Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
Data File : VN081972.D
Acq On : 02 May 2024 11:08
Operator : JC\MD
Sample : VN0502WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 03 00:09:59 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	37194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	224266	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	187156	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	93818	30.127	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.433%			
60) 4-Bromofluorobenzene	12.847	95	86011	27.615	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.033%			
63) Toluene-d8	10.565	98	274243	30.855	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.867%			
Target Compounds						Qvalue
5) Bromomethane	2.983	94	589	0.488	ug/l	84
13) Acrolein	4.183	56	156	0.258	ug/l #	5
37) Trichloroethene	9.353	130	740	0.284	ug/l #	78
50) 1,1,2-Trichloroethane	10.571	97	7339	3.081	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.153	63	666	0.296	ug/l #	73
77) t-1,4-Dichloro-2-butene	12.853	75	47340	36.763	ug/l #	12
90) Hexachlorobutadiene	15.500	225	341	0.405	ug/l #	41

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

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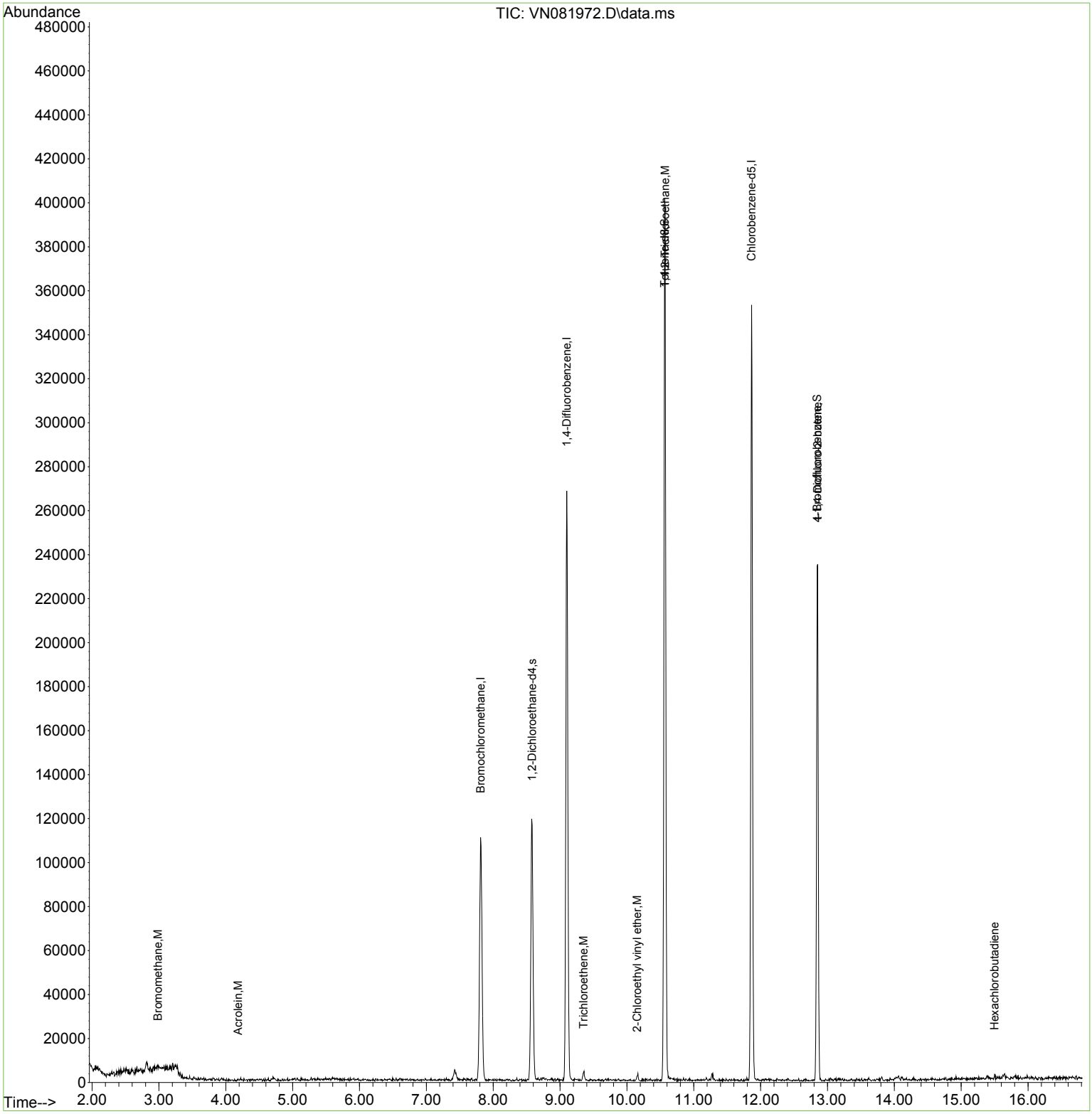
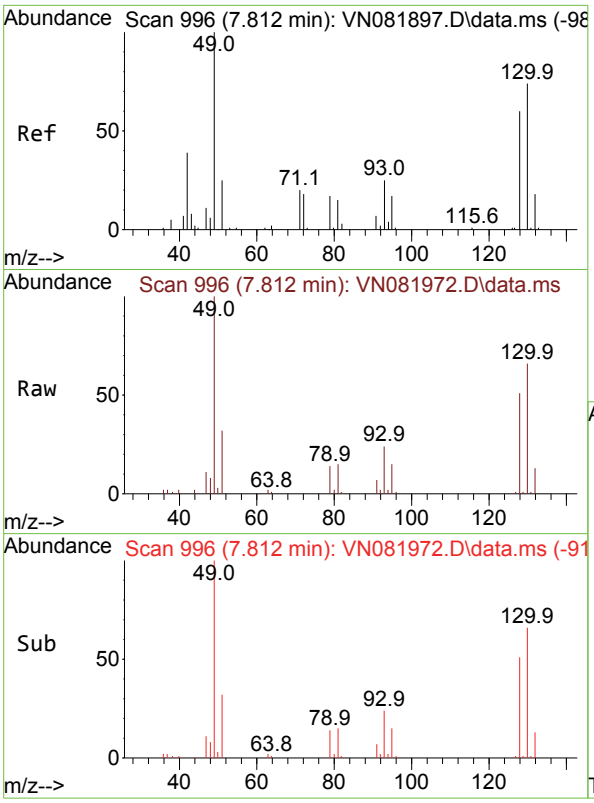


