Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
Data File : VN070445.D
Acq On : 3 Jan 2022 18:33
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jan 04 01:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1065167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2047652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2421225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	987176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	788770	51.503	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.000%			
35) Dibromofluoromethane	8.021	113	586742	47.359	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.720%			
50) Toluene-d8	10.440	98	2704573	53.438	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.731	95	1195144	65.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.760%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.843	91	33761	0.359	ug/l	99
68) m/p-Xylenes	11.950	106	43475	1.269	ug/l	94
69) o-Xylene	12.280	106	10223	0.300	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	30509	0.431	ug/l	98

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

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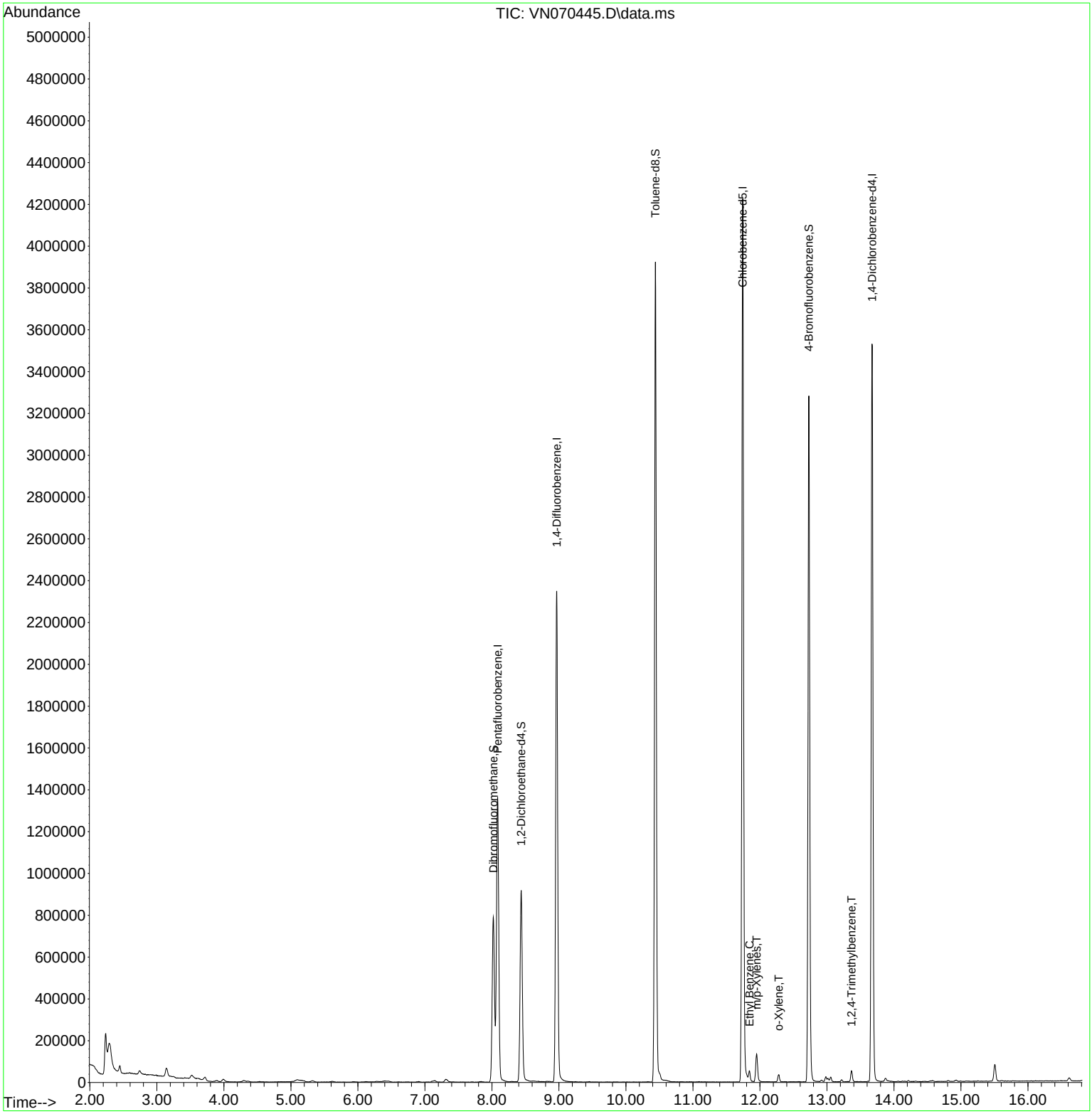
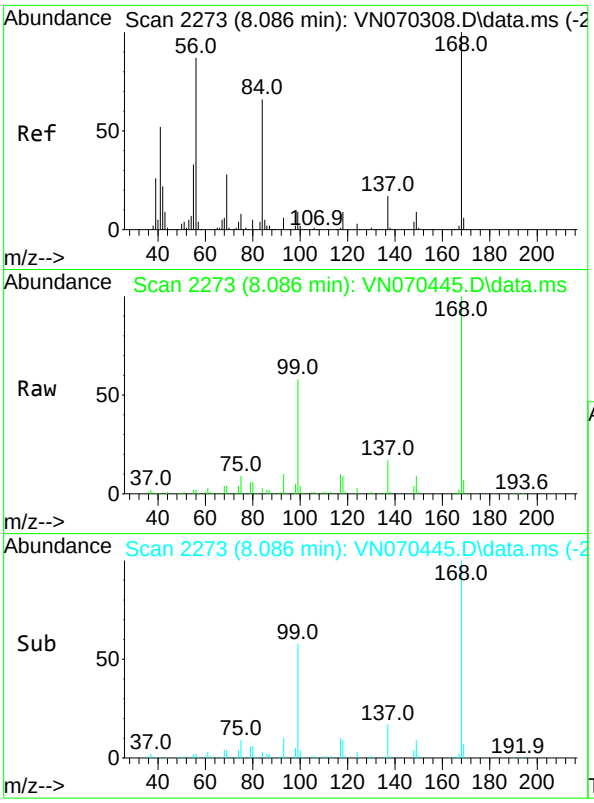


