

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082947.D
 Acq On : 16 Jul 2024 20:04
 Operator : JC\MD
 Sample : P3246-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

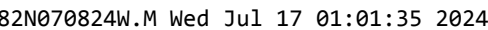
Quant Time: Jul 17 01:01:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

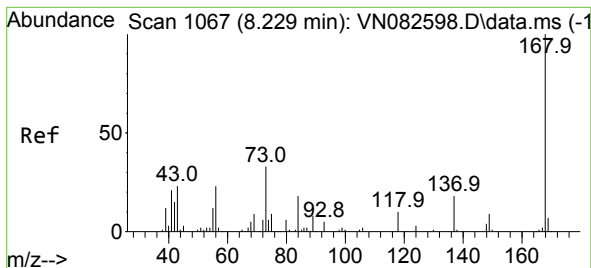
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	92117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	203199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	214942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	75687	58.613	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.220%			
35) Dibromofluoromethane	8.171	113	61522	47.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.360%			
50) Toluene-d8	10.571	98	231977	48.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.340%			
62) 4-Bromofluorobenzene	12.853	95	73114	42.265	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.540%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	21935	48.248	ug/l	98
17) Carbon Disulfide	4.706	76	770	0.274	ug/l #	75
18) Methyl Acetate	5.036	43	1516	1.260	ug/l #	64
20) Methylene Chloride	5.283	84	6744	6.142	ug/l #	77
25) 2-Butanone	7.489	43	2690	3.919	ug/l #	88
31) Cyclohexane	8.230	56	2453	1.453	ug/l #	9
36) 1,1-Dichloropropene	8.230	75	8454	4.703	ug/l #	52
37) Ethyl Acetate	7.571	43	2346	1.282	ug/l #	72
38) Carbon Tetrachloride	8.230	117	10173	4.700	ug/l #	16
43) Isopropyl Acetate	8.694	43	97074	26.749	ug/l #	88
45) 1,2-Dichloropropane	9.747	63	1016	0.787	ug/l #	44
48) Methyl methacrylate	9.671	41	2866	1.997	ug/l #	50
51) 4-Methyl-2-Pentanone	10.453	43	3725	2.053	ug/l	99
54) cis-1,3-Dichloropropene	10.359	75	27642	12.198	ug/l #	59
56) Ethyl methacrylate	10.988	69	1346	0.681	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3685	1.639	ug/l #	43
59) 2-Hexanone	11.177	43	64601	47.888	ug/l #	28
71) Bromoform	12.853	173	746	0.579	ug/l #	1
74) N-amyl acetate	12.494	43	617	0.263	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	40299	29.921	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	40299	58.846	ug/l #	6

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

Quant Time: Jul 17 01:01:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

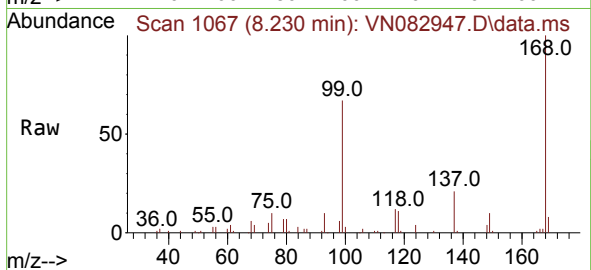
Lab File: VN082947.D

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MSVOA_N

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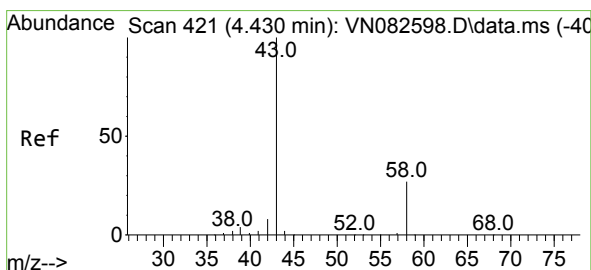
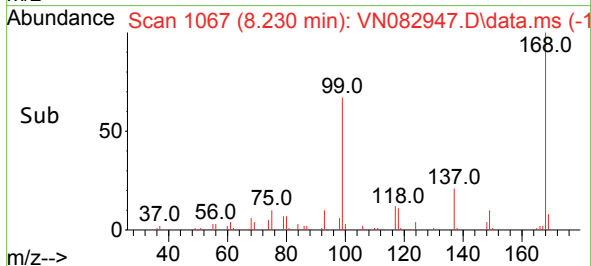
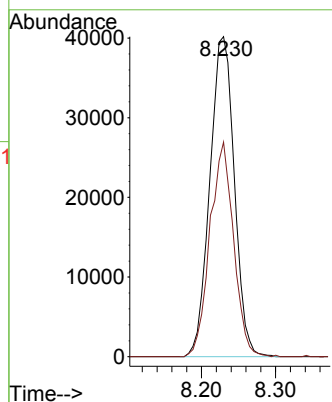


Tgt Ion:168 Resp: 92117

Ion Ratio Lower Upper

168 100

99 67.0 48.2 72.4



#16

Acetone

Concen: 48.248 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.006 min

Lab File: VN082947.D

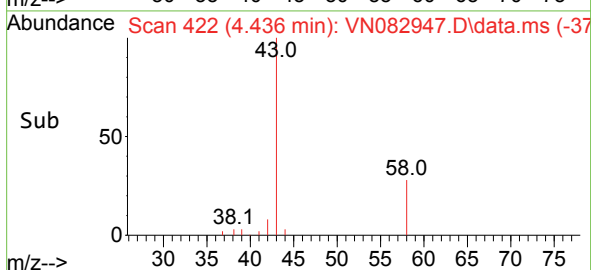
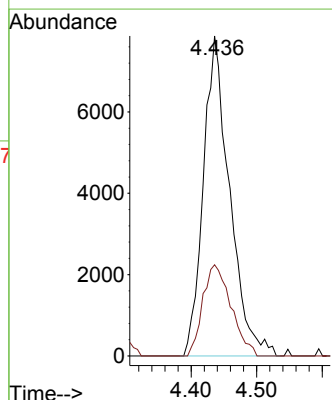
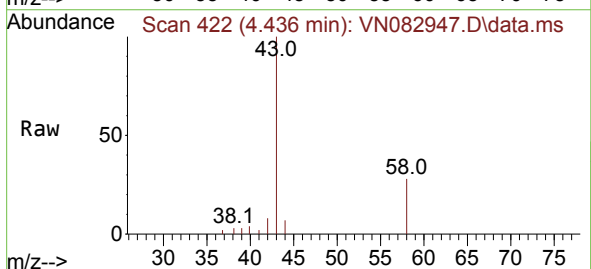
Acq: 16 Jul 2024 20:04

