Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
Data File : VN075719.D
Acq On : 12 Dec 2022 17:41
Operator : JC\MD
Sample : N5978-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Quant Time: Dec 13 01:34:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	229498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	119097	48.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.820%			
35) Dibromofluoromethane	8.177	113	107771	48.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.920%			
50) Toluene-d8	10.571	98	429867	51.473	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.853	95	133842	46.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.740%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.530	62	5091	2.061	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	32788	4.958	ug/l #	63
27) cis-1,2-Dichloroethene	7.500	96	4882	1.830	ug/l	92
73) Isopropylbenzene	12.700	105	2880	0.289	ug/l	87
83) tert-Butylbenzene	13.441	119	1985	0.263	ug/l	93

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

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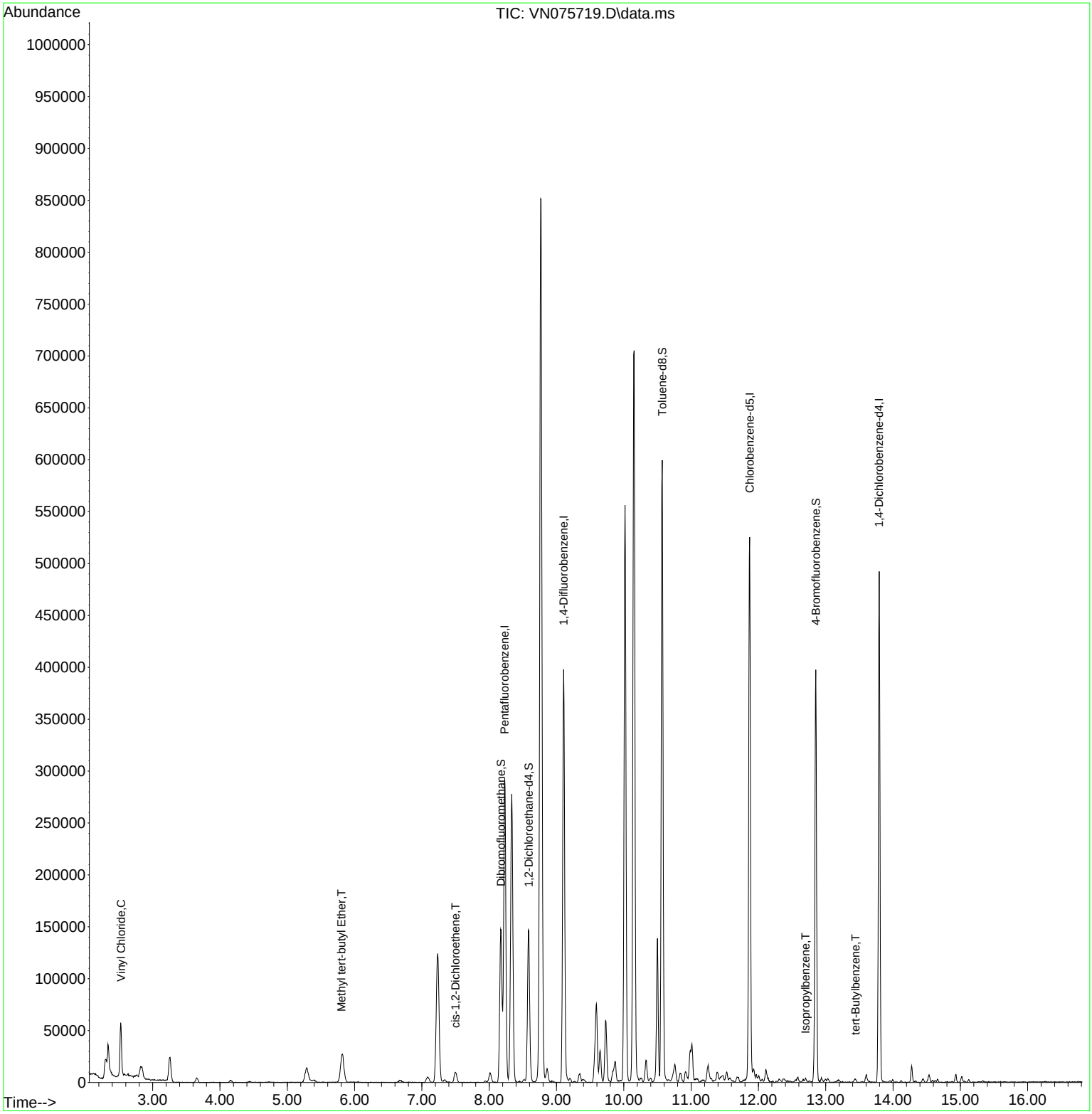
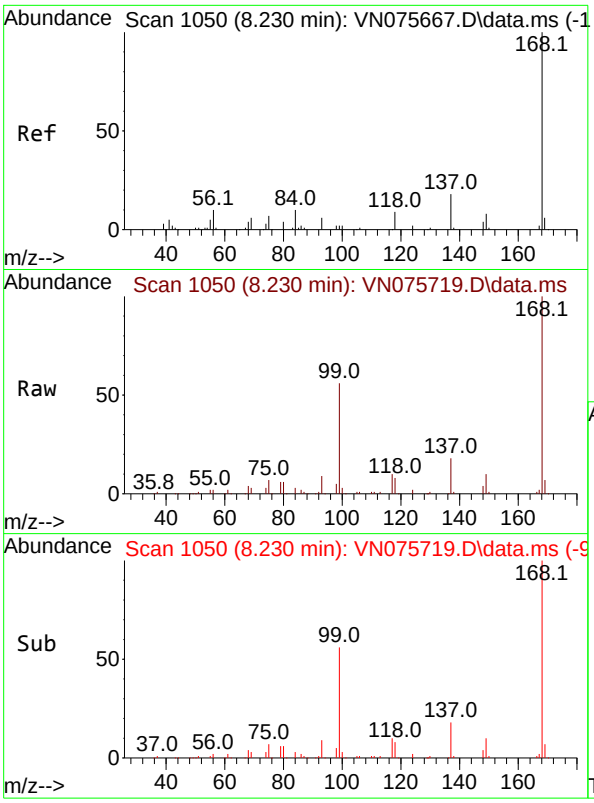


