Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
Data File : VN075104.D
Acq On : 01 Nov 2022 17:58
Operator : JC\MD
Sample : N5417-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Quant Time: Nov 02 07:12:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	105674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	198964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	81631	57.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.660%			
35) Dibromofluoromethane	8.171	113	64601	55.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.620%			
50) Toluene-d8	10.571	98	248325	54.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.600%			
62) 4-Bromofluorobenzene	12.847	95	78987	49.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.240%			
Target Compounds						Qvalue
16) Acetone	4.448	43	8520	14.132	ug/l	100
25) 2-Butanone	7.494	43	37120	39.145	ug/l	97
52) Toluene	10.635	92	258626	69.877	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	5518	1.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	14676	2.861	ug/l	92

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

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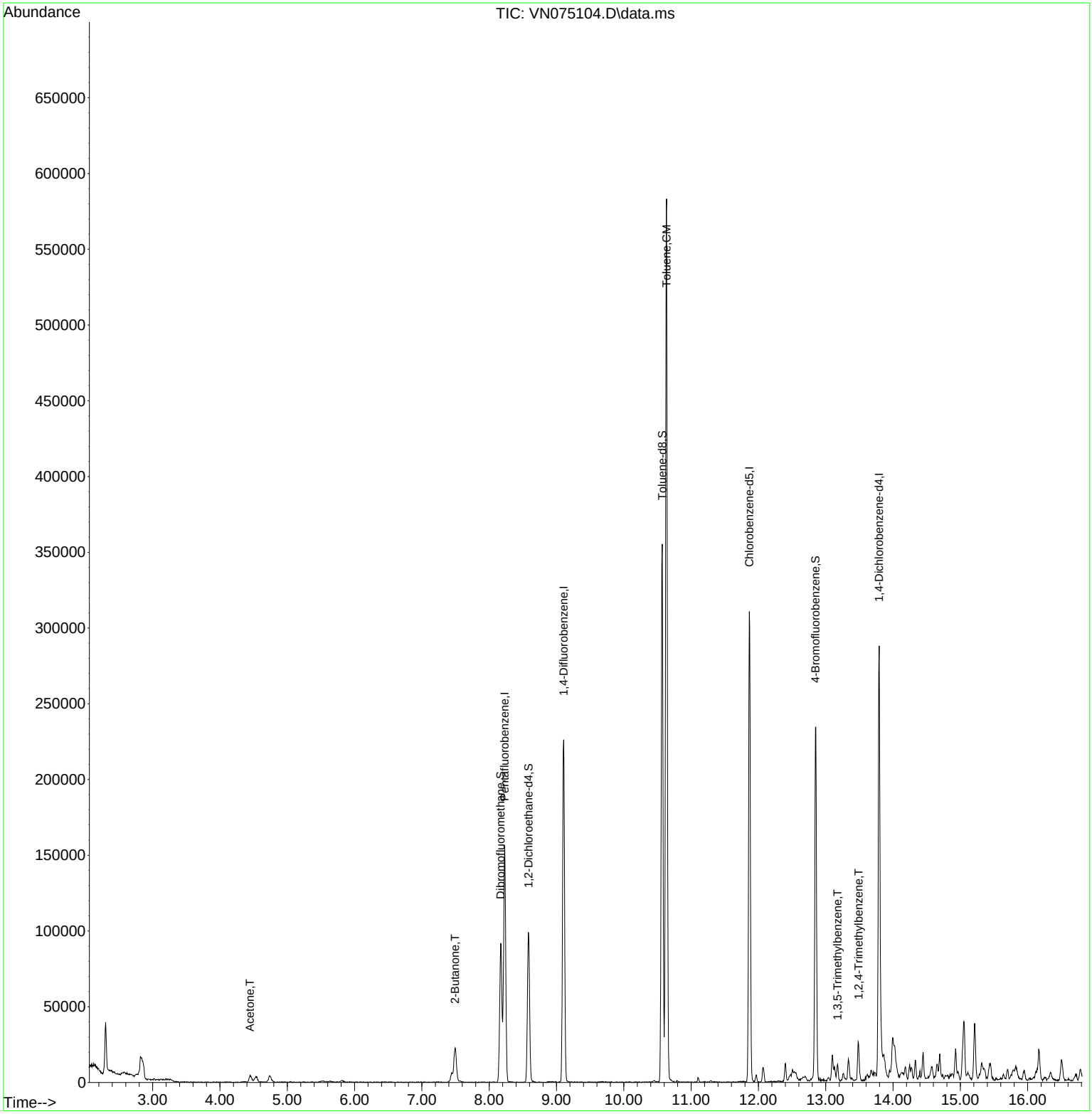
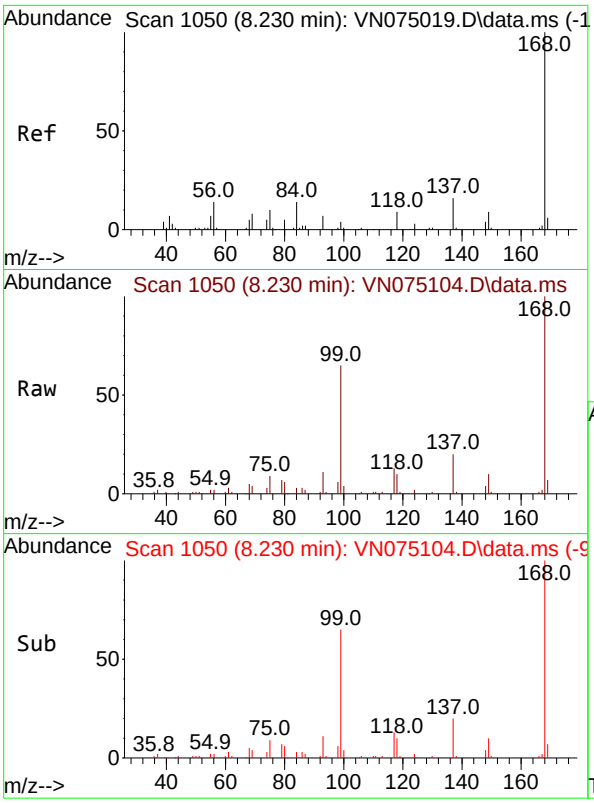