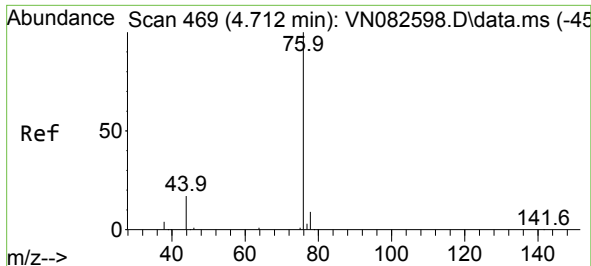
Tgt Ion: 43 Resp: 21935

Ion Ratio Lower Upper

43 100

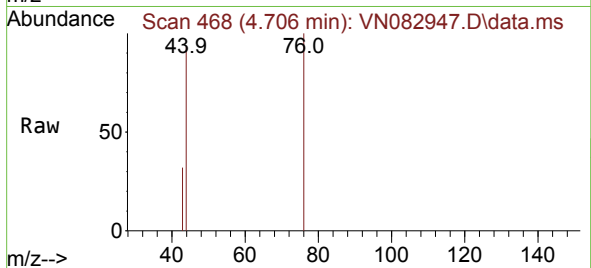
58 28.5 21.8 32.6



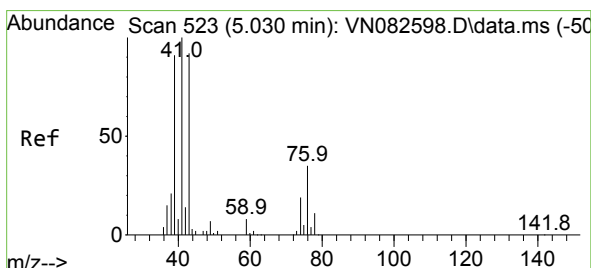
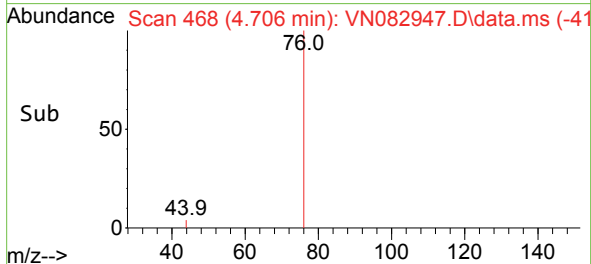
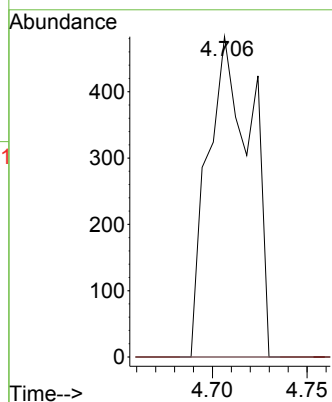


#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

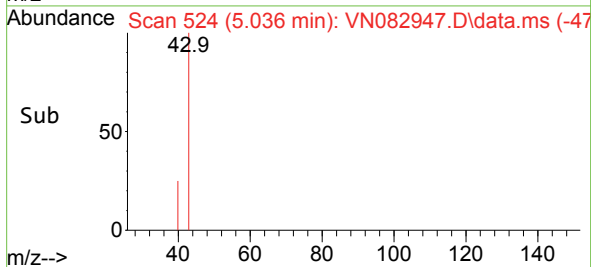
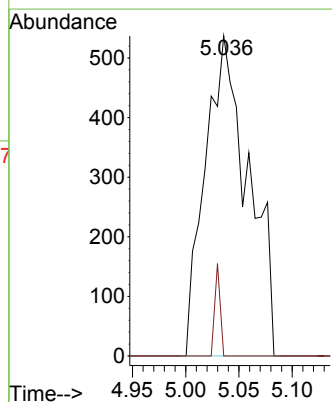
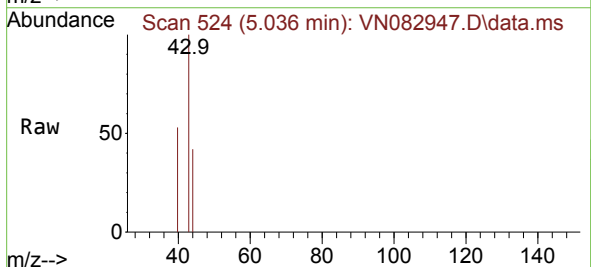


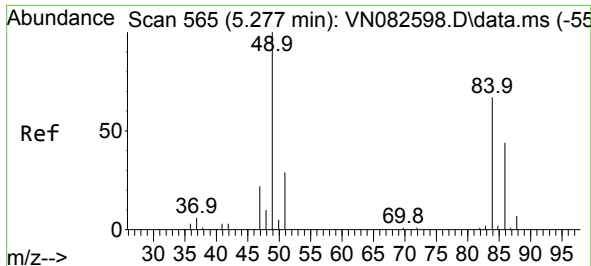
Tgt Ion: 76 Resp: 770
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.260 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

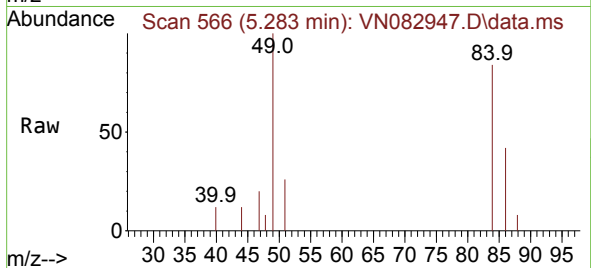
Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
74 3.6 16.3 24.5#



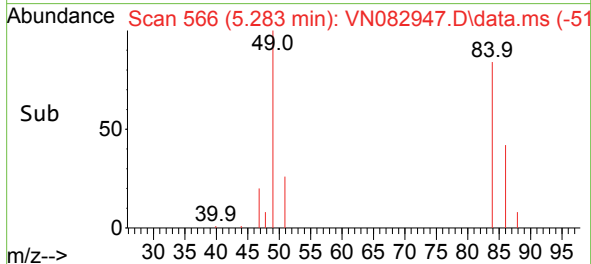
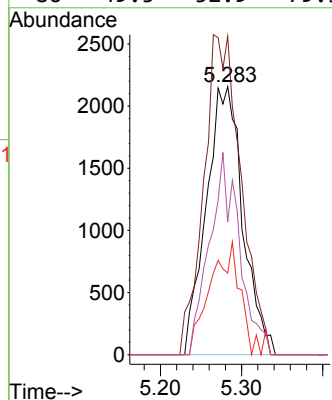


#20
Methylene Chloride
Concen: 6.142 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

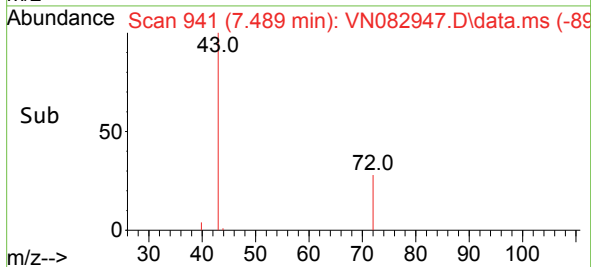
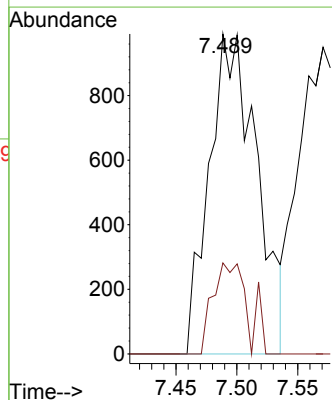
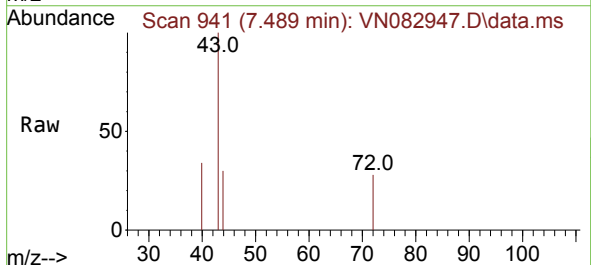


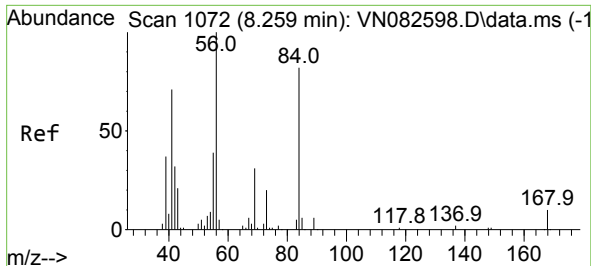
Tgt Ion:	84	Resp:	6744
Ion	Ratio	Lower	Upper
84	100		
49	118.7	119.6	179.4#
51	30.4	34.8	52.2#
86	49.5	52.9	79.3#



#25
2-Butanone
Concen: 3.919 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

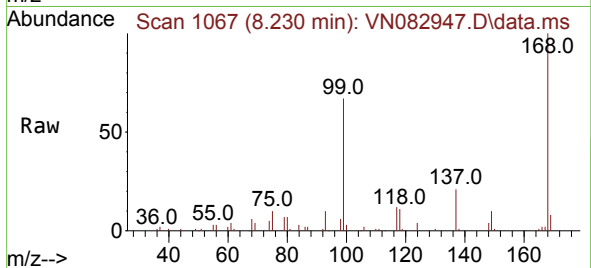
Tgt Ion:	43	Resp:	2690
Ion	Ratio	Lower	Upper
43	100		
72	28.5	18.2	27.2#



