

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082366.D
 Acq On : 29 May 2024 12:39
 Operator : JC\MD
 Sample : P2607-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:41:31 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	8.224	168	186845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147343	49.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	8.165	113	106354	53.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.500%
50) Toluene-d8	10.565	98	405341	52.937	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.847	95	136646	49.999	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.000%

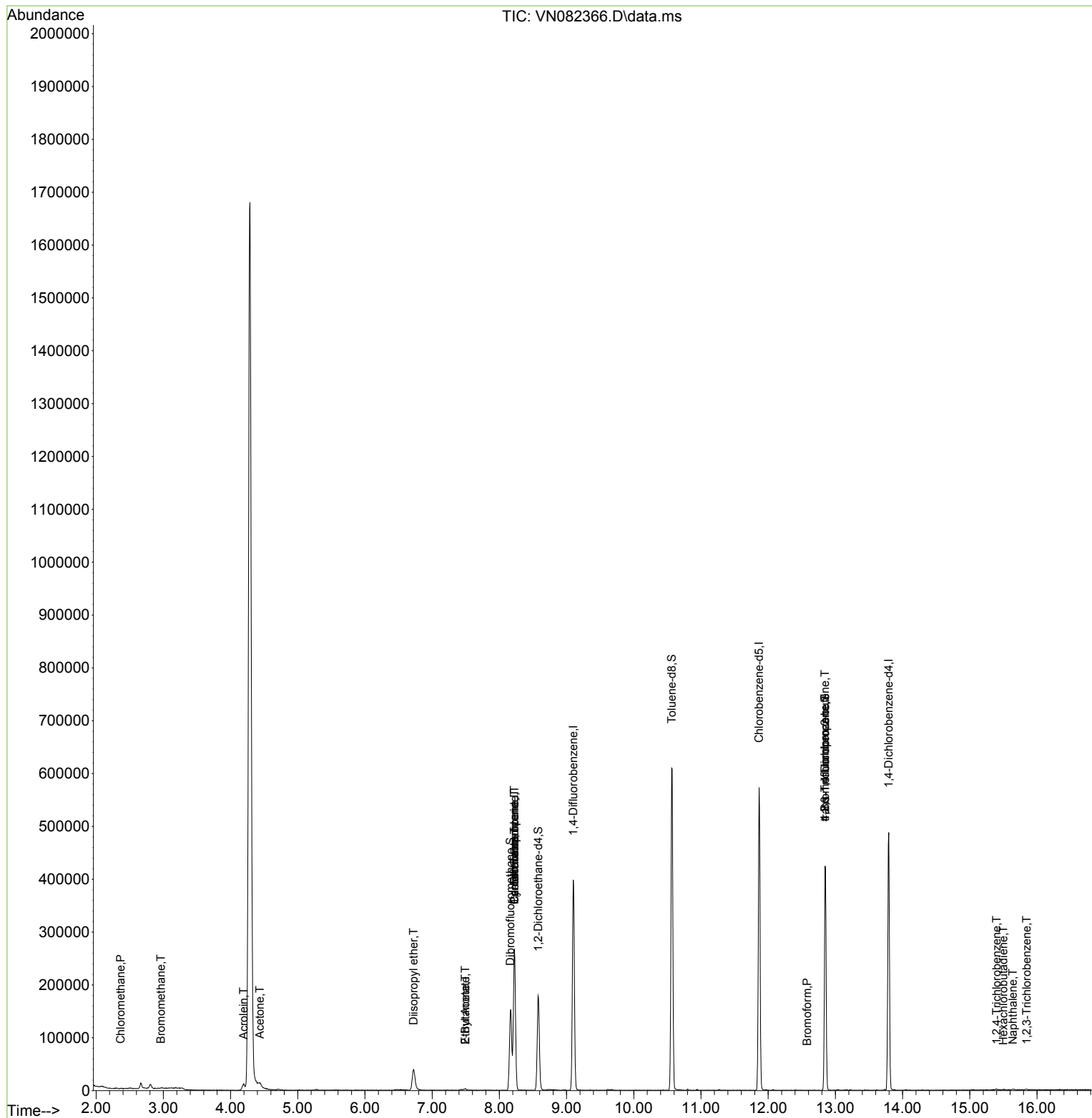
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	682	0.223	ug/l #	43
5) Bromomethane	2.965	94	499	0.302	ug/l #	42
13) Acrolein	4.195	56	15258	43.476	ug/l	98
16) Acetone	4.436	43	13069	10.798	ug/l #	1
22) Diisopropyl ether	6.724	45	2929	0.321	ug/l #	1
25) 2-Butanone	7.494	43	5007	2.729	ug/l #	75
31) Cyclohexane	8.224	56	4972	1.055	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	17314	5.169	ug/l #	51
37) Ethyl Acetate	7.494	43	5007	1.336	ug/l #	68
38) Carbon Tetrachloride	8.224	117	19466	5.733	ug/l #	17
71) Bromoform	12.582	173	53	0.731	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	82123	31.432	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82123	73.517	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	460	0.204	ug/l #	62
94) Hexachlorobutadiene	15.500	225	290	0.293	ug/l #	54
95) Naphthalene	15.641	128	2338	0.330	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.847	180	743	0.329	ug/l #	85

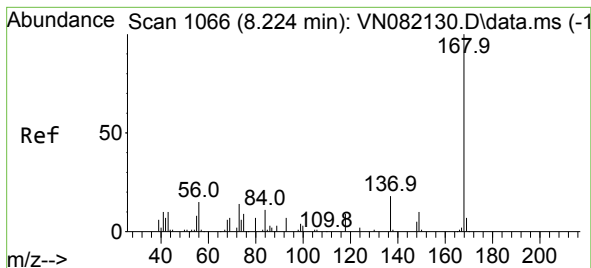
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
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Quant Time: May 30 05:41:31 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: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082366.D

Acq: 29 May 2024 12:39

Instrument :

MSVOA_N

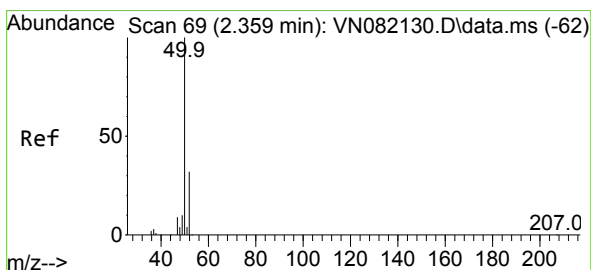
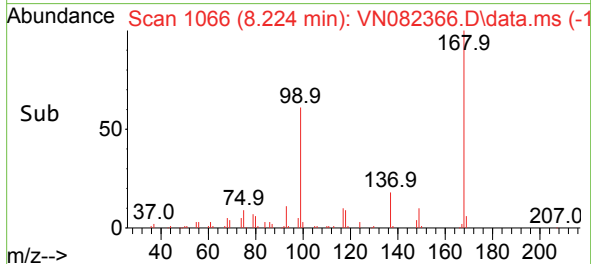
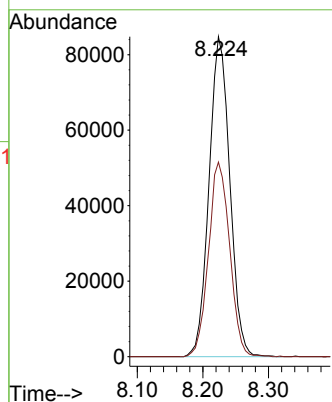
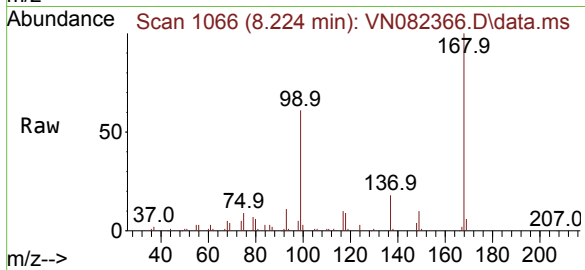
ClientSampleId :

