Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072904.D
Acq On : 17 Jun 2022 01:42
Operator : JC\MD
Sample : N3286-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Jun 17 06:09:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	636593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1027202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	831142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	378328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	477133	40.568	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	81.140%		
35) Dibromofluoromethane	7.951	113	418068	44.806	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.620%		
50) Toluene-d8	10.375	98	1169663	32.025	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	64.060%#		
62) 4-Bromofluorobenzene	12.669	95	532184	42.005	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.000%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.392	83	5010	0.317	ug/l #	80
52) Toluene	10.439	92	124200	4.727	ug/l	98
67) Ethyl Benzene	11.780	91	231173	5.973	ug/l	98
68) m/p-Xylenes	11.886	106	326418	21.965	ug/l	99
69) o-Xylene	12.216	106	113537	7.447	ug/l	97
73) Isopropylbenzene	12.516	105	16222	0.450	ug/l	99
78) n-propylbenzene	12.857	91	43613	1.159	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	80535	2.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	304565	10.957	ug/l	99

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

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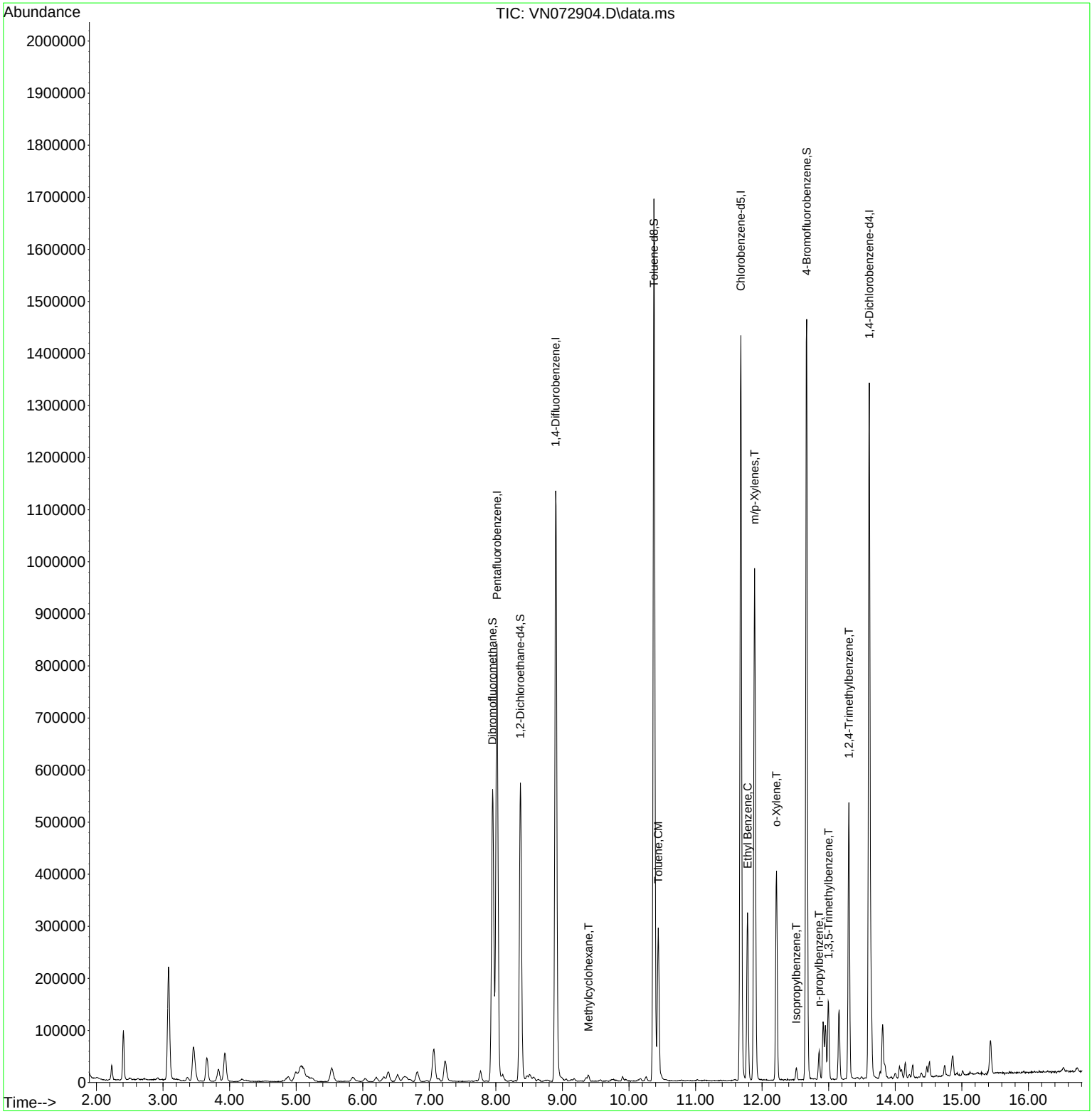
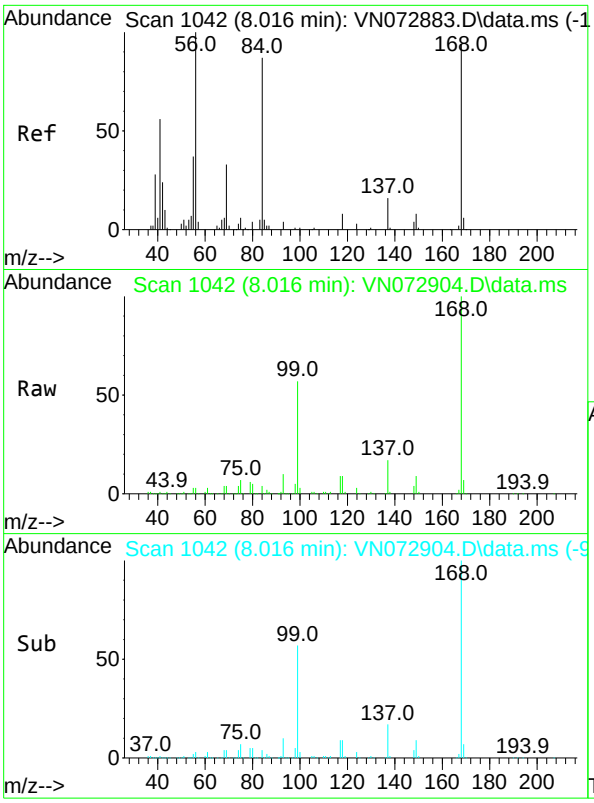
Response via : Initial Calibration