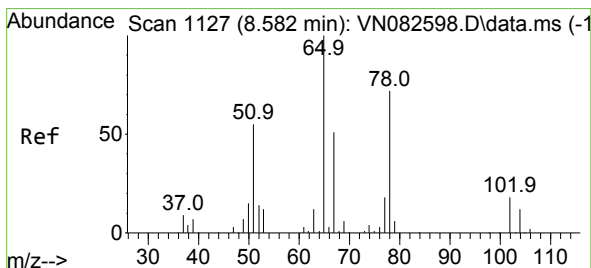
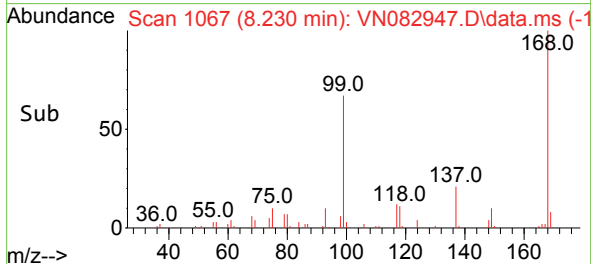
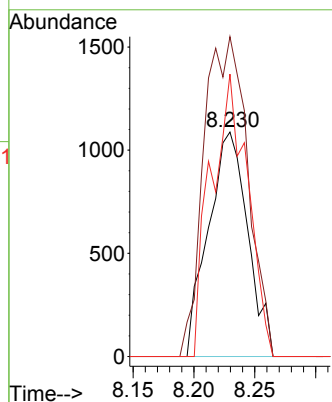


#31
Cyclohexane
Concen: 1.453 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

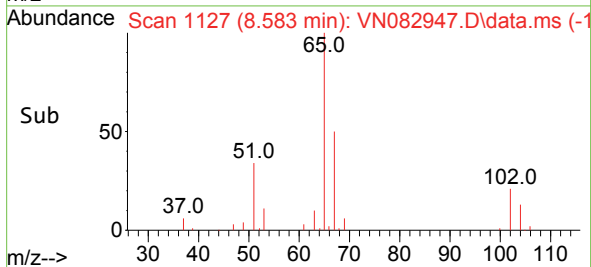
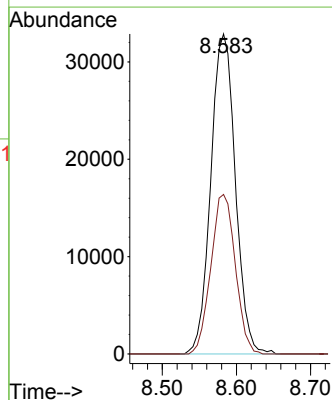
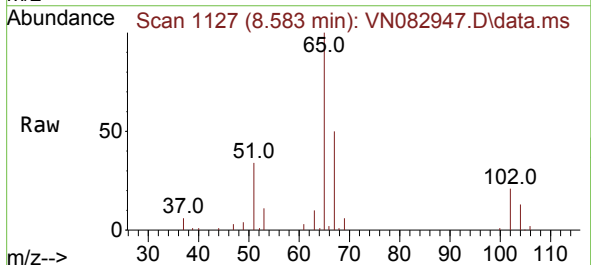


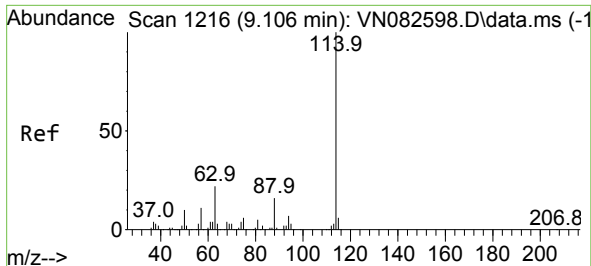
Tgt Ion: 56 Resp: 2453
Ion Ratio Lower Upper
56 100
69 142.5 24.5 36.7#
84 125.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.613 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

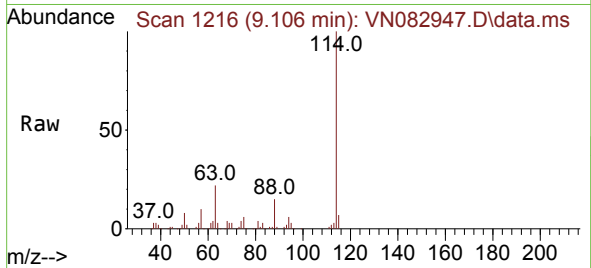
Tgt Ion: 65 Resp: 75687
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4



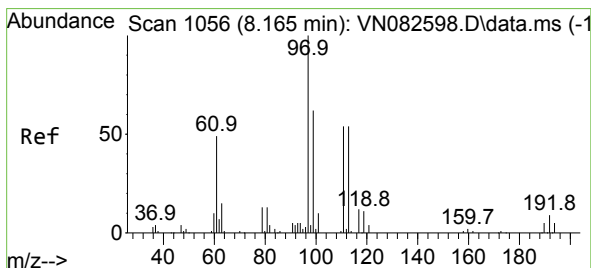
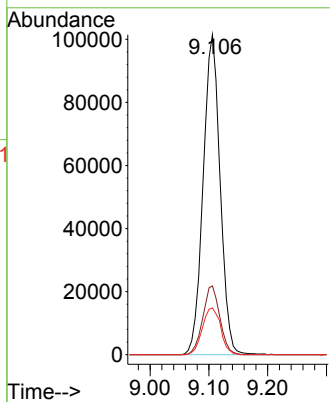
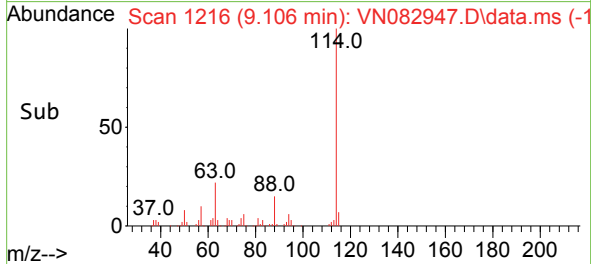


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

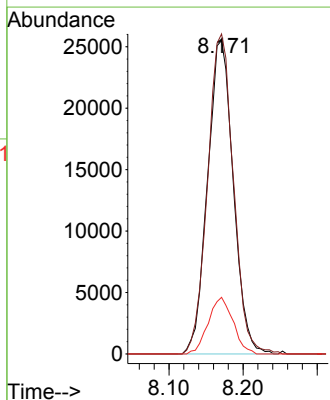
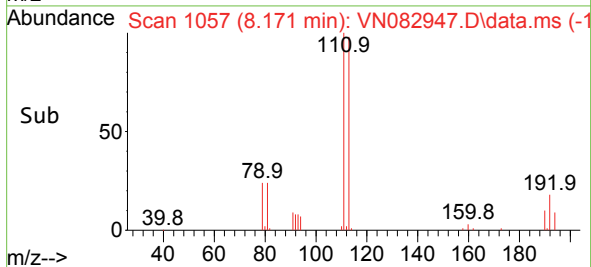
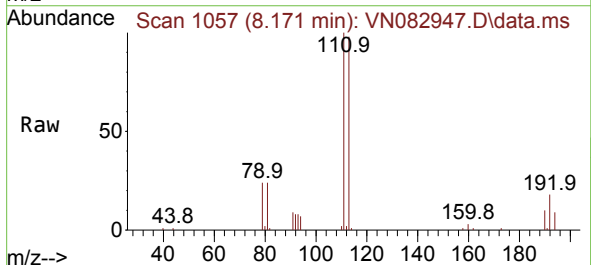


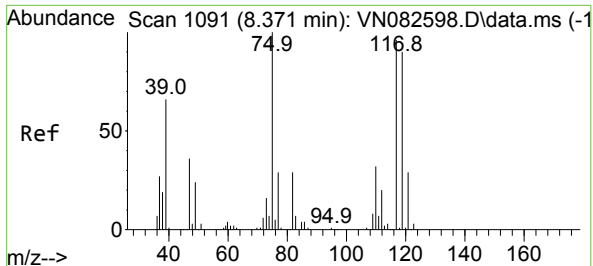
Tgt Ion:114 Resp: 203199
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 14.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.184 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Tgt Ion:113 Resp: 61522
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

