

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082060.D
 Acq On : 09 May 2024 18:58
 Operator : JC\MD
 Sample : P2415-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1011UMR-SS005-0212-01

Quant Time: May 10 03:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

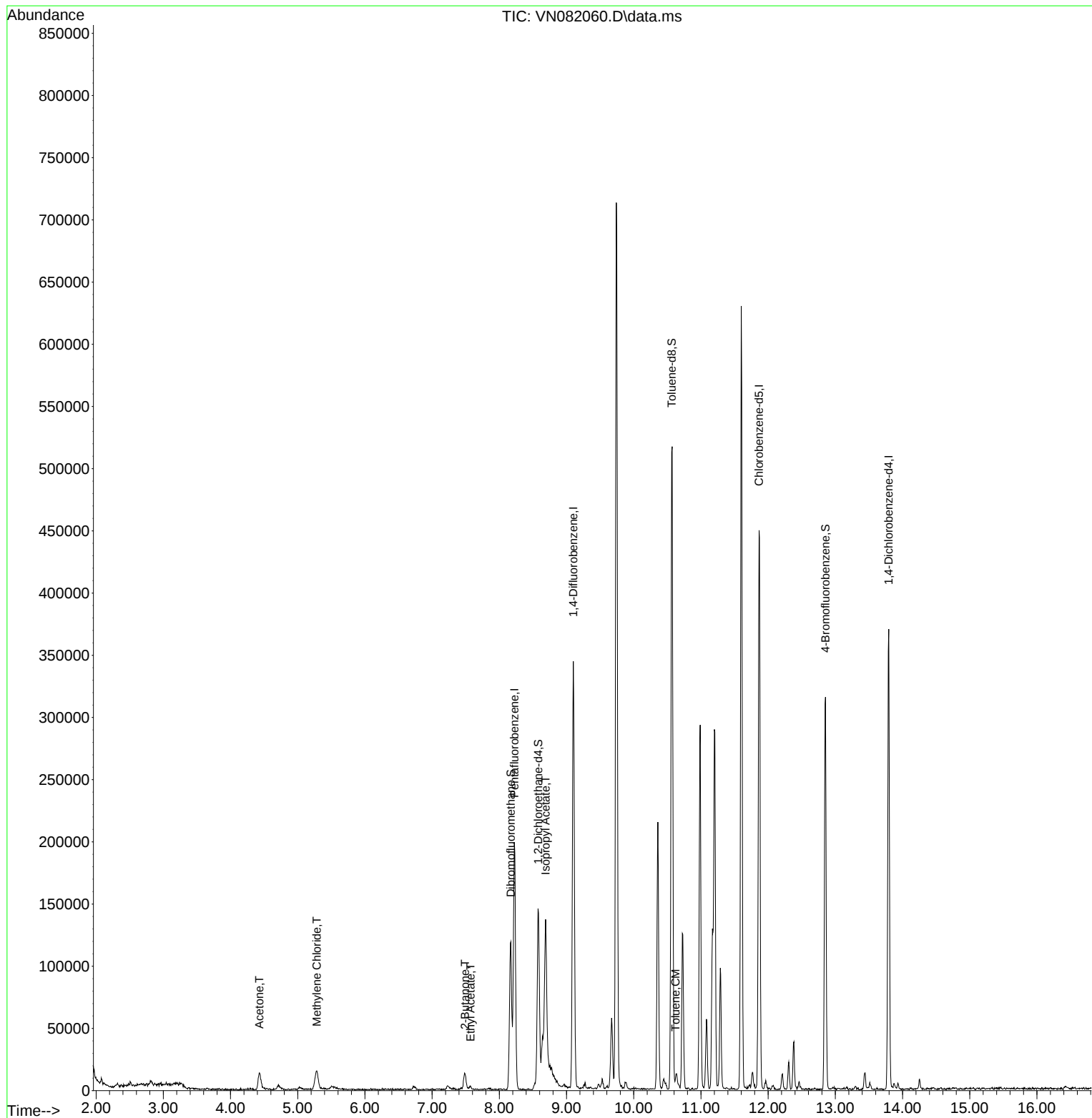
Internal Standards						
1) Pentafluorobenzene	8.224	168	126740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111838	52.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 104.560%		
35) Dibromofluoromethane	8.171	113	82855	50.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.440%		
50) Toluene-d8	10.565	98	348783	54.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 108.720%		
62) 4-Bromofluorobenzene	12.853	95	109655	43.235	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 86.480%		
Target Compounds						Qvalue
16) Acetone	4.430	43	24943	34.726	ug/l	99
20) Methylene Chloride	5.283	84	11634	6.347	ug/l	94
25) 2-Butanone	7.489	43	21246	17.500	ug/l #	83
37) Ethyl Acetate	7.571	43	4234	1.473	ug/l #	86
43) Isopropyl Acetate	8.689	43	195969	36.270	ug/l #	73
52) Toluene	10.624	92	4845	1.014	ug/l	92

