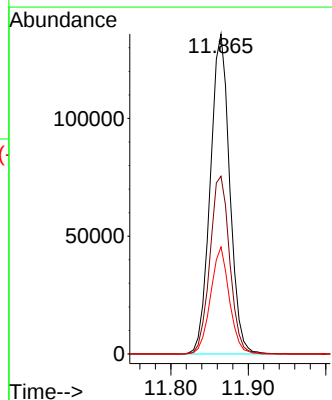
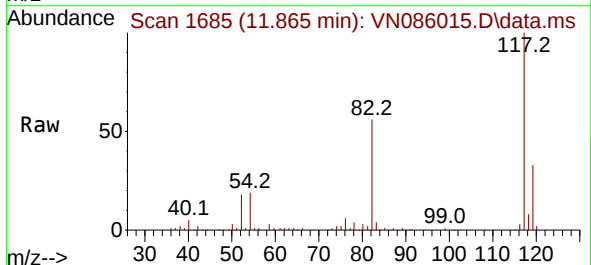
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OILY-DEBRIS-COMP

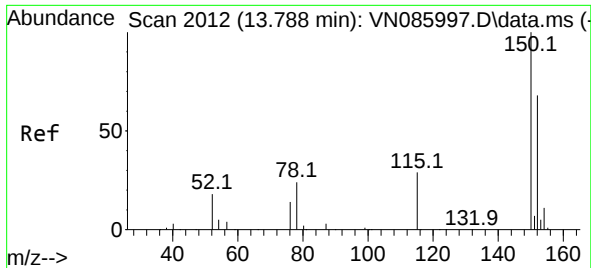
Tgt Ion: 95 Resp: 109480
Ion Ratio Lower Upper
95 100
174 81.4 0.0 156.8
176 78.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086015.D
Acq: 19 Mar 2025 17:39

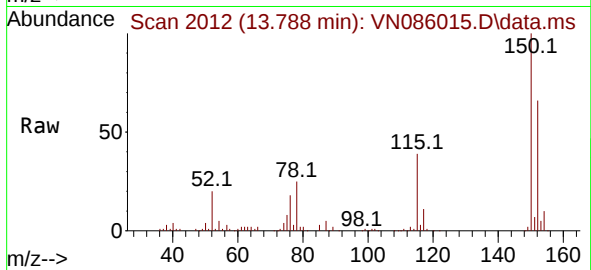
Tgt Ion: 117 Resp: 236701
Ion Ratio Lower Upper
117 100
82 55.5 46.7 70.1
119 33.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086015.D
 Acq: 19 Mar 2025 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS-COMP



Tgt Ion:152 Resp: 100872
 Ion Ratio Lower Upper
 152 100
 115 59.6 31.1 93.2
 150 152.7 0.0 359.6

