Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
Data File : VN071442.D
Acq On : 22 Mar 2022 01:43
Operator : JC\MD
Sample : N2015-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Quant Time: Mar 22 06:29:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	788767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1320854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1261315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	464455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	502407	46.475	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.940%			
35) Dibromofluoromethane	8.022	113	384142	46.088	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.180%			
50) Toluene-d8	10.439	98	1661020	49.495	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.727	95	613938	54.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.363	59	123847	58.318	ug/l	97
18) Methyl Acetate	4.863	43	9303	1.122	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	127726	4.302	ug/l #	48
22) Diisopropyl ether	6.492	45	26789	0.791	ug/l #	79
95) Naphthalene	15.498	128	6981	5.362	ug/l	99

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

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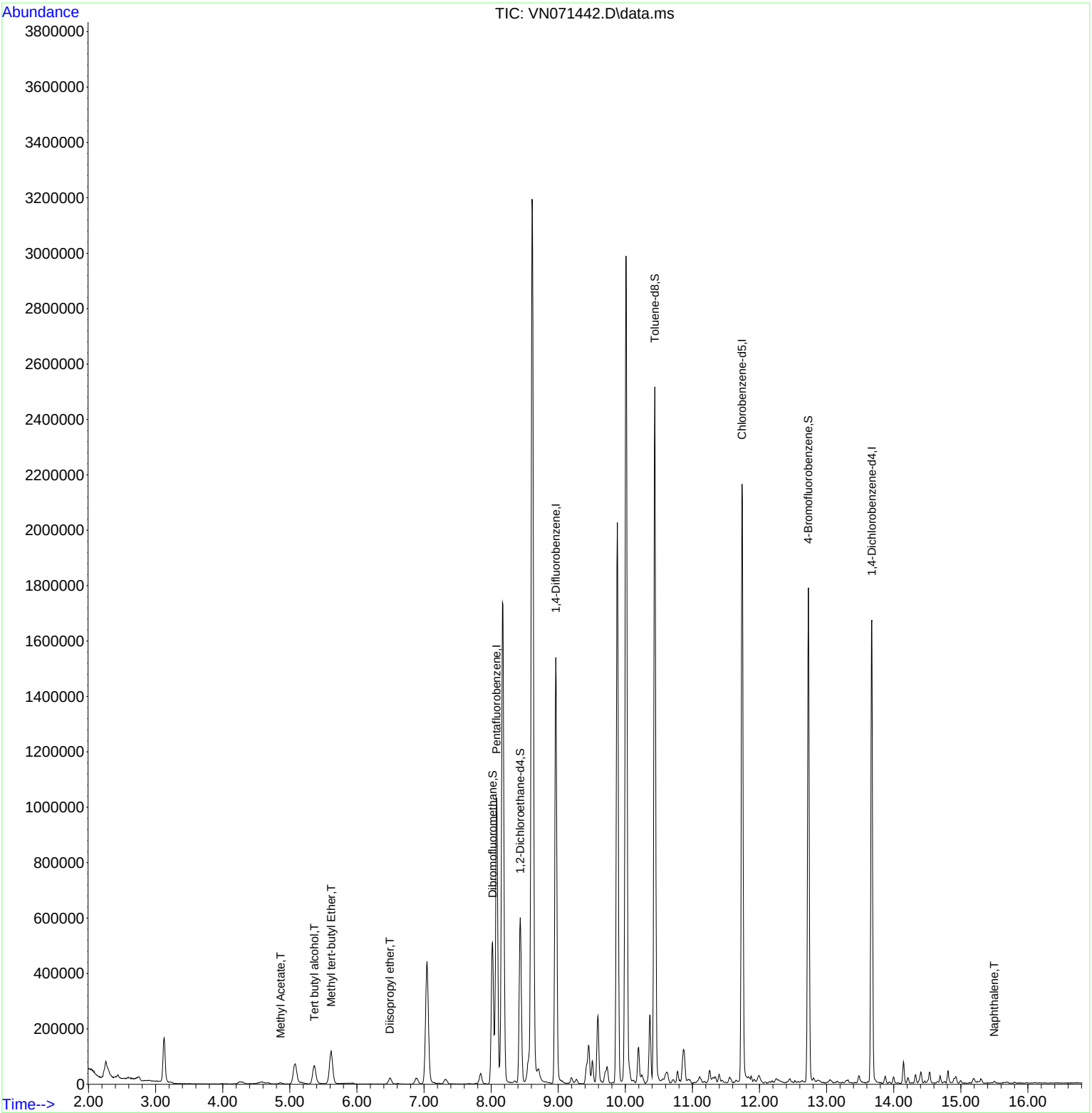
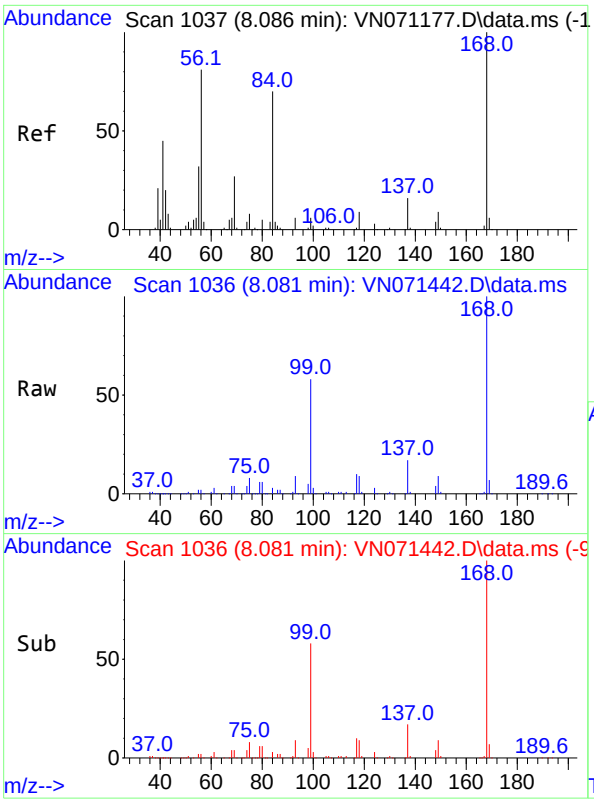