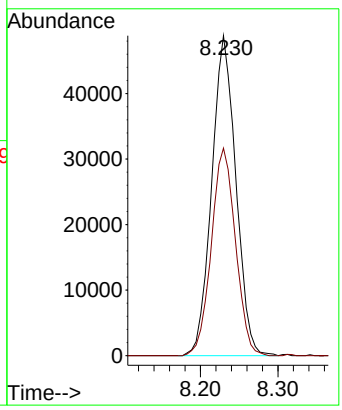


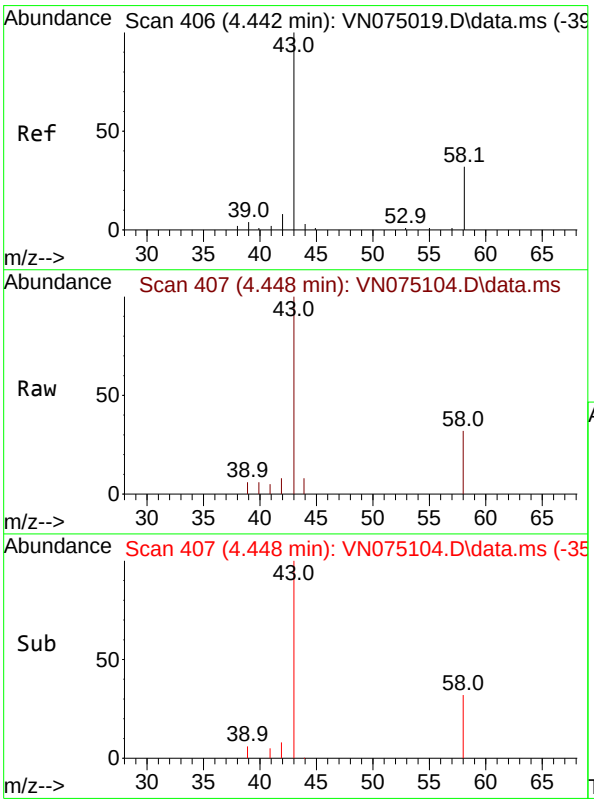
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion:168 Resp: 105674

