Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
Data File : VN071686.D
Acq On : 31 Mar 2022 02:57
Operator : JC\MD
Sample : N2075-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Quant Time: Mar 31 07:46:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	647995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1106963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1119544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	402961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	380039	51.373	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.740%			
35) Dibromofluoromethane	8.016	113	315568	48.446	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.900%			
50) Toluene-d8	10.439	98	1379239	51.760	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.727	95	462191	53.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.260%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.604	73	11564	0.582	ug/l	95
30) Chloroform	7.822	83	3620	0.309	ug/l #	76
44) Trichloroethene	9.216	130	33433	4.516	ug/l	99
64) Tetrachloroethene	10.974	164	2937	0.397	ug/l #	81

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

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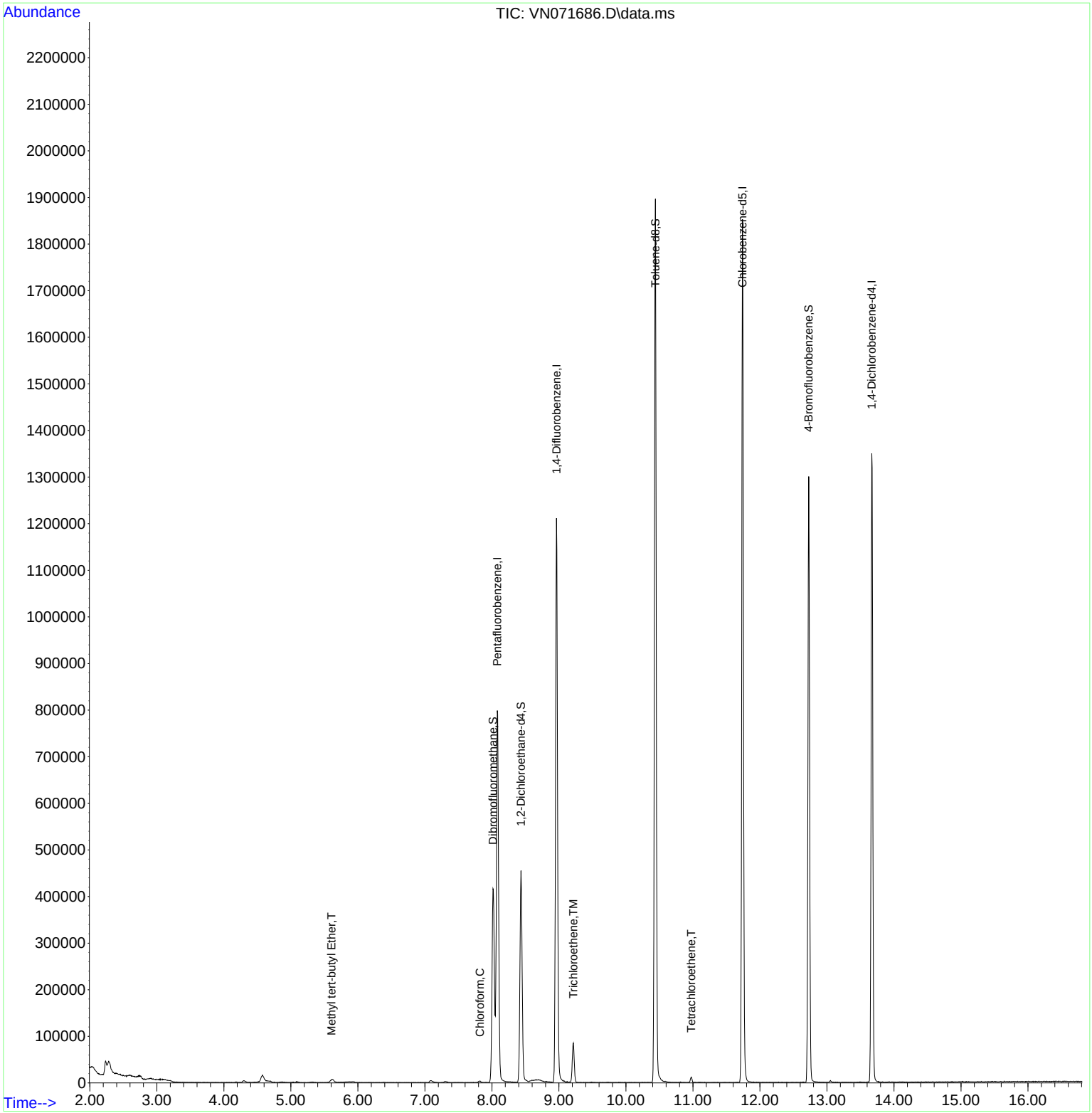
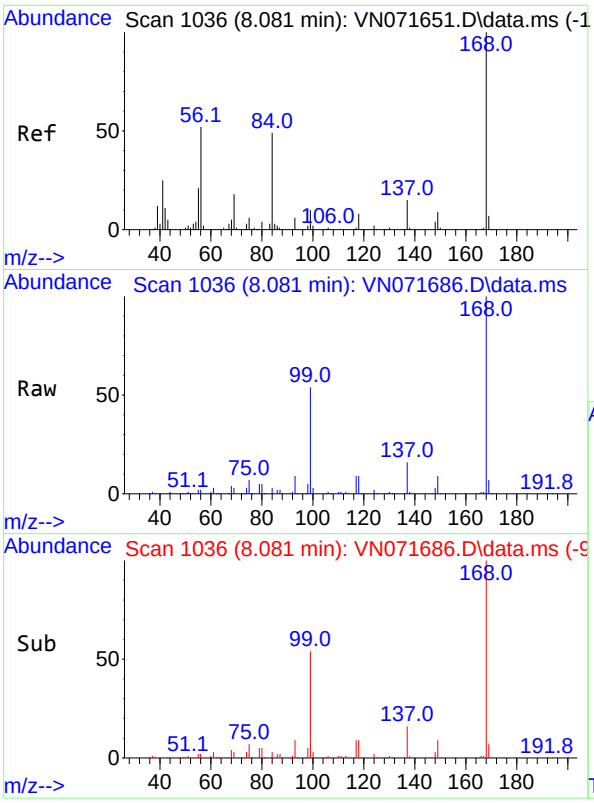


