

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082421.D
 Acq On : 31 May 2024 20:24
 Operator : JC\MD
 Sample : P2694-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-053124

Quant Time: May 31 23:04:37 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)

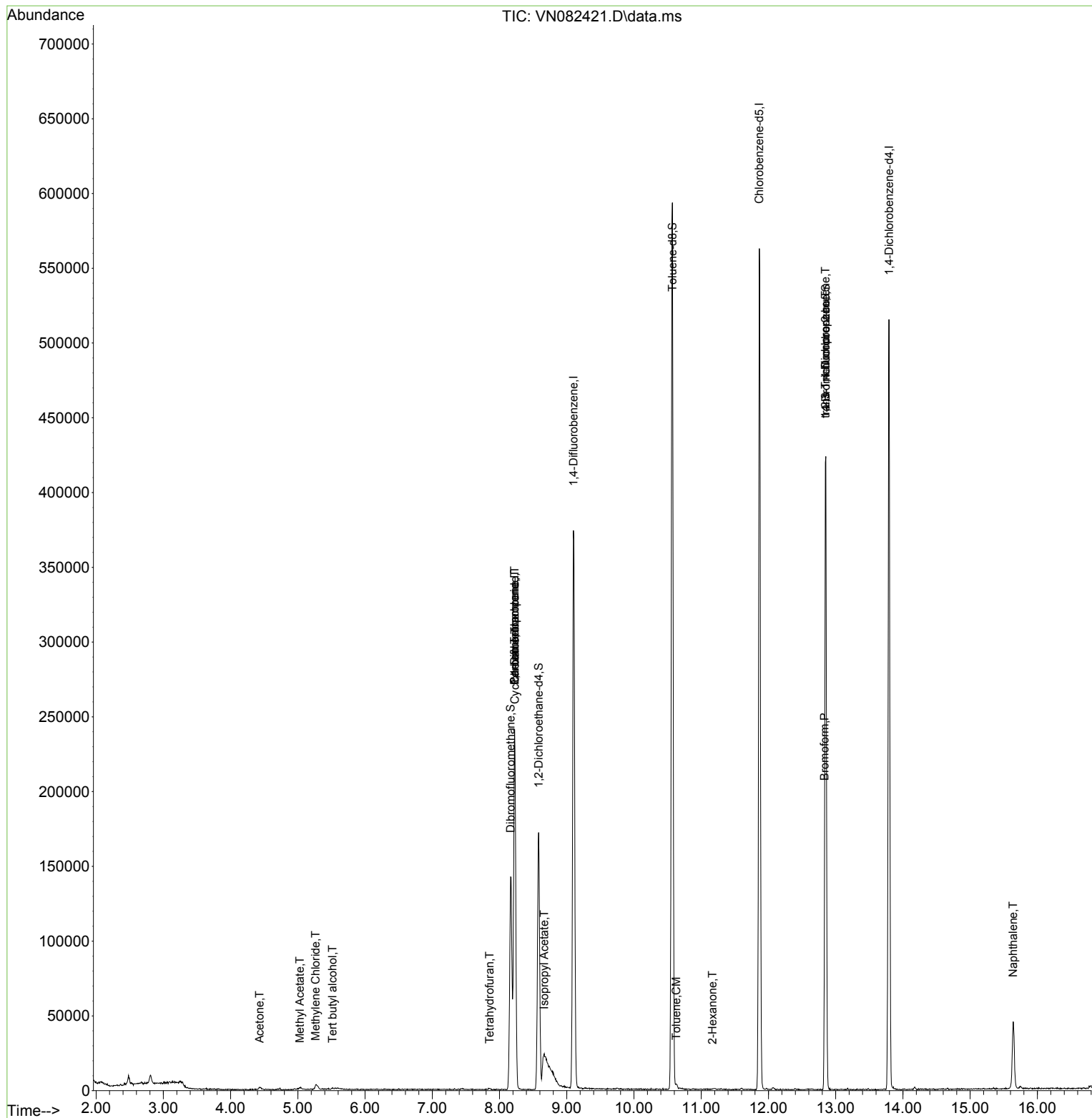
Internal Standards						
1) Pentafluorobenzene	8.224	168	167365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142196	53.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.620%		
35) Dibromofluoromethane	8.165	113	99437	52.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.660%		
50) Toluene-d8	10.570	98	389463	53.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 107.940%		
62) 4-Bromofluorobenzene	12.853	95	135388	52.561	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 105.120%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	729	1.718	ug/l #	71
16) Acetone	4.430	43	3387	3.124	ug/l #	73
18) Methyl Acetate	5.030	43	1395	0.517	ug/l	98
20) Methylene Chloride	5.265	84	1054	0.482	ug/l #	84
29) Tetrahydrofuran	7.853	42	758	0.718	ug/l #	35
31) Cyclohexane	8.229	56	4951	1.173	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	15936	5.048	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18448	5.765	ug/l #	15
43) Isopropyl Acetate	8.665	43	53750	8.586	ug/l #	53
52) Toluene	10.629	92	1531	0.271	ug/l	89
59) 2-Hexanone	11.170	43	778	0.299	ug/l #	23
71) Bromoform	12.835	173	288	0.867	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	80667	29.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80667	69.802	ug/l #	12
95) Naphthalene	15.641	128	45350	6.192	ug/l	98

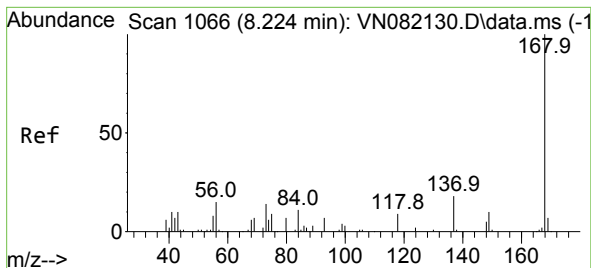
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082421.D

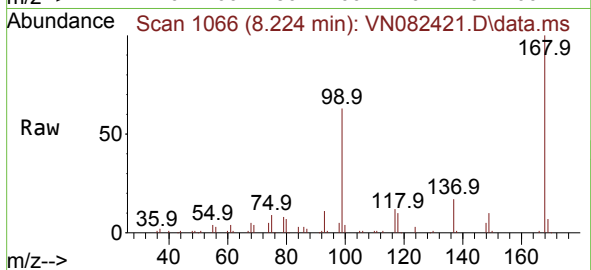
Acq: 31 May 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

