

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082445.D
 Acq On : 03 Jun 2024 19:40
 Operator : JC\MD
 Sample : P2683-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 00:35:04 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)

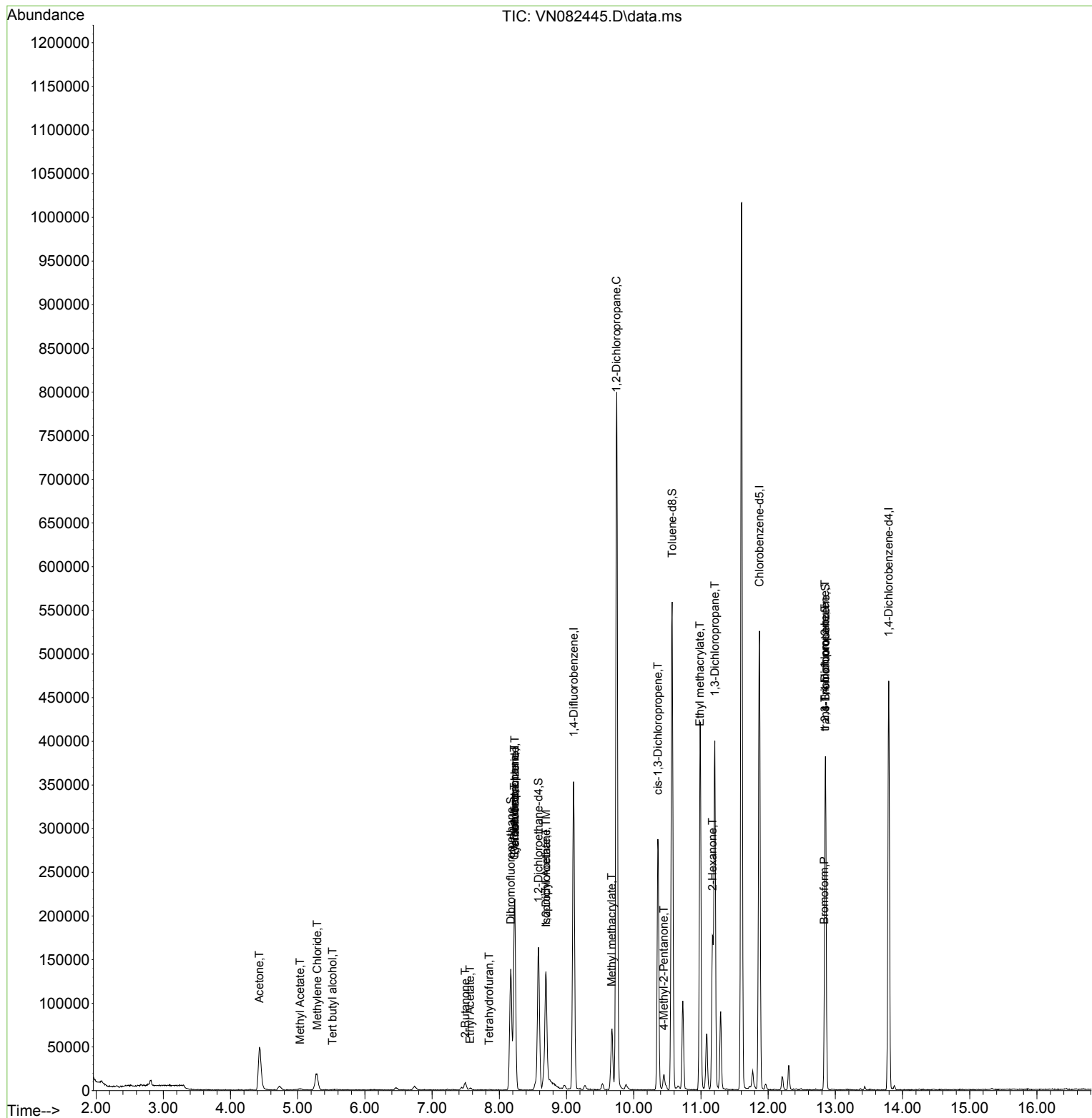
Internal Standards						
1) Pentafluorobenzene	8.230	168	149112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	273971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131972	56.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.100%			
35) Dibromofluoromethane	8.171	113	94781	55.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.820%			
50) Toluene-d8	10.571	98	364950	56.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.320%			
62) 4-Bromofluorobenzene	12.853	95	120817	52.085	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.180%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.518	59	185	0.489	ug/l #	71
16) Acetone	4.430	43	94832	98.184	ug/l	90
18) Methyl Acetate	5.036	43	3188	1.325	ug/l #	54
20) Methylene Chloride	5.289	84	12955	6.648	ug/l #	78
25) 2-Butanone	7.494	43	14032	9.582	ug/l	90
29) Tetrahydrofuran	7.847	42	255	0.271	ug/l #	64
31) Cyclohexane	8.224	56	4611	1.226	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	13805	4.856	ug/l #	43
37) Ethyl Acetate	7.565	43	3642	1.145	ug/l #	82
38) Carbon Tetrachloride	8.230	117	16250	5.639	ug/l #	17
42) 1,2-Dichloroethane	8.694	62	800	0.245	ug/l #	73
43) Isopropyl Acetate	8.694	43	188612	33.456	ug/l #	74
45) 1,2-Dichloropropane	9.741	63	816	0.373	ug/l #	45
48) Methyl methacrylate	9.671	41	4750	1.768	ug/l #	40
51) 4-Methyl-2-Pentanone	10.447	43	16393	5.118	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	44906	13.530	ug/l #	75
56) Ethyl methacrylate	10.982	69	1538	0.490	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3849	1.113	ug/l #	42
59) 2-Hexanone	11.171	43	205159	87.475	ug/l #	23
71) Bromoform	12.835	173	194	0.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71943	29.668	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71943	69.393	ug/l #	12

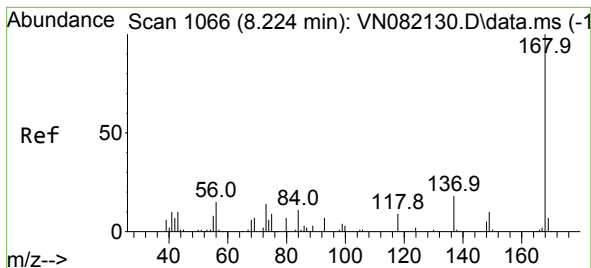
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1066

Delta R.T. 0.006 min

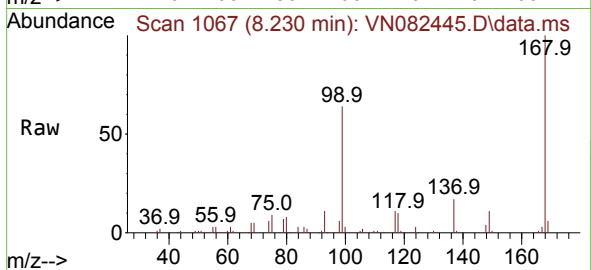
Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

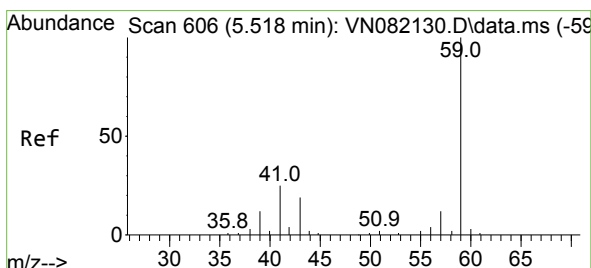
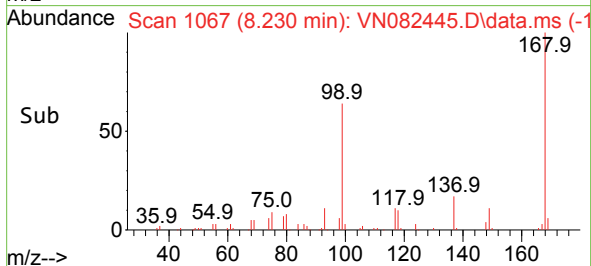
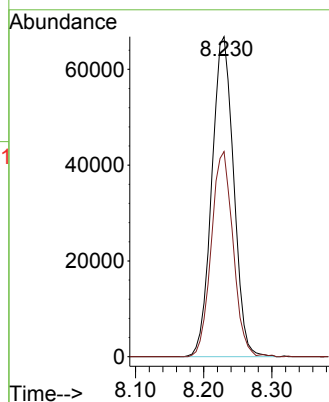


