

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083759.D
 Acq On : 10 Sep 2024 18:08
 Operator : JC\MD
 Sample : P3868-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 11 03:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

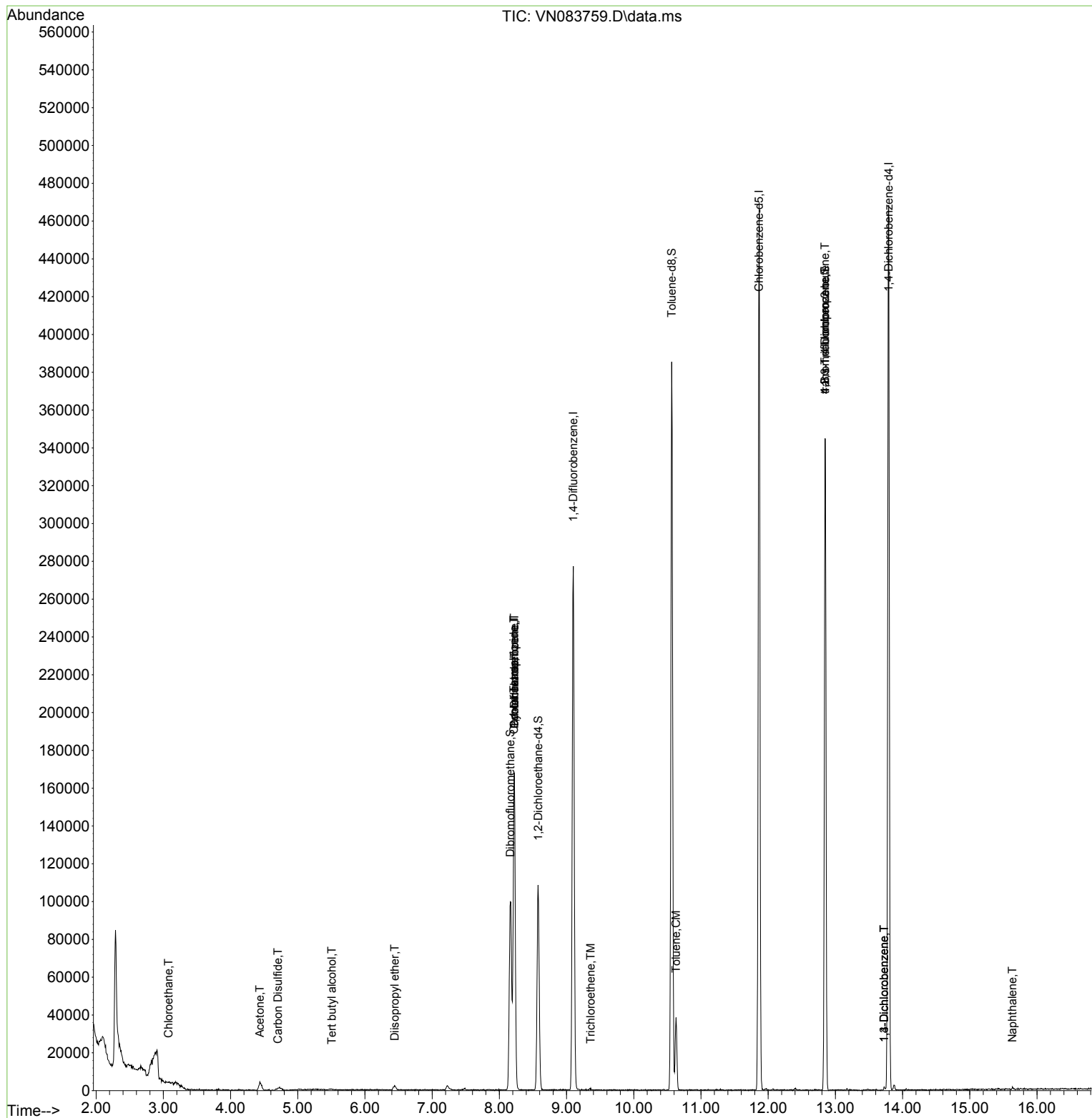
Internal Standards						
1) Pentafluorobenzene	8.224	168	112306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91932	54.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	8.165	113	73153	49.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.680%	
50) Toluene-d8	10.565	98	256735	50.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.847	95	117704	55.662	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1430	Below Cal	#	81
6) Chloroethane	3.077	64	853	0.851	ug/l #	45
11) Tert butyl alcohol	5.506	59	58	0.256	ug/l #	71
16) Acetone	4.436	43	2968	4.372	ug/l	99
17) Carbon Disulfide	4.706	76	1860	0.547	ug/l #	75
18) Methyl Acetate	5.018	43	298	Below Cal		94
22) Diisopropyl ether	6.441	45	1430	0.321	ug/l #	6
31) Cyclohexane	8.224	56	2942	1.202	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	10765	4.824	ug/l #	49
38) Carbon Tetrachloride	8.218	117	12876	5.086	ug/l #	15
44) Trichloroethene	9.359	130	345	0.222	ug/l	91
52) Toluene	10.629	92	16740	4.075	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	66481	28.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66481	73.245	ug/l #	9
87) 1,3-Dichlorobenzene	13.723	146	1003	0.242	ug/l	73
88) 1,4-Dichlorobenzene	13.723	146	1003	0.239	ug/l	73
95) Naphthalene	15.635	128	1430	0.219	ug/l #	69

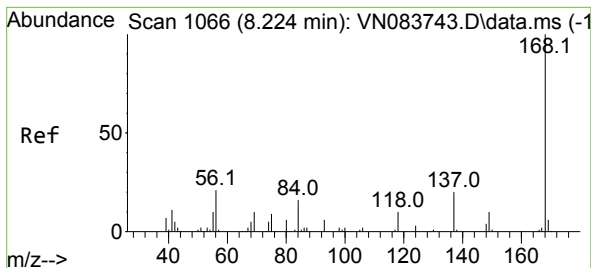
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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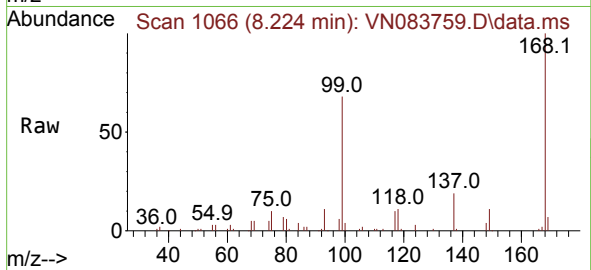
Quant Time: Sep 11 03:17:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 02:47:22 2024
Response via : Initial Calibration



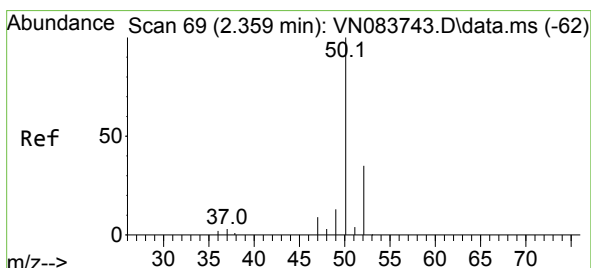
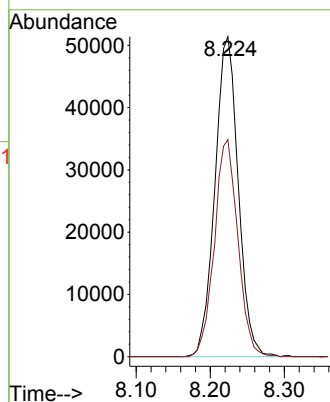
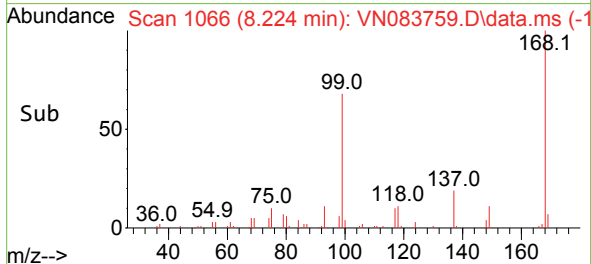