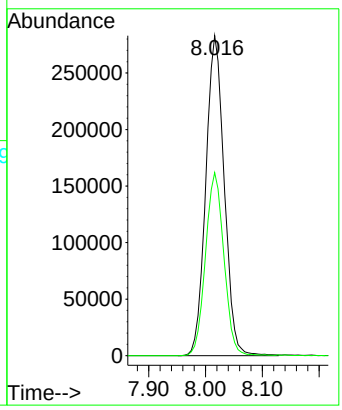


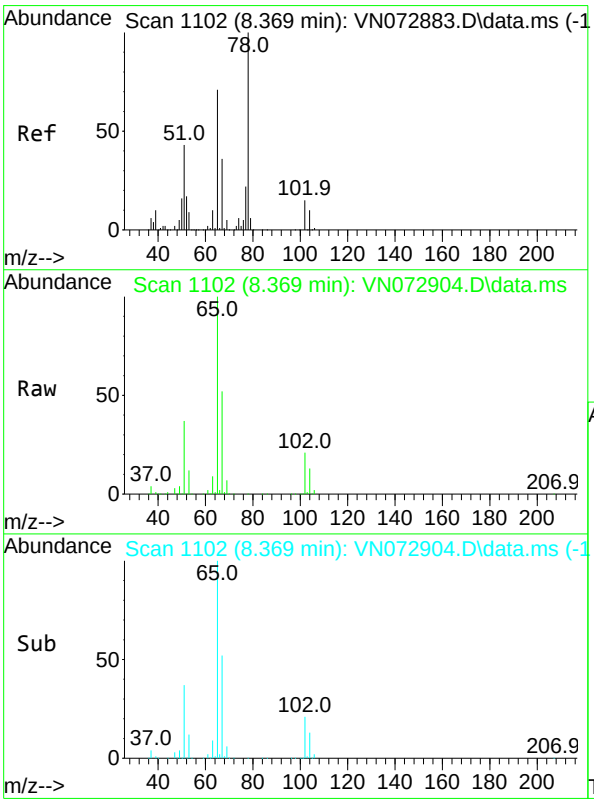
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 636593

Ion	Ratio	Lower	Upper
168	100		
99	57.2	42.3	63.5

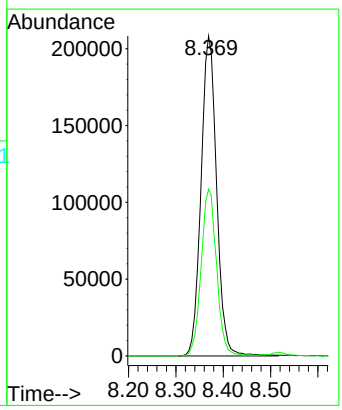


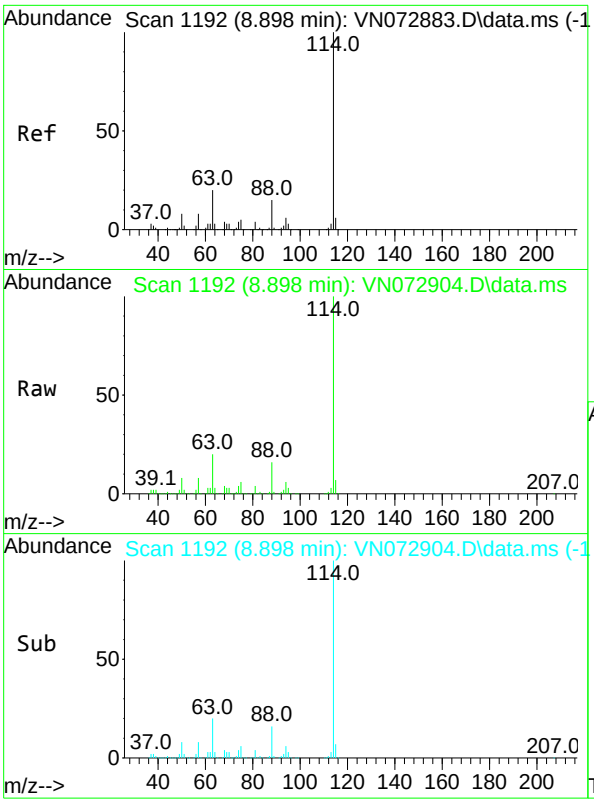


#33
1,2-Dichloroethane-d4
Concen: 40.568 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion: 65 Resp: 477133