Tgt Ion:168 Resp: 149112

Ion Ratio Lower Upper

168 100

99 64.1 48.2 72.4



#11

Tert butyl alcohol

Concen: 0.489 ug/l

RT: 5.518 min Scan# 606

Delta R.T. 0.000 min

Lab File: VN082445.D

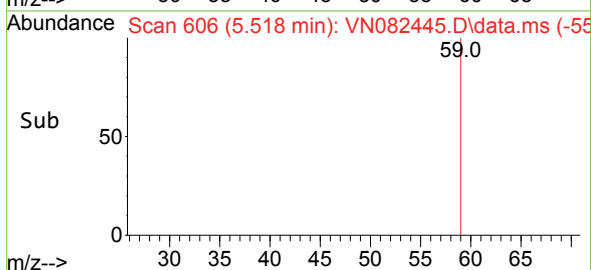
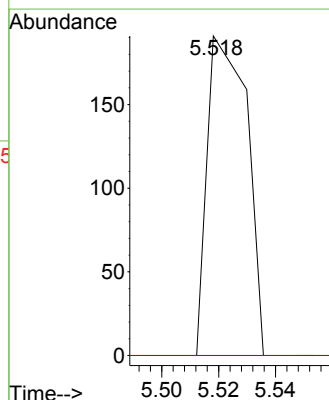
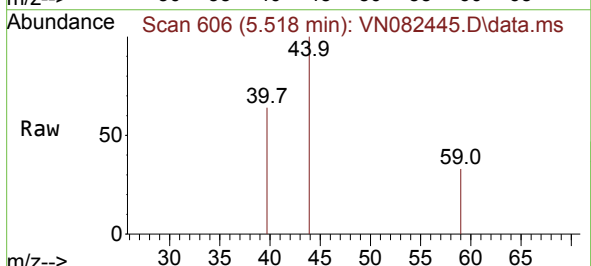
Acq: 03 Jun 2024 19:40

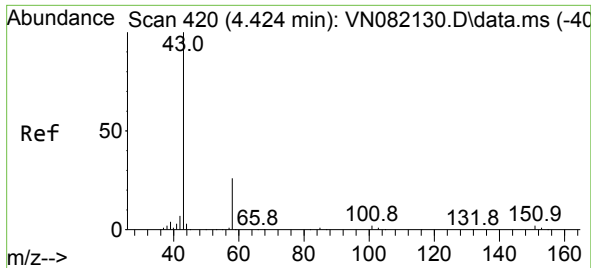
Tgt Ion: 59 Resp: 185

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#

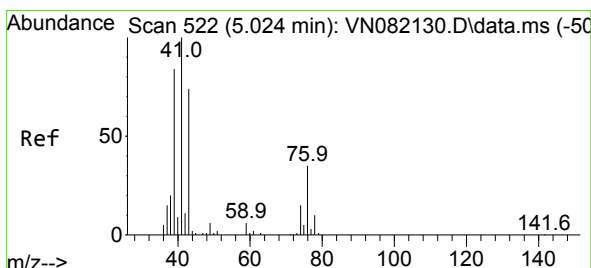
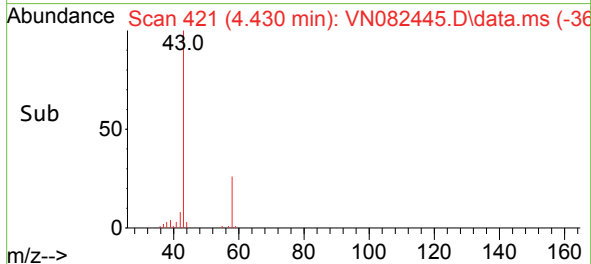
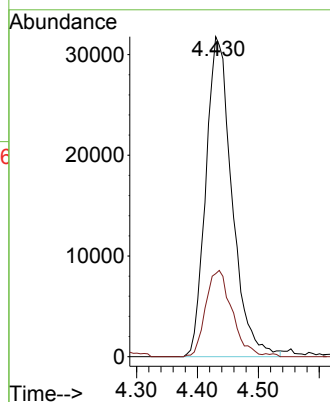
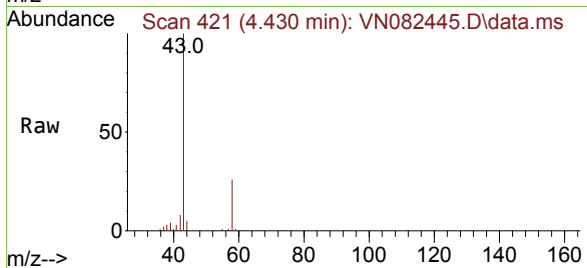




#16
Acetone
Concen: 98.184 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

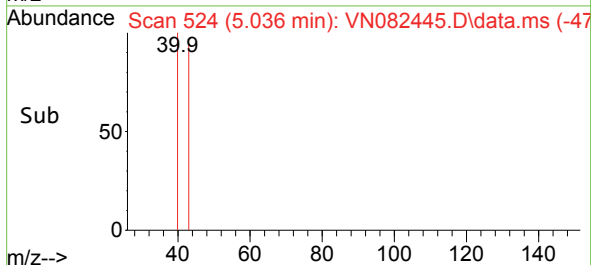
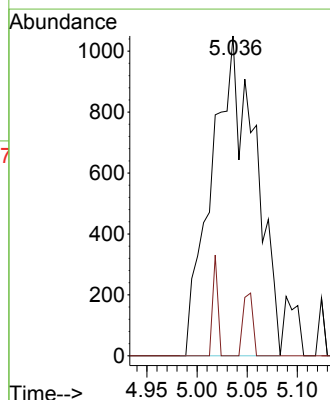
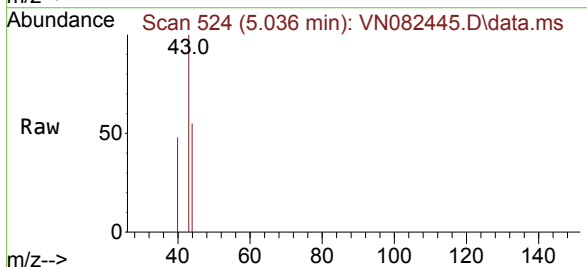
Instrument :
MSVOA_N
ClientSampleId :

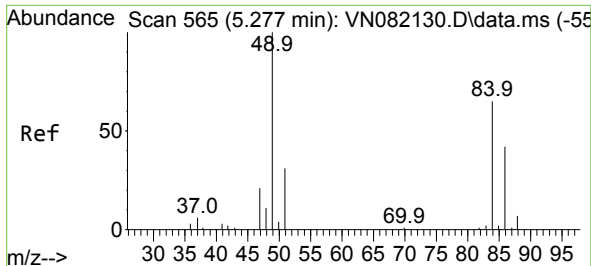
Tgt Ion: 43 Resp: 94832
Ion Ratio Lower Upper
43 100
58 26.0 25.2 37.8



#18
Methyl Acetate
Concen: 1.325 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

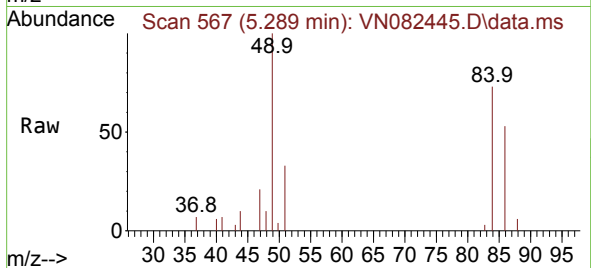
Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
74 3.7 22.2 33.2#



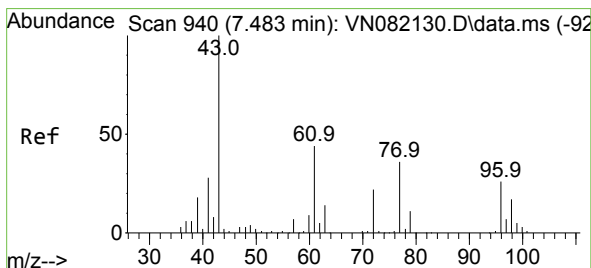
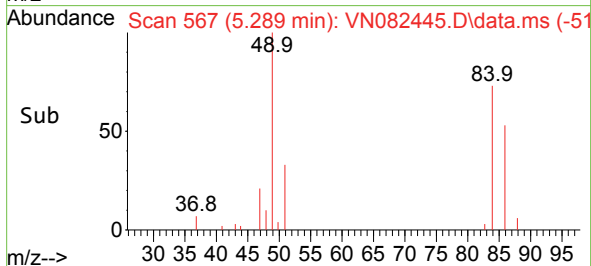
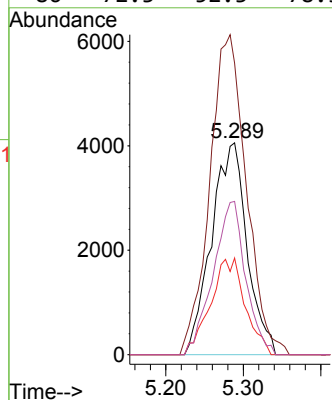


#20
Methylene Chloride
Concen: 6.648 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :