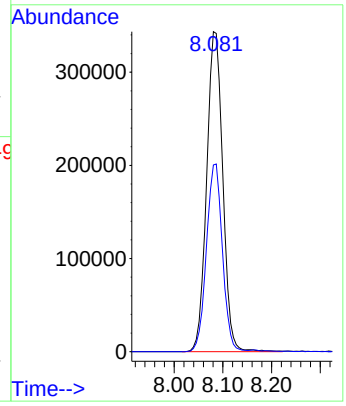


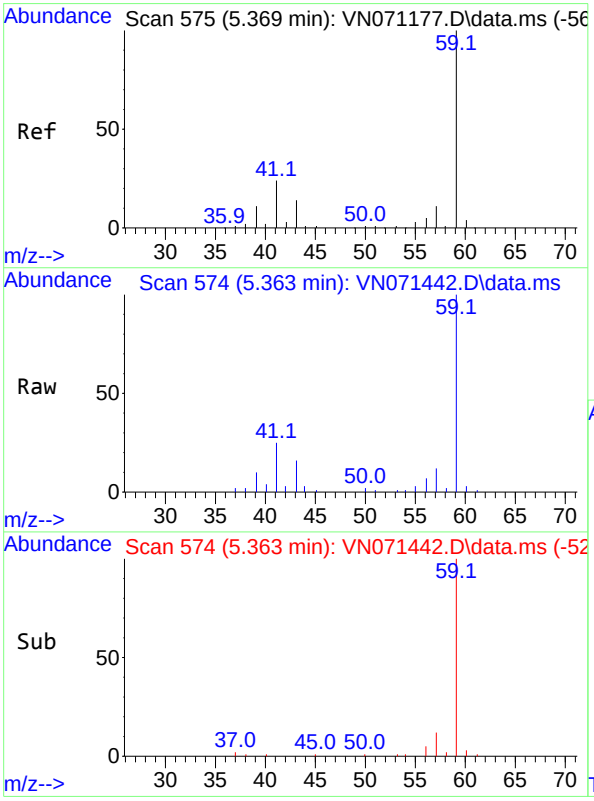
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:168 Resp: 788767