EB-01-053124

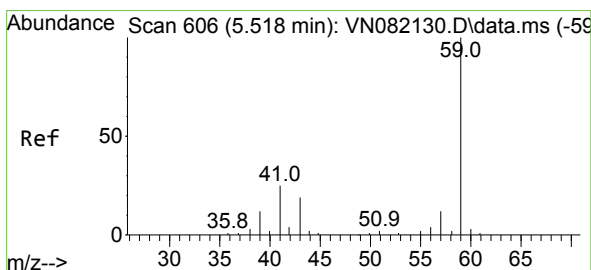
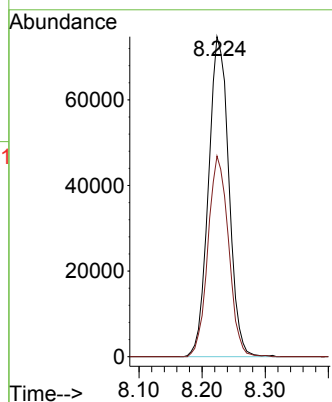
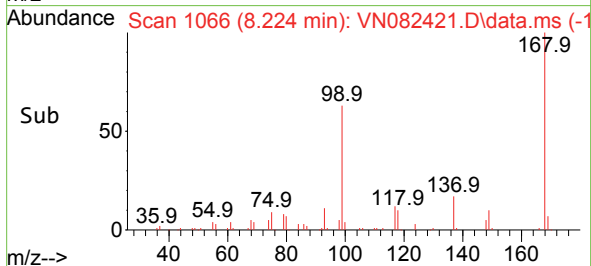


Tgt Ion:168 Resp: 167365

Ion Ratio Lower Upper

168 100

99 62.7 48.2 72.4



#11

Tert butyl alcohol

Concen: 1.718 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.000 min

Lab File: VN082421.D

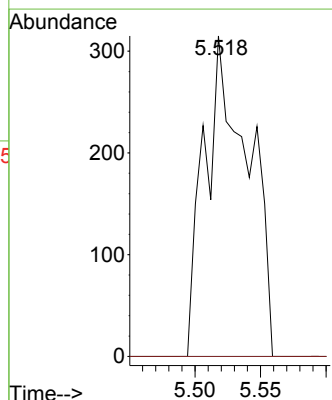
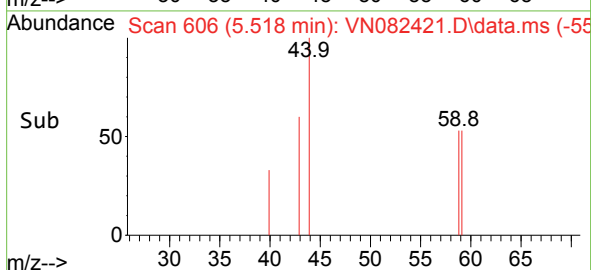
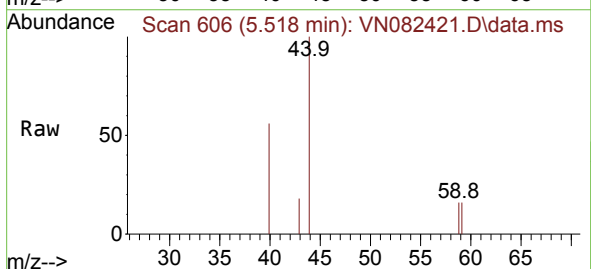
Acq: 31 May 2024 20:24

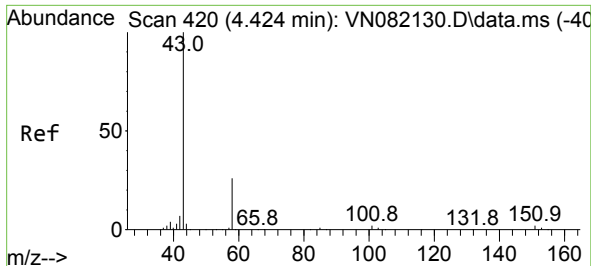
Tgt Ion: 59 Resp: 729

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#

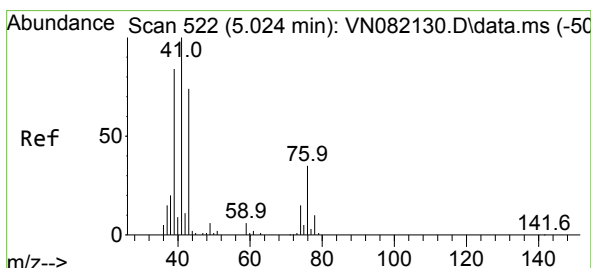
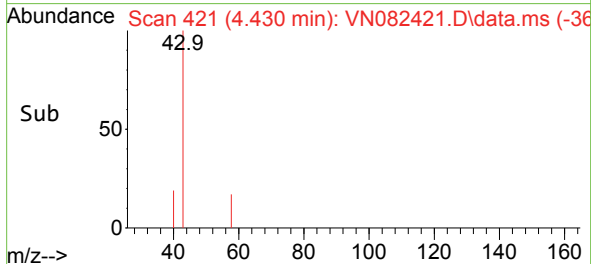
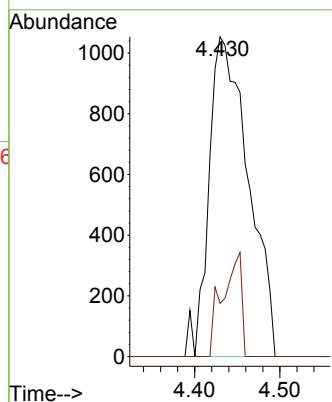
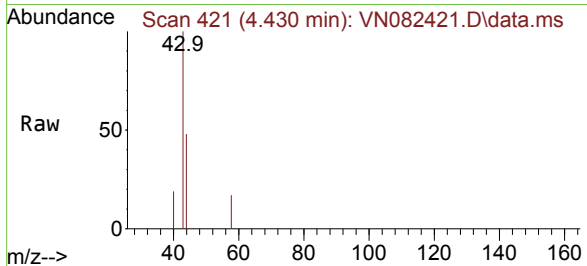




#16
Acetone
Concen: 3.124 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

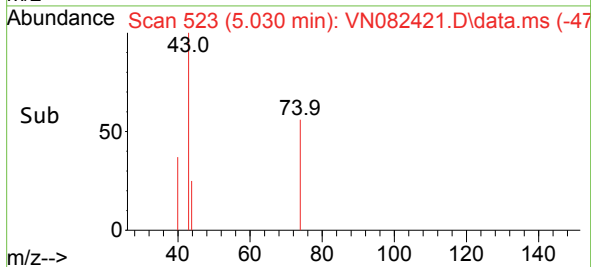
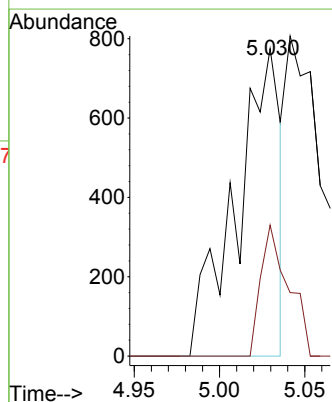
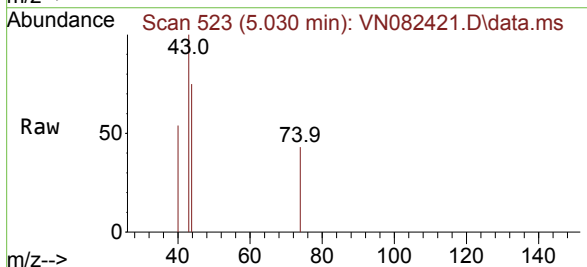
Instrument :
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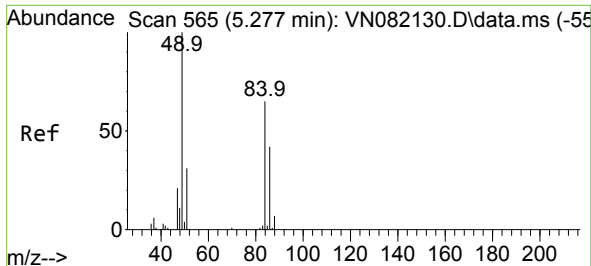
Tgt Ion: 43 Resp: 3387
Ion Ratio Lower Upper
43 100
58 16.6 25.2 37.8#



