Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
Data File : VN080680.D
Acq On : 11 Jan 2024 16:50
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 05:25:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 12 05:20:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	13979	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	117873	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	127042	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	60257	26.693	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 88.967%#			
60) 4-Bromofluorobenzene	12.847	95	79105	28.148	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.833%			
63) Toluene-d8	10.571	98	168489	30.219	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.733%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	2549	0.788	ug/l	89
13) Acrolein	4.159	56	200	0.559	ug/l #	1
23) tert-Butyl Alcohol	5.500	59	245	0.585	ug/l #	100
35) Methacrylonitrile	7.789	41	460	0.231	ug/l #	39
36) 1,2-Dichloroethane	9.100	62	4886	1.250	ug/l #	72
72) 1,2,3-Trichloropropane	12.847	75	44810	15.385	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	44810	37.528	ug/l #	12

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

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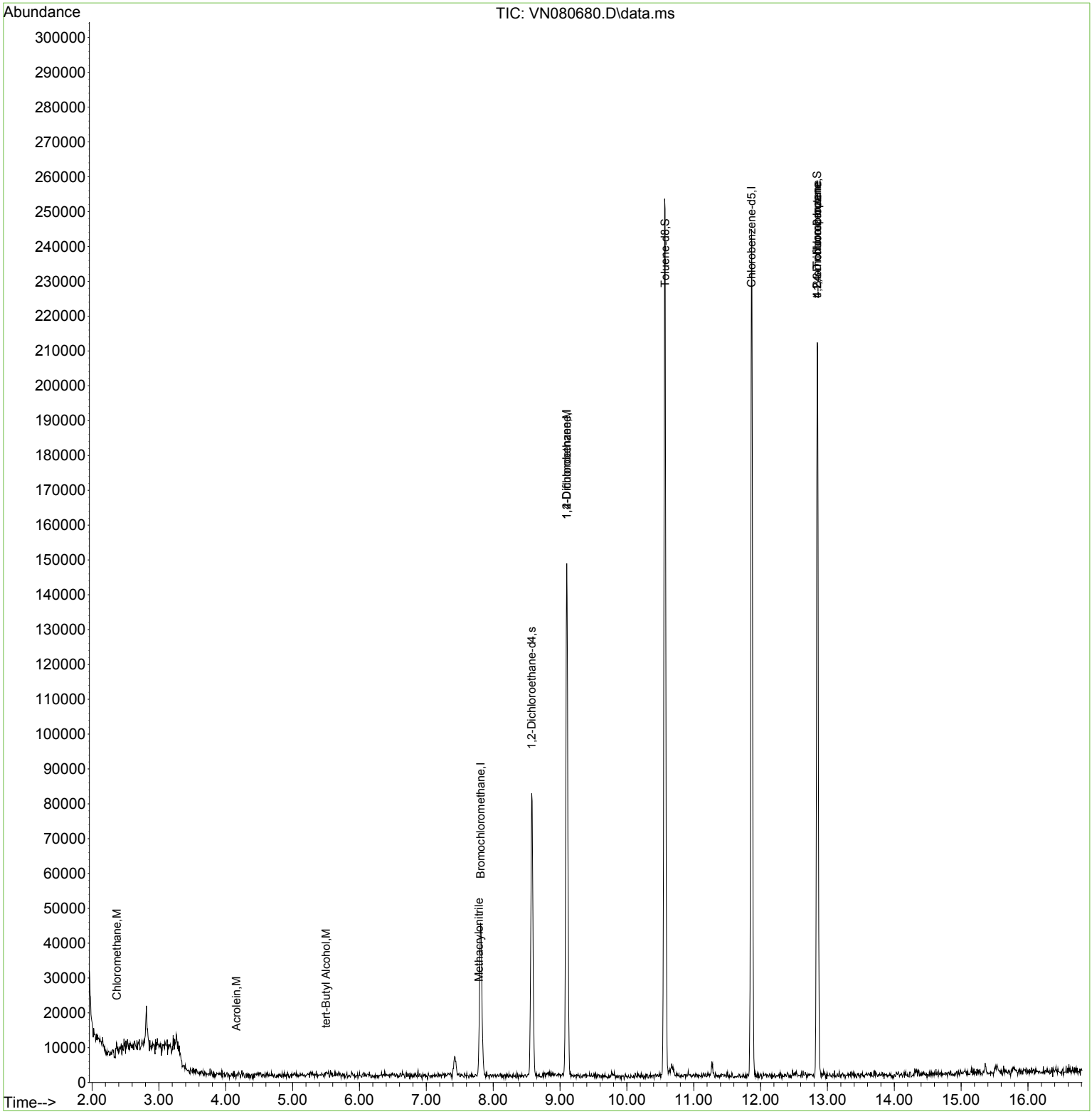
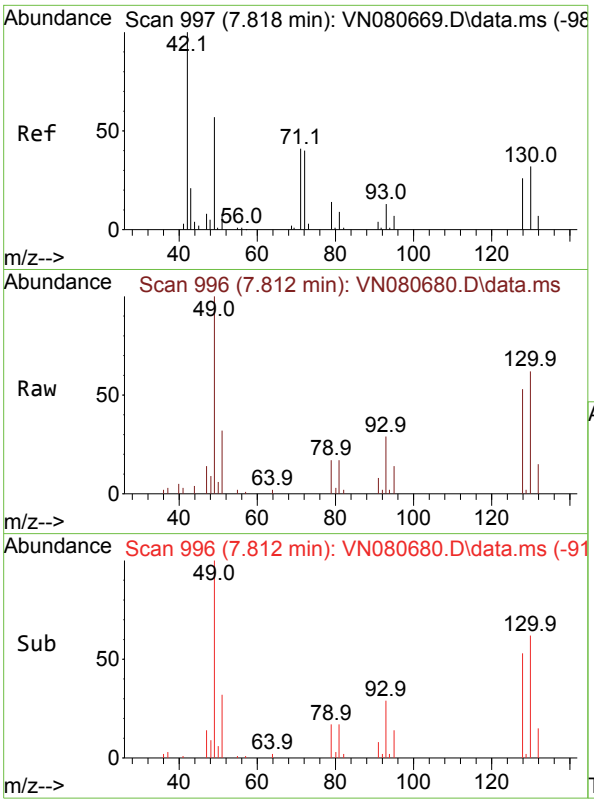


