

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082899.D
 Acq On : 12 Jul 2024 15:04
 Operator : JC\MD
 Sample : P3229-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 15 01:12:24 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)

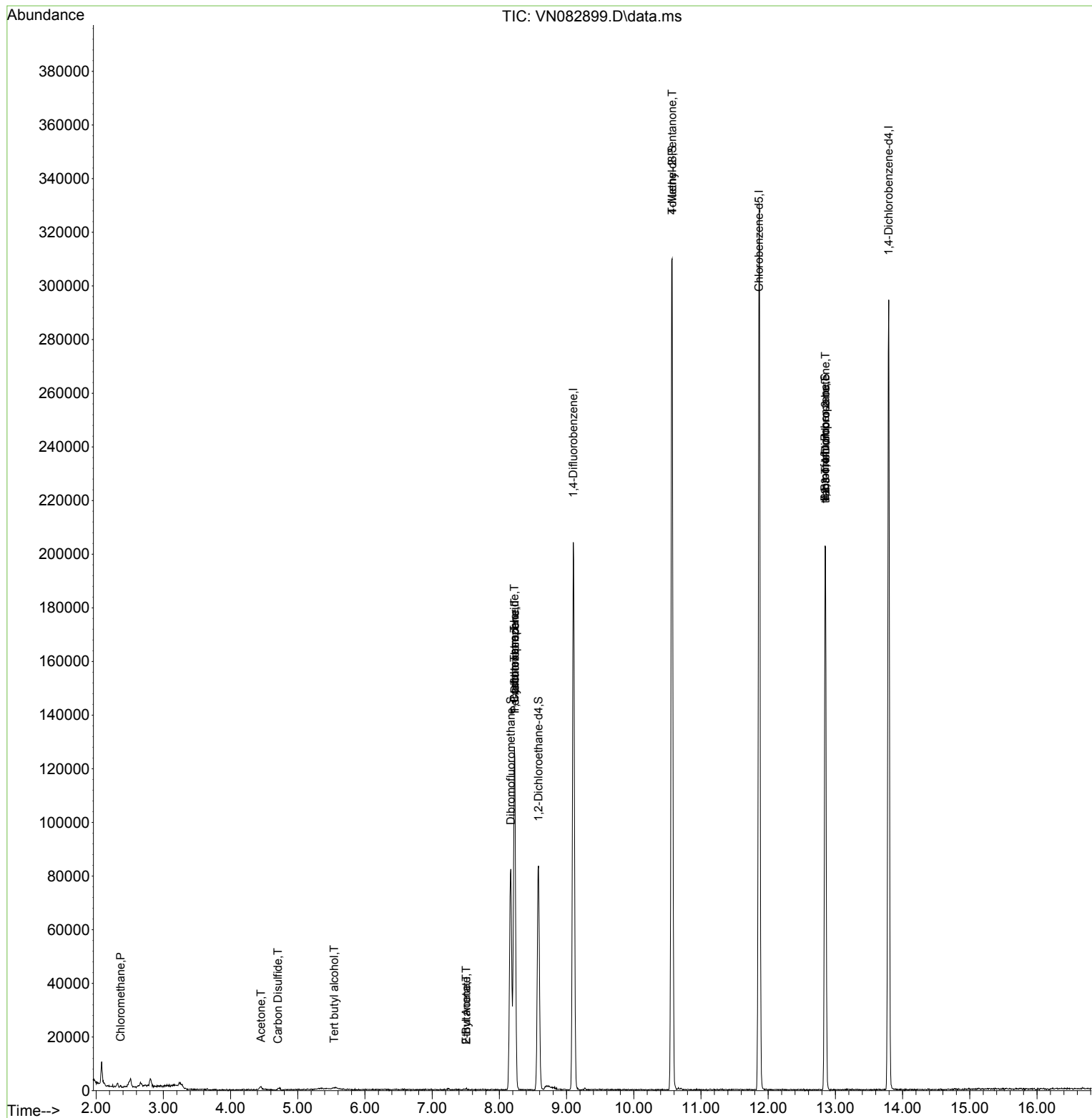
Internal Standards						
1) Pentafluorobenzene	8.230	168	88833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	171262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	183457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69843	56.087	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.180%	
35) Dibromofluoromethane	8.171	113	58396	53.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	10.571	98	212293	52.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.847	95	67675	46.416	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	375	0.344	ug/l #	43
11) Tert butyl alcohol	5.542	59	55	0.263	ug/l #	71
16) Acetone	4.453	43	2088	4.763	ug/l #	65
17) Carbon Disulfide	4.706	76	1109	0.409	ug/l #	75
25) 2-Butanone	7.506	43	530	0.801	ug/l #	53
31) Cyclohexane	8.224	56	2009	1.234	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	7809	5.154	ug/l #	48
37) Ethyl Acetate	7.506	43	530	0.344	ug/l #	72
38) Carbon Tetrachloride	8.224	117	9722	5.329	ug/l #	16
43) Isopropyl Acetate	8.700	43	1209	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1017	0.665	ug/l #	1
71) Bromoform	12.847	173	686	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38146	29.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38146	57.323	ug/l #	6

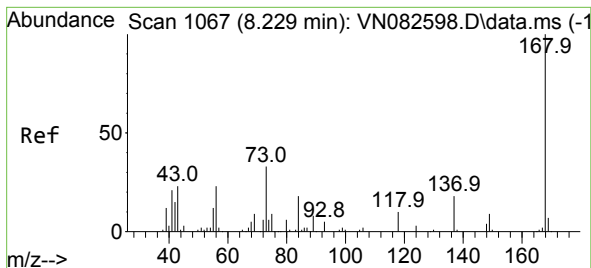
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

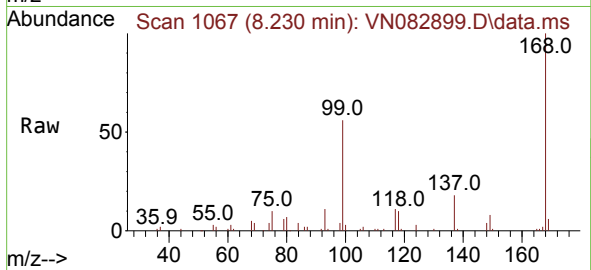
Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