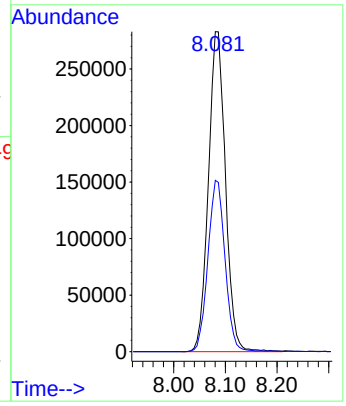


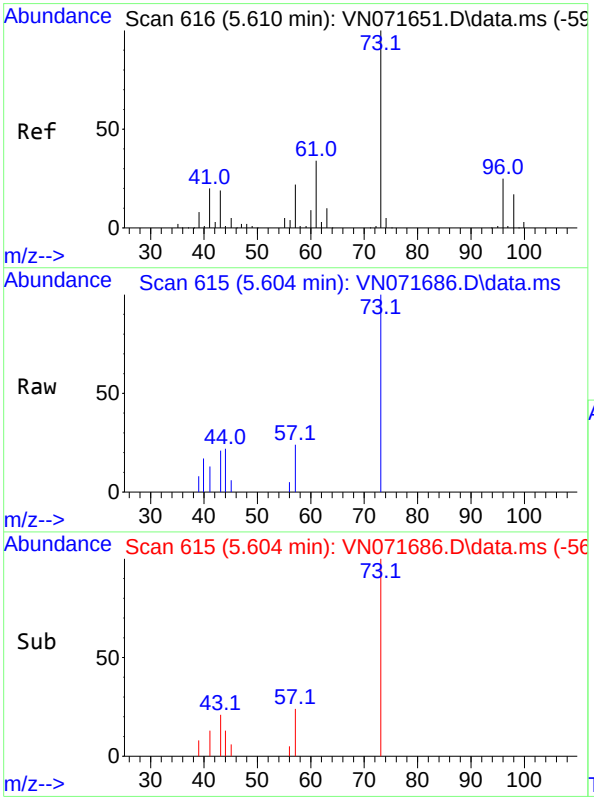
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:168 Resp: 647995