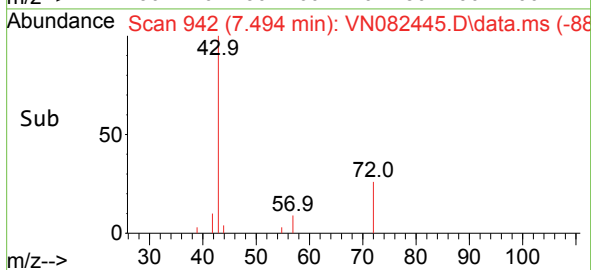
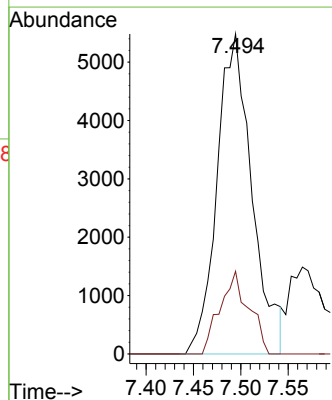
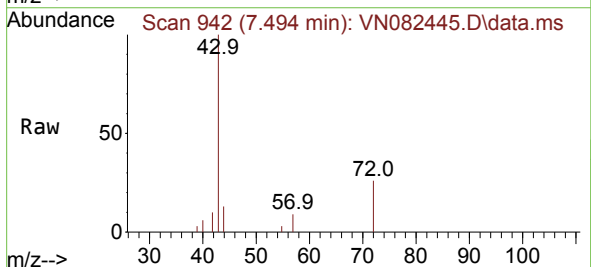


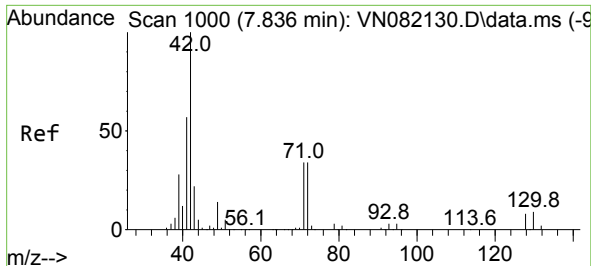
Tgt Ion:	84	Resp:	12955
Ion	Ratio	Lower	Upper
84	100		
49	137.6	84.9	127.3#
51	45.6	27.0	40.6#
86	72.3	52.3	78.5



#25
2-Butanone
Concen: 9.582 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

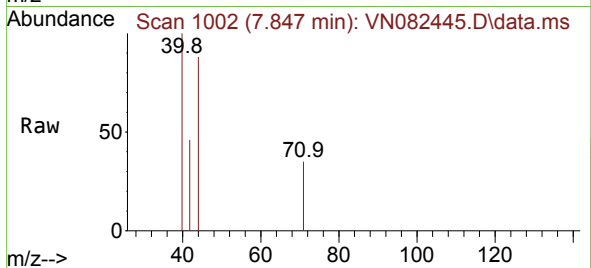
Tgt Ion:	43	Resp:	14032
Ion	Ratio	Lower	Upper
43	100		
72	25.9	25.3	37.9



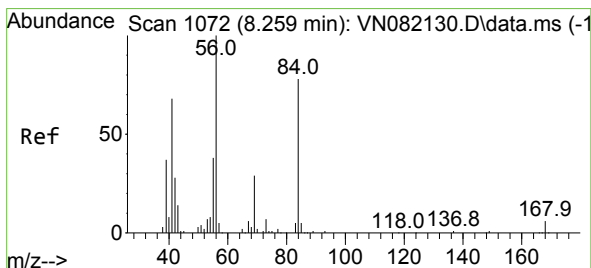
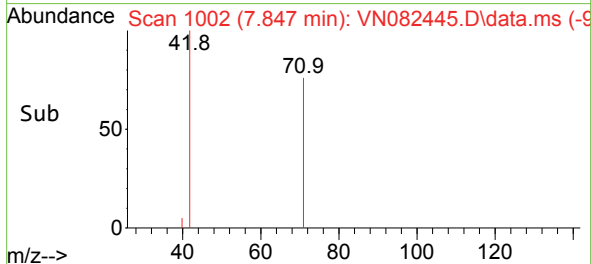
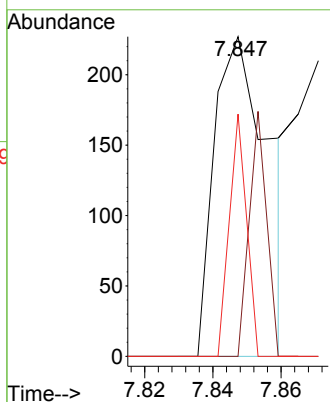


#29
Tetrahydrofuran
Concen: 0.271 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.011 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :

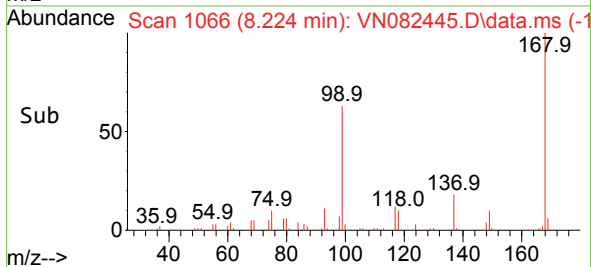
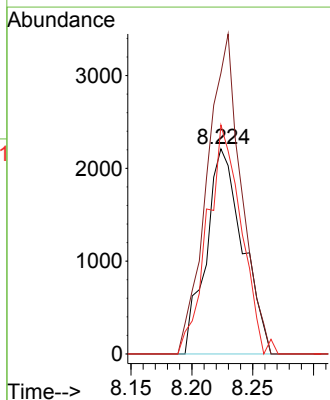
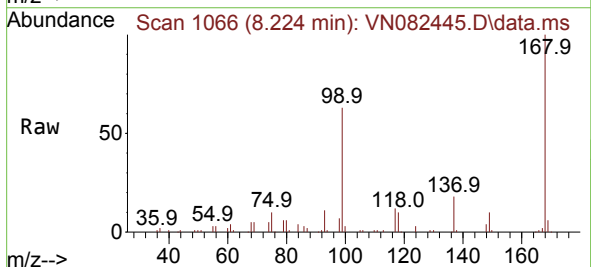


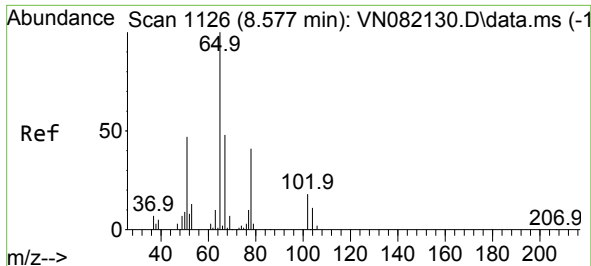
Tgt Ion: 42 Resp: 255
Ion Ratio Lower Upper
42 100
72 23.9 39.3 58.9#
71 23.9 37.4 56.0#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 56 Resp: 4611
Ion Ratio Lower Upper
56 100
69 136.9 24.4 36.6#
84 111.6 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 56.051 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

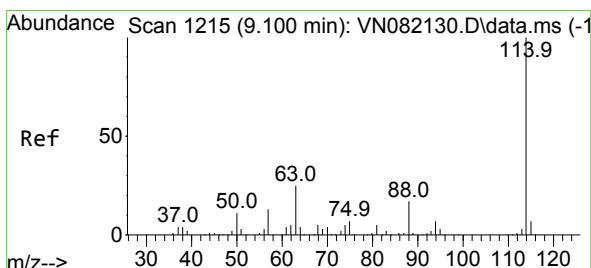
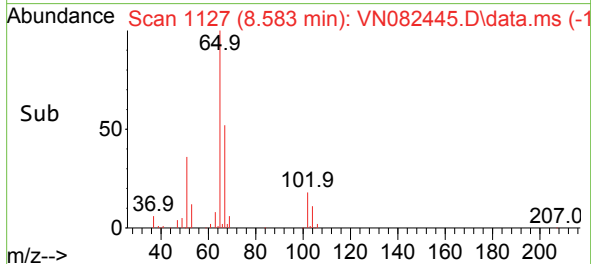
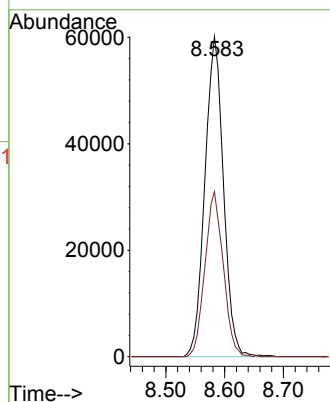
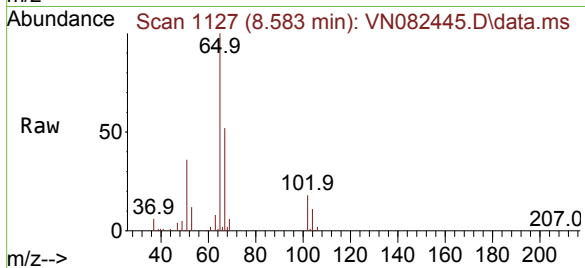
ClientSampleId :