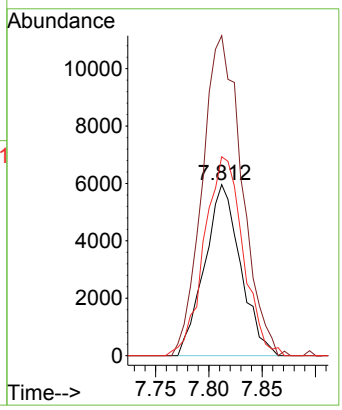


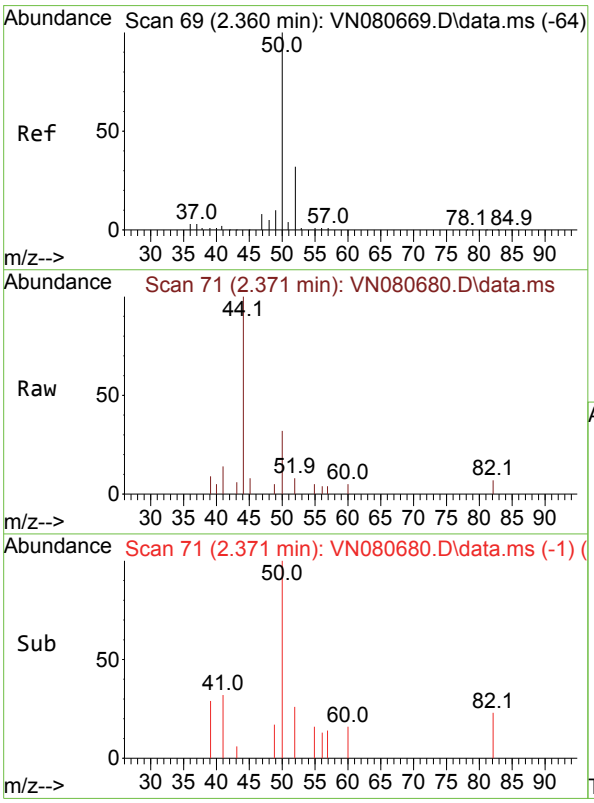
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 13979