#18
Methyl Acetate
Concen: 0.517 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

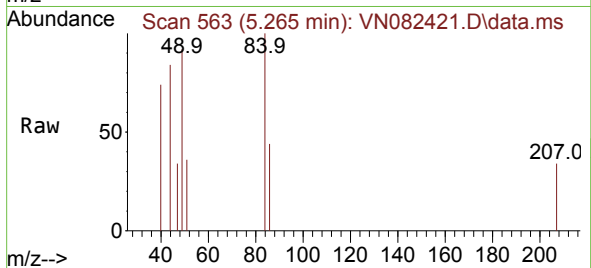
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.2



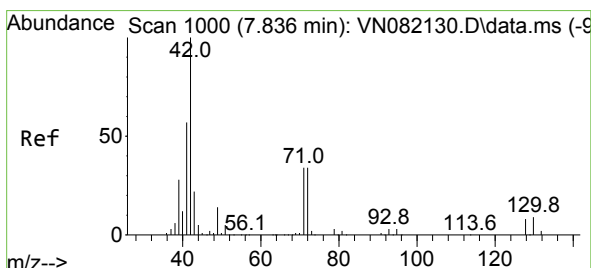
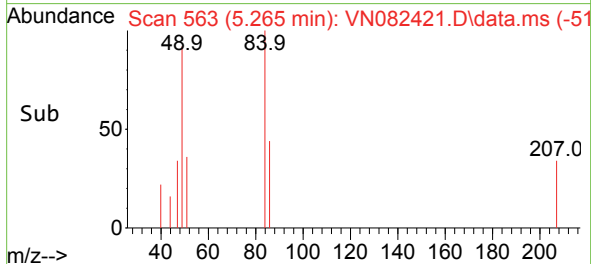
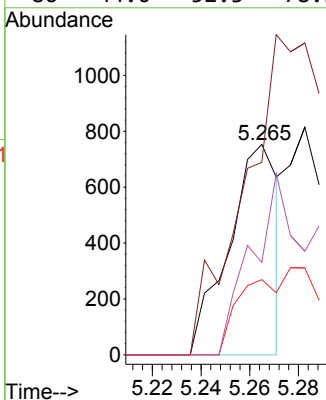


#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124

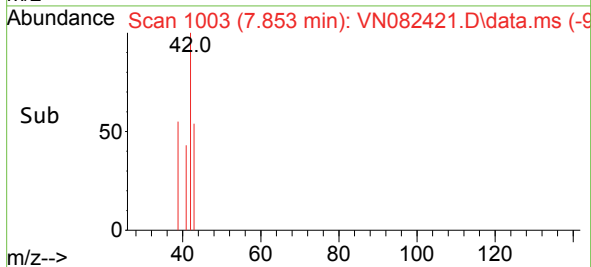
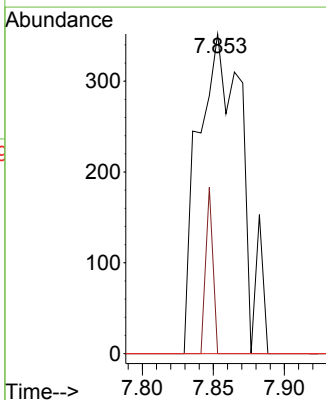
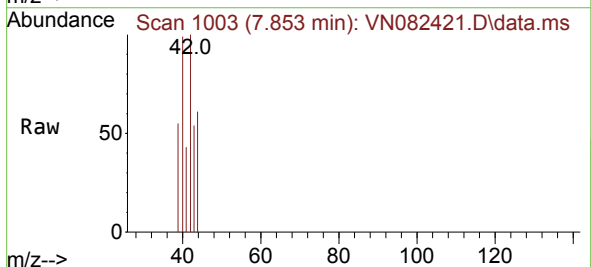


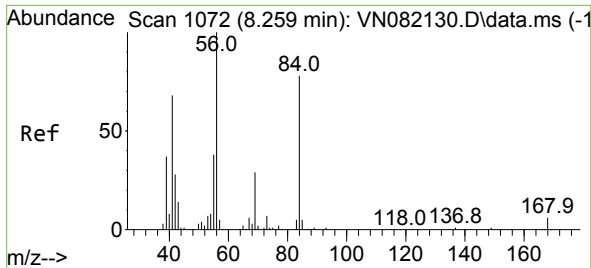
Tgt Ion:	84	Resp:	1054
Ion	Ratio	Lower	Upper
84	100		
49	91.5	84.9	127.3
51	35.7	27.0	40.6
86	44.0	52.3	78.5#



#29
Tetrahydrofuran
Concen: 0.718 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.017 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion:	42	Resp:	758
Ion	Ratio	Lower	Upper
42	100		
72	8.6	39.3	58.9#
71	0.0	37.4	56.0#

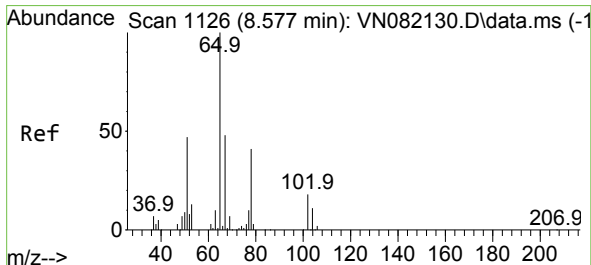
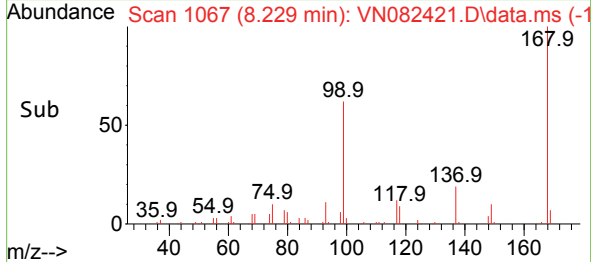
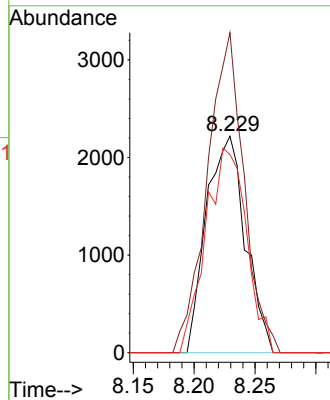
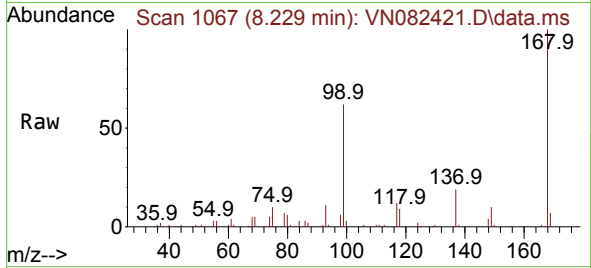




