Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
Data File : VN073248.D
Acq On : 29 Jun 2022 17:18
Operator : JC\MD
Sample : N3409-07DL 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Quant Time: Jun 30 07:00:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	349691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	567536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	527693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	264916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210863	41.770	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 83.540%			
35) Dibromofluoromethane	7.951	113	178926	47.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.780%			
50) Toluene-d8	10.381	98	594086	44.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.600%			
62) 4-Bromofluorobenzene	12.669	95	269671	52.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.660%			
Target Compounds						Qvalue
52) Toluene	10.439	92	22261	2.009	ug/l	100
67) Ethyl Benzene	11.780	91	228495	10.546	ug/l	100
68) m/p-Xylenes	11.886	106	414810	50.729	ug/l	97
69) o-Xylene	12.216	106	201598	24.151	ug/l	96
73) Isopropylbenzene	12.516	105	15520	0.678	ug/l	95
78) n-propylbenzene	12.857	91	23130	0.910	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	39062	2.095	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	147553	7.926	ug/l	98
95) Naphthalene	15.433	128	38666	1.894	ug/l	99

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

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Instrument :
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ClientSampleId :
MW-3DL

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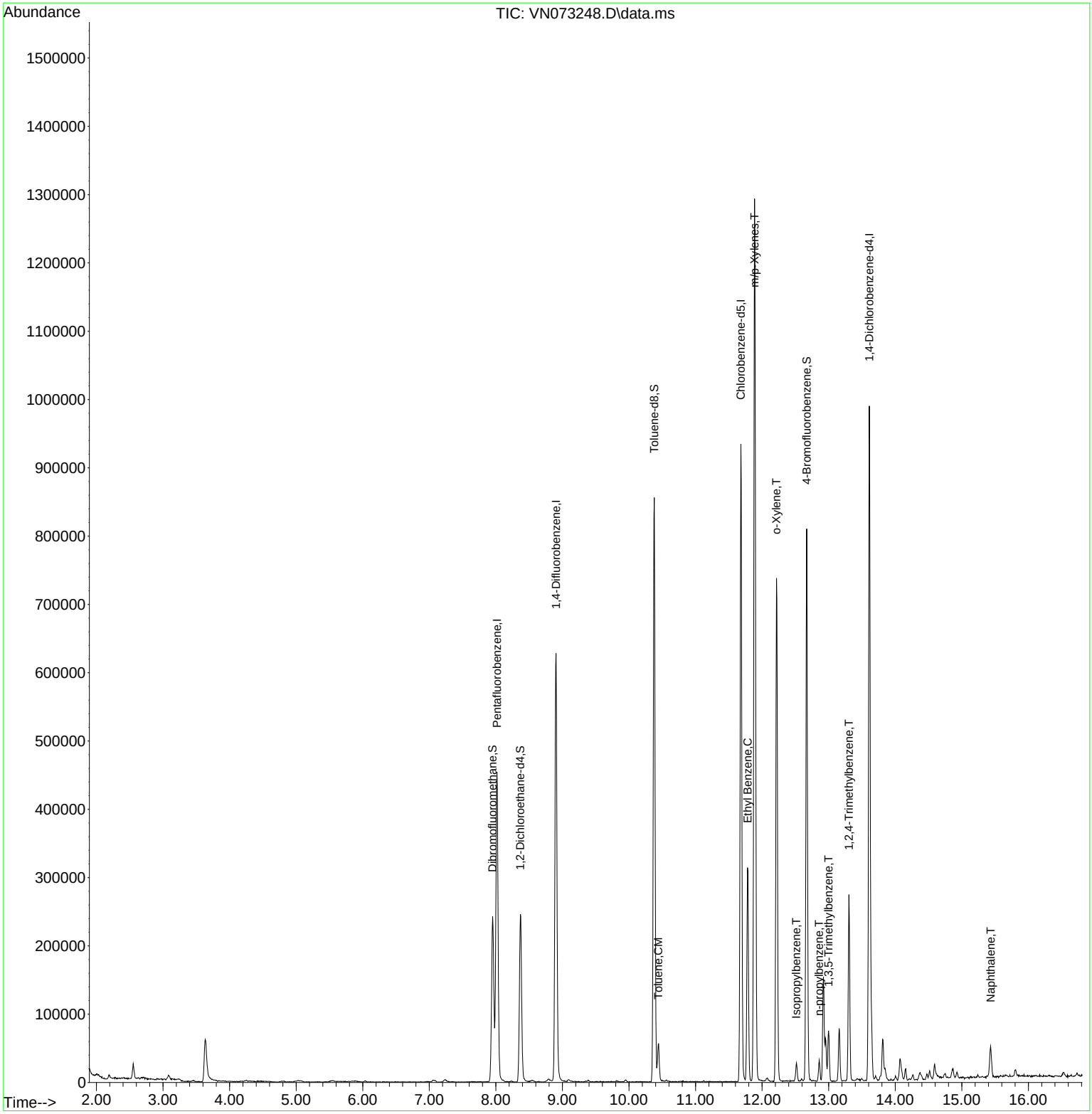
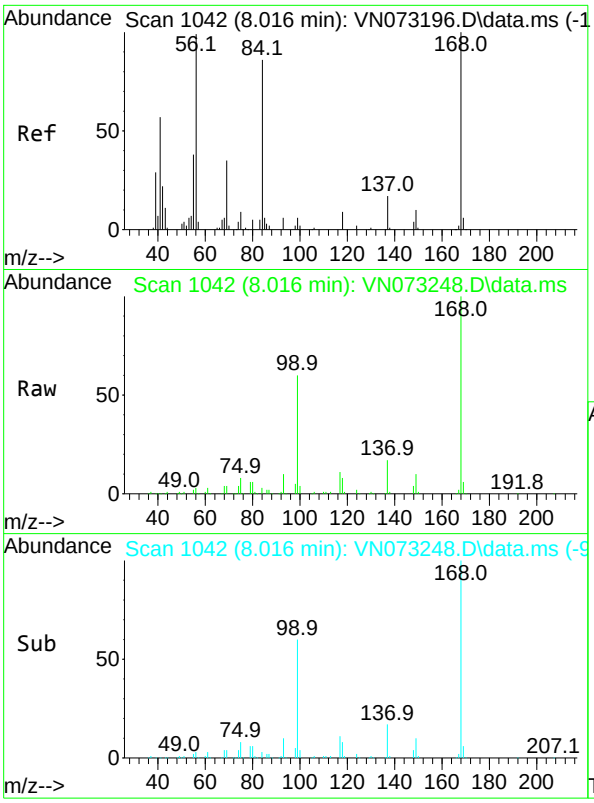