Ion	Ratio	Lower	Upper
128	100		
49	206.0	0.0	403.7
130	124.7	0.0	323.3

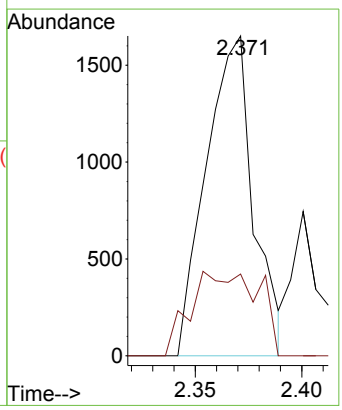


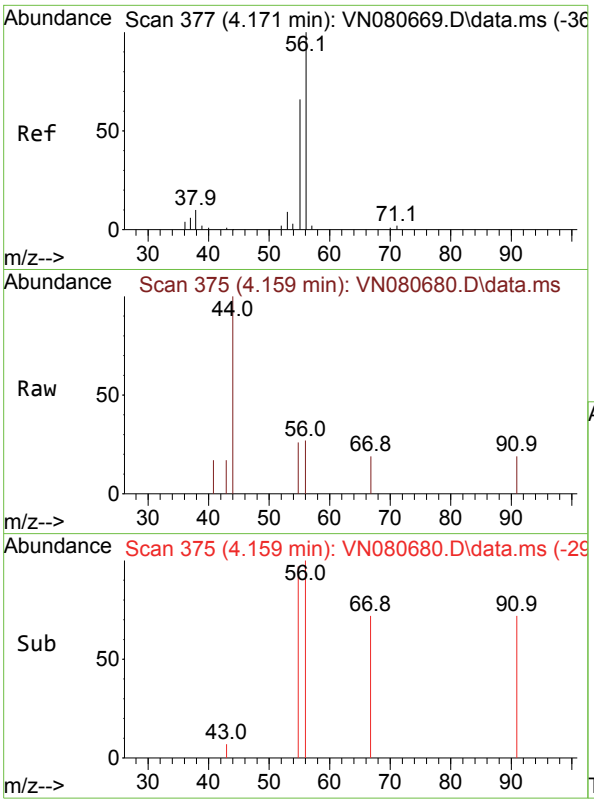


#3
Chloromethane
Concen: 0.788 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.011 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 50 Resp: 2549

Ion	Ratio	Lower	Upper
50	100		
52	25.6	25.4	38.0



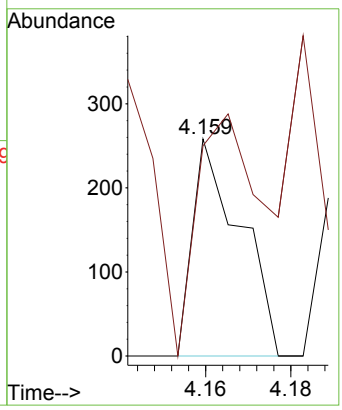


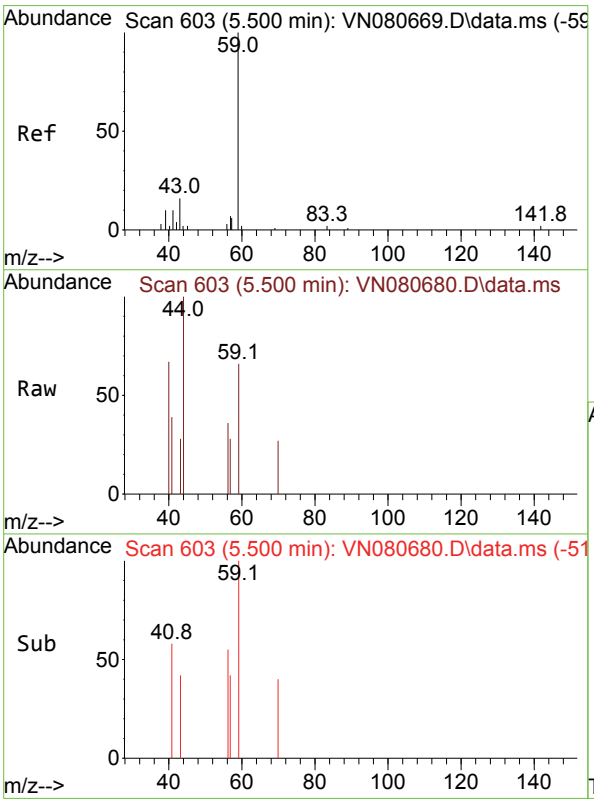
#13
Acrolein
Concen: 0.559 ug/l
RT: 4.159 min Scan# 3
Delta R.T. -0.012 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 200