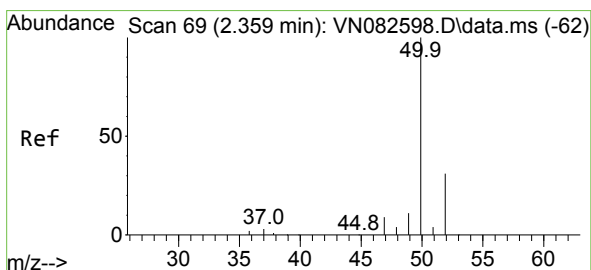
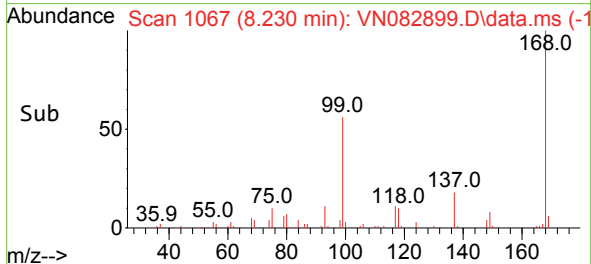
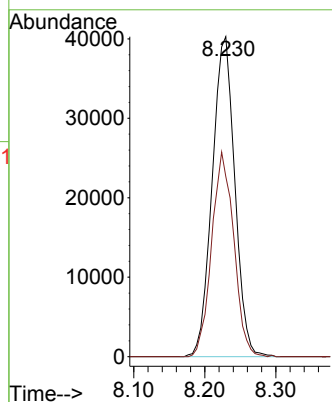


Tgt Ion:168 Resp: 88833

Ion Ratio Lower Upper

168 100

99 56.3 48.2 72.4



#3

Chloromethane

Concen: 0.344 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082899.D

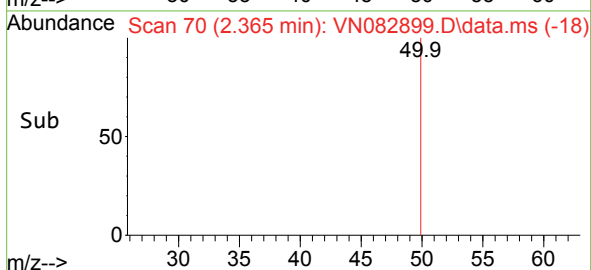
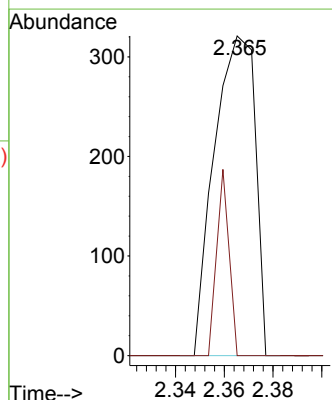
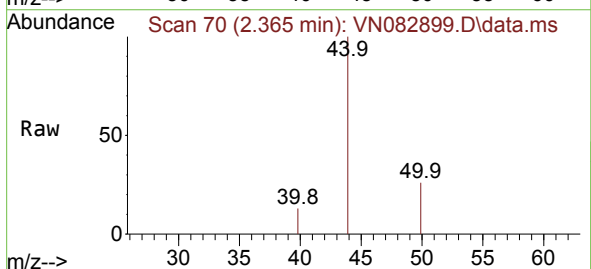
Acq: 12 Jul 2024 15:04

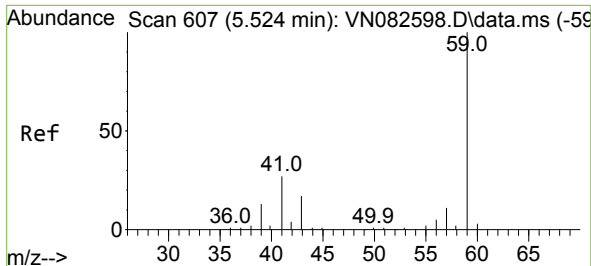
Tgt Ion: 50 Resp: 375

Ion Ratio Lower Upper

50 100

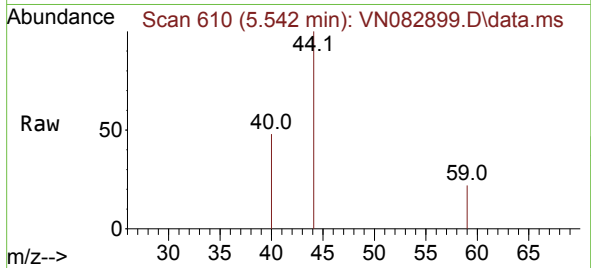
52 0.0 25.0 37.4#



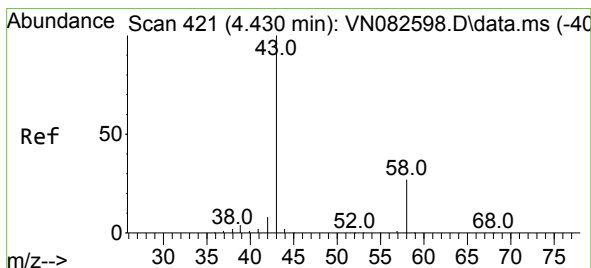
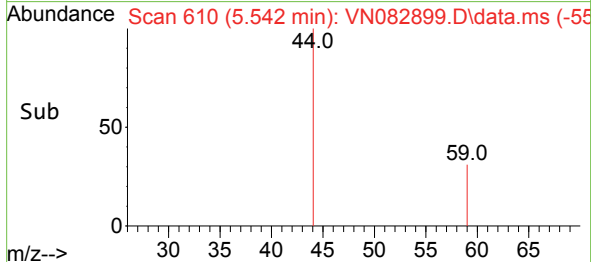
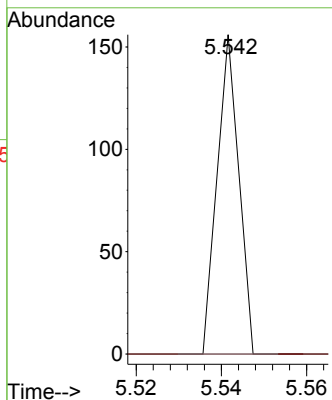


#11
Tert butyl alcohol
Concen: 0.263 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :