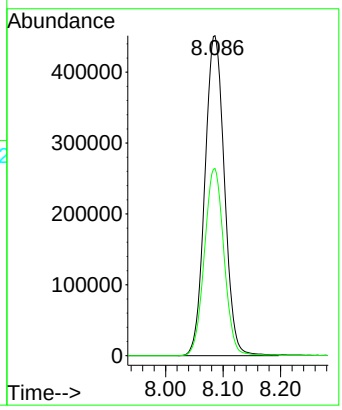


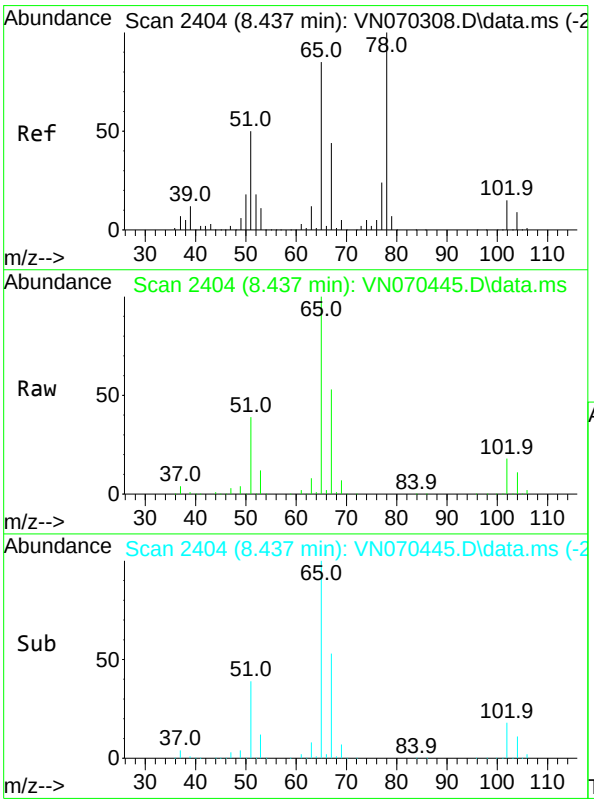
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 1065167