Ion	Ratio	Lower	Upper
168	100		
99	58.4	41.3	61.9

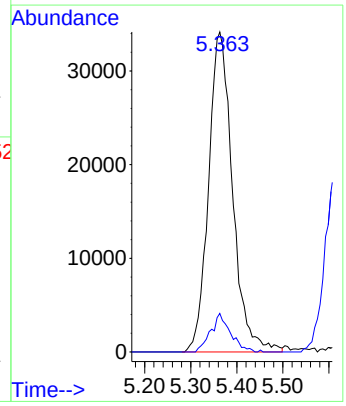


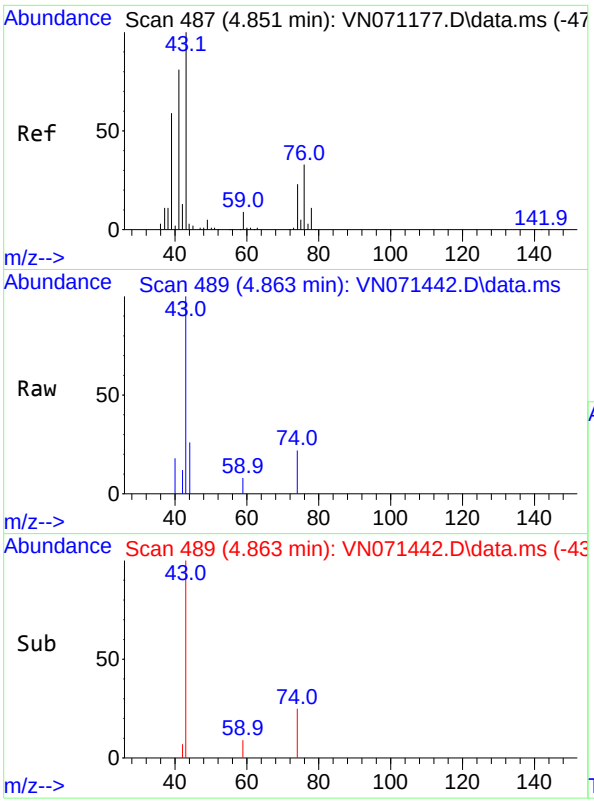


#11
Tert butyl alcohol
Concen: 58.318 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 59 Resp: 123847

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.7	13.1



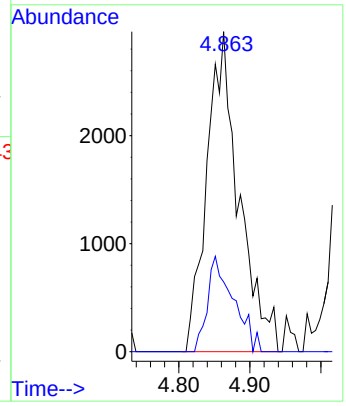


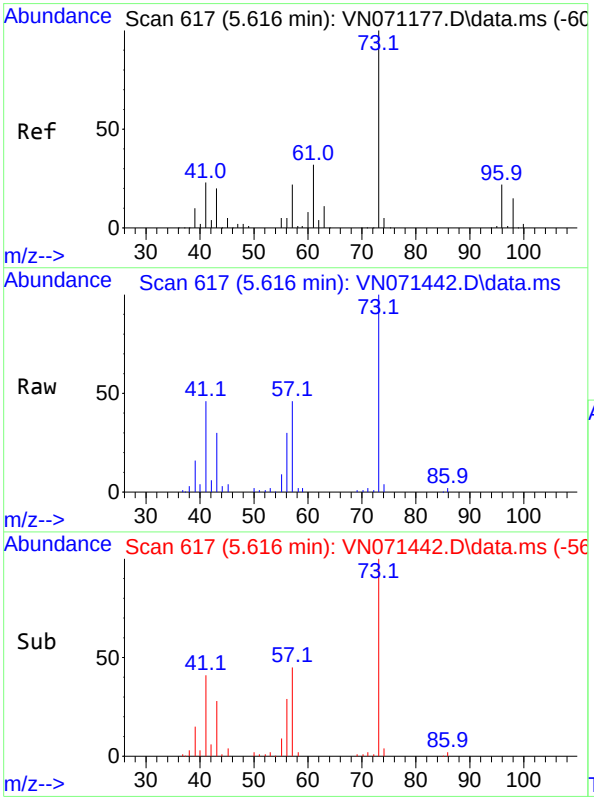
#18
Methyl Acetate
Concen: 1.122 ug/l
RT: 4.863 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion: 43 Resp: 9303

Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.2

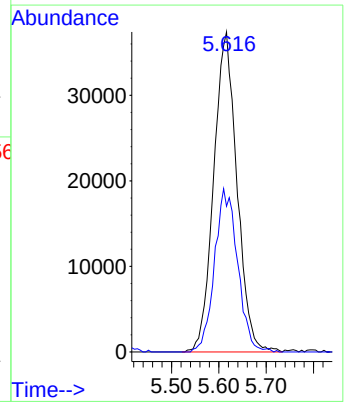


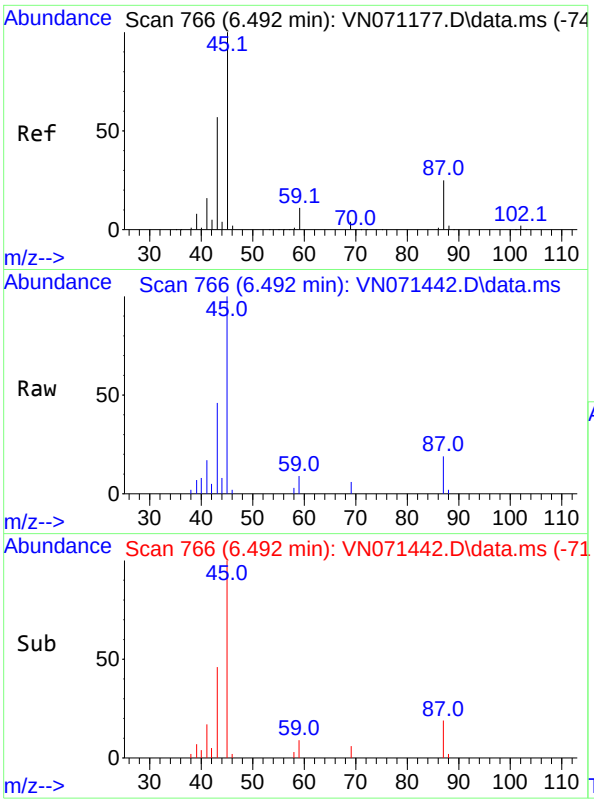


#19
Methyl tert-butyl Ether
Concen: 4.302 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 73 Resp: 127726

Ion	Ratio	Lower	Upper
73	100		
57	45.6	16.8	25.2#



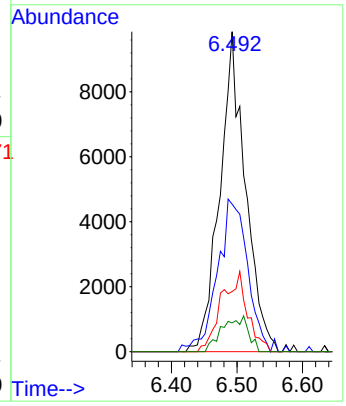


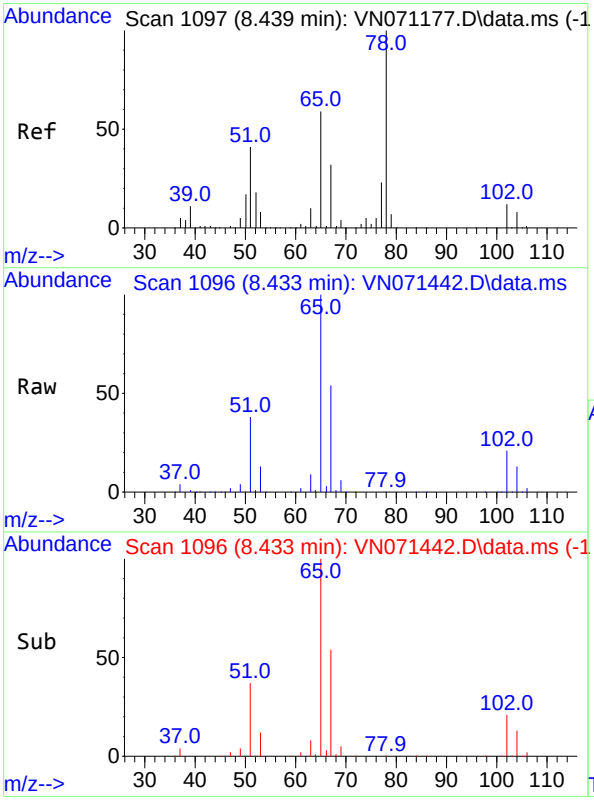
#22
Diisopropyl ether
Concen: 0.791 ug/l
RT: 6.492 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion: 45 Resp: 26789