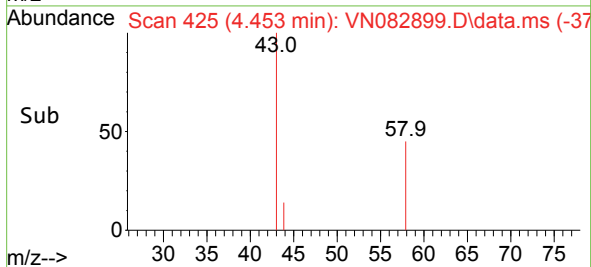
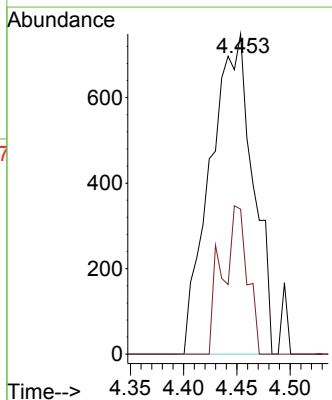
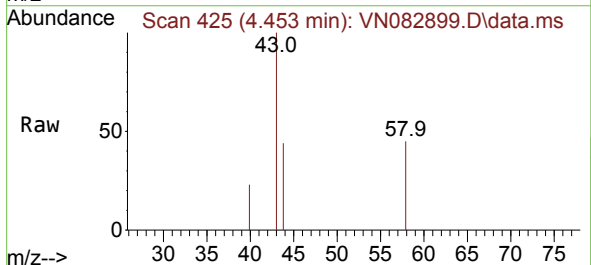


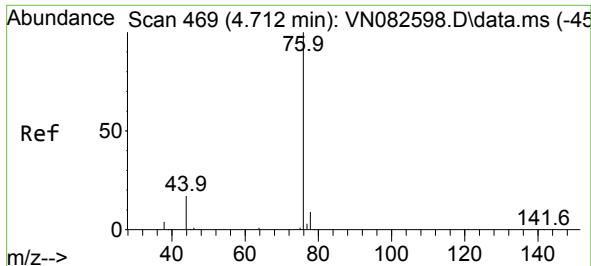
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 4.763 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

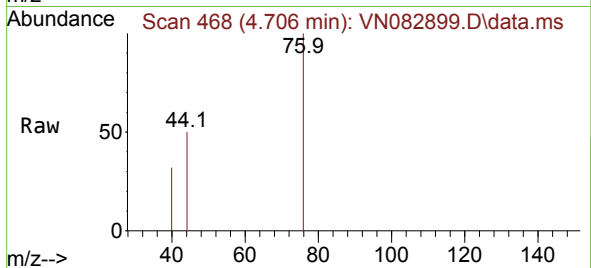
Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
58 45.3 21.8 32.6#



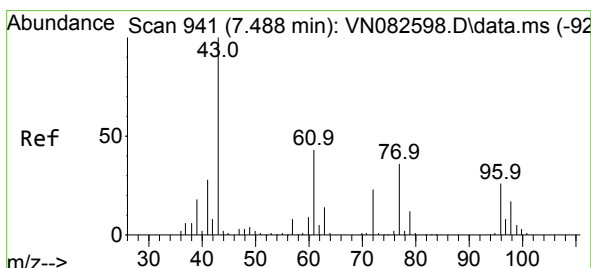
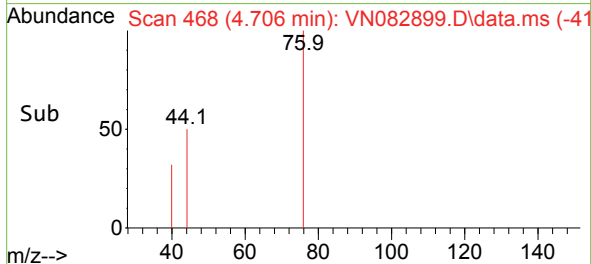
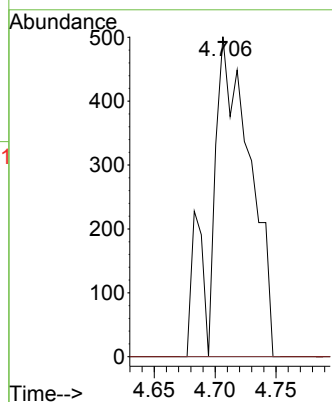


#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :

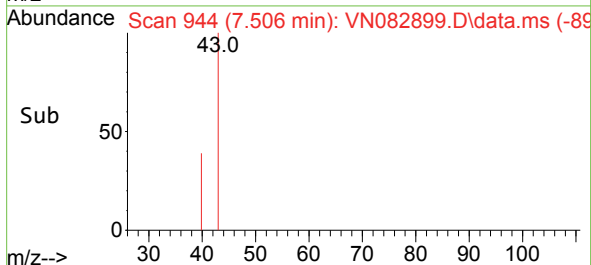
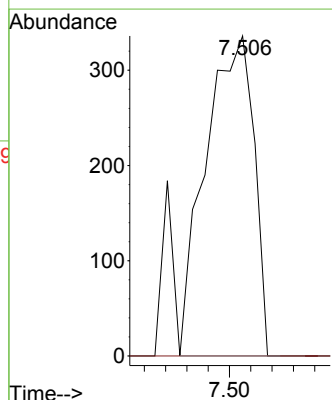
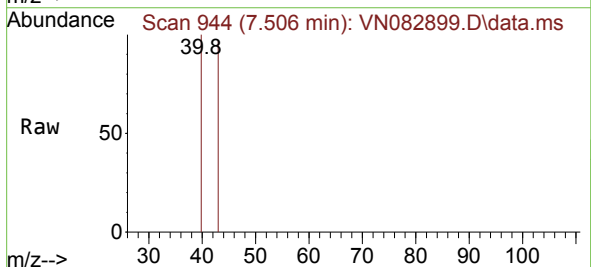


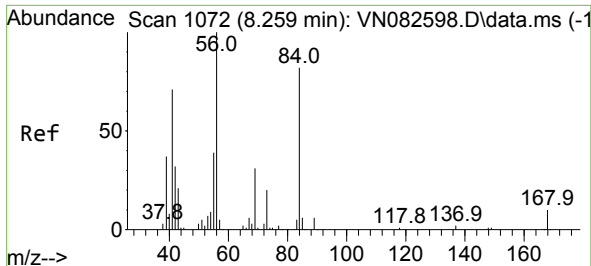
Tgt Ion: 76 Resp: 1109
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.801 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

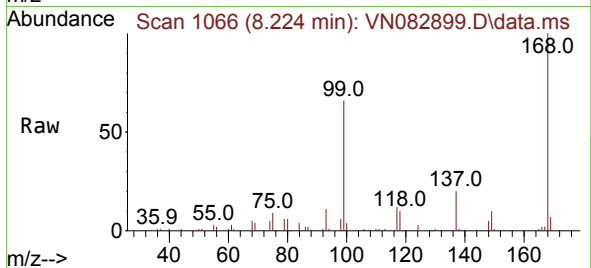
Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