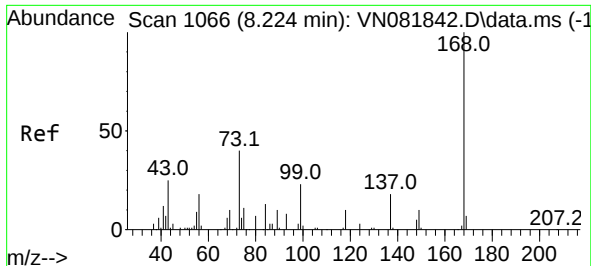
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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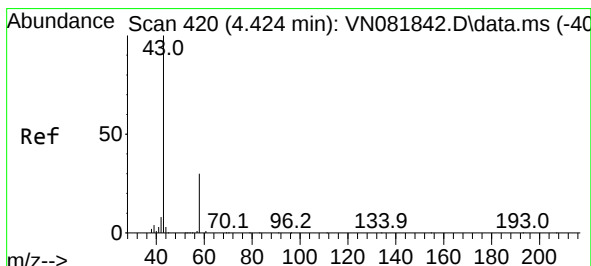
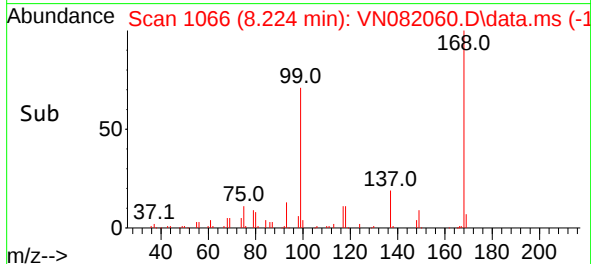
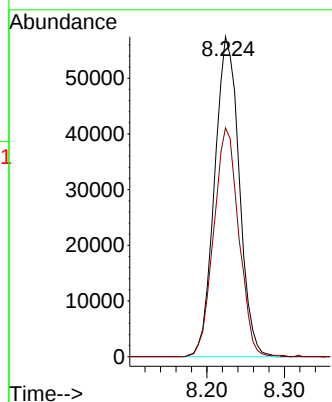
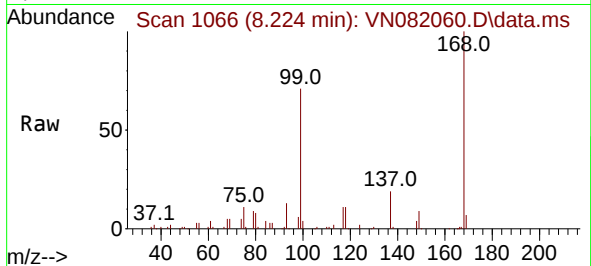




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

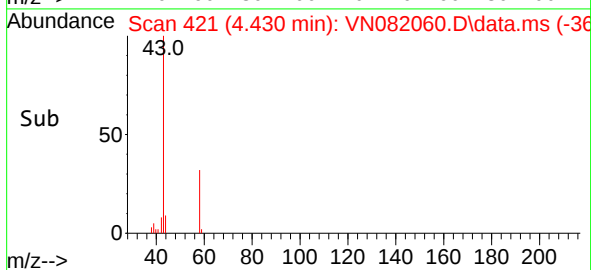
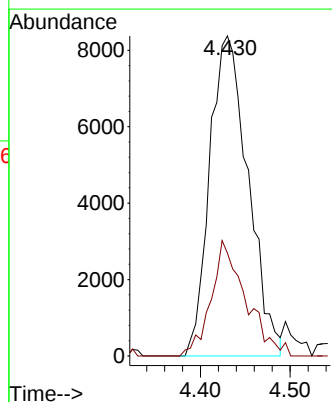
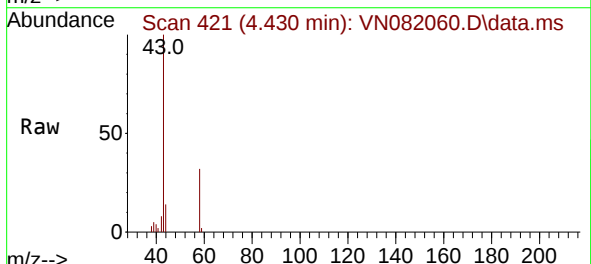
Instrument :
MSVOA_N
ClientSampleId :
1011UMR-SS005-0212-01