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

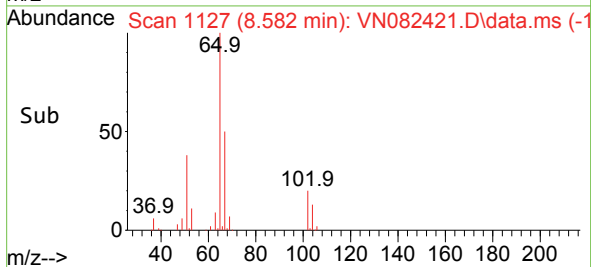
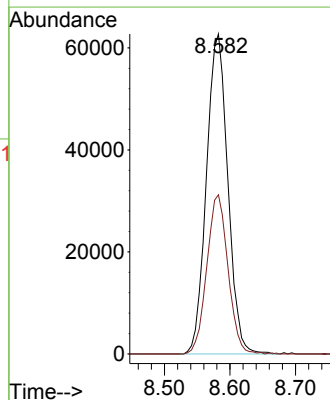
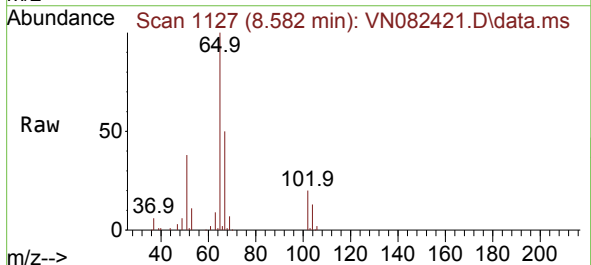
Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124

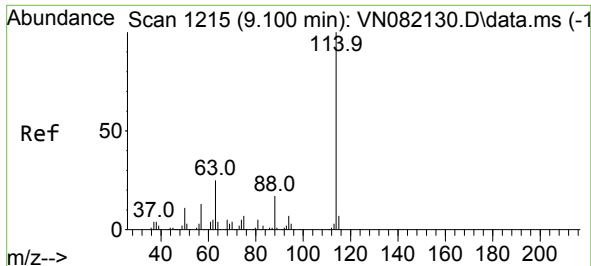
Tgt Ion: 56 Resp: 4951
Ion Ratio Lower Upper
56 100
69 147.8 24.4 36.6#
84 91.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.806 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion: 65 Resp: 142196
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# 1

Delta R.T. -0.000 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

EB-01-053124

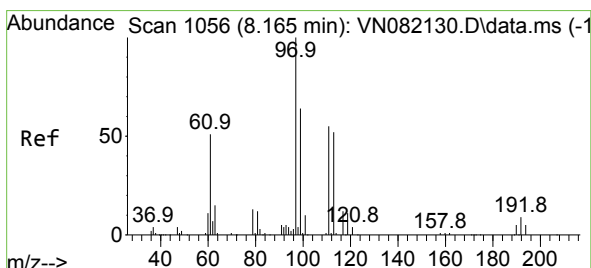
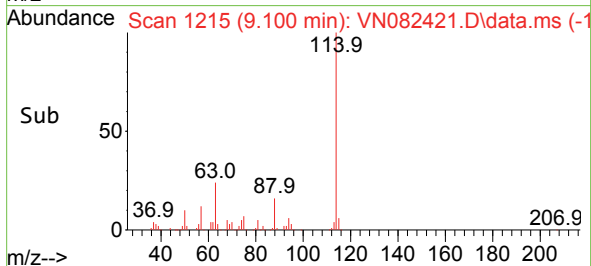
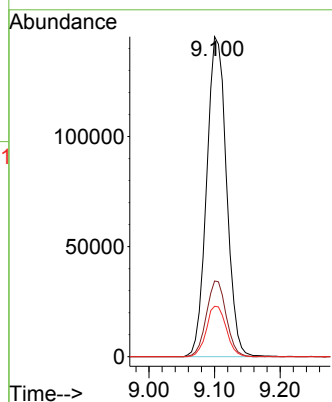
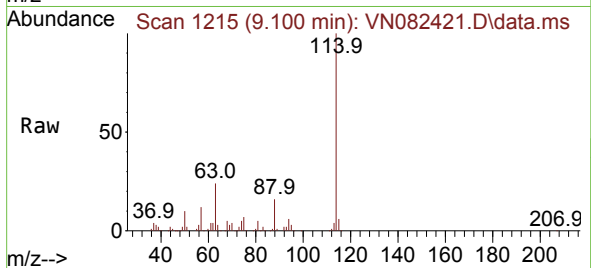
Tgt Ion:114 Resp: 305993

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.827 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

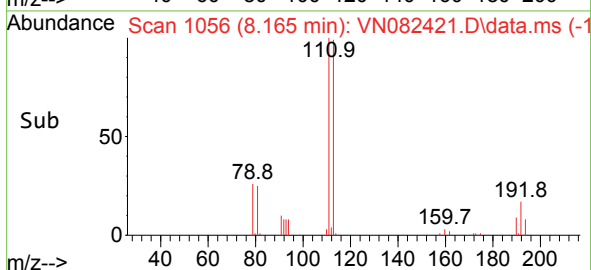
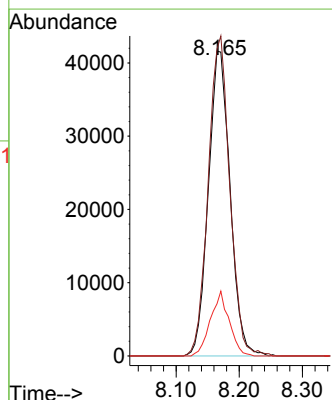
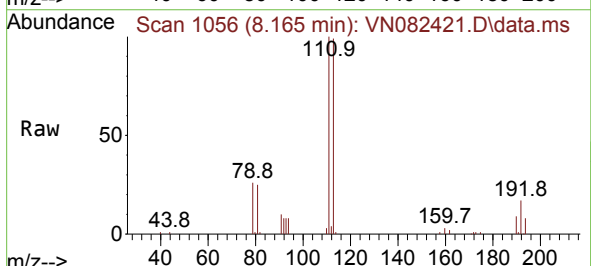
Tgt Ion:113 Resp: 99437

