Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
Data File : VN072452.D
Acq On : 12 May 2022 14:55
Operator : JC\MD
Sample : N2800-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Time: May 13 02:44:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	191795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	304611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	261583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	95415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	176477	60.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 120.140%			
35) Dibromofluoromethane	8.022	113	120470	59.445	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 118.900%			
50) Toluene-d8	10.439	98	417033	54.032	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.727	95	127003	49.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.100%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.451	83	2914	0.891	ug/l #	61
67) Ethyl Benzene	11.845	91	7479	0.811	ug/l #	88
78) n-propylbenzene	12.915	91	4076	0.482	ug/l	99
80) 1,3,5-Trimethylbenzene	13.062	105	6733	1.040	ug/l	98
84) 1,2,4-Trimethylbenzene	13.368	105	3994	0.634	ug/l	78

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

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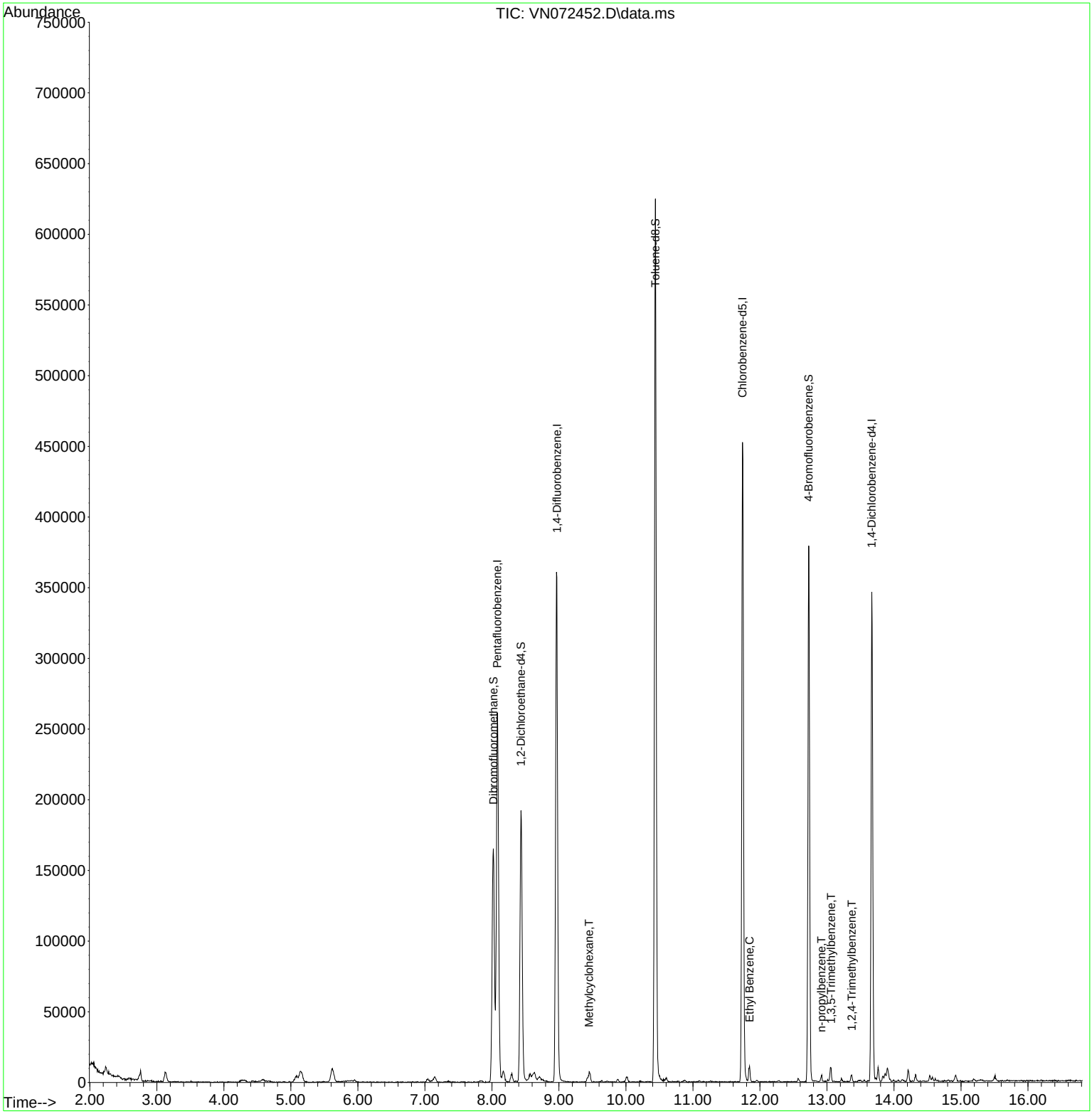
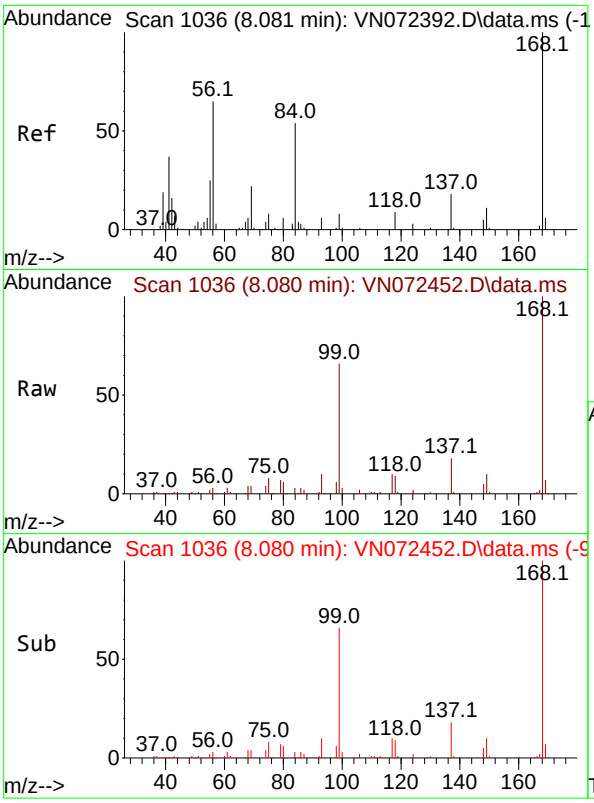