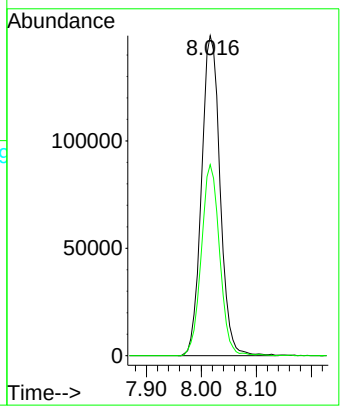


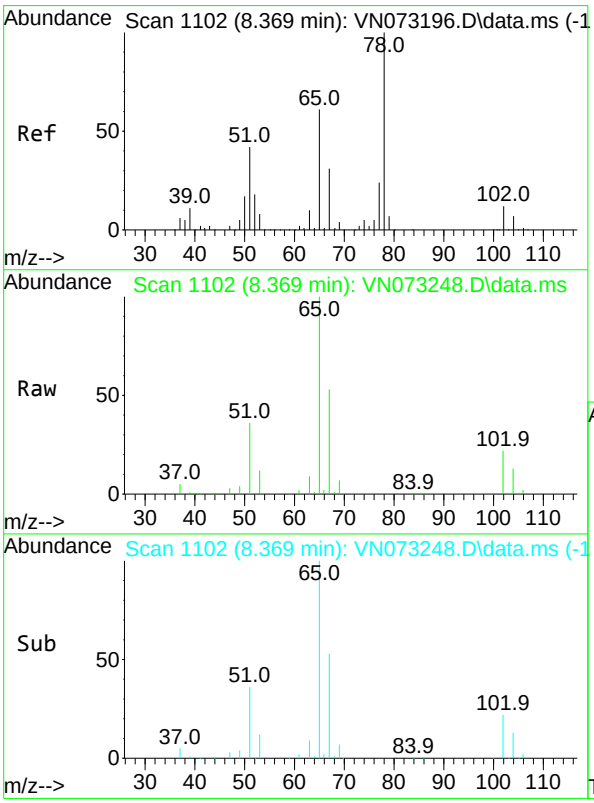
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:168 Resp: 349691

Ion	Ratio	Lower	Upper
168	100		
99	59.7	42.3	63.5

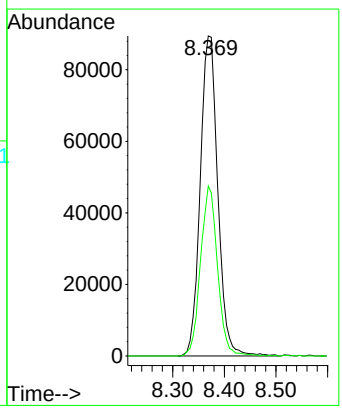


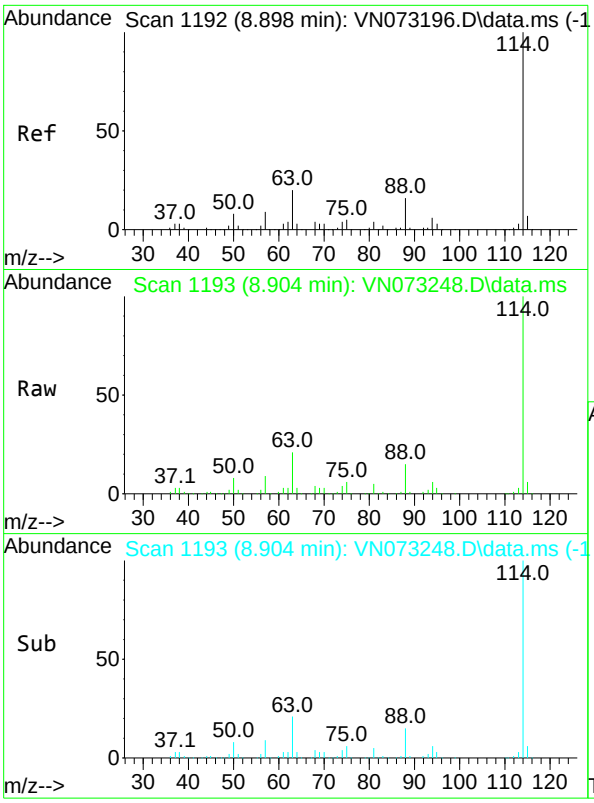


#33
1,2-Dichloroethane-d4
Concen: 41.770 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 65 Resp: 210863