Ion	Ratio	Lower	Upper
56	100		
55	158.0	55.5	83.3#

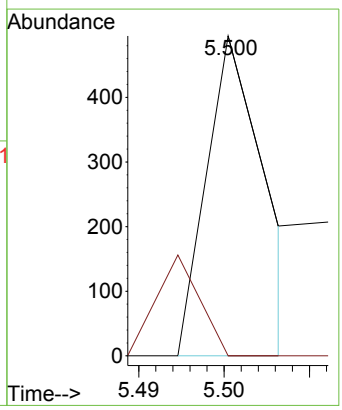


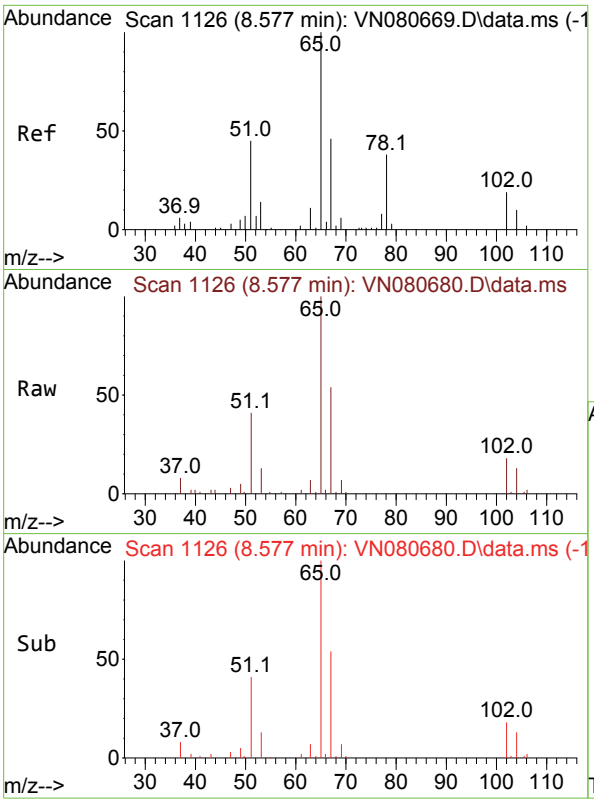


#23
tert-Butyl Alcohol
Concen: 0.585 ug/l
RT: 5.500 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 59 Resp: 245

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



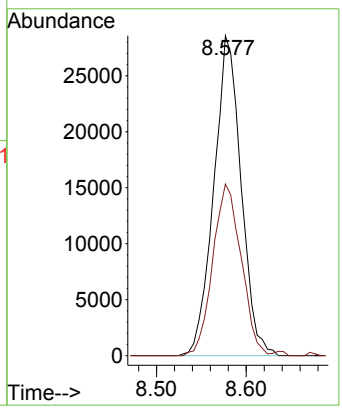


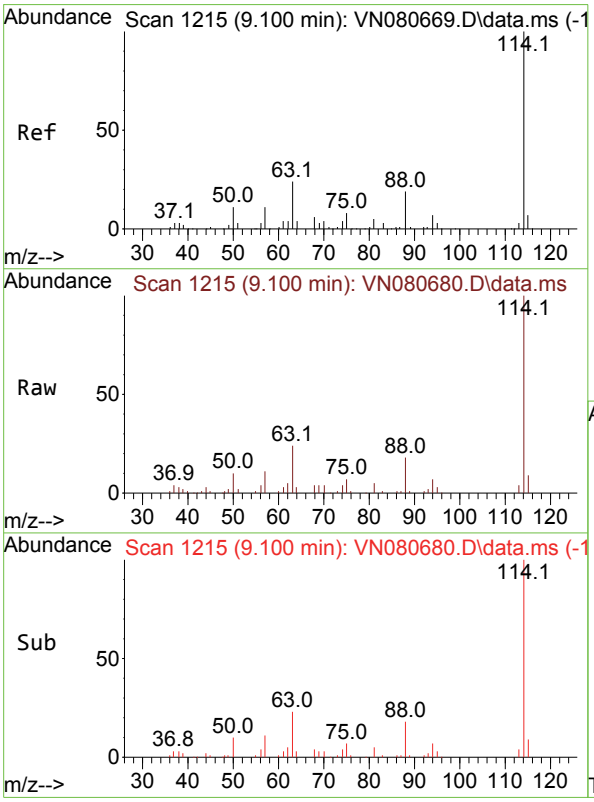
#27
1,2-Dichloroethane-d4
Concen: 26.693 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 60257