Ion	Ratio	Lower	Upper
45	100		
43	46.1	51.7	77.5#
87	18.8	23.2	34.8#
59	9.0	9.4	14.0#

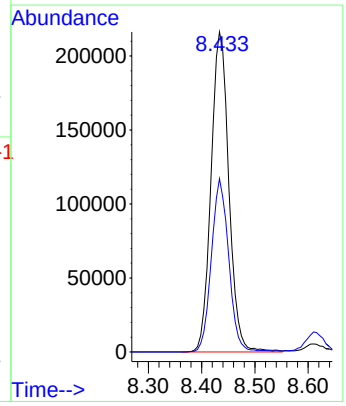


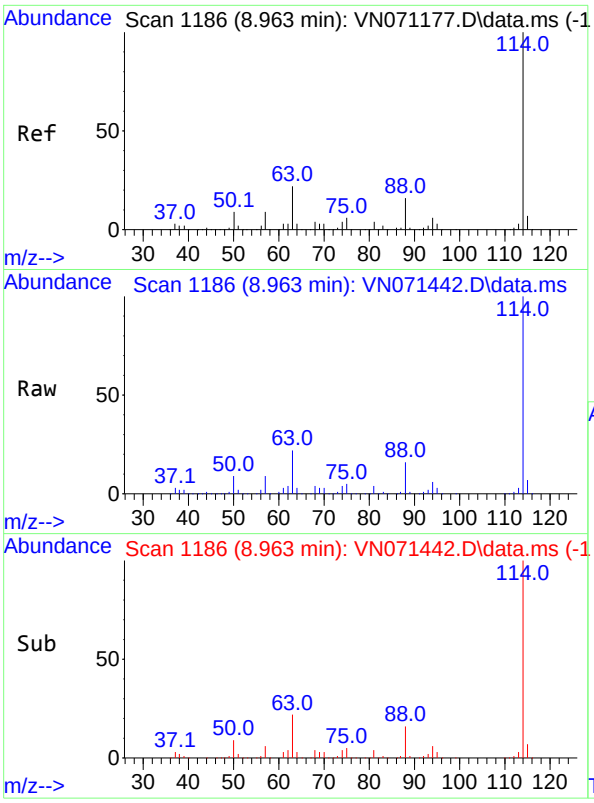


#33
1,2-Dichloroethane-d4
Concen: 46.475 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 65 Resp: 502407

