

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082005.D
 Acq On : 06 May 2024 13:23
 Operator : JC\MD
 Sample : P2387-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 00:27:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

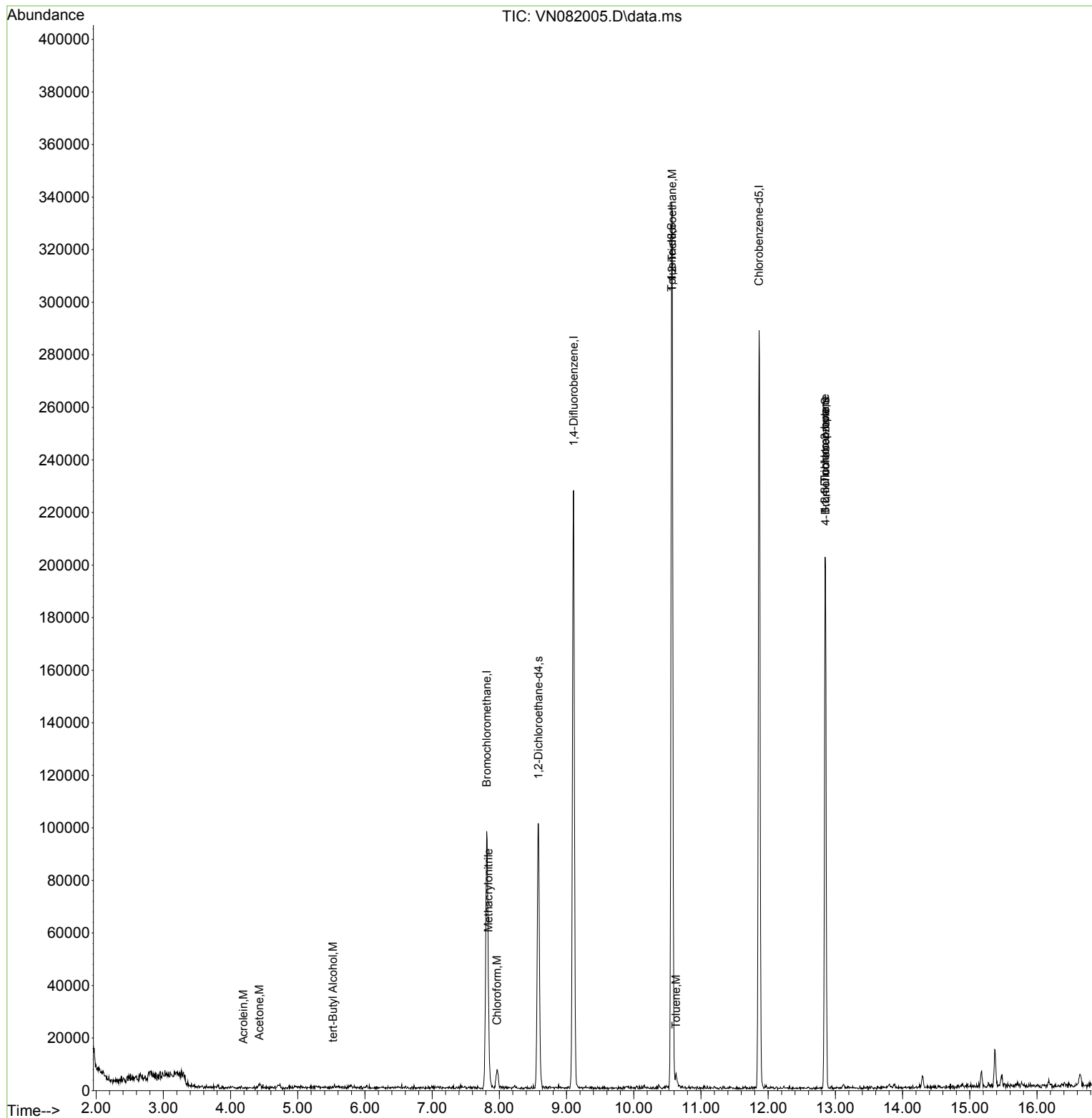
Internal Standards						
1) Bromochloromethane	7.812	128	32325	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	186902	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	159322	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	78493	29.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.667%
60) 4-Bromofluorobenzene	12.853	95	72845	27.473	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.567%
63) Toluene-d8	10.565	98	236782	31.295	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.300%
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	245	0.467	ug/l	91
15) Acetone	4.430	58	193	0.764	ug/l #	34
23) tert-Butyl Alcohol	5.524	59	289	0.622	ug/l #	100
25) Chloroform	7.965	83	6851	1.755	ug/l	98
35) Methacrylonitrile	7.835	41	383	0.211	ug/l #	21
50) 1,1,2-Trichloroethane	10.571	97	6809	3.430	ug/l #	1
62) Toluene	10.629	91	3761	0.420	ug/l #	64
72) 1,2,3-Trichloropropane	12.847	75	39164	15.902	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	39164	35.727	ug/l #	12