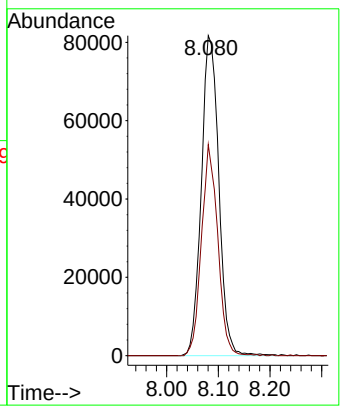


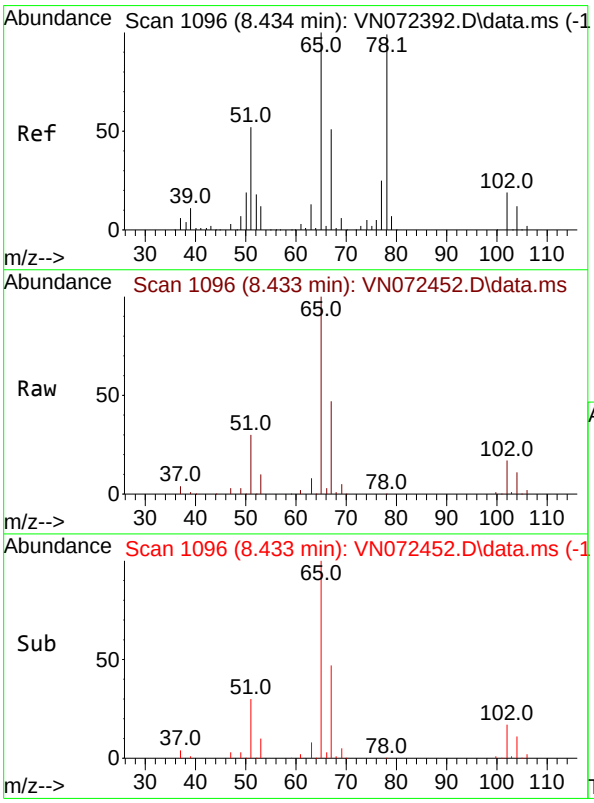
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:168 Resp: 191795