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :

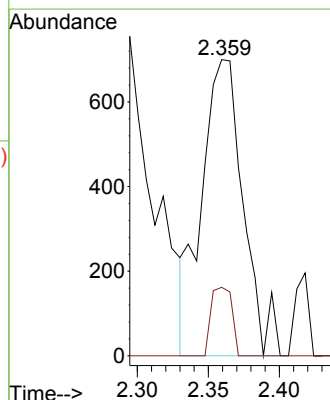
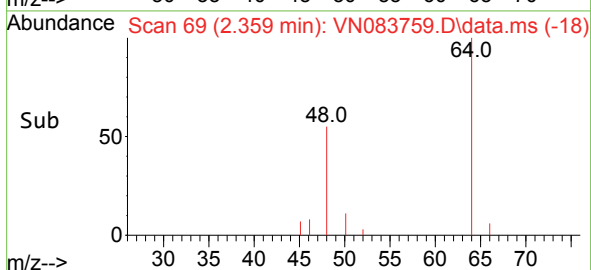
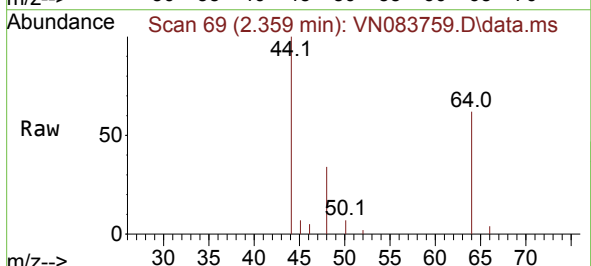


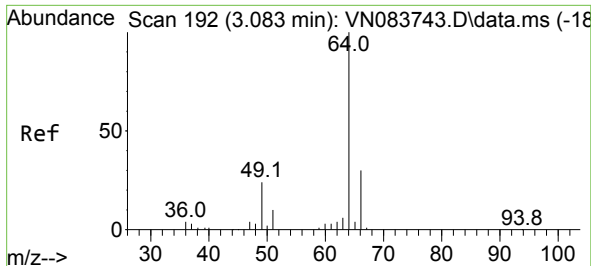
Tgt Ion:168 Resp: 112306
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Tgt Ion: 50 Resp: 1430
Ion Ratio Lower Upper
50 100
52 23.1 27.2 40.8#

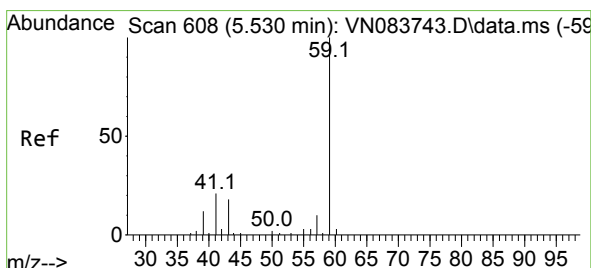
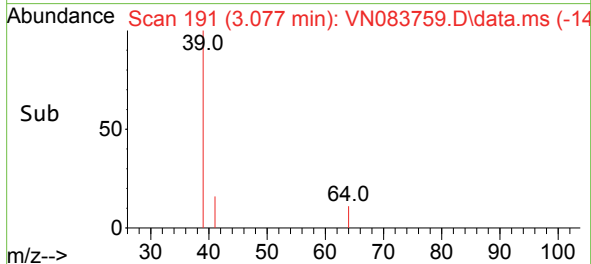
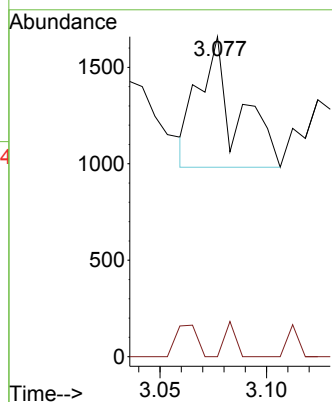
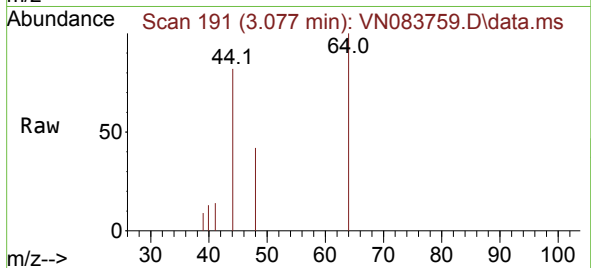




#6
Chloroethane
Concen: 0.851 ug/l
RT: 3.077 min Scan# 192
Delta R.T. -0.006 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

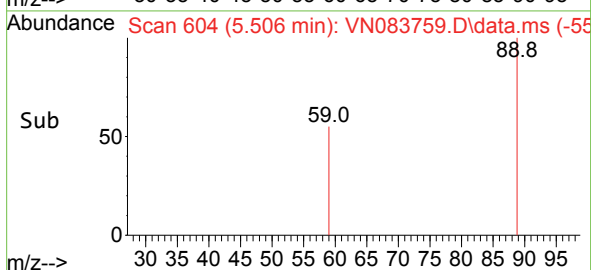
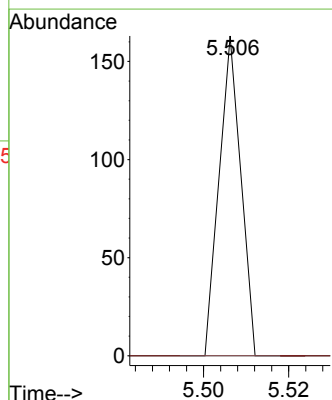
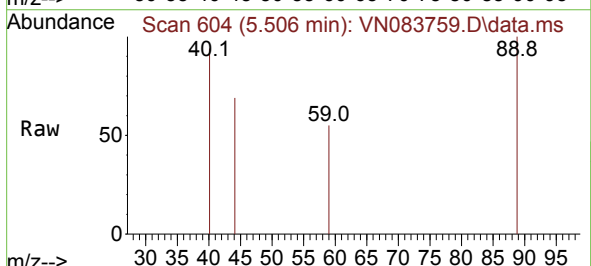
Instrument :
MSVOA_N
ClientSampleId :

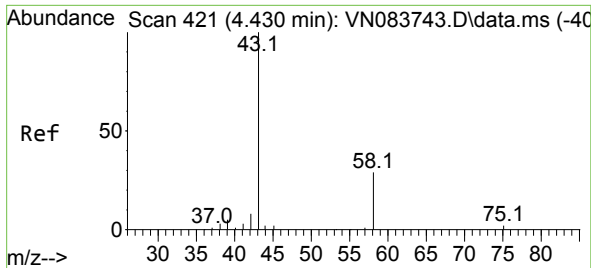
Tgt Ion: 64 Resp: 853
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