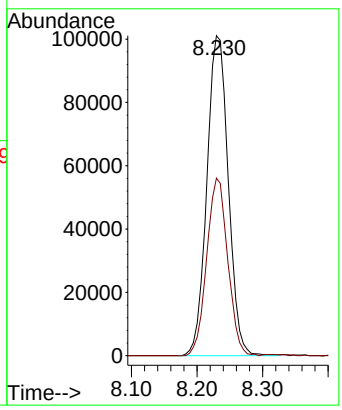


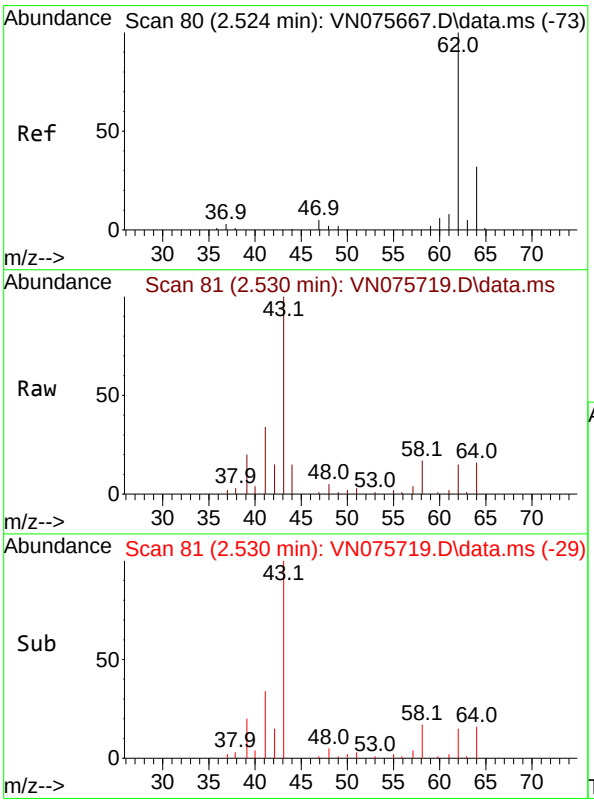
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion:168 Resp: 229498