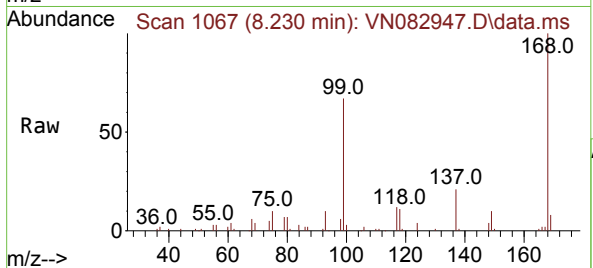
Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

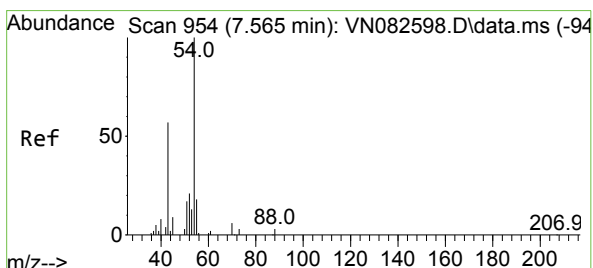
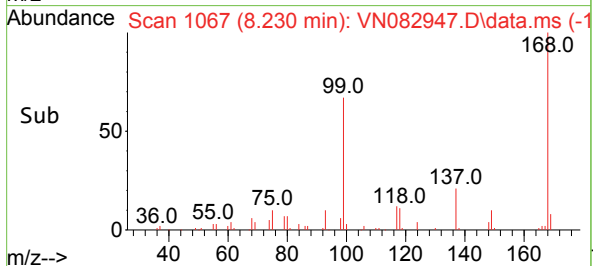
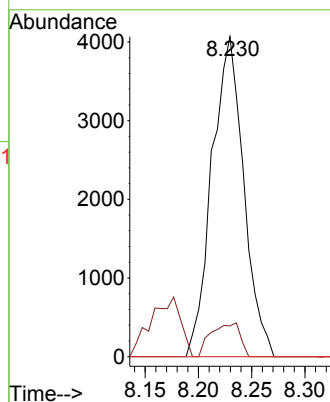
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8454
Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 1.282 ug/l

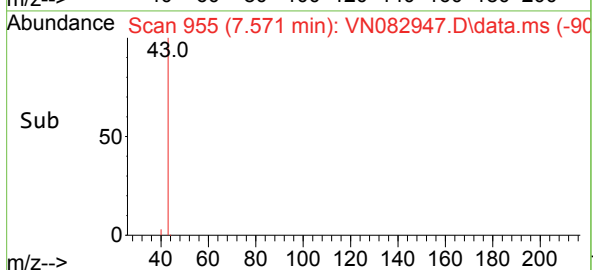
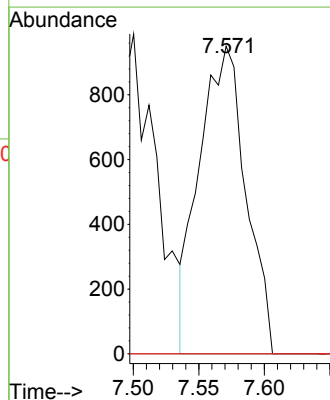
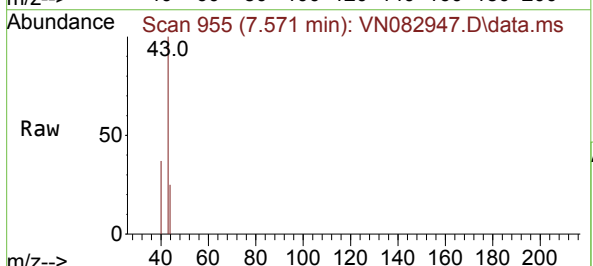
RT: 7.571 min Scan# 955

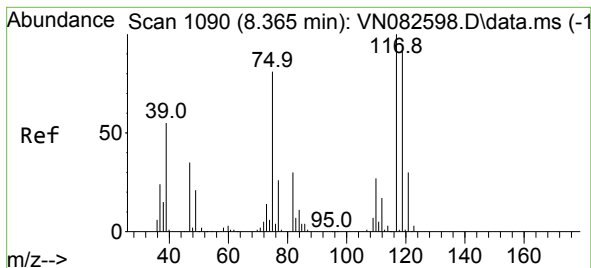
Delta R.T. 0.006 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

Tgt Ion:	43	Resp:	2346
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#





#38

Carbon Tetrachloride

Concen: 4.700 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

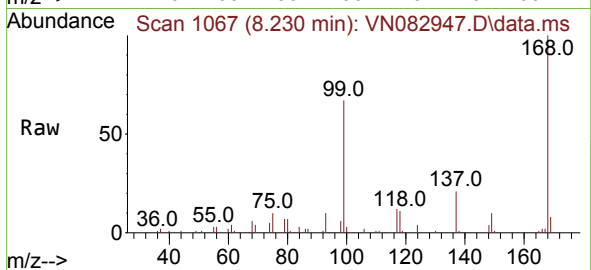
Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :



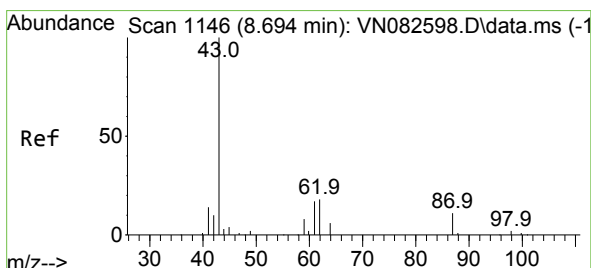
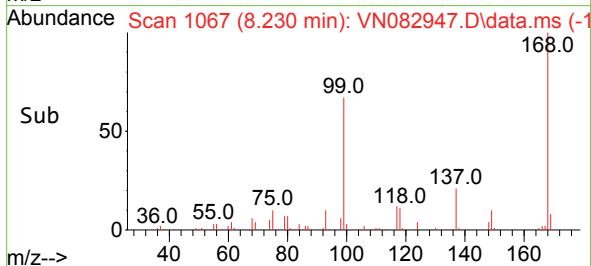
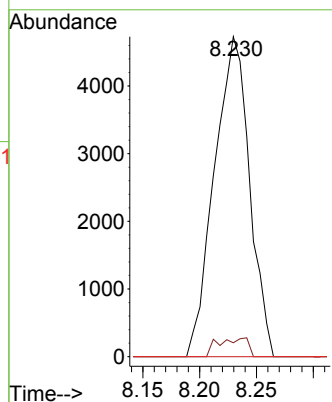
Tgt Ion:117 Resp: 10173

Ion Ratio Lower Upper

117 100

119 4.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 26.749 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

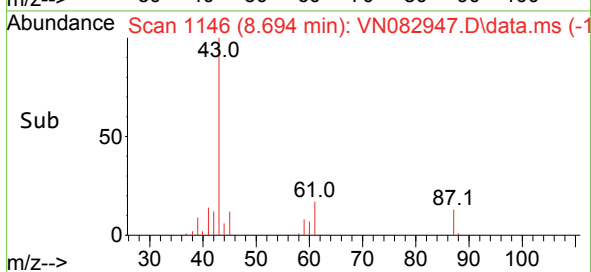
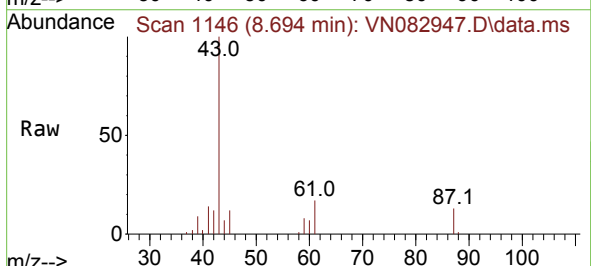
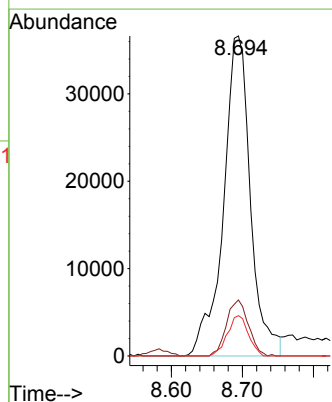
Tgt Ion: 43 Resp: 97074

