

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083710.D
 Acq On : 09 Sep 2024 10:50
 Operator : JC\MD
 Sample : VN0909WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 01:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

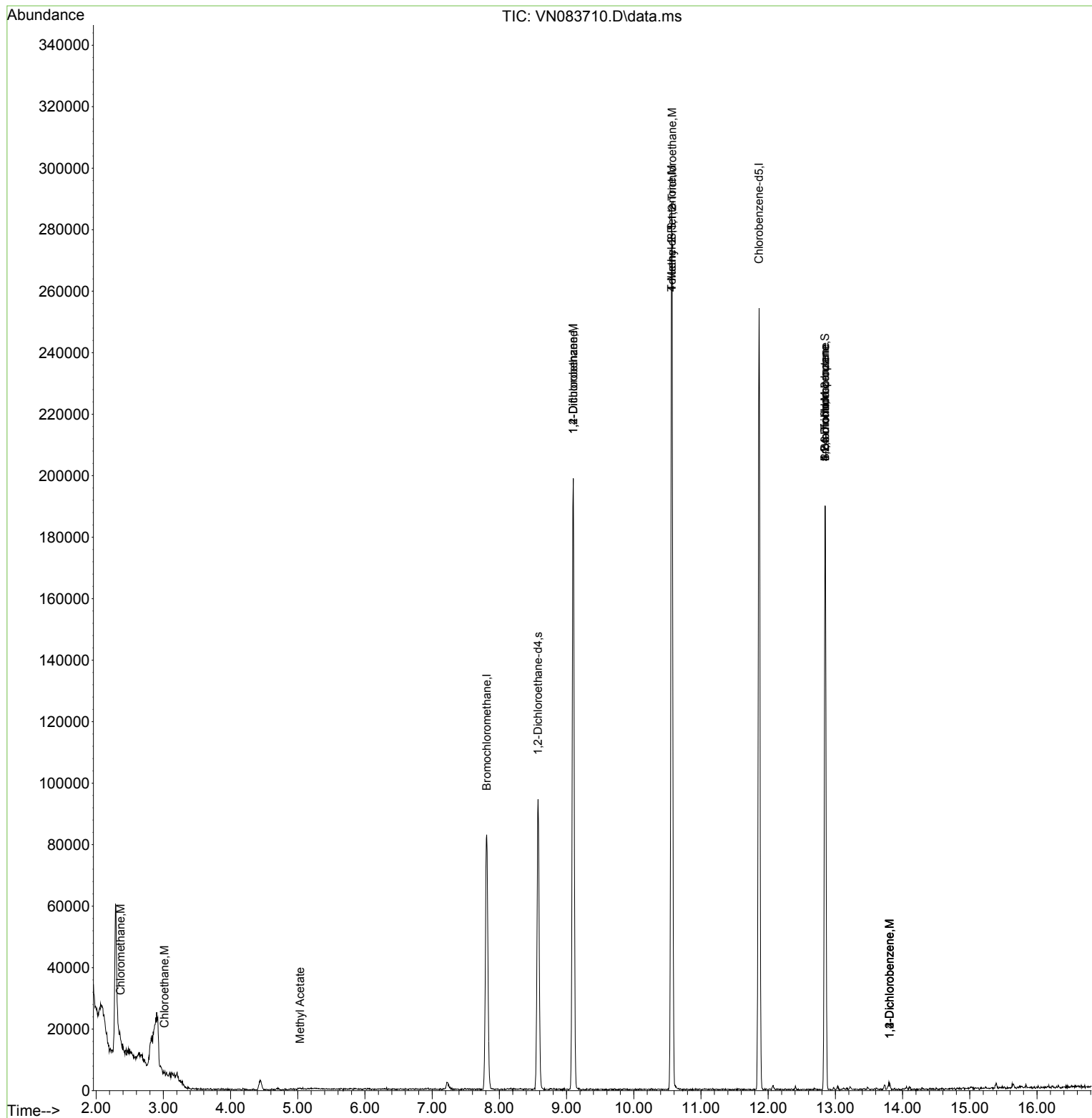
Internal Standards						
1) Bromochloromethane	7.812	128	29530	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165572	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139818	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80558	29.844	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.467%
60) 4-Bromofluorobenzene	12.847	95	65858	27.330	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.100%
63) Toluene-d8	10.565	98	194929	30.109	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	735	0.358	ug/l #	43
6) Chloroethane	3.018	64	321	0.227	ug/l	90
12) Methyl Acetate	5.036	43	457	0.206	ug/l #	40
36) 1,2-Dichloroethane	9.100	62	6270	2.117	ug/l #	72
50) 1,1,2-Trichloroethane	10.571	97	6227	3.529	ug/l #	1
56) Bromoform	12.847	173	431	0.321	ug/l #	1
58) 4-Methyl-2-Pentanone	10.565	43	818	0.369	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	37127	18.054	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	37127	42.712	ug/l #	12
83) 1,3-Dichlorobenzene	13.806	146	776	0.204	ug/l	77
84) 1,4-Dichlorobenzene	13.806	146	776	0.204	ug/l	78
87) 1,2-Dichlorobenzene	13.806	146	776	0.211	ug/l	78

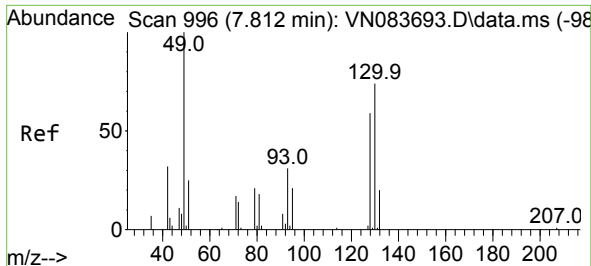
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
Data File : VN083710.D
Acq On : 09 Sep 2024 10:50
Operator : JC\MD
Sample : VN0909WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