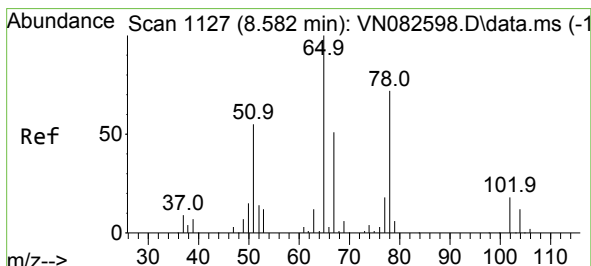
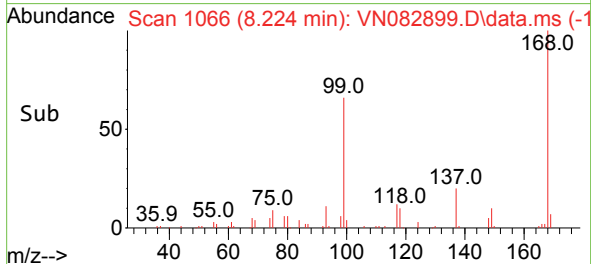
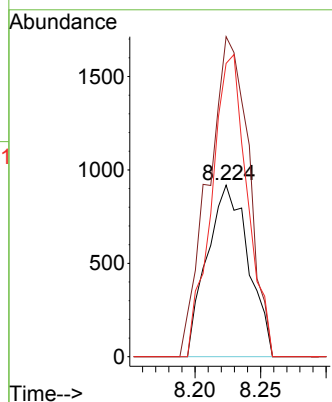


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :

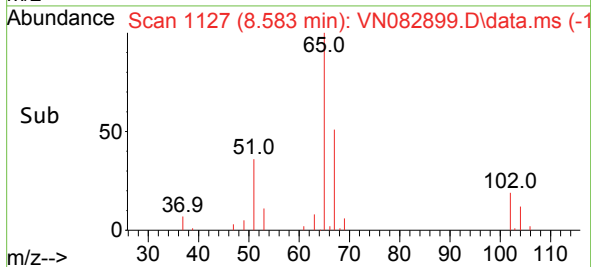
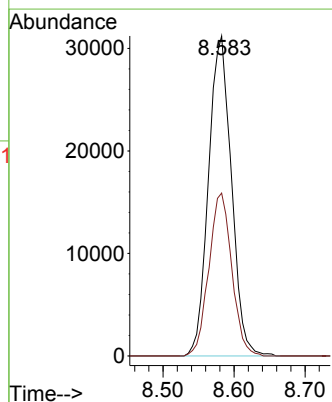
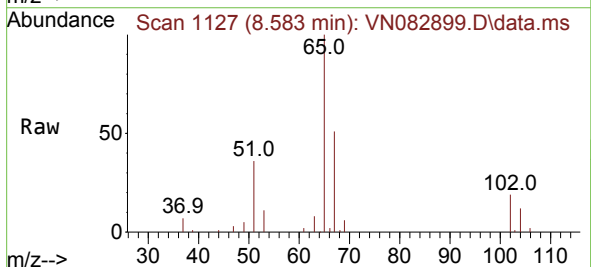


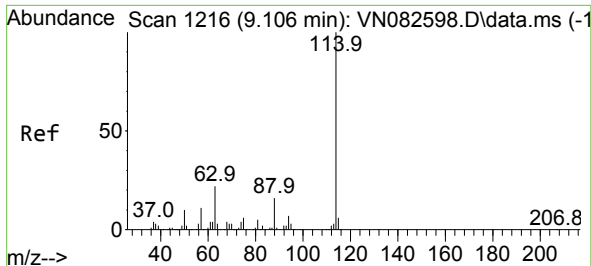
Tgt Ion: 56 Resp: 2009
Ion Ratio Lower Upper
56 100
69 186.6 24.5 36.7#
84 171.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.087 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

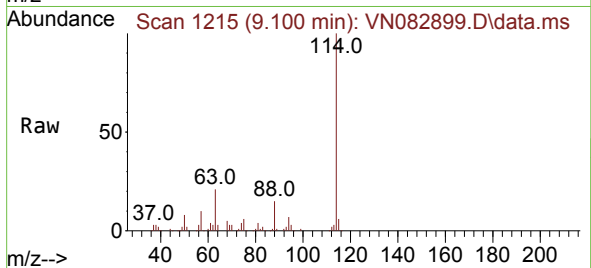
Tgt Ion: 65 Resp: 69843
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



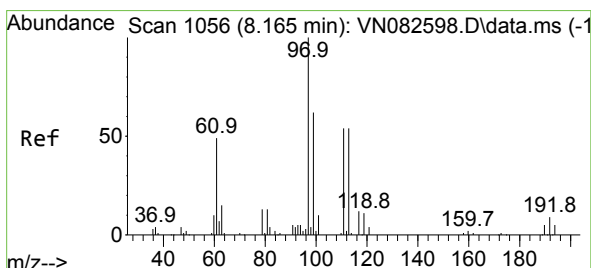
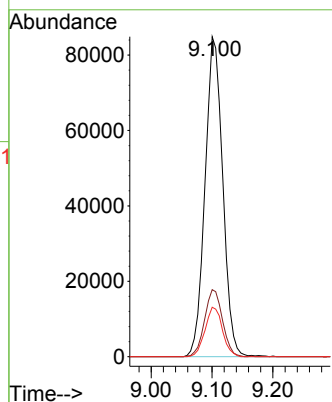
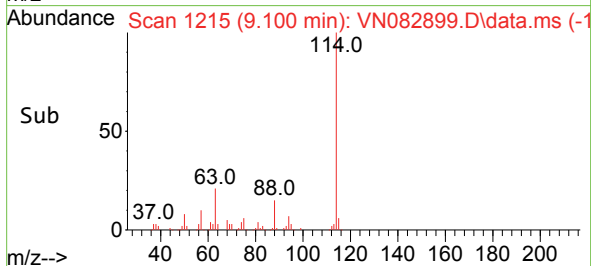


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :