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.8



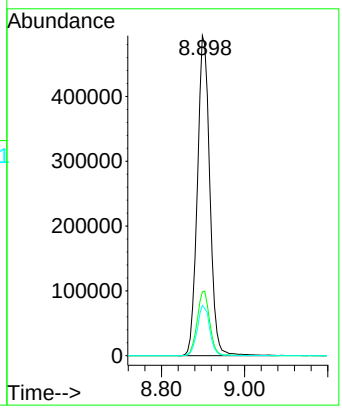


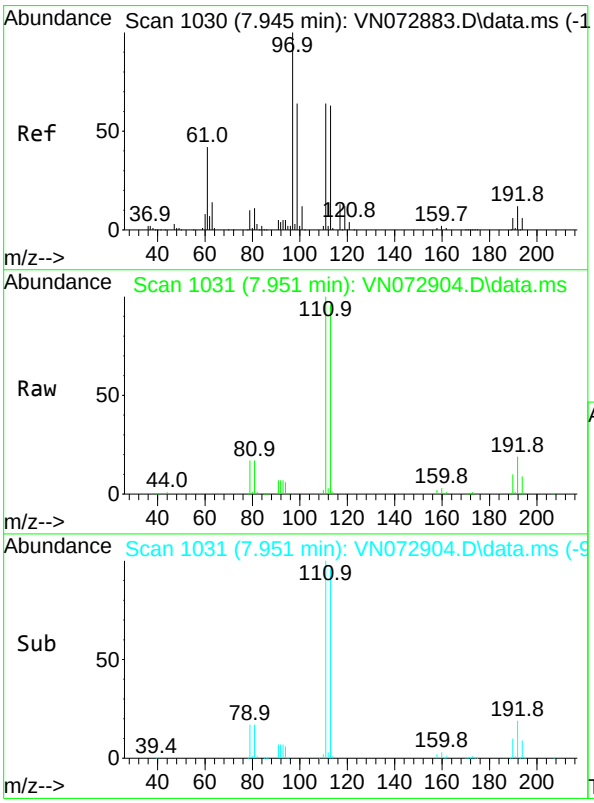
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 1027202

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.8	0.0	32.6

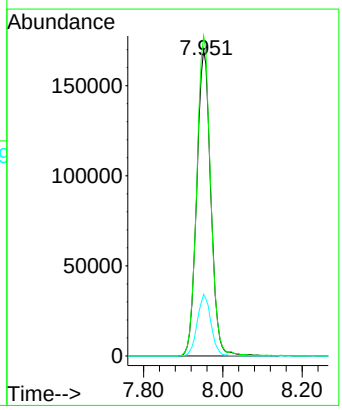


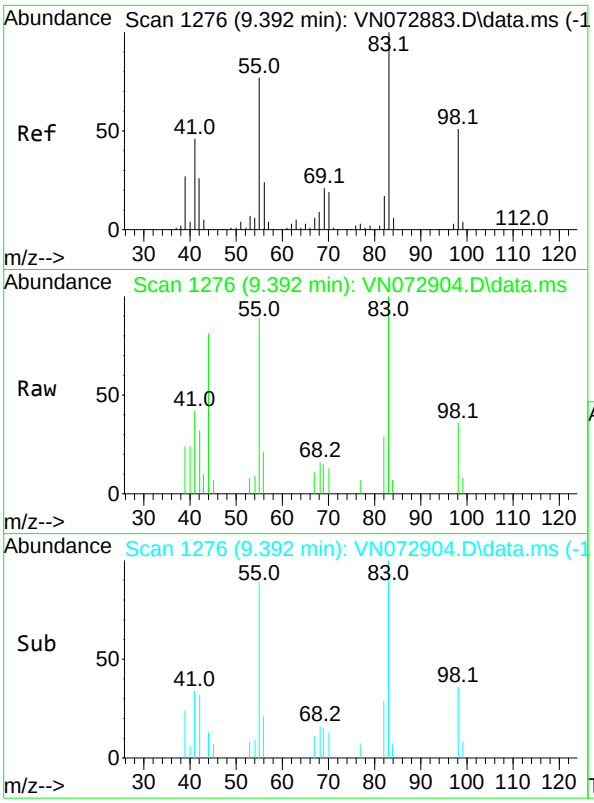


#35
Dibromofluoromethane
Concen: 44.806 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion:113 Resp: 418068