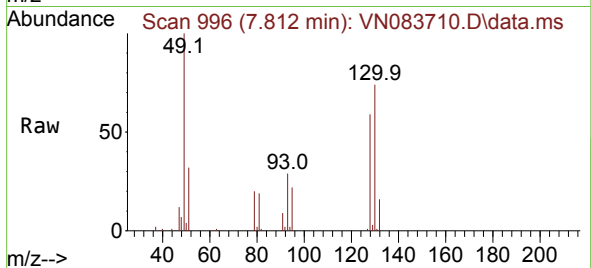
Quant Time: Sep 10 01:17:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration



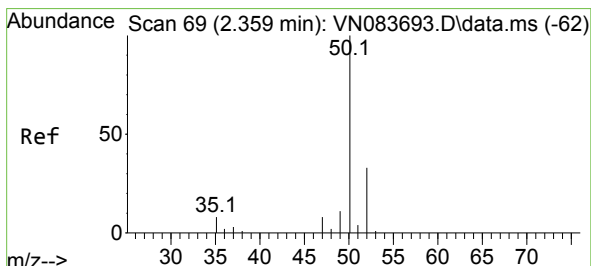
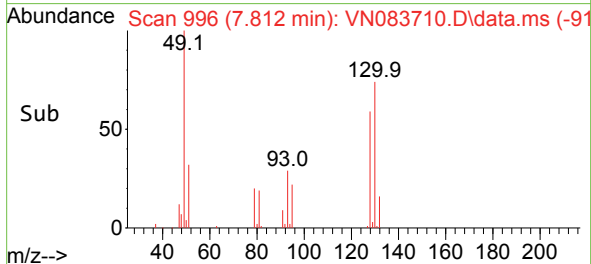
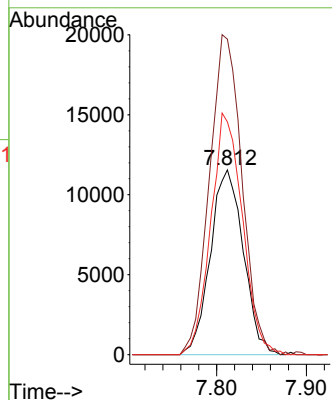


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

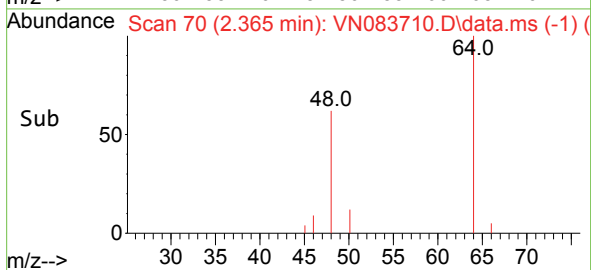
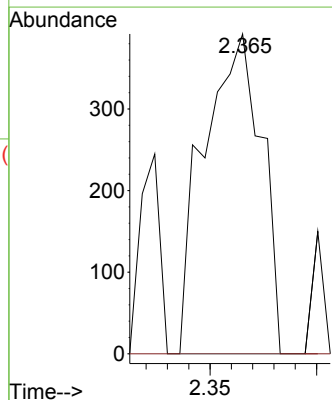
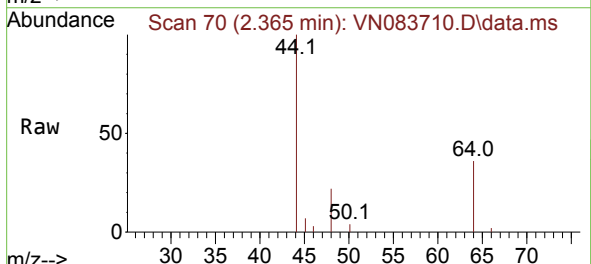


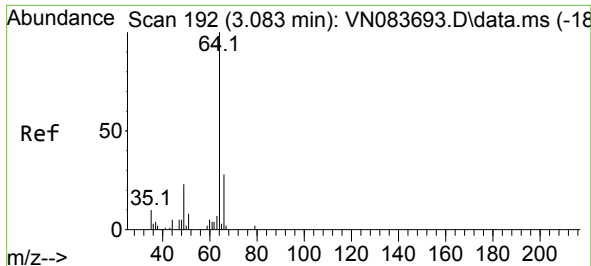
Tgt Ion:128 Resp: 29530
Ion Ratio Lower Upper
128 100
49 170.0 0.0 403.7
130 125.3 0.0 323.3



#3
Chloromethane
Concen: 0.358 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