Tgt Ion: 65 Resp: 131972

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

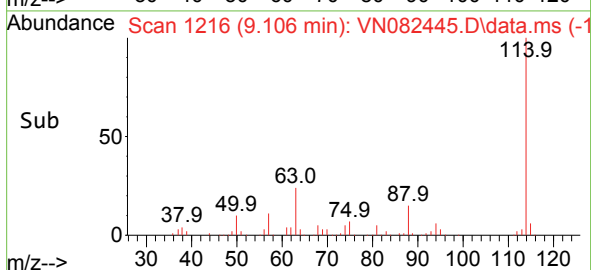
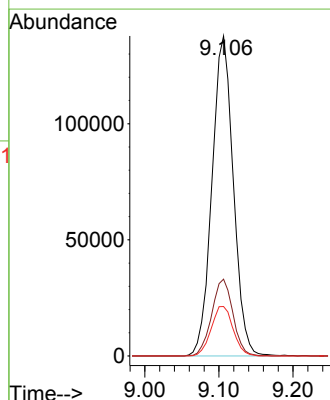
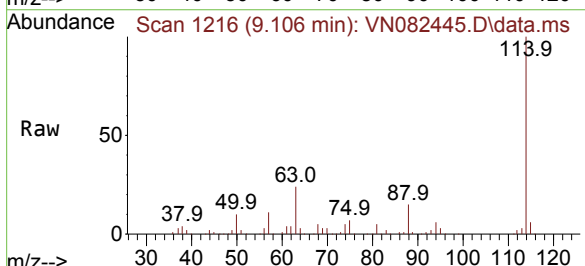
Tgt Ion: 114 Resp: 275557

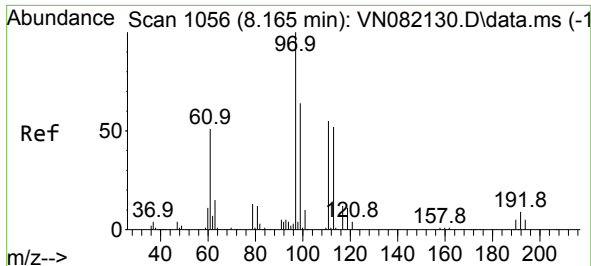
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.5 0.0 31.4

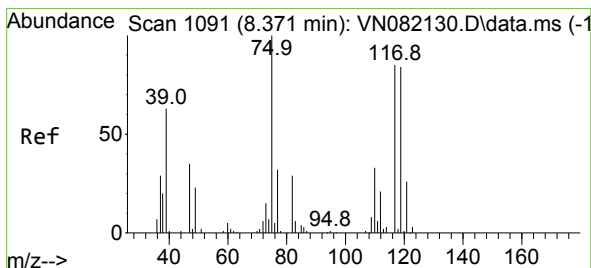
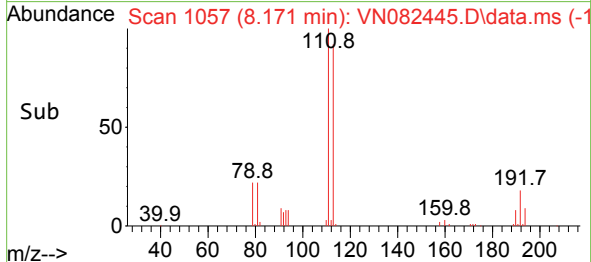
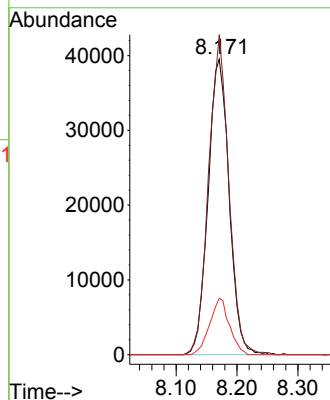
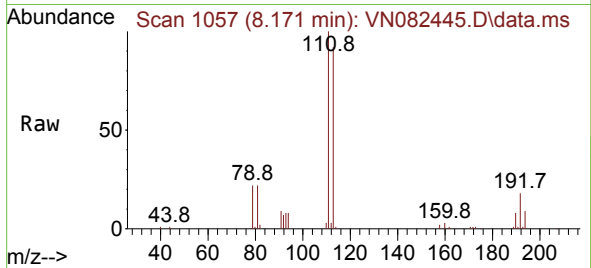




#35
Dibromofluoromethane
Concen: 55.915 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

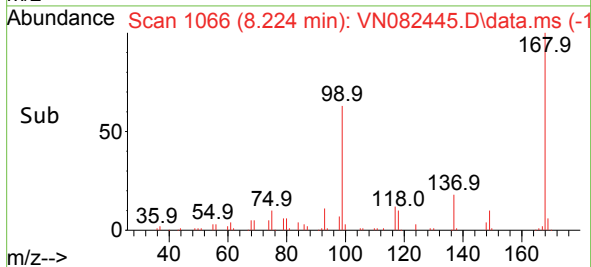
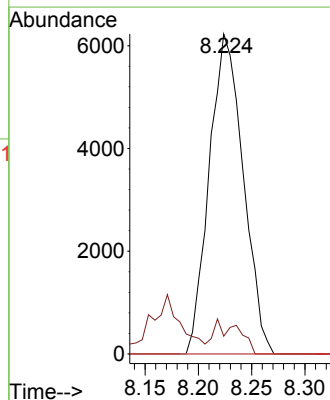
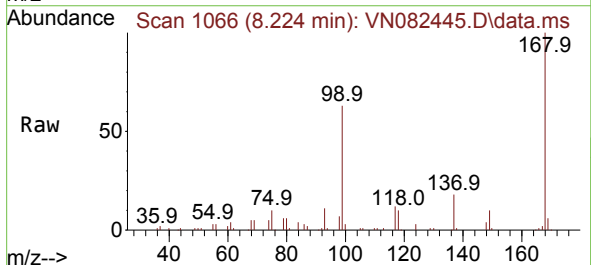
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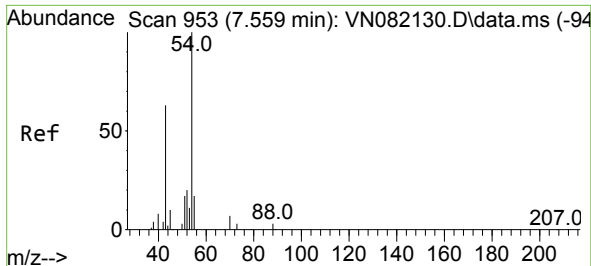
Tgt Ion:113 Resp: 94781
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.2
192 17.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

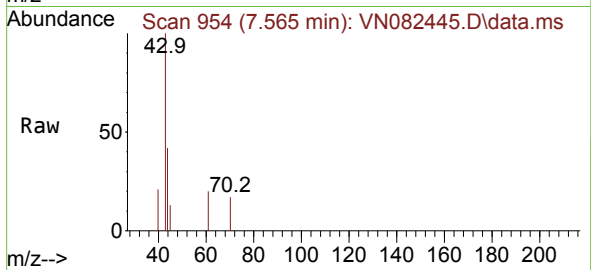
Tgt Ion: 75 Resp: 13805
Ion Ratio Lower Upper
75 100
110 1.9 17.8 53.5#
77 0.0 25.0 37.4#



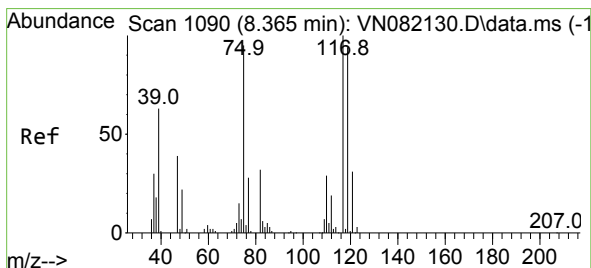
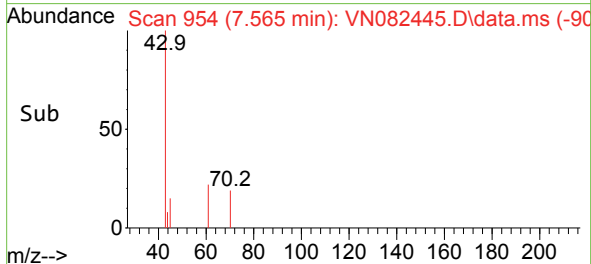
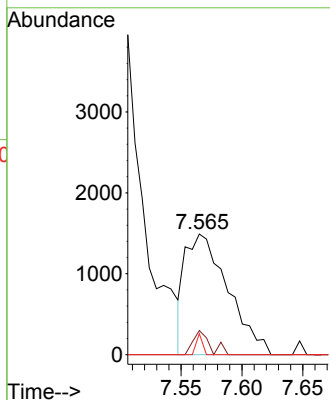


#37
Ethyl Acetate
Concen: 1.145 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :

