Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
Data File : VN073689.D
Acq On : 02 Aug 2022 16:01
Operator : JC\MD
Sample : N3971-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Quant Time: Aug 03 02:07:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

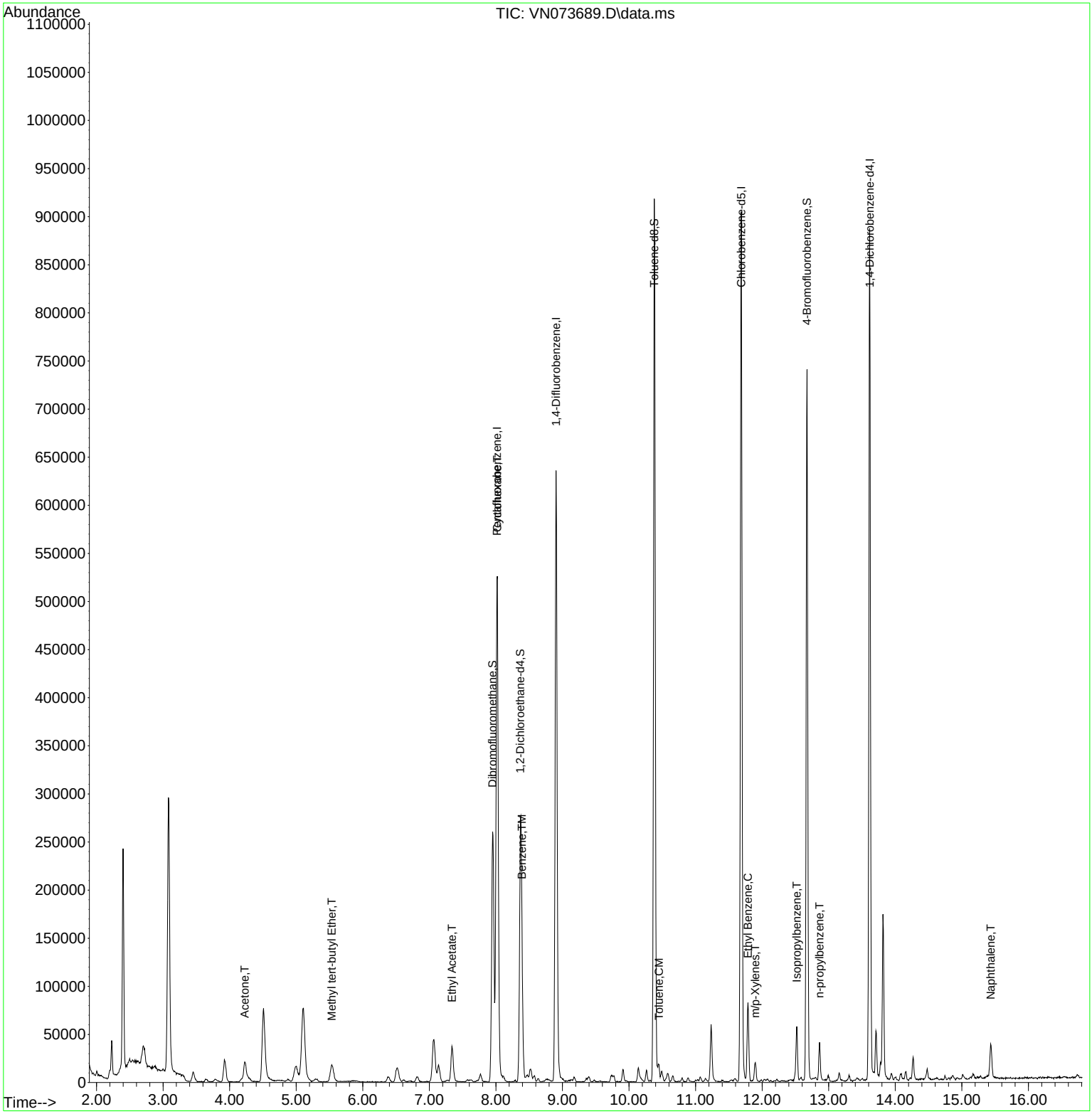
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	364748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	572090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	539462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	246833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210659	47.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.780%			
35) Dibromofluoromethane	7.951	113	197306	54.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.840%			
50) Toluene-d8	10.380	98	655364	46.360	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.720%			
62) 4-Bromofluorobenzene	12.674	95	242912	51.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds						Qvalue
16) Acetone	4.228	43	41119	17.223	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	23293	1.970	ug/l #	84
31) Cyclohexane	8.022	56	50393	7.615	ug/l #	82
37) Ethyl Acetate	7.339	43	53746	7.971	ug/l	99
40) Benzene	8.392	78	62605	3.765	ug/l	99
52) Toluene	10.451	92	6533	0.643	ug/l	97
67) Ethyl Benzene	11.786	91	58513	3.027	ug/l	97
68) m/p-Xylenes	11.898	106	6607	0.896	ug/l	95
73) Isopropylbenzene	12.521	105	35567	1.968	ug/l	99
78) n-propylbenzene	12.863	91	31102	1.530	ug/l	99
95) Naphthalene	15.433	128	41344	2.948	ug/l	99