Ion	Ratio	Lower	Upper
168	100		
99	58.5	41.3	61.9

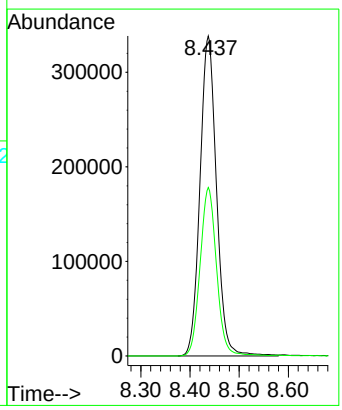


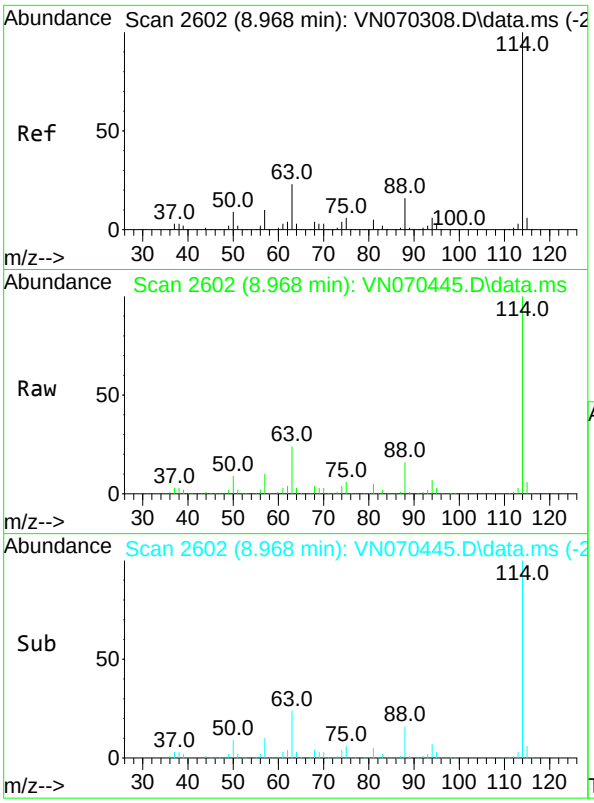


#33
1,2-Dichloroethane-d4
Concen: 51.503 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 65 Resp: 788770

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0



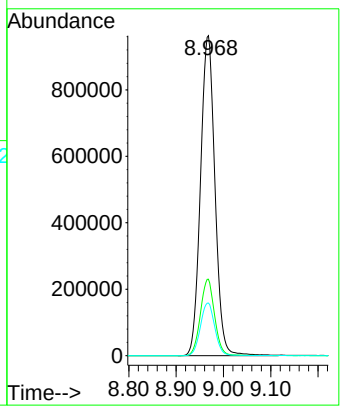


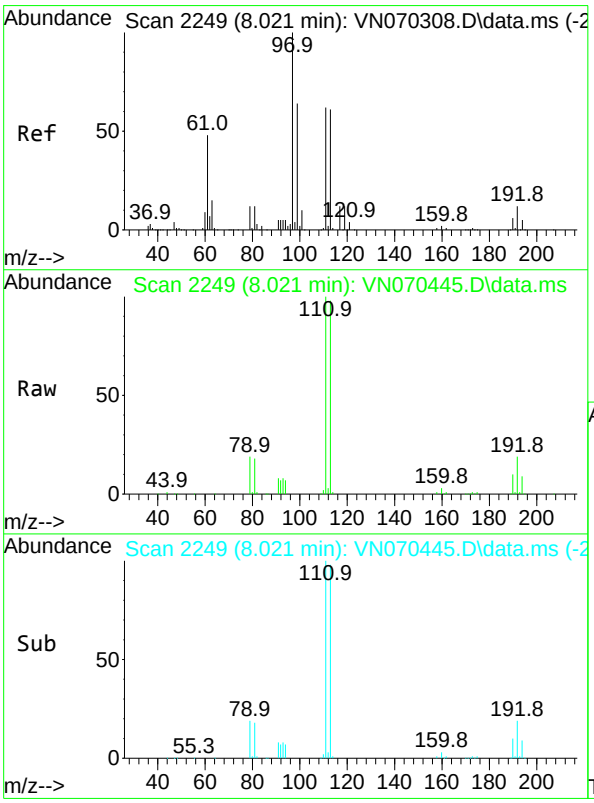
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 2047652