Ion	Ratio	Lower	Upper
65	100		
67	55.9	43.2	64.8

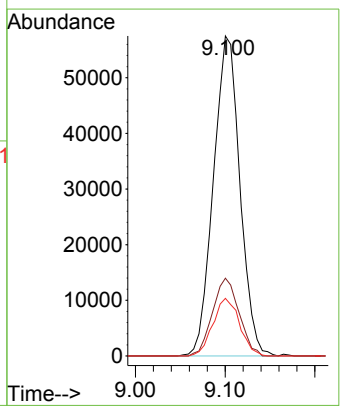


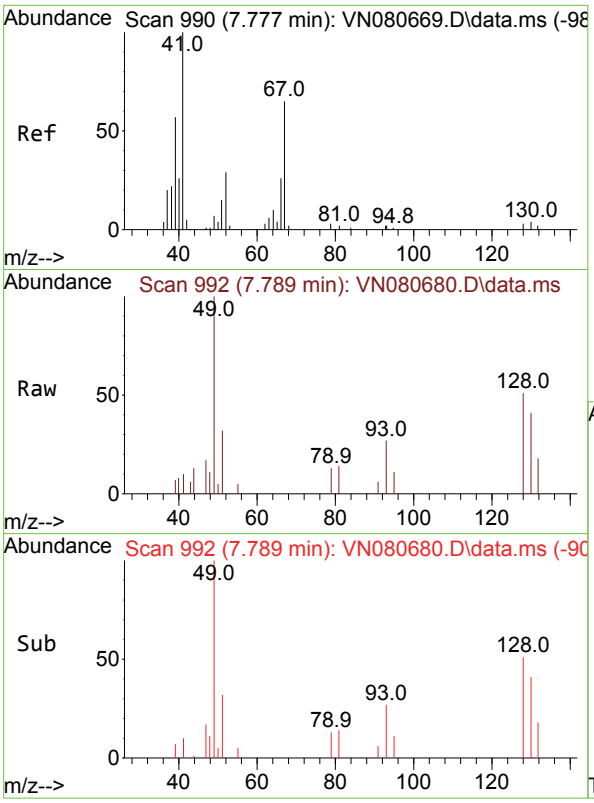


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion:114 Resp: 117873

Ion	Ratio	Lower	Upper
114	100		
63	24.4	15.9	23.9#
88	18.1	12.7	19.1



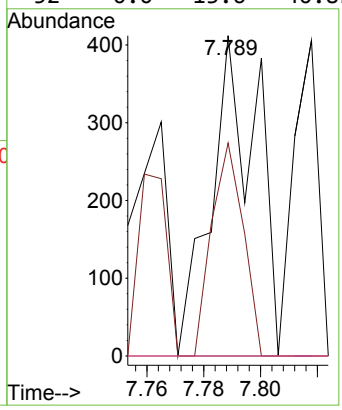


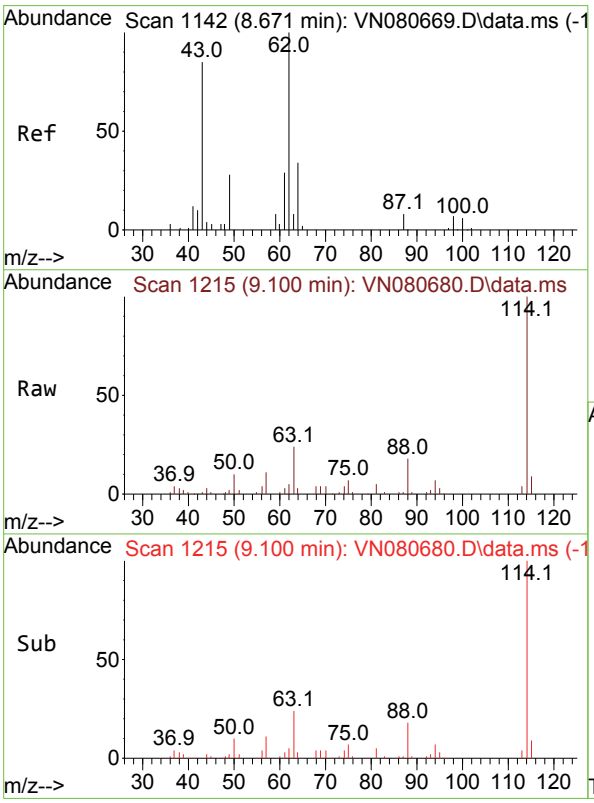
#35
Methacrylonitrile