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	19.6	17.0	25.6



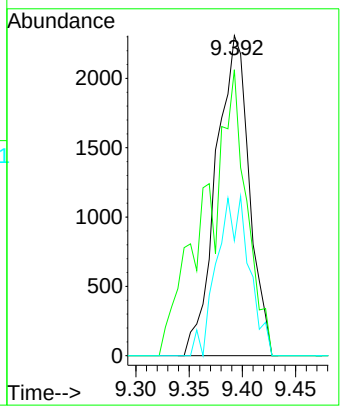


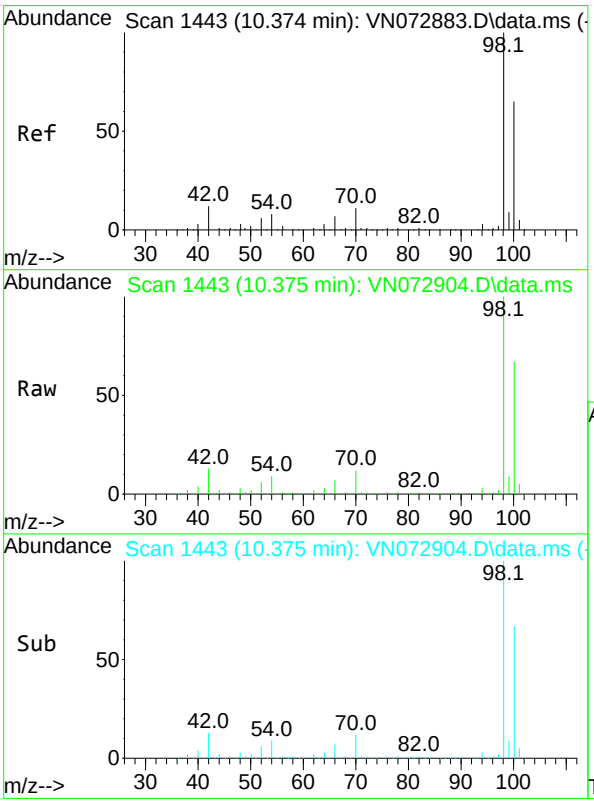
#39
Methylcyclohexane
Concen: 0.317 ug/l
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 5010

Ion	Ratio	Lower	Upper
83	100		
55	89.3	57.8	86.8#
98	36.0	39.4	59.2#

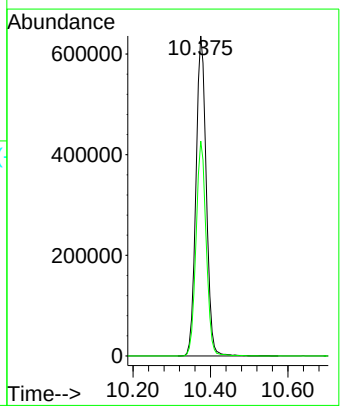


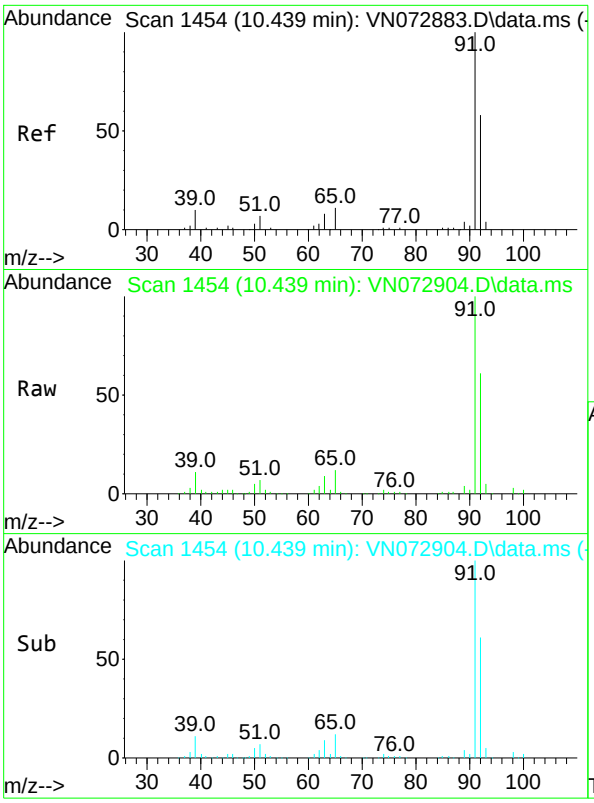


#50
Toluene-d8
Concen: 32.025 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion: 98 Resp: 1169663

