Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
Data File : VN072967.D
Acq On : 20 Jun 2022 17:30
Operator : JC\MD
Sample : N3370-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Quant Time: Jun 21 05:56:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	339442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.899	114	544429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	497045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	203477	44.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.680%			
35) Dibromofluoromethane	7.952	113	171872	51.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.375	98	559487	44.682	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.360%			
62) 4-Bromofluorobenzene	12.669	95	252402	56.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.552	73	4739	0.388	ug/l	99
67) Ethyl Benzene	11.781	91	4772	0.279	ug/l	91
68) m/p-Xylenes	11.881	106	2277	0.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.298	105	5977	0.374	ug/l	100
95) Naphthalene	15.433	128	14000	0.717	ug/l	96

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

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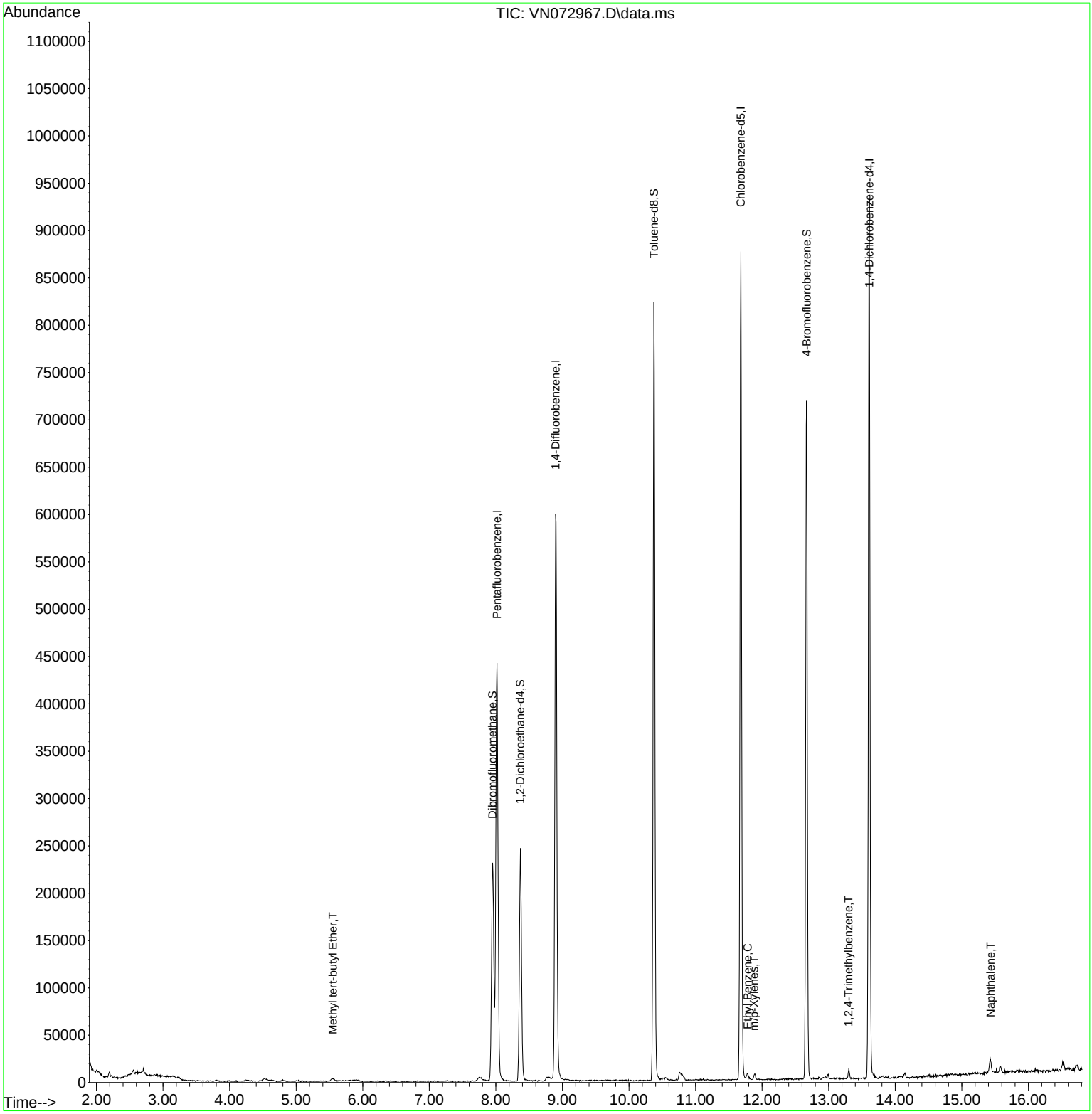
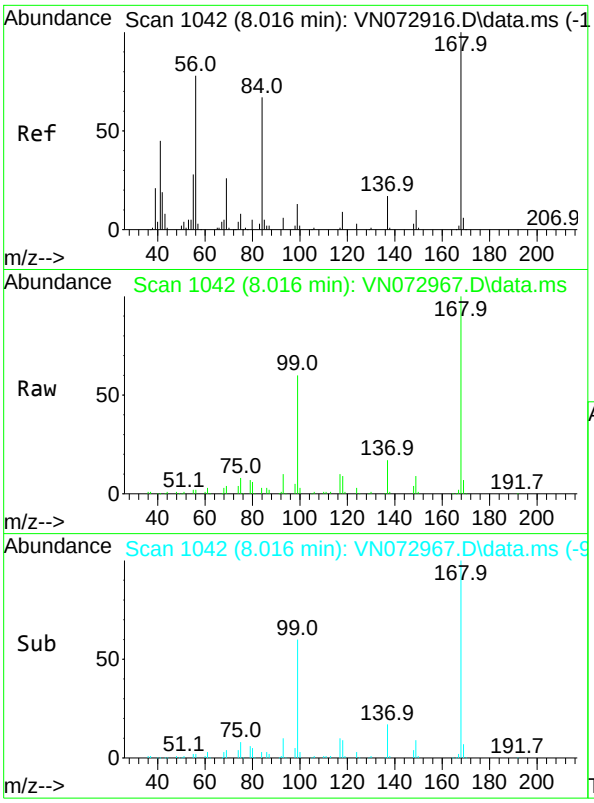


