

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082523.D
 Acq On : 12 Jun 2024 12:09
 Operator : JC\MD
 Sample : VN0612WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Quant Time: Jun 12 16:00:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

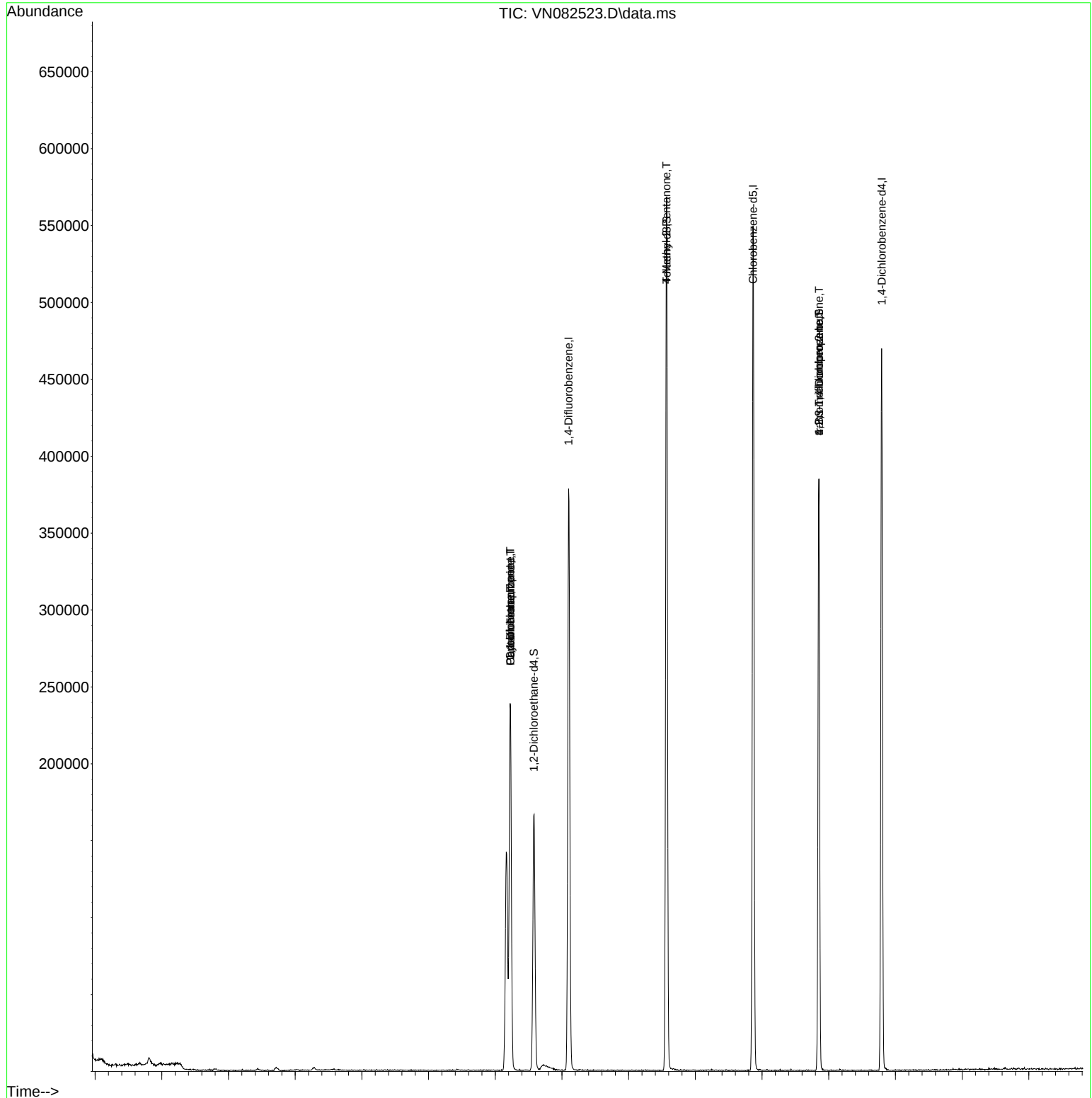
Internal Standards						
1) Pentafluorobenzene	8.230	168	170894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140091	51.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.165	113	101724	54.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.140%			
50) Toluene-d8	10.571	98	373724	51.818	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.853	95	121256	47.104	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.200%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	693	0.248	ug/l	93
5) Bromomethane	2.971	94	792	0.525	ug/l	95
13) Acrolein	4.200	56	120	0.374	ug/l #	15
16) Acetone	4.442	43	1972	1.781	ug/l	89
20) Methylene Chloride	5.289	84	1366	0.612	ug/l #	71
31) Cyclohexane	8.224	56	4557	1.057	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15230	4.827	ug/l #	49
38) Carbon Tetrachloride	8.230	117	18605	5.817	ug/l #	15
43) Isopropyl Acetate	8.712	43	2889	0.462	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2006	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	69637	27.152	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69637	63.507	ug/l #	13

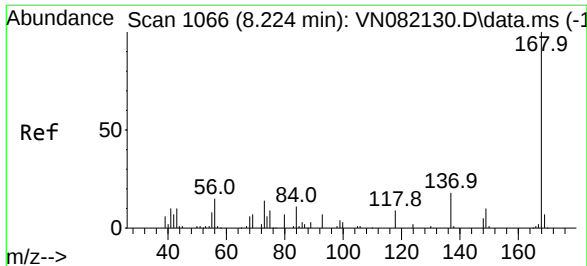
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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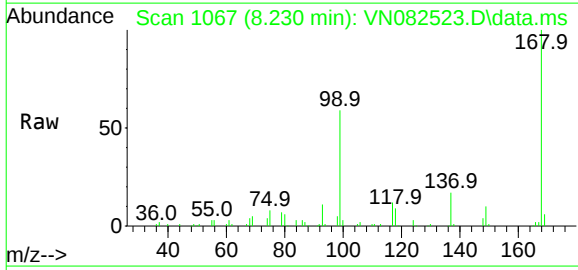
Quant Time: Jun 12 16:00:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