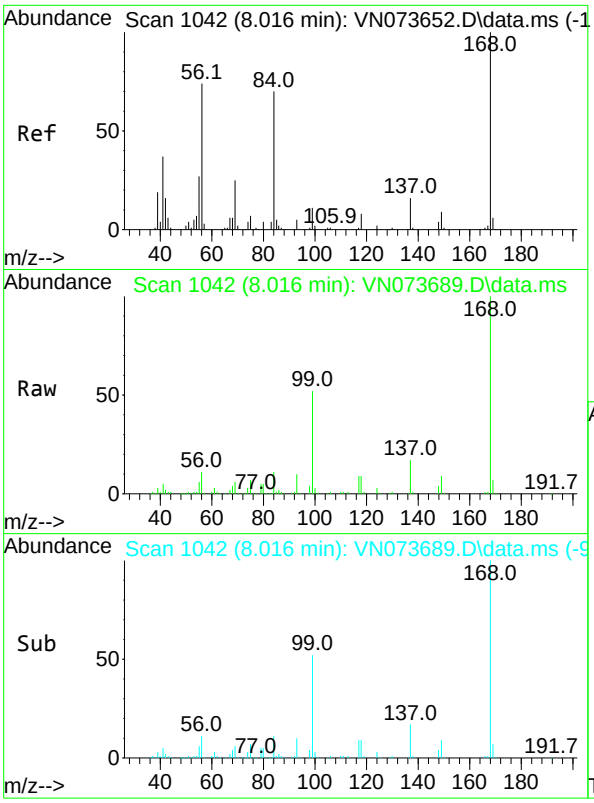
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
Data File : VN073689.D
Acq On : 02 Aug 2022 16:01
Operator : JC\MD
Sample : N3971-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Quant Time: Aug 03 02:07:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration



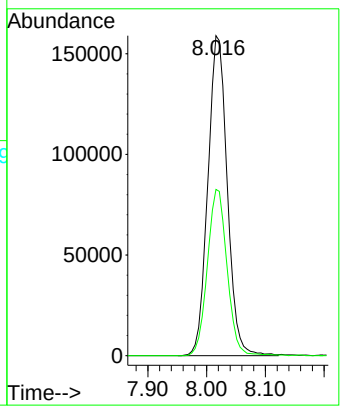


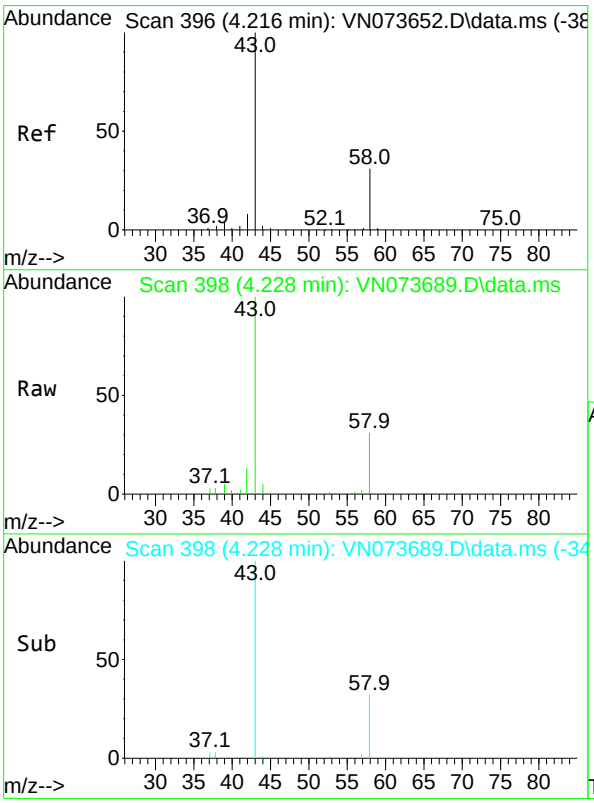
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:168 Resp: 364748