Ion	Ratio	Lower	Upper
168	100		
99	55.5	41.2	61.8

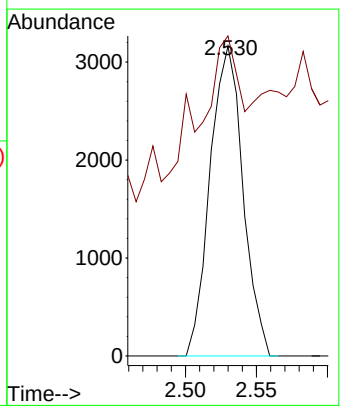


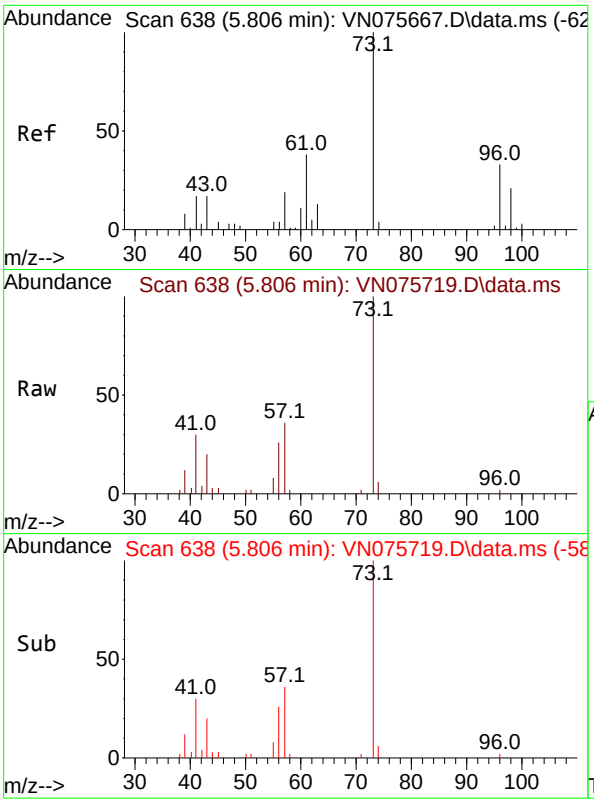


#4
Vinyl Chloride
Concen: 2.061 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion: 62 Resp: 5091

Ion	Ratio	Lower	Upper
62	100		
64	40.5	25.9	38.9#



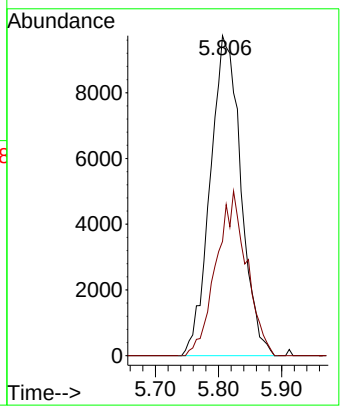


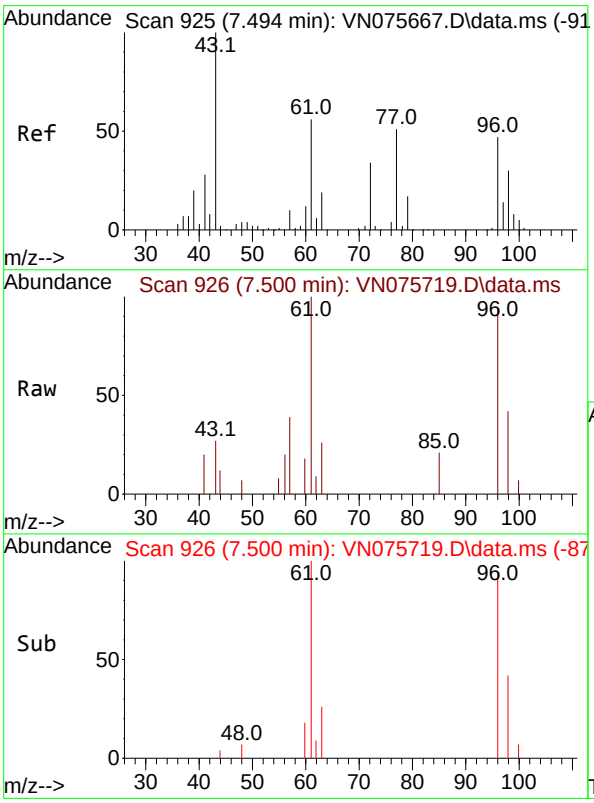
#19
Methyl tert-butyl Ether
Concen: 4.958 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion: 73 Resp: 32788