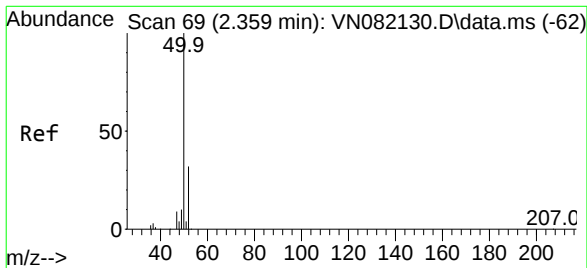
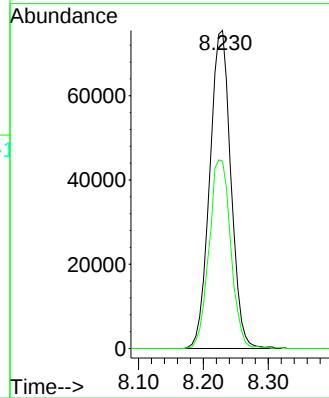
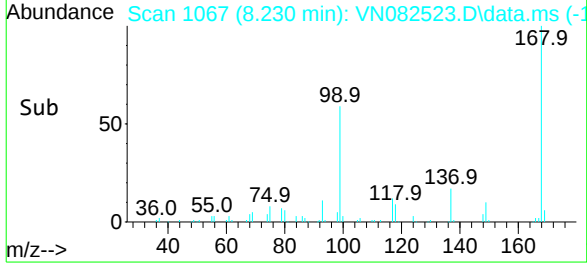


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

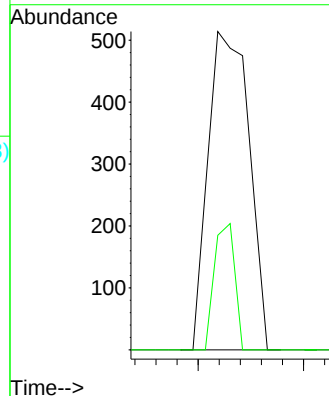
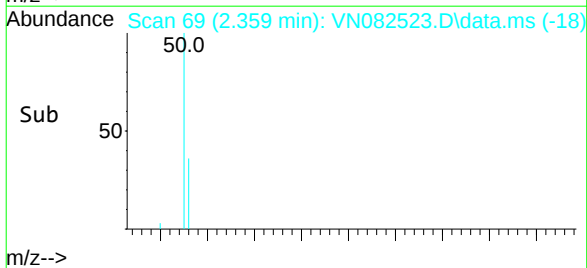
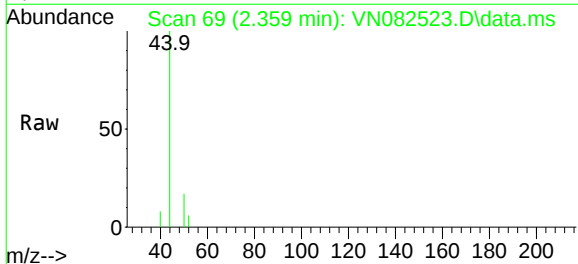


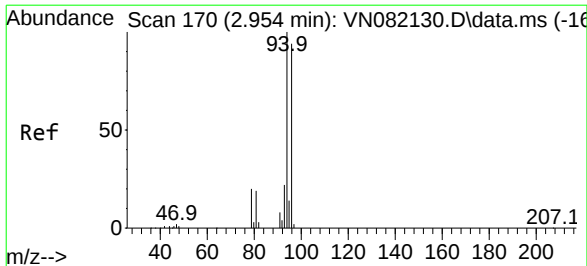
Tgt Ion:168 Resp: 170894
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

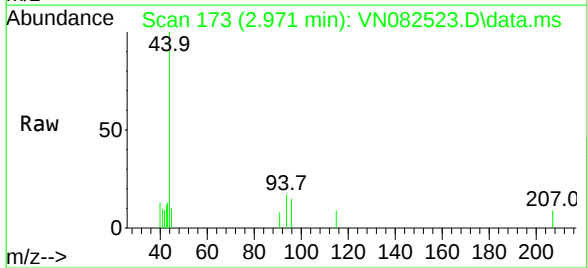
Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 36.0 25.5 38.3



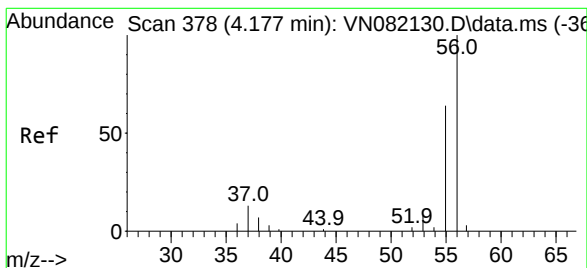
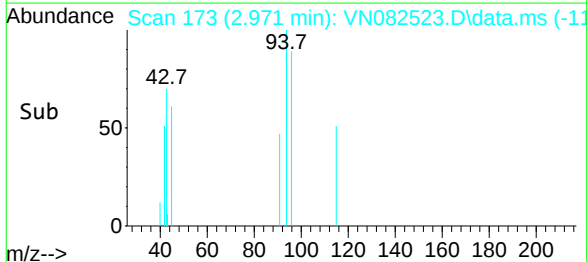
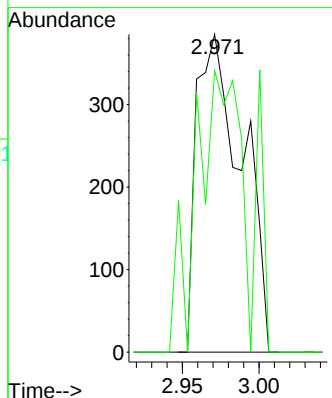