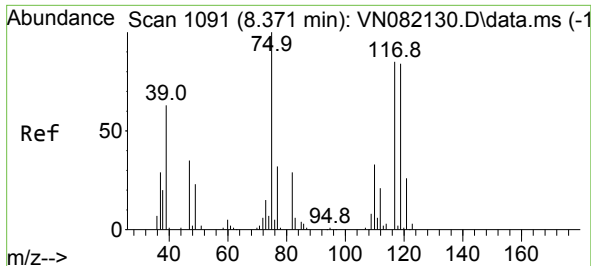
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 18.4 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

EB-01-053124

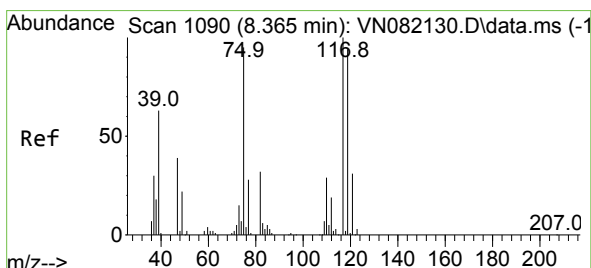
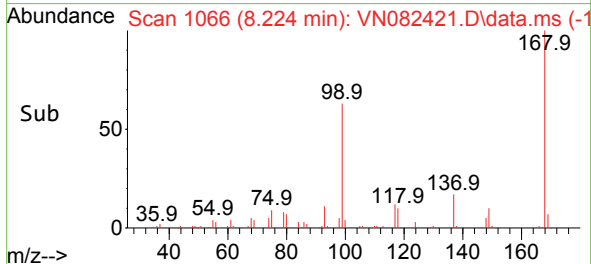
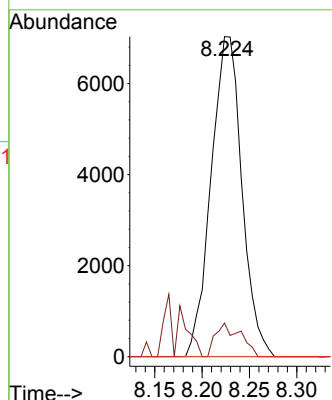
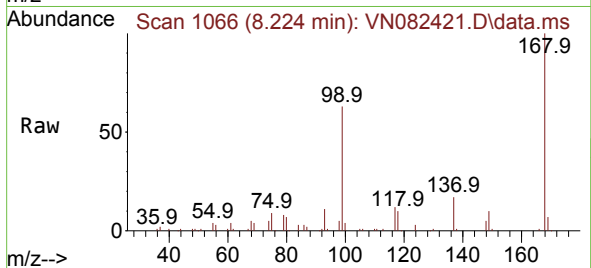
Tgt Ion: 75 Resp: 15936

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.765 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

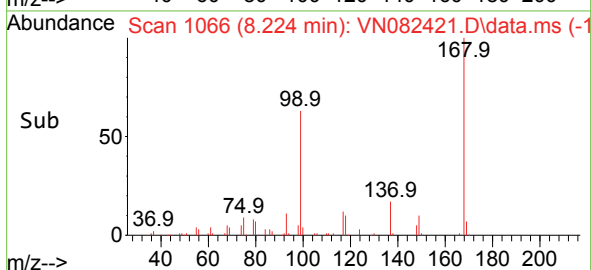
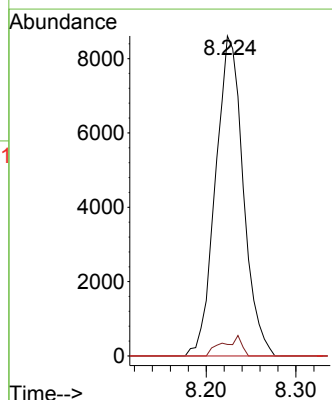
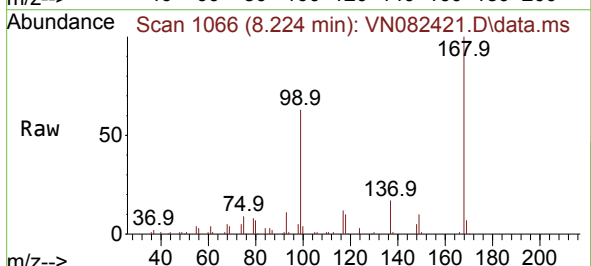
Tgt Ion: 117 Resp: 18448

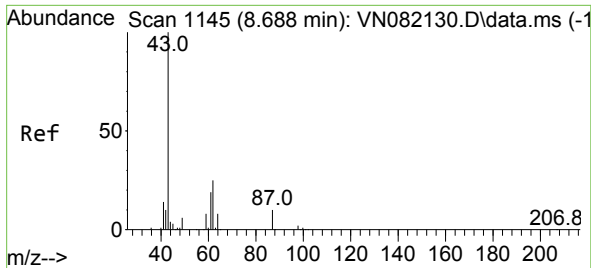
Ion Ratio Lower Upper

117 100

119 3.6 76.5 114.7#

121 0.0 23.9 35.9#

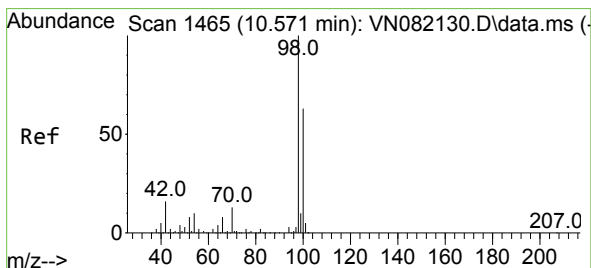
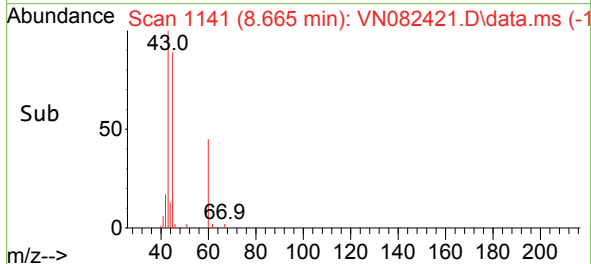
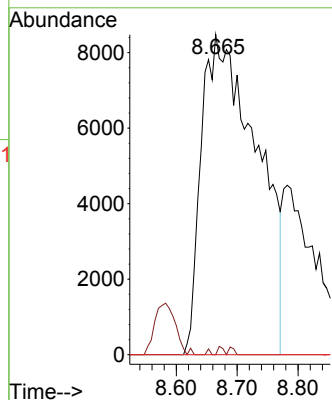
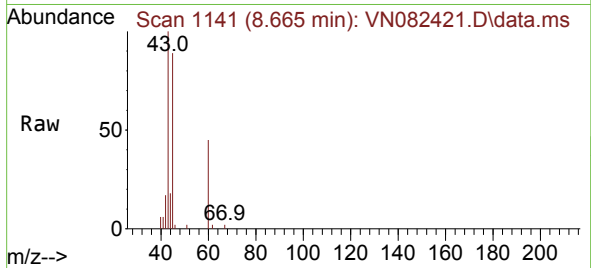