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	37.8
88	16.5	0.0	27.4

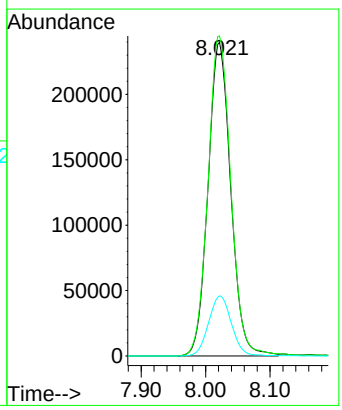


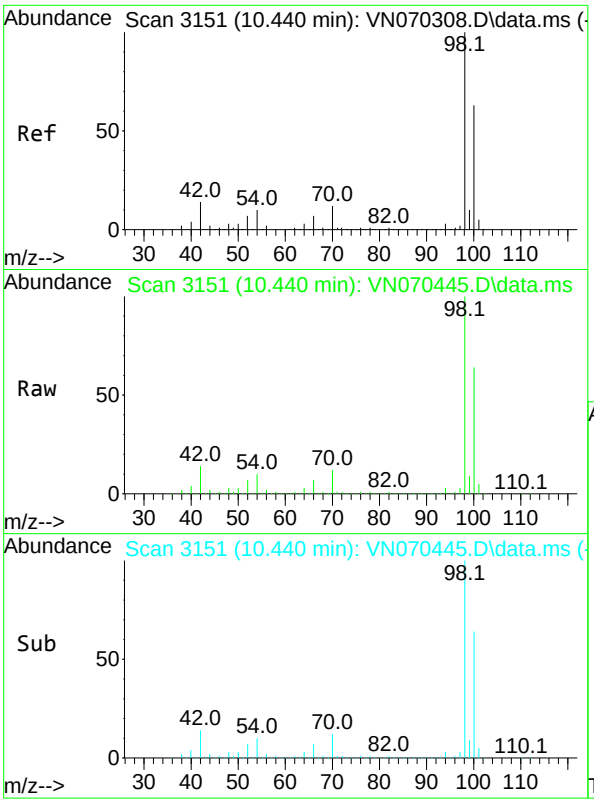


#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion:113 Resp: 586742

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	19.3	16.9	25.3



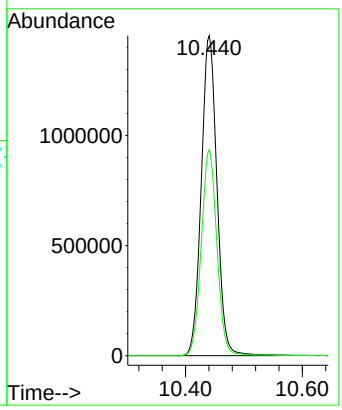


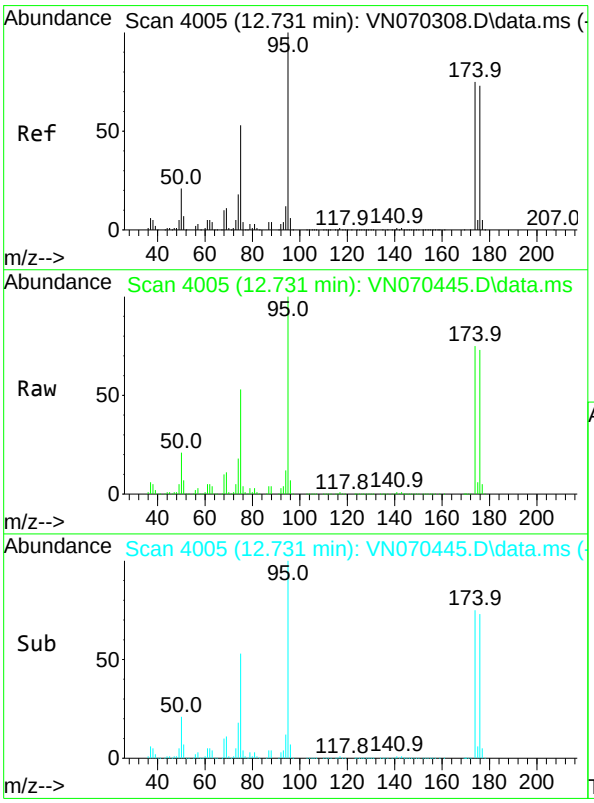
#50
Toluene-d8
Concen: 53.438 ug/l
RT: 10.440 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 2704573