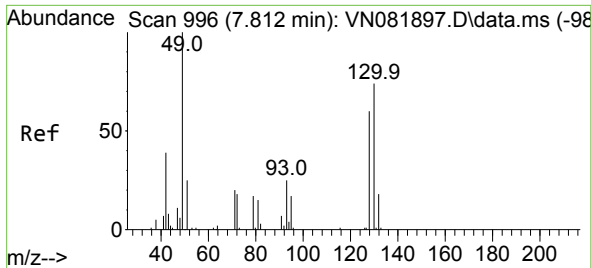
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082005.D
Acq On : 06 May 2024 13:23
Operator : JC\MD
Sample : P2387-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

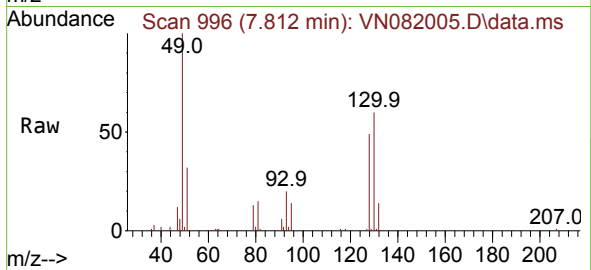
Quant Time: May 07 00:27:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration



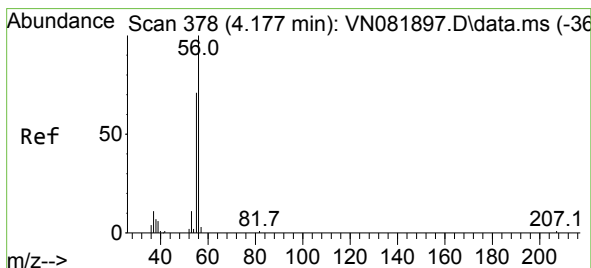
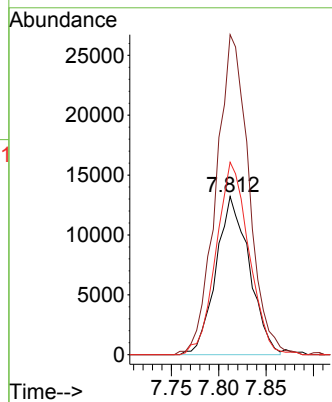
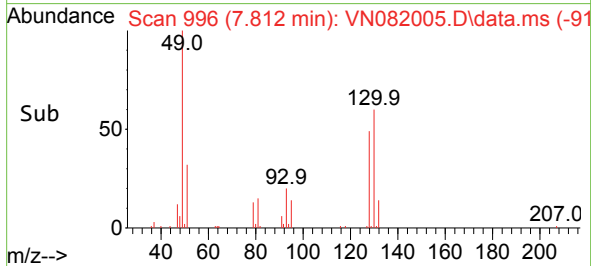


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

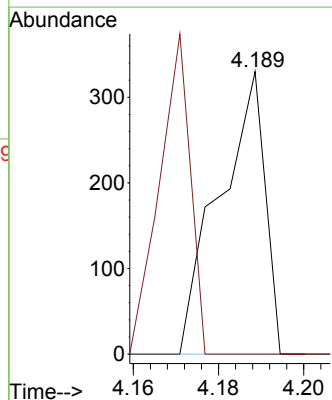
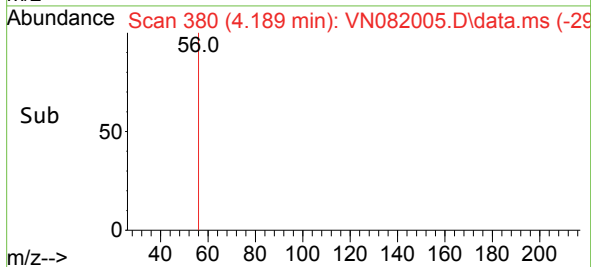
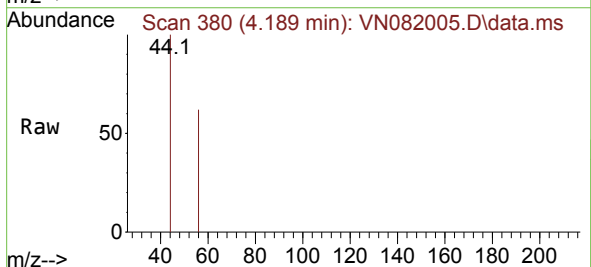