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8



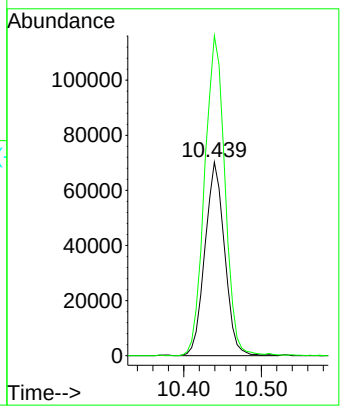


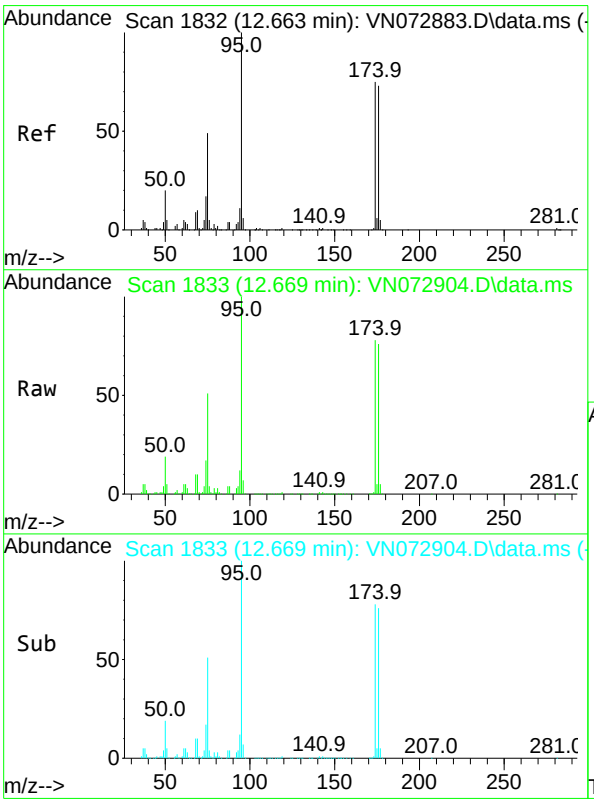
#52
Toluene
Concen: 4.727 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 92 Resp: 124200

Ion	Ratio	Lower	Upper
92	100		
91	170.8	138.6	207.8

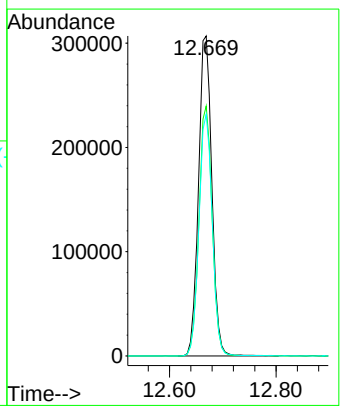


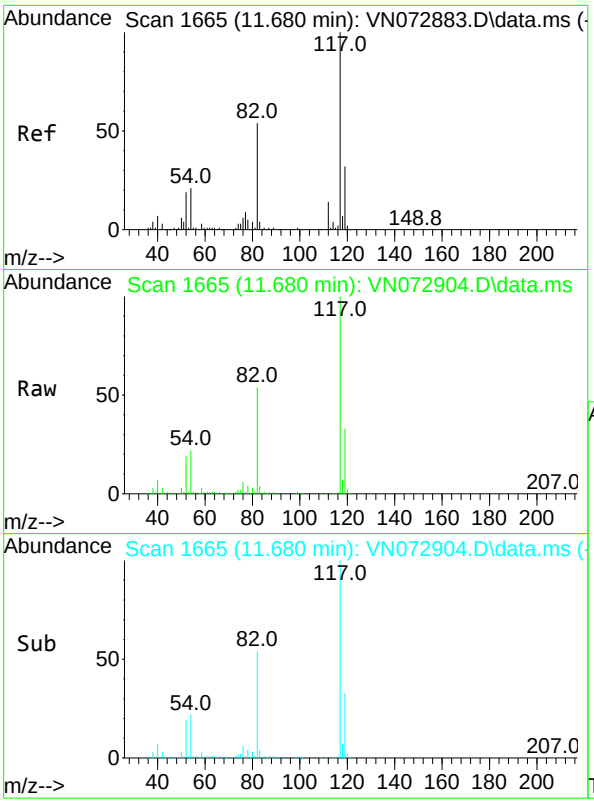


#62
4-Bromofluorobenzene
Concen: 42.005 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion: 95 Resp: 532184

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	167.6
176	75.2	0.0	163.4



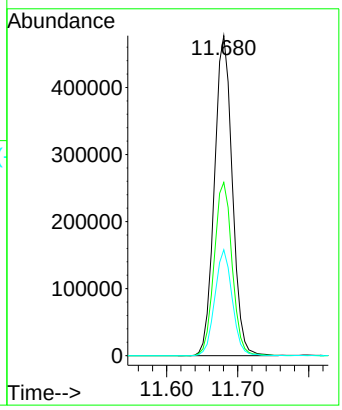


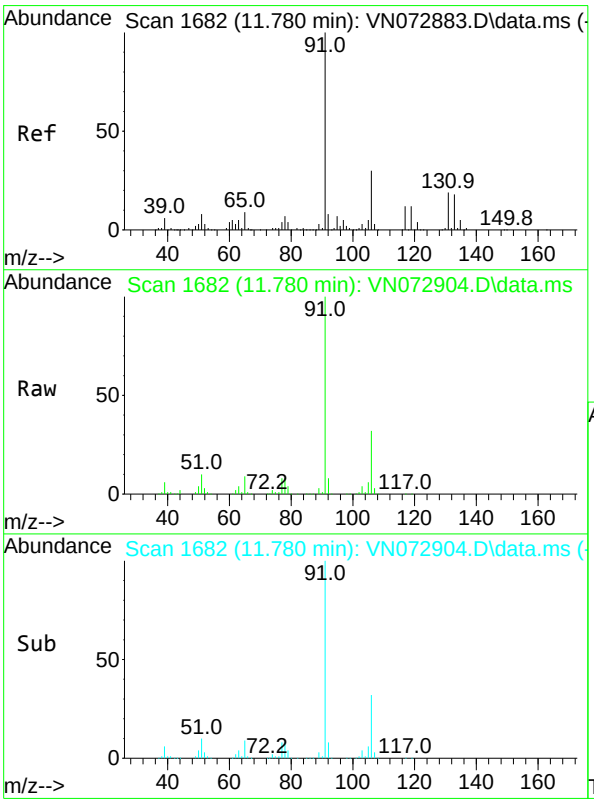
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 831142