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.8



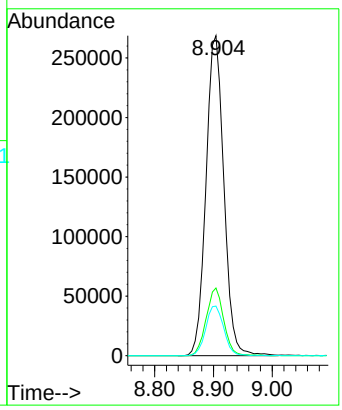


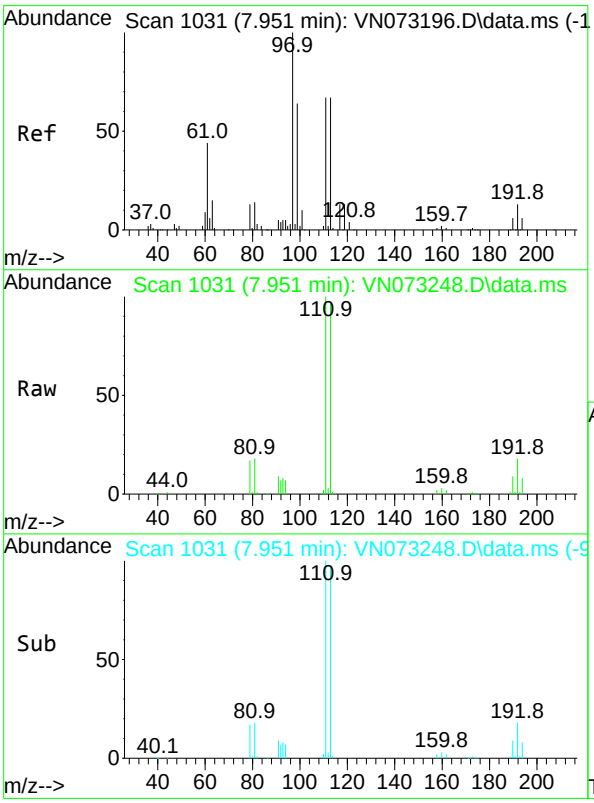
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:114 Resp: 567536

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	15.5	0.0	32.6

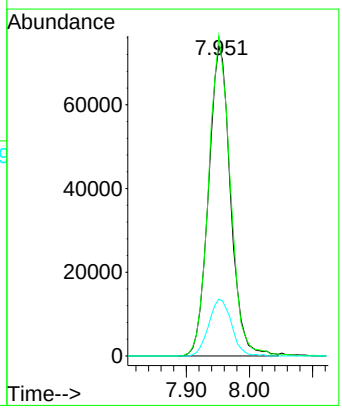


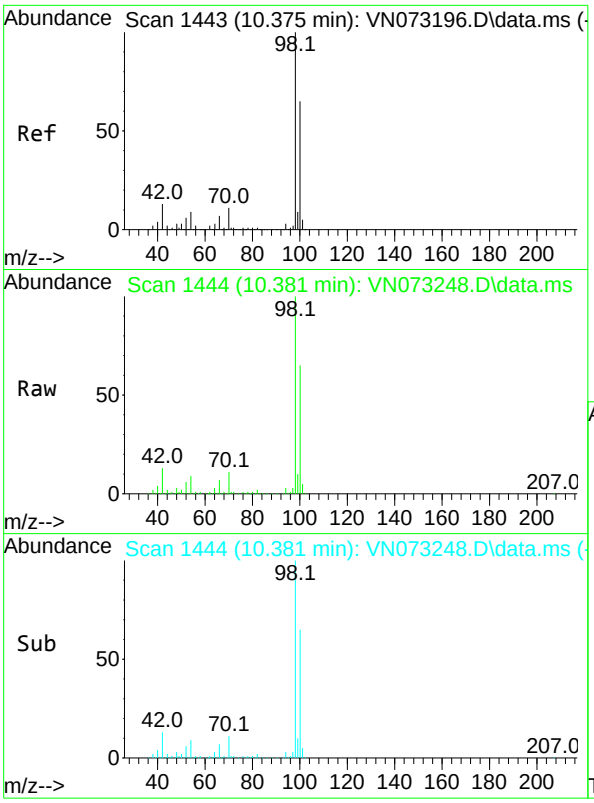


#35
Dibromofluoromethane
Concen: 47.386 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion:113 Resp: 178926