#43
Isopropyl Acetate
Concen: 8.586 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

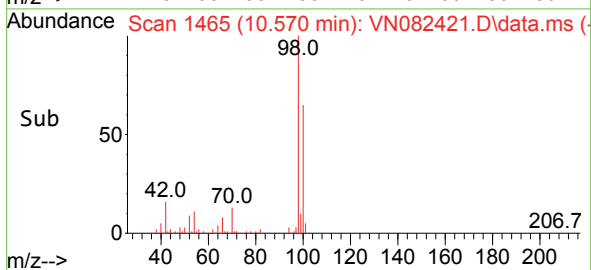
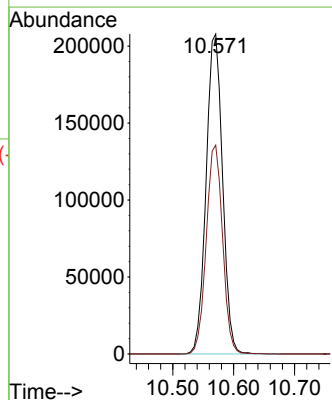
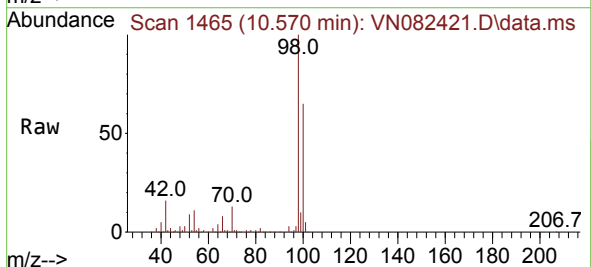
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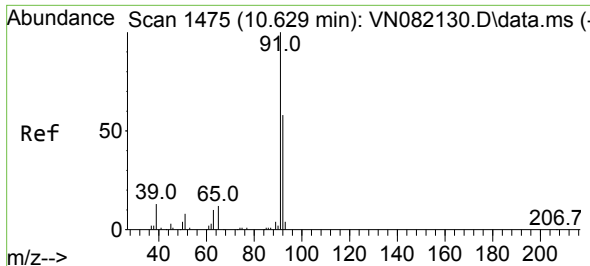
Tgt Ion: 43 Resp: 53750
Ion Ratio Lower Upper
43 100
61 0.3 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.967 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion: 98 Resp: 389463
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

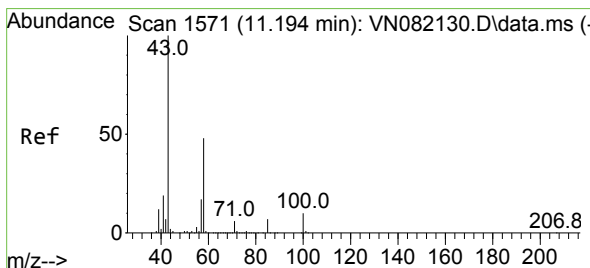
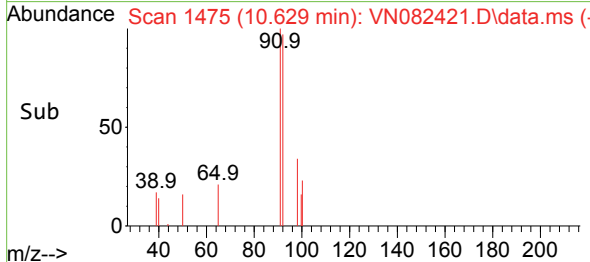
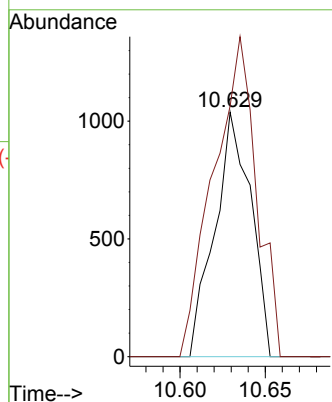
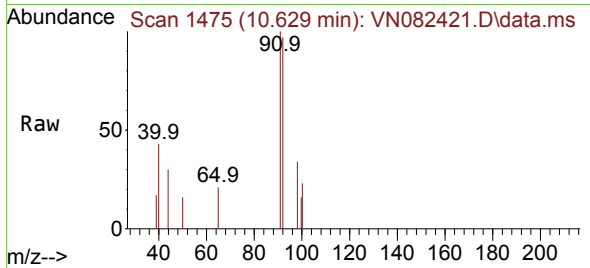




#52
Toluene
Concen: 0.271 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

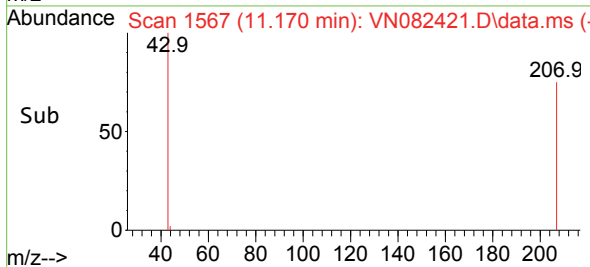
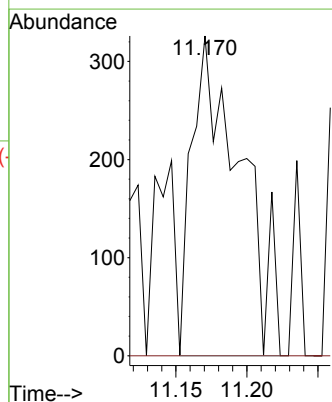
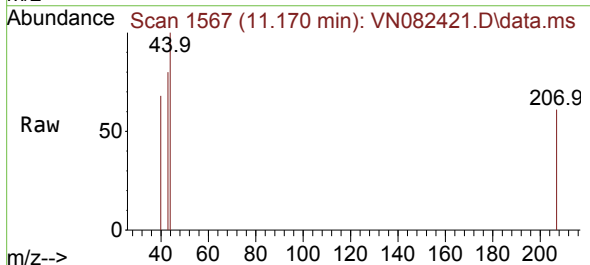
Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124

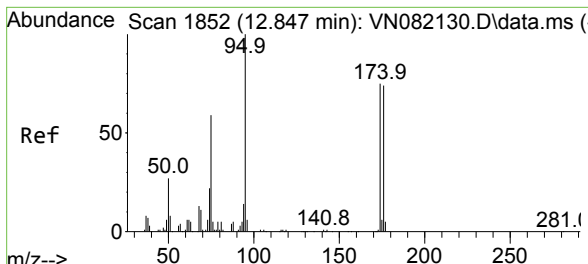
Tgt Ion: 92 Resp: 1531
Ion Ratio Lower Upper
92 100
91 155.5 136.7 205.1



#59
2-Hexanone
Concen: 0.299 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