Ion	Ratio	Lower	Upper
168	100		
99	64.9	51.6	77.4

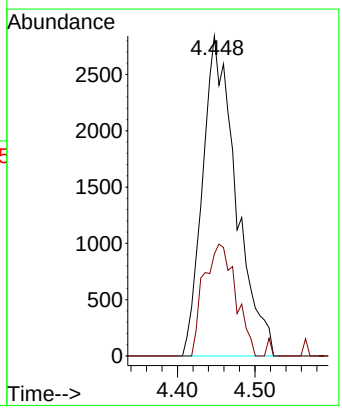


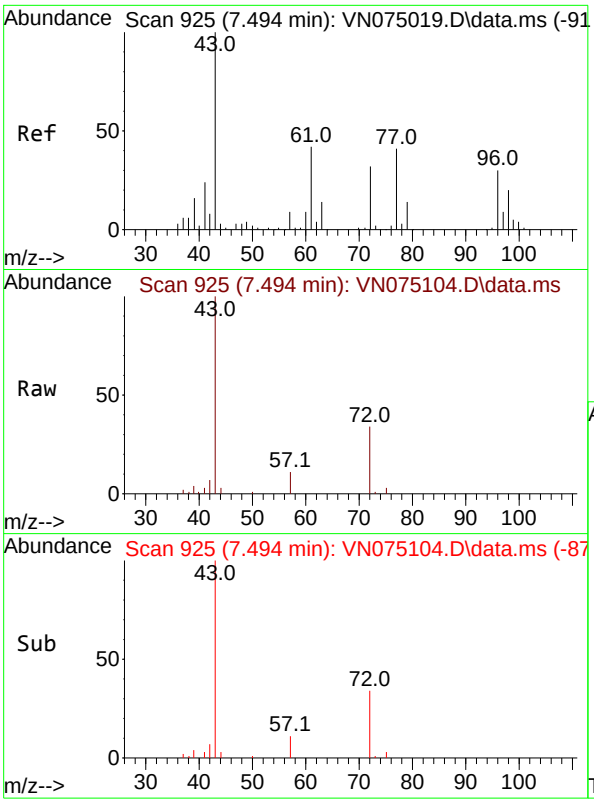


#16
Acetone
Concen: 14.132 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion: 43 Resp: 8520

Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.5	38.3



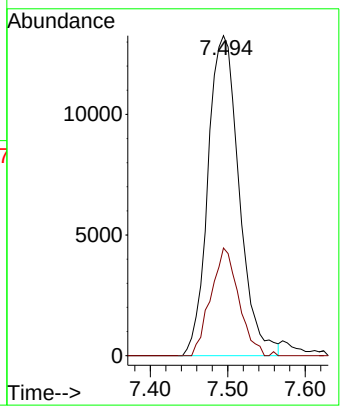


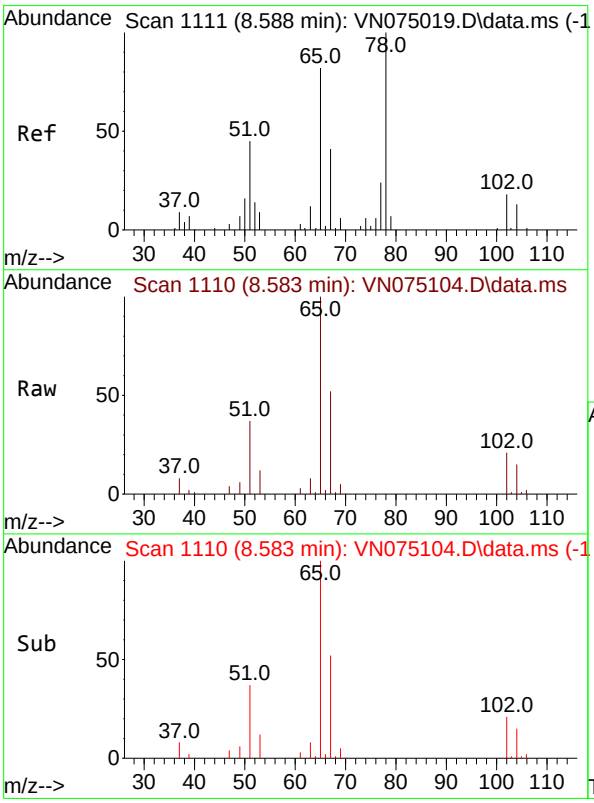
#25
2-Butanone
Concen: 39.145 ug/l
RT: 7.494 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion: 43 Resp: 37120