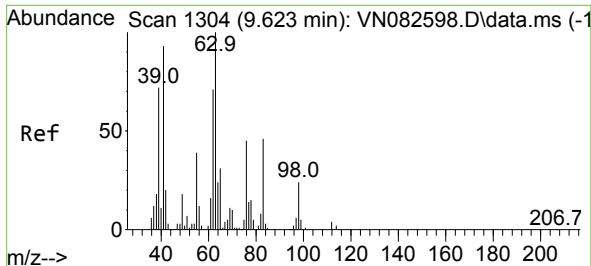
Ion Ratio Lower Upper

43 100

61 14.2 17.8 26.6#

87 9.7 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.787 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

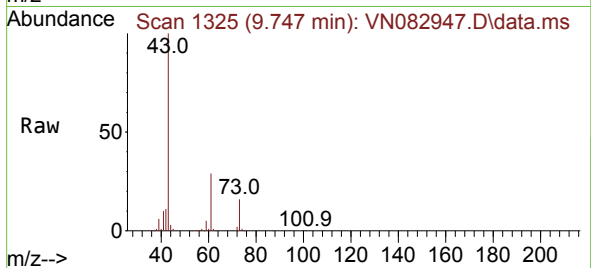
Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

Instrument :

MSVOA_N

ClientSampleId :

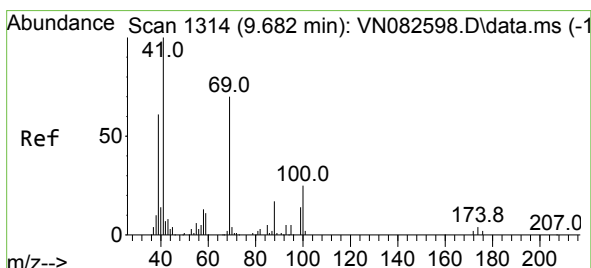
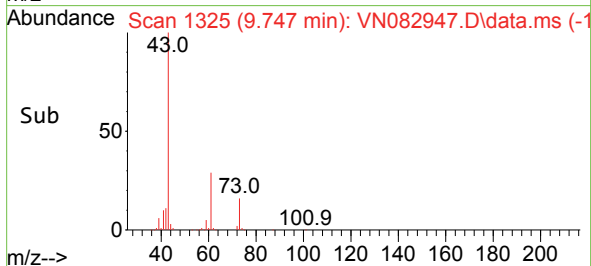
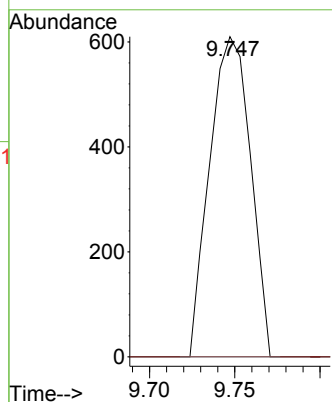


Tgt Ion: 63 Resp: 1016

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.997 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.011 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

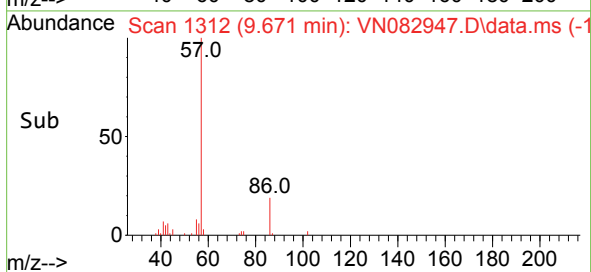
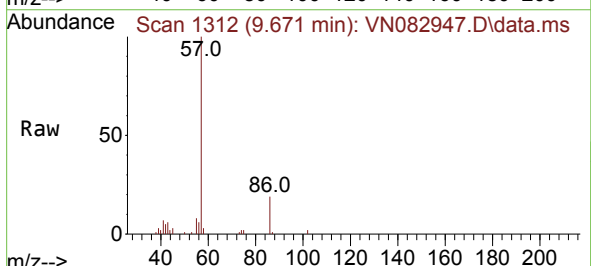
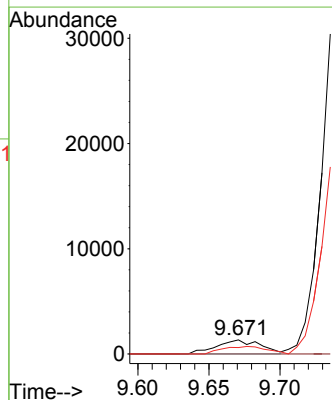
Tgt Ion: 41 Resp: 2866

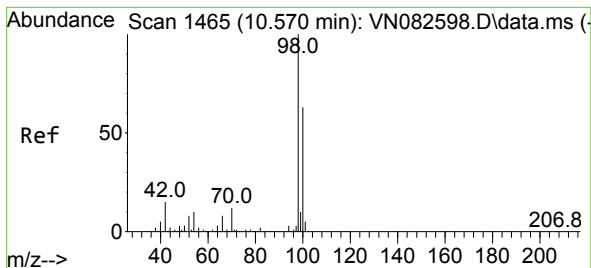
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 54.3 50.3 75.5





#50

Toluene-d8

Concen: 48.170 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

Instrument :

MSVOA_N

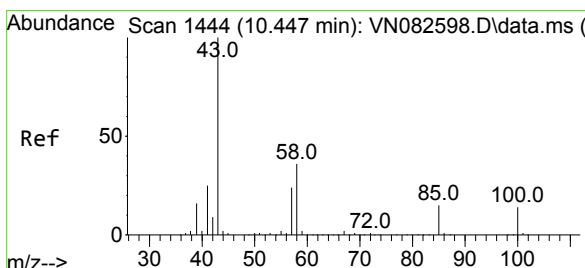
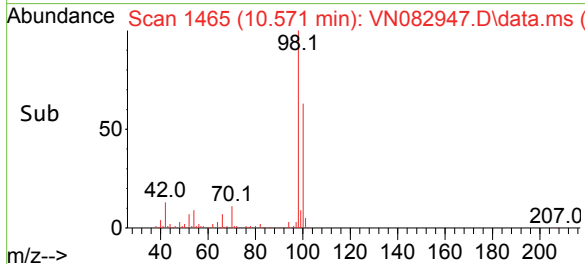
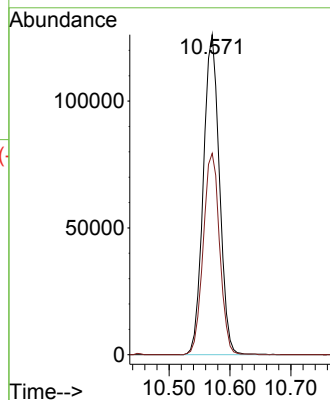
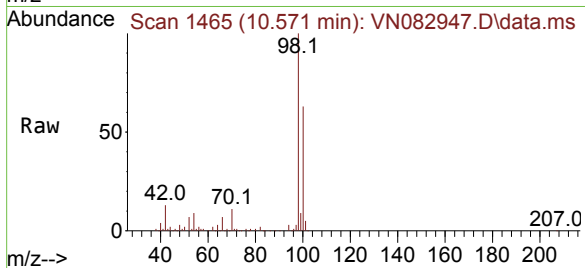
ClientSampleId :

Tgt Ion: 98 Resp: 231977

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 2.053 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN082947.D