#5
Bromomethane
Concen: 0.525 ug/l
RT: 2.971 min Scan# 17
Delta R.T. 0.018 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

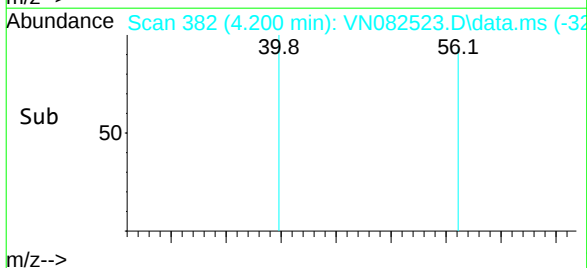
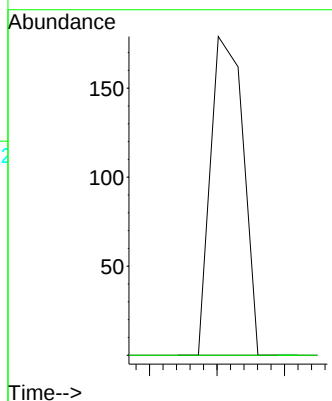
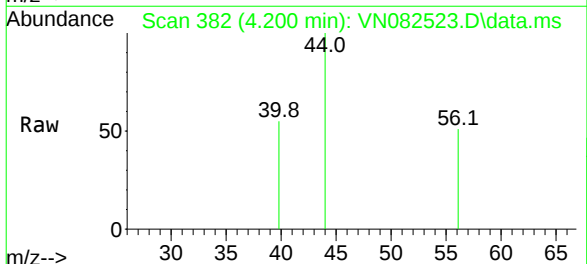


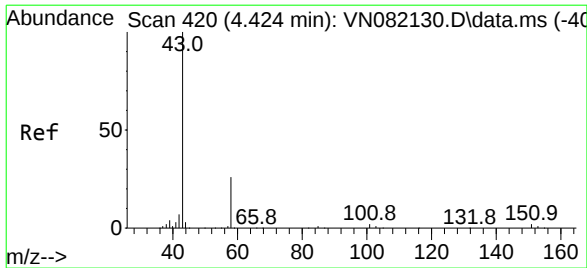
Tgt Ion: 94 Resp: 792
Ion Ratio Lower Upper
94 100
96 88.6 74.8 112.2



#13
Acrolein
Concen: 0.374 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.023 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#





#16

Acetone

Concen: 1.781 ug/l

RT: 4.442 min Scan# 42

Delta R.T. 0.018 min

Lab File: VN082523.D

Acq: 12 Jun 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

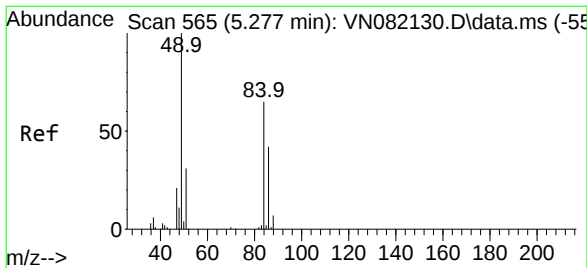
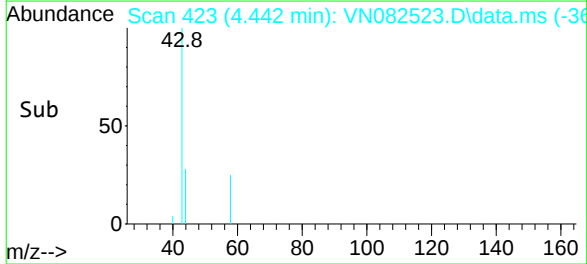
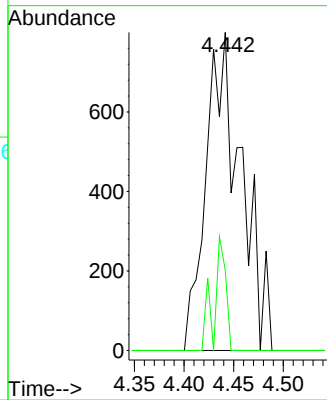
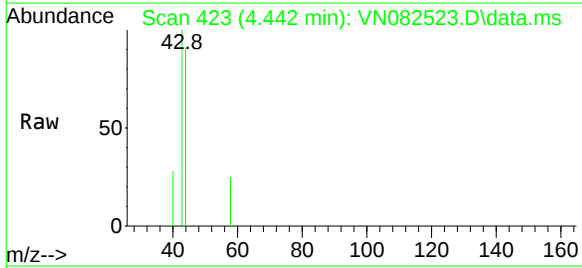
VN0612WBL01

Tgt Ion: 43 Resp: 1972

Ion Ratio Lower Upper

43 100

58 25.3 25.2 37.8



#20

Methylene Chloride

Concen: 0.612 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.012 min

Lab File: VN082523.D

Acq: 12 Jun 2024 12:09

Tgt Ion: 84 Resp: 1366

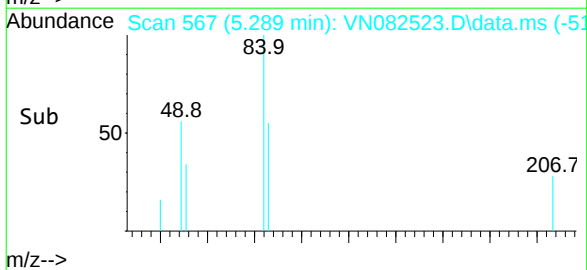
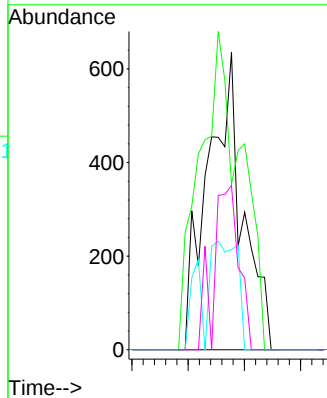
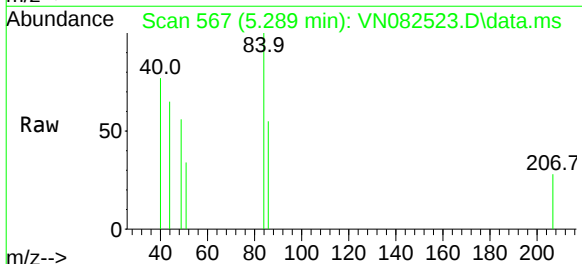
Ion Ratio Lower Upper