Ion	Ratio	Lower	Upper
43	100		
72	33.6	25.5	38.3

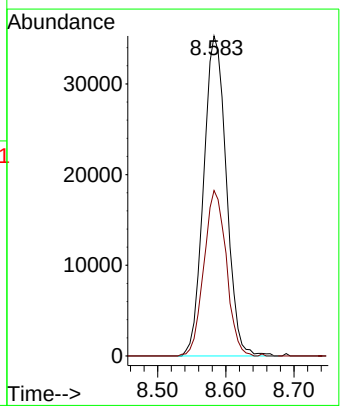


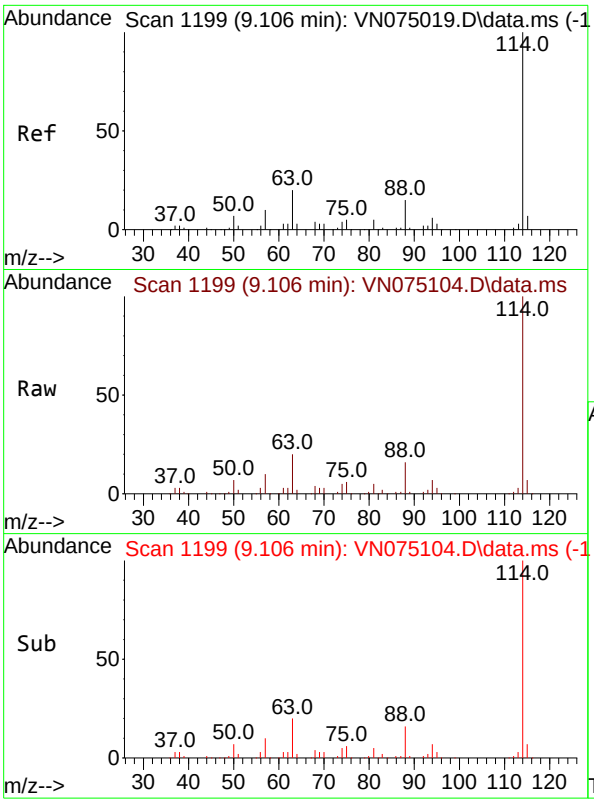


#33
1,2-Dichloroethane-d4
Concen: 57.332 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion: 65 Resp: 81631

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.0



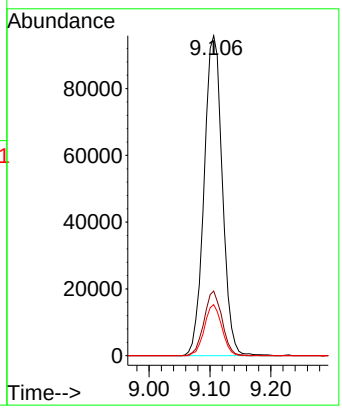


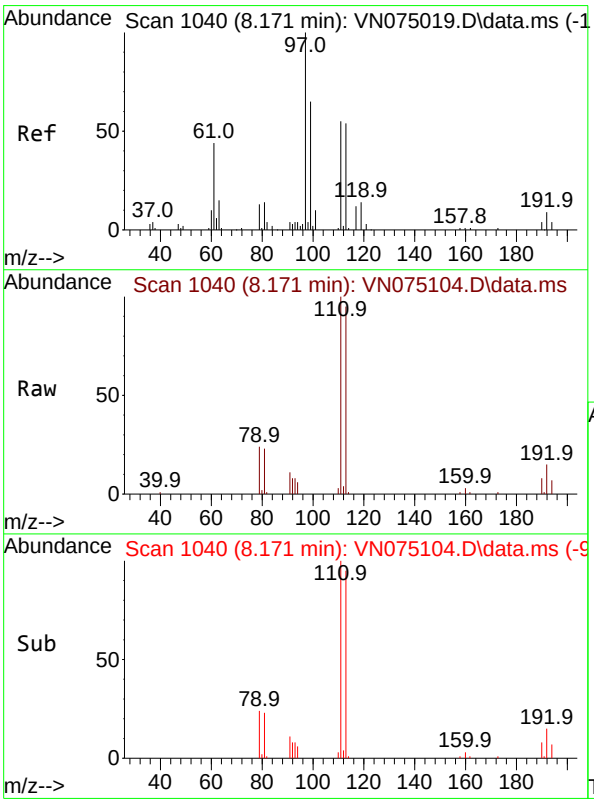
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion:114 Resp: 198964