Concen: 0.231 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 460

Ion	Ratio	Lower	Upper
41	100		
39	66.5	25.3	75.9
67	0.0	38.7	116.1#
52	0.0	13.6	40.8#

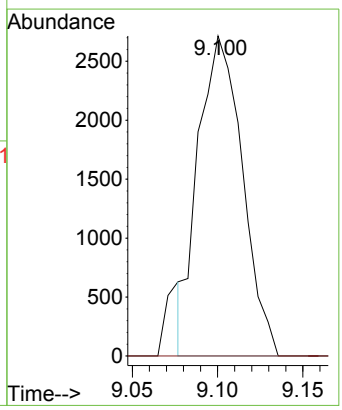


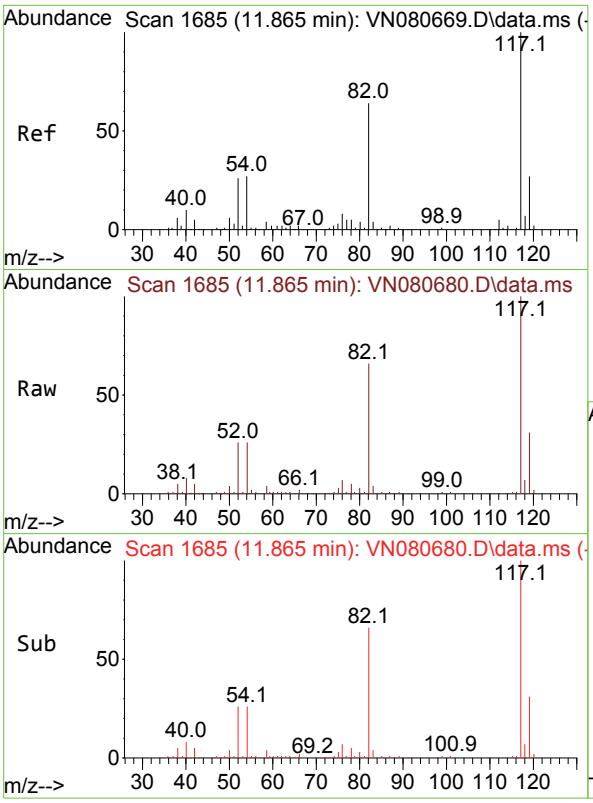


#36
1,2-Dichloroethane
Concen: 1.250 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.429 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 62 Resp: 4886