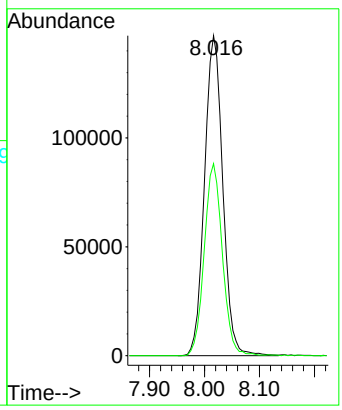


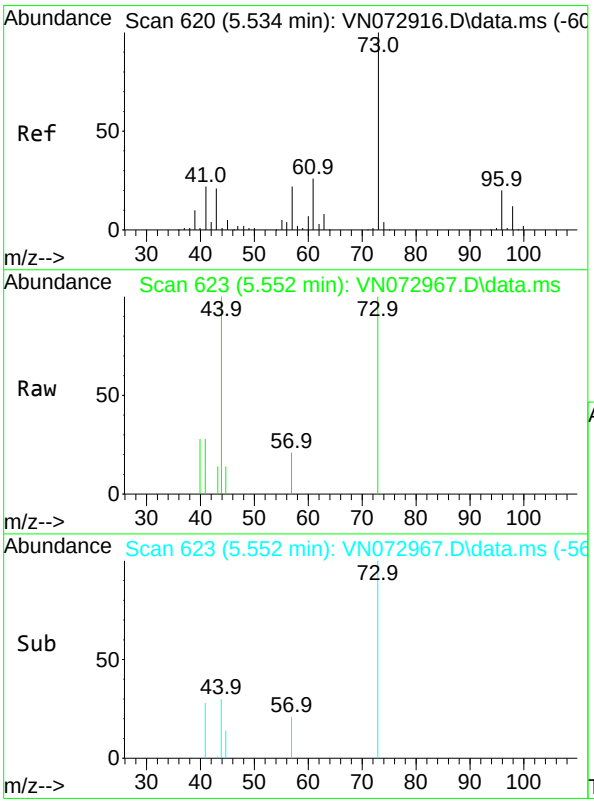
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion:168 Resp: 339442