Ion	Ratio	Lower	Upper
168	100		
99	51.9	42.3	63.5

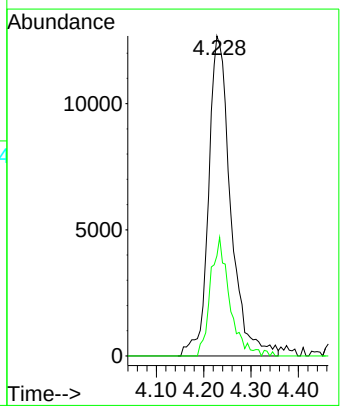


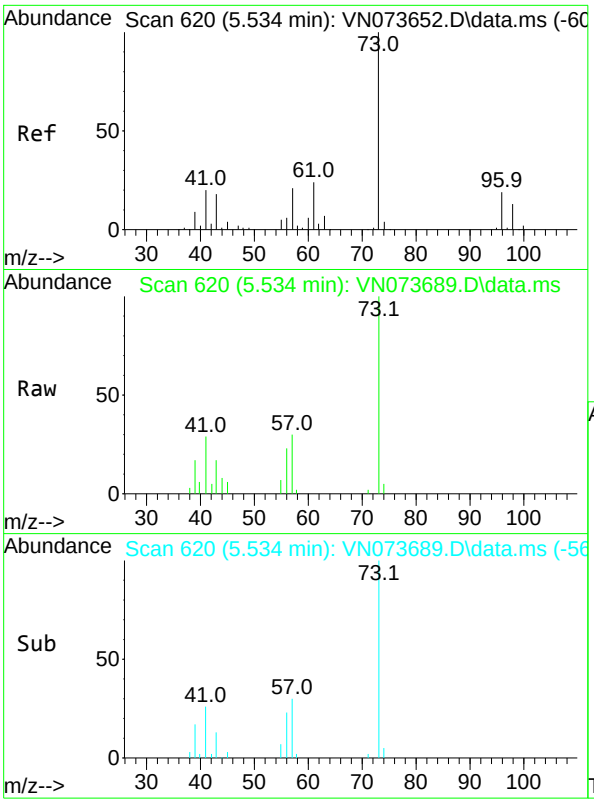


#16
Acetone
Concen: 17.223 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 43 Resp: 41119

Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.0	39.0



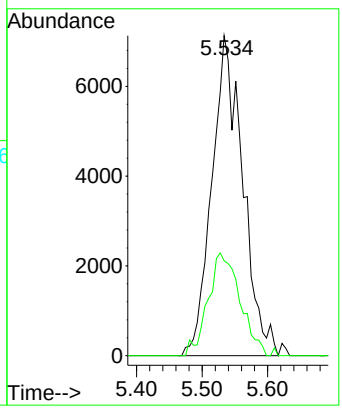


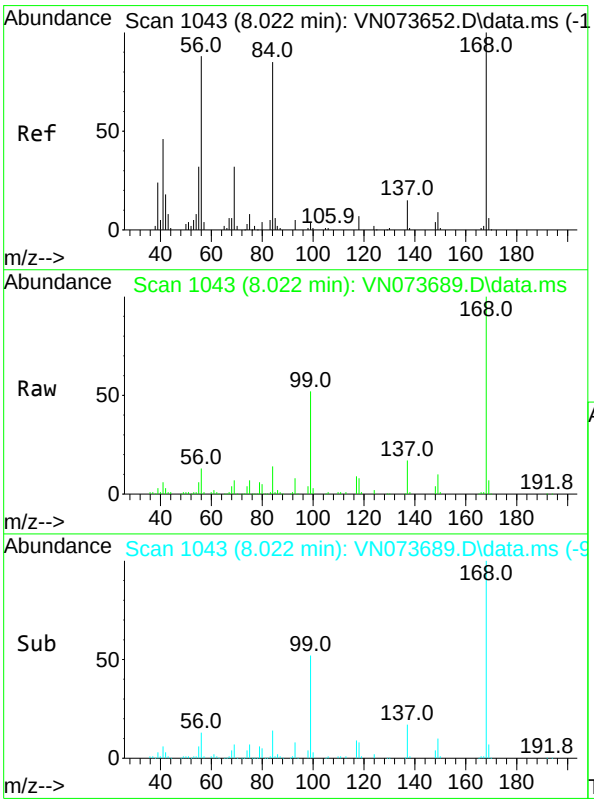
#19
Methyl tert-butyl Ether
Concen: 1.970 ug/l
RT: 5.534 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion: 73 Resp: 23293