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	33.1	25.4	38.0

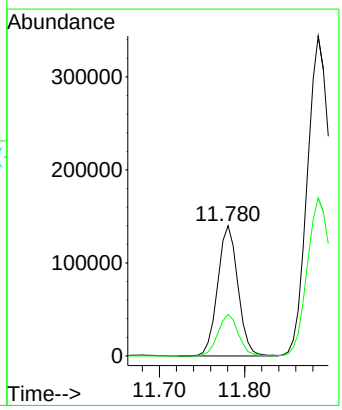


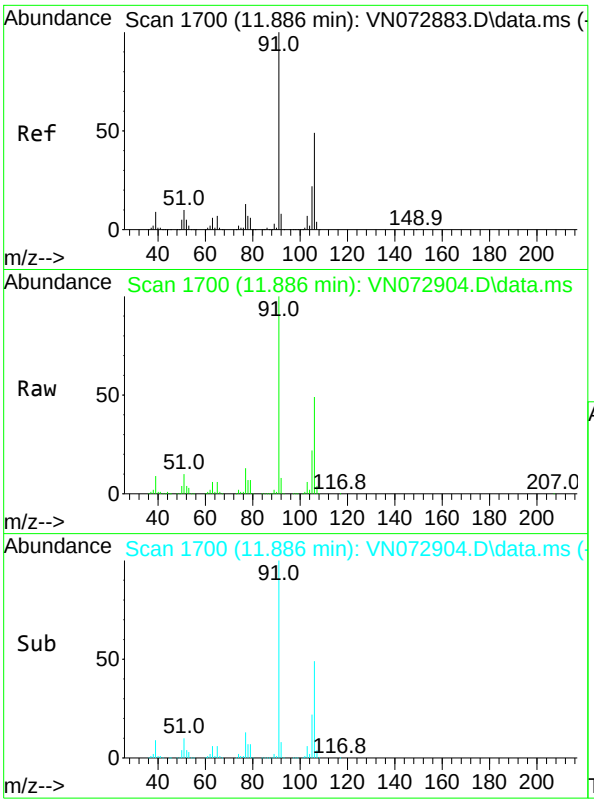


#67
Ethyl Benzene
Concen: 5.973 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion: 91 Resp: 231173

Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.9	37.3



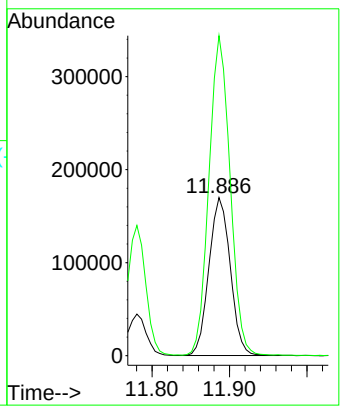


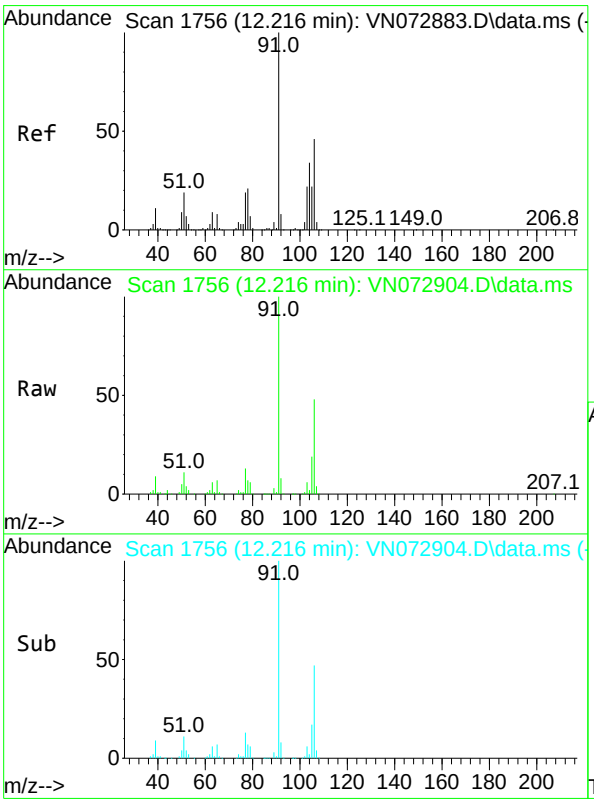
#68
m/p-Xylenes
Concen: 21.965 ug/l
RT: 11.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:106 Resp: 326418