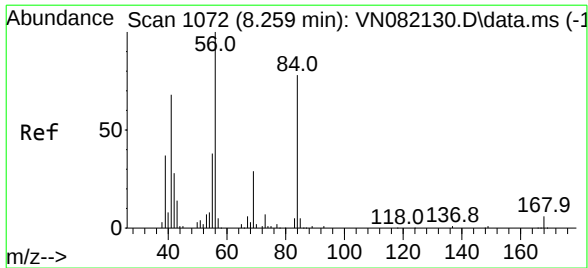
84 100

49 55.7 84.9 127.3#

51 33.6 27.0 40.6

86 55.2 52.3 78.5





#31

Cyclohexane

Concen: 1.057 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082523.D

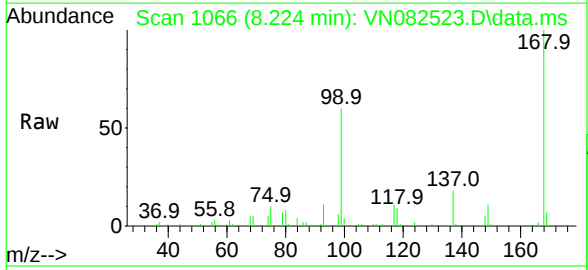
Acq: 12 Jun 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01



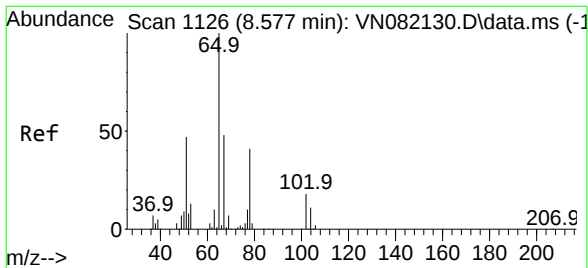
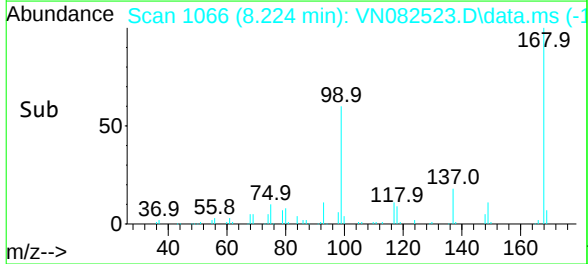
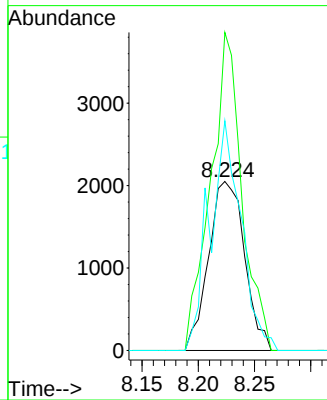
Tgt Ion: 56 Resp: 4557

Ion Ratio Lower Upper

56 100

69 188.2 24.4 36.6#

84 135.9 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 51.915 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082523.D

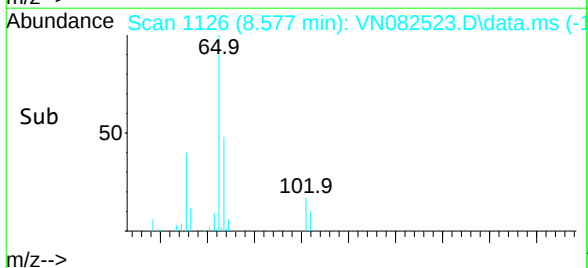
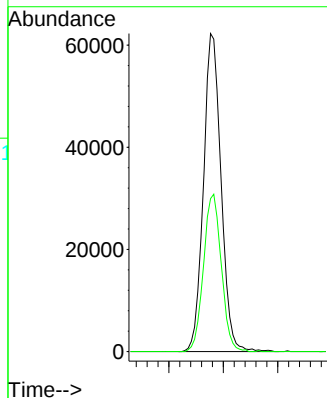
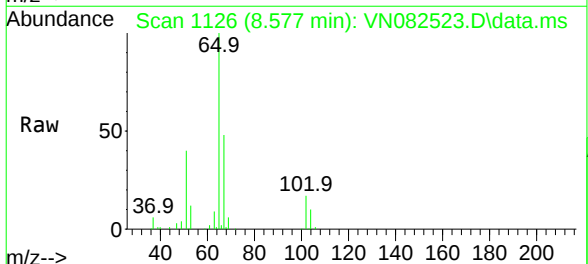
Acq: 12 Jun 2024 12:09