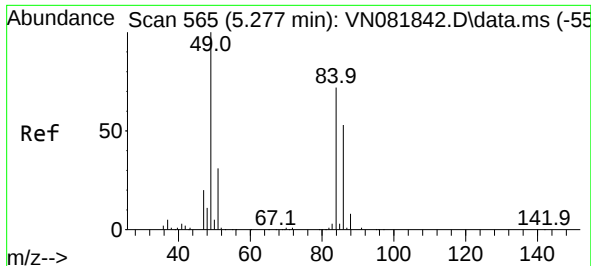
Tgt Ion:168 Resp: 126740
Ion Ratio Lower Upper
168 100
99 71.5 48.2 72.4



#16
Acetone
Concen: 34.726 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

Tgt Ion: 43 Resp: 24943
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8

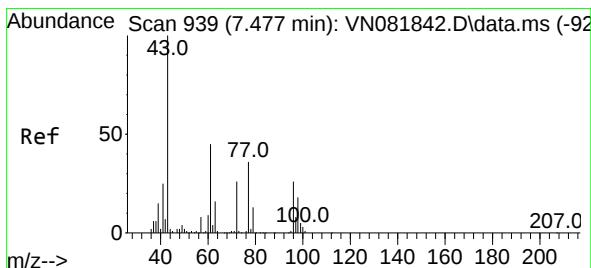
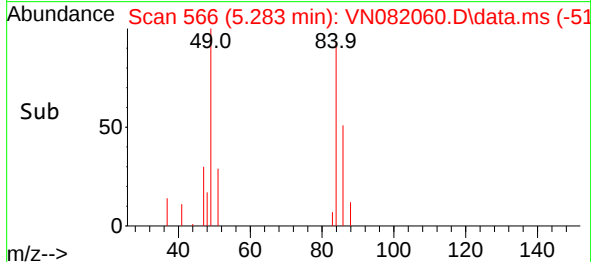
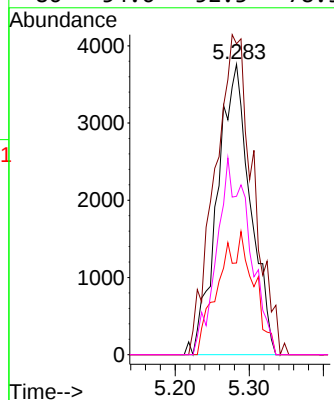
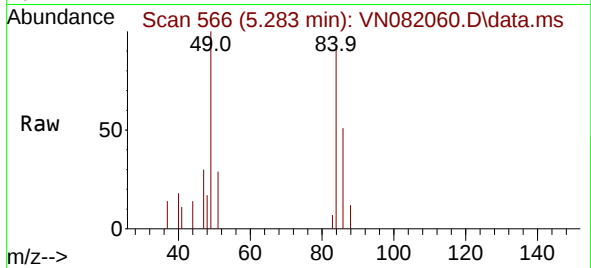




#20
Methylene Chloride
Concen: 6.347 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

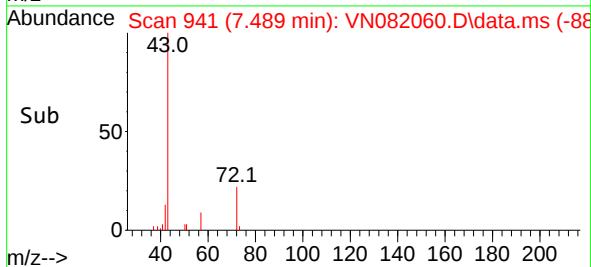
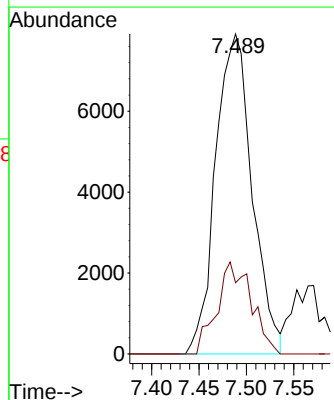
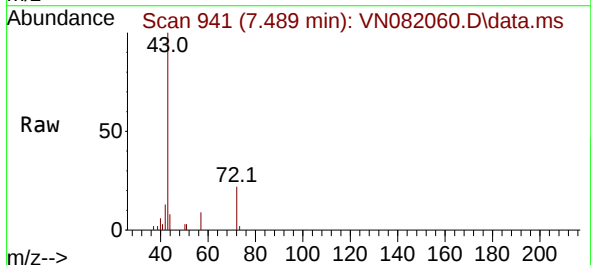
Instrument :
MSVOA_N
ClientSampleId :
1011UMR-SS005-0212-01