Ion	Ratio	Lower	Upper
168	100		
99	53.6	42.3	63.5

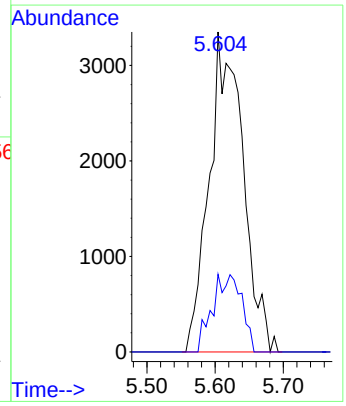


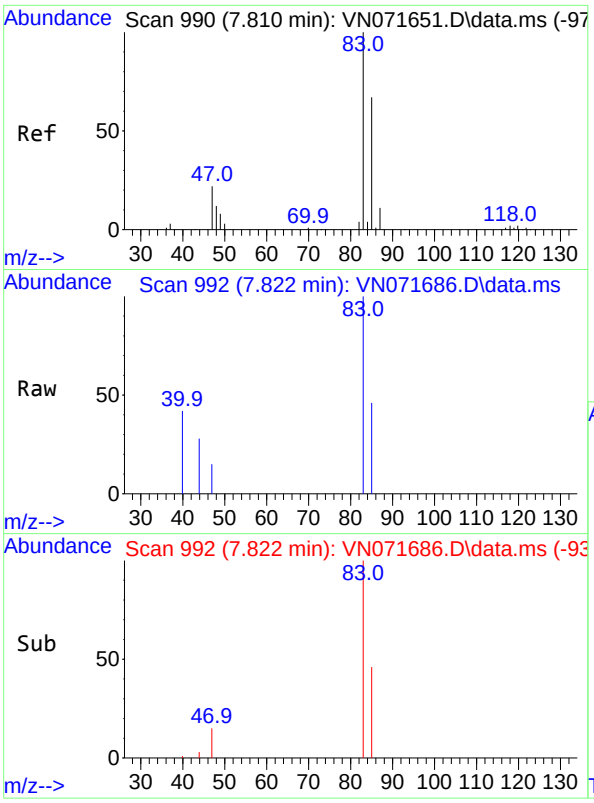


#19
Methyl tert-butyl Ether
Concen: 0.582 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 73 Resp: 11564