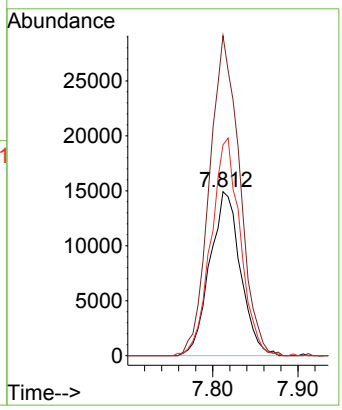


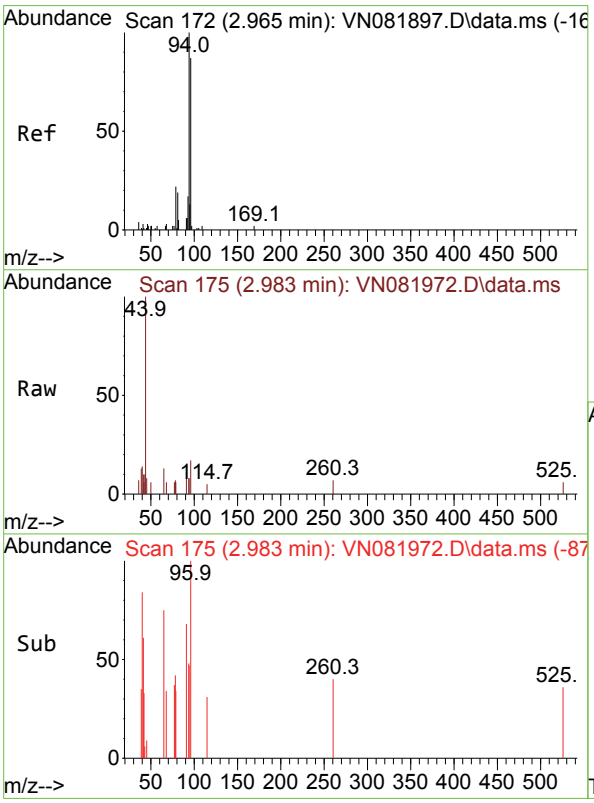
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 37194