Tgt Ion:168 Resp: 186845

Ion Ratio Lower Upper

168 100

99 60.8 48.2 72.4



#3

Chloromethane

Concen: 0.223 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082366.D

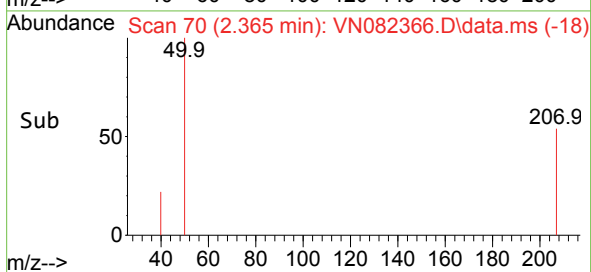
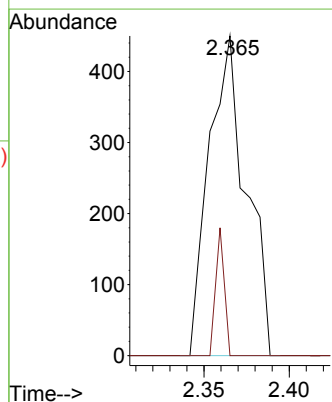
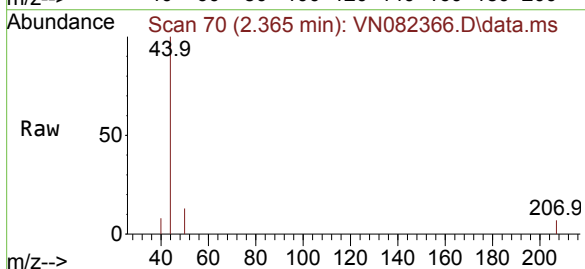
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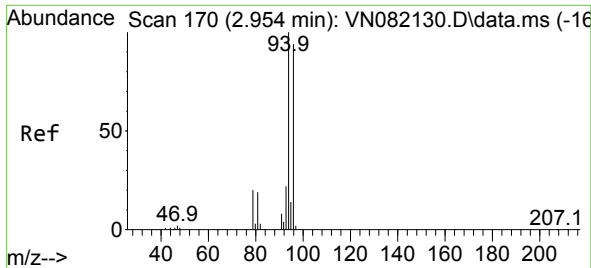
Tgt Ion: 50 Resp: 682

Ion Ratio Lower Upper

50 100

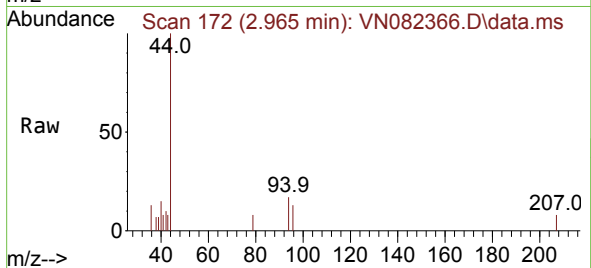
52 0.0 25.5 38.3#



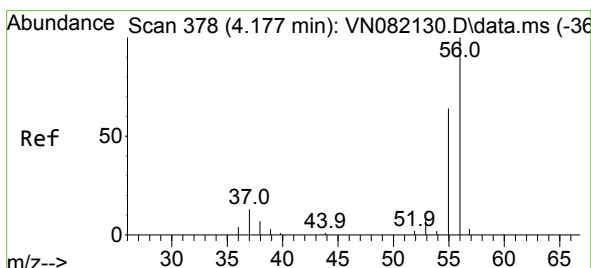
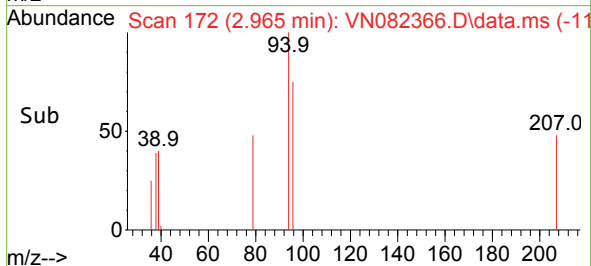
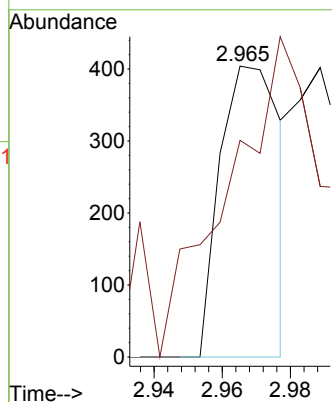


#5
Bromomethane
Concen: 0.302 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :

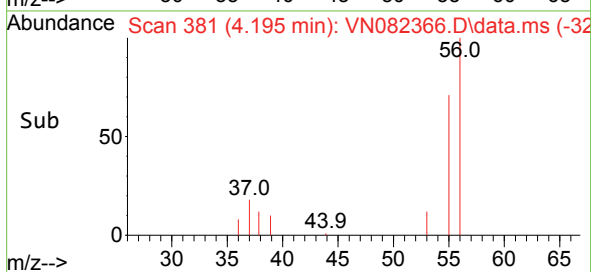
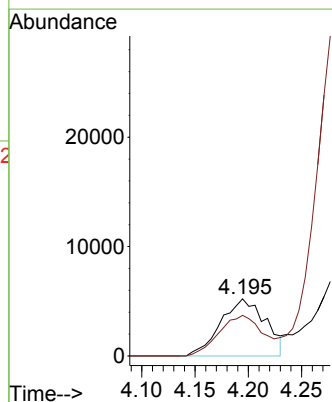
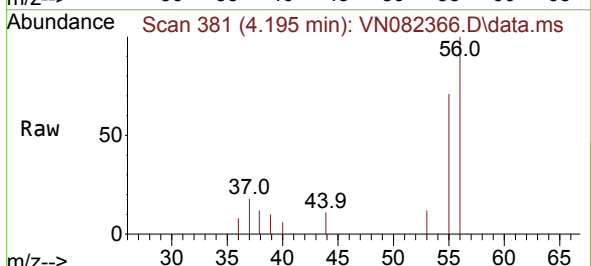


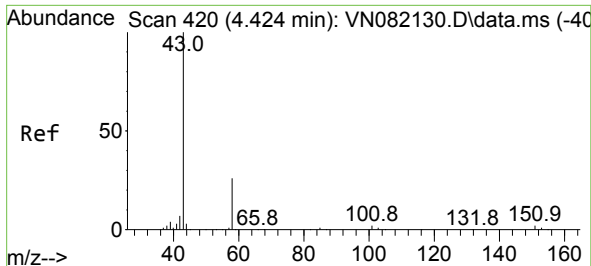
Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 37.4 74.8 112.2#



#13
Acrolein
Concen: 43.476 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Tgt Ion: 56 Resp: 15258
Ion Ratio Lower Upper
56 100
55 68.5 55.8 83.8