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.9	0.0	29.0

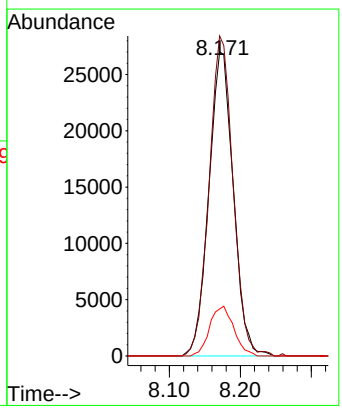


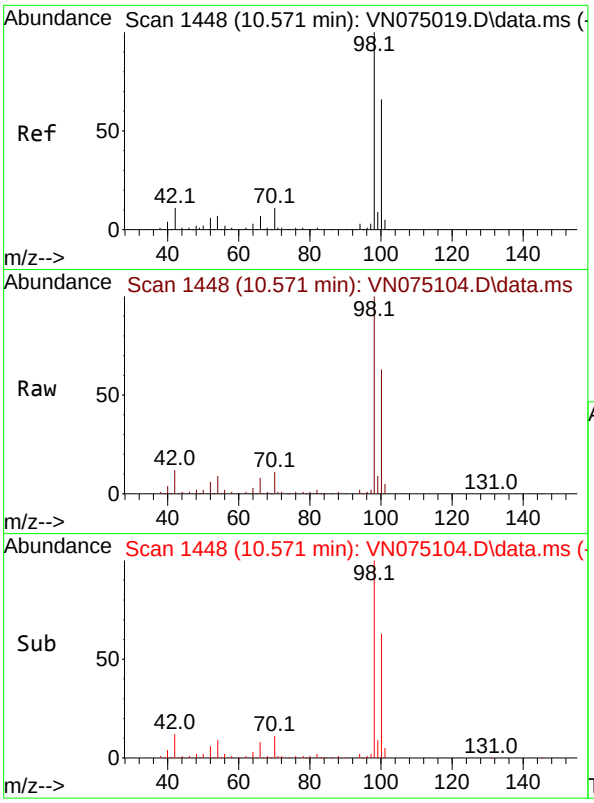


#35
Dibromofluoromethane
Concen: 55.308 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion:113 Resp: 64601