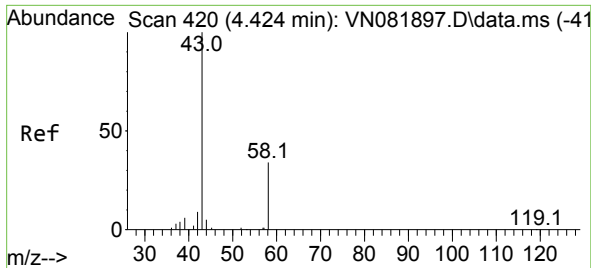
Tgt Ion:128 Resp: 32325
Ion Ratio Lower Upper
128 100
49 199.4 0.0 403.7
130 119.4 0.0 323.3



#13
Acrolein
Concen: 0.467 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 77.1 55.5 83.3





#15

Acetone

Concen: 0.764 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082005.D

Acq: 06 May 2024 13:23

Instrument :

MSVOA_N

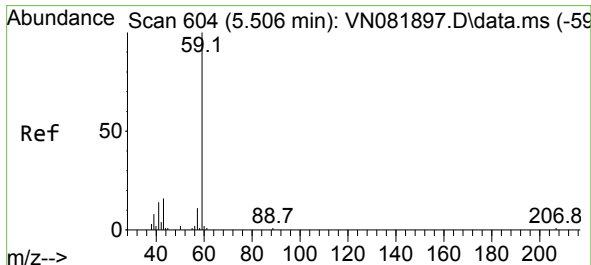
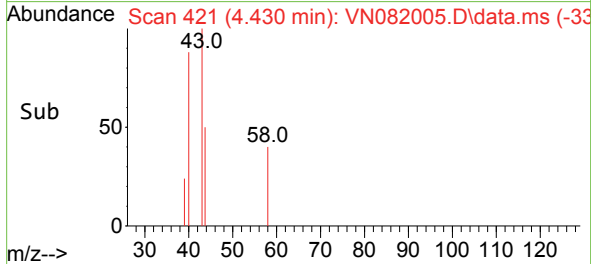
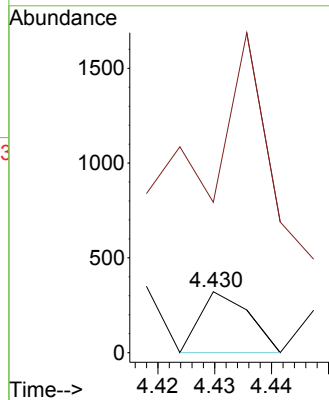
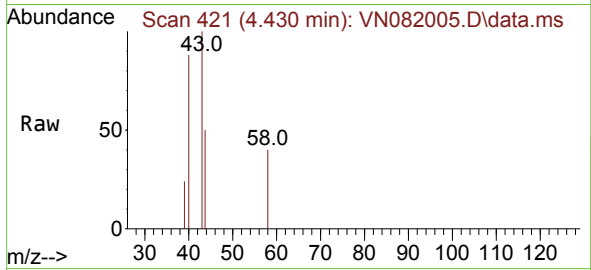
ClientSampleId :

Tgt Ion: 58 Resp: 193

Ion Ratio Lower Upper

58 100

43 154.8 223.1 334.7#



#23

tert-Butyl Alcohol

Concen: 0.622 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.017 min

Lab File: VN082005.D

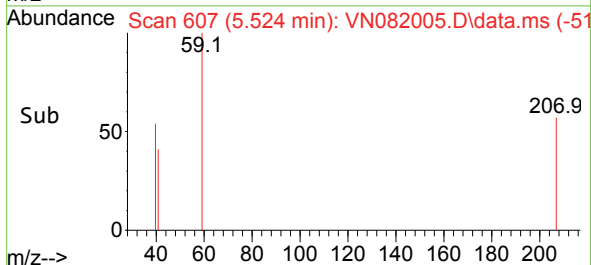
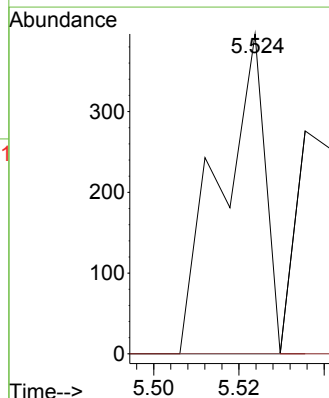
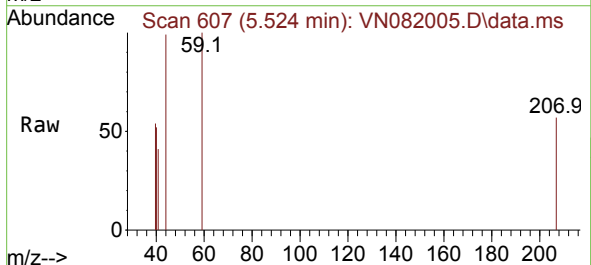
Acq: 06 May 2024 13:23