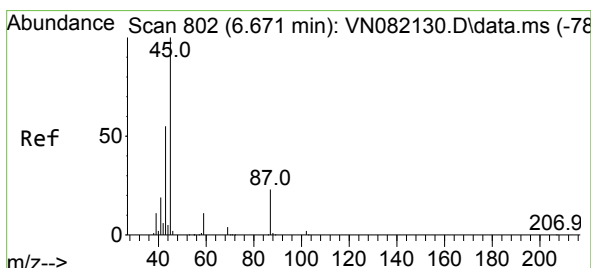
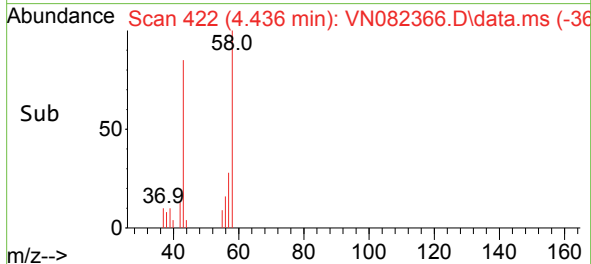
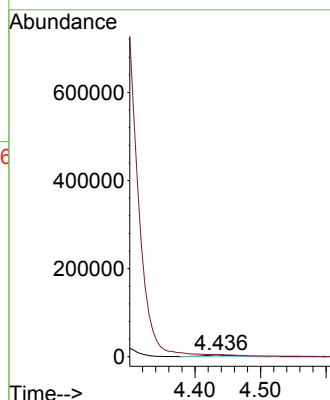
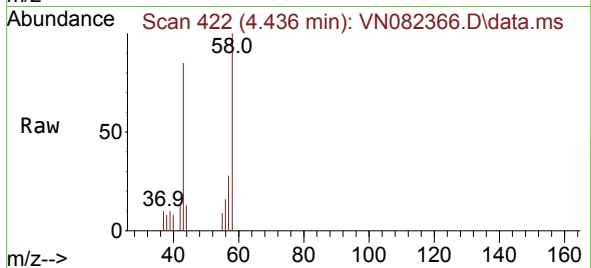




#16
Acetone
Concen: 10.798 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

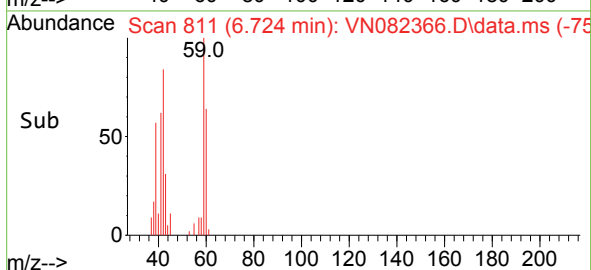
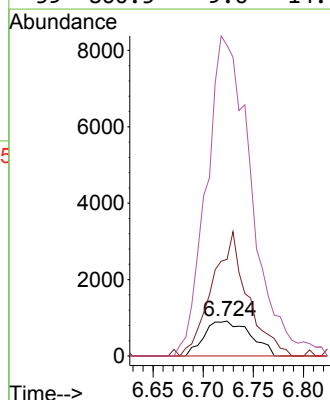
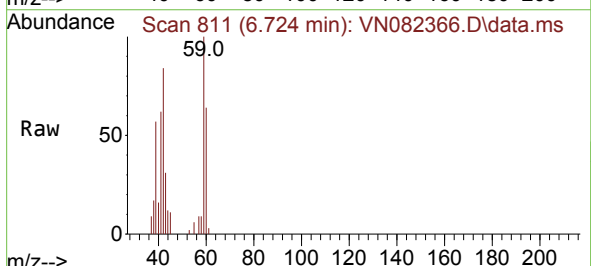
Instrument :
MSVOA_N
ClientSampleId :

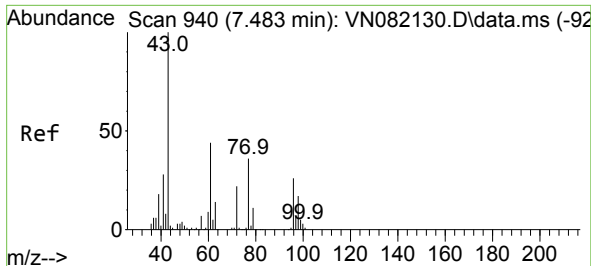
Tgt Ion: 43 Resp: 13069
Ion Ratio Lower Upper
43 100
58 91.9 25.2 37.8#



#22
Diisopropyl ether
Concen: 0.321 ug/l
RT: 6.724 min Scan# 811
Delta R.T. 0.053 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

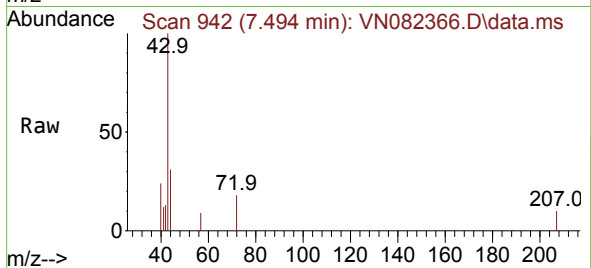
Tgt Ion: 45 Resp: 2929
Ion Ratio Lower Upper
45 100
43 277.3 44.1 66.1#
87 0.0 27.0 40.6#
59 860.5 9.6 14.4#



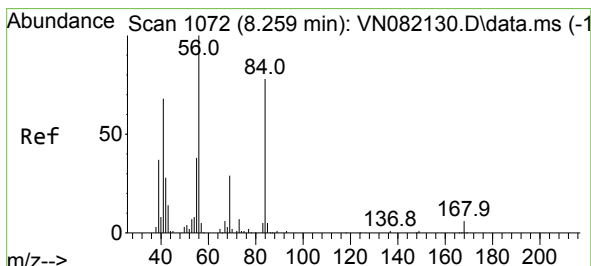
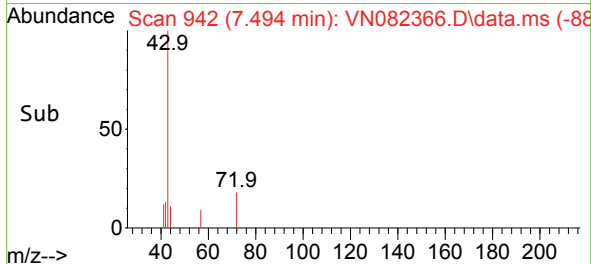
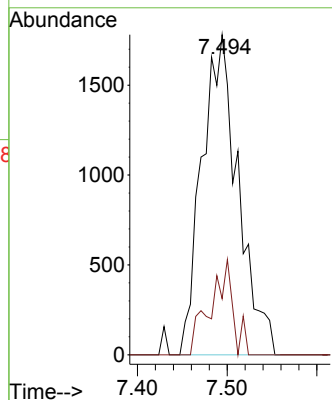


#25
2-Butanone
Concen: 2.729 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :

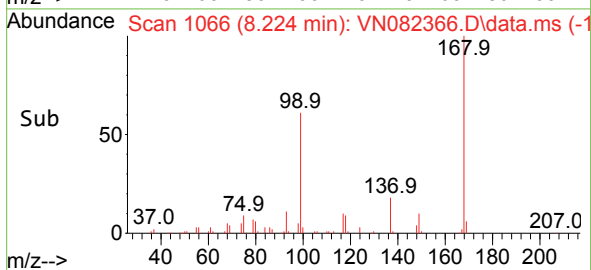
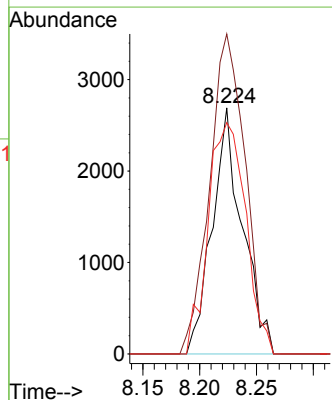
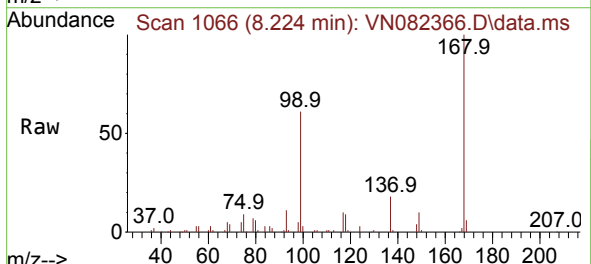