Ion	Ratio	Lower	Upper
73	100		
57	35.7	15.1	22.7#

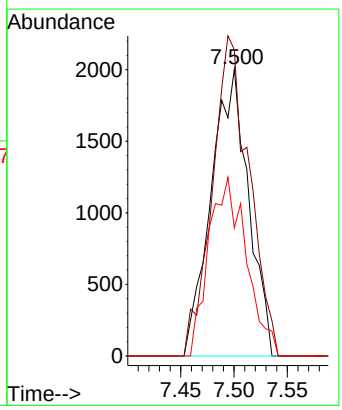


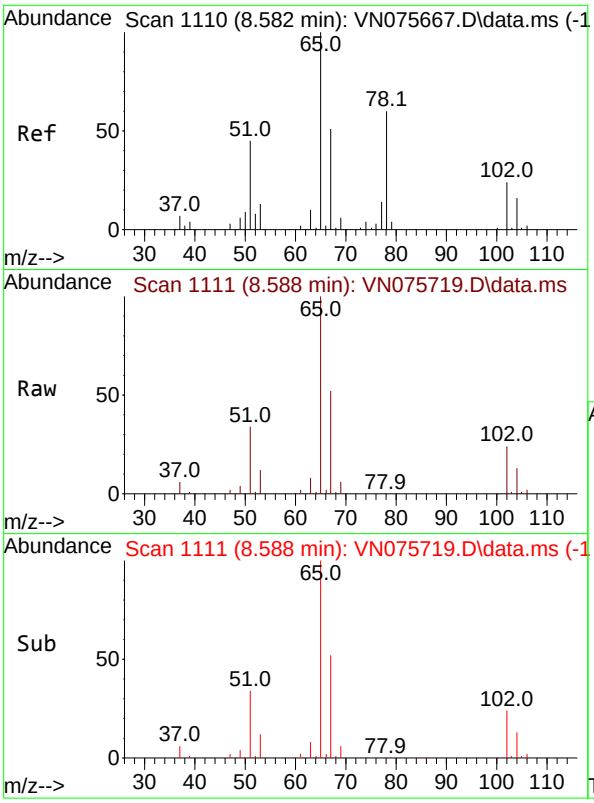


#27
cis-1,2-Dichloroethene
Concen: 1.830 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion: 96 Resp: 4882