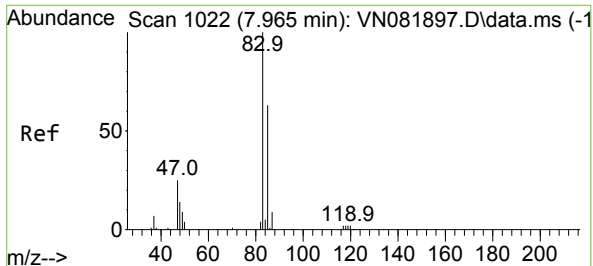
Tgt Ion: 59 Resp: 289

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

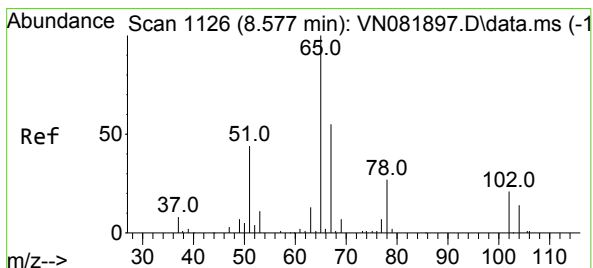
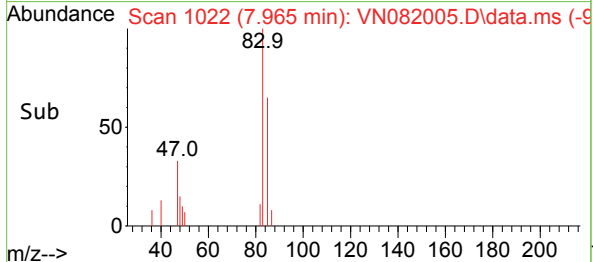
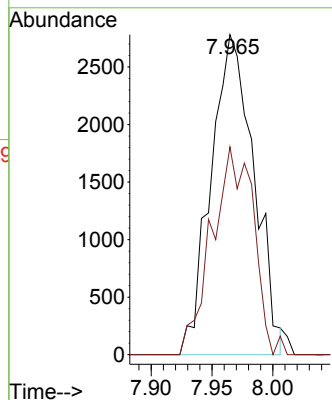
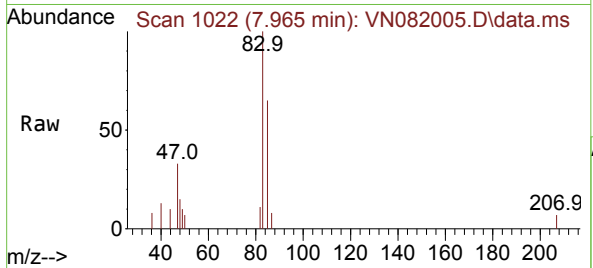




#25
Chloroform
Concen: 1.755 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

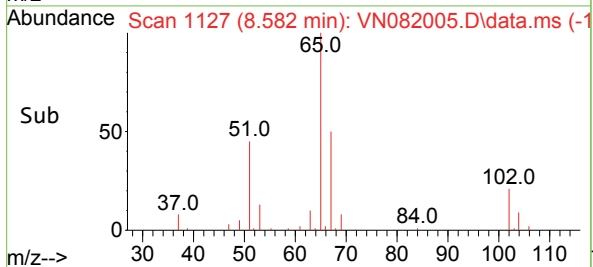
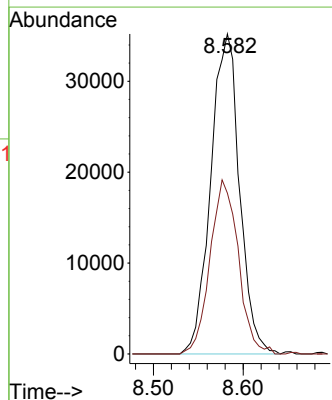
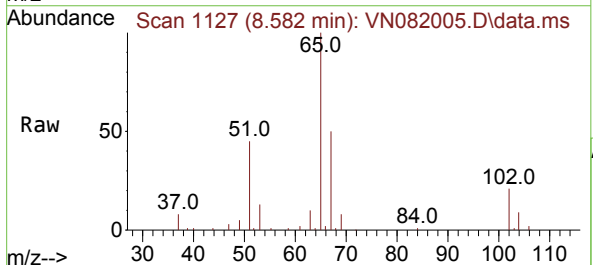
Instrument :
MSVOA_N
ClientSampleId :

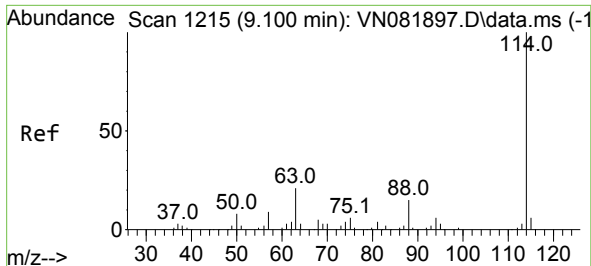
Tgt Ion: 83 Resp: 6851
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 29.003 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Tgt Ion: 65 Resp: 78493
Ion Ratio Lower Upper
65 100
67 53.1 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082005.D