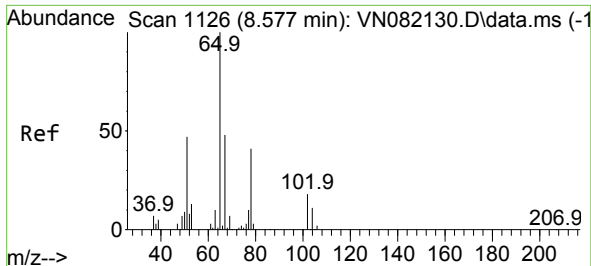
Tgt Ion: 43 Resp: 5007
Ion Ratio Lower Upper
43 100
72 17.5 25.3 37.9#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Tgt Ion: 56 Resp: 4972
Ion Ratio Lower Upper
56 100
69 130.1 24.4 36.6#
84 94.1 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 49.941 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082366.D

Acq: 29 May 2024 12:39

Instrument :

MSVOA_N

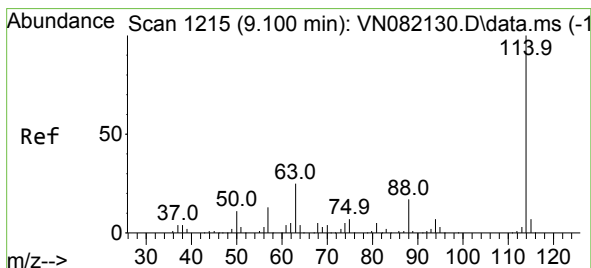
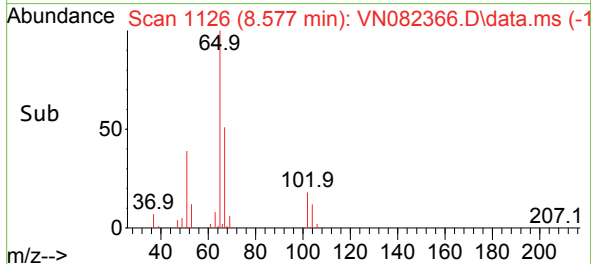
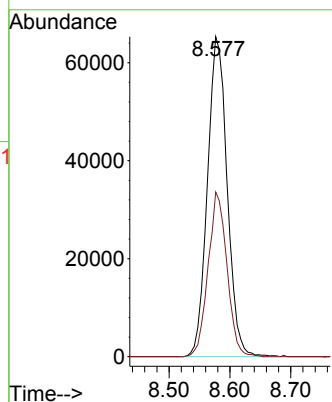
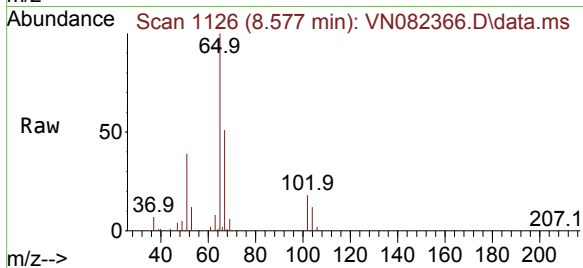
ClientSampleId :

Tgt Ion: 65 Resp: 147343

Ion Ratio Lower Upper

65 100

67 49.2 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: VN082366.D

Acq: 29 May 2024 12:39

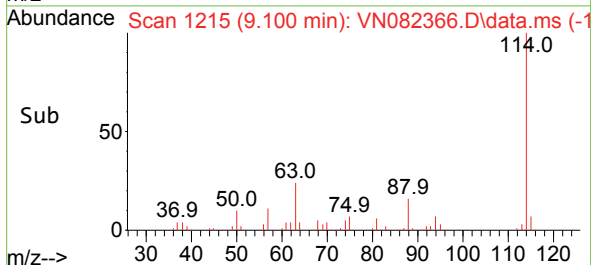
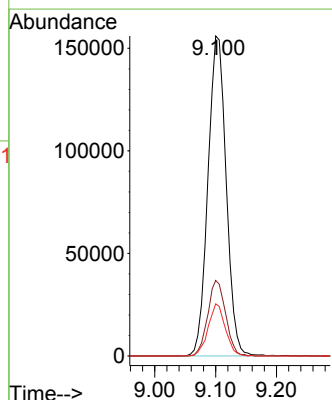
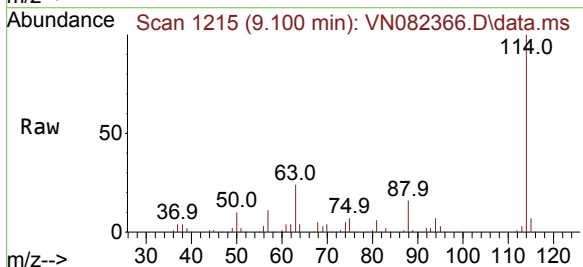
Tgt Ion: 114 Resp: 324666

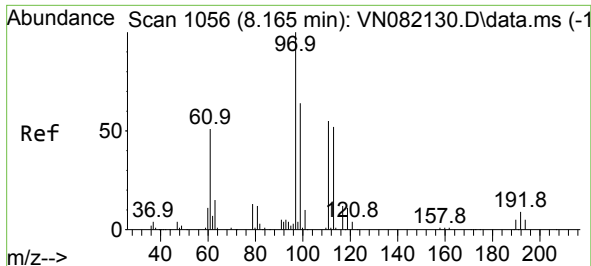
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.3 0.0 31.4

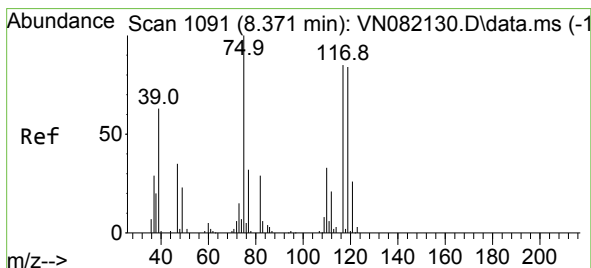
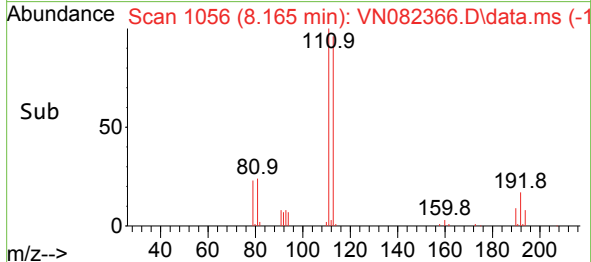
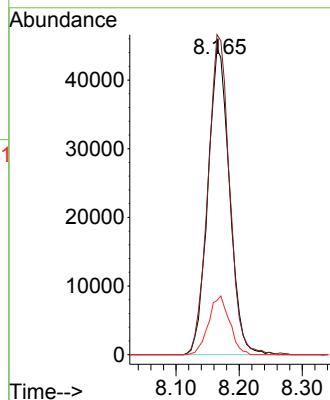
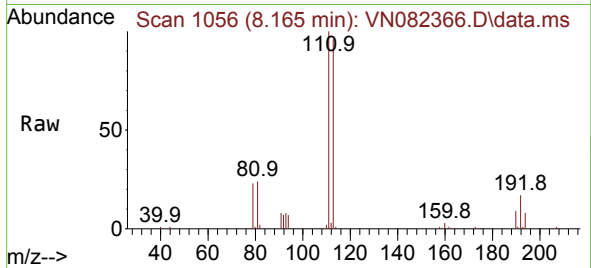