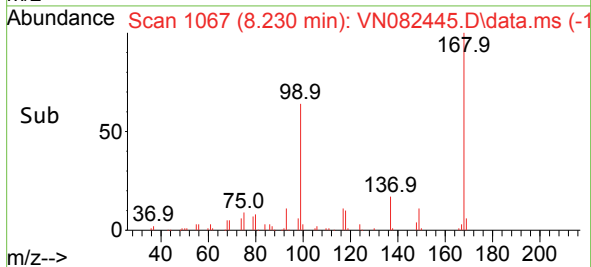
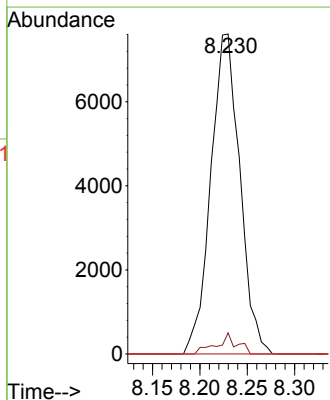
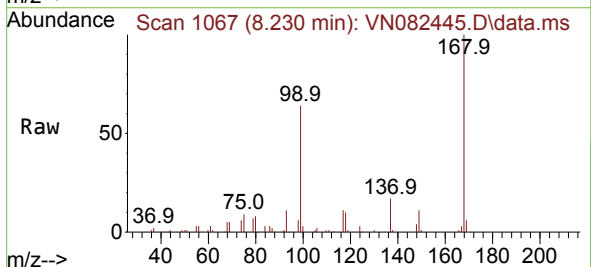


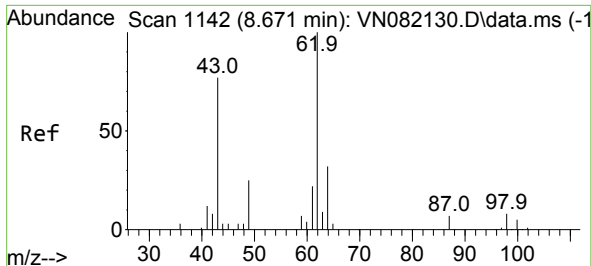
Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
61 7.9 11.3 16.9#
70 2.5 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 117 Resp: 16250
Ion Ratio Lower Upper
117 100
119 6.6 76.5 114.7#
121 0.0 23.9 35.9#





#42

1,2-Dichloroethane

Concen: 0.245 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.024 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

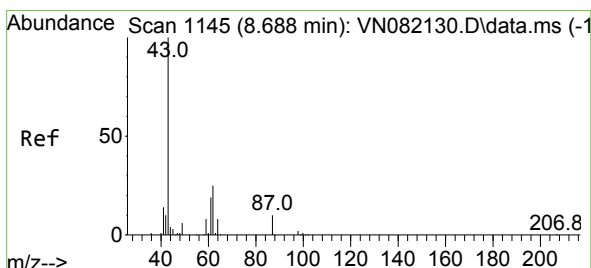
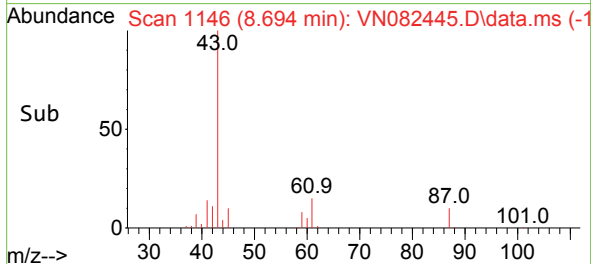
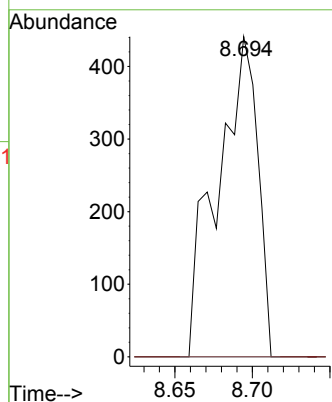
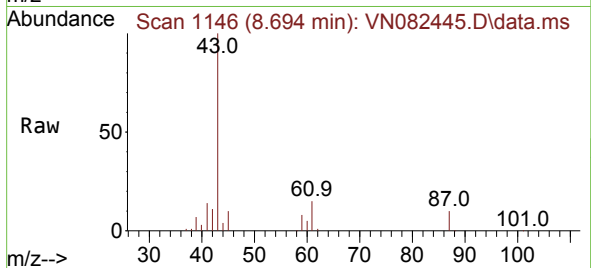
ClientSampleId :

Tgt Ion: 62 Resp: 800

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 33.456 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

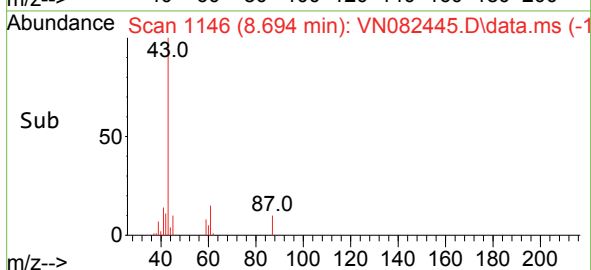
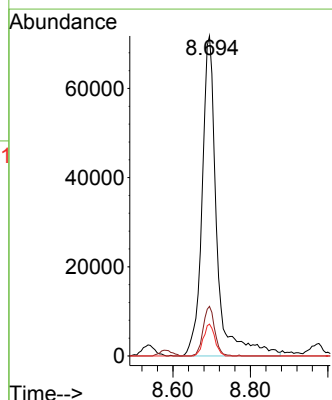
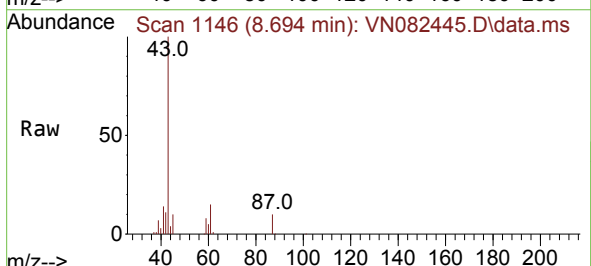
Tgt Ion: 43 Resp: 188612

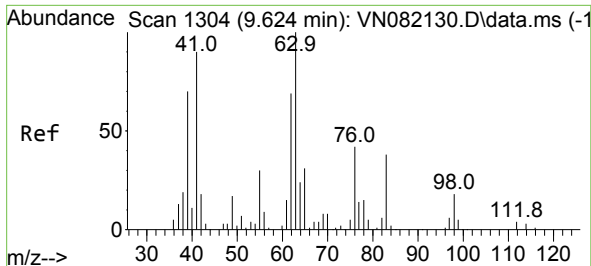
Ion Ratio Lower Upper

43 100

61 12.2 22.8 34.2#

87 7.8 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.373 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

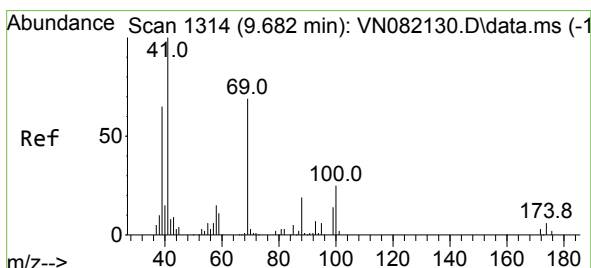
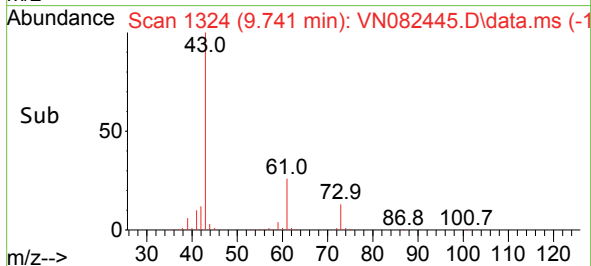
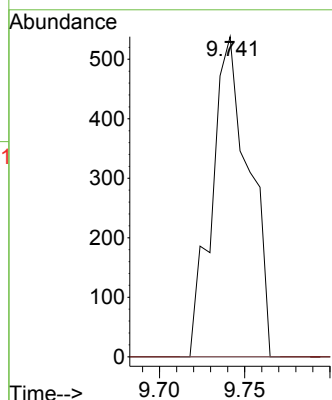
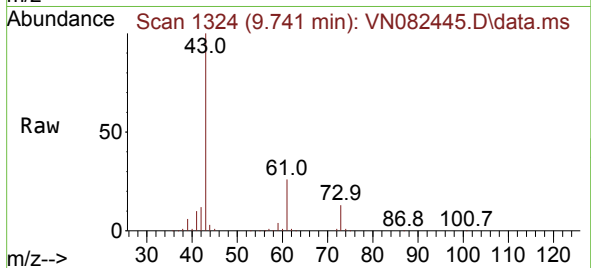
ClientSampleId :