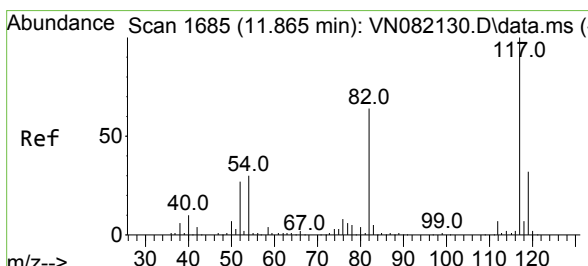
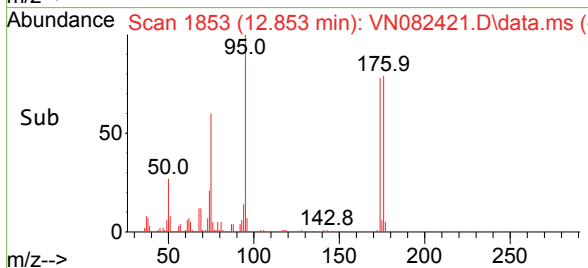
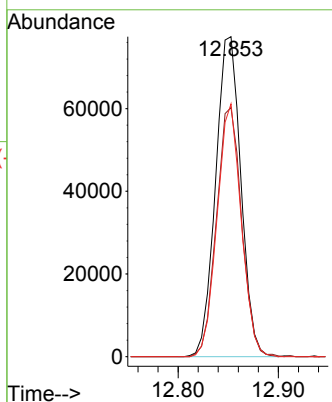
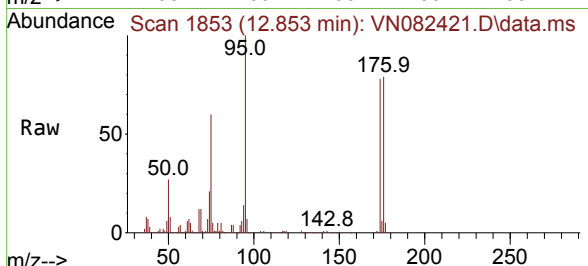




#62
4-Bromofluorobenzene
Concen: 52.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

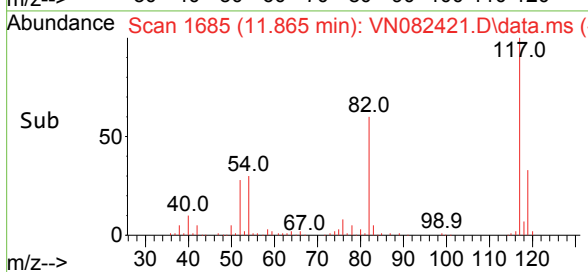
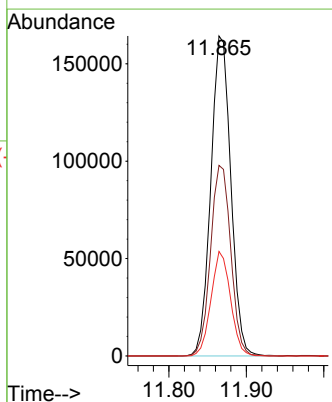
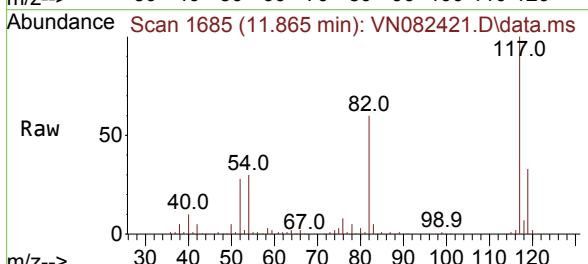
Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124

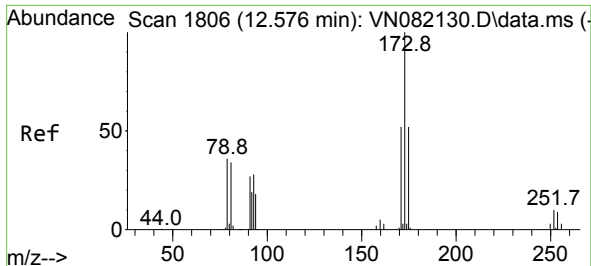
Tgt Ion:	95	Resp:	135388
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	160.6
176	75.3	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion:	117	Resp:	295258
Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.6	66.8
119	32.6	25.9	38.9

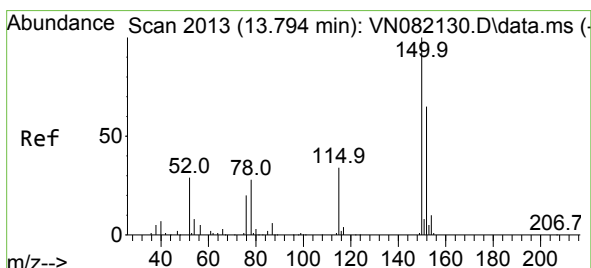
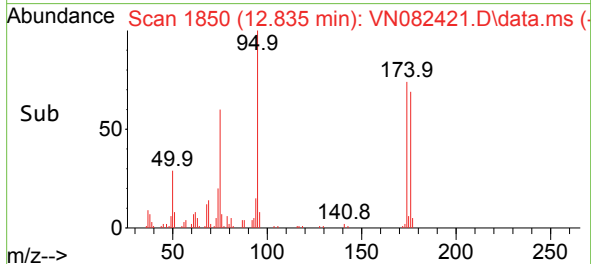
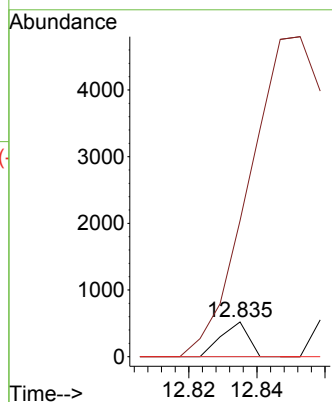
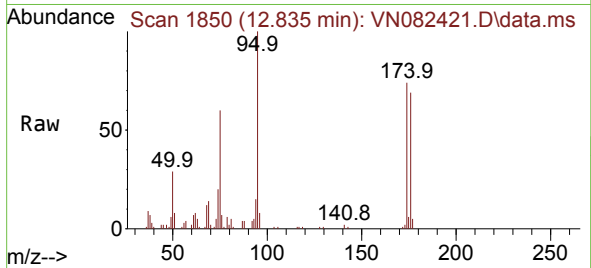




#71
Bromoform
Concen: 0.867 ug/l
RT: 12.835 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