#35
Dibromofluoromethane
Concen: 53.252 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

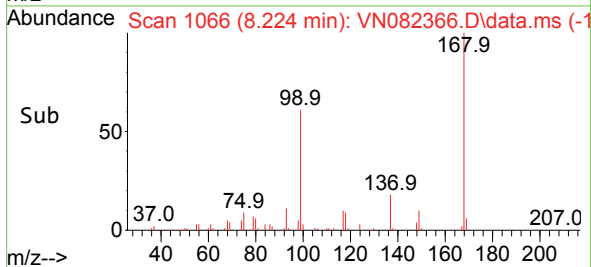
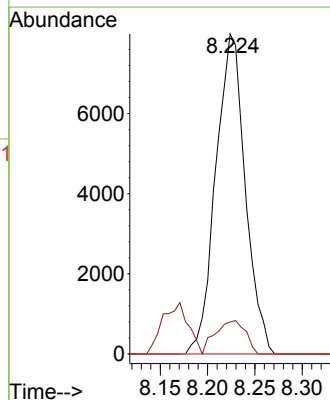
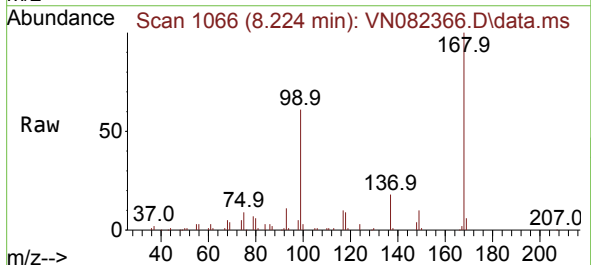
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 106354
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Tgt Ion: 75 Resp: 17314
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.336 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

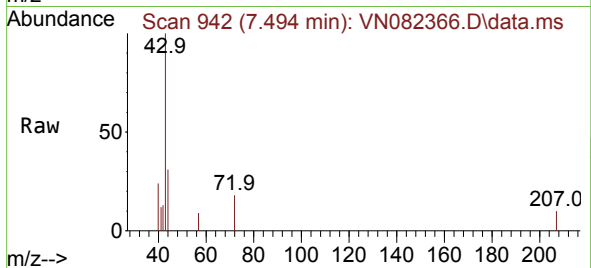
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Acq: 29 May 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :



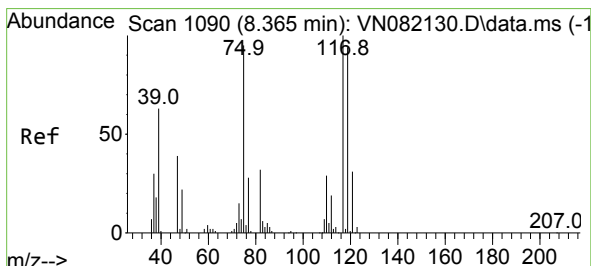
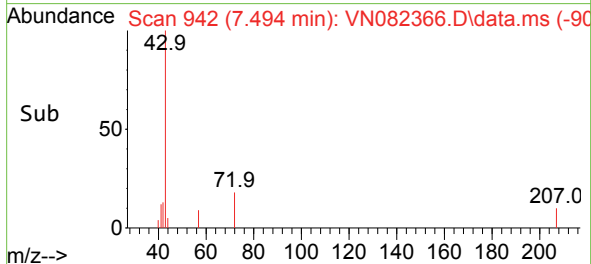
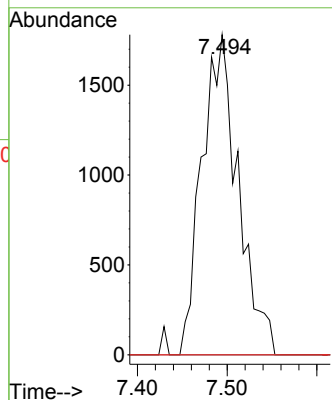
Tgt Ion: 43 Resp: 5007

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.733 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082366.D

Acq: 29 May 2024 12:39

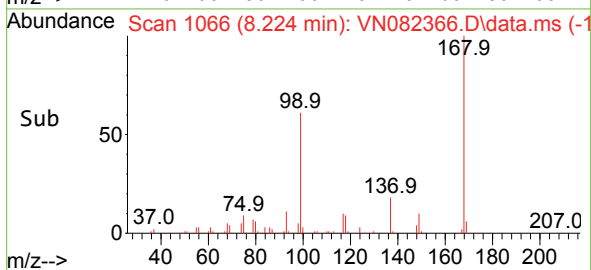
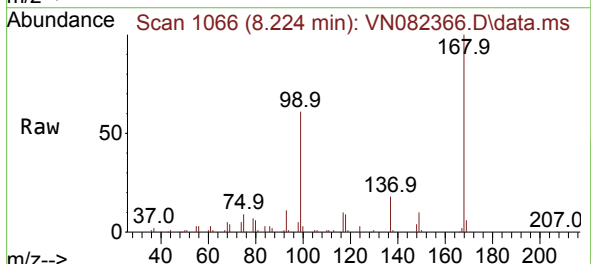
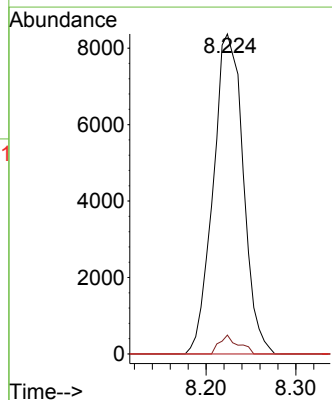
Tgt Ion: 117 Resp: 19466

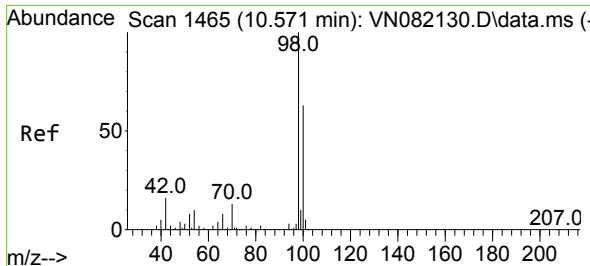
Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