Ion	Ratio	Lower	Upper
168	100		
99	60.0	42.3	63.5

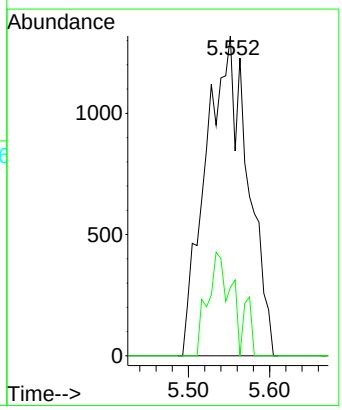


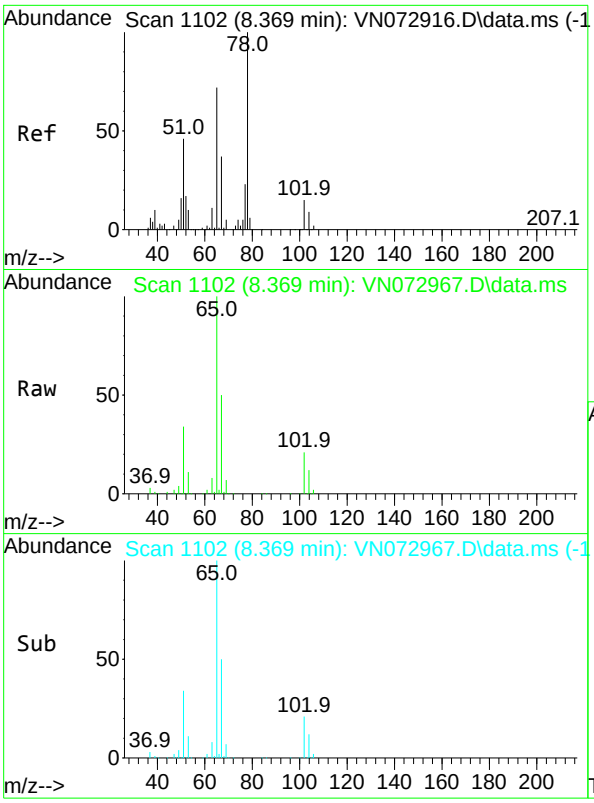


#19
Methyl tert-butyl Ether
Concen: 0.388 ug/l
RT: 5.552 min Scan# 623
Delta R.T. 0.018 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion: 73 Resp: 4739

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.6	26.4



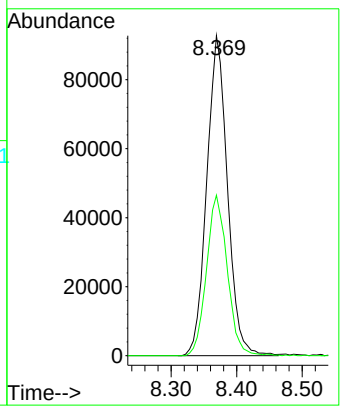


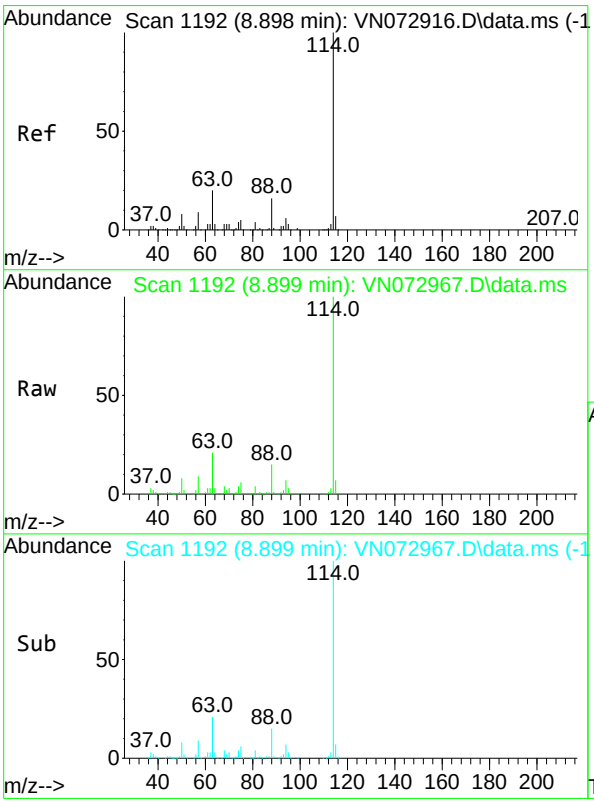
#33
1,2-Dichloroethane-d4
Concen: 44.339 ug/l
RT: 8.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion: 65 Resp: 203477