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0



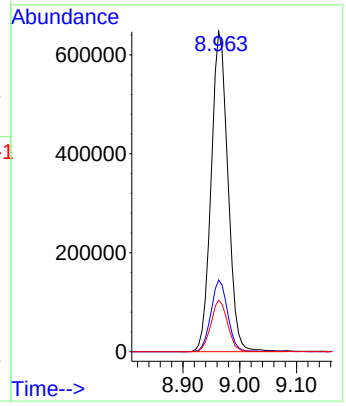


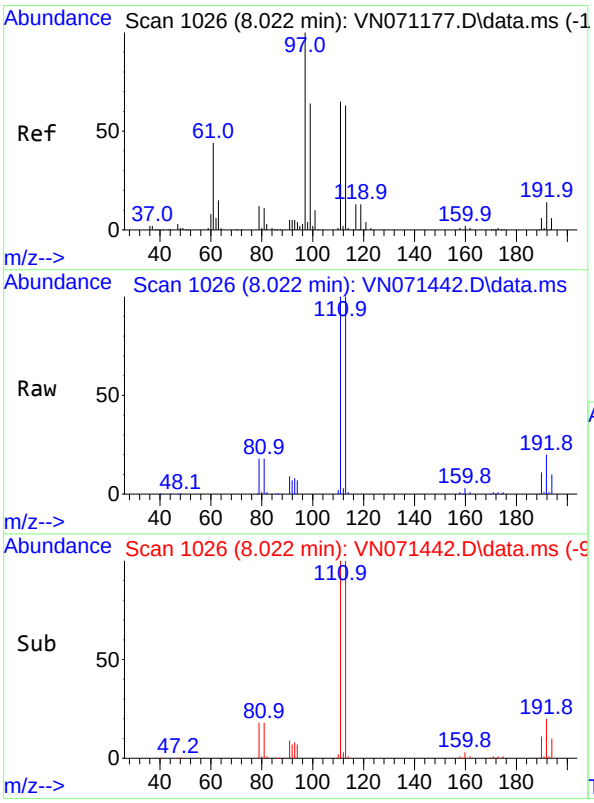
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:114 Resp: 1320854

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	37.8
88	16.1	0.0	27.4

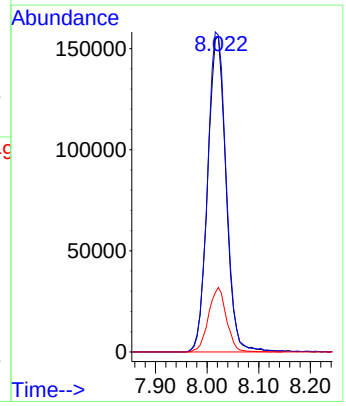


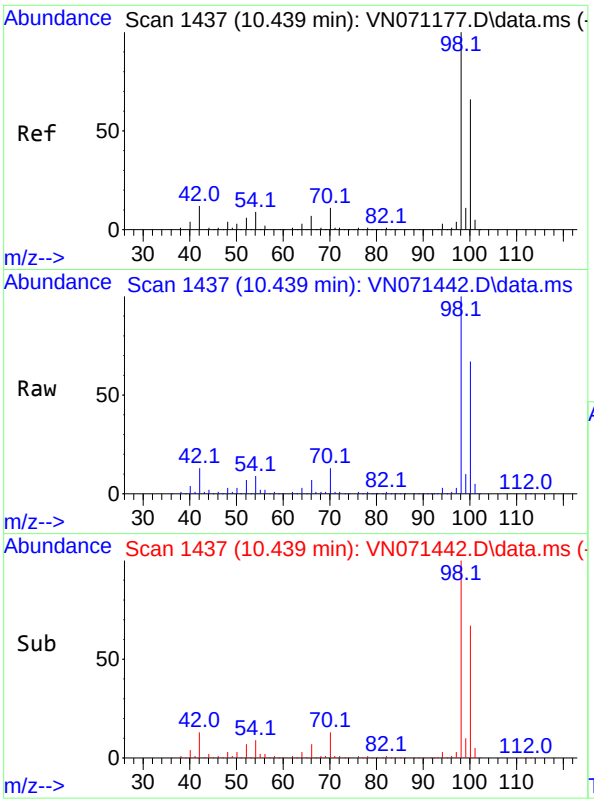


#35
Dibromofluoromethane
Concen: 46.088 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion:113 Resp: 384142