Acq: 06 May 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

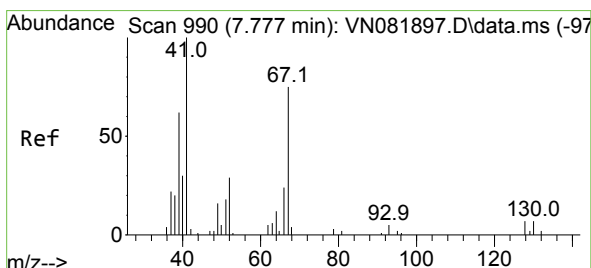
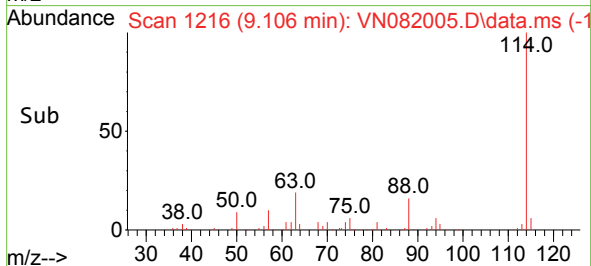
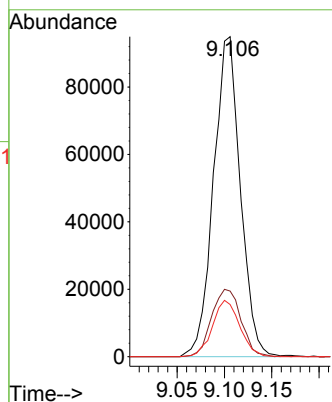
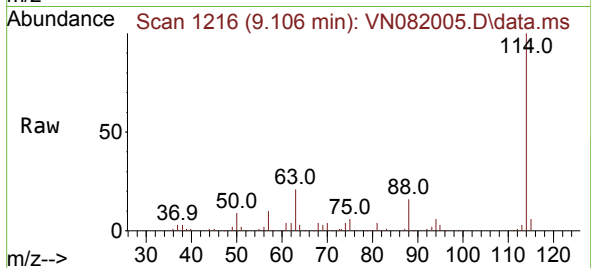
Tgt Ion:114 Resp: 186902

Ion Ratio Lower Upper

114 100

63 23.0 15.9 23.9

88 18.0 12.7 19.1



#35

Methacrylonitrile

Concen: 0.211 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.059 min

Lab File: VN082005.D

Acq: 06 May 2024 13:23

Tgt Ion: 41 Resp: 383

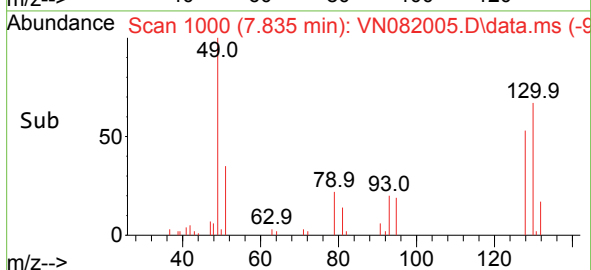
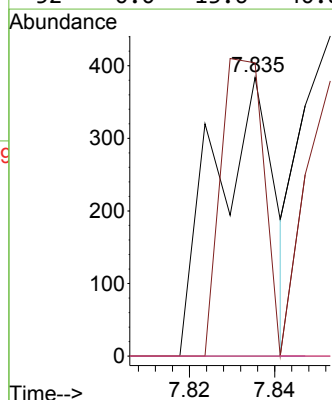
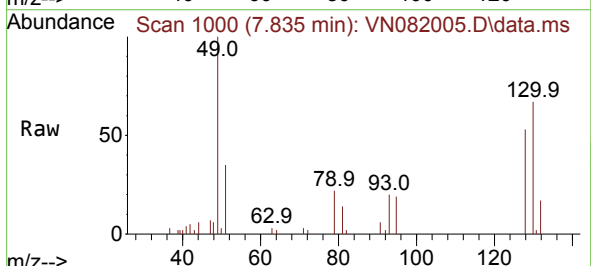
Ion Ratio Lower Upper