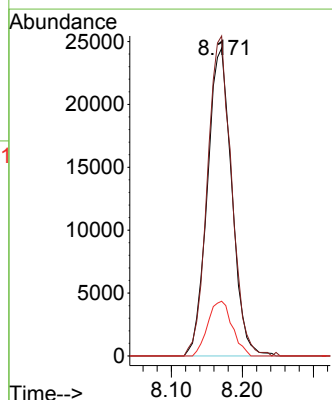
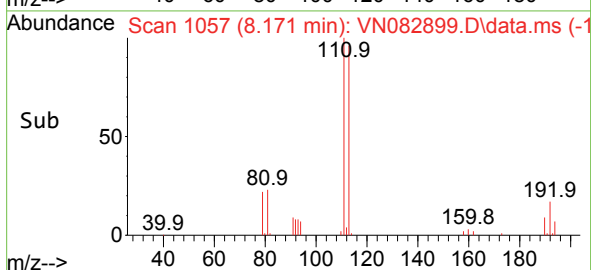
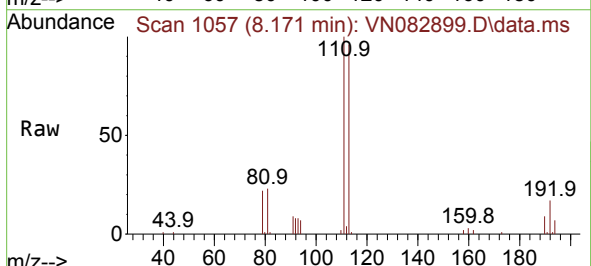


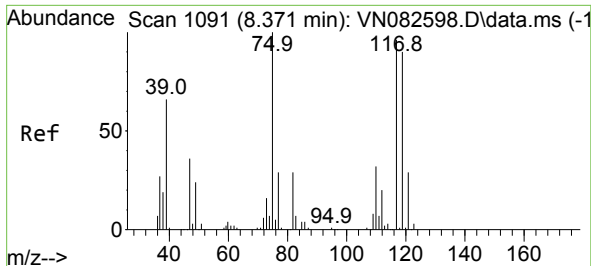
Tgt Ion:114 Resp: 171262
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.138 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Tgt Ion:113 Resp: 58396
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.154 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

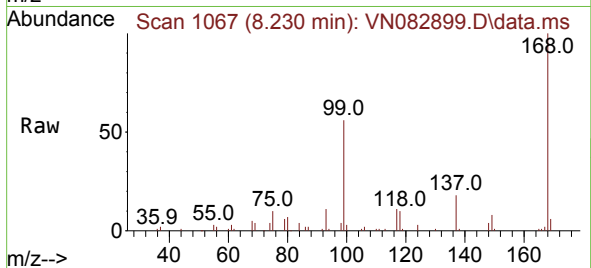
Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

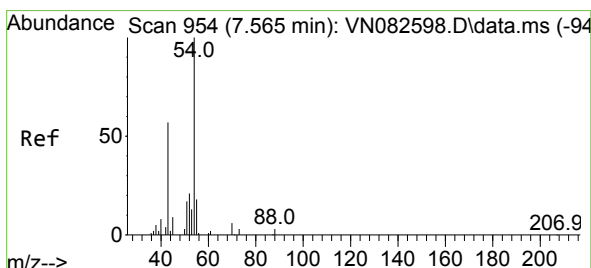
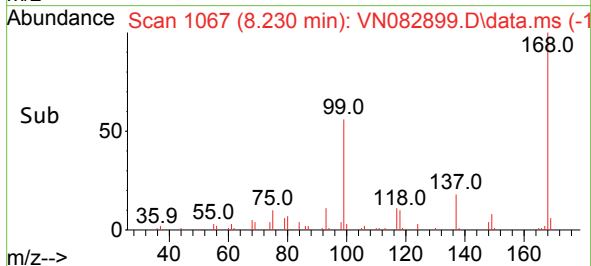
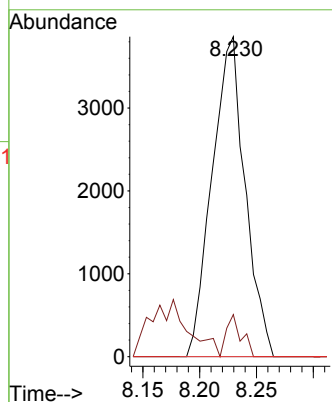
Instrument :

MSVOA_N

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Tgt Ion:	75	Resp:	7809
Ion	Ratio	Lower	Upper
75	100		
110	5.9	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 0.344 ug/l

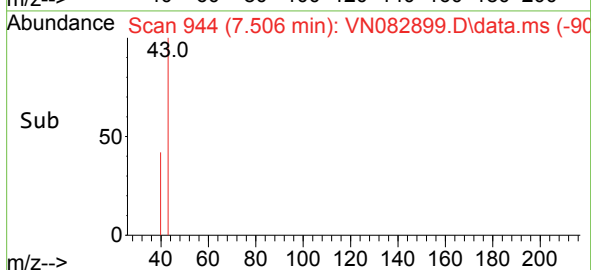
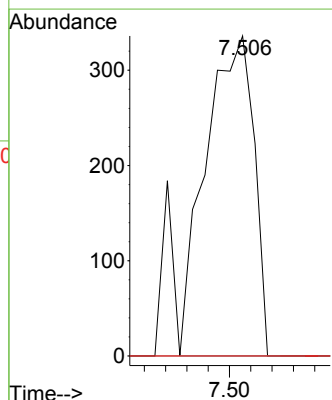
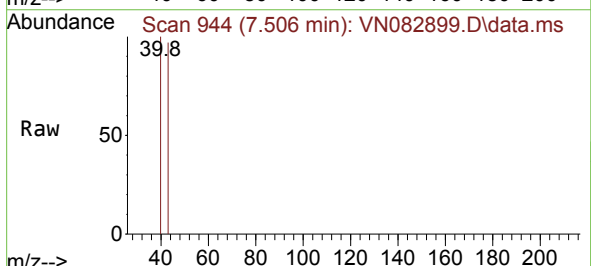
RT: 7.506 min Scan# 944

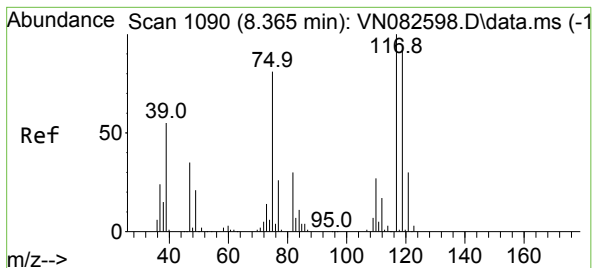
Delta R.T. -0.059 min

Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Tgt Ion:	43	Resp:	530
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#





#38

Carbon Tetrachloride

Concen: 5.329 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

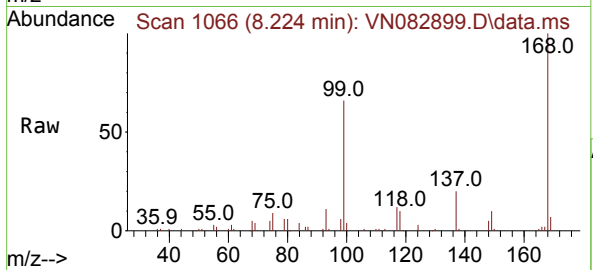
Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :



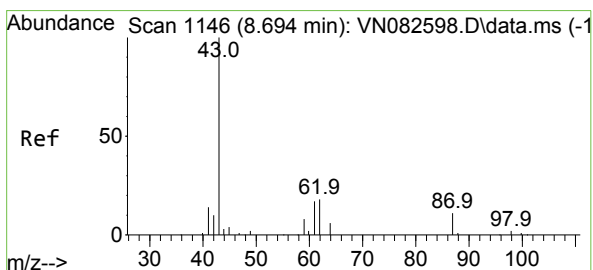
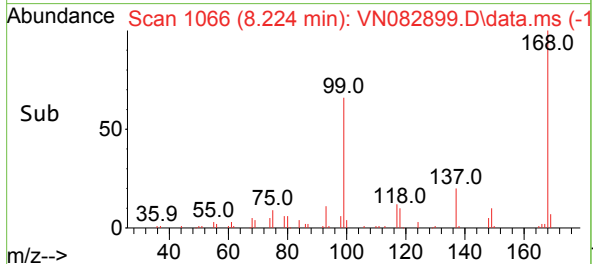
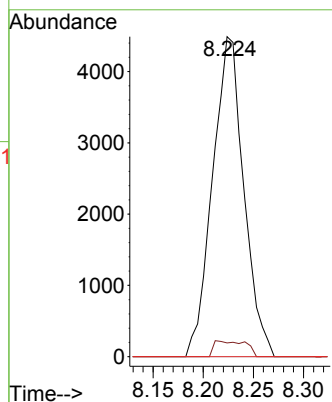
Tgt Ion:117 Resp: 9722

Ion Ratio Lower Upper

117 100

119 4.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

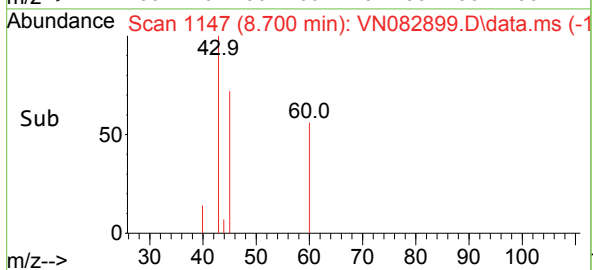
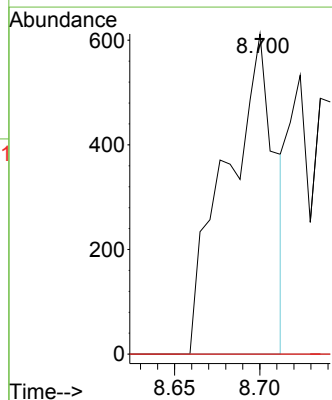
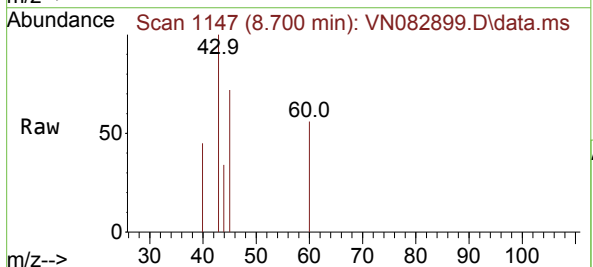
Tgt Ion: 43 Resp: 1209

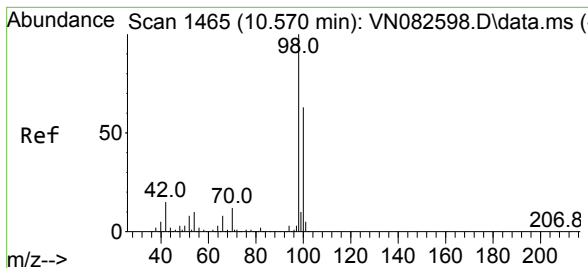
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

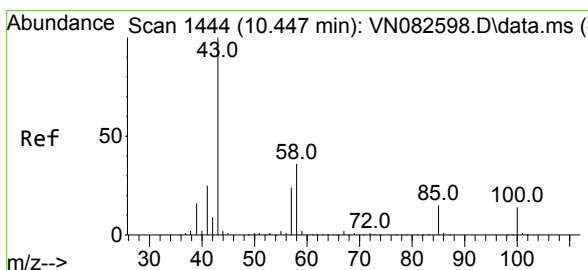
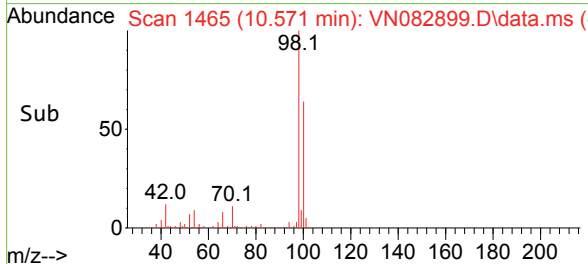
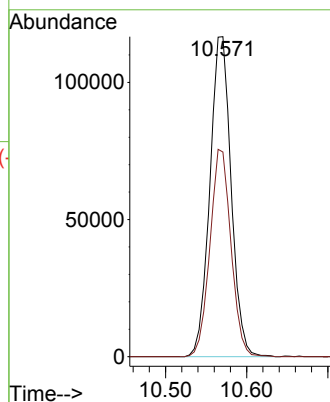
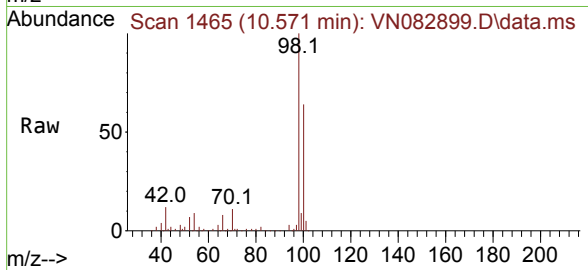




#50
Toluene-d8
Concen: 52.303 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