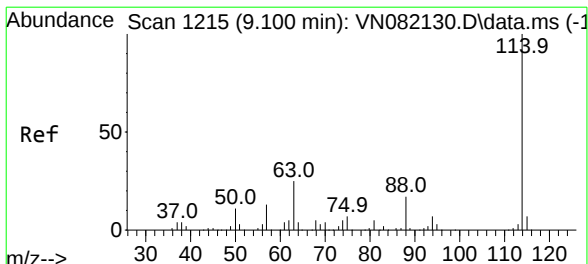
Tgt Ion: 65 Resp: 140091

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.0

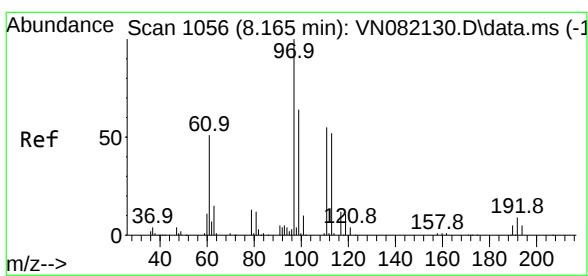
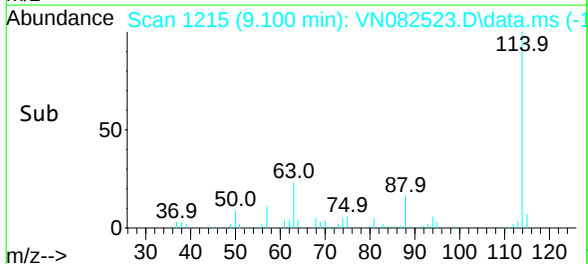
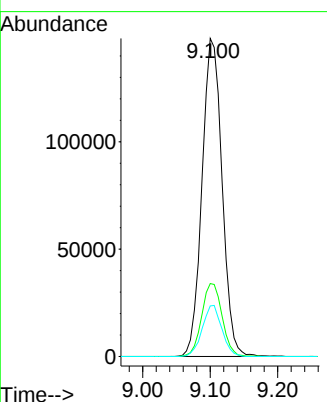
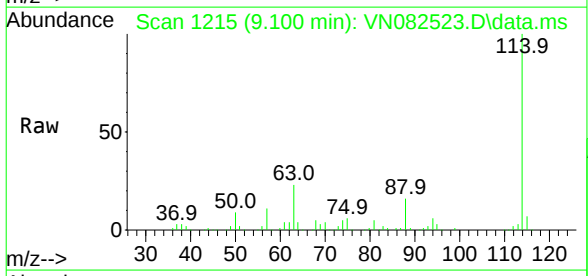




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082523.D
 Acq: 12 Jun 2024 12:09

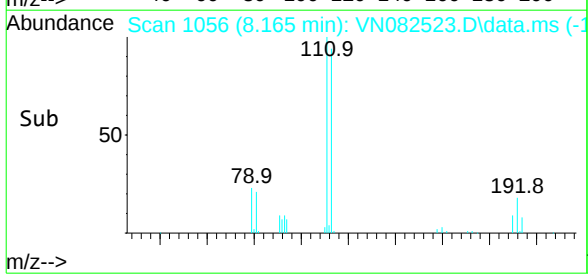
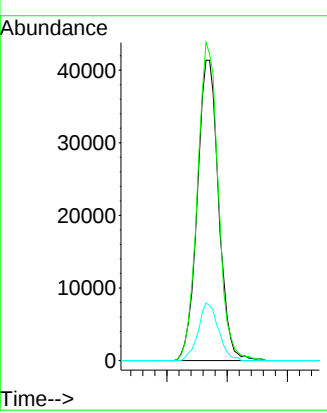
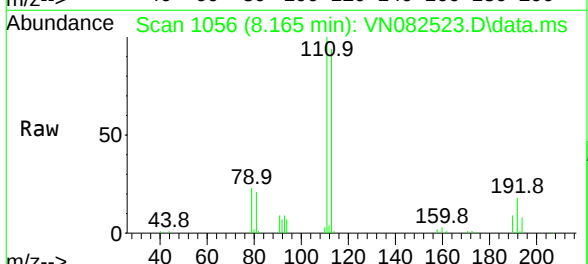
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

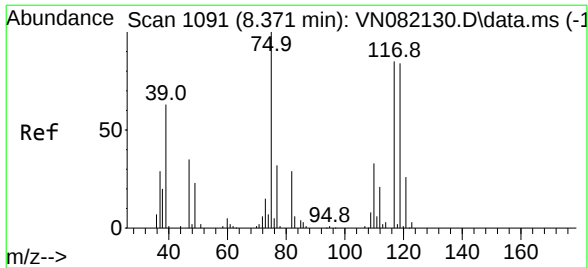
Tgt Ion:	114	Resp:	305804
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	41.0
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 54.075 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN082523.D
 Acq: 12 Jun 2024 12:09

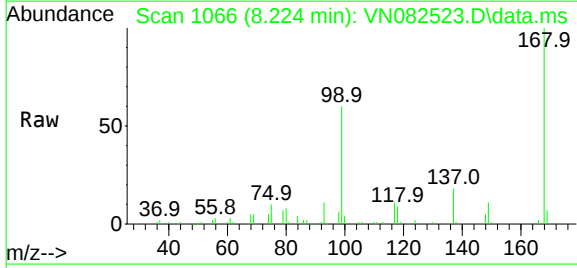
Tgt Ion:	113	Resp:	101724
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.4	125.2
192	18.2	14.0	21.0



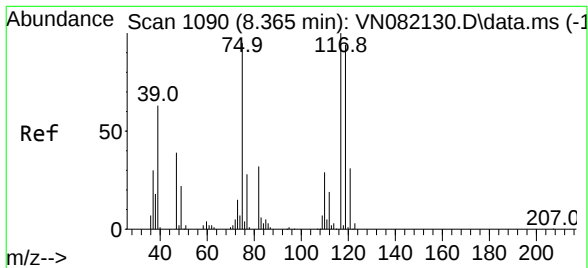
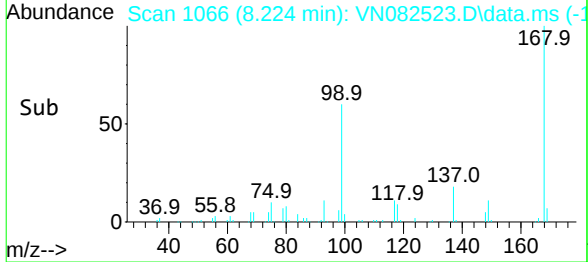
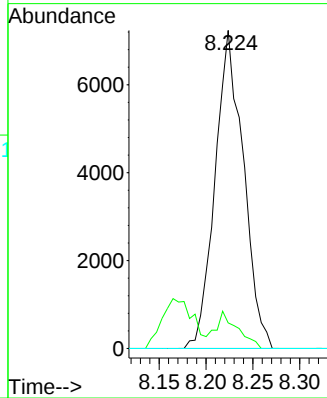