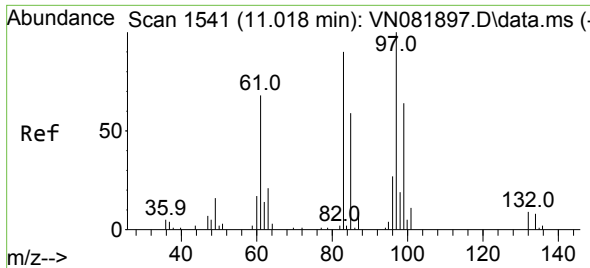
41 100

39 105.2 25.3 75.9#

67 0.0 38.7 116.1#

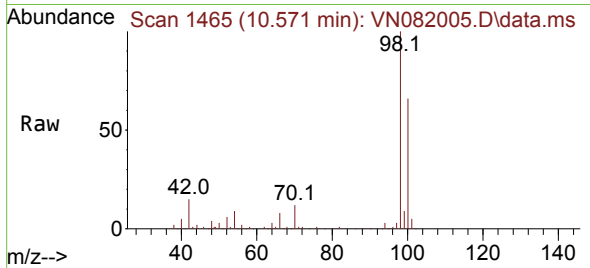
52 0.0 13.6 40.8#



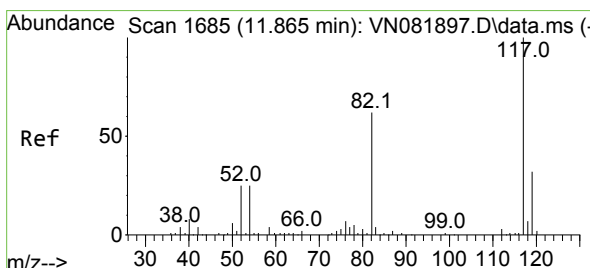
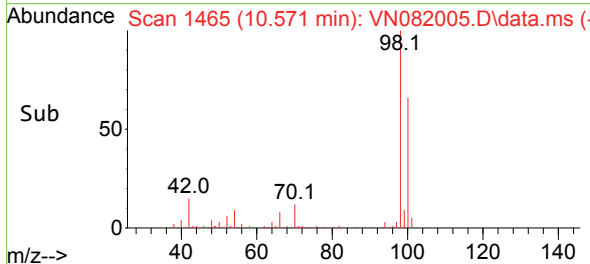
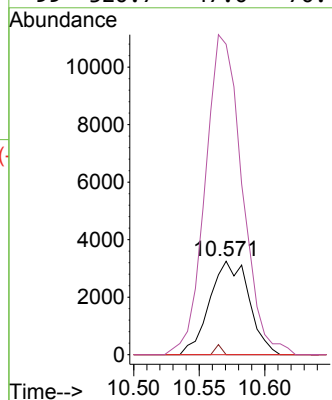


#50
1,1,2-Trichloroethane
Concen: 3.430 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

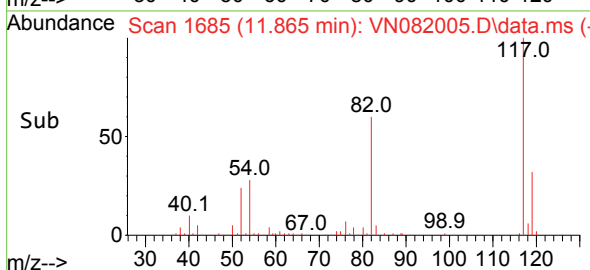
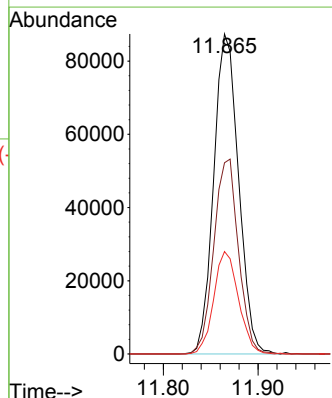
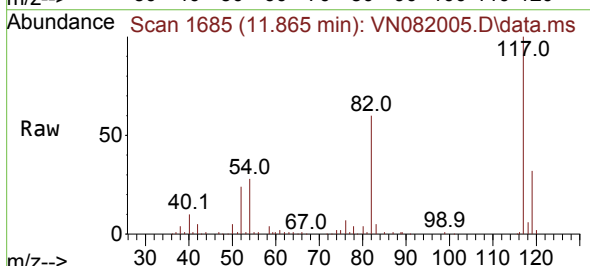


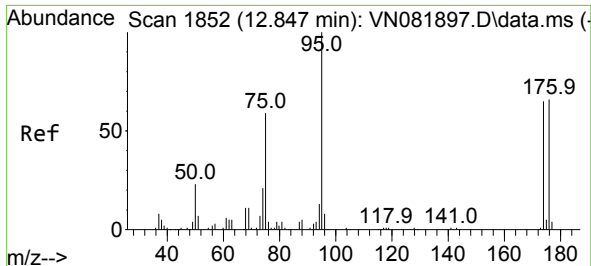
Tgt Ion:	97	Resp:	6809
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	41.8	62.6#
99	320.7	47.0	70.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Tgt Ion:	117	Resp:	159322
Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	31.8	25.4	38.2