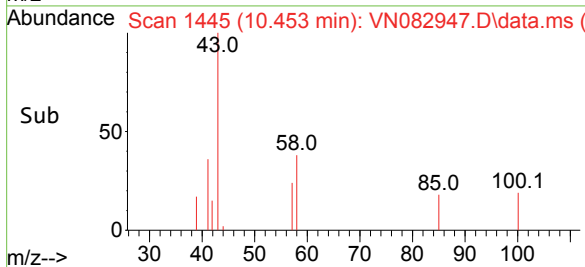
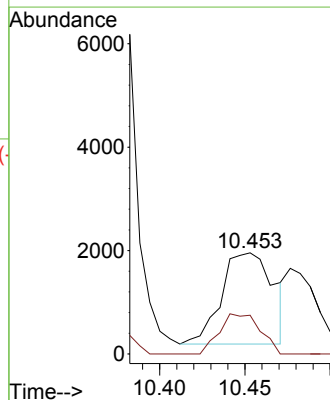
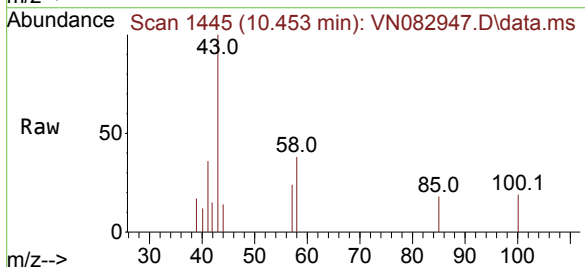
Acq: 16 Jul 2024 20:04

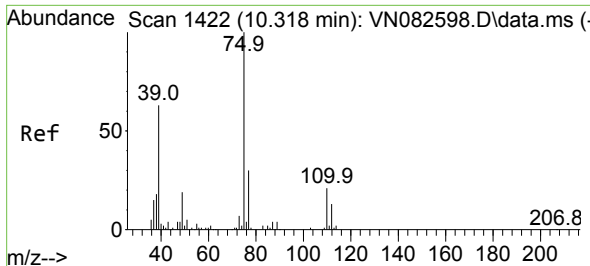
Tgt Ion: 43 Resp: 3725

Ion Ratio Lower Upper

43 100

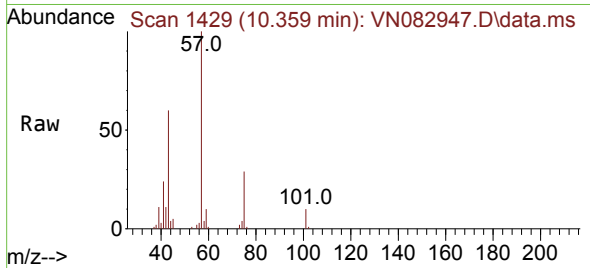
58 34.7 28.2 42.4



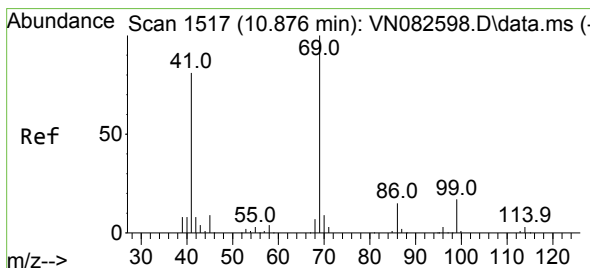
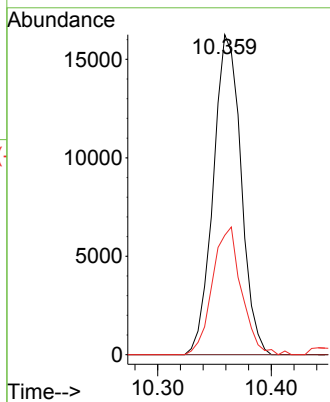
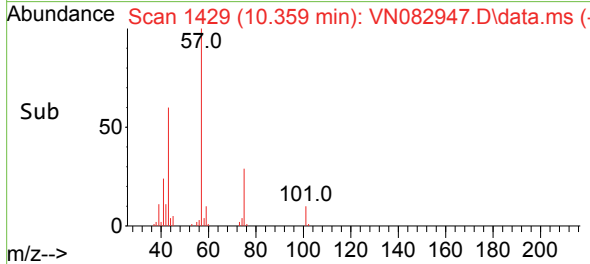


#54
 cis-1,3-Dichloropropene
 Concen: 12.198 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082947.D
 Acq: 16 Jul 2024 20:04

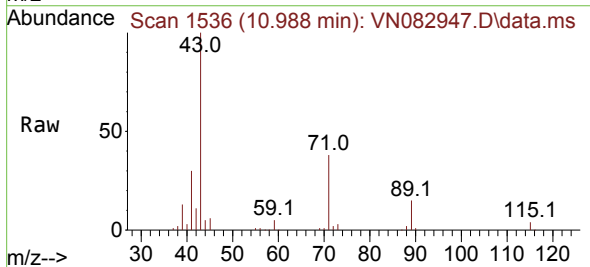
Instrument :
 MSVOA_N
 ClientSampleId :



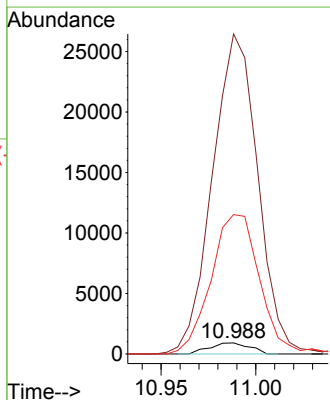
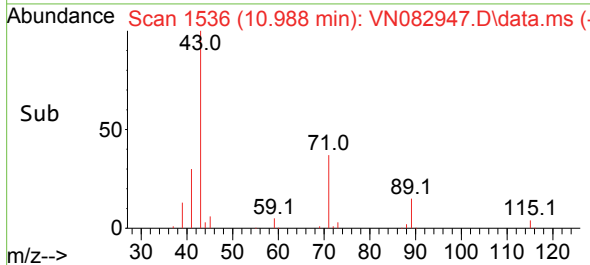
Tgt Ion: 75 Resp: 27642
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 37.3 50.5 75.7#

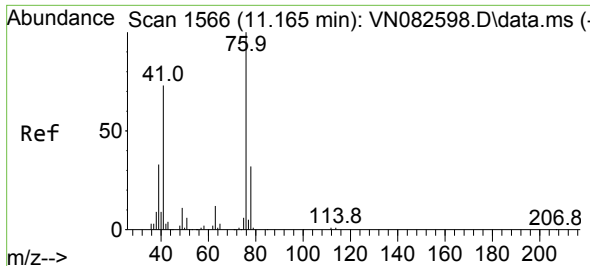


#56
 Ethyl methacrylate
 Concen: 0.681 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN082947.D
 Acq: 16 Jul 2024 20:04



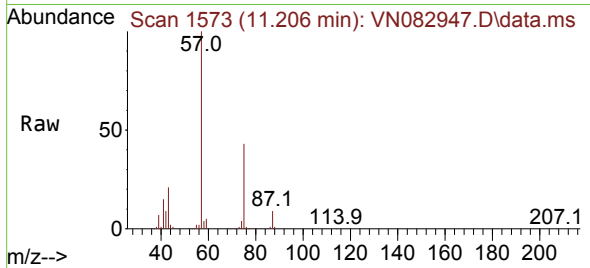
Tgt Ion: 69 Resp: 1346
 Ion Ratio Lower Upper
 69 100
 41 3275.9 63.4 95.2#
 39 1536.3 37.4 56.0#



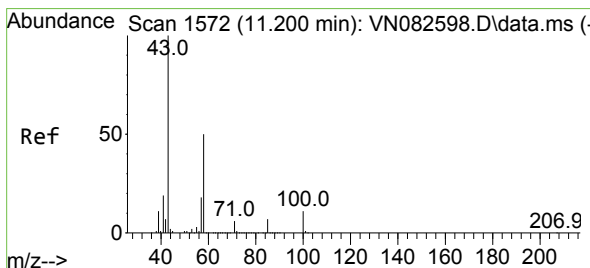
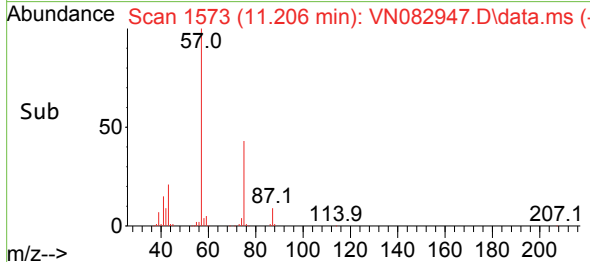
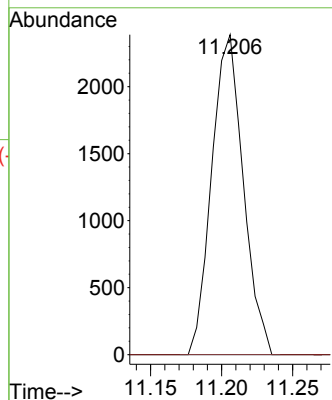