Ion	Ratio	Lower	Upper
128	100		
49	192.4	0.0	403.7
130	126.8	0.0	323.3

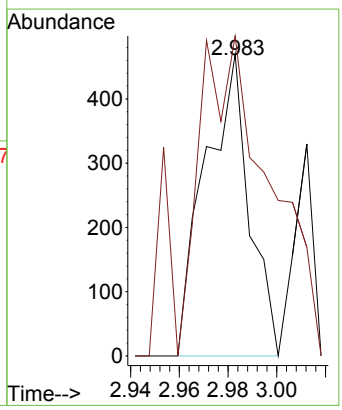


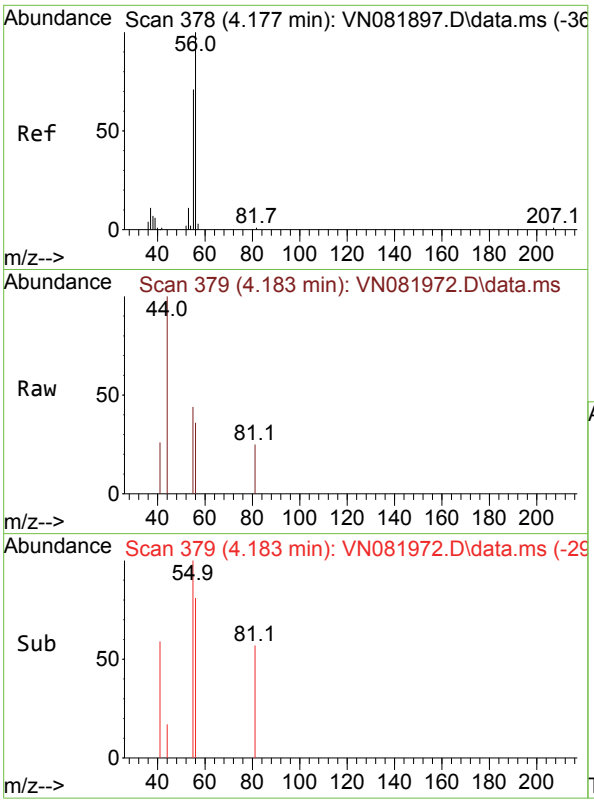


#5
Bromomethane
Concen: 0.488 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.018 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 94 Resp: 589

Ion	Ratio	Lower	Upper
94	100		
96	106.0	72.8	109.2



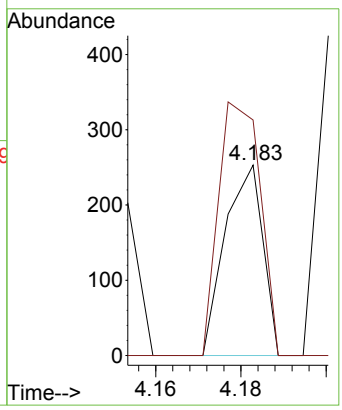


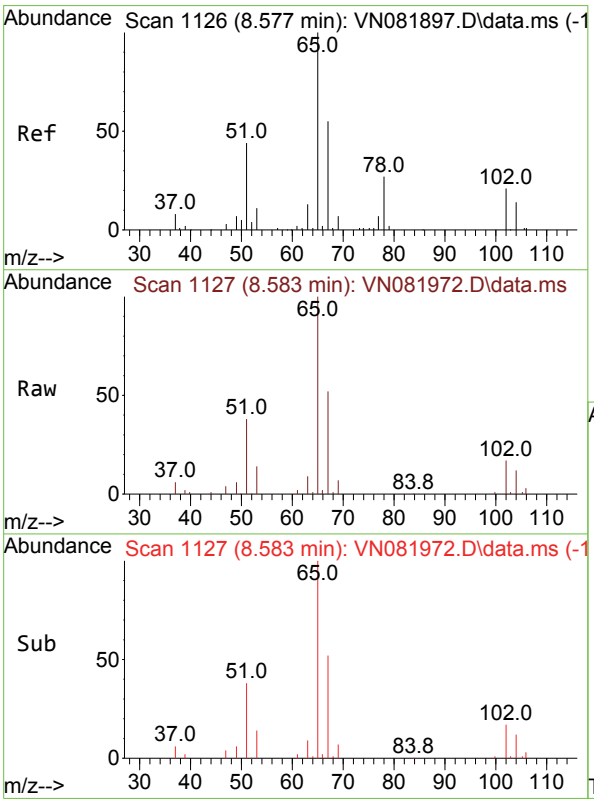
#13
Acrolein
Concen: 0.258 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 156