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.8

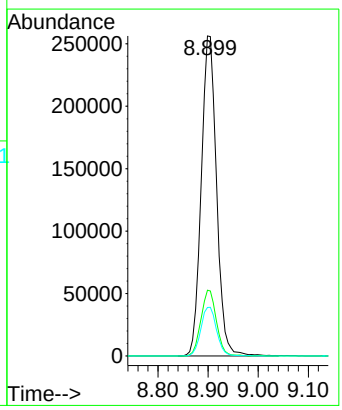


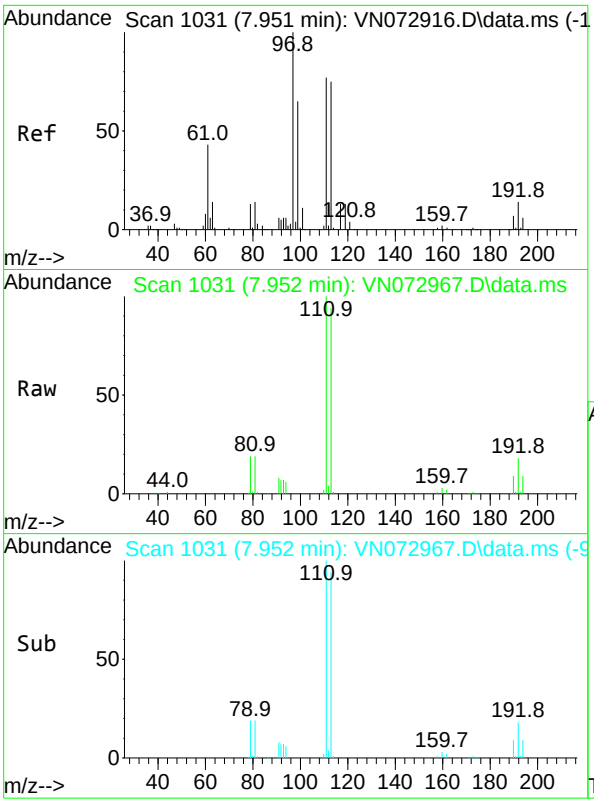


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.899 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion:114 Resp: 544429

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.0
88	15.2	0.0	32.6



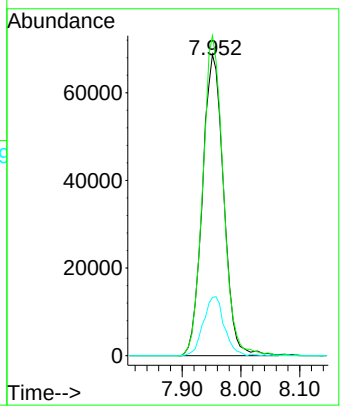


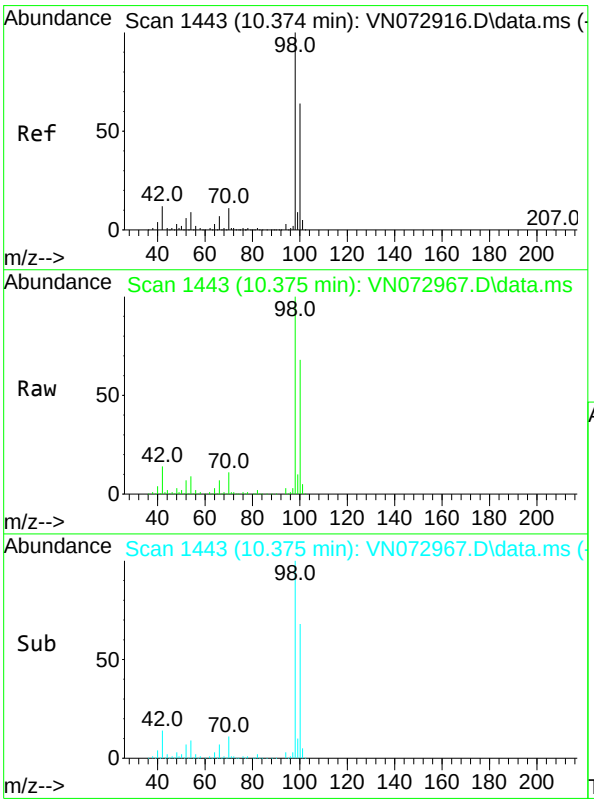
#35
Dibromofluoromethane
Concen: 51.075 ug/l
RT: 7.952 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion:113 Resp: 171872