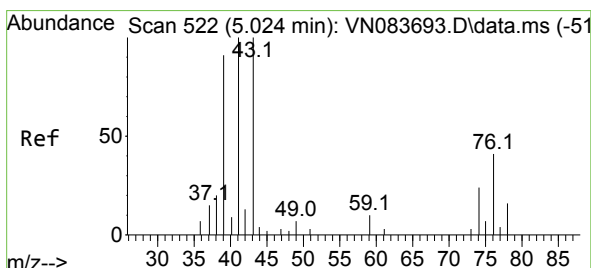
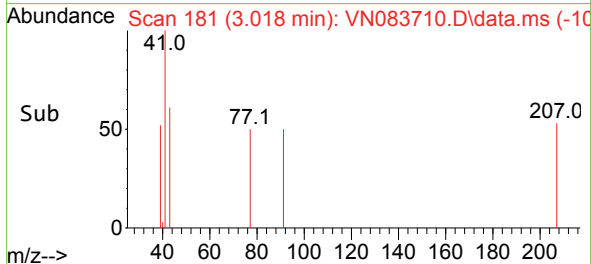
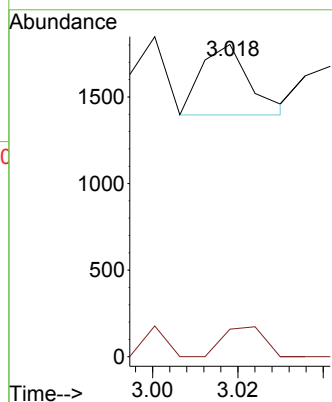
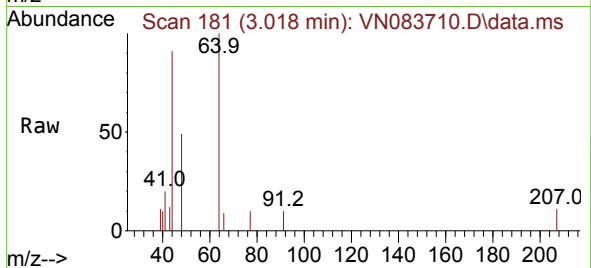




#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.018 min Scan# 11
Delta R.T. -0.065 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

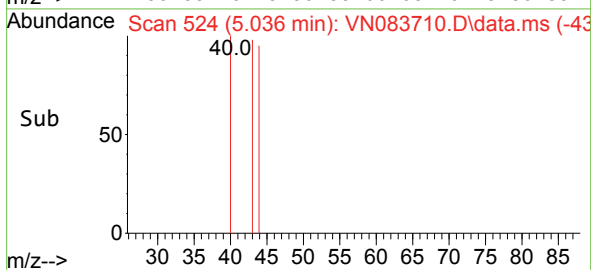
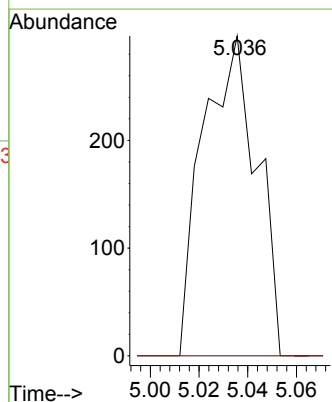
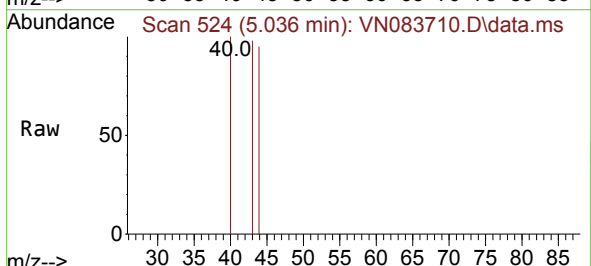
Instrument :
MSVOA_N
ClientSampleId :

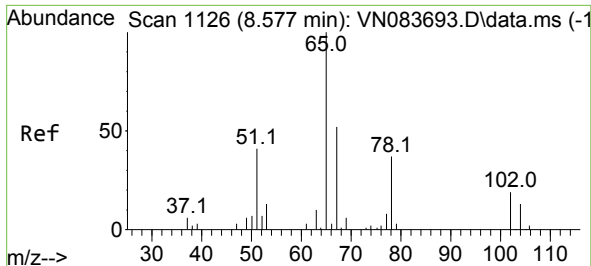
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 39.1 26.7 40.1



#12
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
74 0.0 27.7 41.5#





#27

1,2-Dichloroethane-d4

Concen: 29.844 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083710.D

Acq: 09 Sep 2024 10:50

Instrument :

MSVOA_N

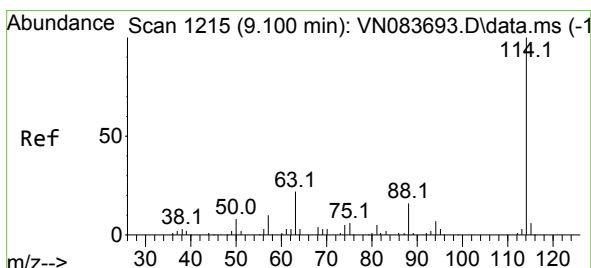
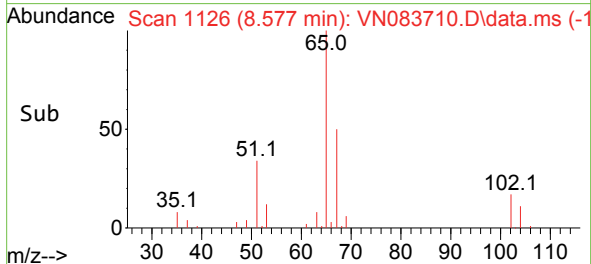
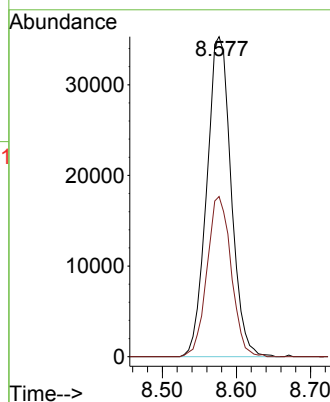
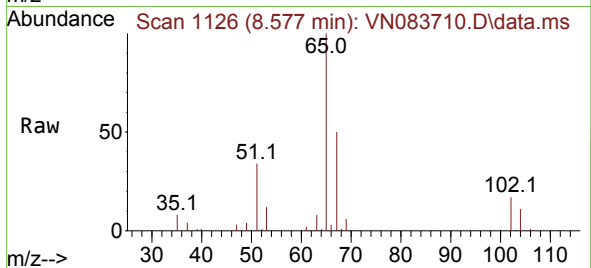
ClientSampleId :