121 0.0 23.9 35.9#

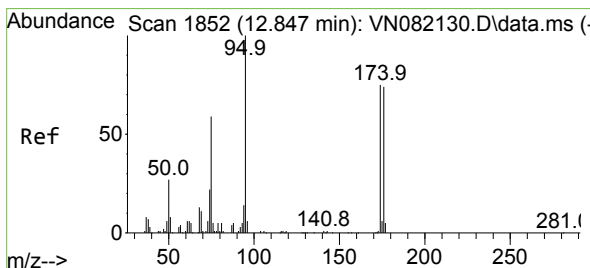
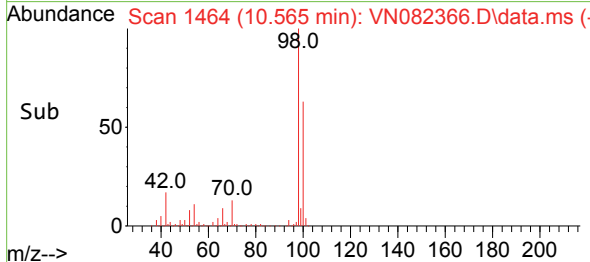
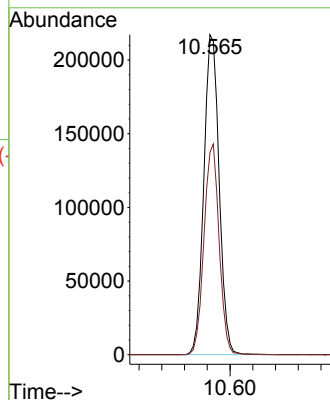
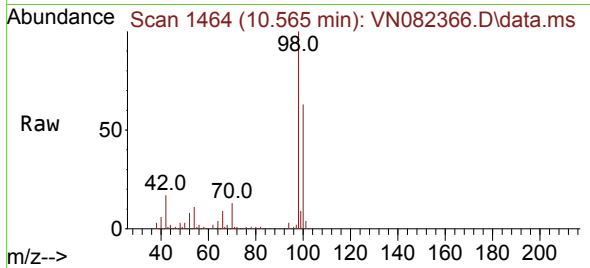




#50
Toluene-d8
Concen: 52.937 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

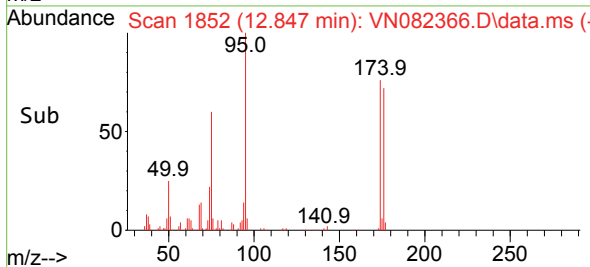
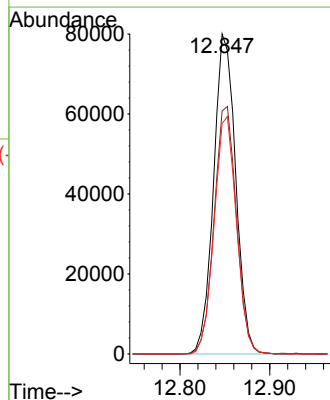
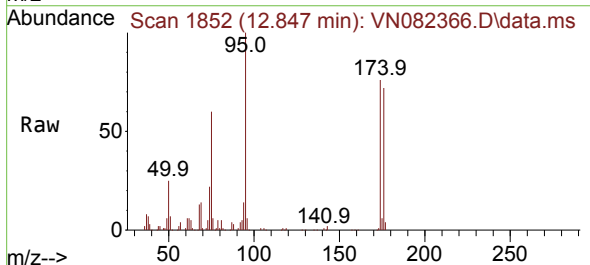
Instrument :
MSVOA_N
ClientSampleId :

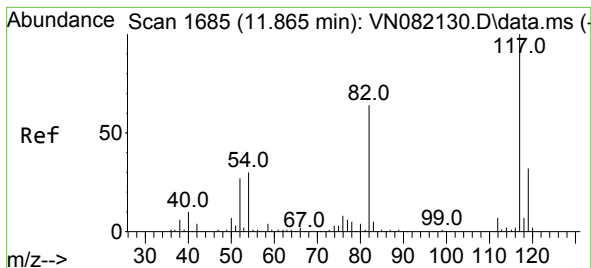
Tgt Ion: 98 Resp: 405341
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

Tgt Ion: 95 Resp: 136646
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.6
176 74.9 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: VN082366.D

Acq: 29 May 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

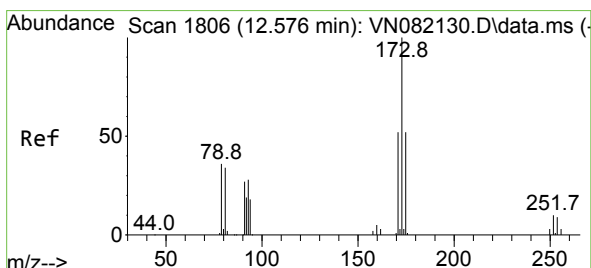
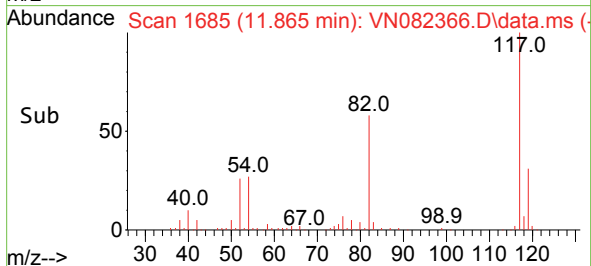
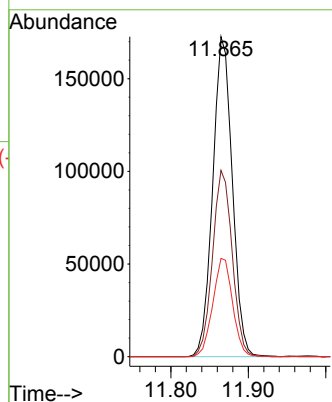
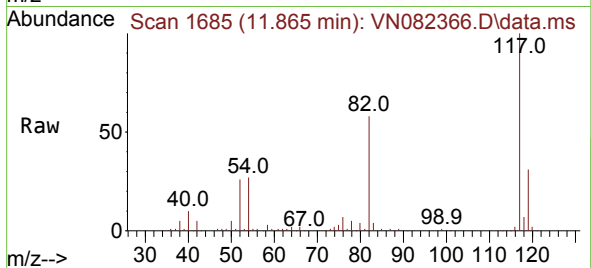
Tgt Ion:117 Resp: 302964

Ion Ratio Lower Upper

117 100

82 58.2 44.6 66.8

119 30.7 25.9 38.9



#71

Bromoform

Concen: 0.731 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082366.D

Acq: 29 May 2024 12:39

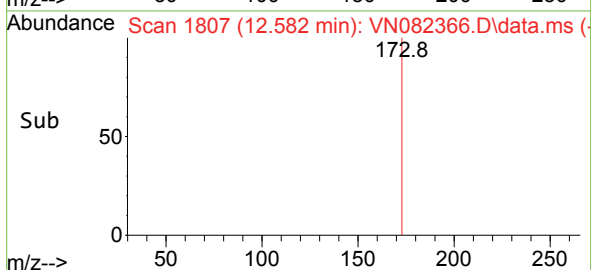
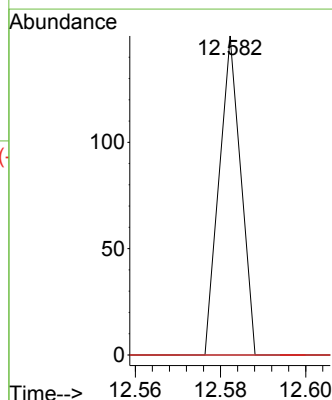
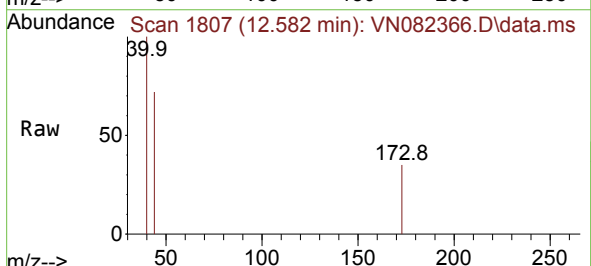
Tgt Ion:173 Resp: 53