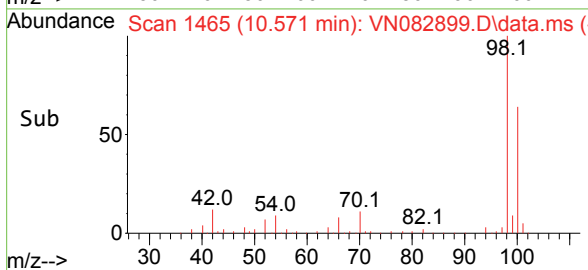
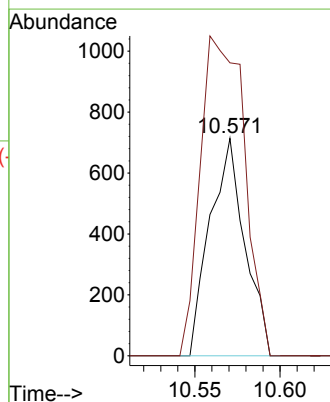
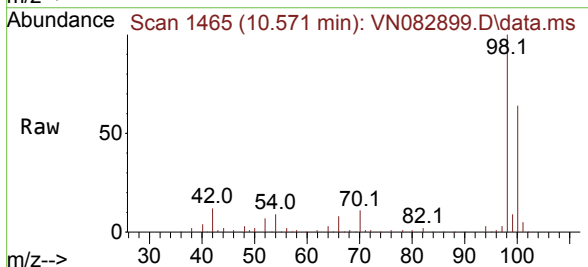
Instrument :
MSVOA_N
ClientSampleId :

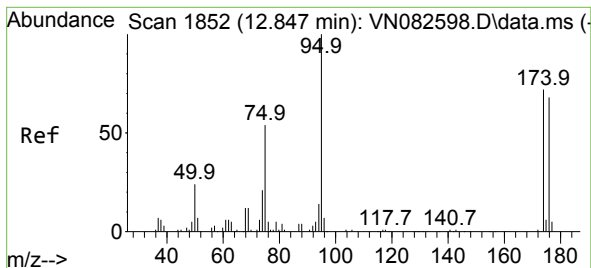
Tgt Ion: 98 Resp: 212293
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.665 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 186.0 28.2 42.4#

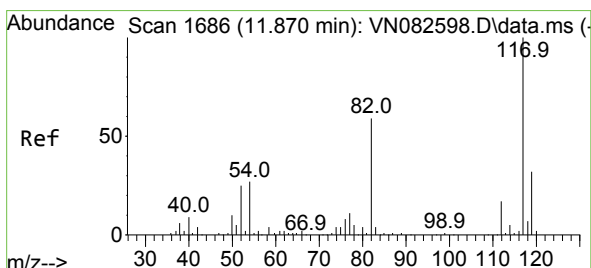
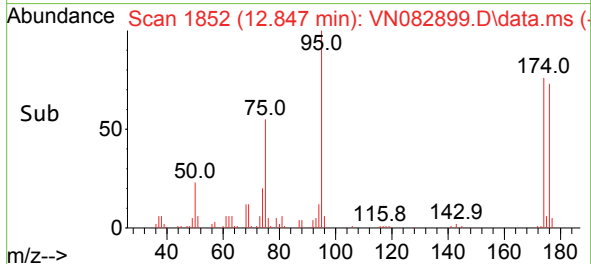
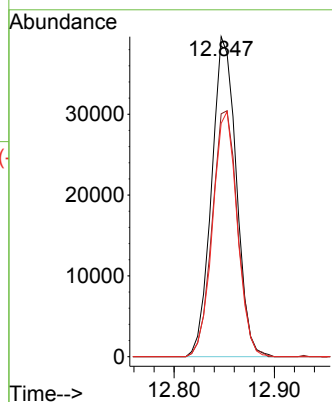
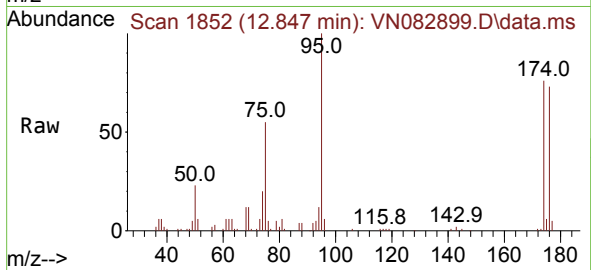




#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

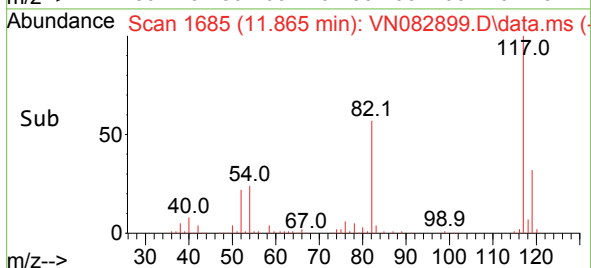
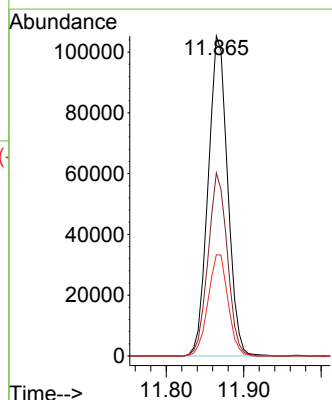
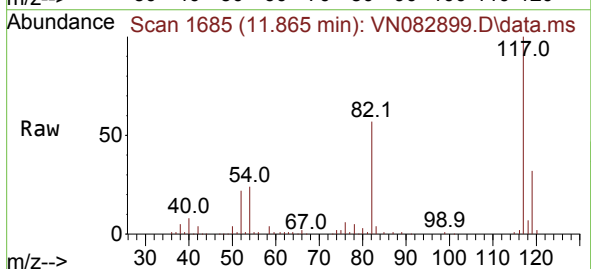
Instrument :
MSVOA_N
ClientSampleId :

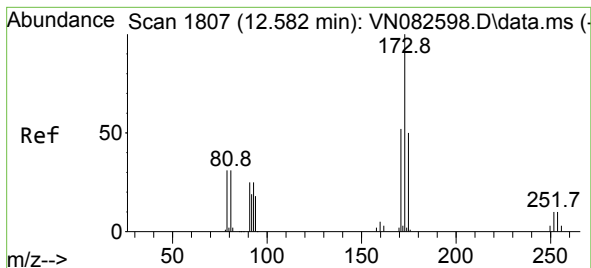
Tgt Ion: 95 Resp: 67675
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 76.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082899.D
Acq: 12 Jul 2024 15:04

Tgt Ion: 117 Resp: 183457
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.624 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

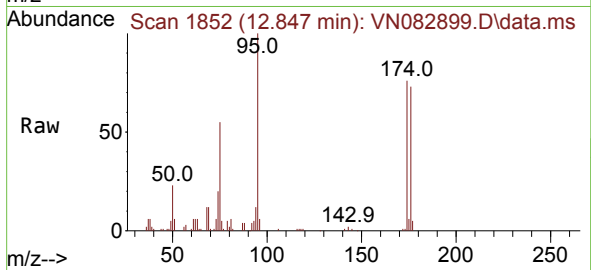
Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