Ion	Ratio	Lower	Upper
168	100		
99	66.0	42.3	63.5#

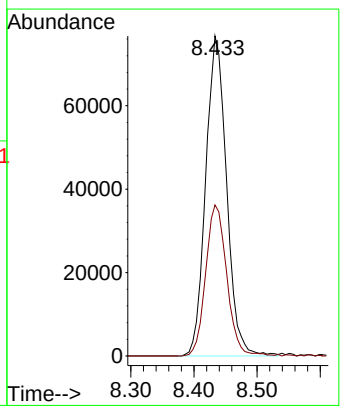


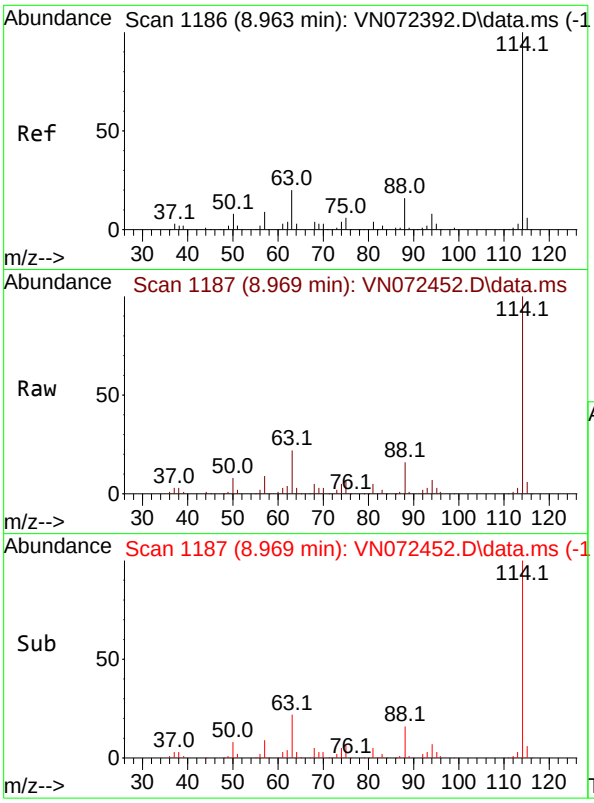


#33
1,2-Dichloroethane-d4
Concen: 60.074 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion: 65 Resp: 176477

Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	104.8



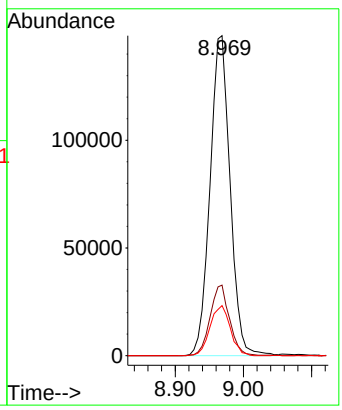


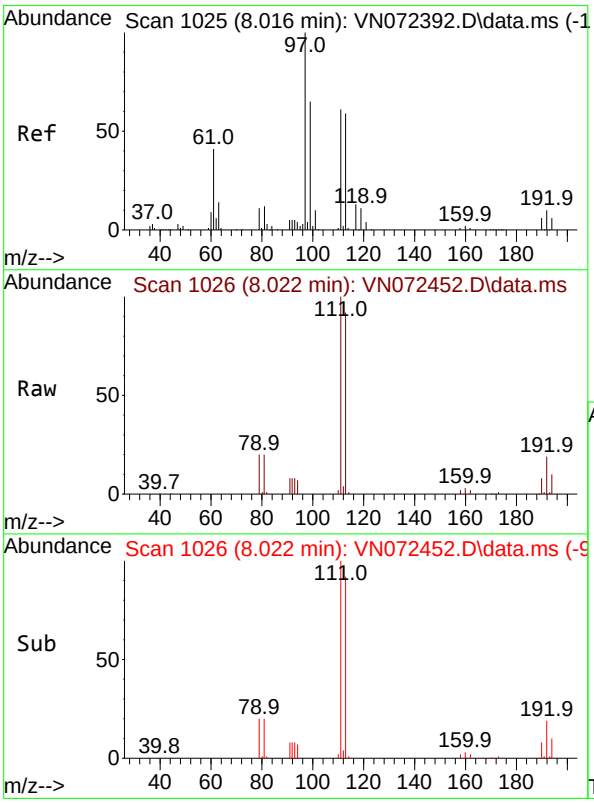
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:114 Resp: 304611