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#



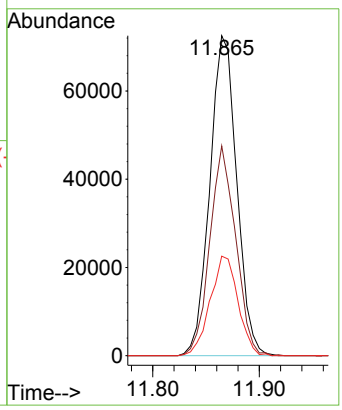


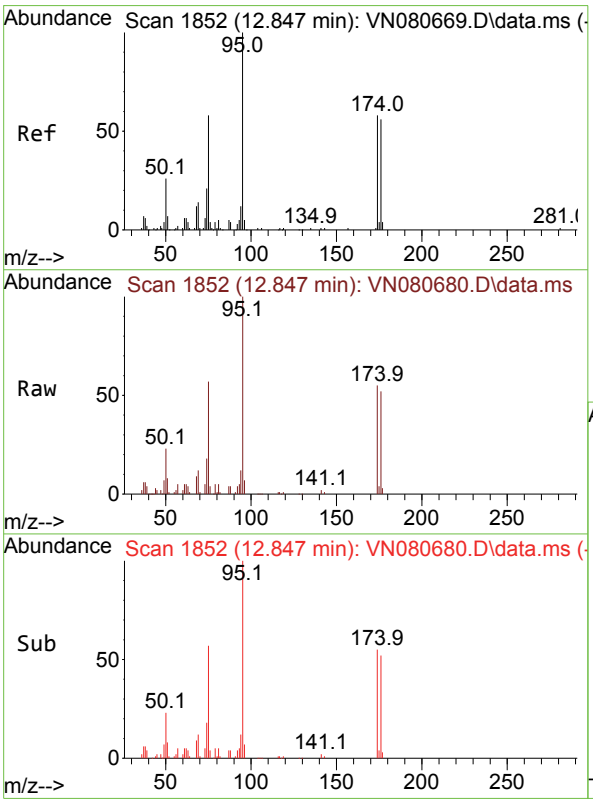
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 127042

Ion	Ratio	Lower	Upper
117	100		
82	62.9	46.6	69.8
119	32.2	25.4	38.2

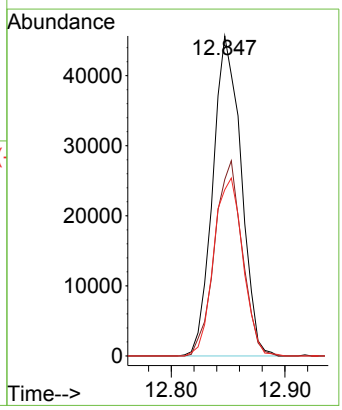


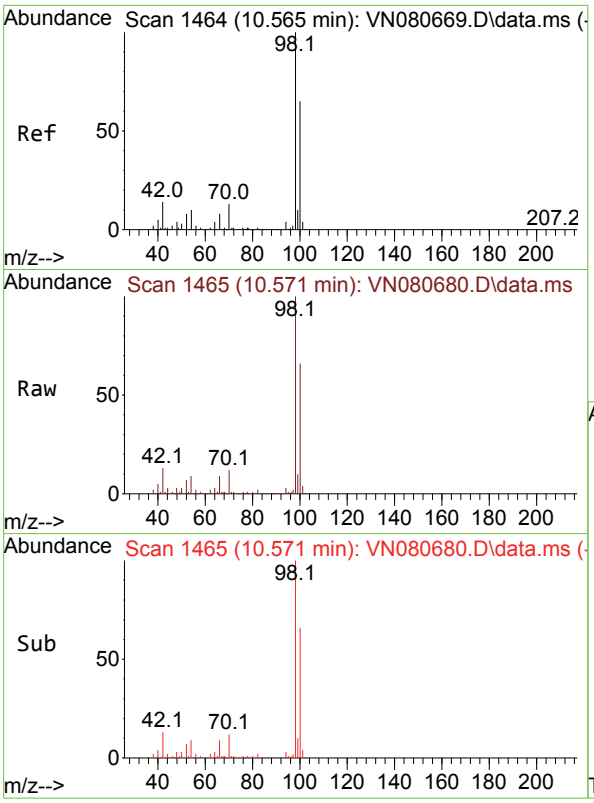


#60
4-Bromofluorobenzene
Concen: 28.148 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 95 Resp: 79105