Ion	Ratio	Lower	Upper
56	100		
55	146.8	55.5	83.3#

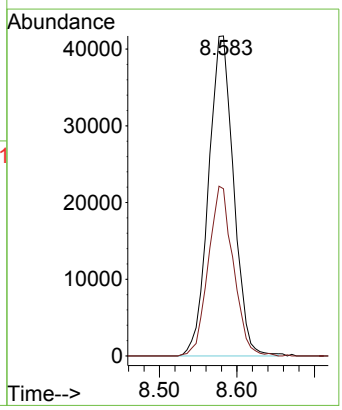


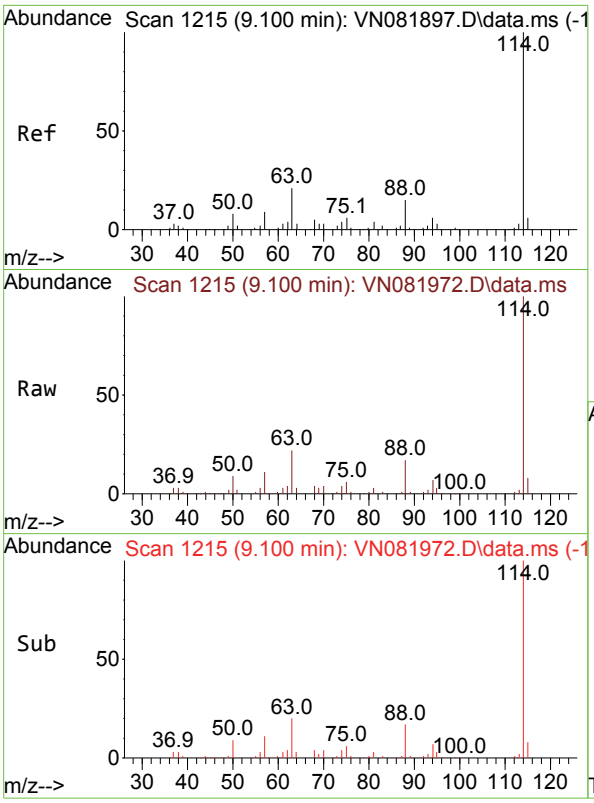


#27
1,2-Dichloroethane-d4
Concen: 30.127 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 65 Resp: 93818

Ion	Ratio	Lower	Upper
65	100		
67	52.9	43.2	64.8



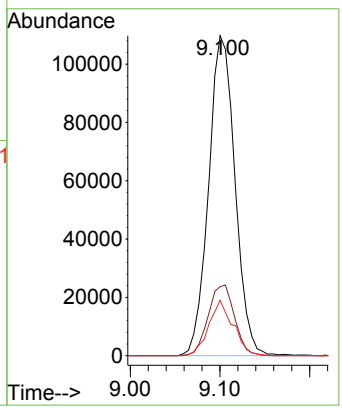


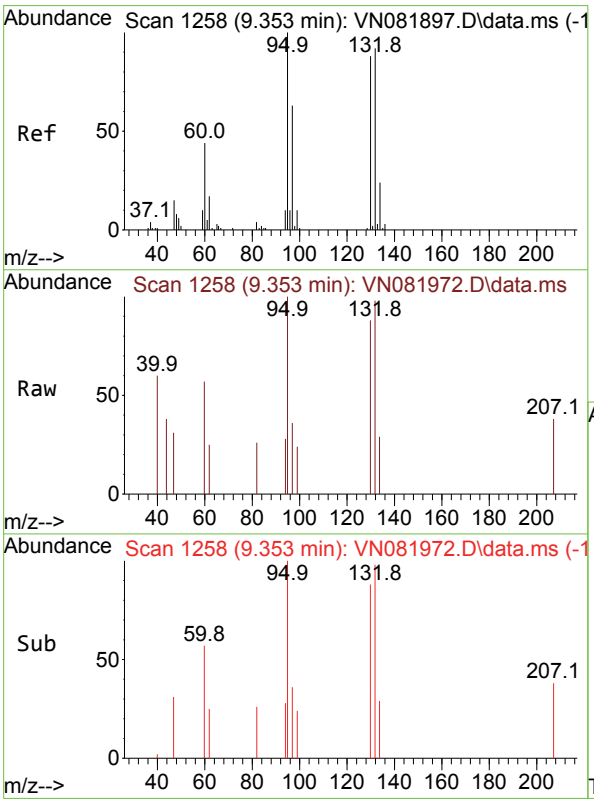
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 224266