Tgt Ion: 65 Resp: 80558

Ion Ratio Lower Upper

65 100

67 49.6 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083710.D

Acq: 09 Sep 2024 10:50

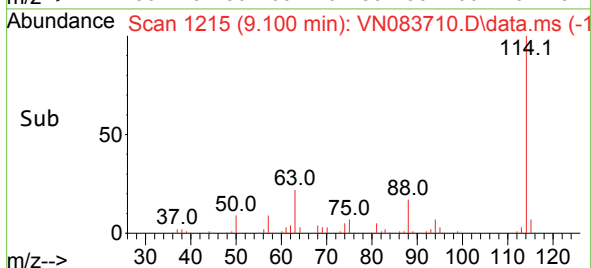
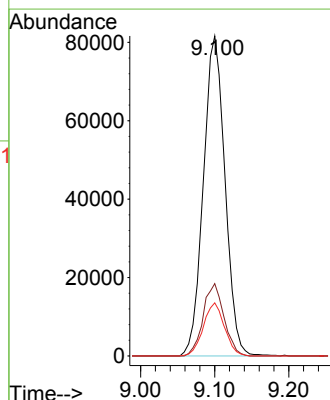
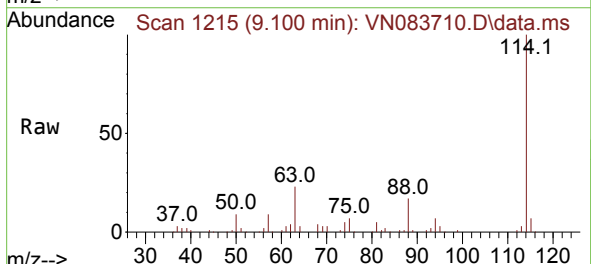
Tgt Ion: 114 Resp: 165572

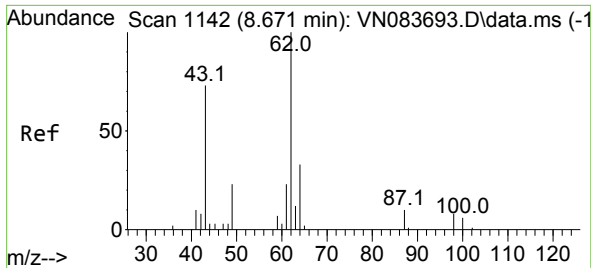
Ion Ratio Lower Upper

114 100

63 21.8 15.9 23.9

88 16.2 12.7 19.1

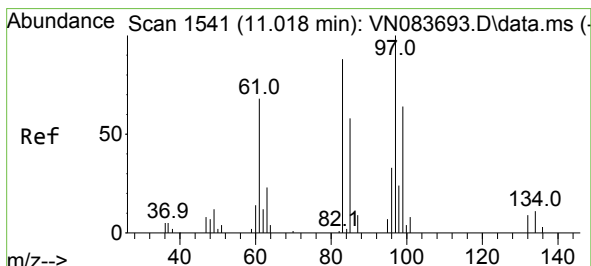
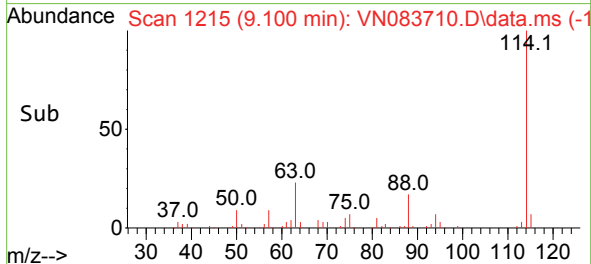
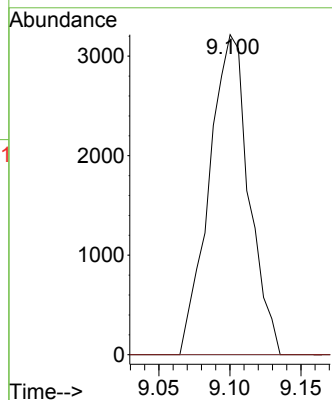
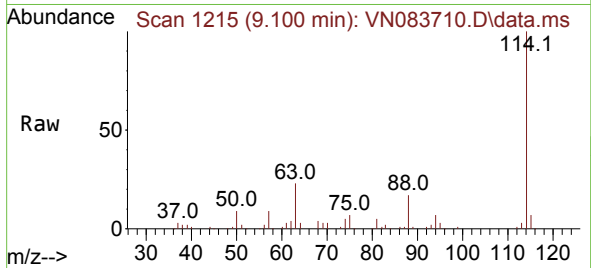




#36
1,2-Dichloroethane
Concen: 2.117 ug/l
RT: 9.100 min Scan# 1142
Delta R.T. 0.429 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

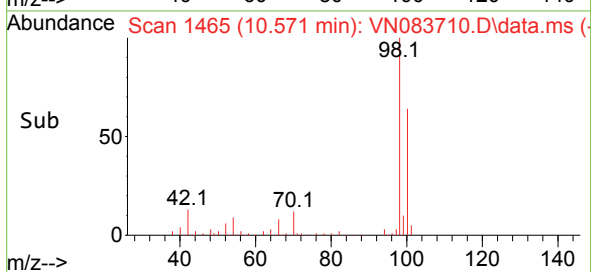
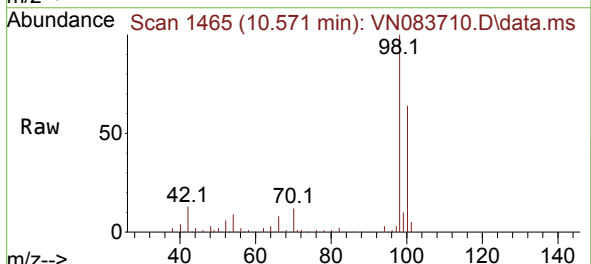
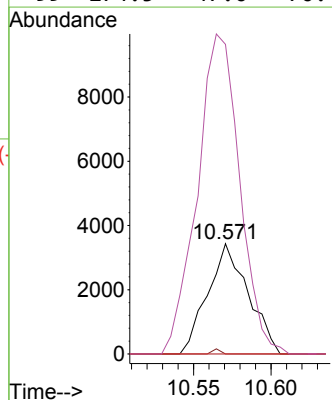
Instrument :
MSVOA_N
ClientSampleId :