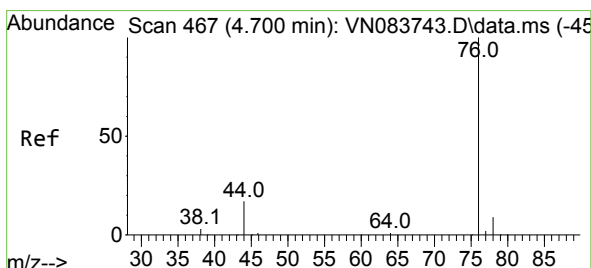
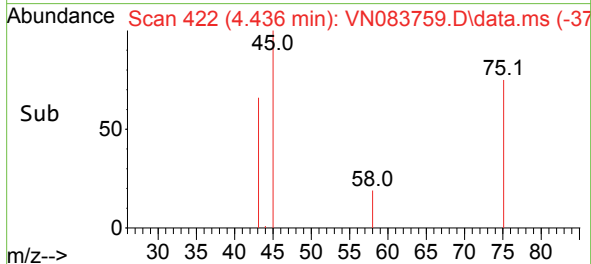
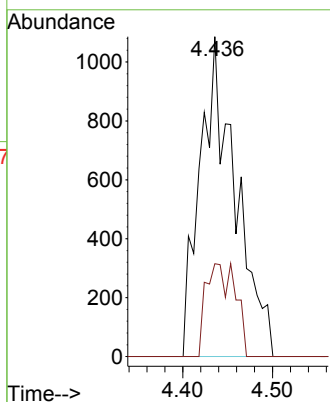
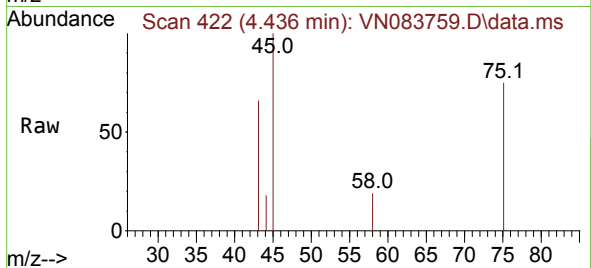




#16
Acetone
Concen: 4.372 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

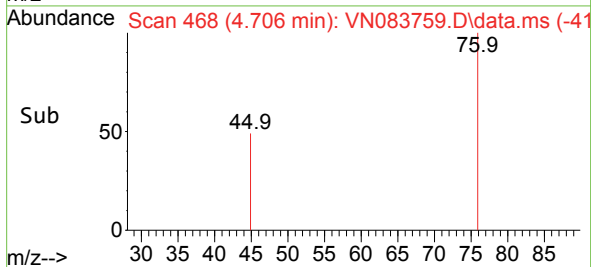
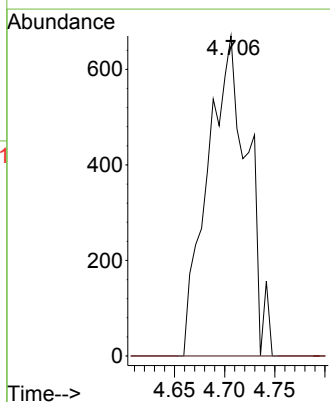
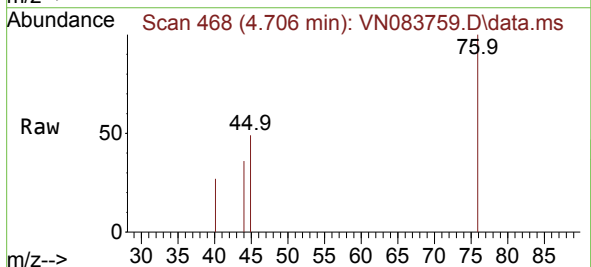
Instrument :
MSVOA_N
ClientSampleId :

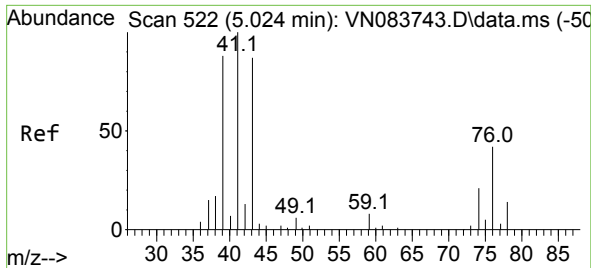
Tgt Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
58 29.0 23.7 35.5



#17
Carbon Disulfide
Concen: 0.547 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

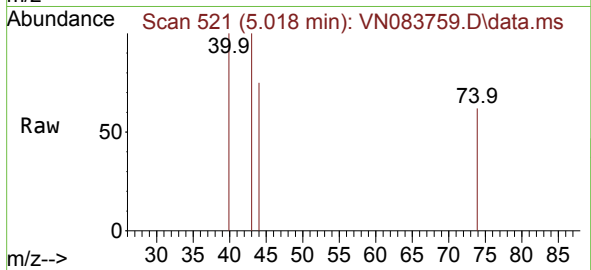
Tgt Ion: 76 Resp: 1860
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



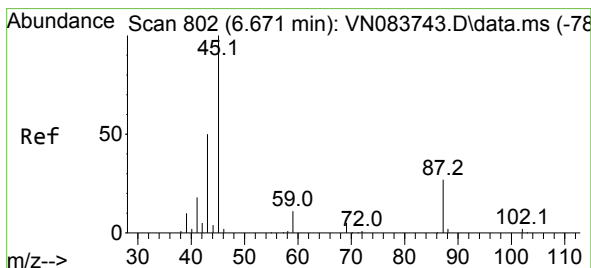
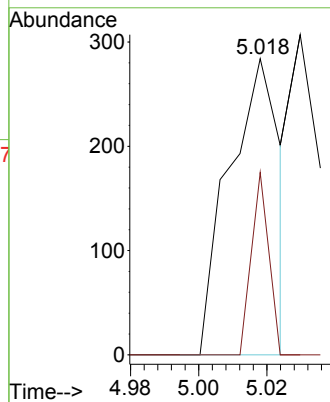
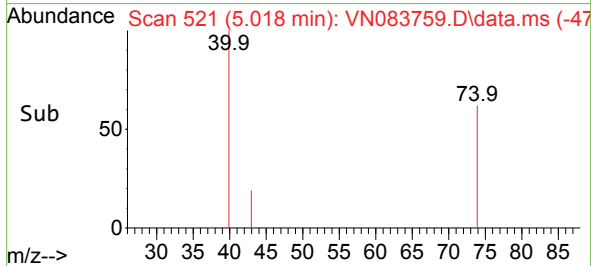


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

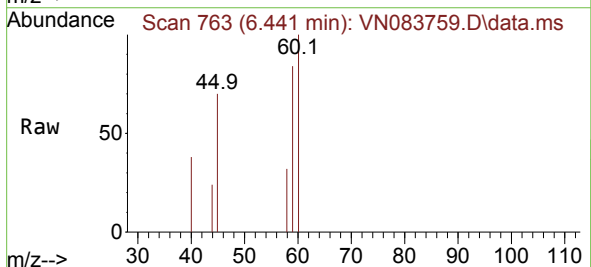
Instrument :
MSVOA_N
ClientSampleId :



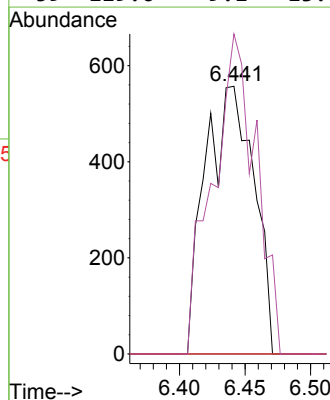
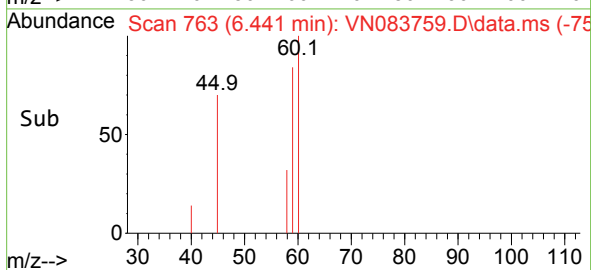
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.4