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	40.0
88	15.6	0.0	32.6

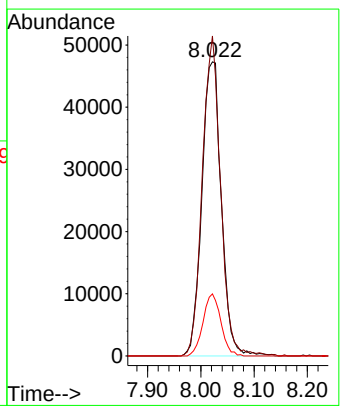


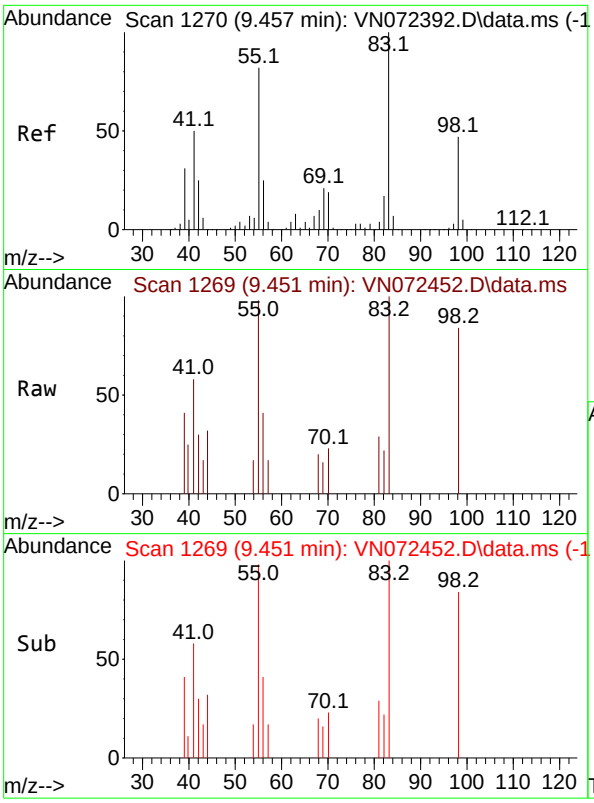


#35
Dibromofluoromethane
Concen: 59.445 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion:113 Resp: 120470

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	19.3	17.0	25.6



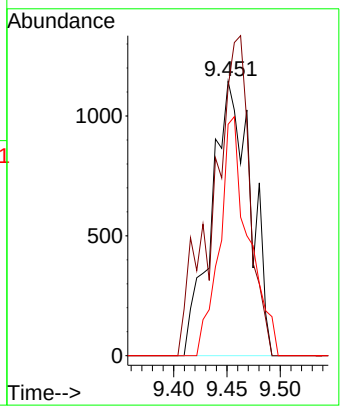


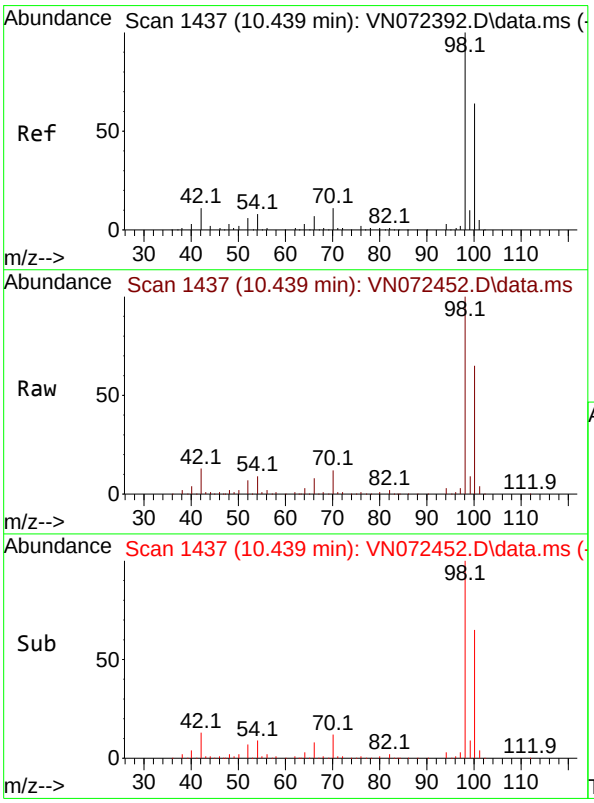
#39
Methylcyclohexane
Concen: 0.891 ug/l
RT: 9.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 83 Resp: 2914