Tgt Ion: 63 Resp: 816

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#48

Methyl methacrylate

Concen: 1.768 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

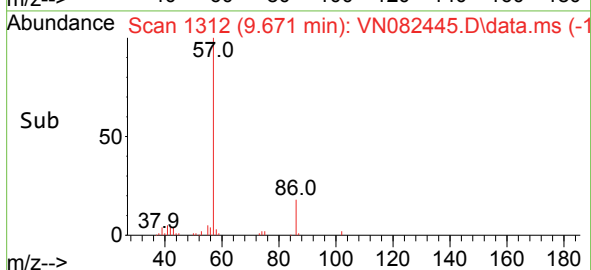
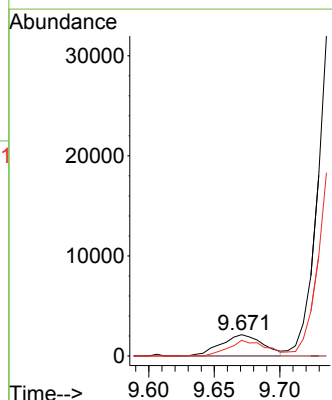
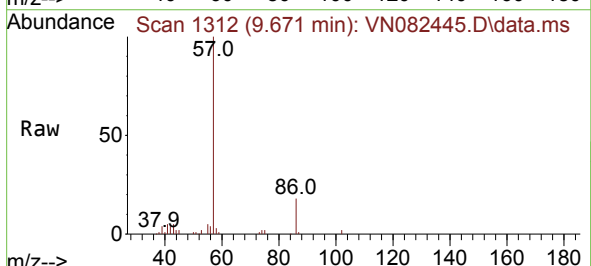
Tgt Ion: 41 Resp: 4750

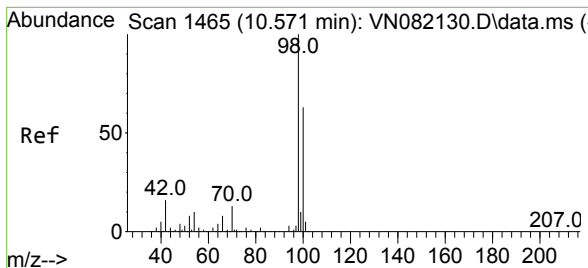
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 63.7 50.9 76.3

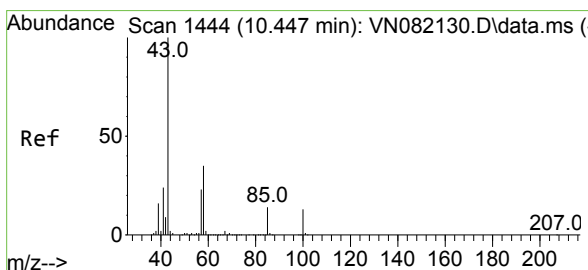
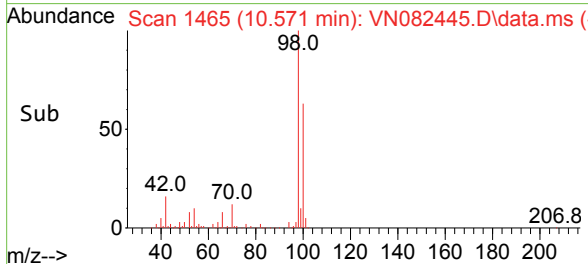
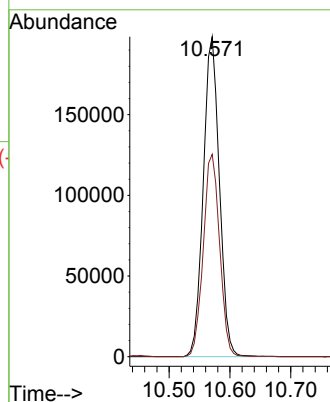
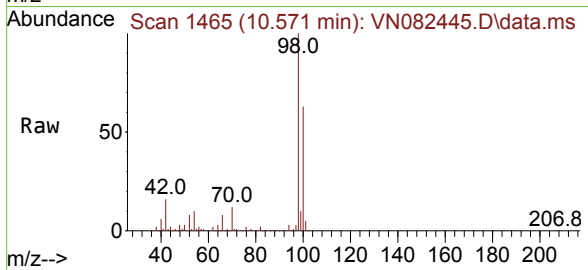




#50
Toluene-d8
Concen: 56.156 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

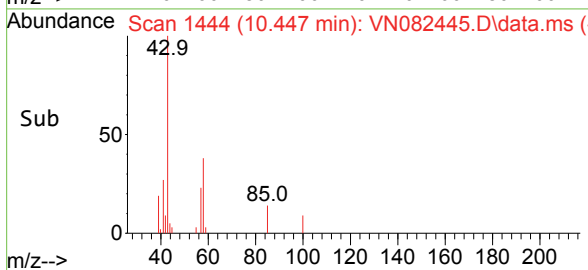
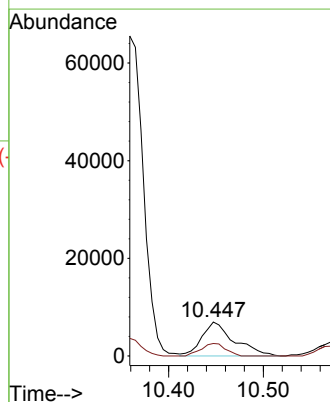
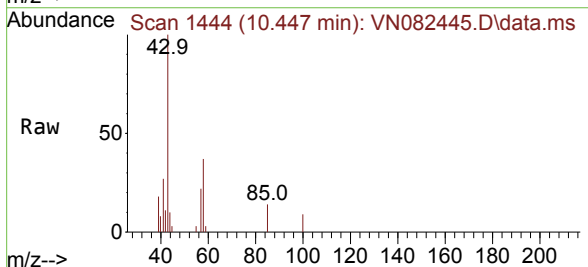
Instrument :
MSVOA_N
ClientSampleId :

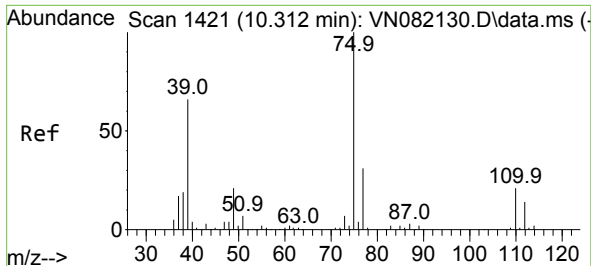
Tgt Ion: 98 Resp: 364950
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.118 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 43 Resp: 16393
Ion Ratio Lower Upper
43 100
58 28.1 33.2 49.8#

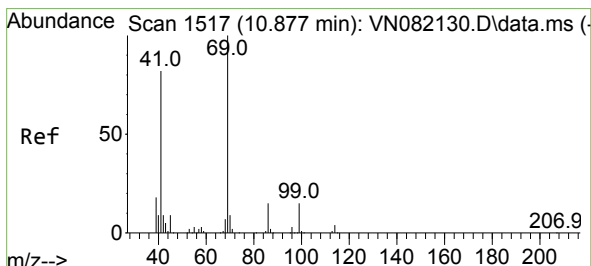
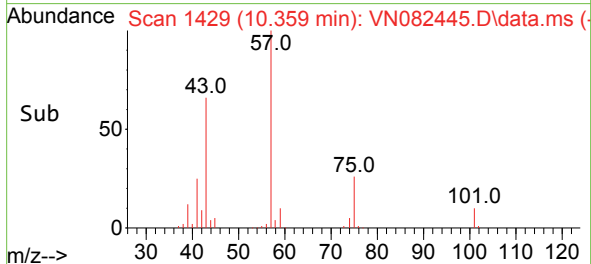
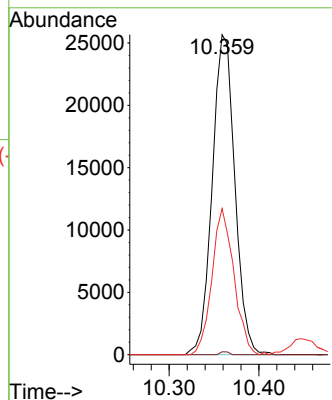
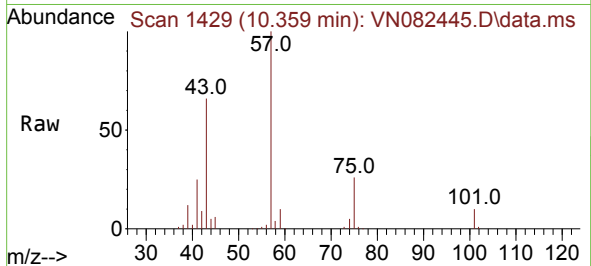




#54
cis-1,3-Dichloropropene
Concen: 13.530 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