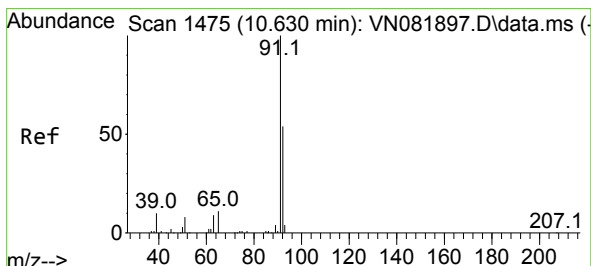
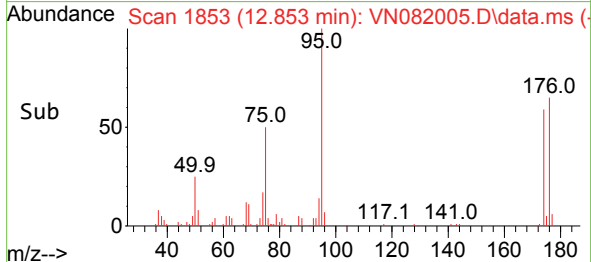
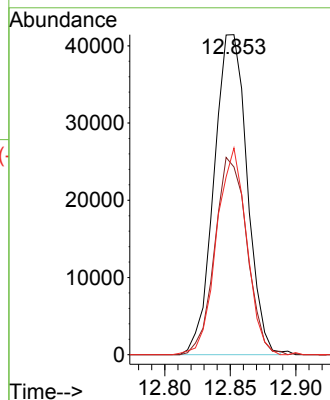
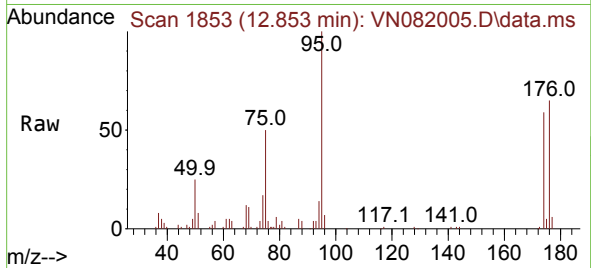




#60
4-Bromofluorobenzene
Concen: 27.473 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

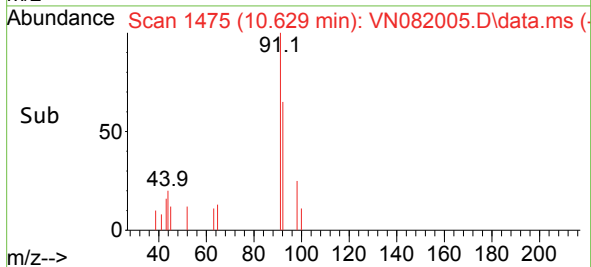
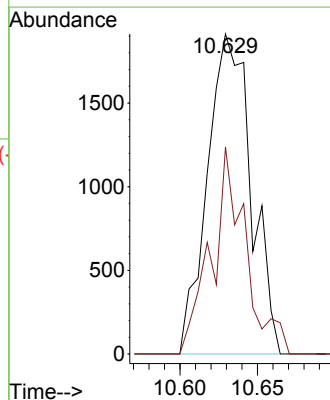
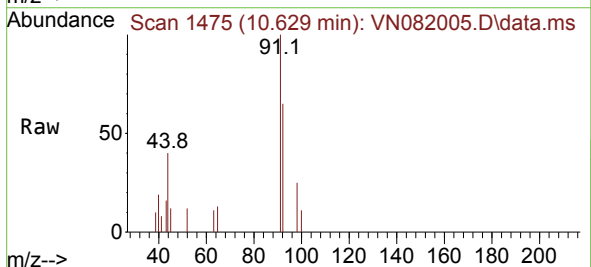
Instrument :
MSVOA_N
ClientSampleId :

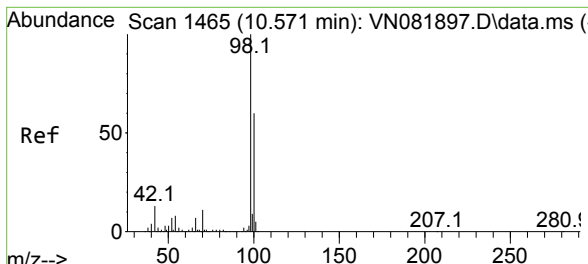
Tgt Ion: 95 Resp: 72845
Ion Ratio Lower Upper
95 100
174 59.8 60.5 90.7#
176 58.5 57.8 86.6