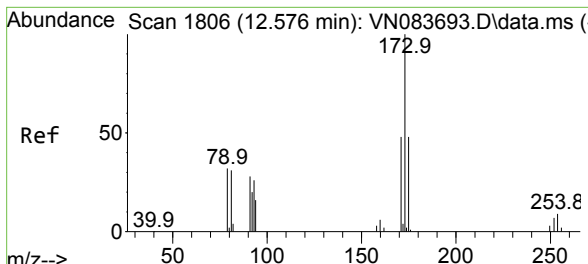
Tgt Ion: 62 Resp: 6270
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#50
1,1,2-Trichloroethane
Concen: 3.529 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

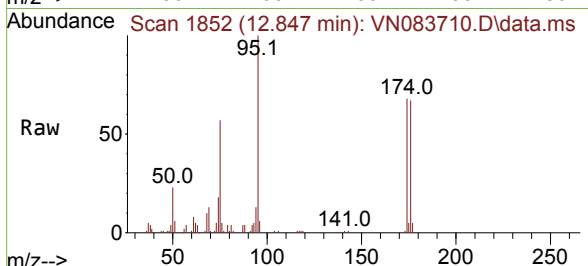
Tgt Ion: 97 Resp: 6227
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 274.5 47.0 70.4#



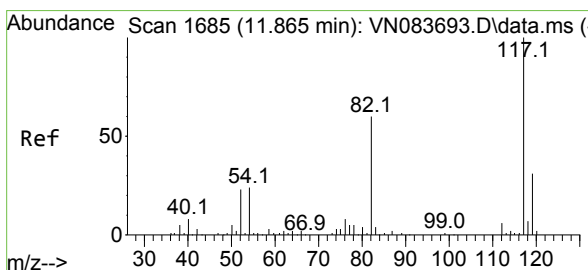
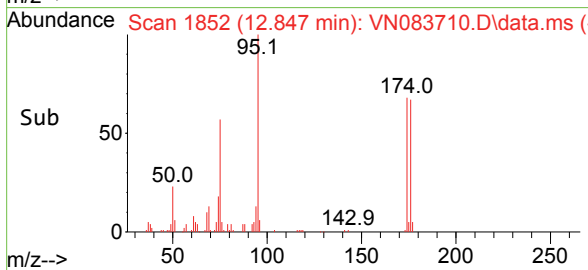
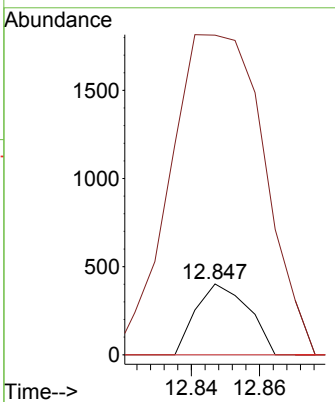


#56
 Bromoform
 Concen: 0.321 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.271 min
 Lab File: VN083710.D
 Acq: 09 Sep 2024 10:50

Instrument :
 MSVOA_N
 ClientSampleId :

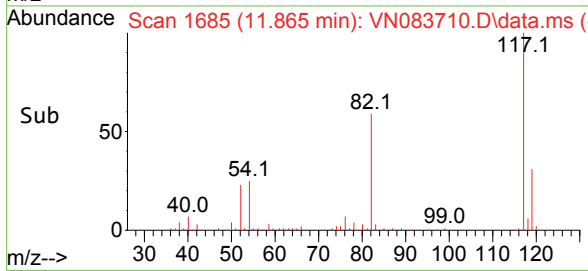
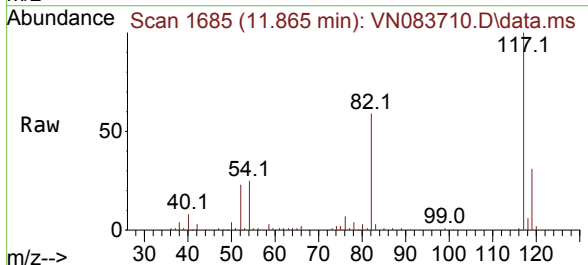
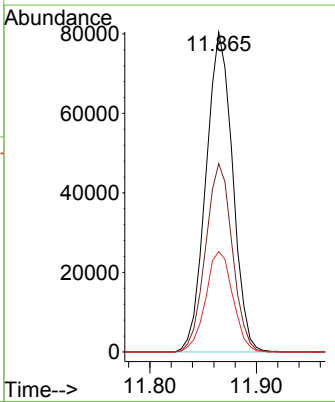


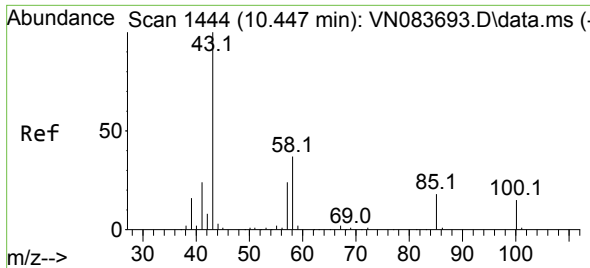
Tgt Ion:	173	Resp:	431
Ion Ratio	Lower	Upper	
173	100		
175	809.0	40.0	60.0#
254	0.0	8.3	12.5#