Ion	Ratio	Lower	Upper
83	100		
55	97.9	57.8	86.8#
98	84.3	39.4	59.2#

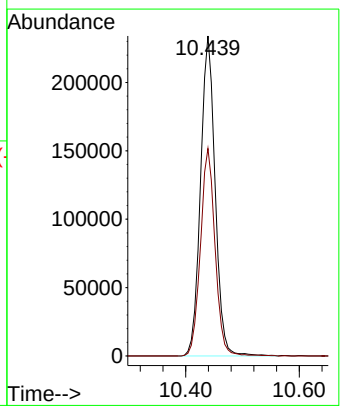


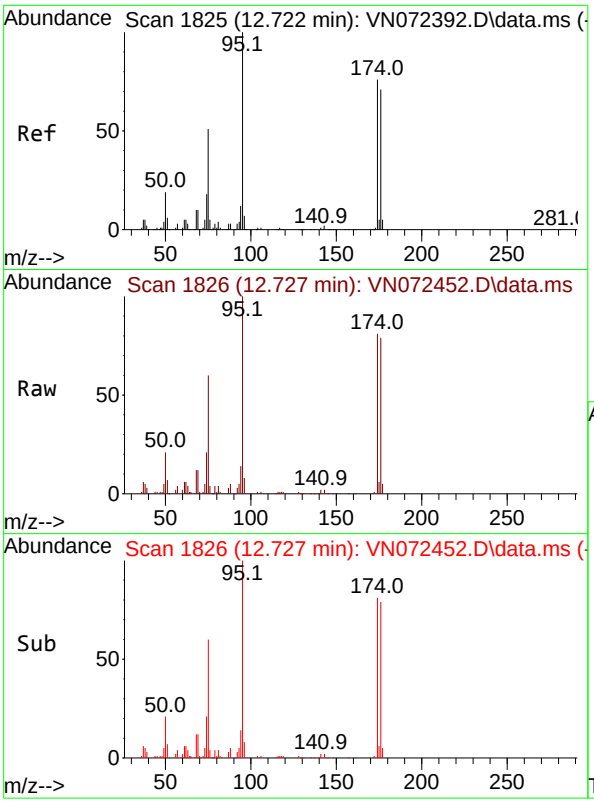


#50
Toluene-d8
Concen: 54.032 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion: 98 Resp: 417033