#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

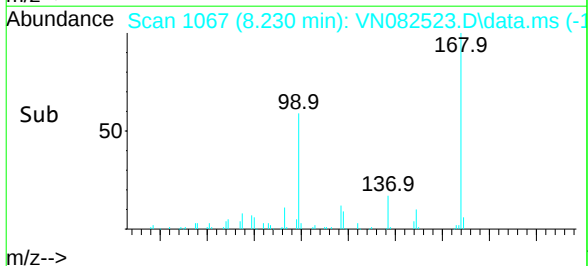
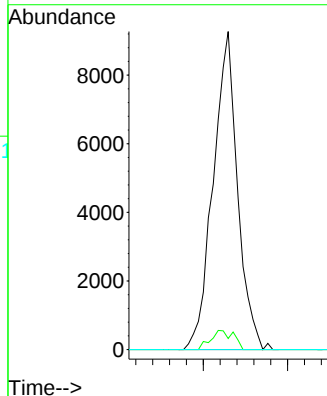
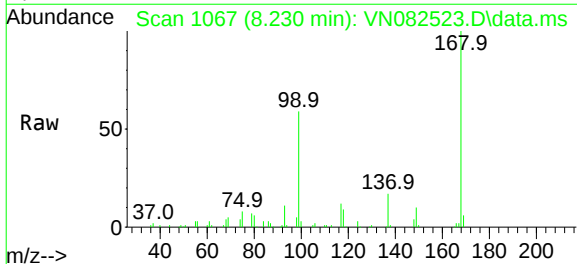


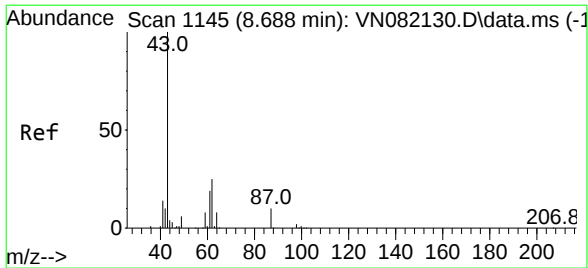
Tgt Ion:	75	Resp:	15230
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.5#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.817 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Tgt Ion:	117	Resp:	18605
Ion	Ratio	Lower	Upper
117	100		
119	3.5	76.5	114.7#
121	0.0	23.9	35.9#

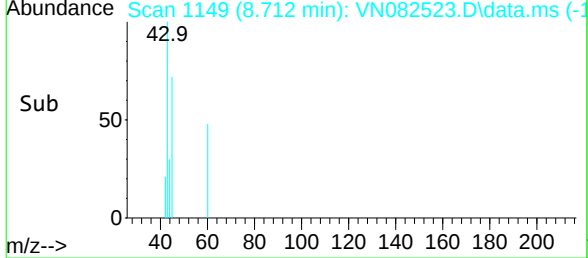
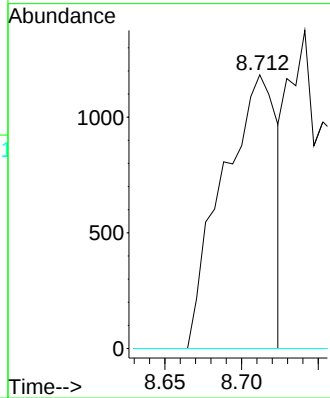
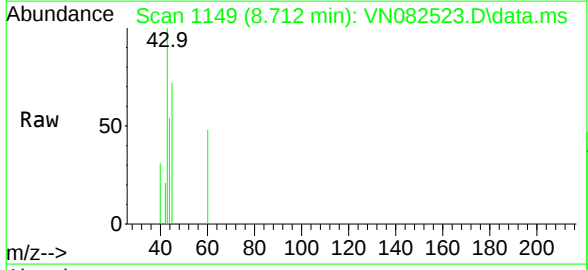




#43
Isopropyl Acetate
Concen: 0.462 ug/l
RT: 8.712 min Scan# 1145
Delta R.T. 0.023 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

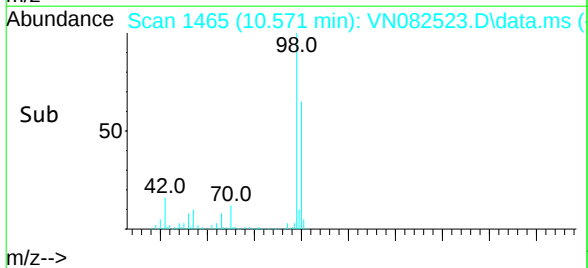
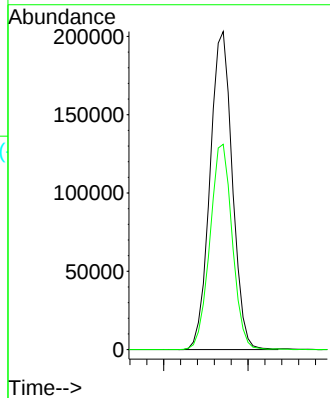
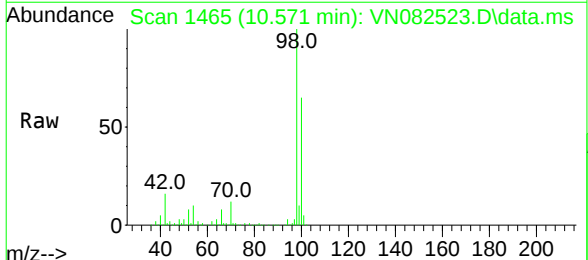
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