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN083710.D
 Acq: 09 Sep 2024 10:50

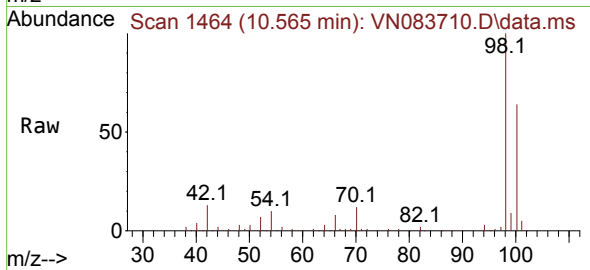
Tgt Ion:	117	Resp:	139818
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.6	69.8
119	32.1	25.4	38.2



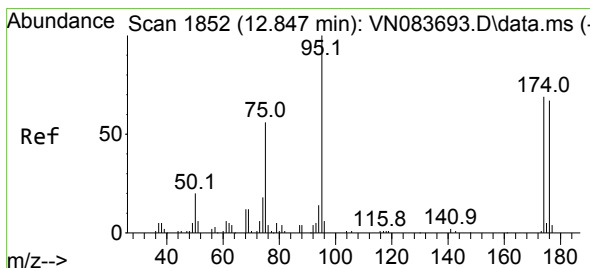
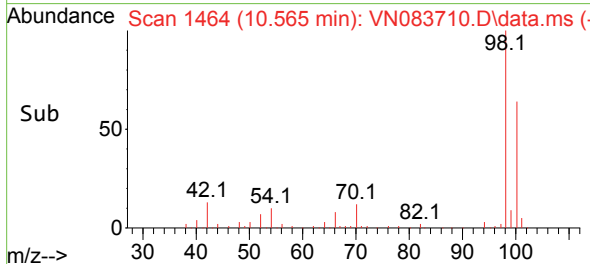
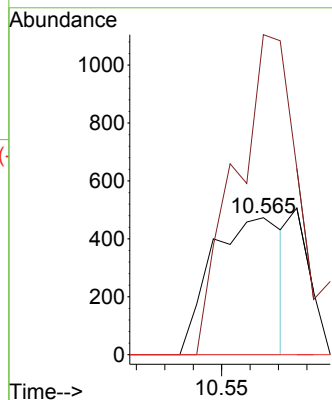


#58
4-Methyl-2-Pentanone
Concen: 0.369 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

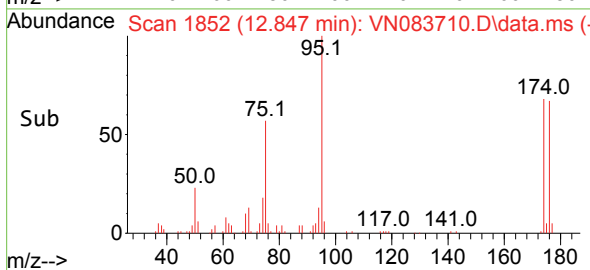
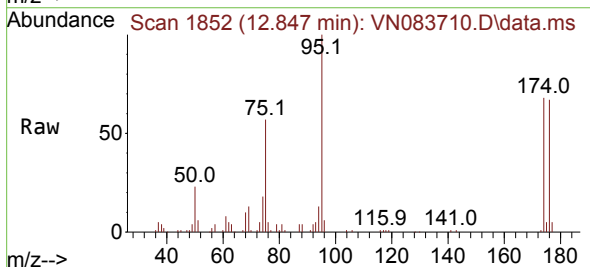
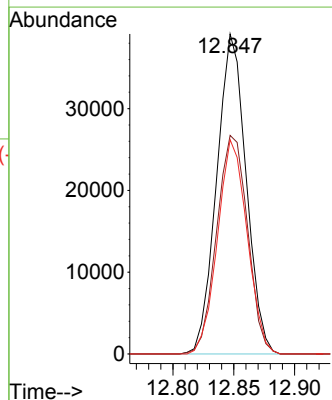


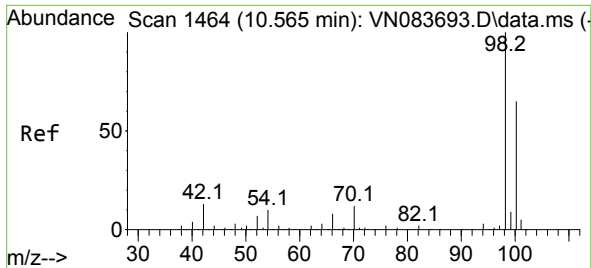
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 211.5 36.5 54.7#
85 0.0 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 27.330 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

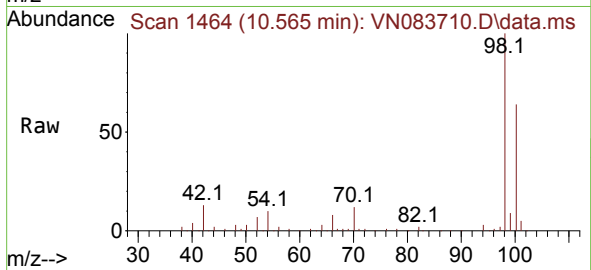
Tgt Ion: 95 Resp: 65858
Ion Ratio Lower Upper
95 100
174 71.6 60.5 90.7
176 67.4 57.8 86.6