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	20.0	16.9	25.3



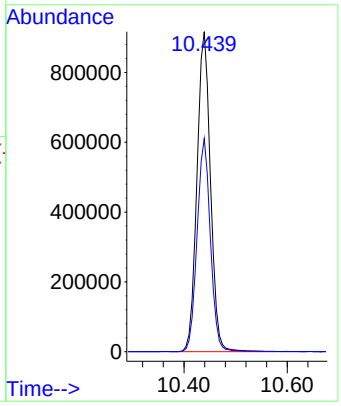


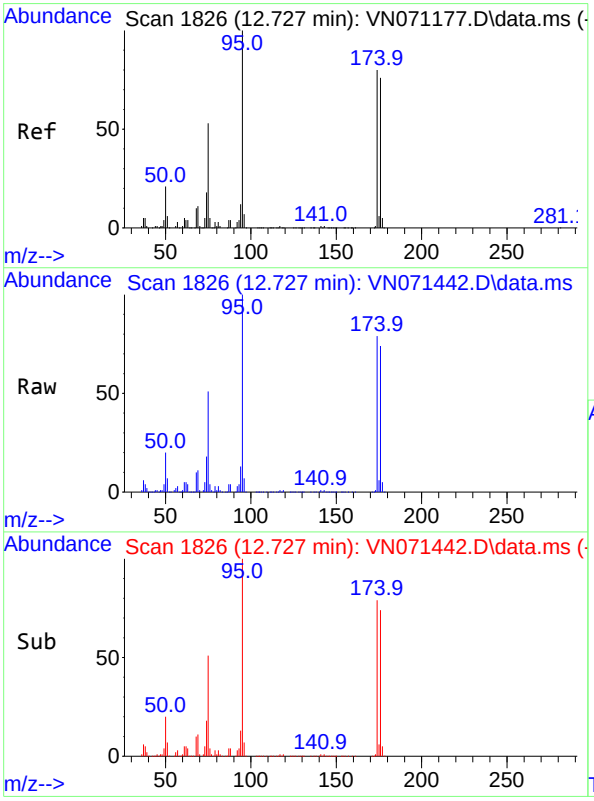
#50
Toluene-d8
Concen: 49.495 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion: 98 Resp: 1661020

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.4	75.6

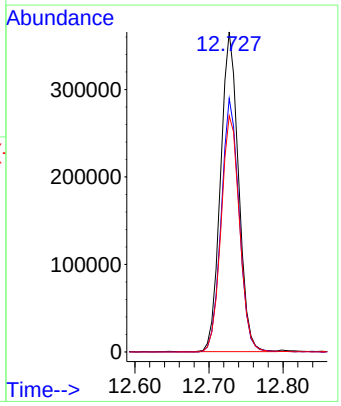


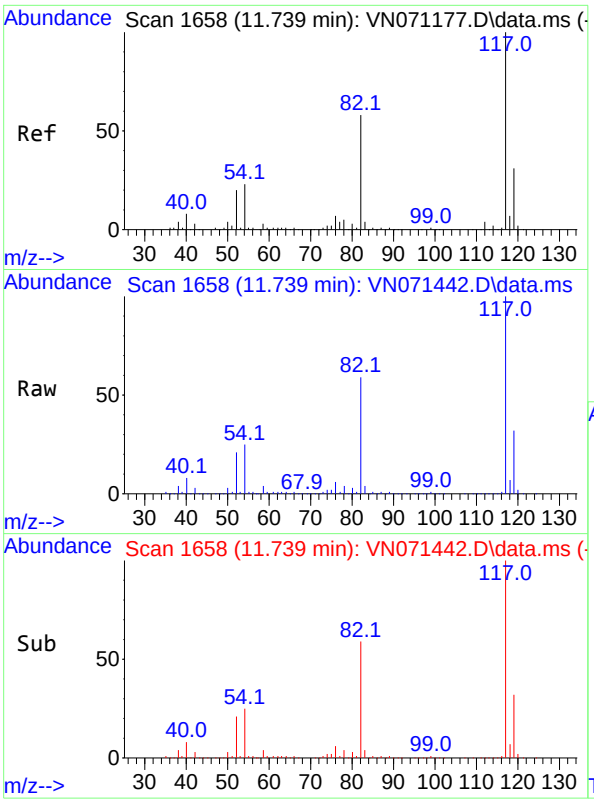


#62
4-Bromofluorobenzene
Concen: 54.025 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion: 95 Resp: 613938