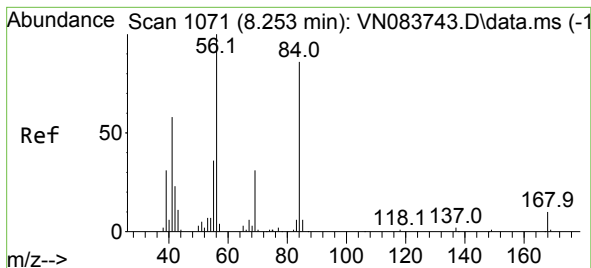


#22
Diisopropyl ether
Concen: 0.321 ug/l
RT: 6.441 min Scan# 763
Delta R.T. -0.229 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08



Tgt Ion: 45 Resp: 1430
Ion Ratio Lower Upper
45 100
43 0.0 43.4 65.0#
87 0.0 22.6 33.8#
59 119.6 9.1 13.7#





#31

Cyclohexane

Concen: 1.202 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

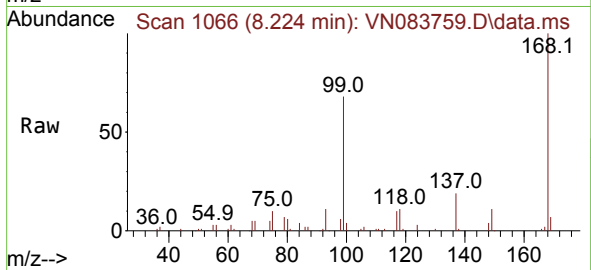
Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :



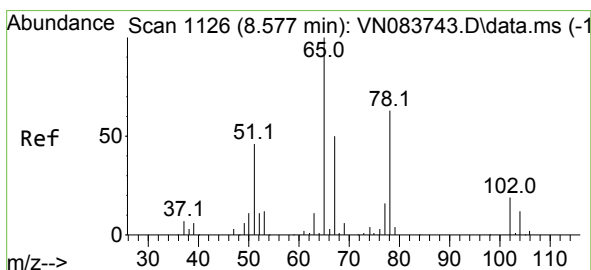
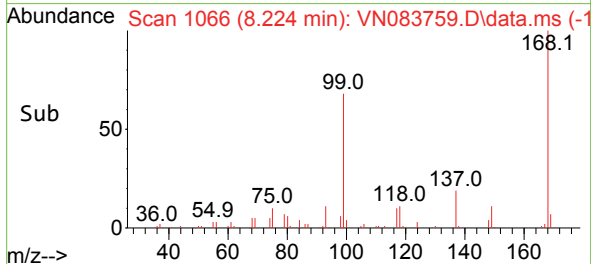
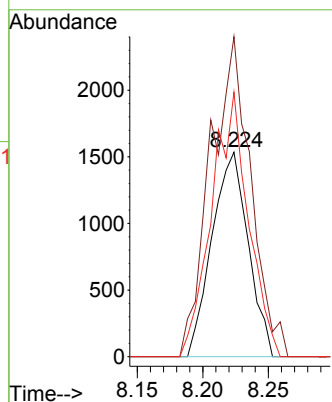
Tgt Ion: 56 Resp: 2942

Ion Ratio Lower Upper

56 100

69 156.5 26.9 40.3#

84 129.3 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 54.288 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083759.D

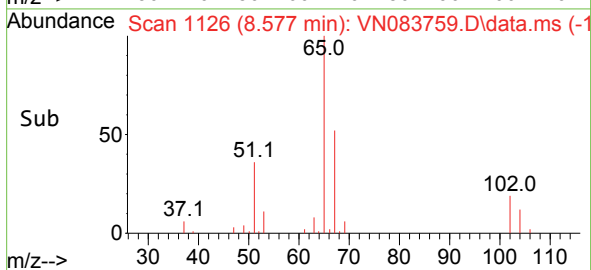
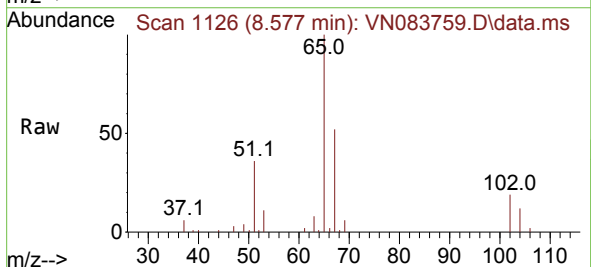
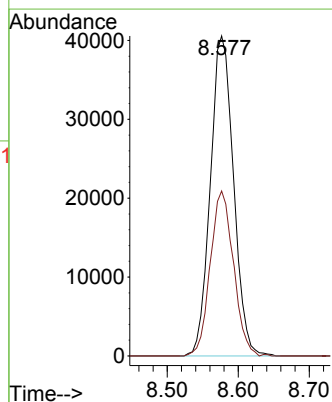
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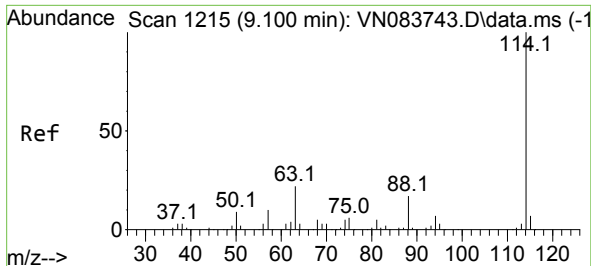
Tgt Ion: 65 Resp: 91932

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

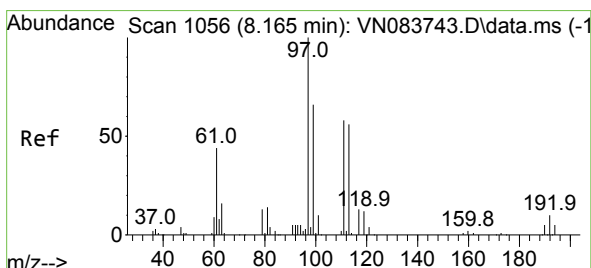
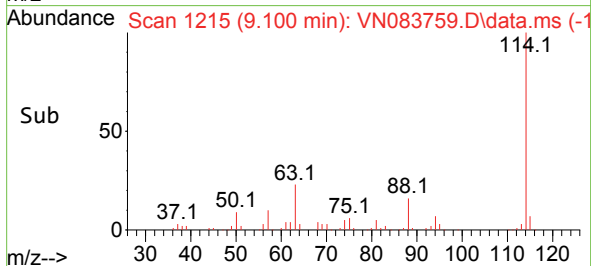
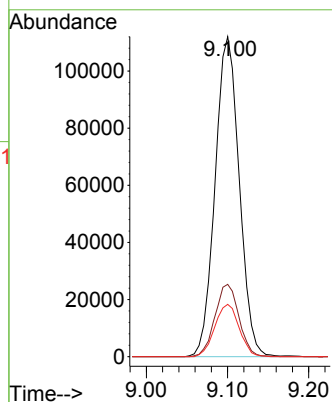
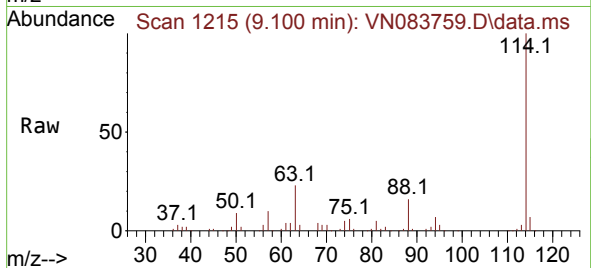
Tgt Ion:114 Resp: 231588