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.0	17.0	25.6



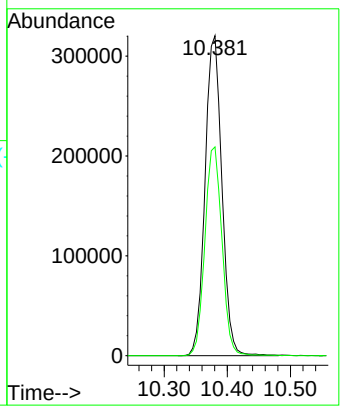


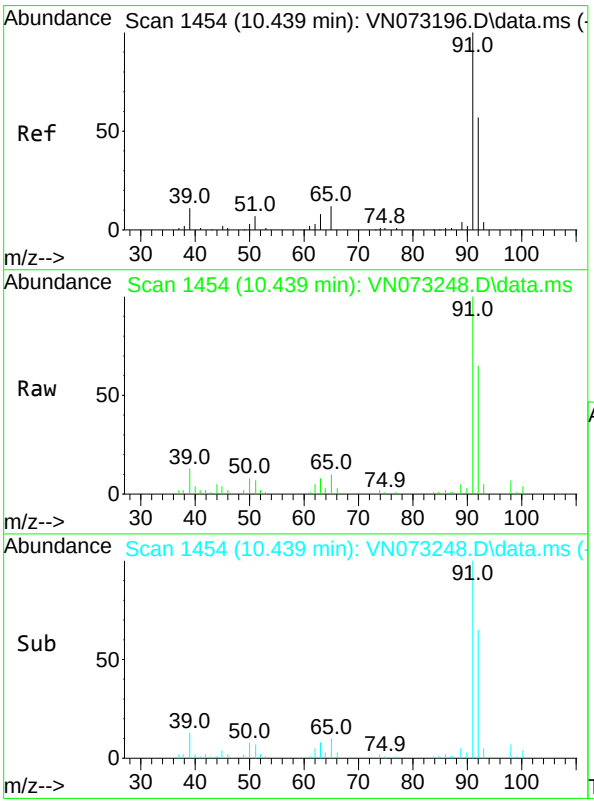
#50
Toluene-d8
Concen: 44.299 ug/l
RT: 10.381 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion: 98 Resp: 594086

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8

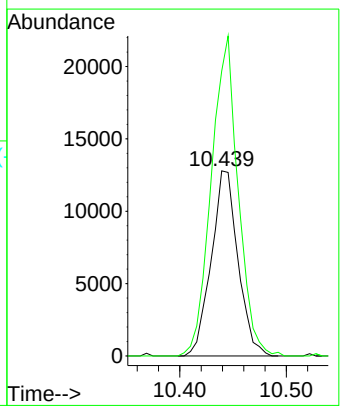


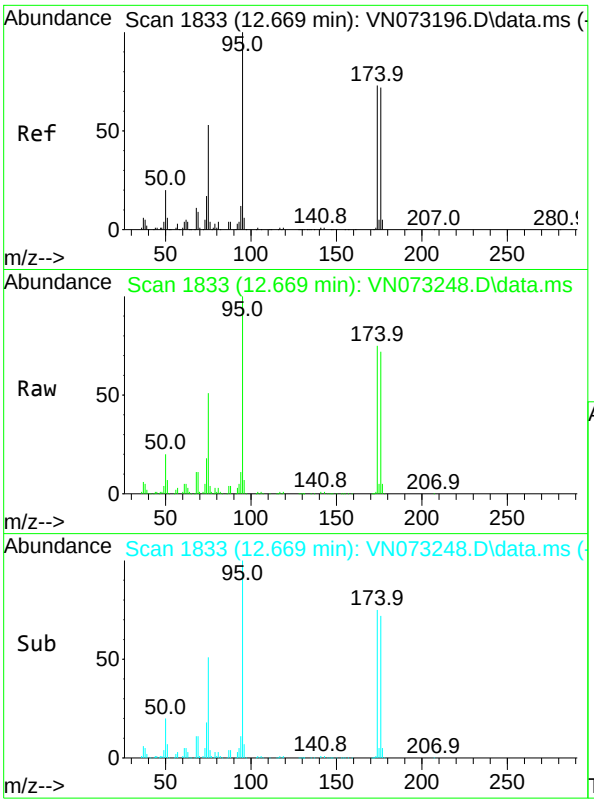


#52
Toluene
Concen: 2.009 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 92 Resp: 22261