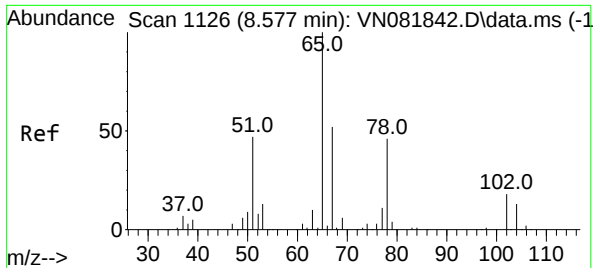
Tgt Ion:	84	Resp:	11634
Ion	Ratio	Lower	Upper
84	100		
49	107.1	84.9	127.3
51	31.6	27.0	40.6
86	54.6	52.3	78.5



#25
2-Butanone
Concen: 17.500 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

Tgt Ion:	43	Resp:	21246
Ion	Ratio	Lower	Upper
43	100		
72	22.3	25.3	37.9#

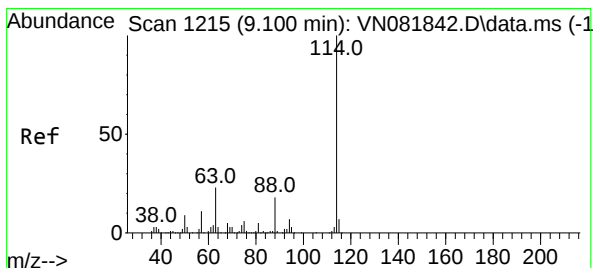
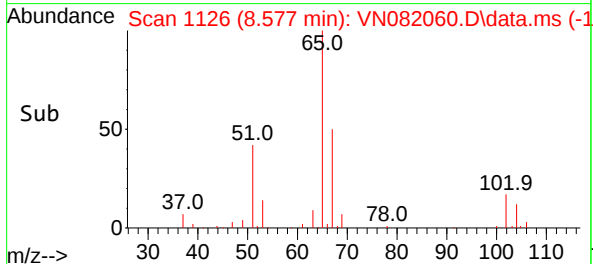
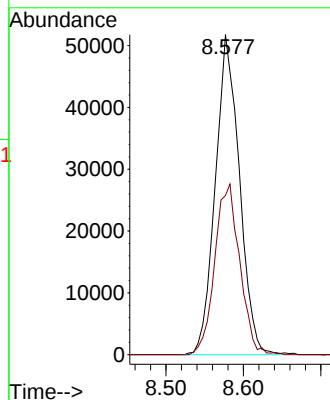
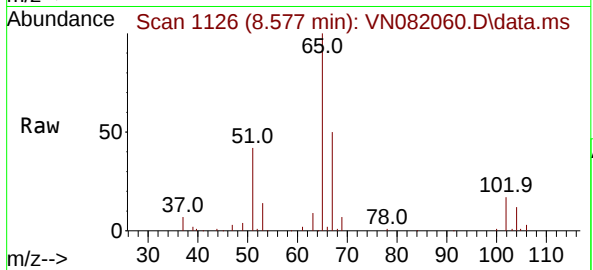




#33
 1,2-Dichloroethane-d4
 Concen: 52.284 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN082060.D
 Acq: 09 May 2024 18:58

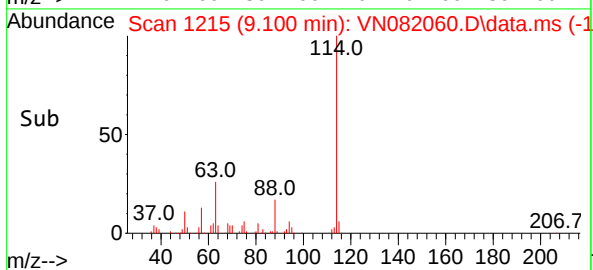
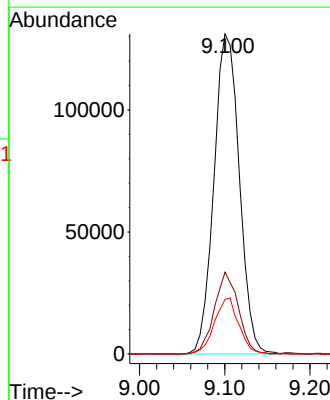
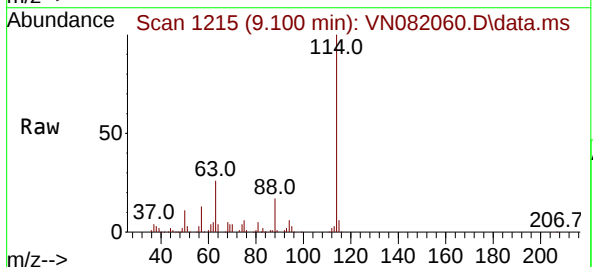
Instrument :
 MSVOA_N
 ClientSampleId :
 1011UMR-SS005-0212-01