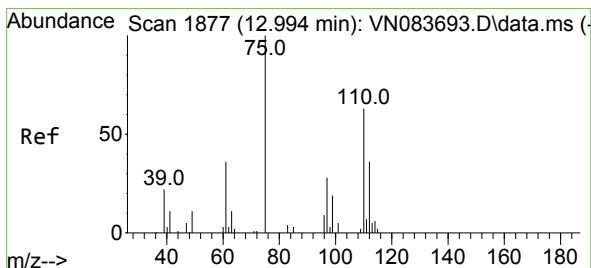
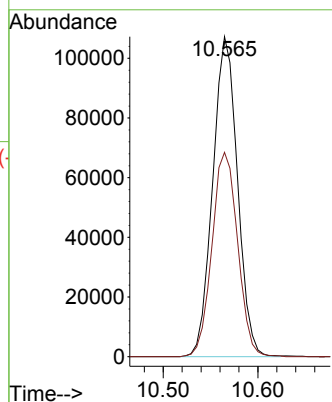
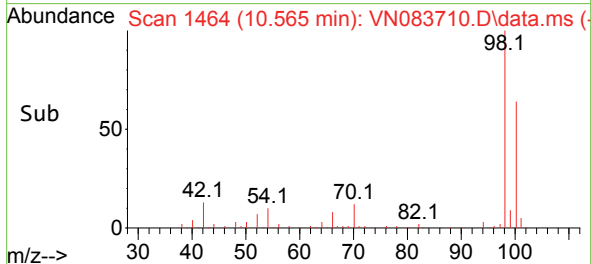


#63
Toluene-d8
Concen: 30.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Instrument :
MSVOA_N
ClientSampleId :

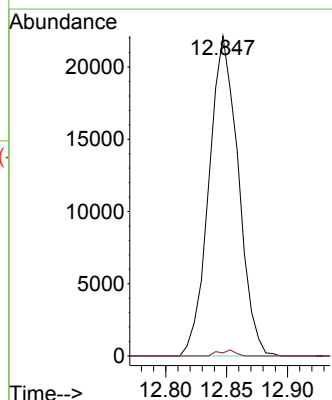
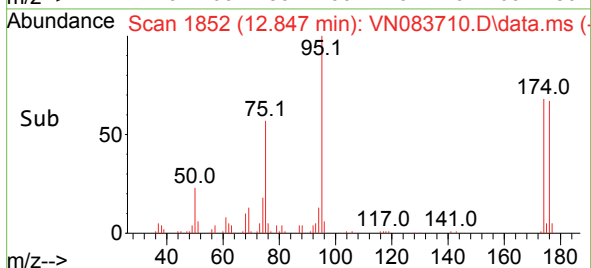
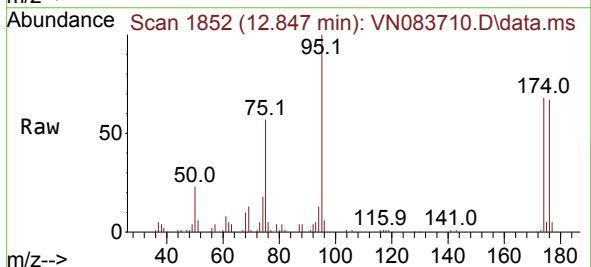


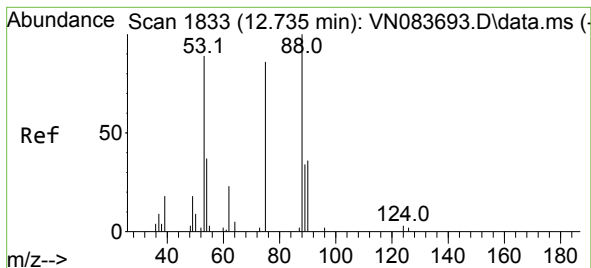
Tgt Ion: 98 Resp: 194929
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 18.054 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

Tgt Ion: 75 Resp: 37127
Ion Ratio Lower Upper
75 100
77 1.0 0.0 367.6

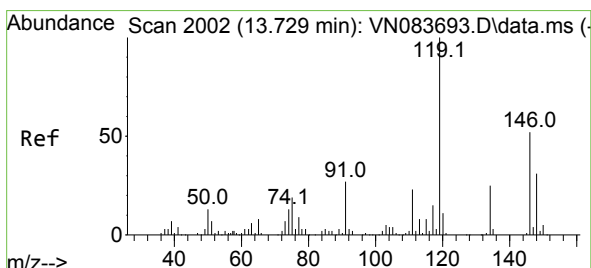
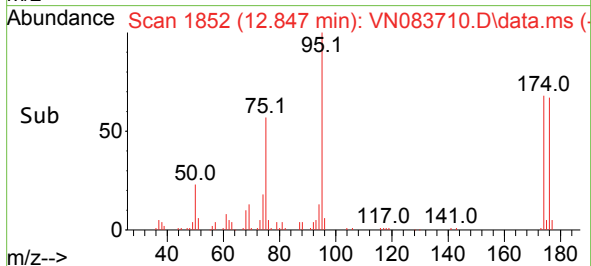
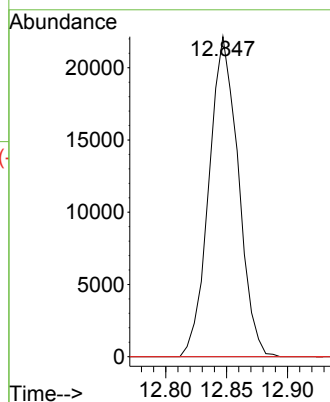
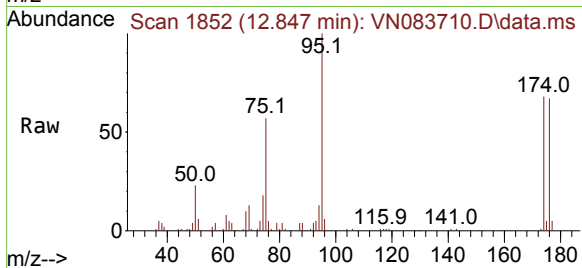