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

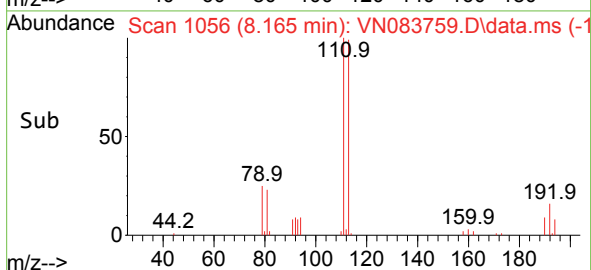
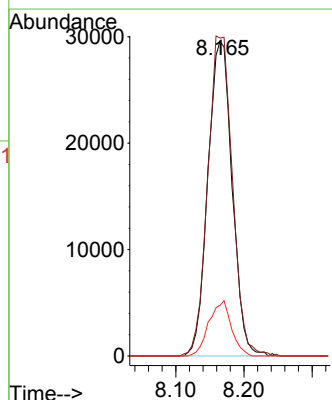
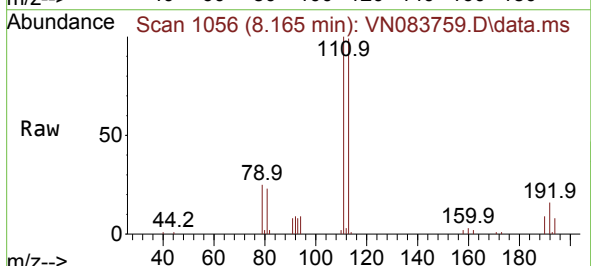
Tgt Ion:113 Resp: 73153

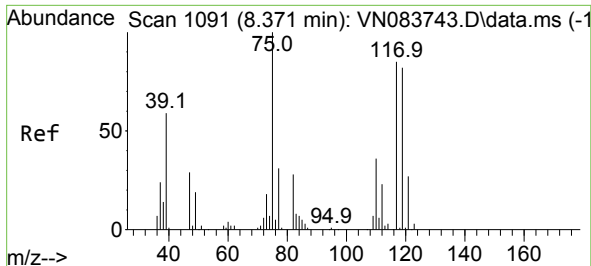
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

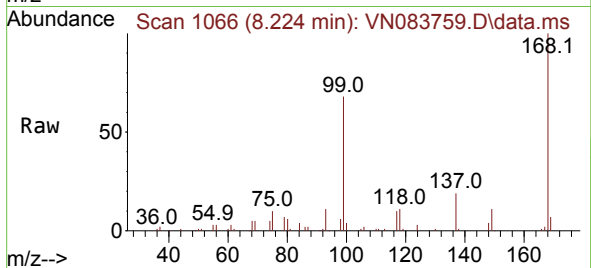
192 16.2 14.3 21.5



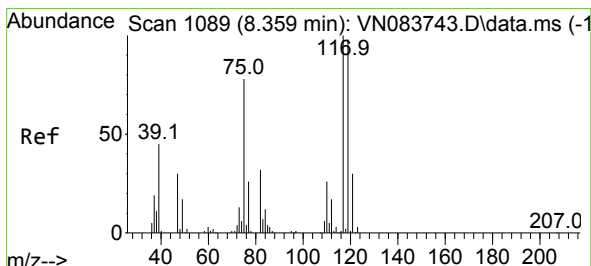
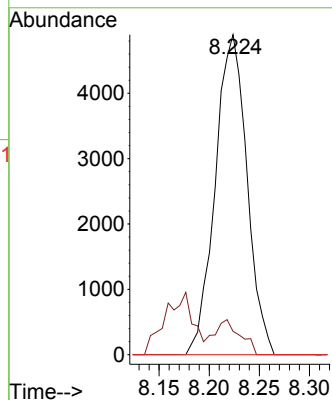
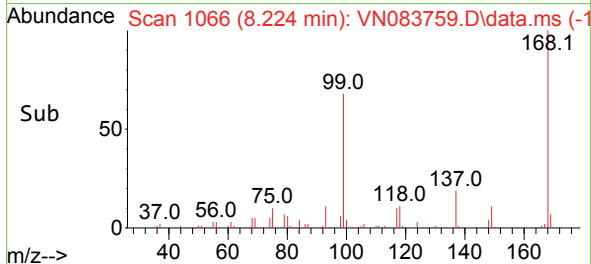


#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :

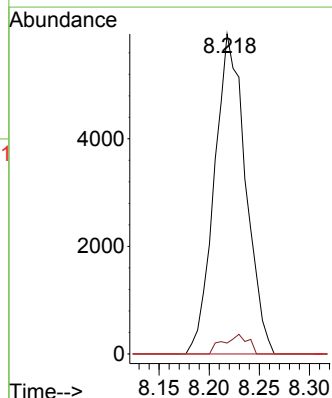
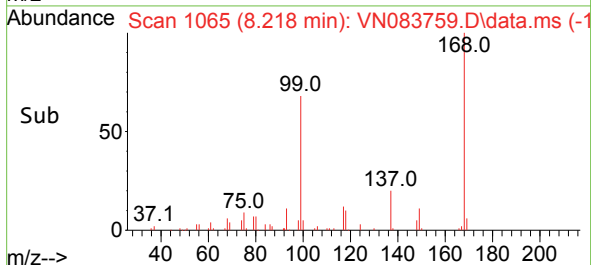
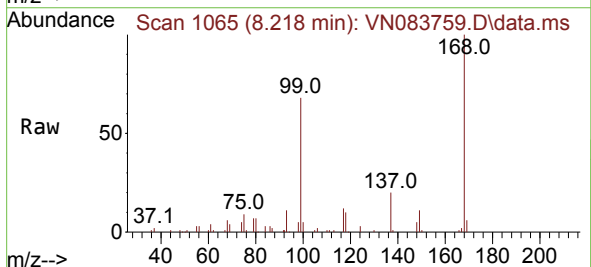


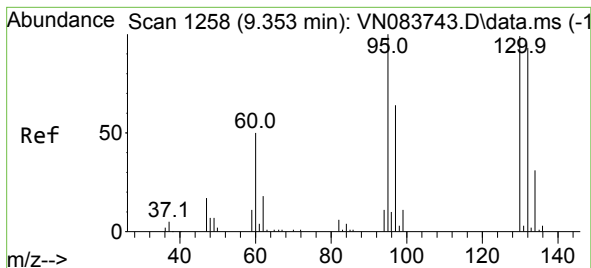
Tgt Ion: 75 Resp: 10765
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.086 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Tgt Ion: 117 Resp: 12876
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.1 36.1#





#44

Trichloroethene

Concen: 0.222 ug/l

RT: 9.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

Instrument :