Ion	Ratio	Lower	Upper
92	100		
91	173.8	138.6	207.8



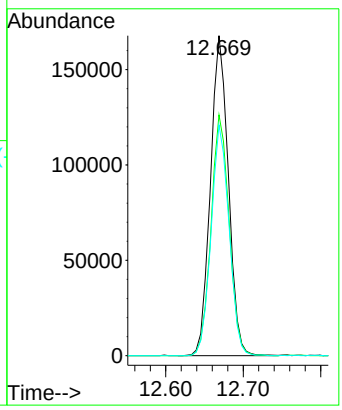


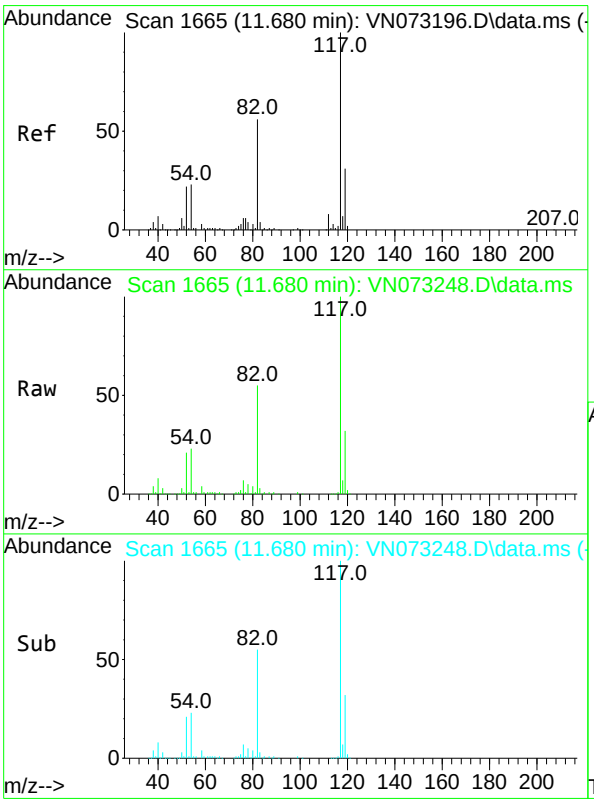
#62
4-Bromofluorobenzene
Concen: 52.326 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion: 95 Resp: 269671

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	167.6
176	72.1	0.0	163.4

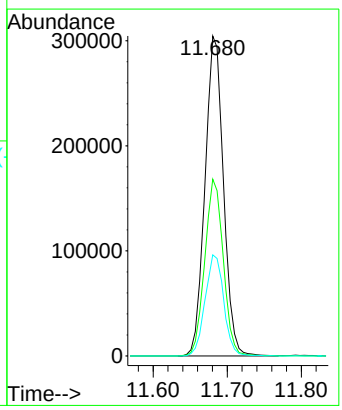


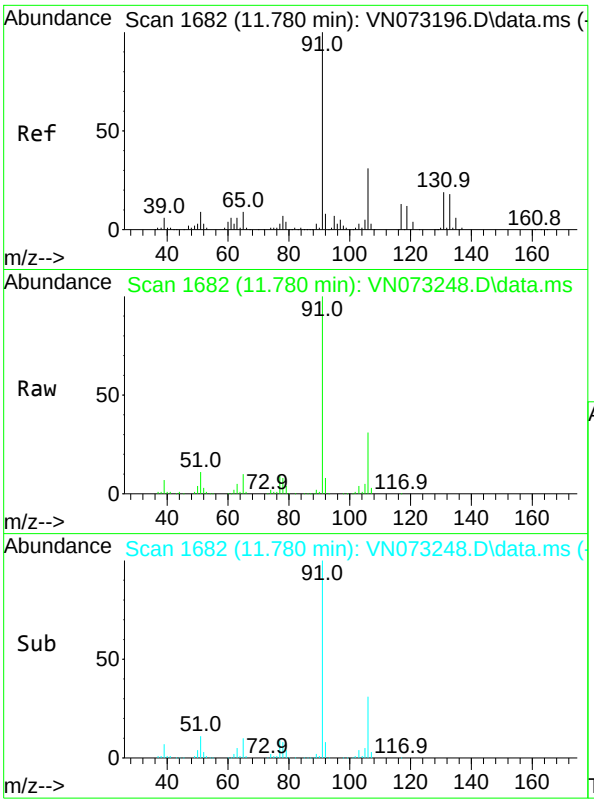


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion:117 Resp: 527693

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	31.6	25.4	38.0



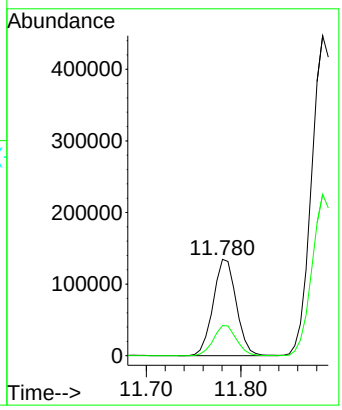


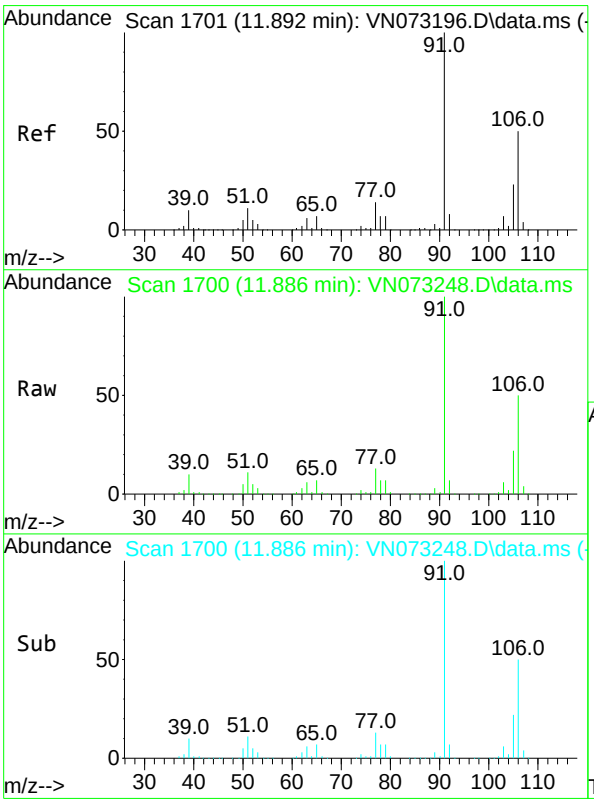
#67
Ethyl Benzene
Concen: 10.546 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 228495