Ion	Ratio	Lower	Upper
114	100		
63	22.0	15.9	23.9
88	16.0	12.7	19.1

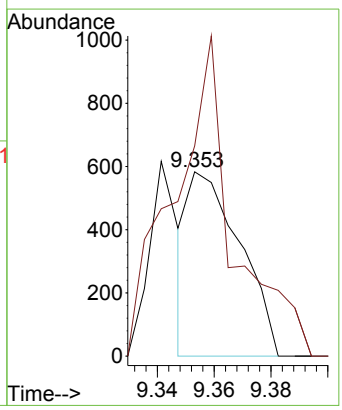


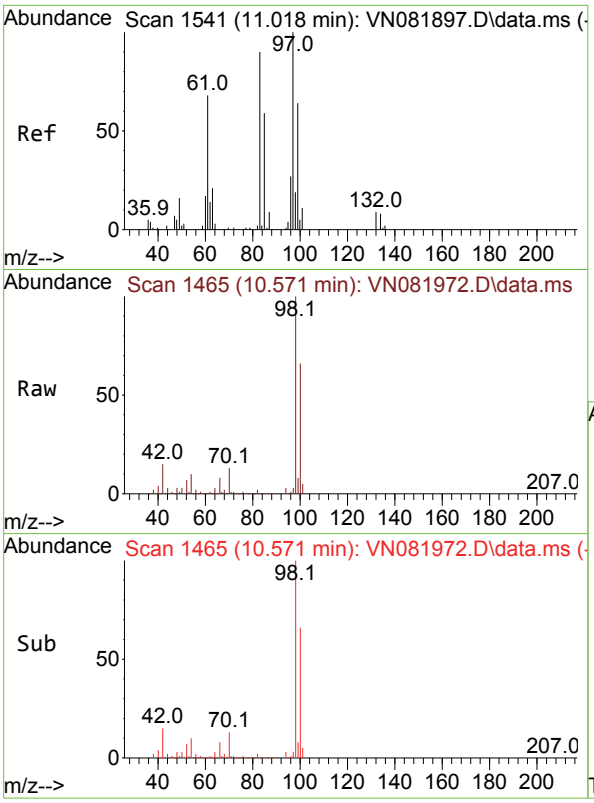


#37
Trichloroethene
Concen: 0.284 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion:130 Resp: 740