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8



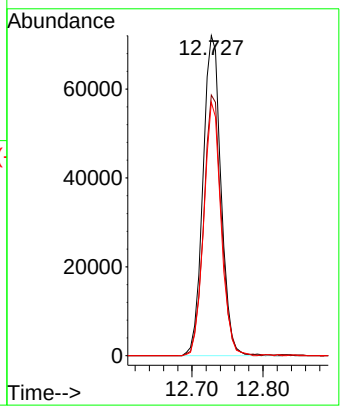


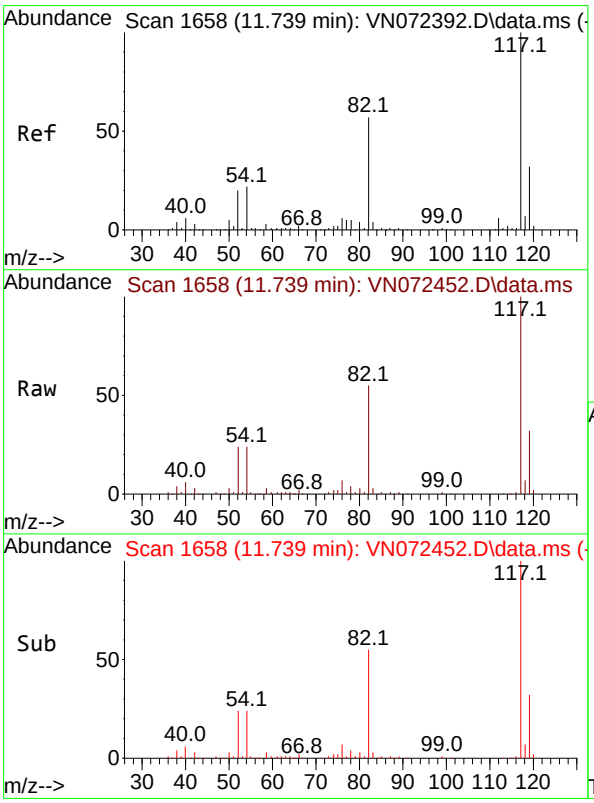
#62
4-Bromofluorobenzene
Concen: 49.548 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 95 Resp: 127003