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.9	37.3

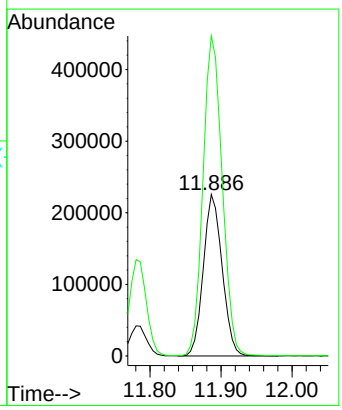


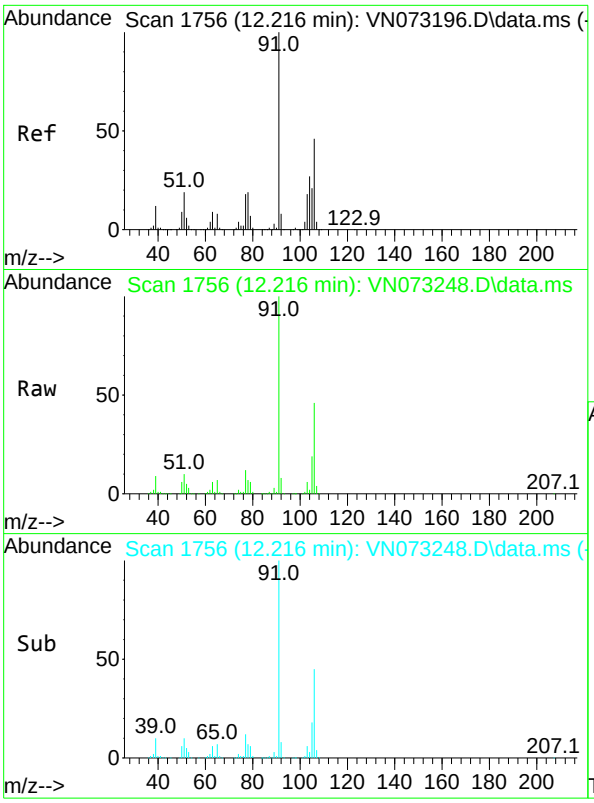


#68
m/p-Xylenes
Concen: 50.729 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion:106 Resp: 414810

Ion	Ratio	Lower	Upper
106	100		
91	202.6	158.9	238.3



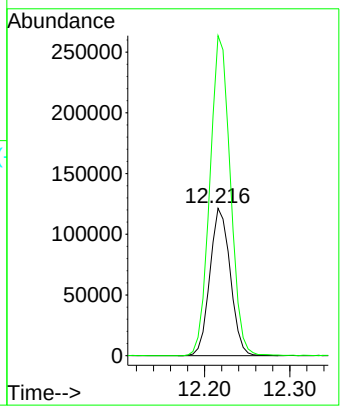


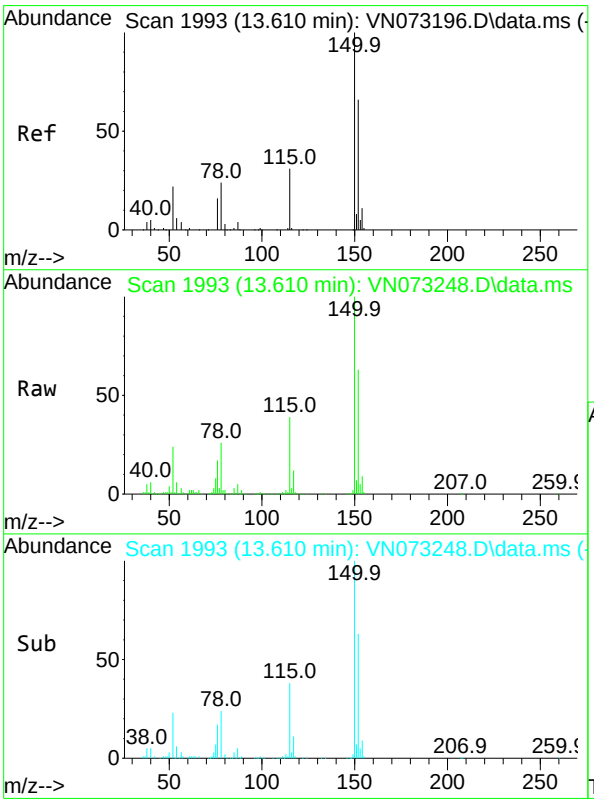
#69
o-Xylene
Concen: 24.151 ug/l
RT: 12.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:106 Resp: 201598