Ion	Ratio	Lower	Upper
96	100		
61	110.1	0.0	247.8
98	62.7	0.0	126.0



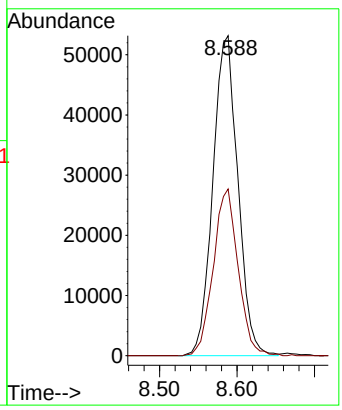


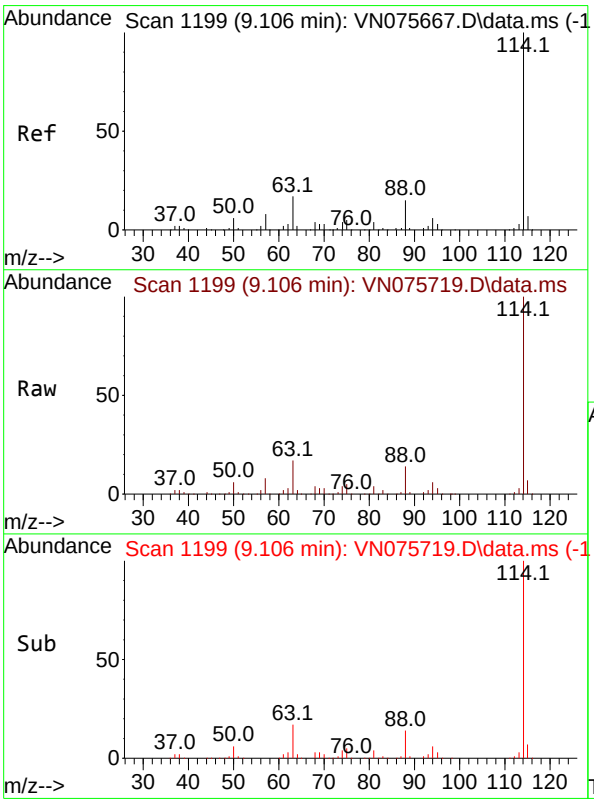
#33
1,2-Dichloroethane-d4
Concen: 48.910 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion: 65 Resp: 119097