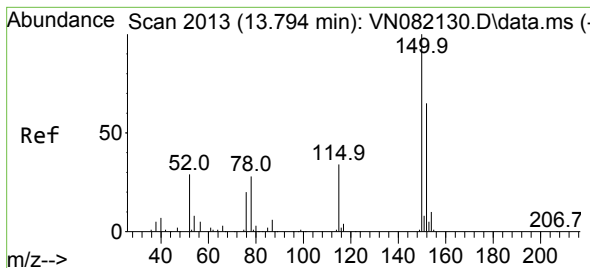
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min MSVOA_N

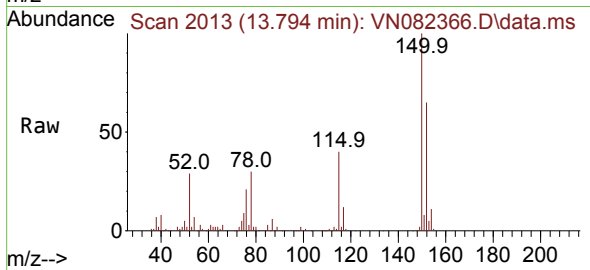
Lab File: VN082366.D

Acq: 29 May 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :



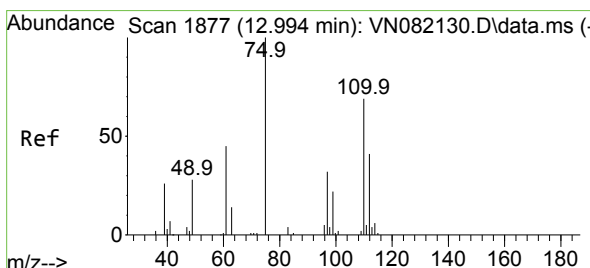
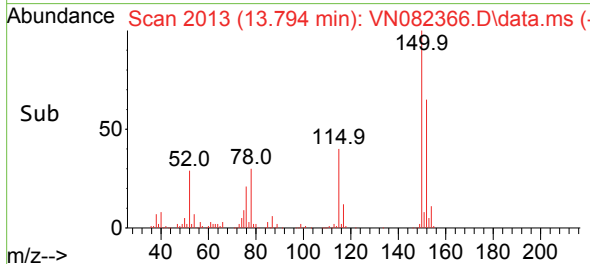
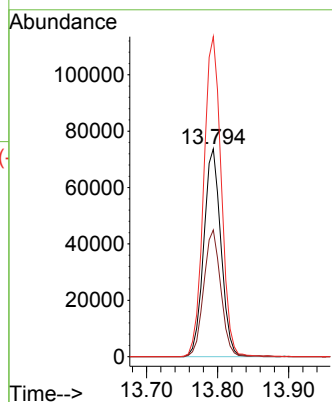
Tgt Ion:152 Resp: 124135

Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.3

150 157.1 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 31.432 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082366.D

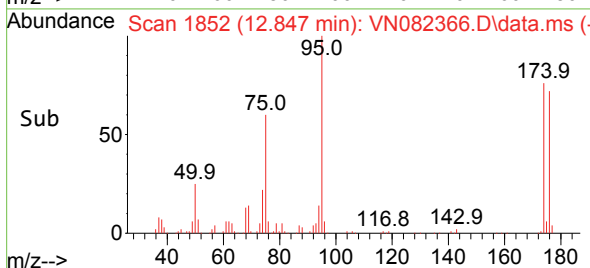
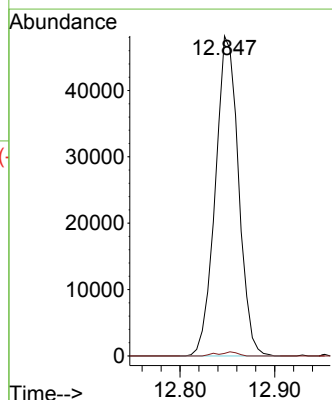
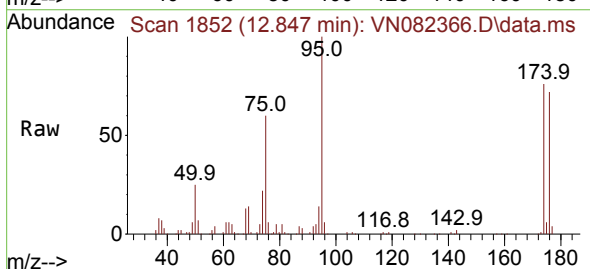
Acq: 29 May 2024 12:39

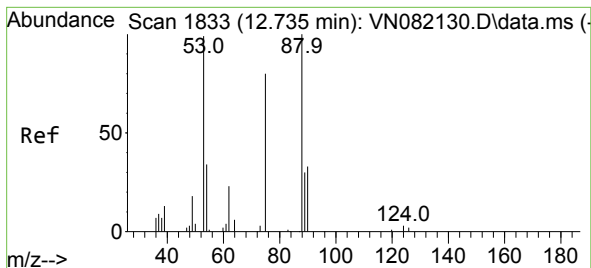
Tgt Ion: 75 Resp: 82123

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#

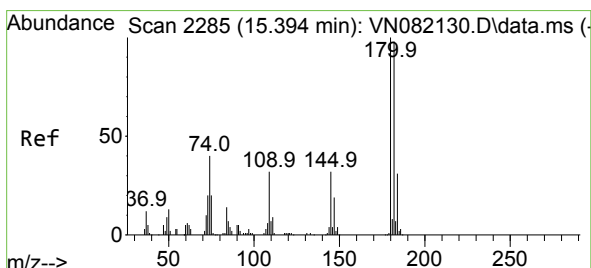
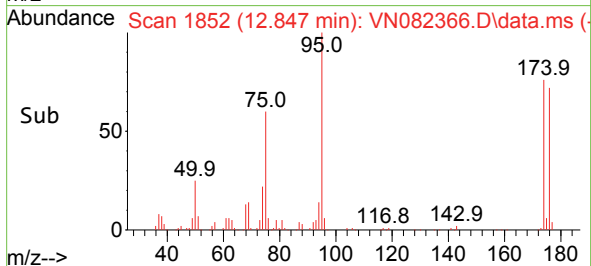
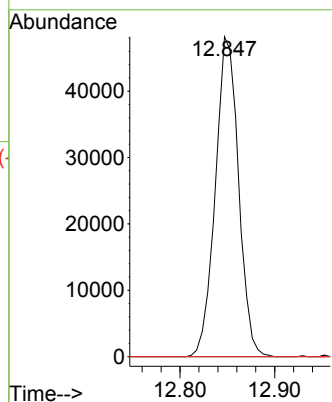
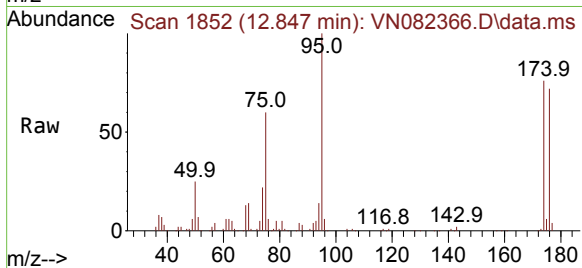




#81
trans-1,4-Dichloro-2-butene
Concen: 73.517 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