Ion	Ratio	Lower	Upper
106	100		
91	218.5	106.0	318.0

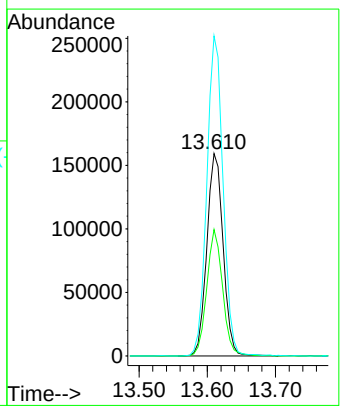


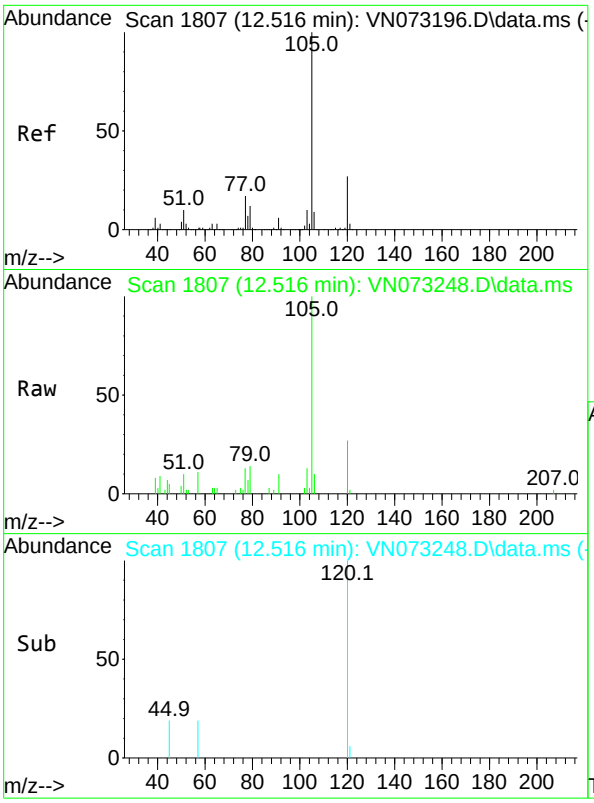


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion:152 Resp: 264916

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.9	86.7
150	157.5	0.0	356.2



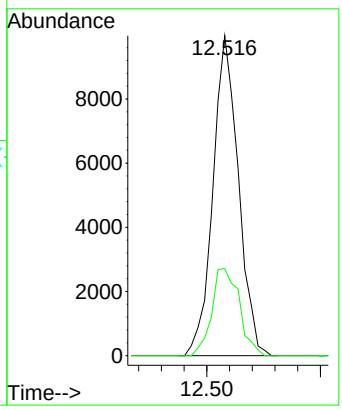


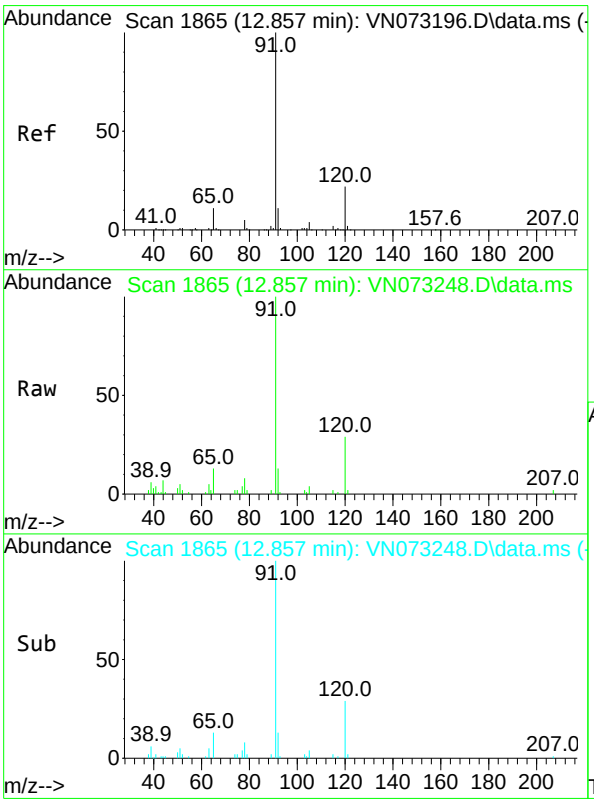
#73
Isopropylbenzene
Concen: 0.678 ug/l
RT: 12.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:105 Resp: 15520

Ion	Ratio	Lower	Upper
105	100		
120	29.5	13.5	40.4

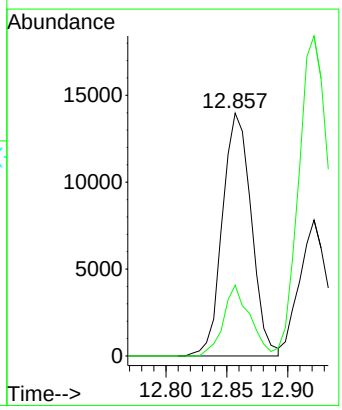


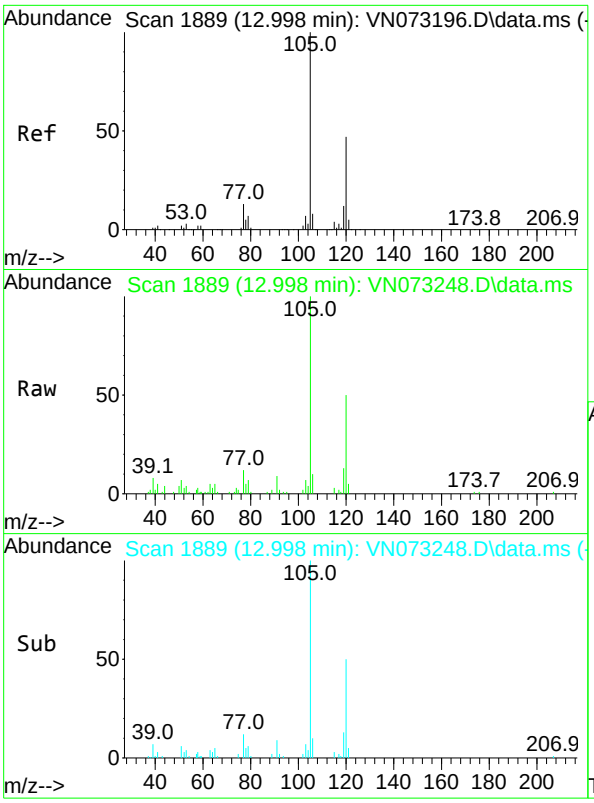


#78
n-propylbenzene
Concen: 0.910 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 91 Resp: 23130