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	19.3	17.0	25.6

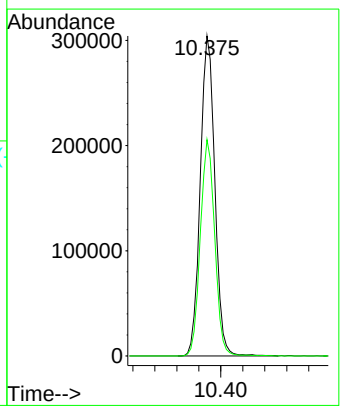


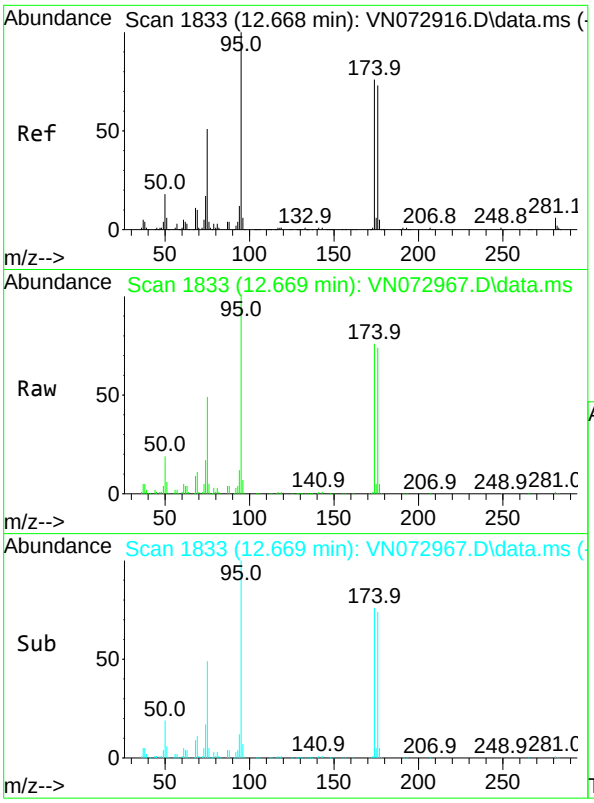


#50
Toluene-d8
Concen: 44.682 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion: 98 Resp: 559487