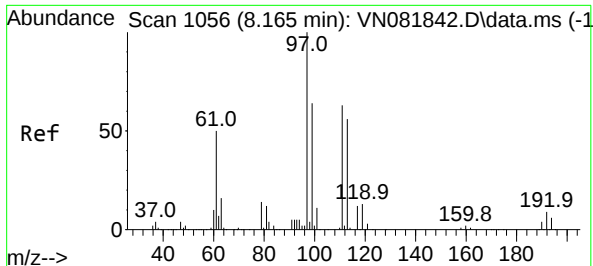
Tgt Ion: 65 Resp: 111838
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN082060.D
 Acq: 09 May 2024 18:58

Tgt Ion: 114 Resp: 271326
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 41.0
 88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.719 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082060.D

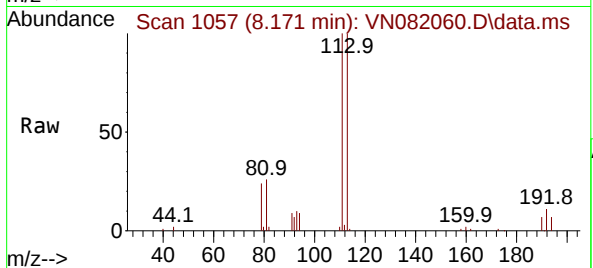
Acq: 09 May 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

1011UMR-SS005-0212-01



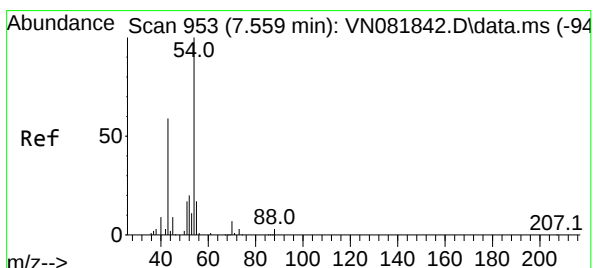
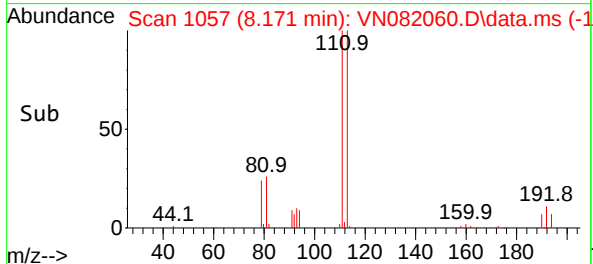
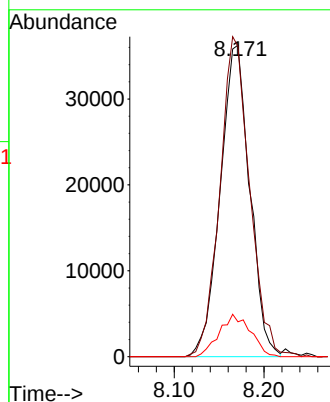
Tgt Ion:113 Resp: 82855