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	16.1	13.2	19.8



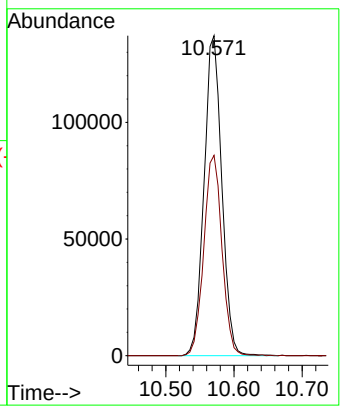


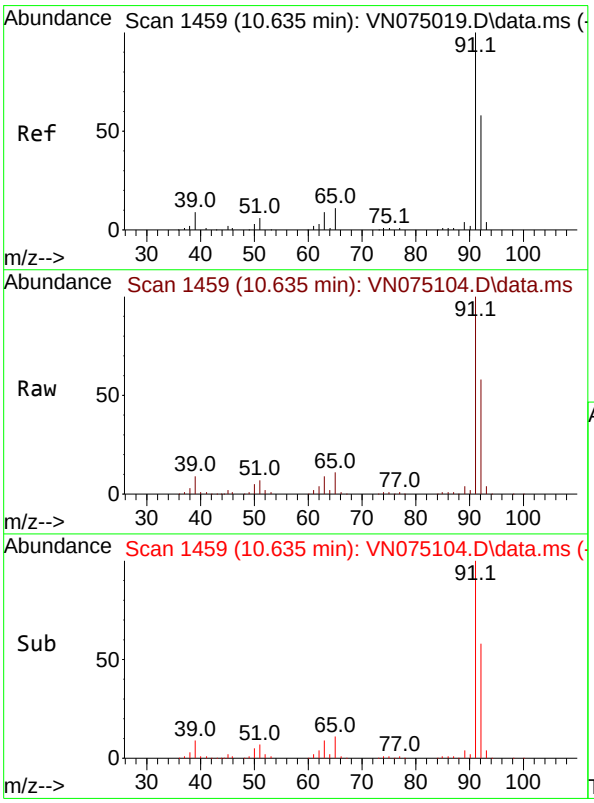
#50
Toluene-d8
Concen: 54.799 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion: 98 Resp: 248325

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.0	79.6

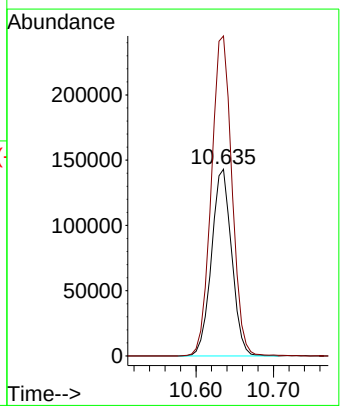


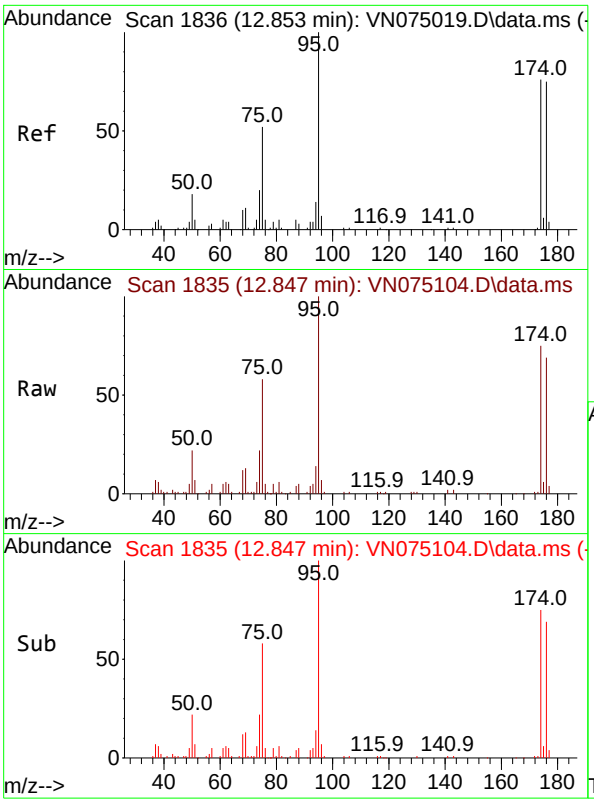


#52
Toluene
Concen: 69.877 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion: 92 Resp: 258626