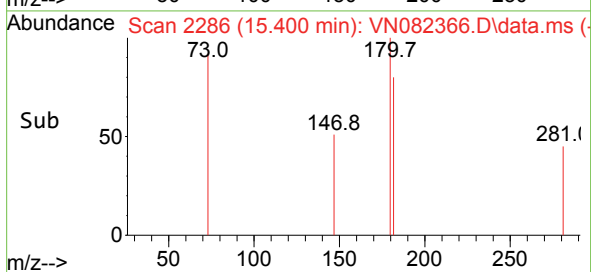
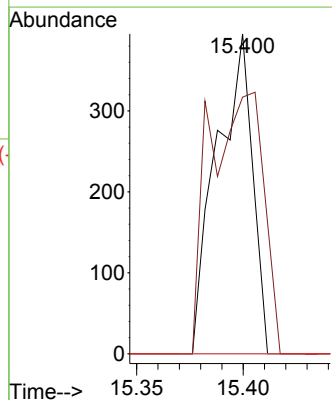
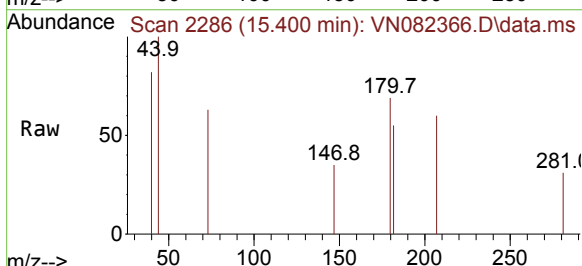
Instrument :
MSVOA_N
ClientSampleId :

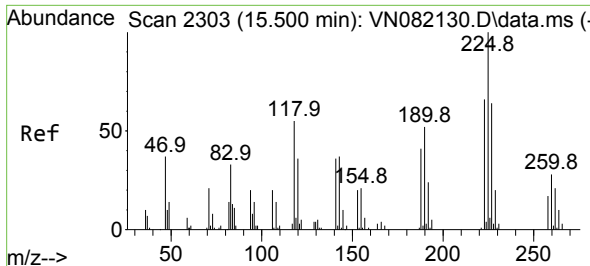
Tgt Ion: 75 Resp: 82123
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

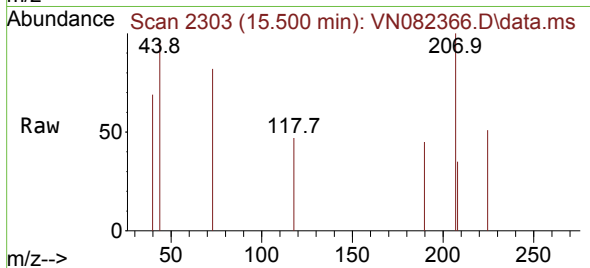
Tgt Ion:180 Resp: 460
Ion Ratio Lower Upper
180 100
182 123.5 46.7 140.0
145 0.0 16.2 48.6#



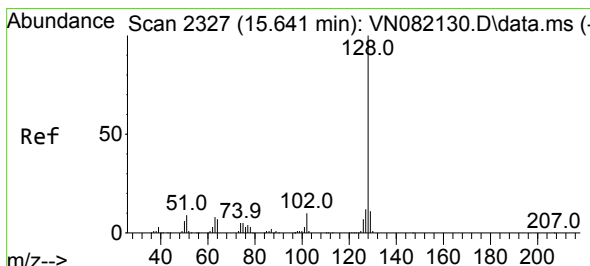
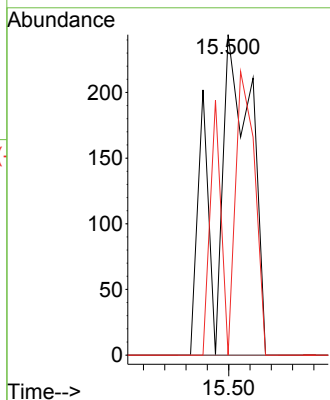
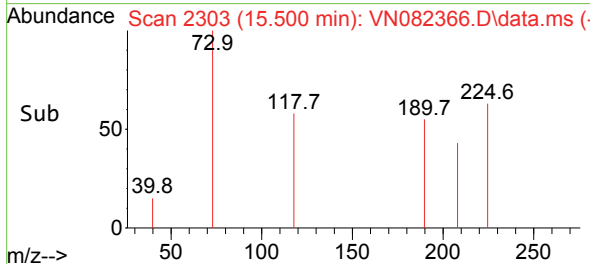


#94
Hexachlorobutadiene
Concen: 0.293 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39

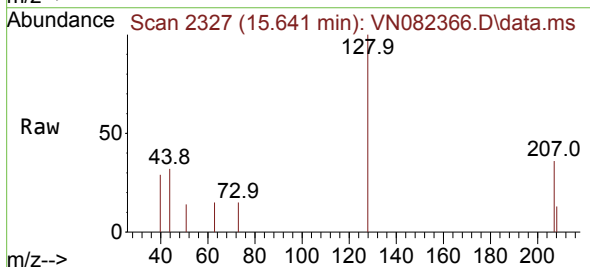
Instrument :
MSVOA_N
ClientSampleId :



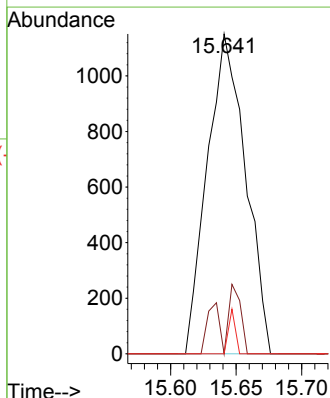
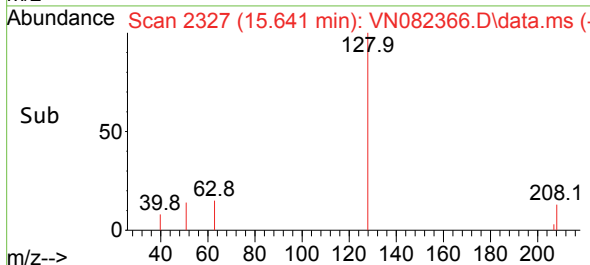
Tgt Ion:225 Resp: 290
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 70.0 30.6 91.6

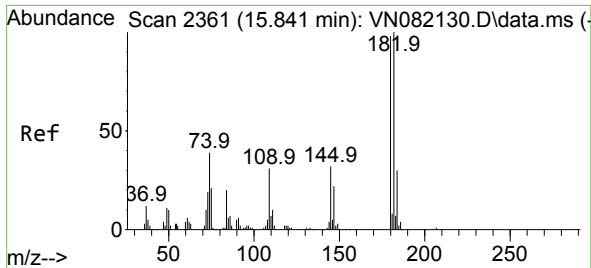


#95
Naphthalene
Concen: 0.330 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082366.D
Acq: 29 May 2024 12:39



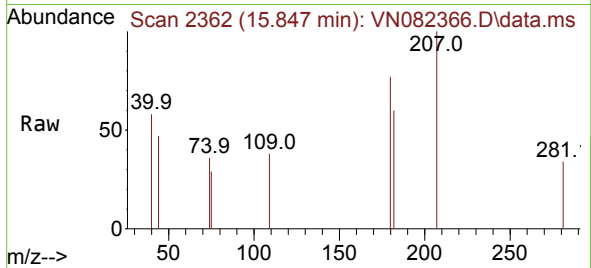
Tgt Ion:128 Resp: 2338
Ion Ratio Lower Upper
128 100
127 6.7 10.1 15.1#
129 2.4 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.329 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN082366.D
 Acq: 29 May 2024 12:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	46.0	137.8
145	8.2	17.1	51.3#