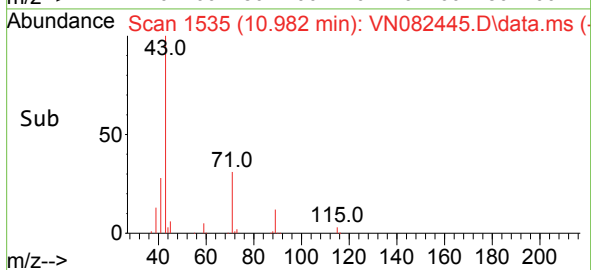
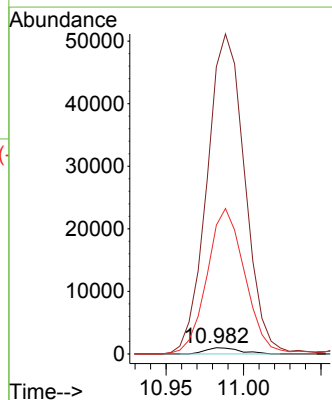
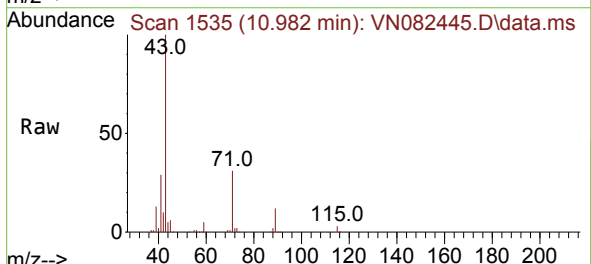
Instrument :
MSVOA_N
ClientSampleId :

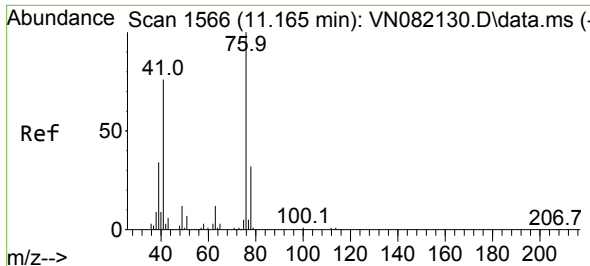
Tgt Ion:	75	Resp:	44906
Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.0	37.4#
39	45.7	34.8	52.2



#56
Ethyl methacrylate
Concen: 0.490 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion:	69	Resp:	1538
Ion	Ratio	Lower	Upper
69	100		
41	5658.7	46.6	70.0#
39	2583.8	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 1.113 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

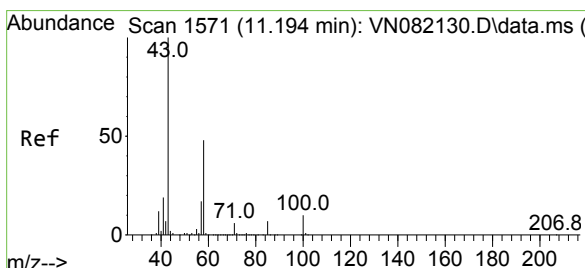
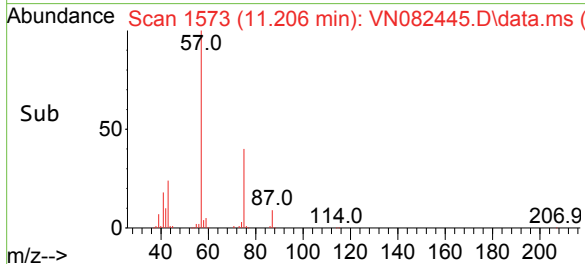
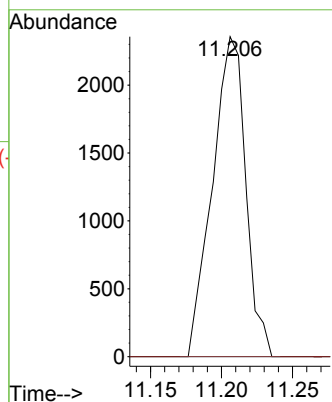
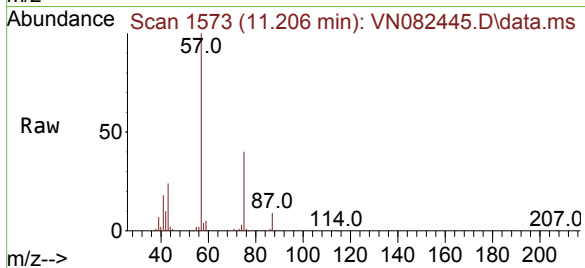
ClientSampleId :

Tgt Ion: 76 Resp: 3849

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 87.475 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.023 min

Lab File: VN082445.D

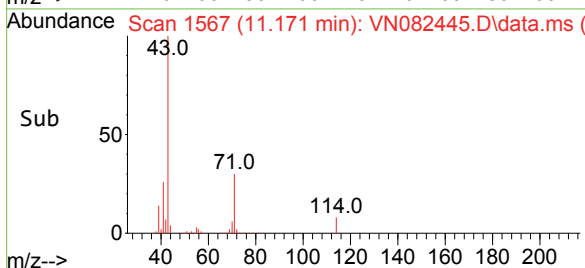
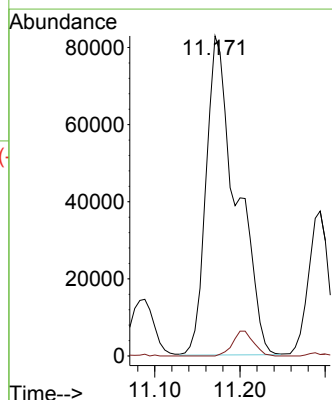
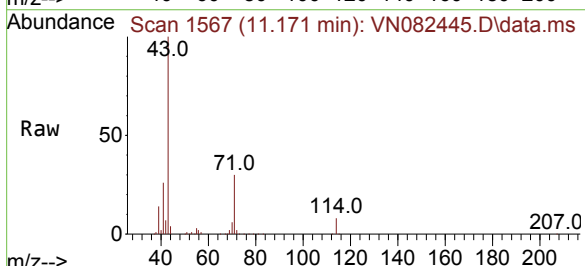
Acq: 03 Jun 2024 19:40

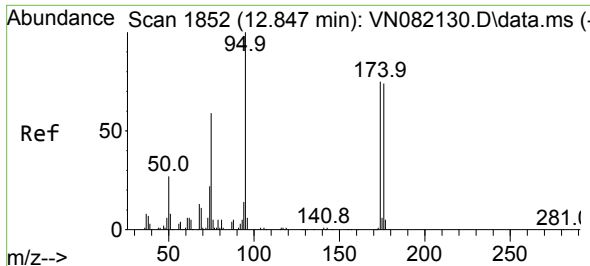
Tgt Ion: 43 Resp: 205159

Ion Ratio Lower Upper

43 100

58 0.0 28.3 84.9#

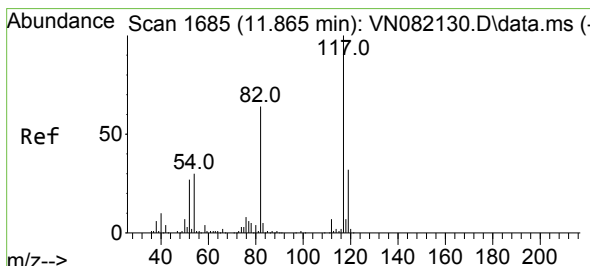
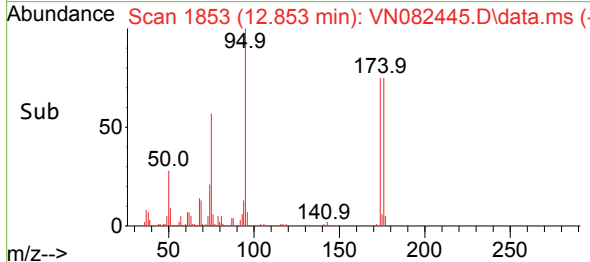
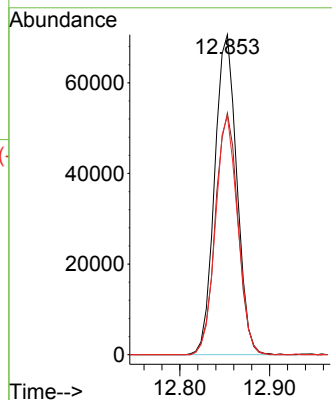
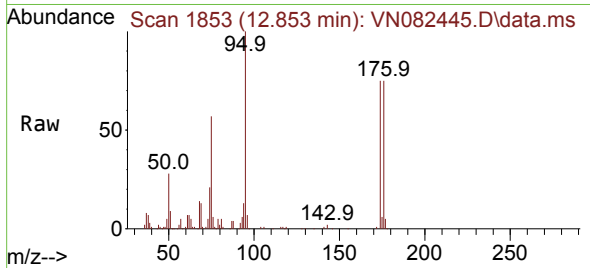




#62
4-Bromofluorobenzene
Concen: 52.085 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