Ion	Ratio	Lower	Upper
92	100		
91	175.1	135.4	203.2



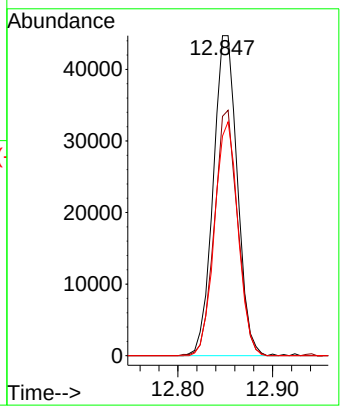


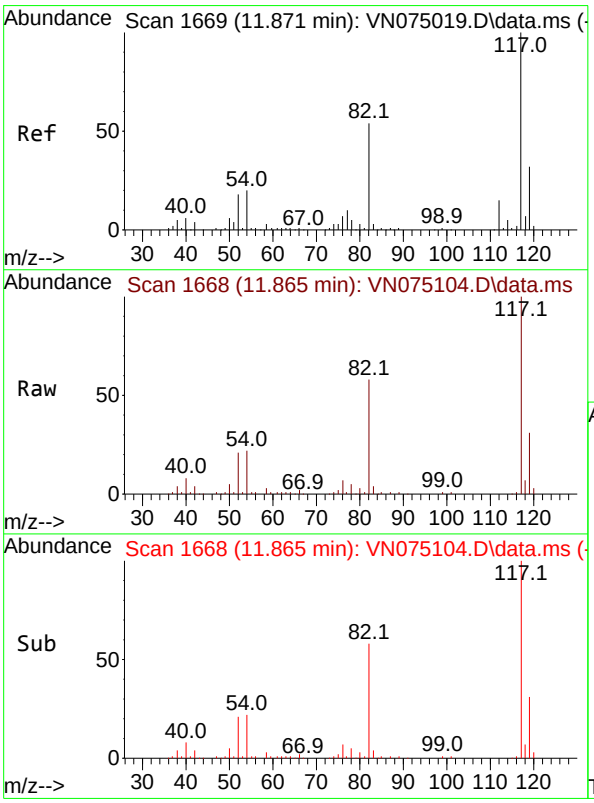
#62
4-Bromofluorobenzene
Concen: 49.619 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion: 95 Resp: 78987