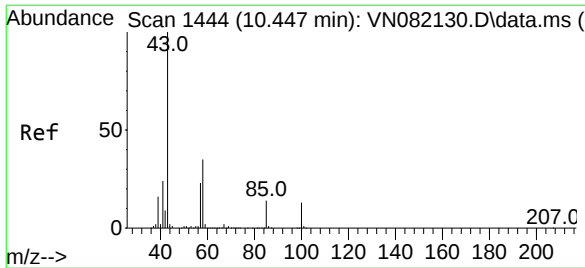
Tgt Ion:	43	Resp:	2889
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#



#50
Toluene-d8
Concen: 51.818 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Tgt Ion:	98	Resp:	373724
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6

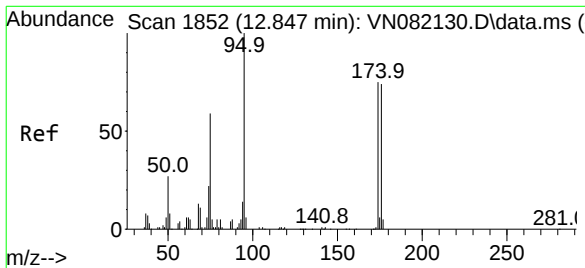
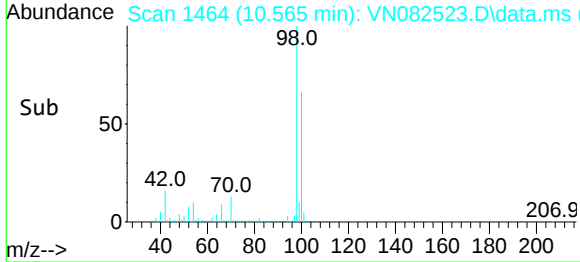
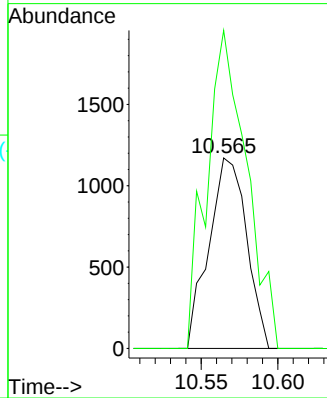
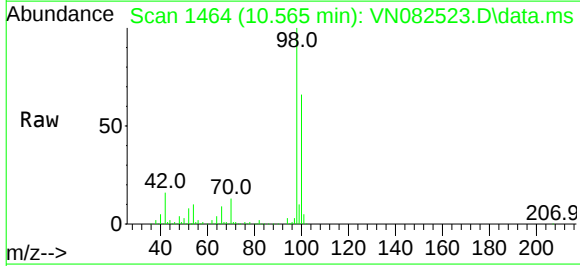




#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.118 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

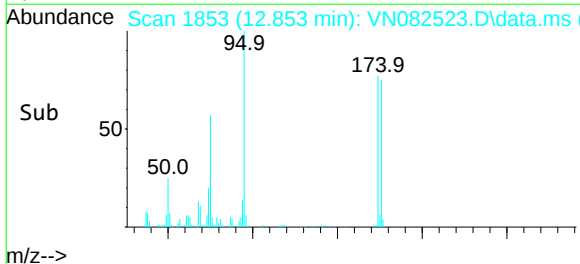
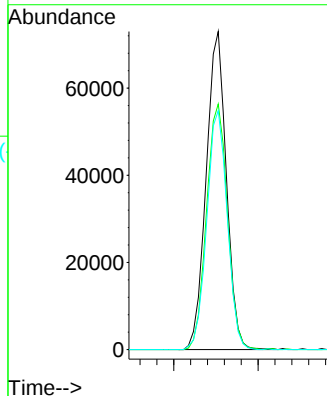
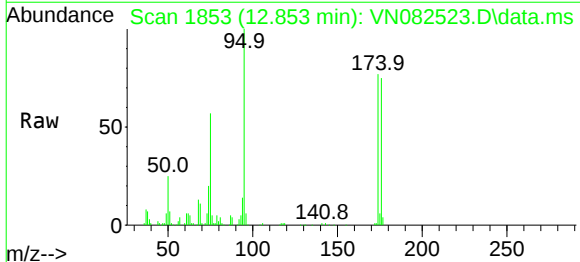
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

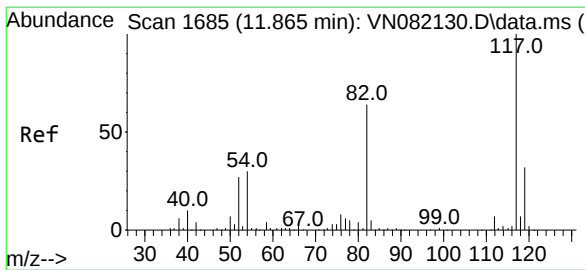
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 176.5 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 47.104 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Tgt Ion: 95 Resp: 121256
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.6
176 75.8 0.0 152.8