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.6	78.8



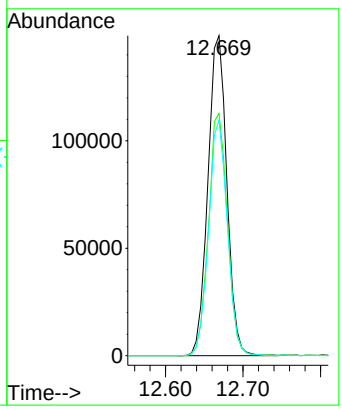


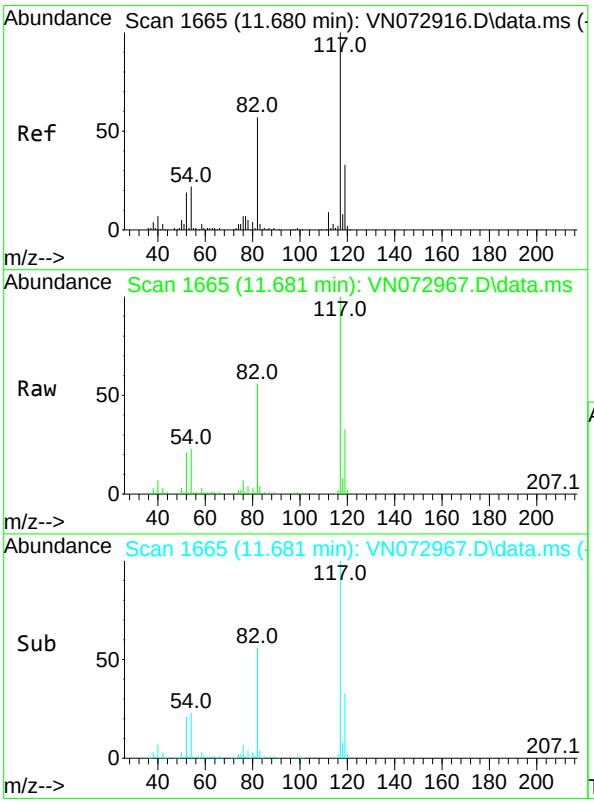
#62
4-Bromofluorobenzene
Concen: 56.058 ug/l
RT: 12.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion: 95 Resp: 252402