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	187.2
176	75.9	0.0	181.4



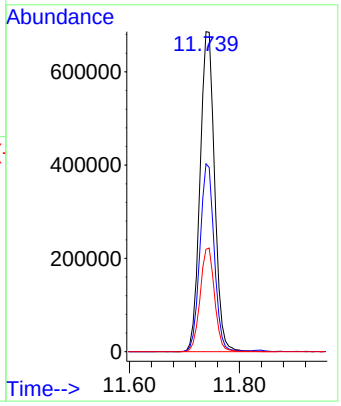


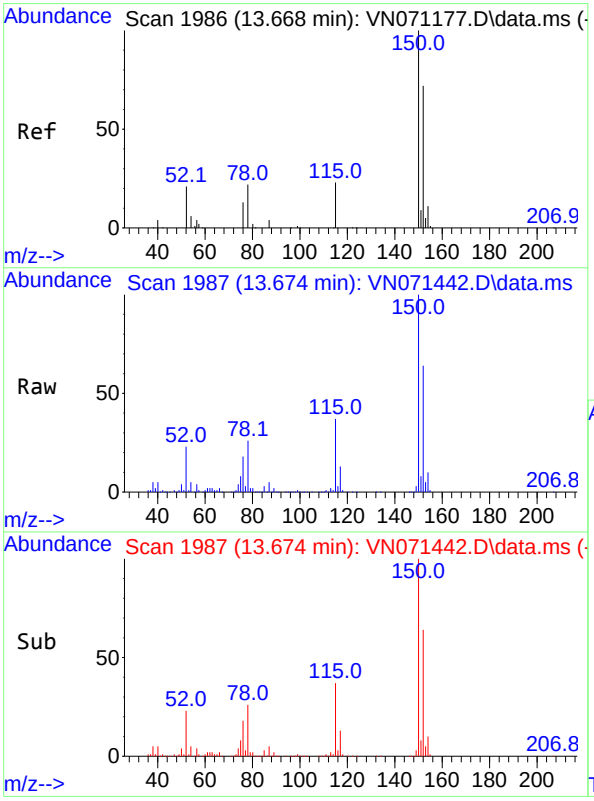
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:117 Resp: 1261315

Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	32.0	25.4	38.2

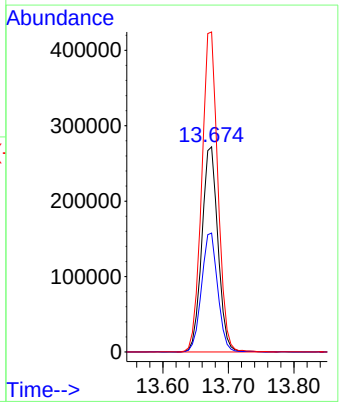


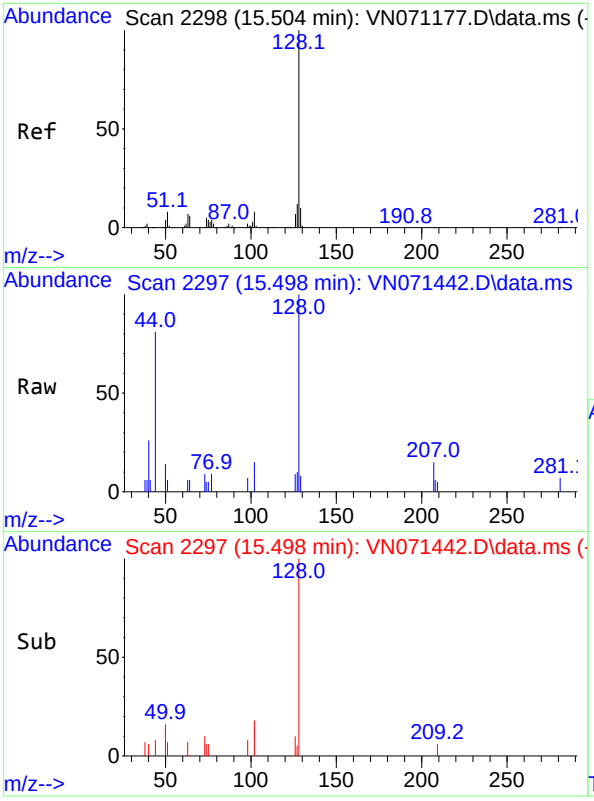


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Tgt Ion:152 Resp: 464455

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.5	82.5
150	156.6	0.0	344.4





#95
Naphthalene
Concen: 5.362 ug/l
RT: 15.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN071442.D
Acq: 22 Mar 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:128 Resp: 6981

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.2	8.7	13.1