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.4	75.6

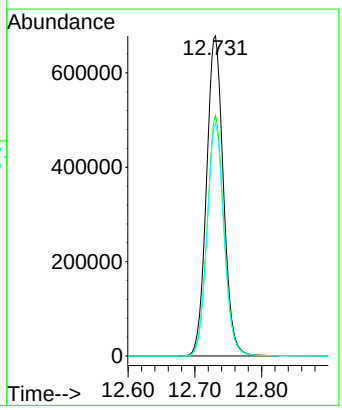


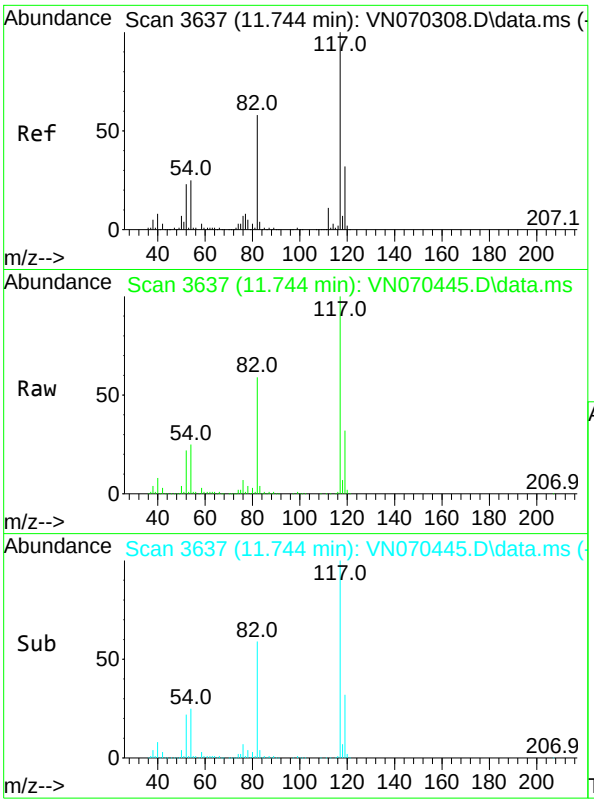


#62
4-Bromofluorobenzene
Concen: 65.380 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 95 Resp: 1195144

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	187.2
176	72.5	0.0	181.4



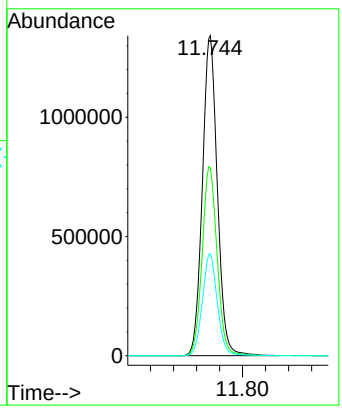


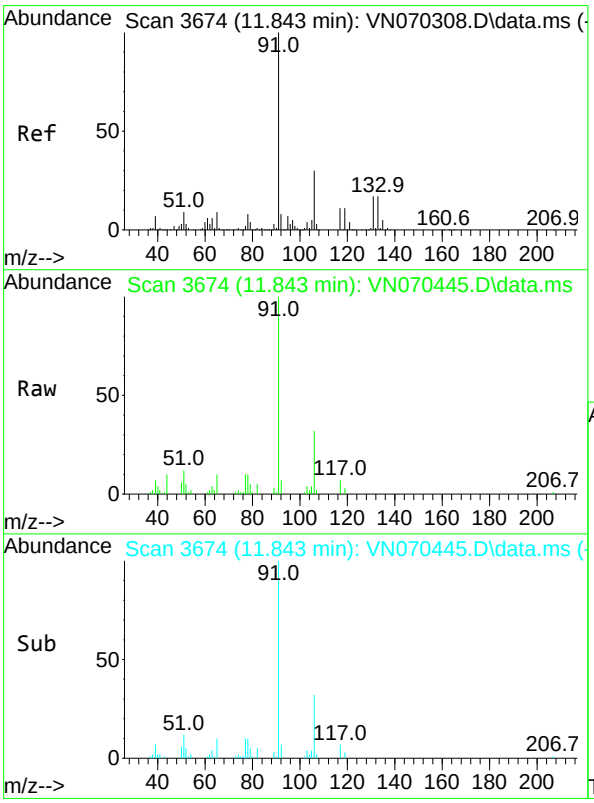
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 2421225

Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	31.9	25.4	38.2

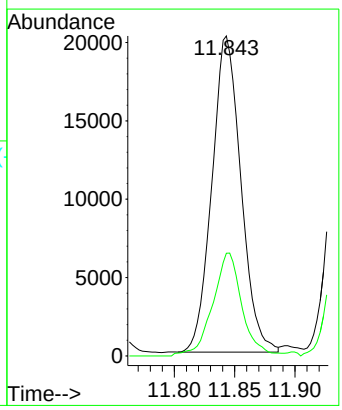


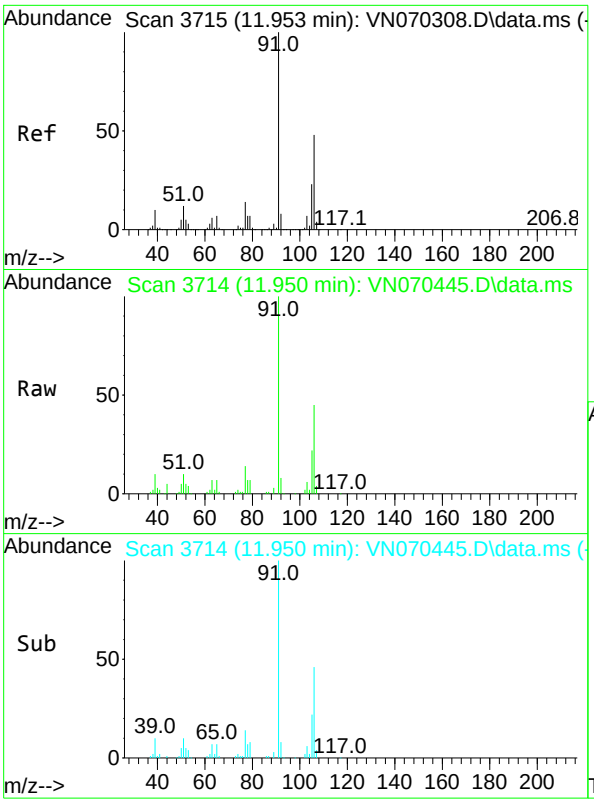


#67
Ethyl Benzene
Concen: 0.359 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 91 Resp: 33761

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.7	38.5



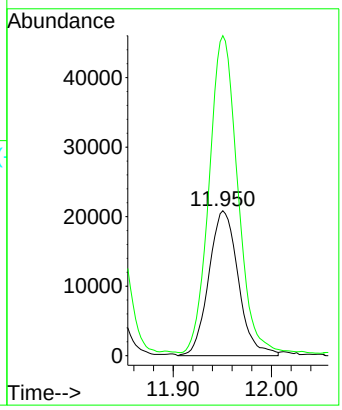


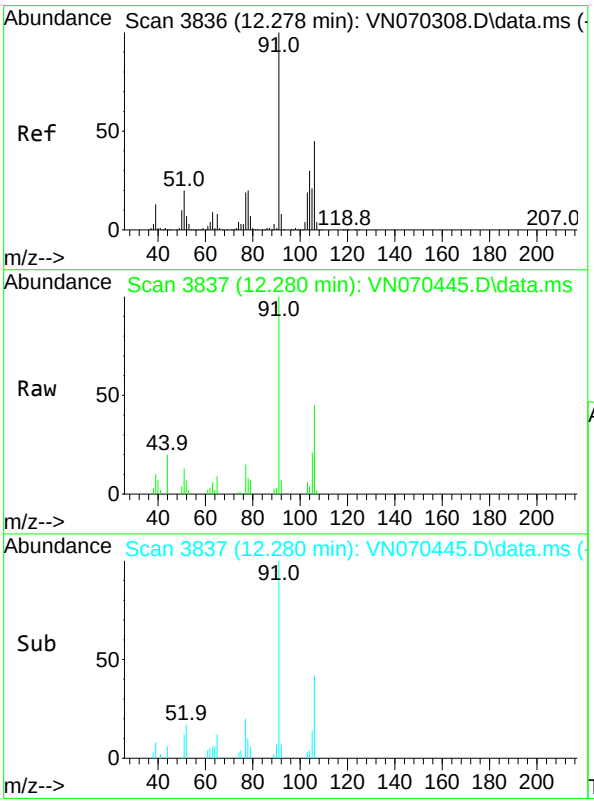
#68
m/p-Xylenes
Concen: 1.269 ug/l
RT: 11.950 min Scan# 3
Delta R.T. -0.003 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 43475