Ion	Ratio	Lower	Upper
95	100		
174	59.6	60.5	90.7#
176	57.2	57.8	86.6#



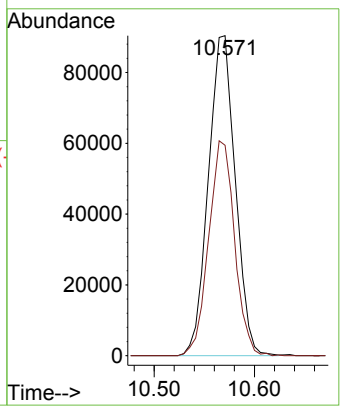


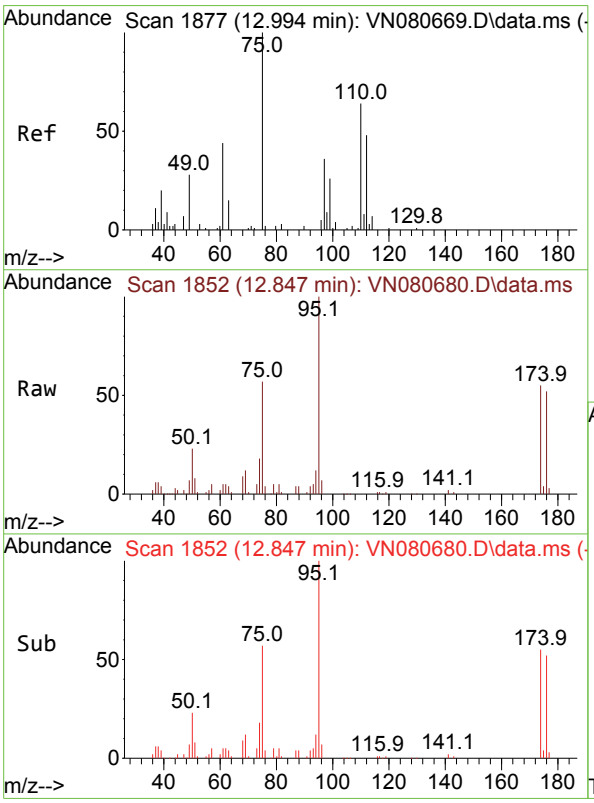
#63
Toluene-d8
Concen: 30.219 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 168489

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.7	79.1

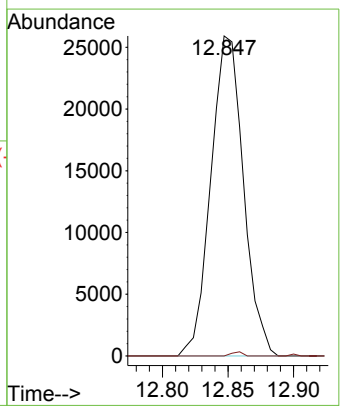


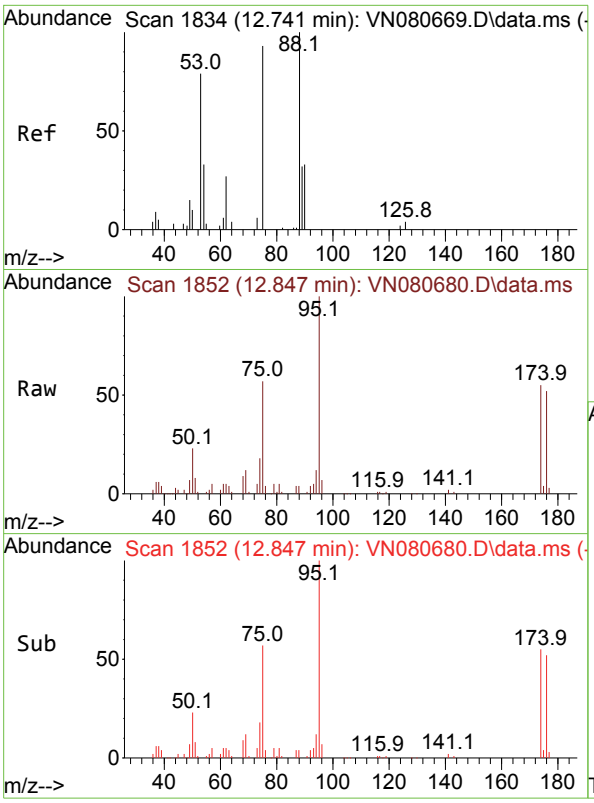


#72
1,2,3-Trichloropropane
Concen: 15.385 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Tgt Ion: 75 Resp: 44810

Ion	Ratio	Lower	Upper
75	100		
77	0.4	0.0	367.6





#77
t-1,4-Dichloro-2-butene
Concen: 37.528 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN080680.D
Acq: 11 Jan 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 44810

Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.9	137.7#
89	0.0	25.9	77.7#