#57
1,3-Dichloropropane
Concen: 1.639 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

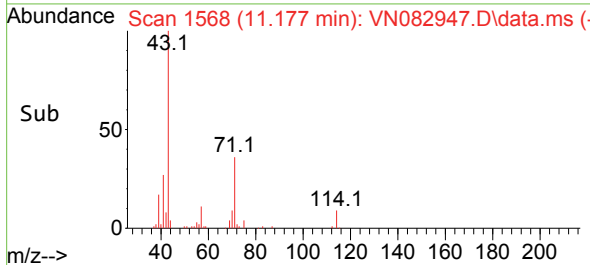
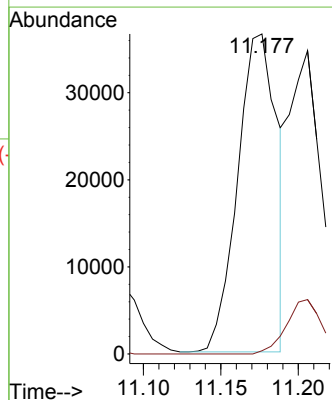
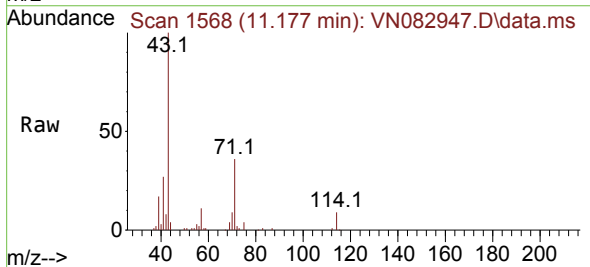


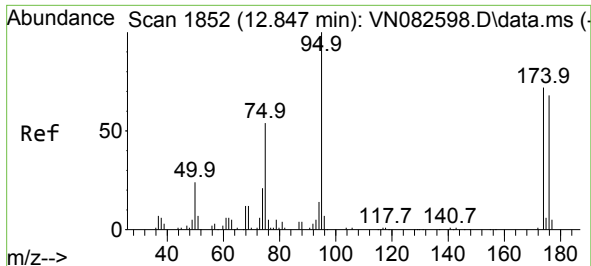
Tgt Ion: 76 Resp: 3685
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 47.888 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.023 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Tgt Ion: 43 Resp: 64601
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#

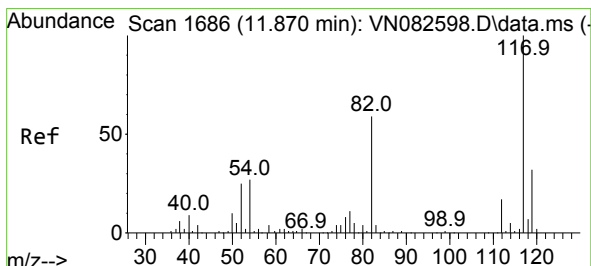
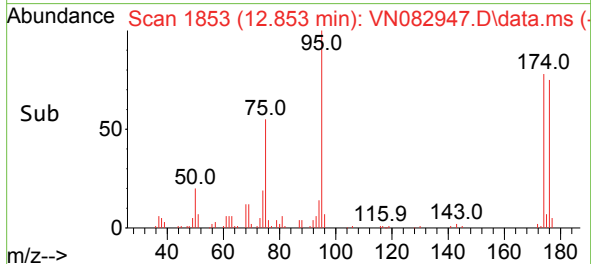
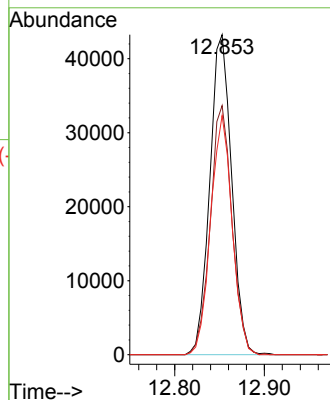
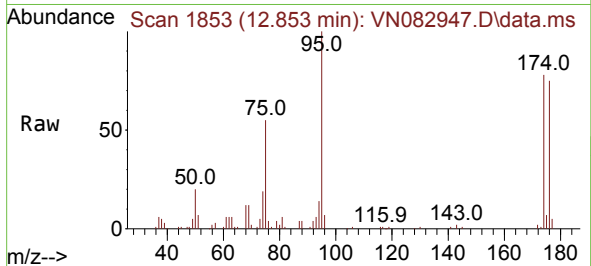




#62
4-Bromofluorobenzene
Concen: 42.265 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

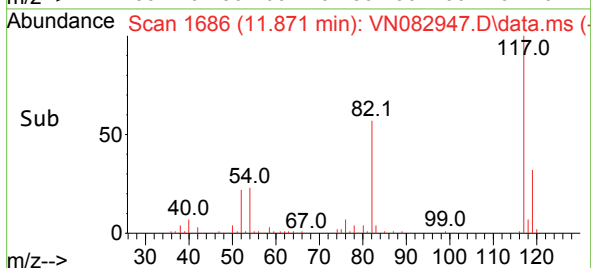
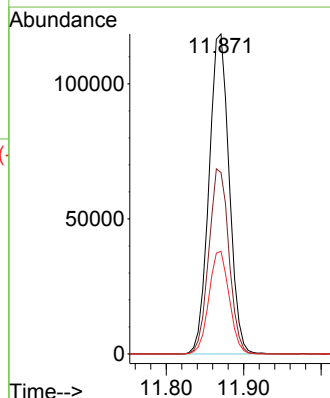
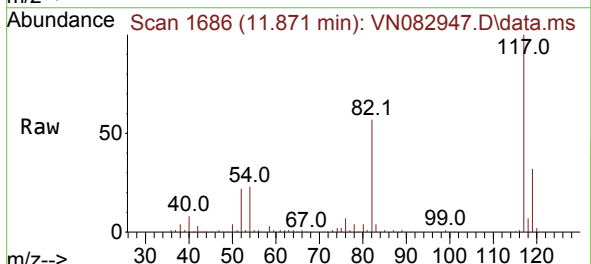
Instrument :
MSVOA_N
ClientSampleId :

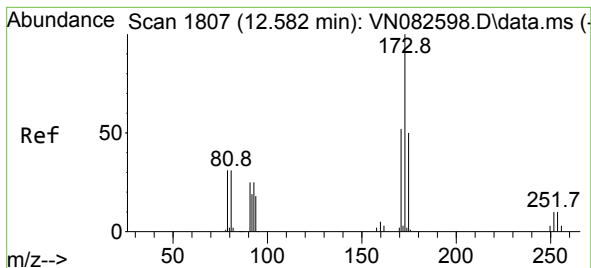
Tgt Ion: 95 Resp: 73114
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 73.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Tgt Ion: 117 Resp: 214942
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.1 25.6 38.4





#71

Bromoform

Concen: 0.579 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

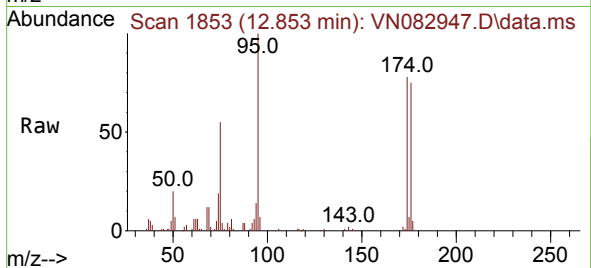
Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