Ion	Ratio	Lower	Upper
91	100		
120	26.7	11.9	35.5



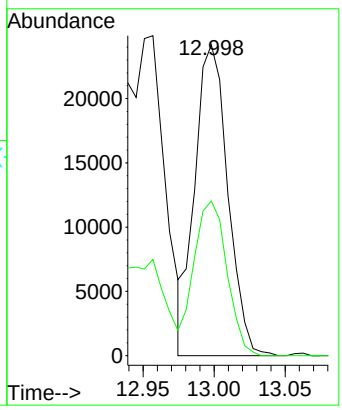


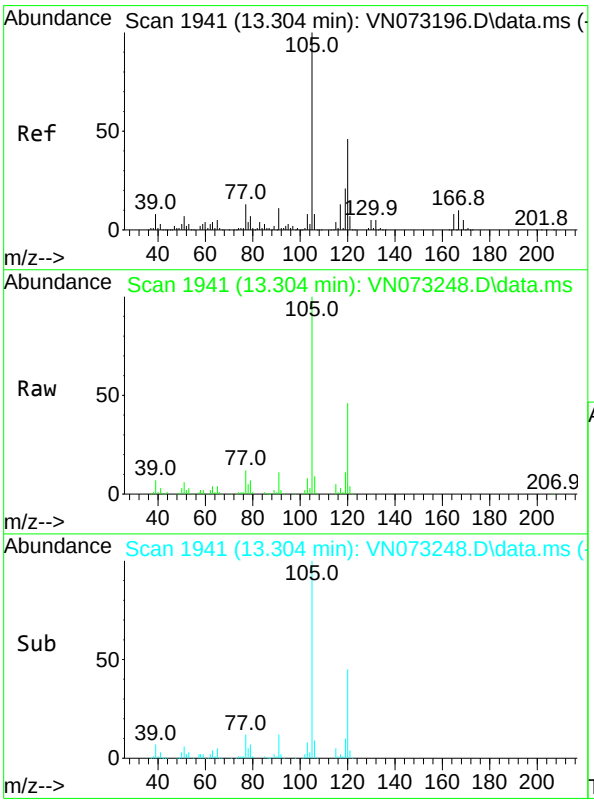
#80
1,3,5-Trimethylbenzene
Concen: 2.095 ug/l
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:105 Resp: 39062

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.7

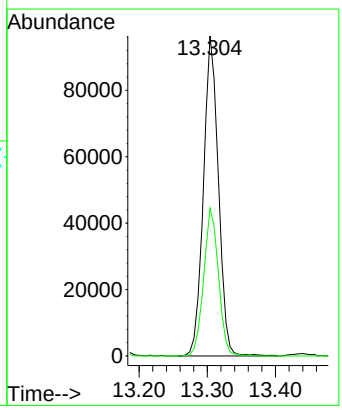


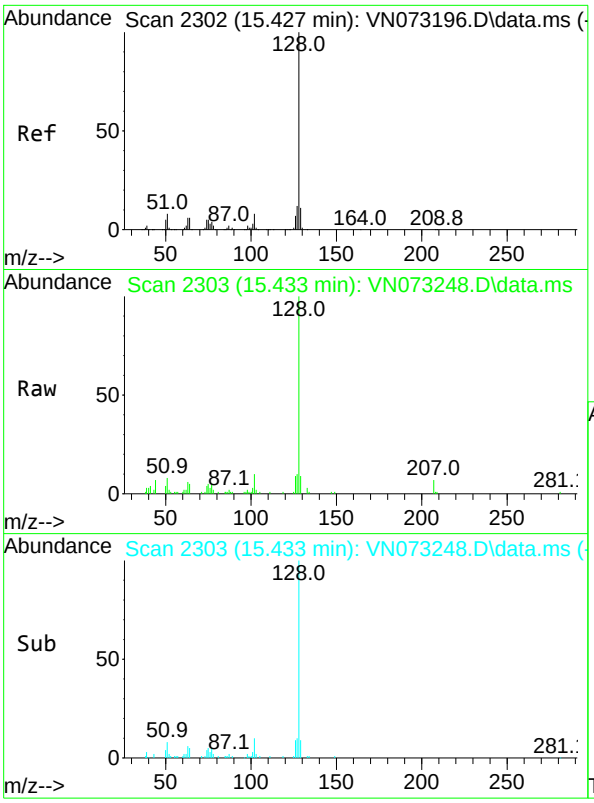


#84
1,2,4-Trimethylbenzene
Concen: 7.926 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Tgt Ion:105 Resp: 147553

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.3	69.8





#95
Naphthalene
Concen: 1.894 ug/l
RT: 15.433 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN073248.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:128 Resp: 38666

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.1	8.6	13.0