Ion	Ratio	Lower	Upper
73	100		
57	24.2	17.6	26.4



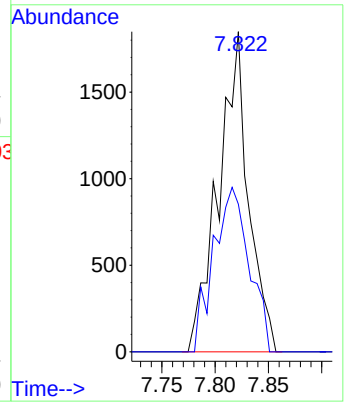


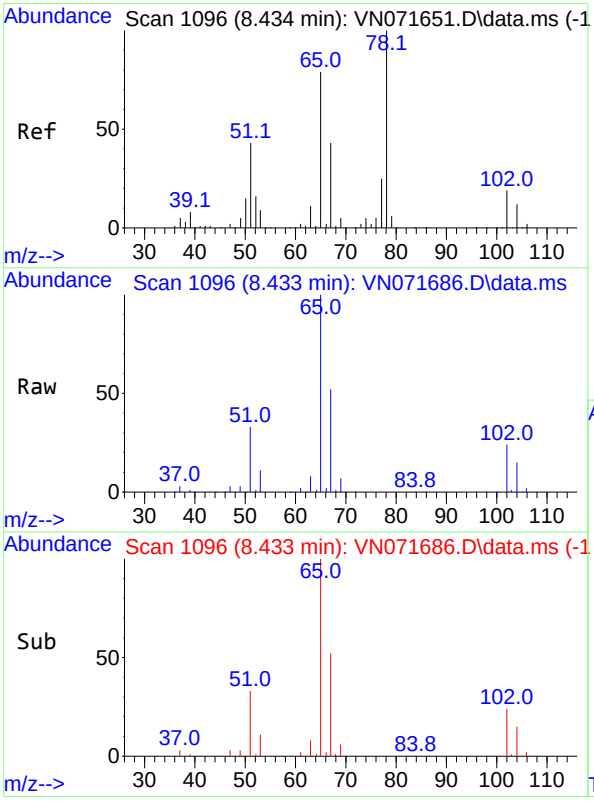
#30
Chloroform
Concen: 0.309 ug/l
RT: 7.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion: 83 Resp: 3620

Ion	Ratio	Lower	Upper
83	100		
85	46.1	51.8	77.8#

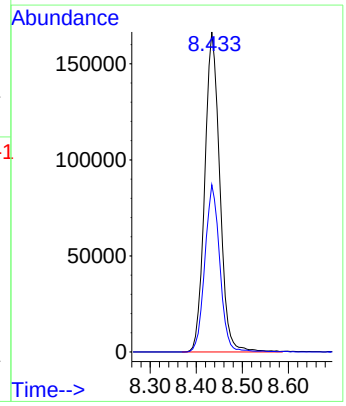


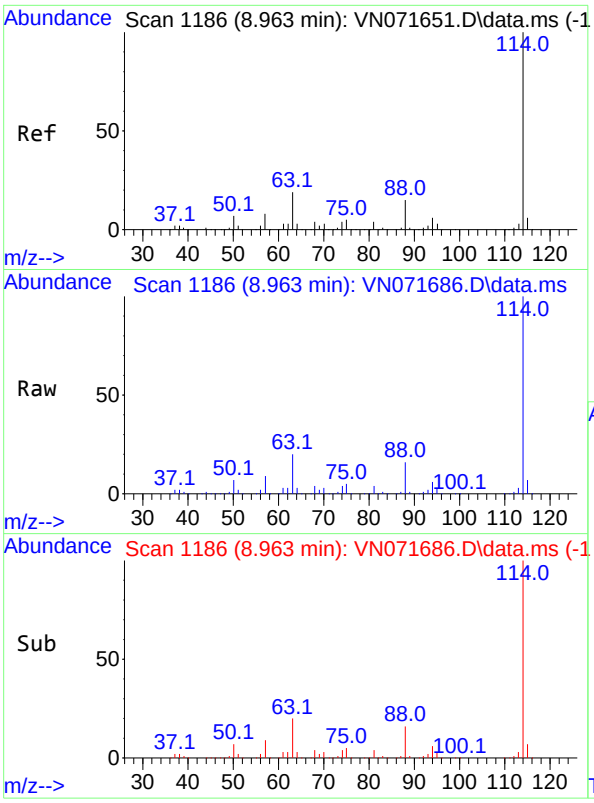


#33
1,2-Dichloroethane-d4
Concen: 51.373 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 65 Resp: 380039