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	167.6
176	72.9	0.0	163.4

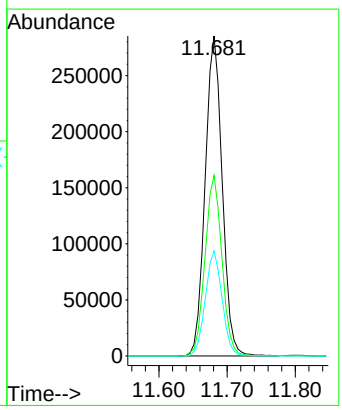


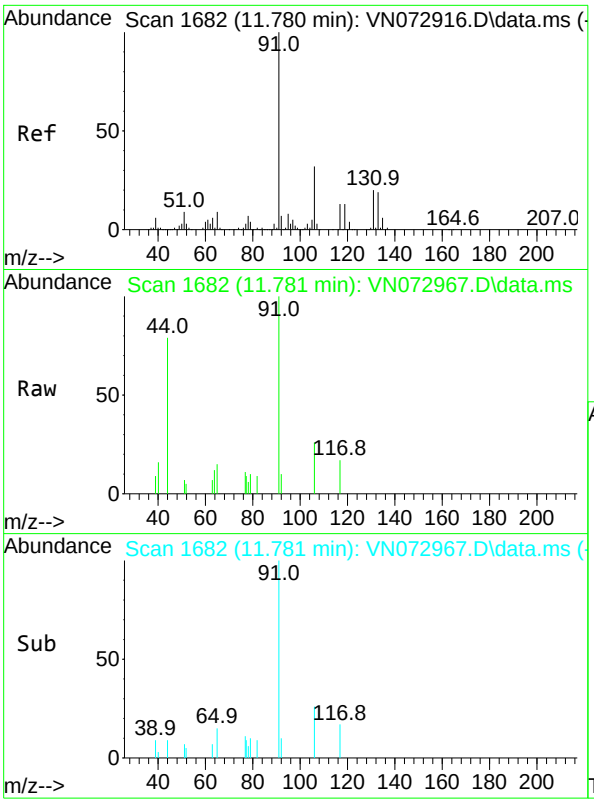


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion:117 Resp: 497045

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.2
119	32.8	25.4	38.0



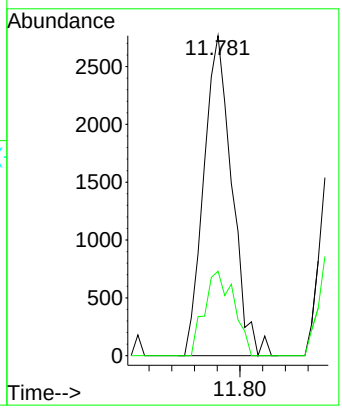


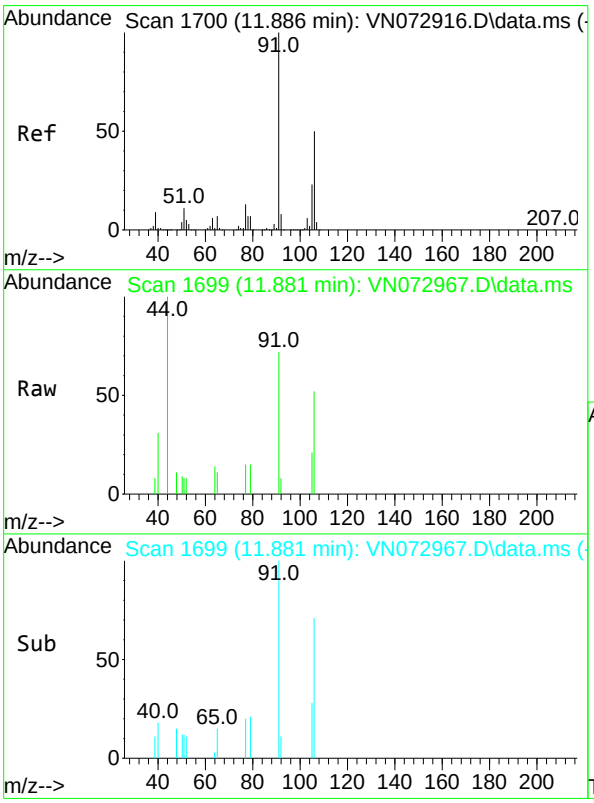
#67
Ethyl Benzene
Concen: 0.279 ug/l
RT: 11.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion: 91 Resp: 4772

Ion	Ratio	Lower	Upper
91	100		
106	26.4	24.9	37.3

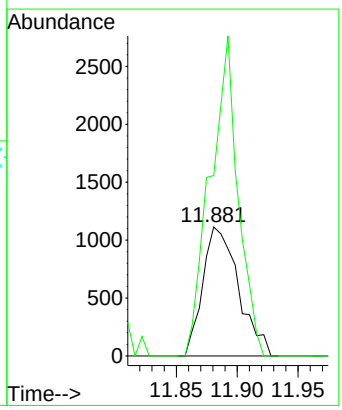


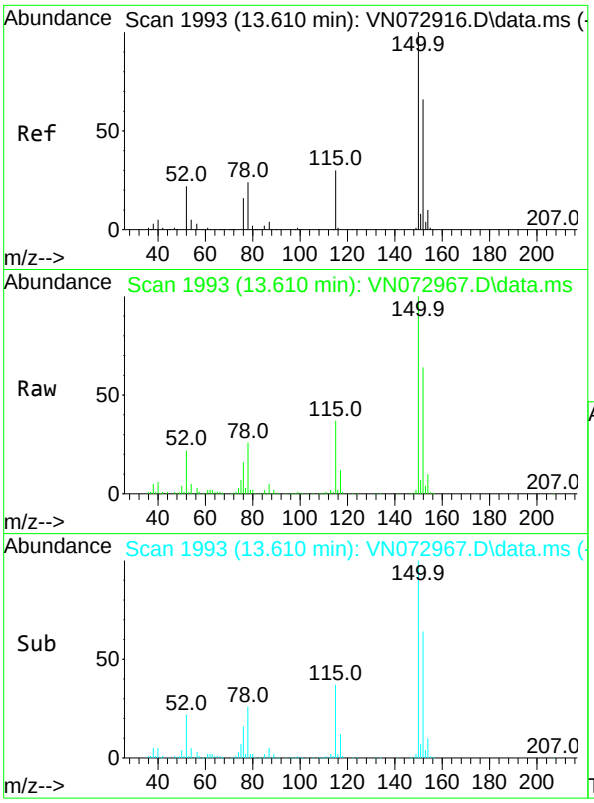


#68
m/p-Xylenes
Concen: 0.340 ug/l
RT: 11.881 min Scan# 1699
Delta R.T. -0.005 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion:106 Resp: 2277