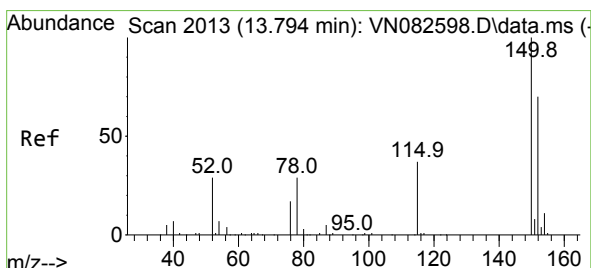
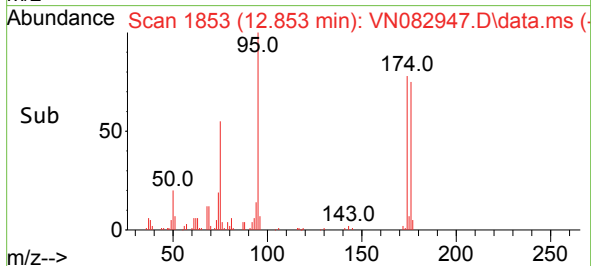
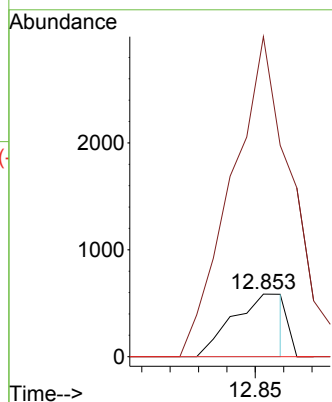
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	746
Ion Ratio	Lower	Upper	
173	100		
175	474.5	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

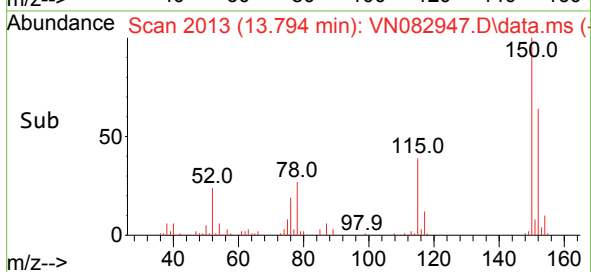
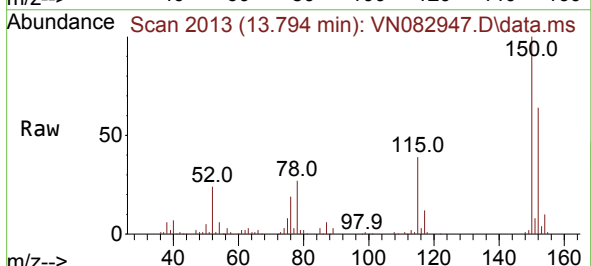
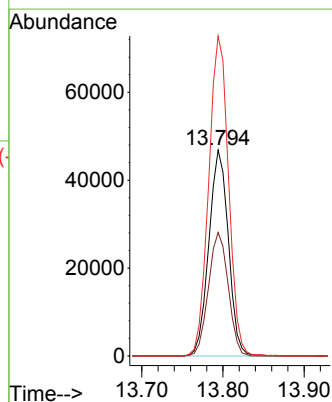
RT: 13.794 min Scan# 2013

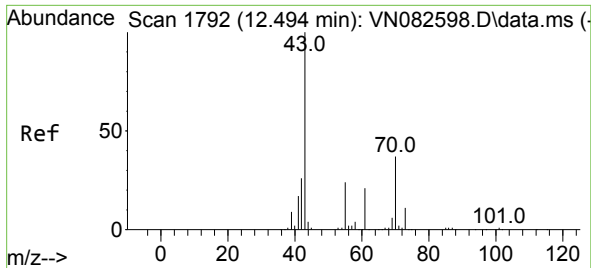
Delta R.T. -0.000 min

Lab File: VN082947.D

Acq: 16 Jul 2024 20:04

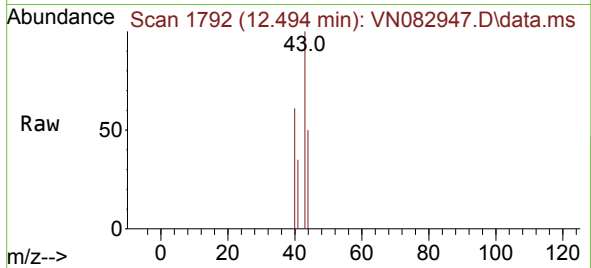
Tgt Ion:	152	Resp:	78121
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.6	91.6
150	157.9	0.0	348.6



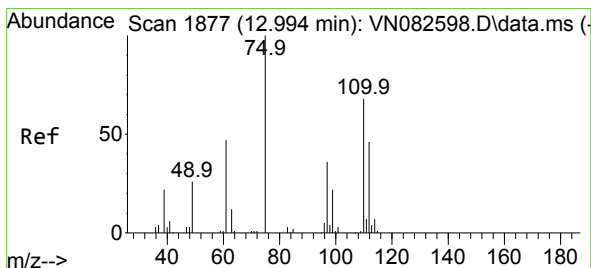
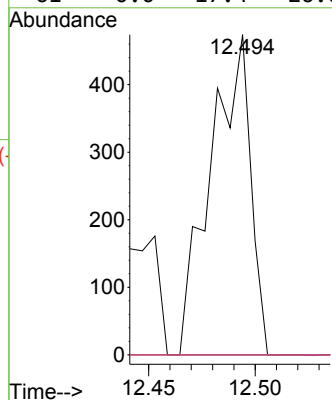


#74
N-amy1 acetate
Concen: 0.263 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

Instrument :
MSVOA_N
ClientSampleId :

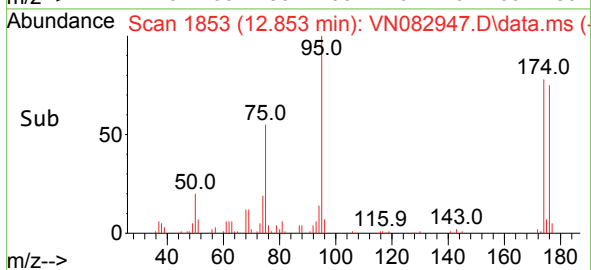
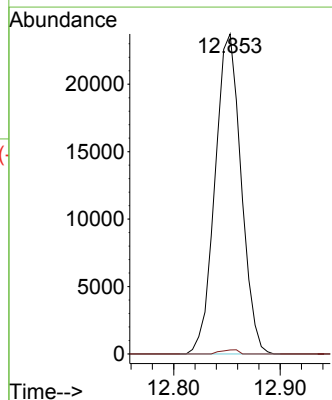
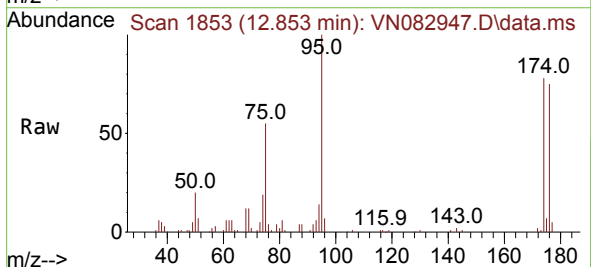


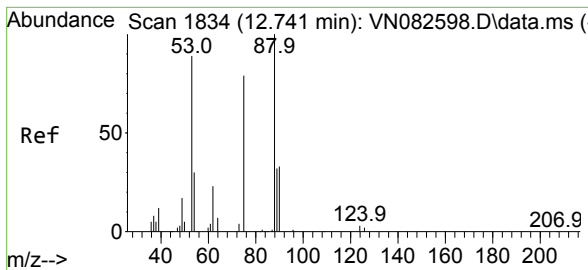
Tgt Ion: 43	Resp: 617
Ion Ratio	Lower Upper
43 100	
70 0.0	29.8 44.6#
55 0.0	18.7 28.1#
61 0.0	17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 29.921 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082947.D
Acq: 16 Jul 2024 20:04

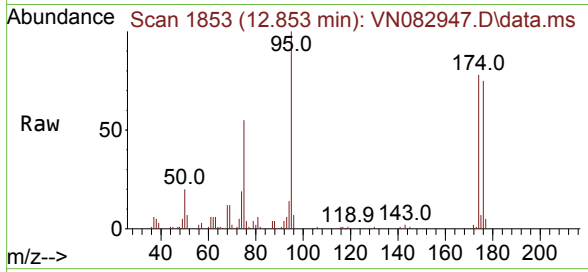
Tgt Ion: 75	Resp: 40299
Ion Ratio	Lower Upper
75 100	
77 0.9	110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.846 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082947.D
 Acq: 16 Jul 2024 20:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	40299
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