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



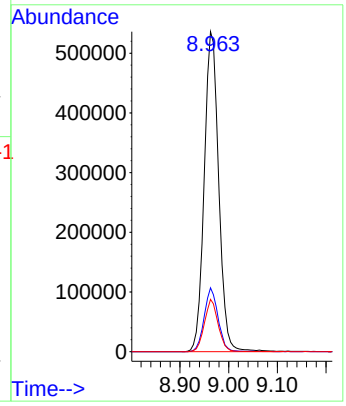


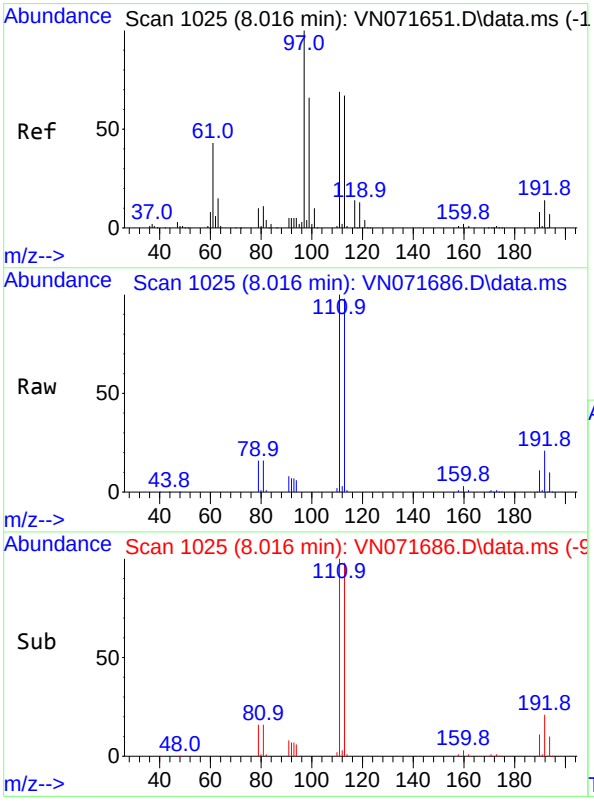
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:114 Resp: 1106963

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	16.4	0.0	32.6

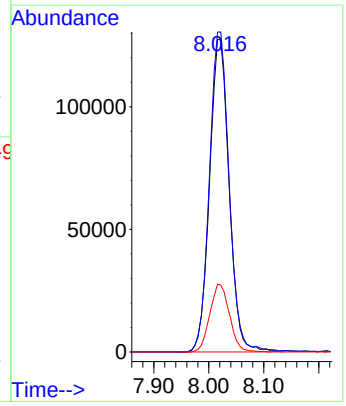


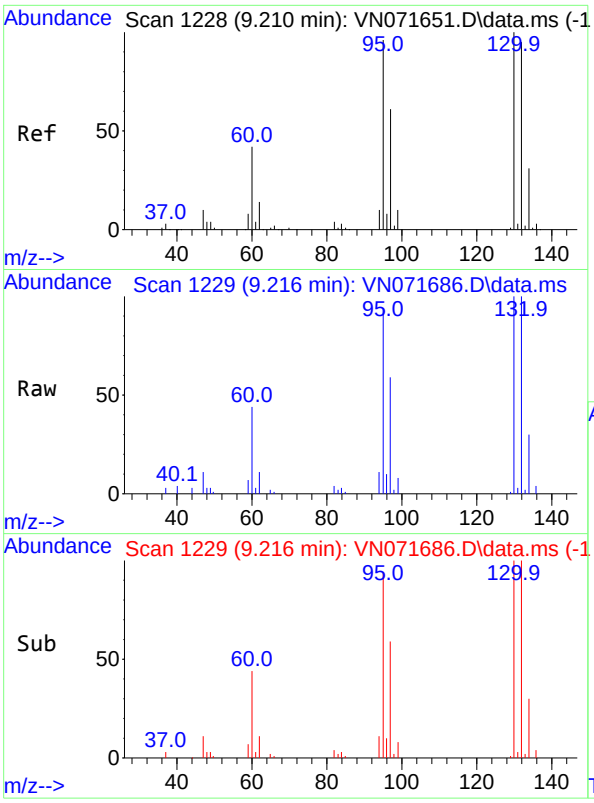


#35
Dibromofluoromethane
Concen: 48.446 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion:113 Resp: 315568