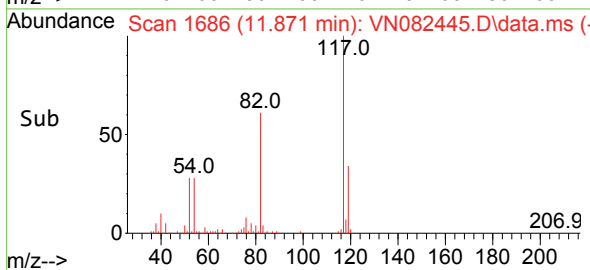
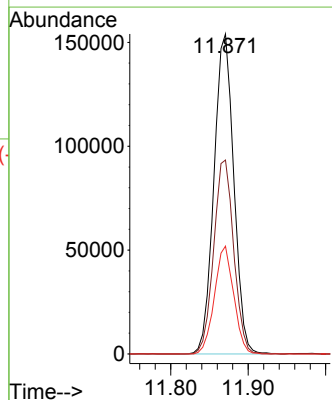
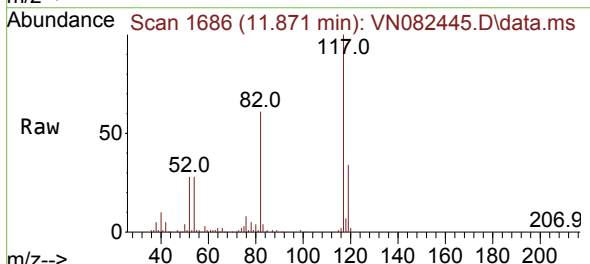
Instrument :
MSVOA_N
ClientSampleId :

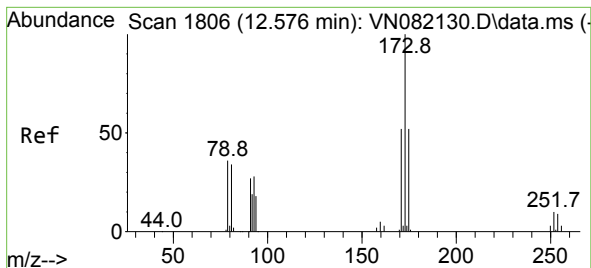
Tgt Ion: 95 Resp: 120817
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 75.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 117 Resp: 273971
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 33.7 25.9 38.9





#71

Bromoform

Concen: 0.822 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

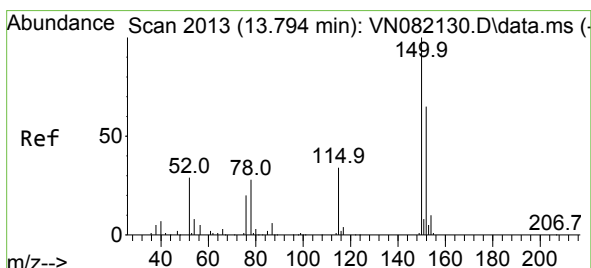
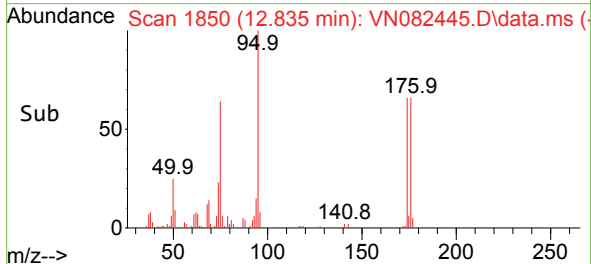
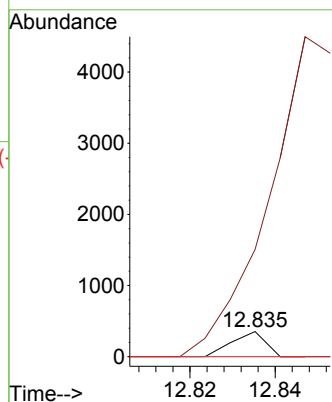
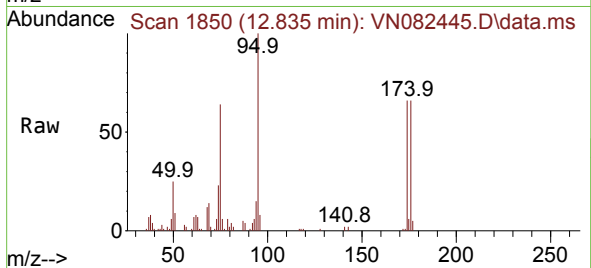
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 194

Ion	Ratio	Lower	Upper
173	100		
175	2569.6	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

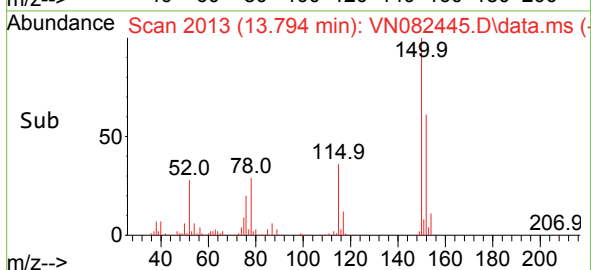
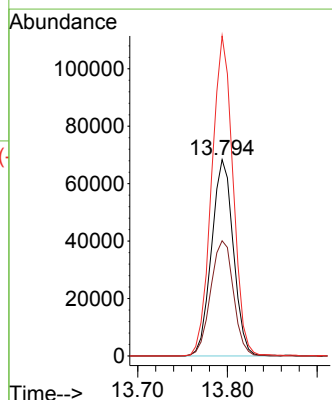
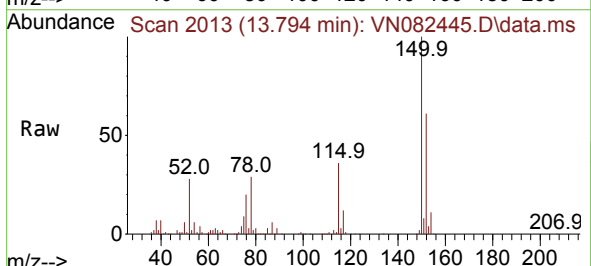
Delta R.T. 0.000 min

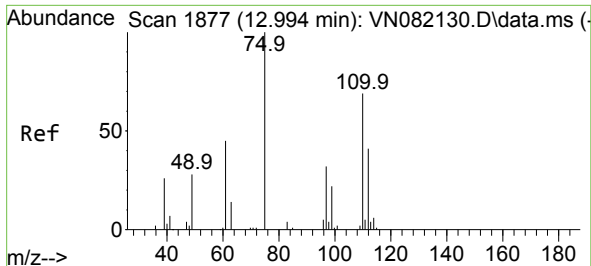
Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Tgt Ion:152 Resp: 115210

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.4	91.3
150	160.0	0.0	353.2

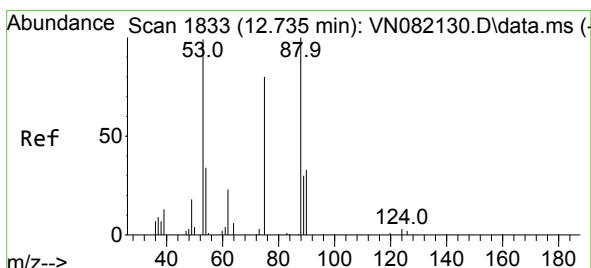
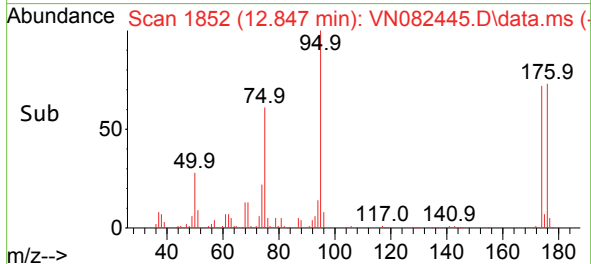
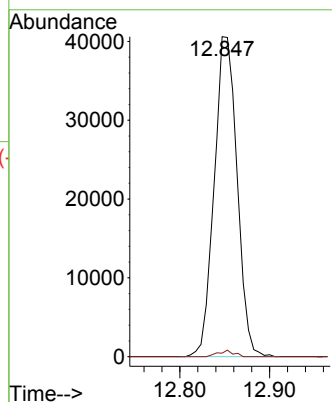
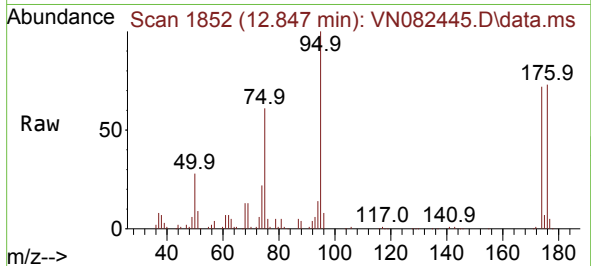




#76
1,2,3-Trichloropropane
Concen: 29.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 71943
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.393 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 75 Resp: 71943
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