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 14.5 14.0 21.0



#37

Ethyl Acetate

Concen: 1.473 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN082060.D

Acq: 09 May 2024 18:58

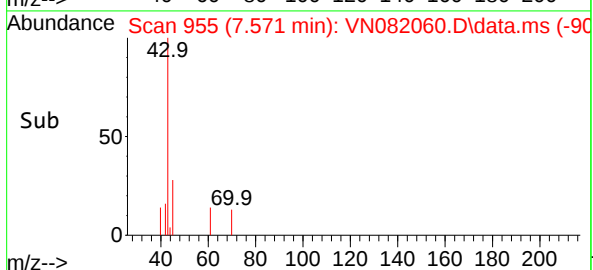
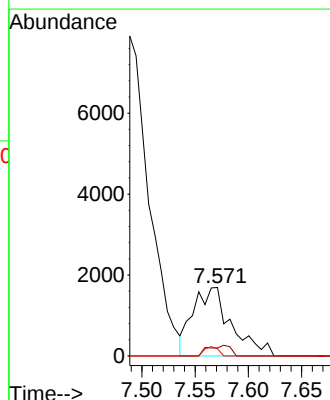
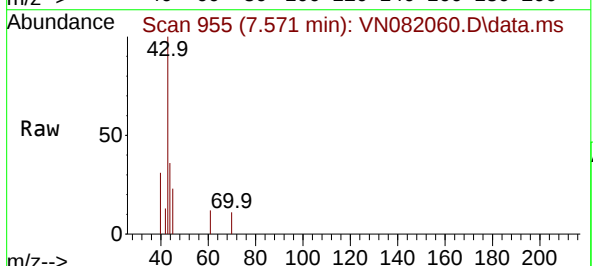
Tgt Ion: 43 Resp: 4234

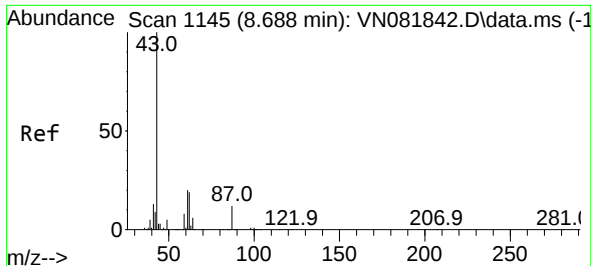
Ion Ratio Lower Upper

43 100

61 9.1 11.3 16.9#

70 4.9 8.7 13.1#





#43

Isopropyl Acetate

Concen: 36.270 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082060.D

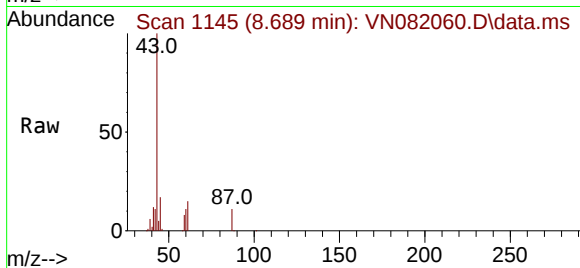
Acq: 09 May 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

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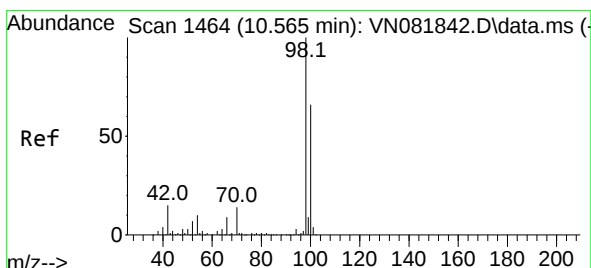
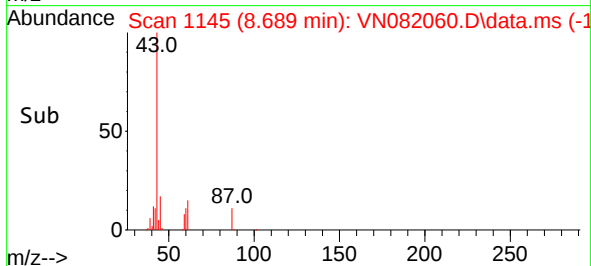
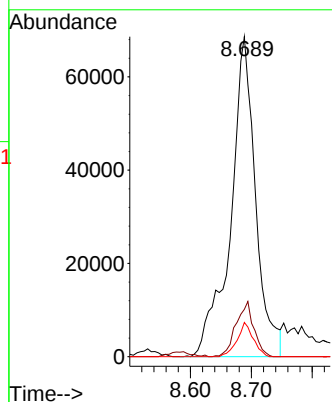
Tgt Ion: 43 Resp: 195969