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	21.7	17.0	25.6



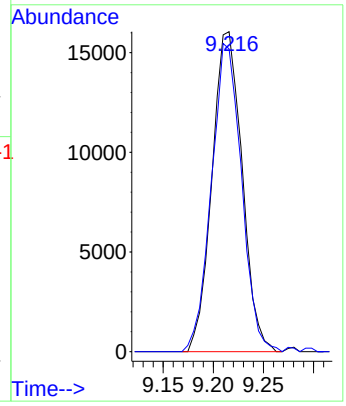


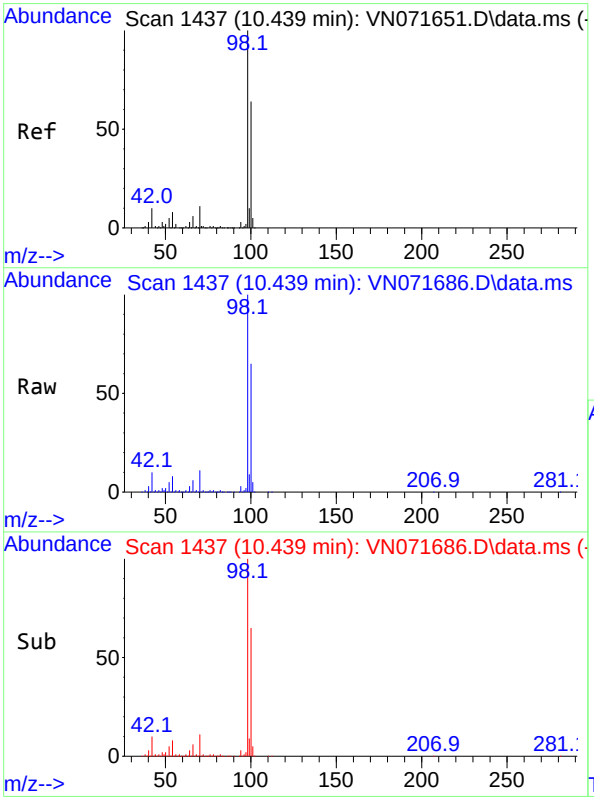
#44
Trichloroethene
Concen: 4.516 ug/l
RT: 9.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:130 Resp: 33433

Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	186.8

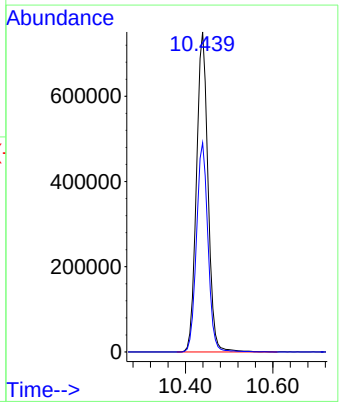


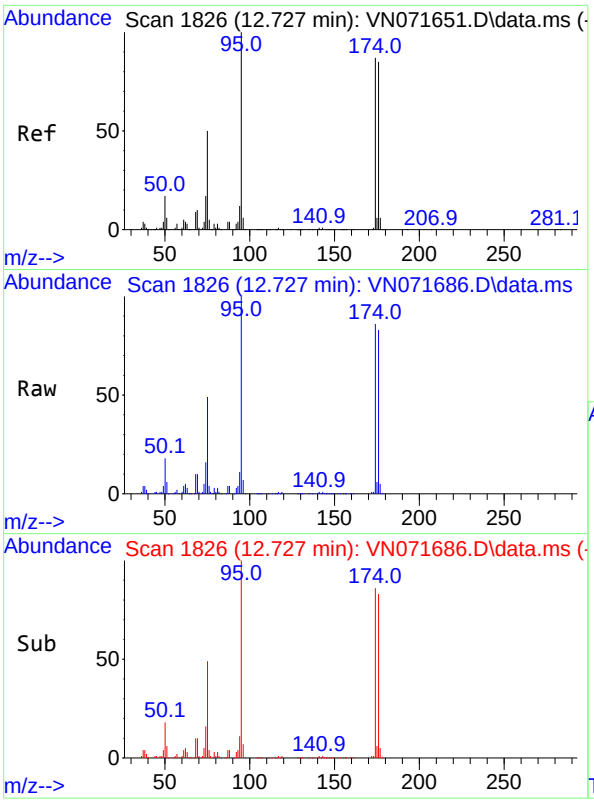


#50
Toluene-d8
Concen: 51.760 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion: 98 Resp: 1379239

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8



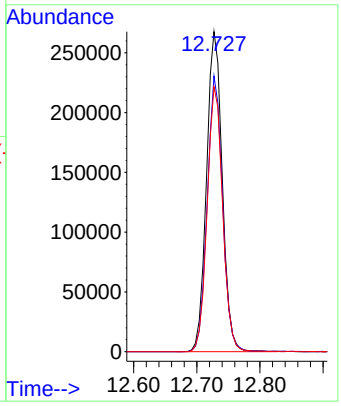


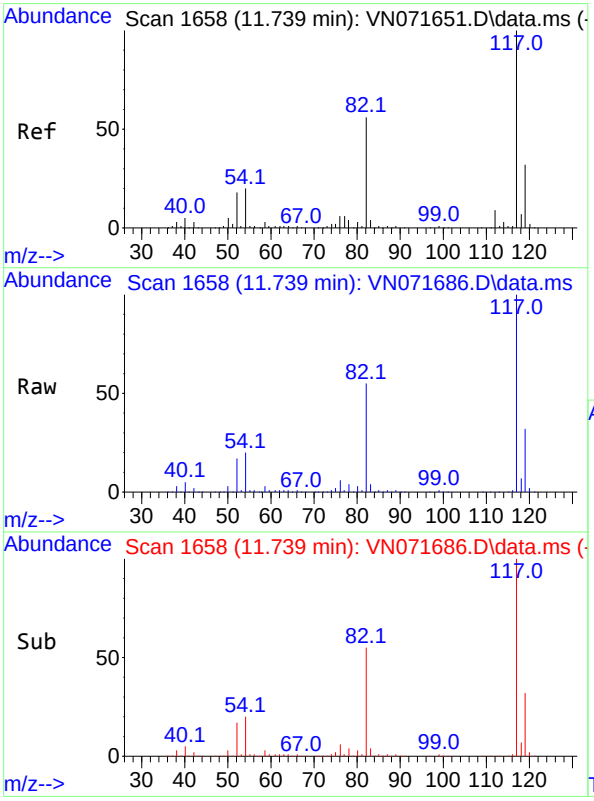
#62
4-Bromofluorobenzene
Concen: 53.631 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion: 95 Resp: 462191