Ion	Ratio	Lower	Upper
130	100		
95	78.4	80.2	120.4#



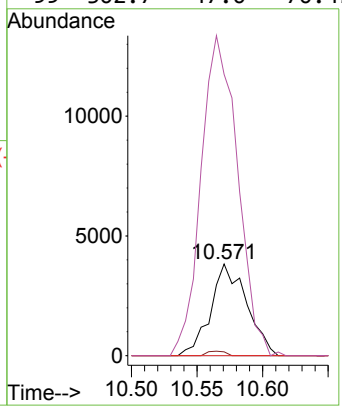


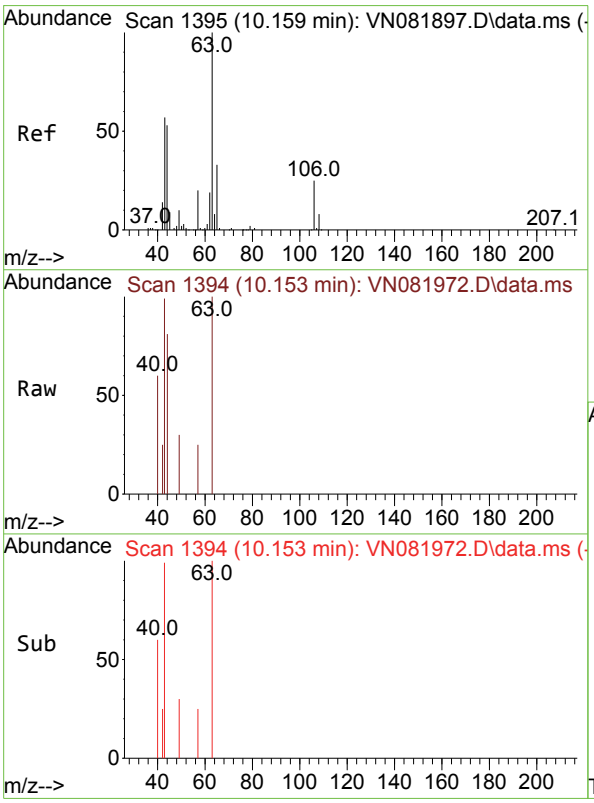
#50
1,1,2-Trichloroethane
Concen: 3.081 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.447 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 7339

Ion	Ratio	Lower	Upper
97	100		
83	4.2	68.1	102.1#
85	0.0	41.8	62.6#
99	302.7	47.0	70.4#

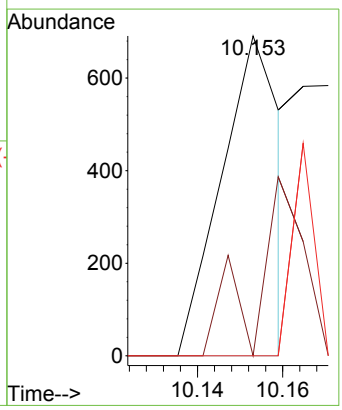


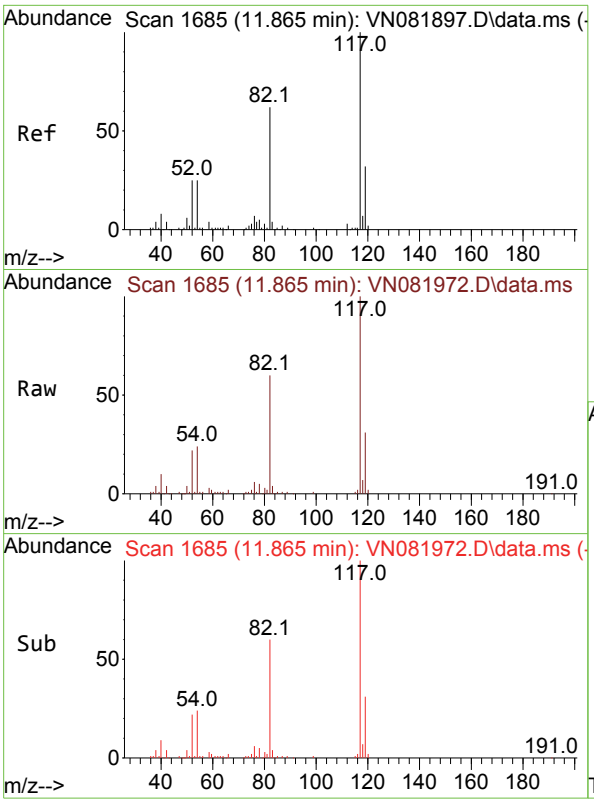


#55
2-Chloroethyl vinyl ether
Concen: 0.296 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 63 Resp: 666