MSVOA_N

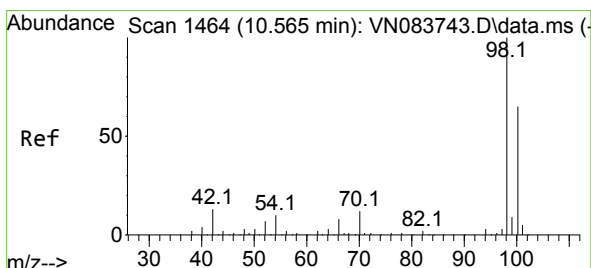
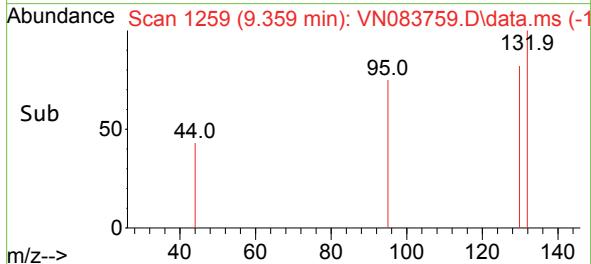
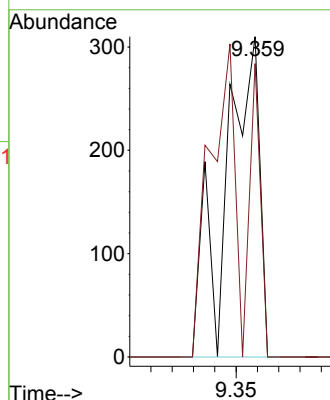
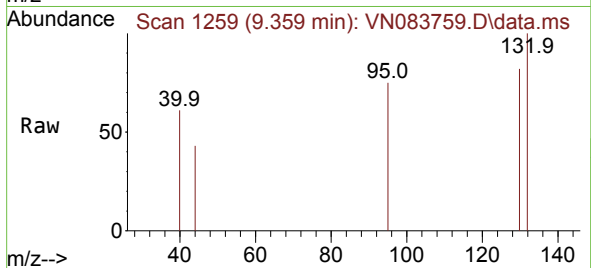
ClientSampleId :

Tgt Ion:130 Resp: 345

Ion Ratio Lower Upper

130 100

95 91.6 0.0 200.4



#50

Toluene-d8

Concen: 50.091 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083759.D

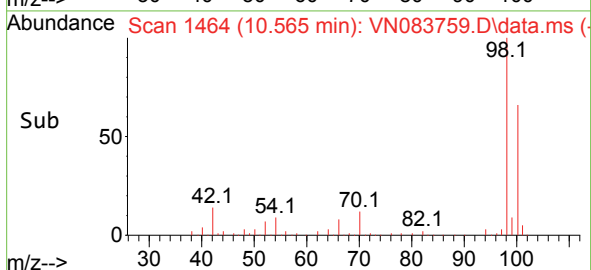
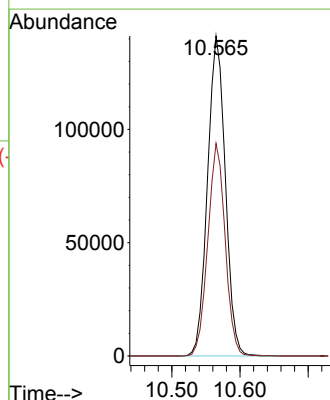
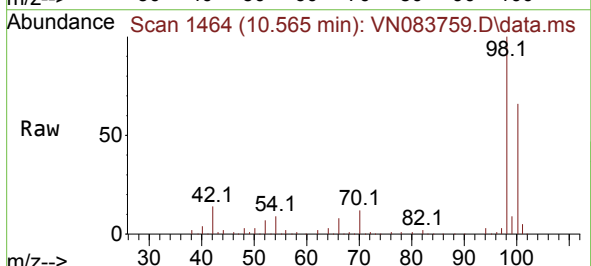
Acq: 10 Sep 2024 18:08

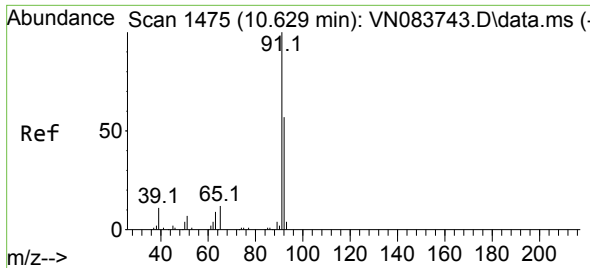
Tgt Ion: 98 Resp: 256735

Ion Ratio Lower Upper

98 100

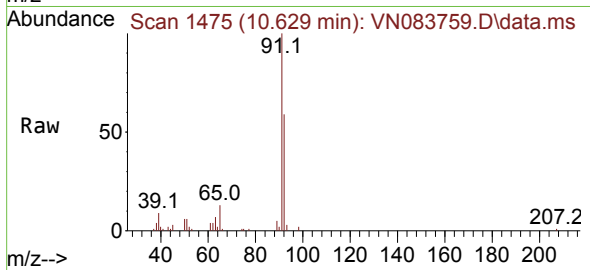
100 64.6 52.0 78.0



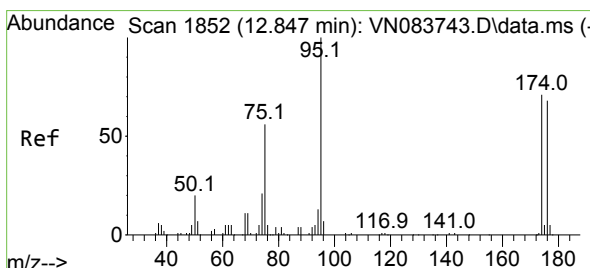
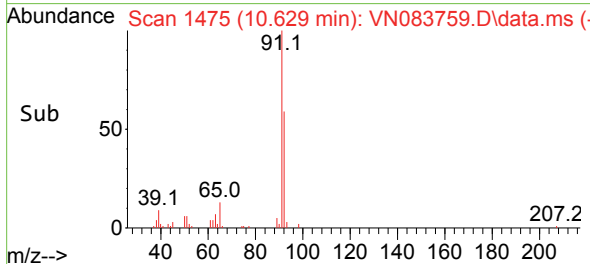
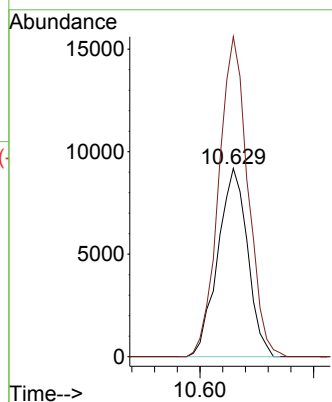


#52
Toluene
Concen: 4.075 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

Instrument :
MSVOA_N
ClientSampleId :

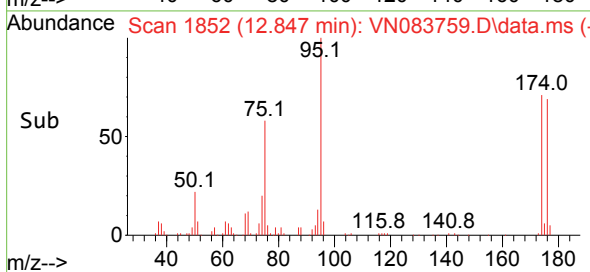
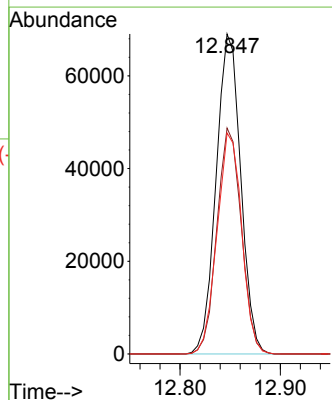
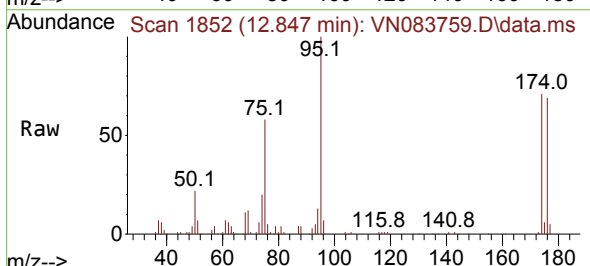