Ion	Ratio	Lower	Upper
106	100		
91	200.3	158.9	238.3

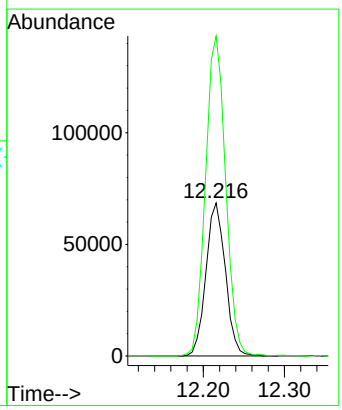


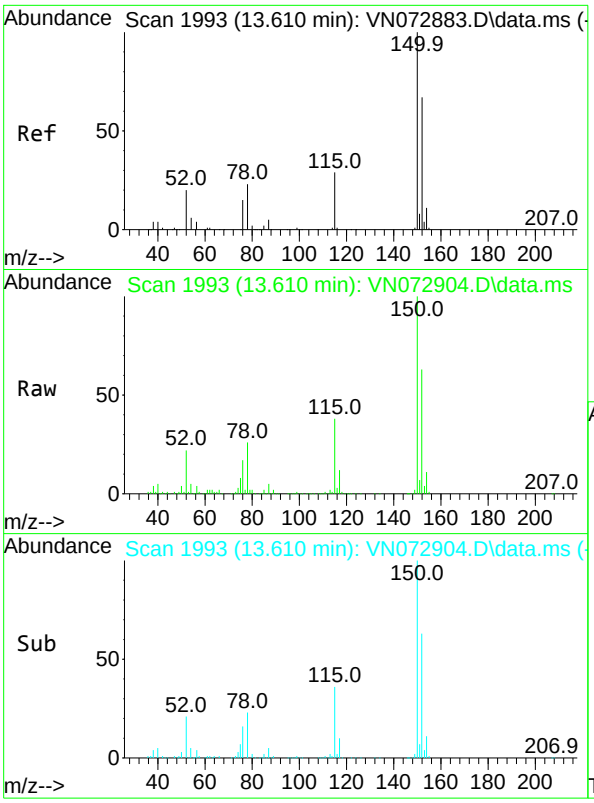


#69
o-Xylene
Concen: 7.447 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion:106 Resp: 113537

Ion	Ratio	Lower	Upper
106	100		
91	217.1	106.0	318.0



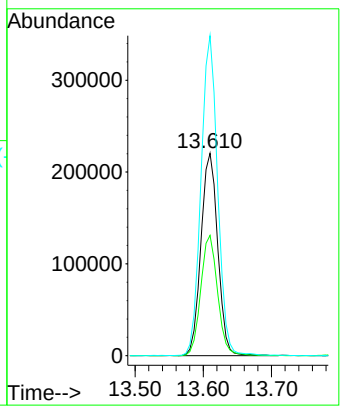


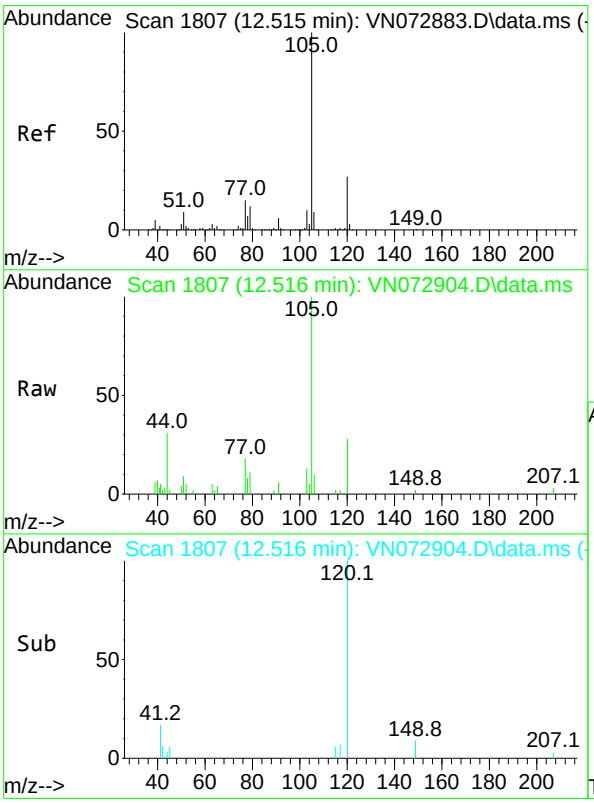
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 378328

Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.9	86.7
150	156.7	0.0	356.2

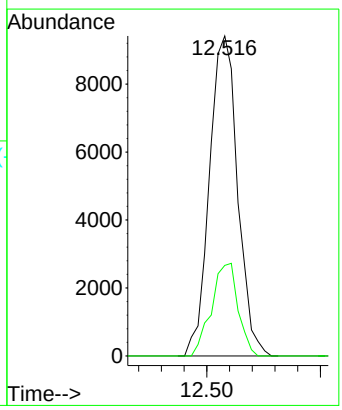


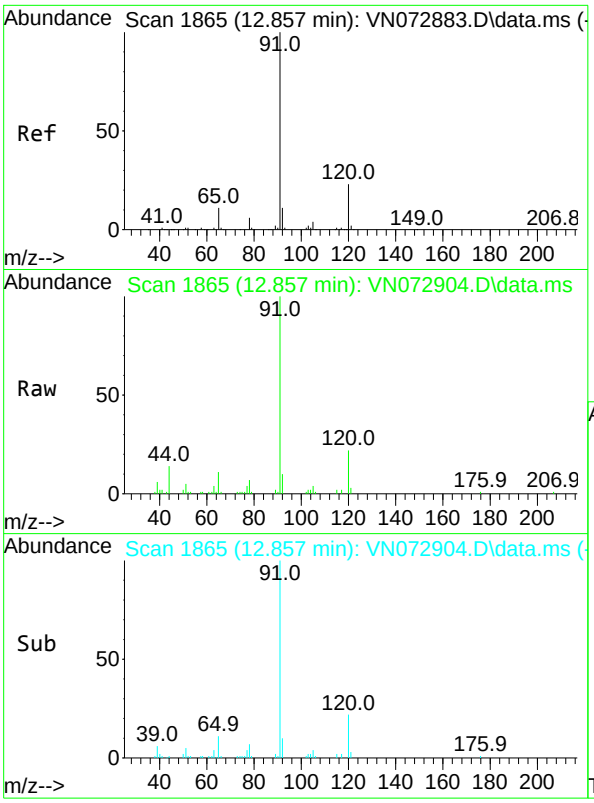


#73
Isopropylbenzene
Concen: 0.450 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion:105 Resp: 16222