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.2

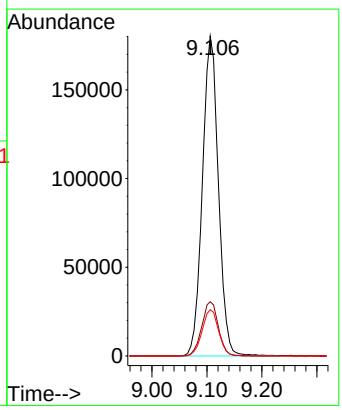


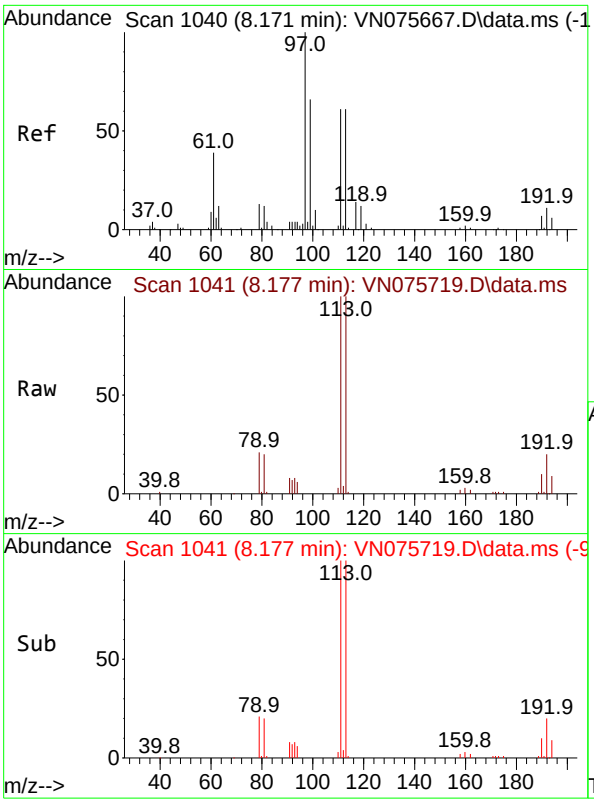


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion:114 Resp: 364489

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.4
88	14.4	0.0	29.2



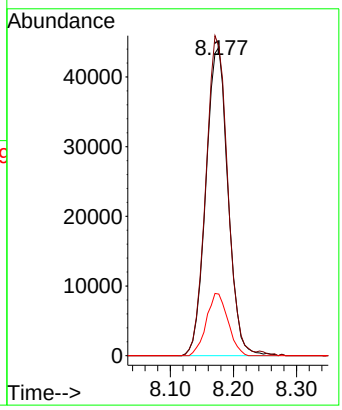


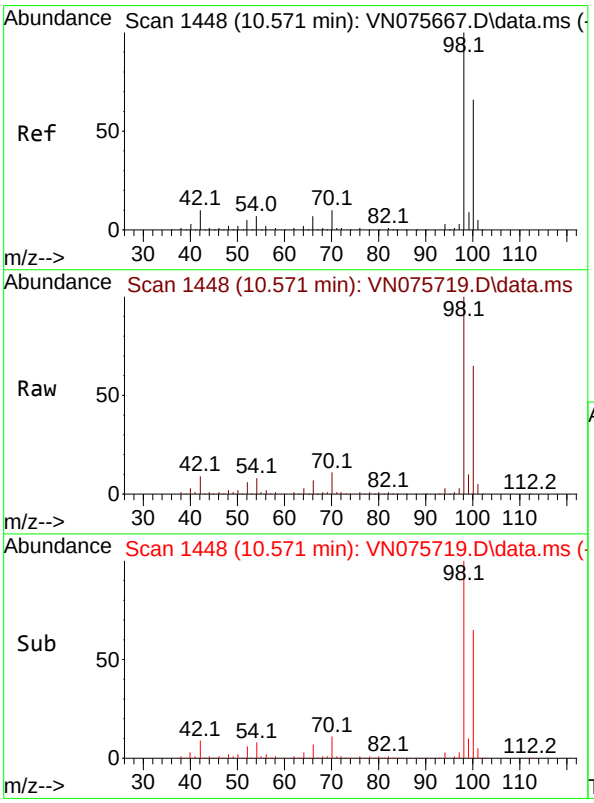
#35
Dibromofluoromethane
Concen: 48.462 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion:113 Resp: 107771

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	19.7	16.2	24.2

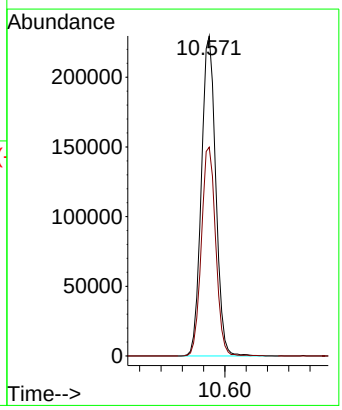


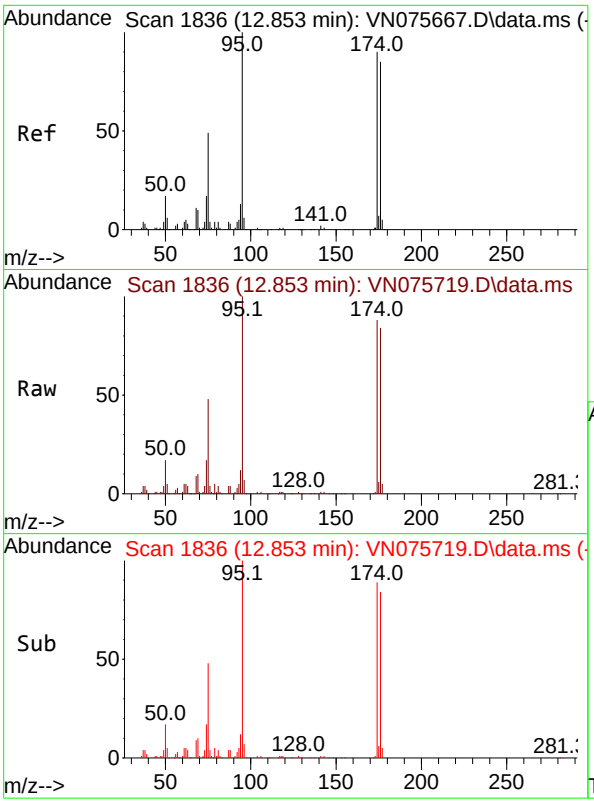


#50
Toluene-d8
Concen: 51.473 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion: 98 Resp: 429867