Ion Ratio Lower Upper

43 100

61 12.3 22.8 34.2#

87 6.9 12.0 18.0#



#50

Toluene-d8

Concen: 54.362 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN082060.D

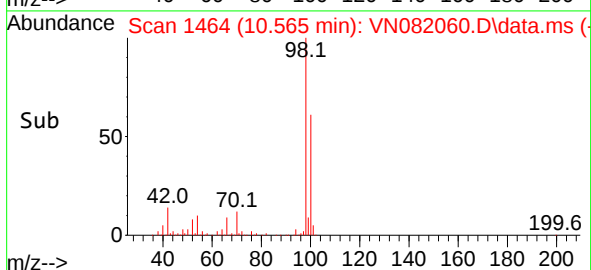
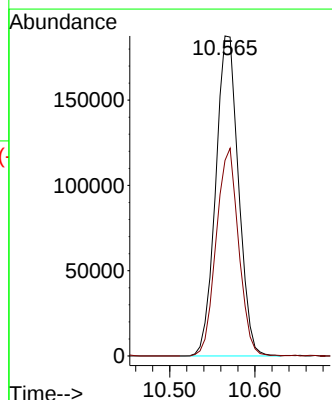
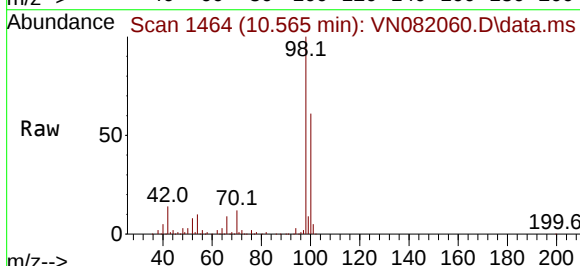
Acq: 09 May 2024 18:58

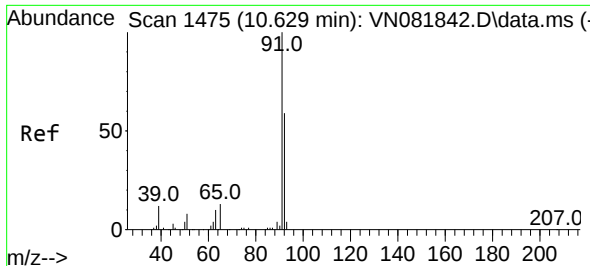
Tgt Ion: 98 Resp: 348783

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6

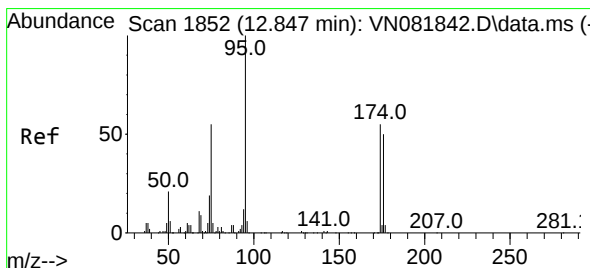
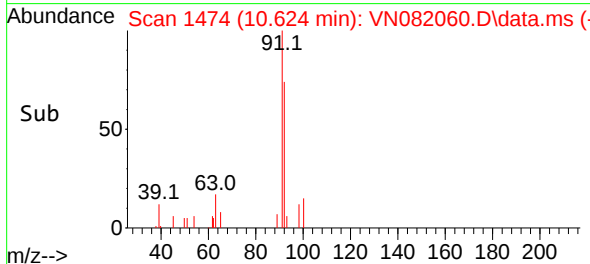
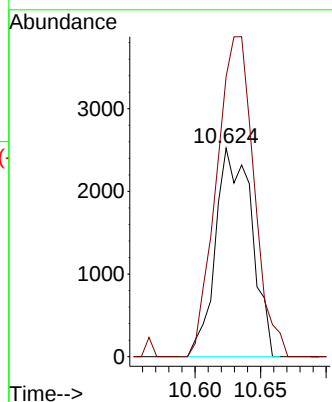
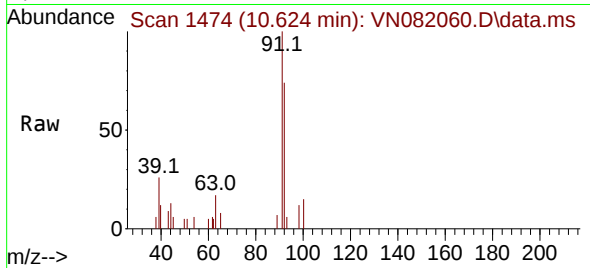