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	167.6
176	76.1	0.0	163.4

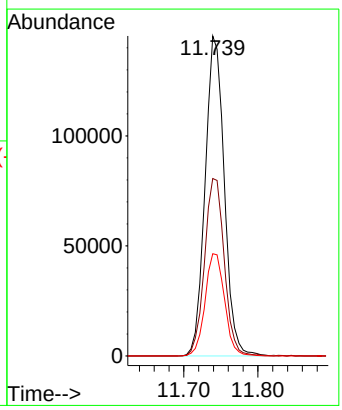


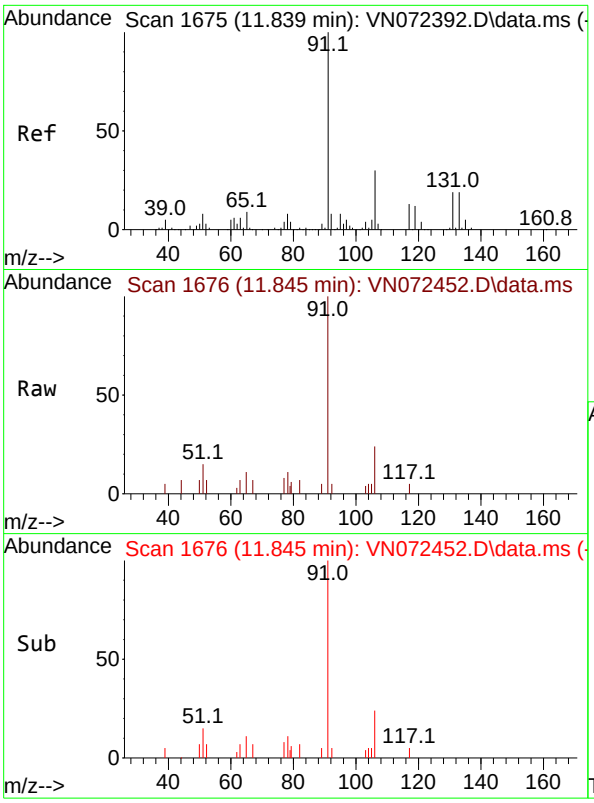


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion:117 Resp: 261583

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.2
119	32.0	25.4	38.0



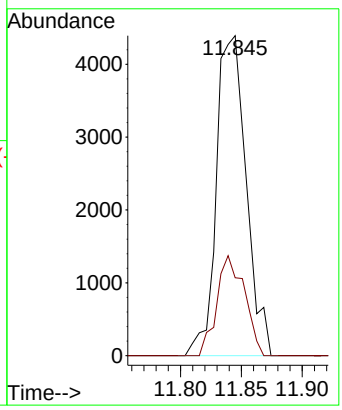


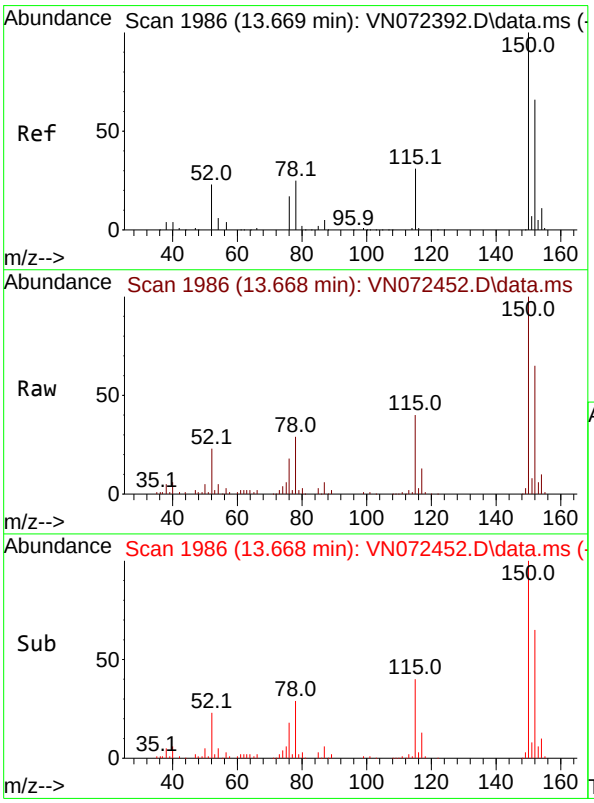
#67
Ethyl Benzene
Concen: 0.811 ug/l
RT: 11.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 91 Resp: 7479