Ion	Ratio	Lower	Upper
106	100		
91	194.4	158.9	238.3



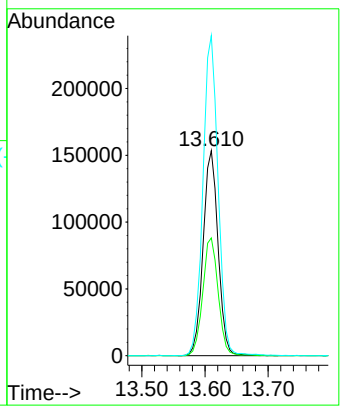


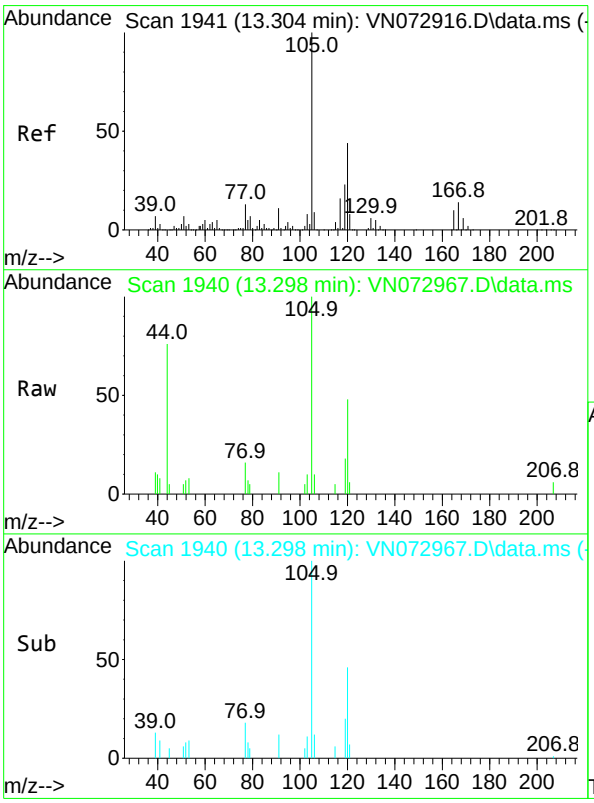
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion:152 Resp: 252691

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	158.1	0.0	356.2

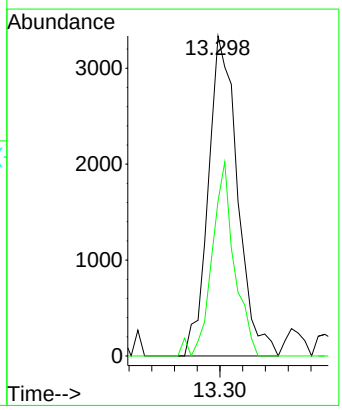


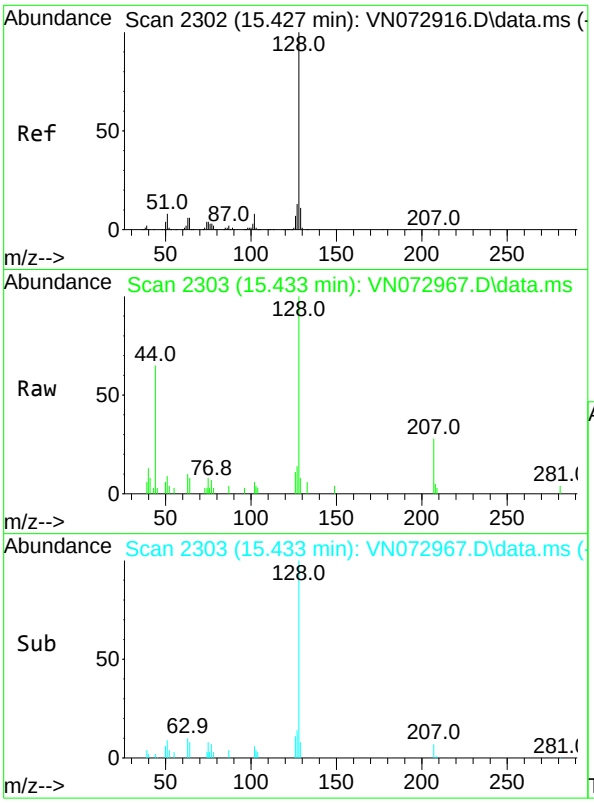


#84
1,2,4-Trimethylbenzene
Concen: 0.374 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.005 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Tgt Ion:105 Resp: 5977

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.8





#95
Naphthalene
Concen: 0.717 ug/l
RT: 15.433 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN072967.D
Acq: 20 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion:128 Resp: 14000

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	12.0	8.6	13.0