#52
Toluene
Concen: 1.014 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

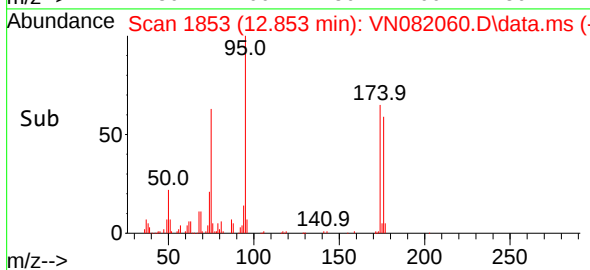
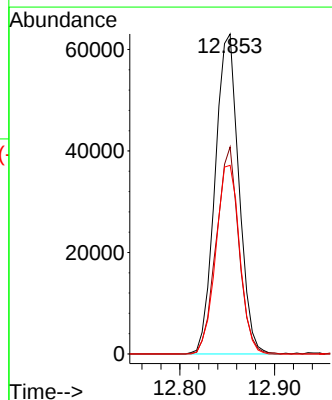
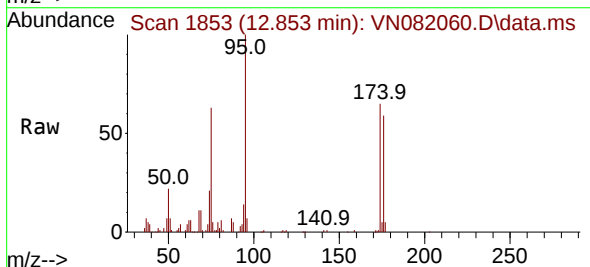
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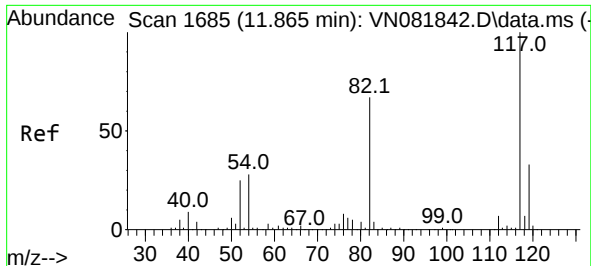
Tgt Ion: 92 Resp: 4845
Ion Ratio Lower Upper
92 100
91 159.3 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 43.235 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

Tgt Ion: 95 Resp: 109655
Ion Ratio Lower Upper
95 100
174 61.4 0.0 160.6
176 59.4 0.0 152.8

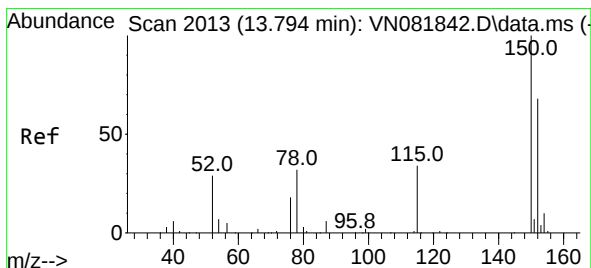
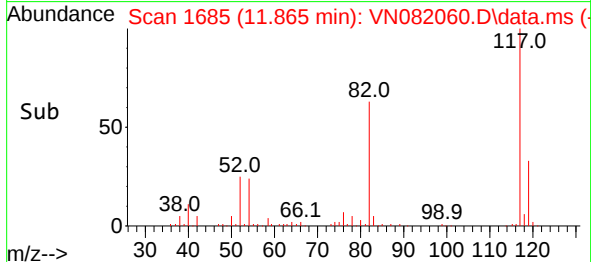
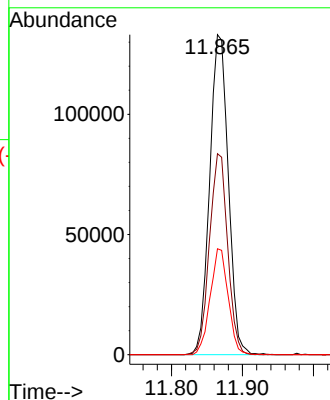
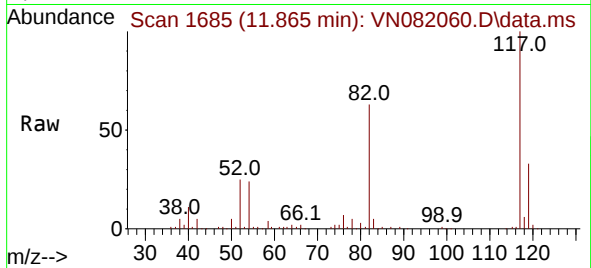




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :
1011UMR-SS005-0212-01

Tgt Ion:117 Resp: 241983
Ion Ratio Lower Upper
117 100
82 62.8 44.6 66.8
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082060.D
Acq: 09 May 2024 18:58

Tgt Ion:152 Resp: 84585
Ion Ratio Lower Upper
152 100
115 68.8 30.4 91.3
150 161.5 0.0 353.2