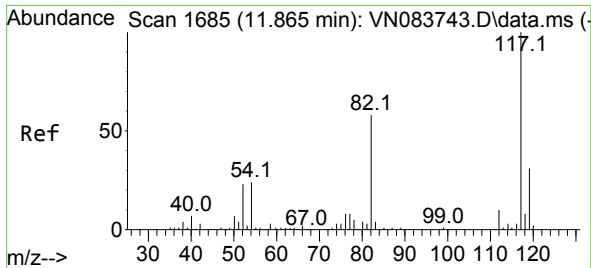
Tgt Ion: 92 Resp: 16740
Ion Ratio Lower Upper
92 100
91 166.3 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 55.662 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

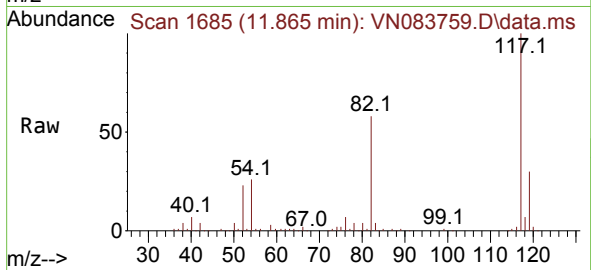
Tgt Ion: 95 Resp: 117704
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 69.1 0.0 131.4



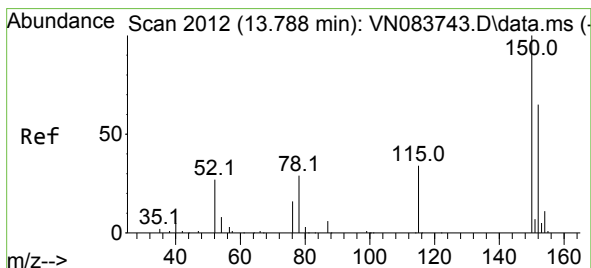
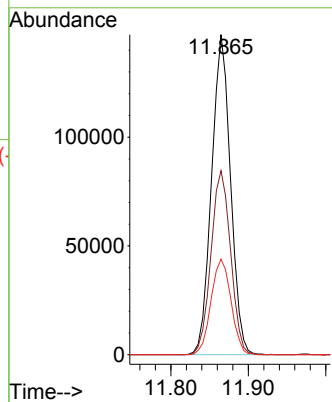
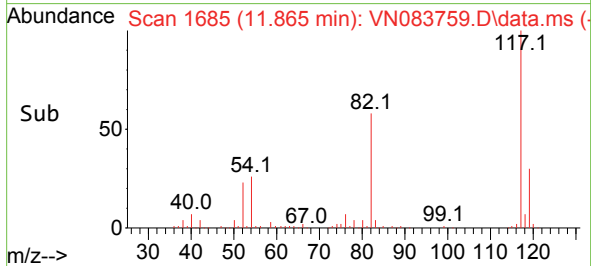


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08

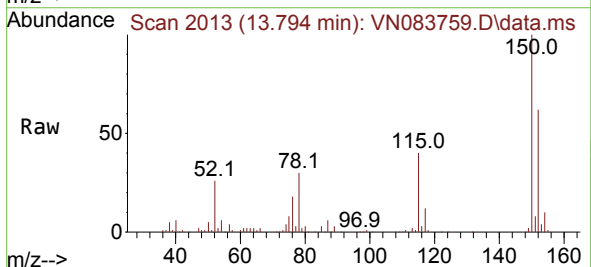
Instrument :
MSVOA_N
ClientSampleId :



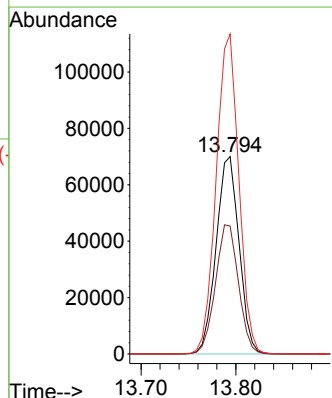
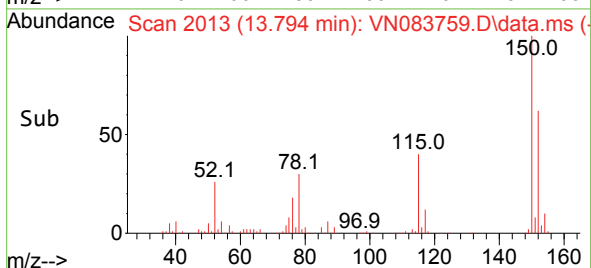
Tgt Ion:117 Resp: 249768
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.0
119 29.8 26.3 39.5

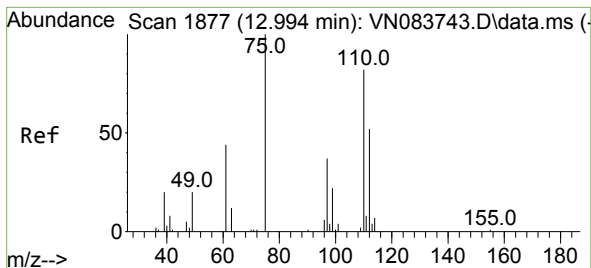


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083759.D
Acq: 10 Sep 2024 18:08



Tgt Ion:152 Resp: 117812
Ion Ratio Lower Upper
152 100
115 65.8 32.2 96.6
150 160.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.674 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

Instrument :

MSVOA_N

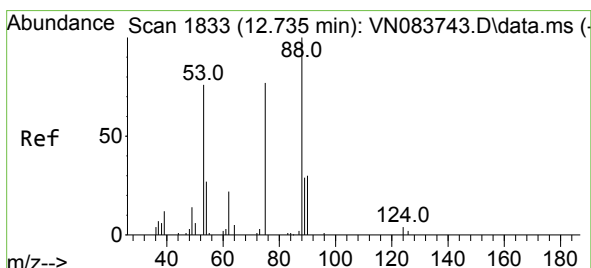
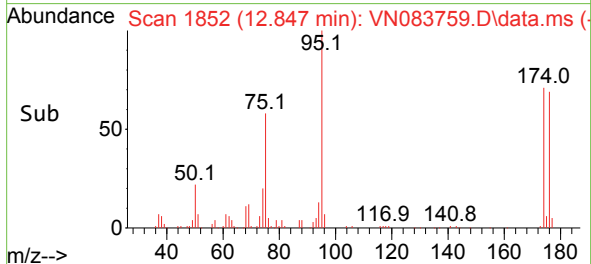
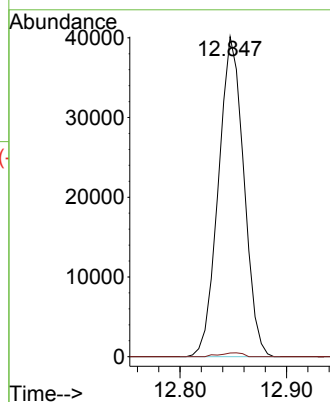
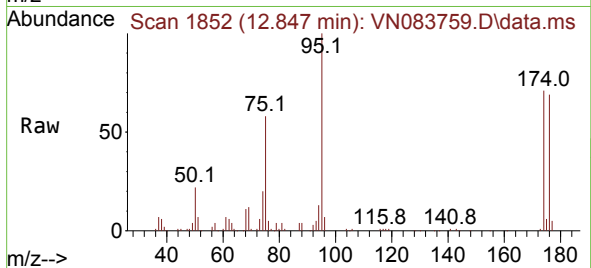
ClientSampleId :

Tgt Ion: 75 Resp: 66481

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.245 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