Ion	Ratio	Lower	Upper
106	100		
91	210.2	160.6	240.8

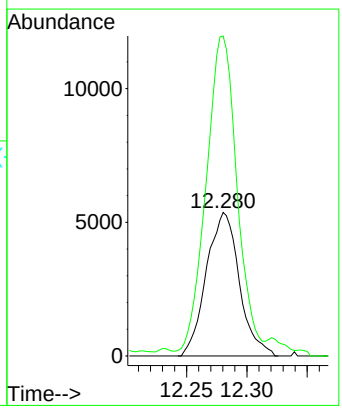


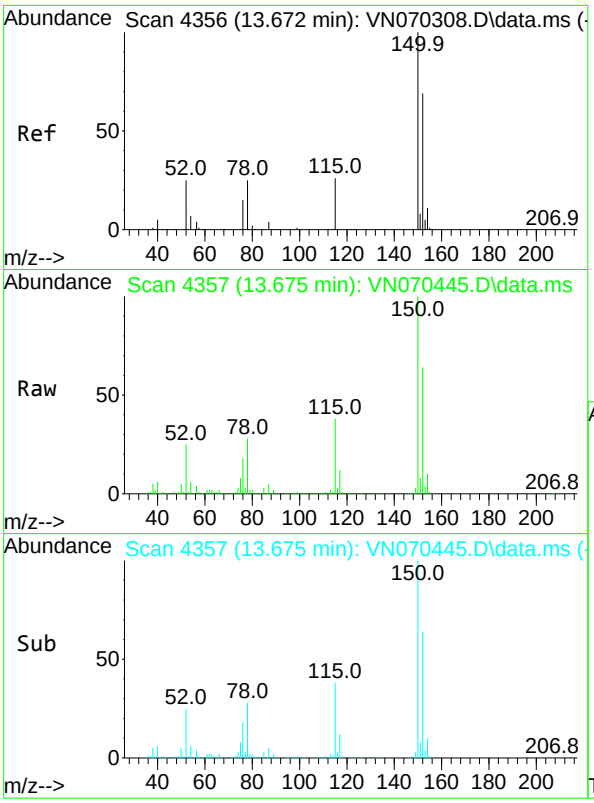


#69
o-Xylene
Concen: 0.300 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion:106 Resp: 10223

Ion	Ratio	Lower	Upper
106	100		
91	202.9	105.8	317.3



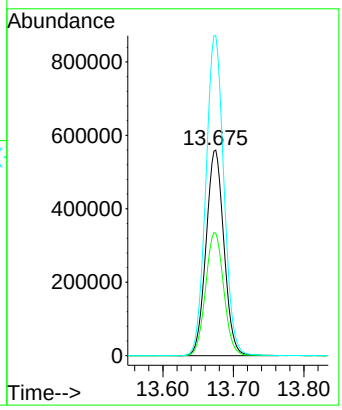


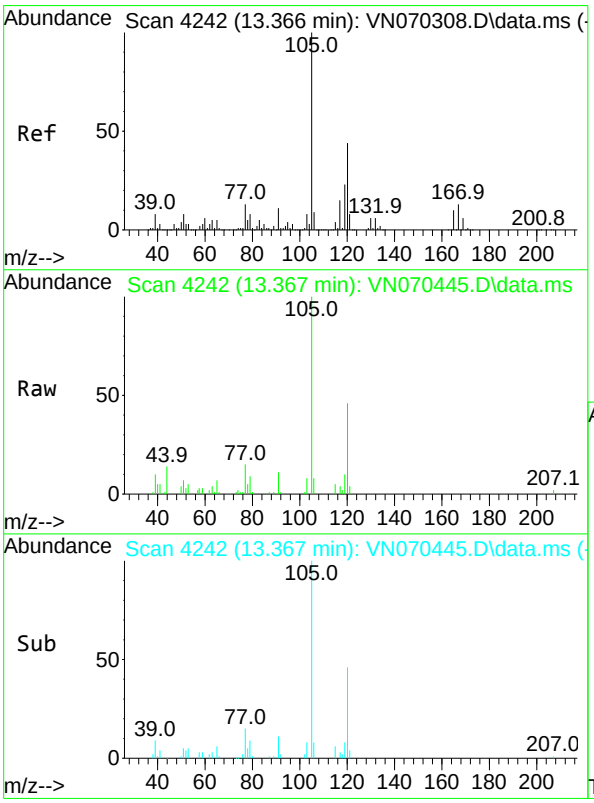
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:152 Resp: 987176

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.5	82.5
150	156.6	0.0	344.4





#84
1,2,4-Trimethylbenzene
Concen: 0.431 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion:105 Resp: 30509

Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.8	68.4