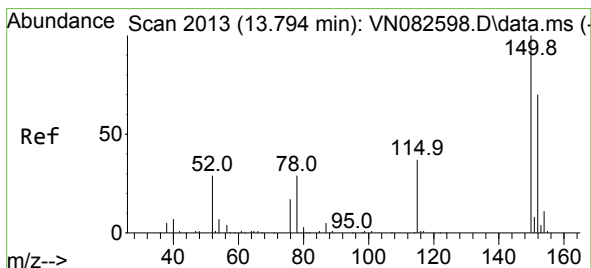
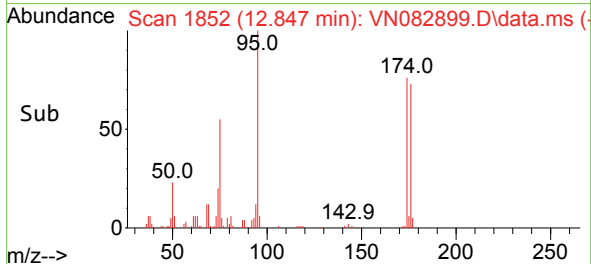
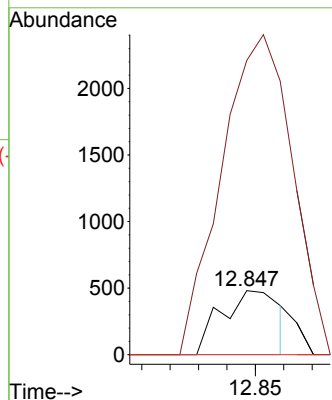
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	686
Ion Ratio	Lower	Upper	
173	100		
175	518.2	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

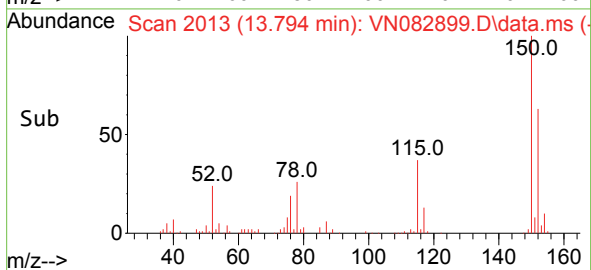
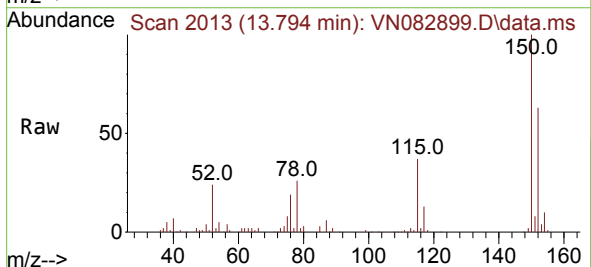
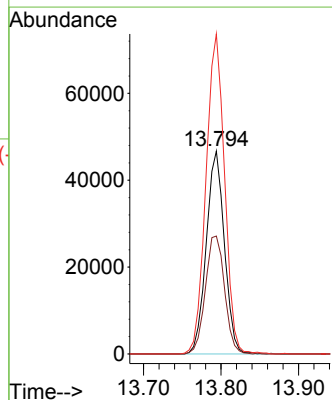
RT: 13.794 min Scan# 2013

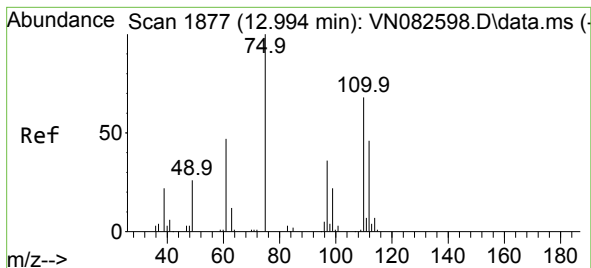
Delta R.T. -0.000 min

Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Tgt Ion:	152	Resp:	75912
Ion Ratio	Lower	Upper	
152	100		
115	61.5	30.6	91.6
150	161.5	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 29.147 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Instrument :

MSVOA_N

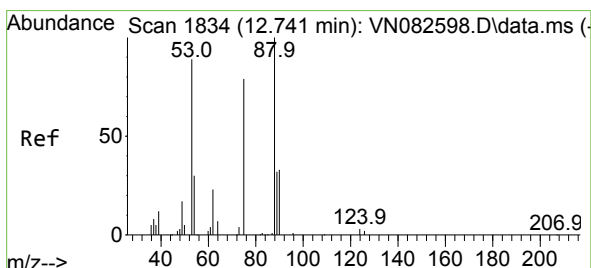
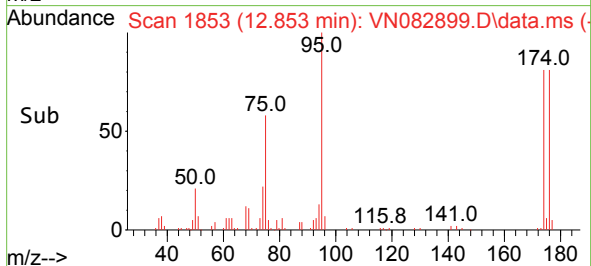
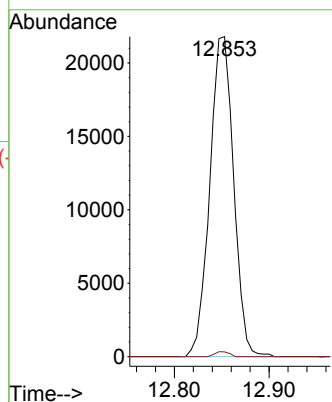
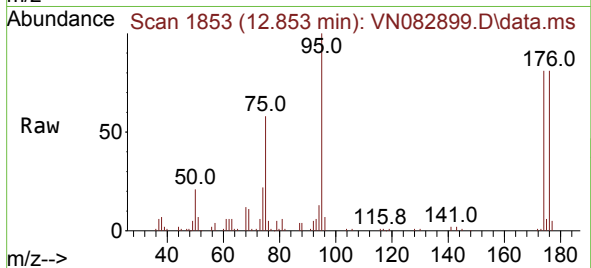
ClientSampleId :

Tgt Ion: 75 Resp: 38146

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.323 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082899.D

Acq: 12 Jul 2024 15:04

Tgt Ion: 75 Resp: 38146

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