#77
t-1,4-Dichloro-2-butene
Concen: 42.712 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

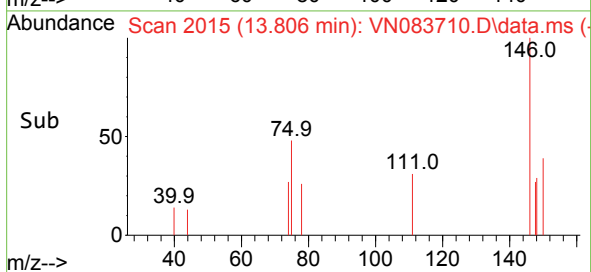
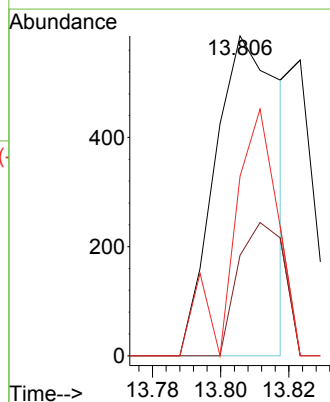
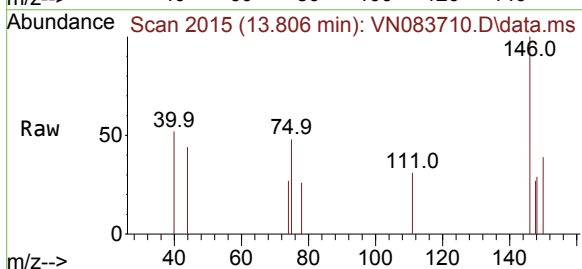
Instrument :
MSVOA_N
ClientSampleId :

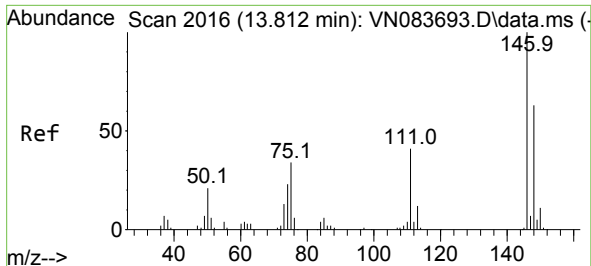
Tgt Ion: 75 Resp: 37127
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#



#83
1,3-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.076 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

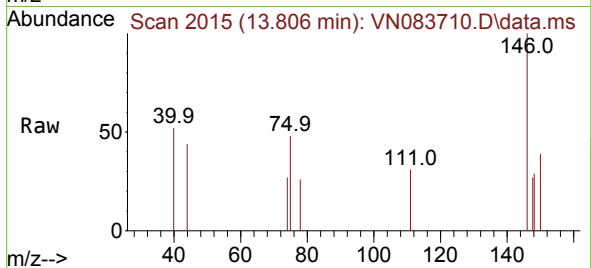
Tgt Ion:146 Resp: 776
Ion Ratio Lower Upper
146 100
111 29.3 22.4 67.0
148 46.3 32.1 96.5



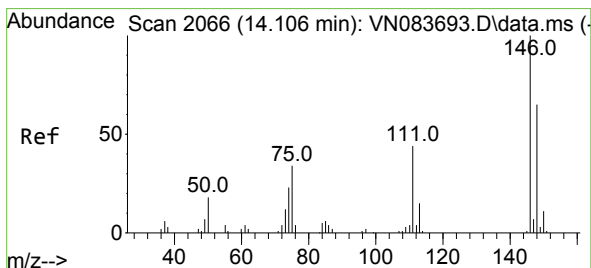
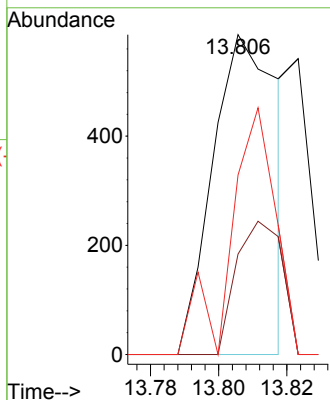
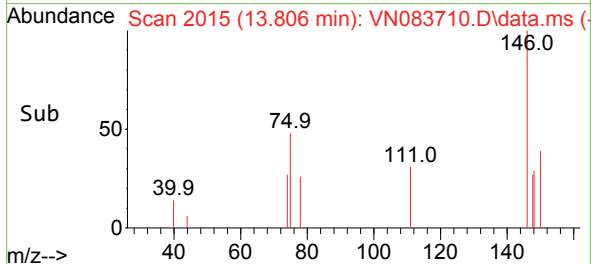


#84
1,4-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50

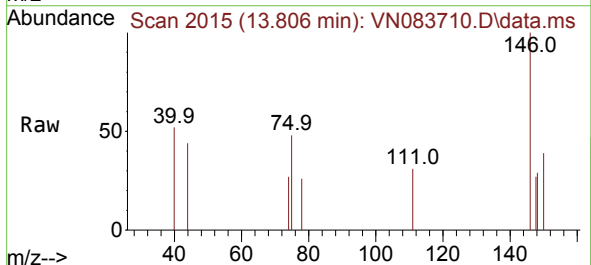
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 776
Ion Ratio Lower Upper
146 100
111 29.3 21.3 63.9
148 46.3 31.9 95.5



#87
1,2-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.300 min
Lab File: VN083710.D
Acq: 09 Sep 2024 10:50



Tgt Ion:146 Resp: 776
Ion Ratio Lower Upper
146 100
111 29.3 22.6 67.8
148 46.3 31.3 93.8