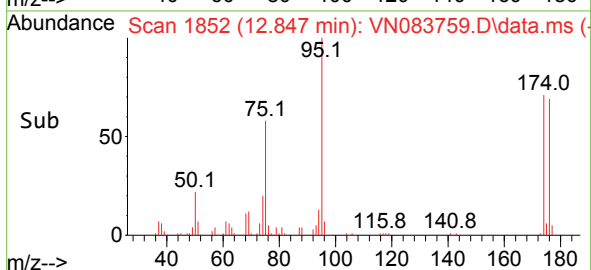
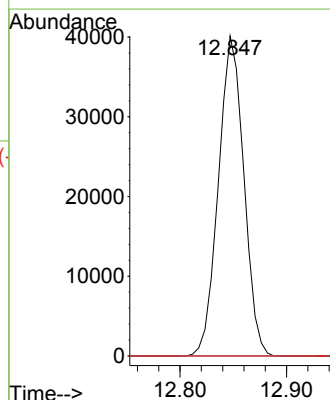
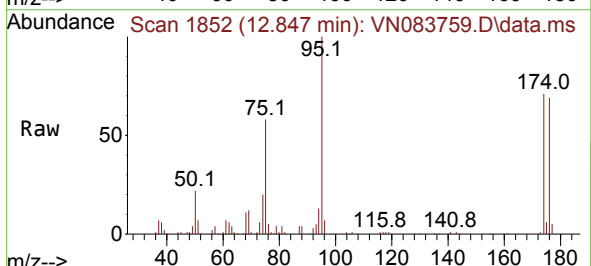
Tgt Ion: 75 Resp: 66481

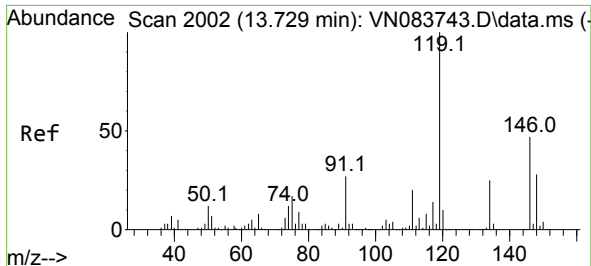
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

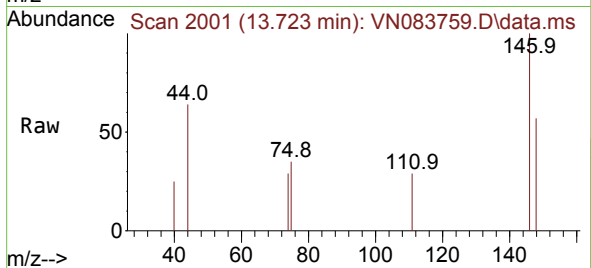
89 0.0 35.7 53.5#





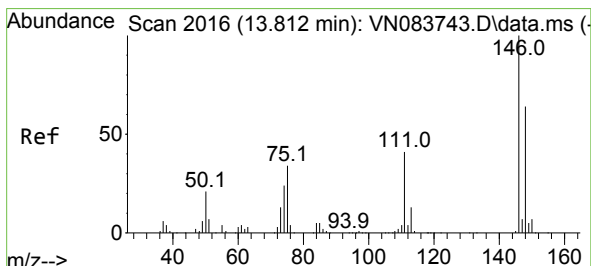
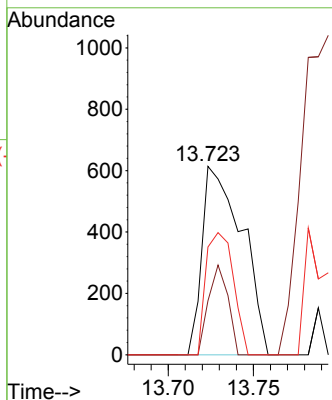
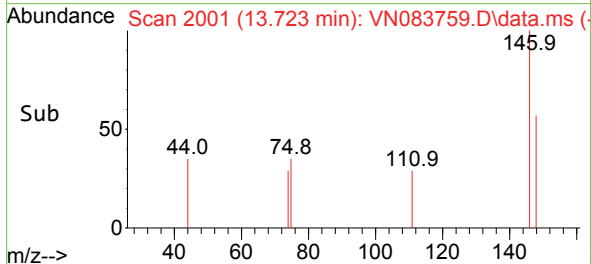
#87
 1,3-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN083759.D
 Acq: 10 Sep 2024 18:08

Instrument :
 MSVOA_N
 ClientSampleId :

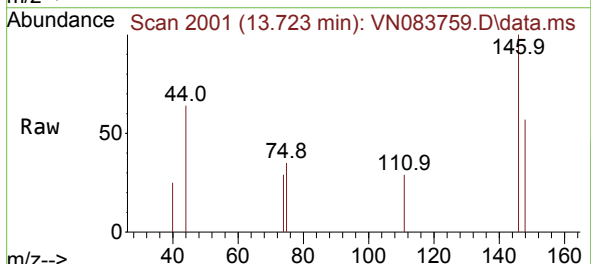


Tgt Ion:146 Resp: 1003

Ion	Ratio	Lower	Upper
146	100		
111	23.2	21.7	65.1
148	44.6	31.7	95.1

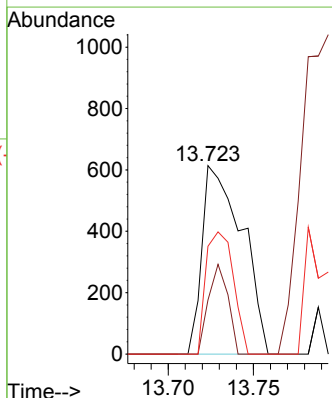
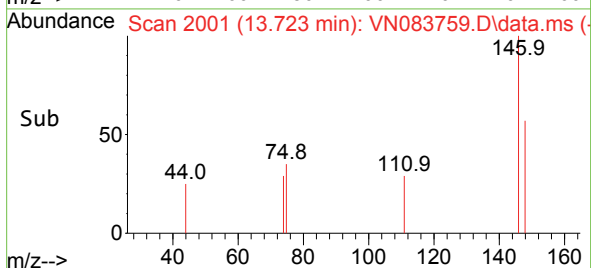


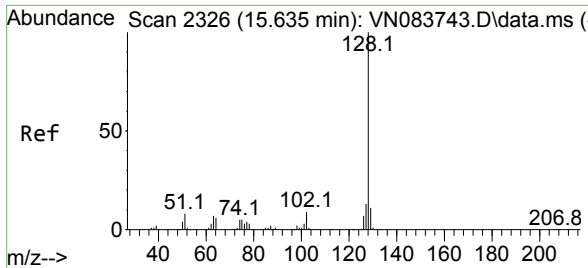
#88
 1,4-Dichlorobenzene
 Concen: 0.239 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.088 min
 Lab File: VN083759.D
 Acq: 10 Sep 2024 18:08



Tgt Ion:146 Resp: 1003

Ion	Ratio	Lower	Upper
146	100		
111	23.2	21.3	64.0
148	44.6	32.0	96.2





#95

Naphthalene

Concen: 0.219 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

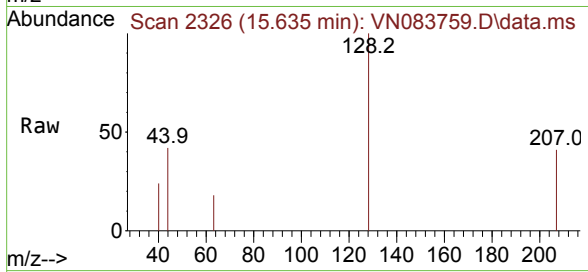
Lab File: VN083759.D

Acq: 10 Sep 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1430

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#