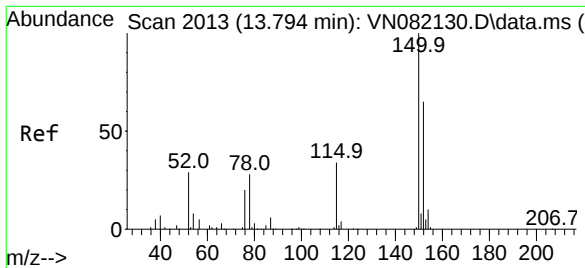
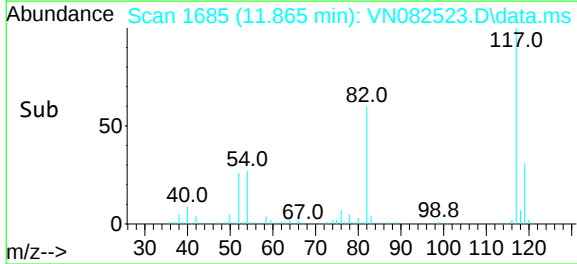
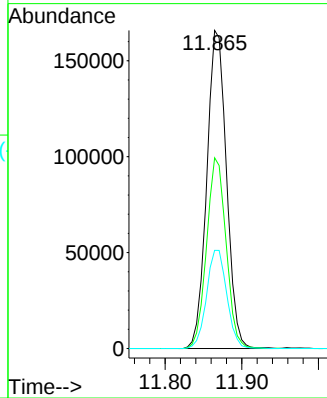
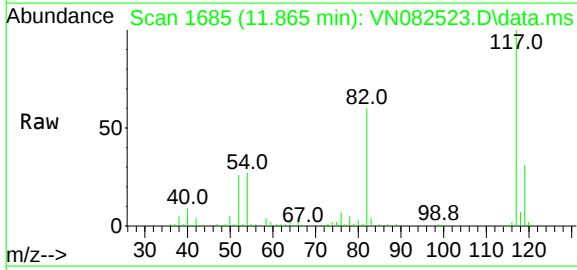




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

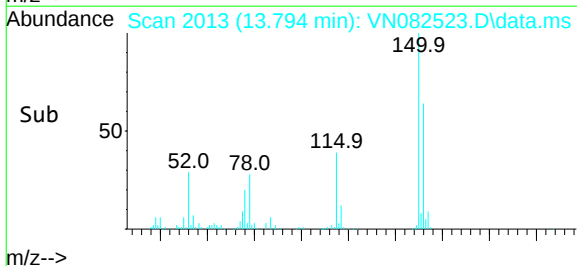
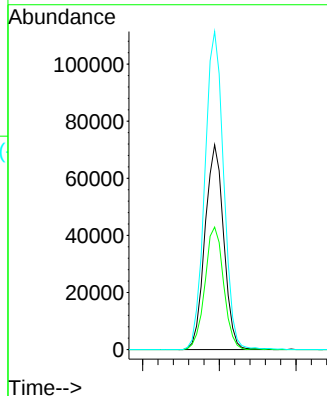
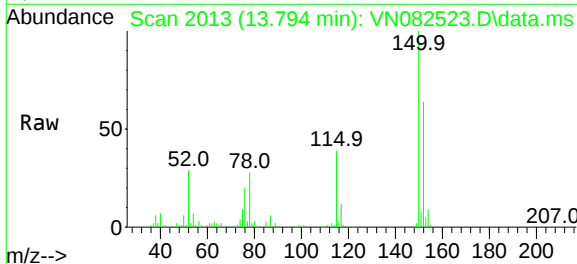
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

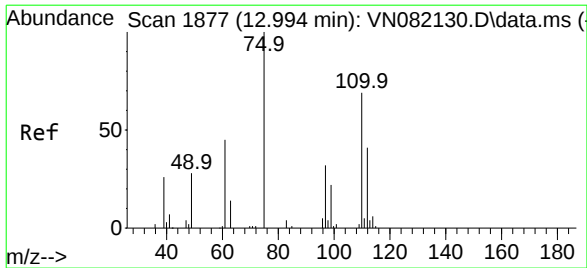
Tgt Ion:	117	Resp:	295689
Ion	Ratio	Lower	Upper
117	100		
82	59.9	44.6	66.8
119	30.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082523.D
Acq: 12 Jun 2024 12:09

Tgt Ion:	152	Resp:	121854
Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.4	91.3
150	156.1	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 27.152 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN082523.D

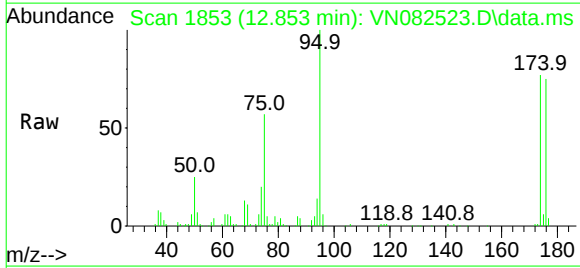
Acq: 12 Jun 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01

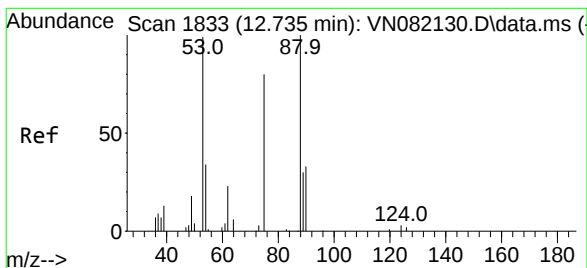
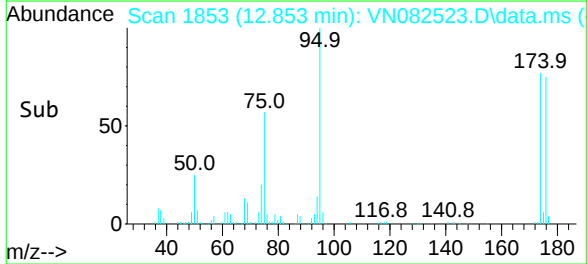
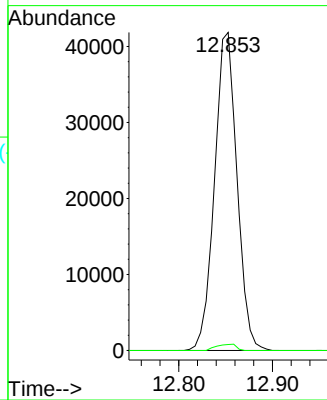


Tgt Ion: 75 Resp: 69637

Ion Ratio Lower Upper

75 100

77 1.7 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.507 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082523.D

Acq: 12 Jun 2024 12:09

Tgt Ion: 75 Resp: 69637

Ion Ratio Lower Upper

75 100

53 0.3 72.9 109.3#

89 0.0 39.1 58.7#