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4



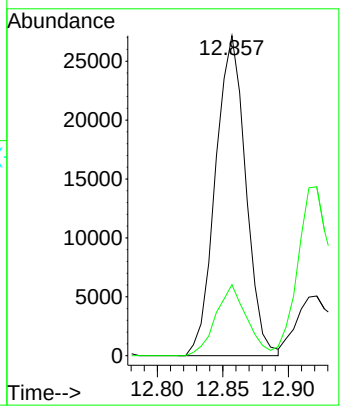


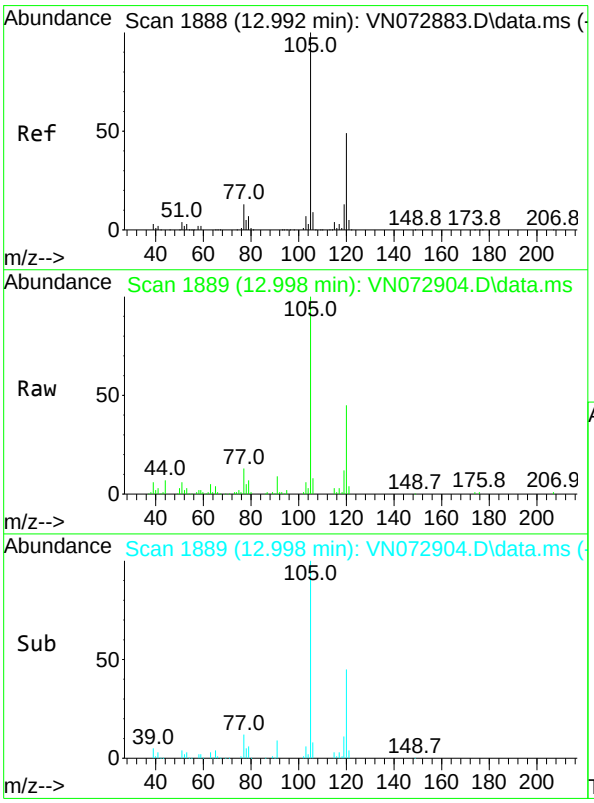
#78
n-propylbenzene
Concen: 1.159 ug/l
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 43613

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.9	35.5

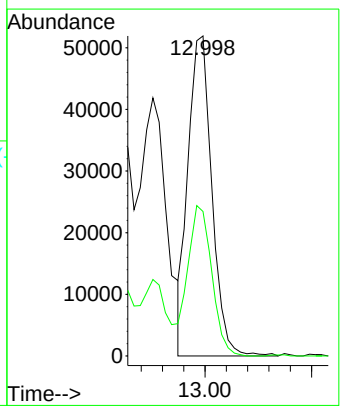


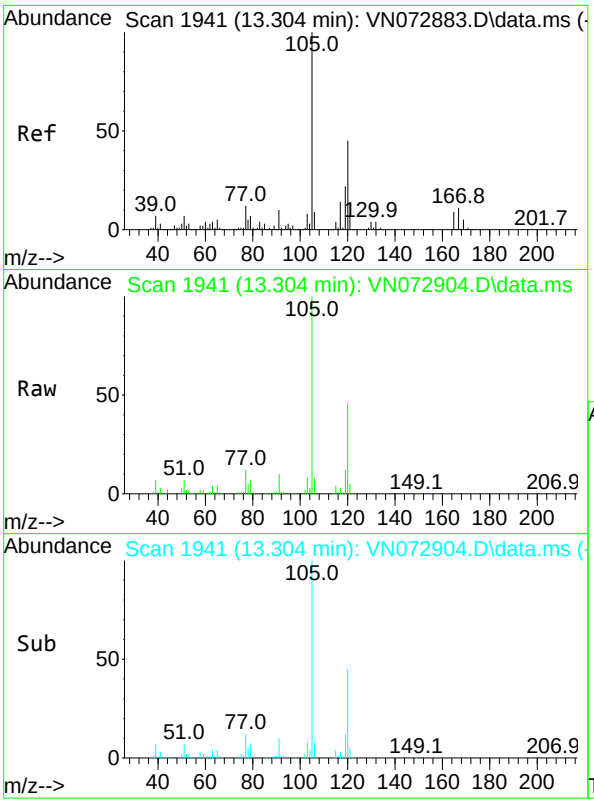


#80
1,3,5-Trimethylbenzene
Concen: 2.785 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Tgt Ion:105 Resp: 80535

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.9	74.7





#84
1,2,4-Trimethylbenzene
Concen: 10.957 ug/l
RT: 13.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072904.D
Acq: 17 Jun 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 304565

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.8