Ion	Ratio	Lower	Upper
63	100		
65	33.6	26.2	39.2
106	0.0	23.8	35.8#



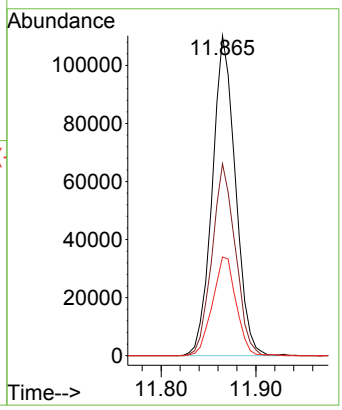


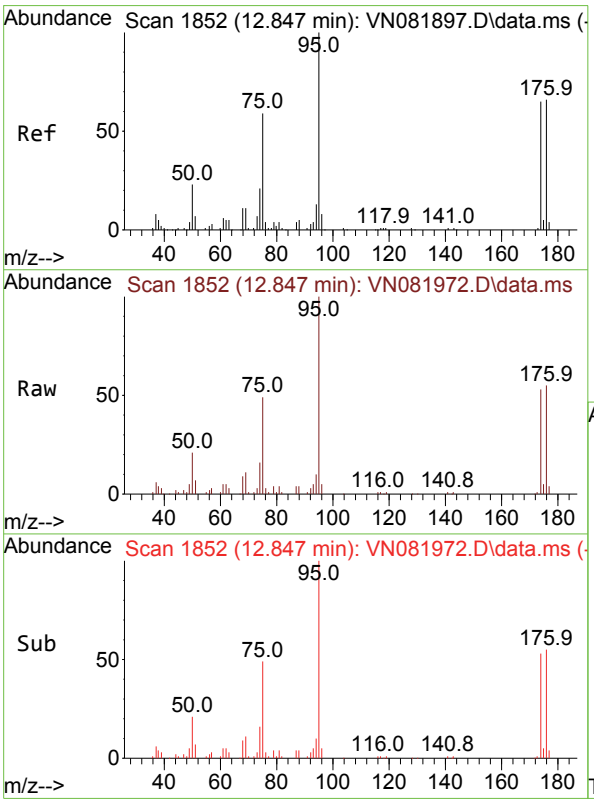
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 187156

Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	31.4	25.4	38.2

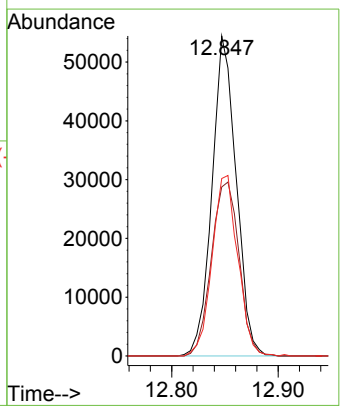


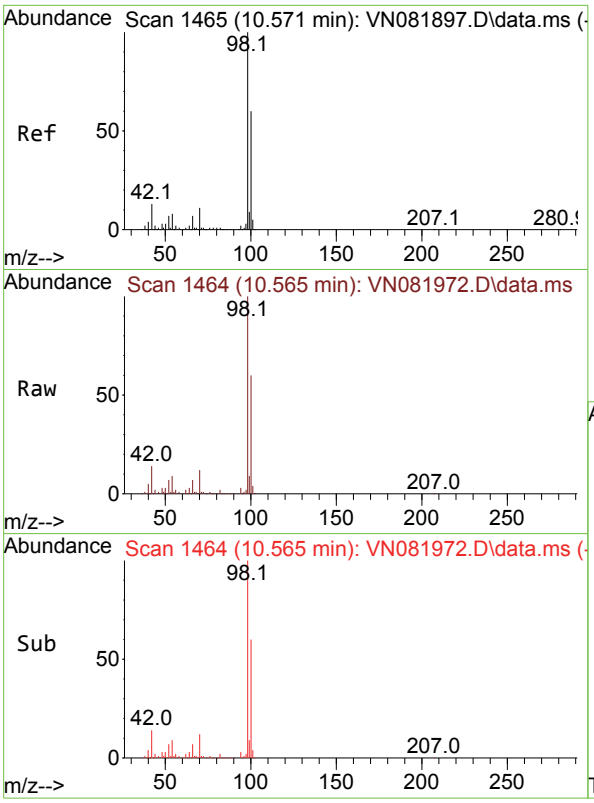


#60
4-Bromofluorobenzene
Concen: 27.615 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 95 Resp: 86011