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8



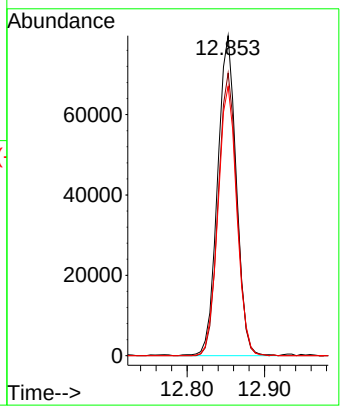


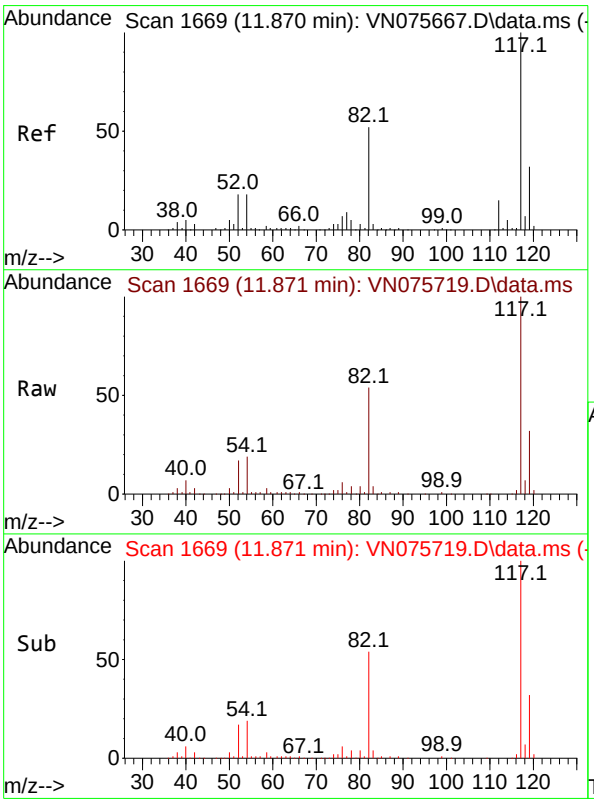
#62
4-Bromofluorobenzene
Concen: 46.873 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion: 95 Resp: 133842

Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	178.6
176	84.3	0.0	170.8

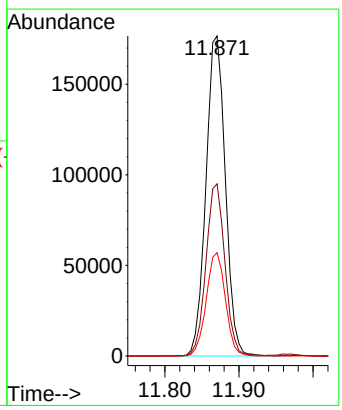


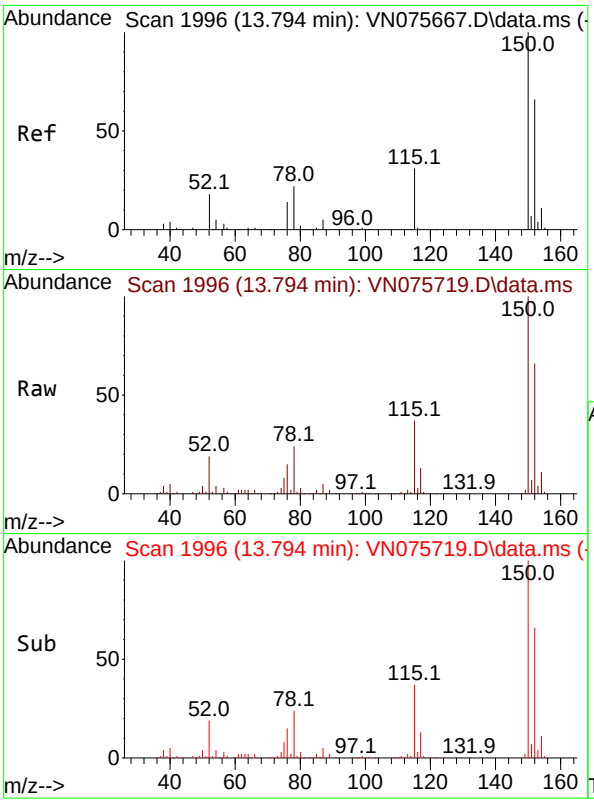


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion:117 Resp: 321184

Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	32.3	25.8	38.6



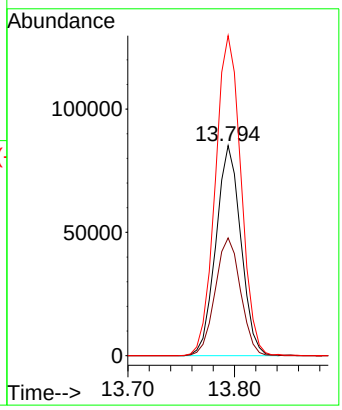


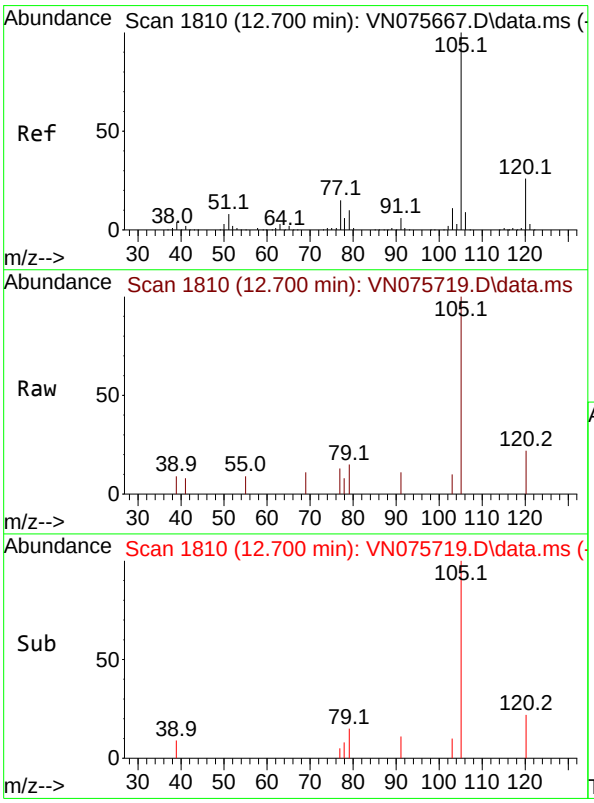
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion:152 Resp: 138596

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	156.8	0.0	347.6

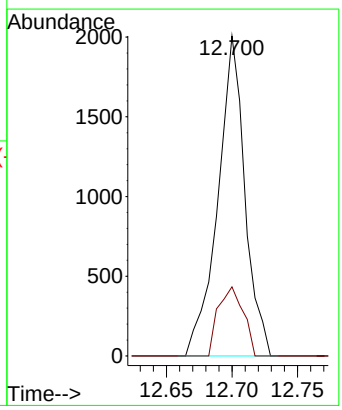


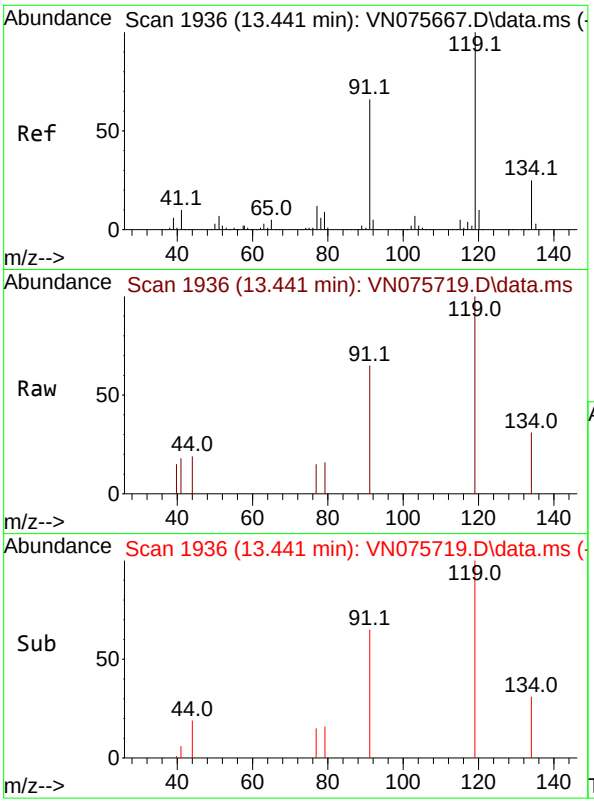


#73
Isopropylbenzene
Concen: 0.289 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Tgt Ion:105 Resp: 2880

Ion	Ratio	Lower	Upper
105	100		
120	20.0	13.4	40.2





#83
tert-Butylbenzene
Concen: 0.263 ug/l
RT: 13.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075719.D
Acq: 12 Dec 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Tgt Ion:119 Resp: 1985

Ion	Ratio	Lower	Upper
119	100		
91	68.0	31.9	95.9
134	21.4	13.9	41.7