Ion	Ratio	Lower	Upper
91	100		
106	24.3	24.9	37.3#

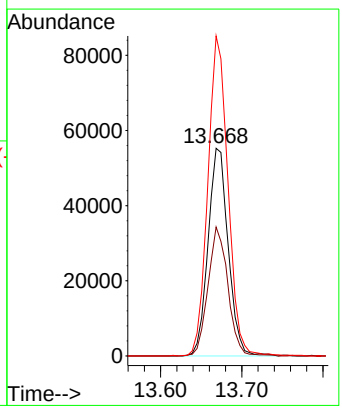


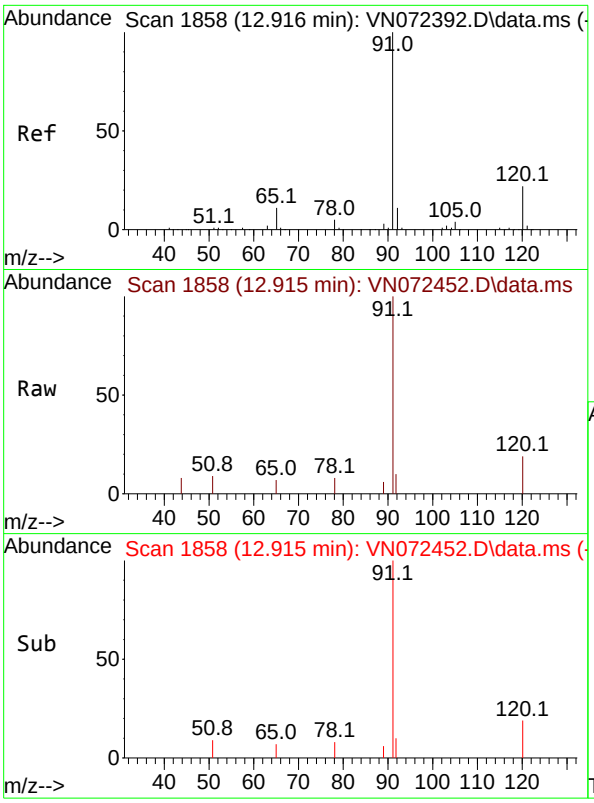


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion:152 Resp: 95415

Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.9	86.7
150	153.7	0.0	356.2



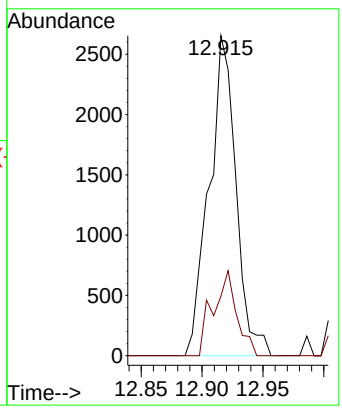


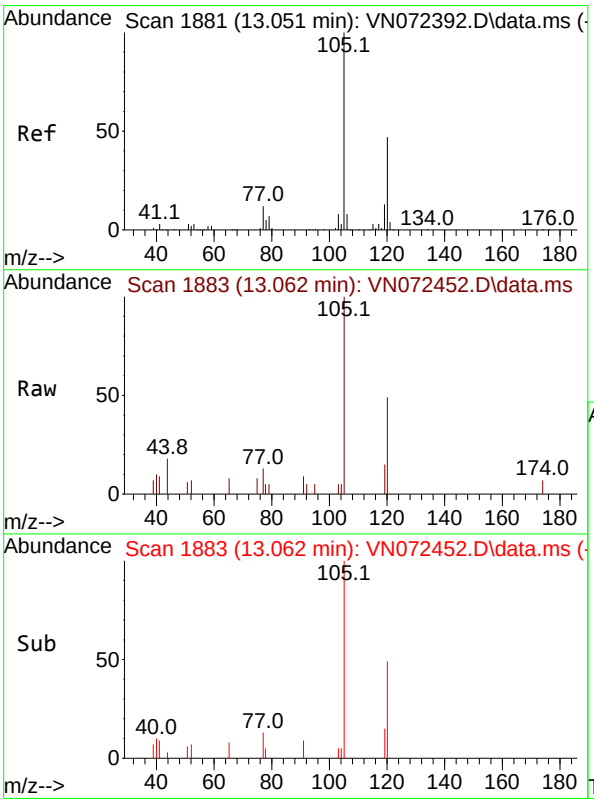
#78
n-propylbenzene
Concen: 0.482 ug/l
RT: 12.915 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 91 Resp: 4076

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5

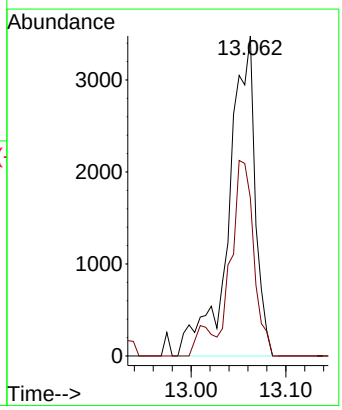


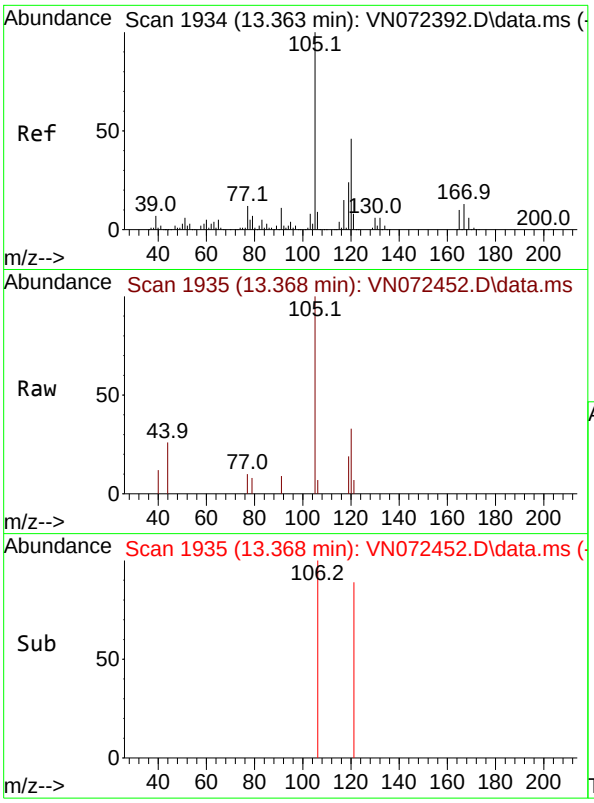


#80
1,3,5-Trimethylbenzene
Concen: 1.040 ug/l
RT: 13.062 min Scan# 1883
Delta R.T. 0.011 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Tgt Ion:105 Resp: 6733

Ion	Ratio	Lower	Upper
105	100		
120	50.9	24.9	74.7





#84
1,2,4-Trimethylbenzene
Concen: 0.634 ug/l
RT: 13.368 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN072452.D
Acq: 12 May 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:105 Resp: 3994

Ion	Ratio	Lower	Upper
105	100		
120	32.1	23.3	69.8