Ion	Ratio	Lower	Upper
95	100		
174	62.1	60.5	90.7
176	59.8	57.8	86.6



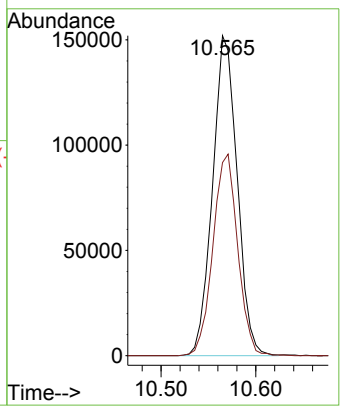


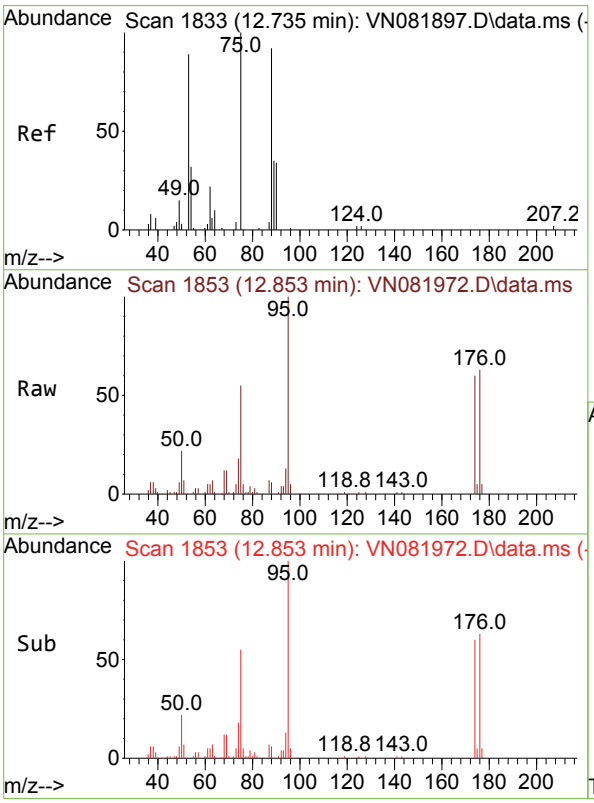
#63
Toluene-d8
Concen: 30.855 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 274243

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.7	79.1

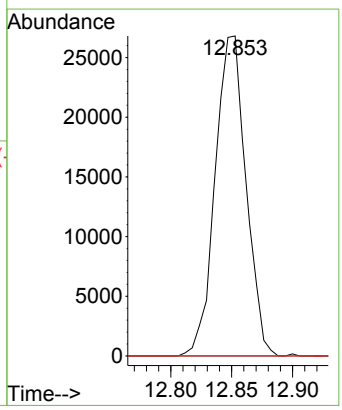


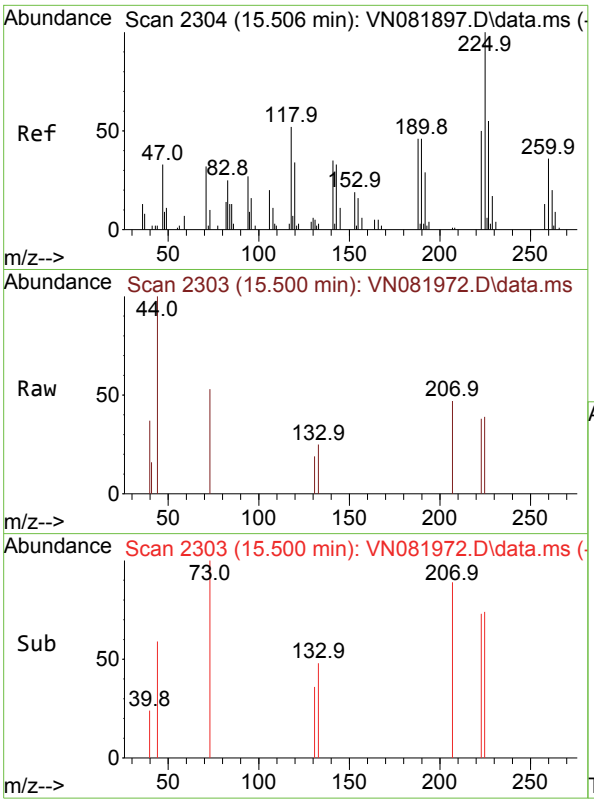


#77
t-1,4-Dichloro-2-butene
Concen: 36.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Tgt Ion: 75 Resp: 47340

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





#90
Hexachlorobutadiene
Concen: 0.405 ug/l
RT: 15.500 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN081972.D
Acq: 02 May 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 341

Ion	Ratio	Lower	Upper
225	100		
223	92.4	0.0	126.6
227	0.0	0.0	126.6