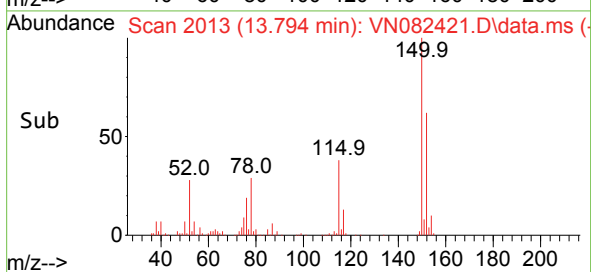
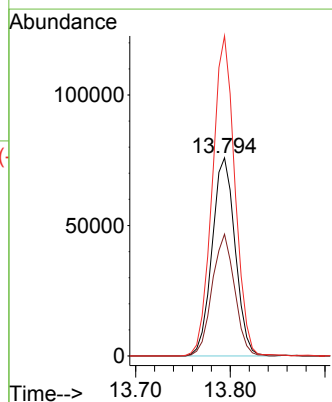
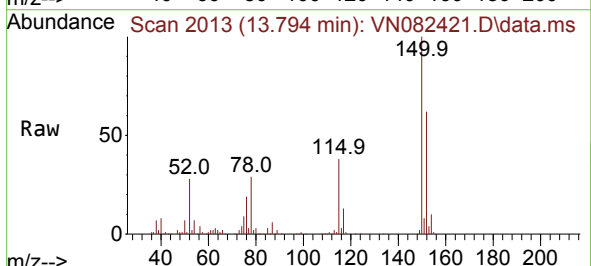
Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124

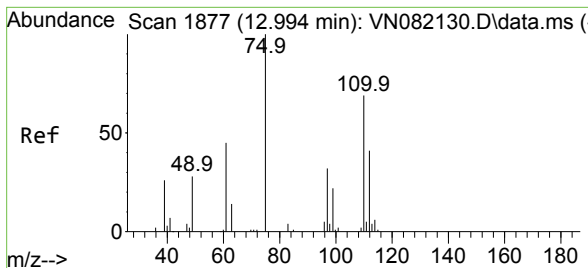
Tgt Ion:173 Resp: 288
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Tgt Ion:152 Resp: 128424
Ion Ratio Lower Upper
152 100
115 59.8 30.4 91.3
150 157.9 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.843 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

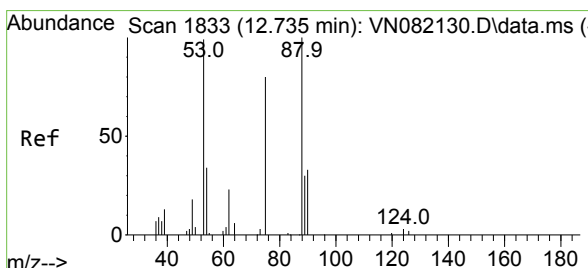
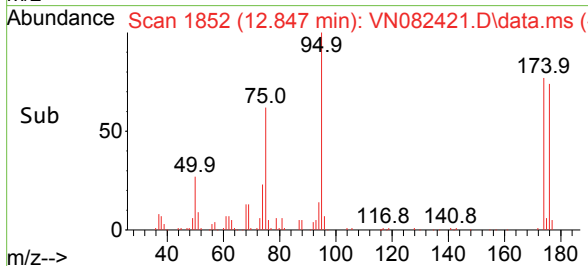
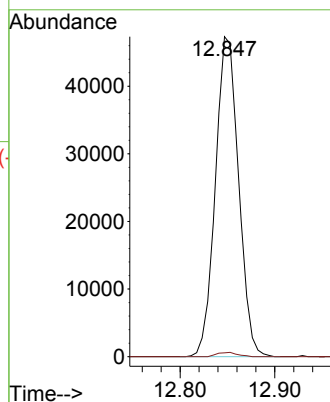
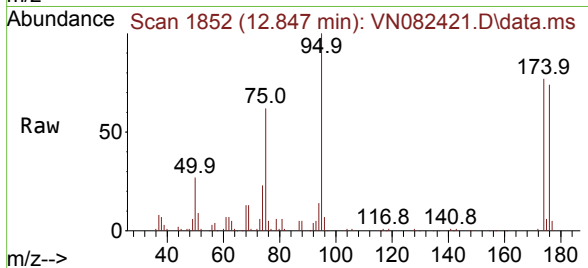
EB-01-053124

Tgt Ion: 75 Resp: 80667

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.802 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082421.D

Acq: 31 May 2024 20:24

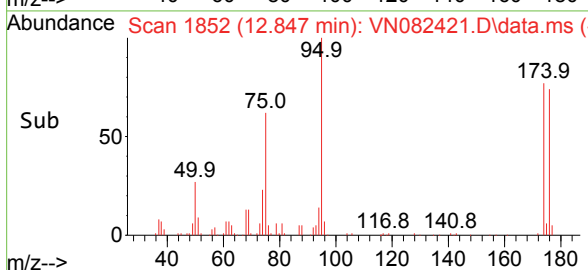
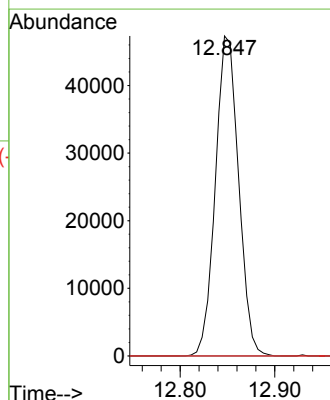
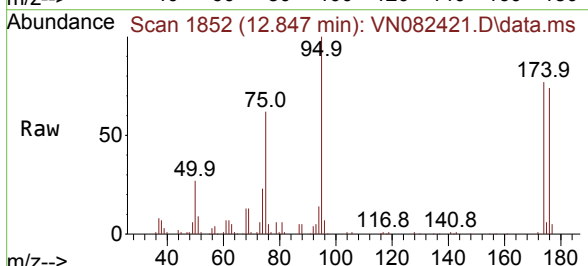
Tgt Ion: 75 Resp: 80667

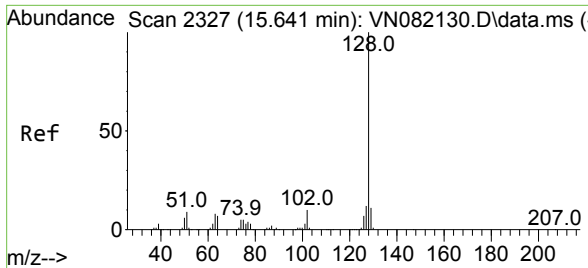
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

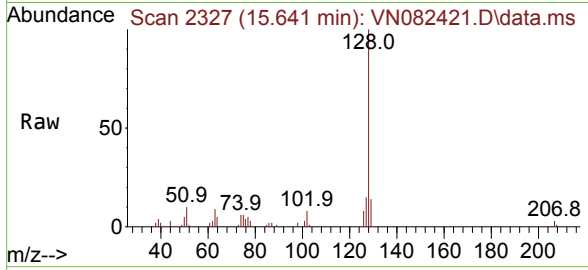
89 0.0 39.1 58.7#





#95
Naphthalene
Concen: 6.192 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082421.D
Acq: 31 May 2024 20:24

Instrument :
MSVOA_N
ClientSampleId :
EB-01-053124



Tgt Ion:	128	Resp:	45350
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.7	8.9	13.3