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	147.4
176	71.4	0.0	142.2

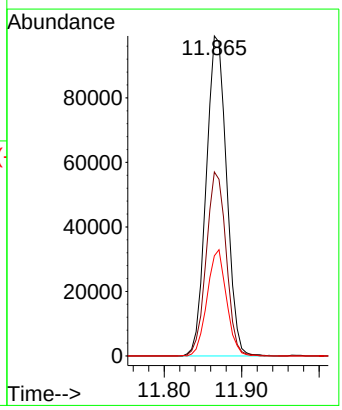


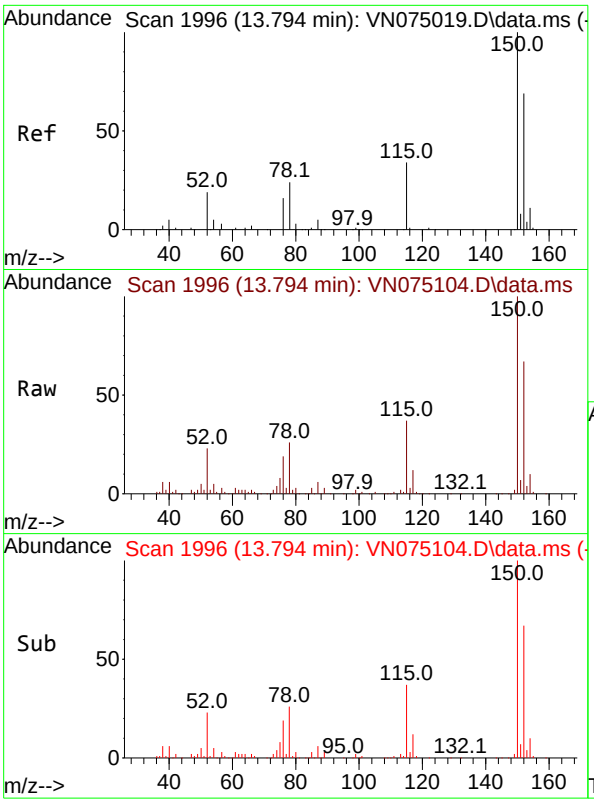


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion:117 Resp: 181029

Ion	Ratio	Lower	Upper
117	100		
82	57.5	43.1	64.7
119	31.3	25.5	38.3



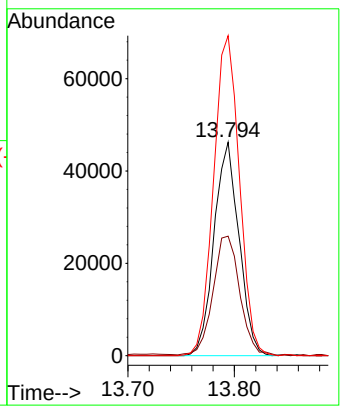


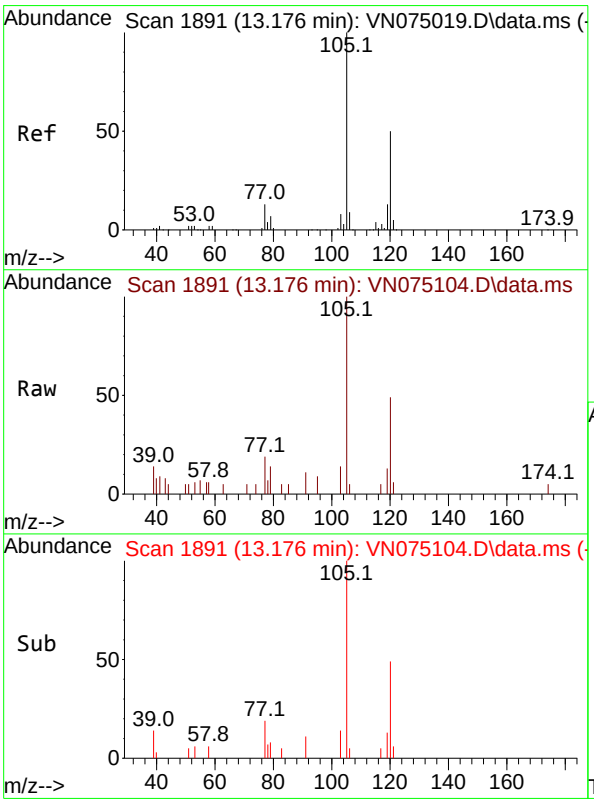
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion:152 Resp: 75197

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.2	90.6
150	154.7	0.0	348.4

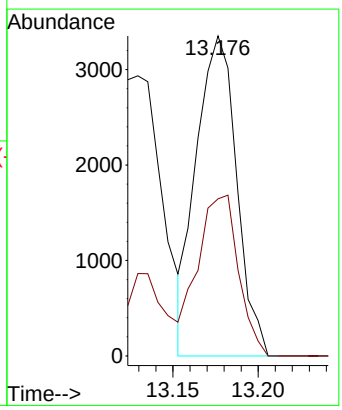


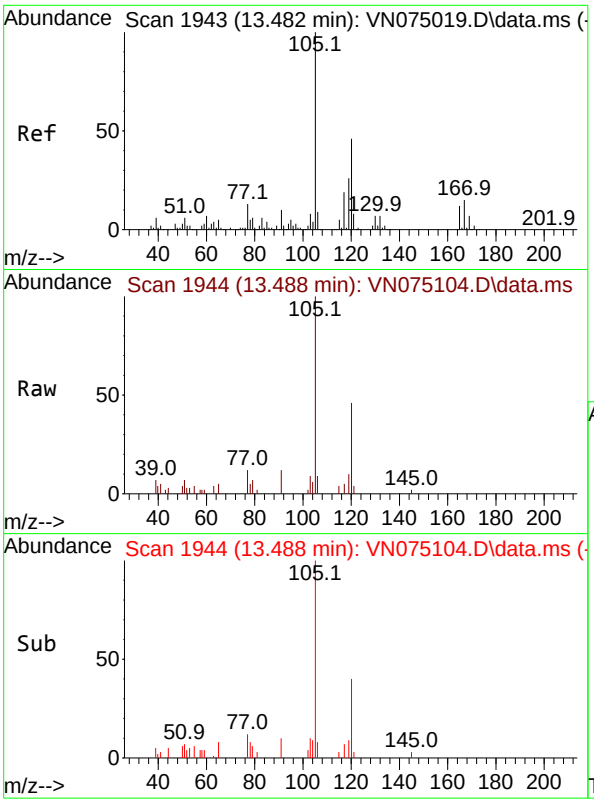


#80
1,3,5-Trimethylbenzene
Concen: 1.088 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Tgt Ion:105 Resp: 5518

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.7	74.1





#84
1,2,4-Trimethylbenzene
Concen: 2.861 ug/l
RT: 13.488 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075104.D
Acq: 01 Nov 2022 17:58

Instrument :
MSVOA_N
ClientSampleId :
AUD-1906

Tgt Ion:105 Resp: 14676

Ion	Ratio	Lower	Upper
105	100		
120	50.9	22.7	68.1