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	167.6
176	81.7	0.0	163.4

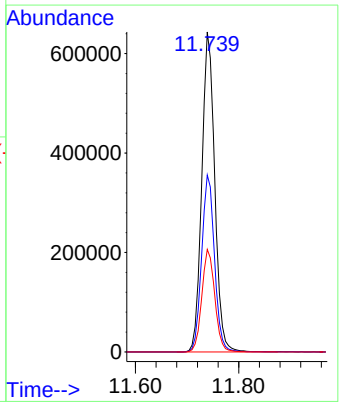


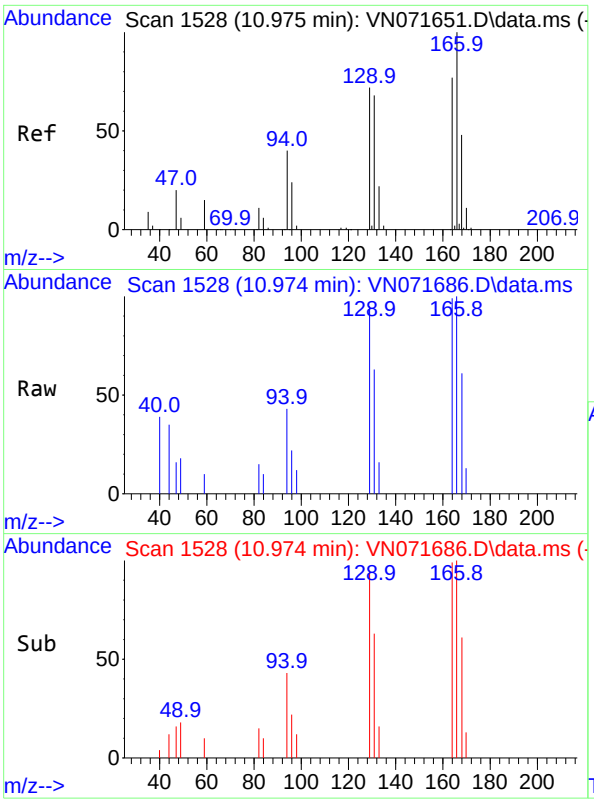


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion:117 Resp: 1119544

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.2
119	32.1	25.4	38.0



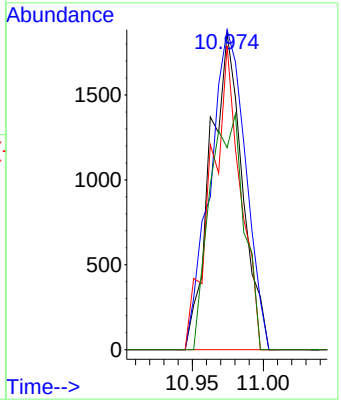


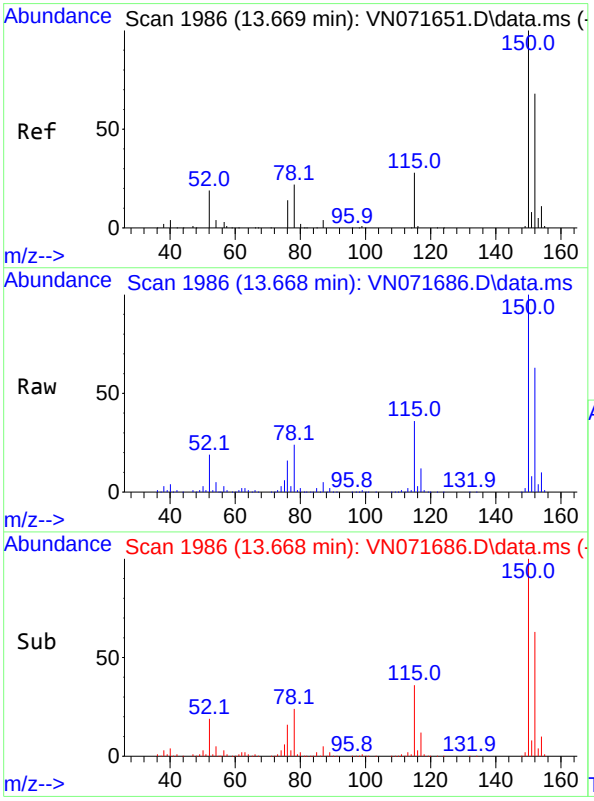
#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 10.974 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
MW-178I-20220322

Tgt Ion:164 Resp: 2937

Ion	Ratio	Lower	Upper
164	100		
166	101.1	104.2	156.2#
129	96.1	73.9	110.9
131	63.8	69.4	104.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071686.D
Acq: 31 Mar 2022 02:57

Tgt Ion:152 Resp: 402961

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.9	86.7
150	158.1	0.0	356.2