#62
Toluene
Concen: 0.420 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

Tgt Ion: 91 Resp: 3761
Ion Ratio Lower Upper
91 100
92 31.3 46.5 69.7#

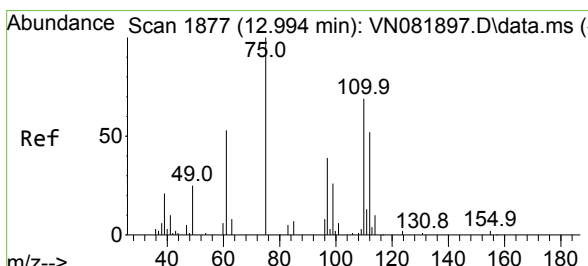
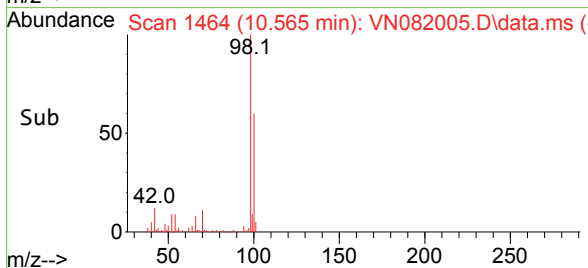
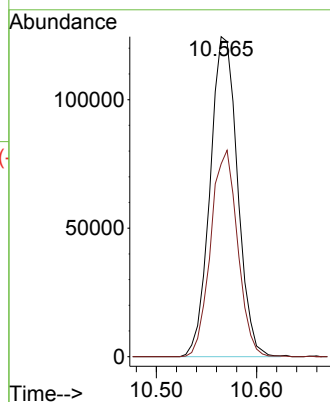
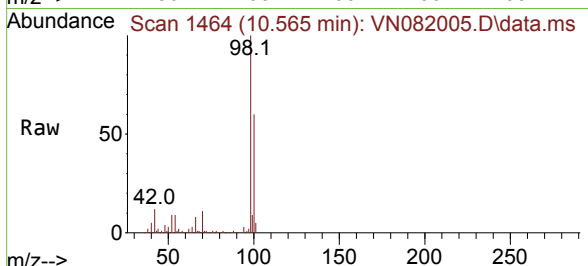




#63
Toluene-d8
Concen: 31.295 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

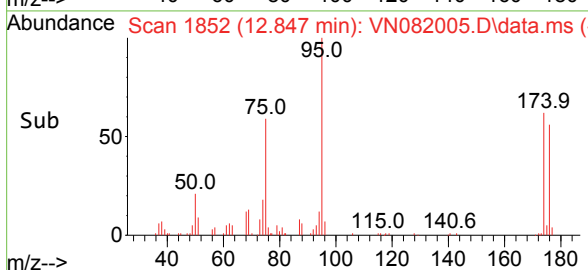
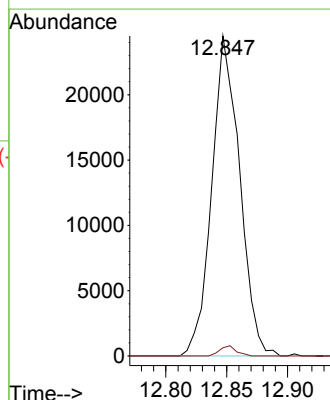
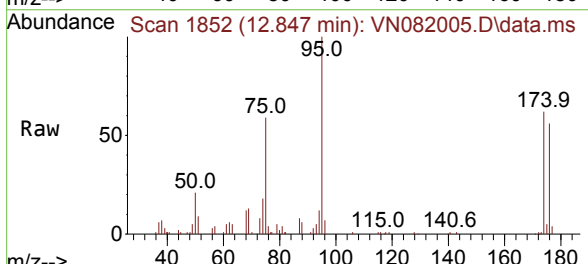
Instrument :
MSVOA_N
ClientSampleId :

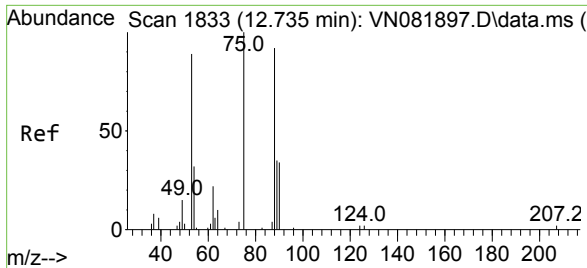
Tgt Ion: 98 Resp: 236782
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 15.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082005.D
Acq: 06 May 2024 13:23

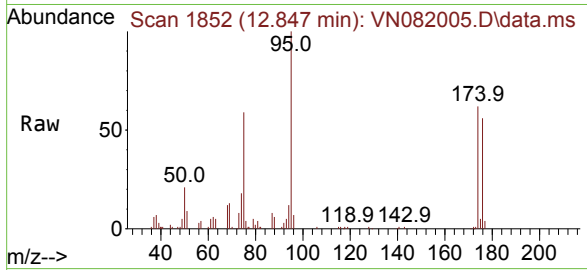
Tgt Ion: 75 Resp: 39164
Ion Ratio Lower Upper
75 100
77 1.9 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 35.727 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082005.D
 Acq: 06 May 2024 13:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 39164
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