Ion	Ratio	Lower	Upper
73	100		
57	29.7	17.6	26.4#

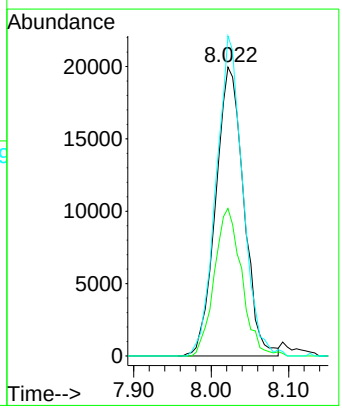


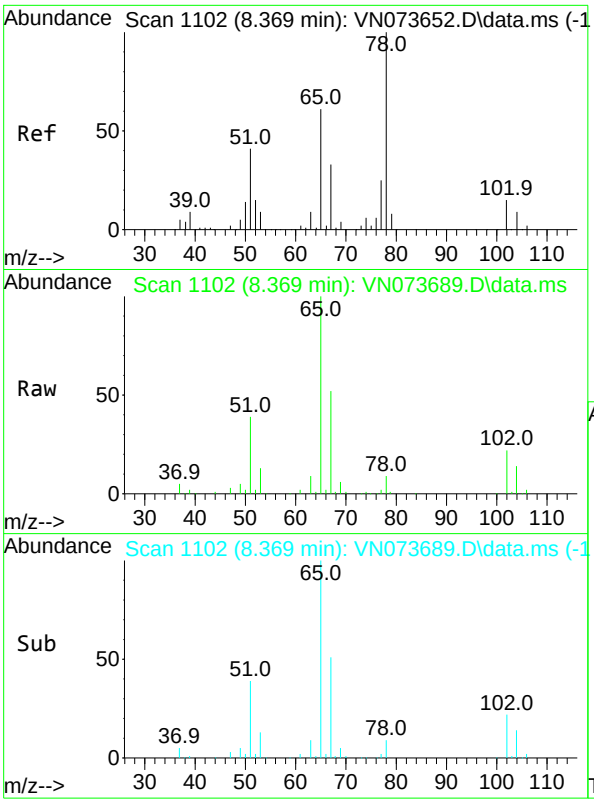


#31
Cyclohexane
Concen: 7.615 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 56 Resp: 50393

Ion	Ratio	Lower	Upper
56	100		
69	51.1	27.8	41.8#
84	110.8	76.9	115.3



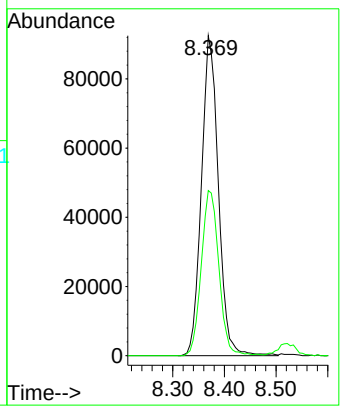


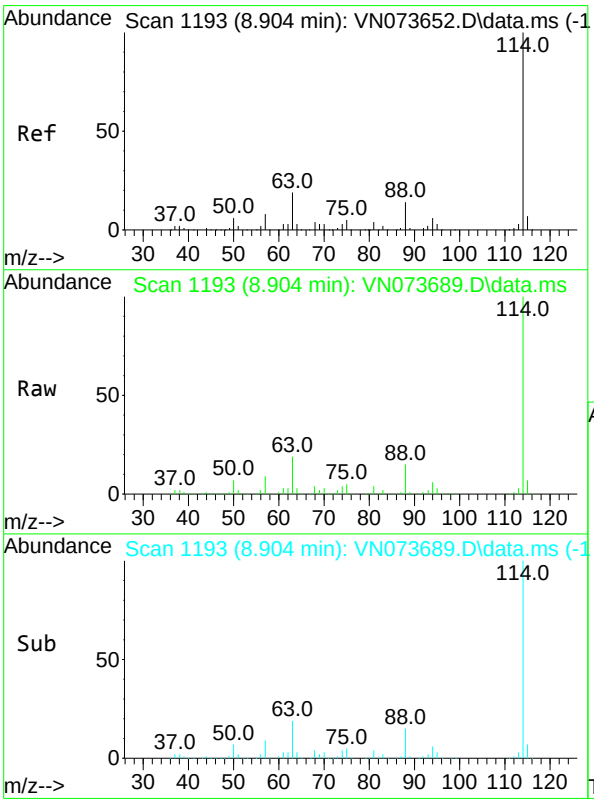
#33
1,2-Dichloroethane-d4
Concen: 47.392 ug/l
RT: 8.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion: 65 Resp: 210659

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.8

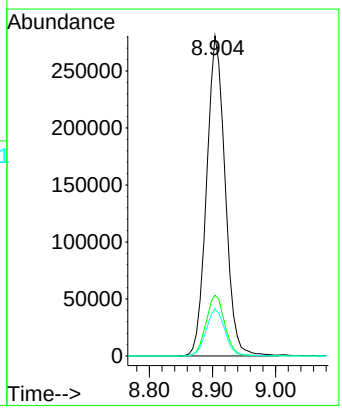


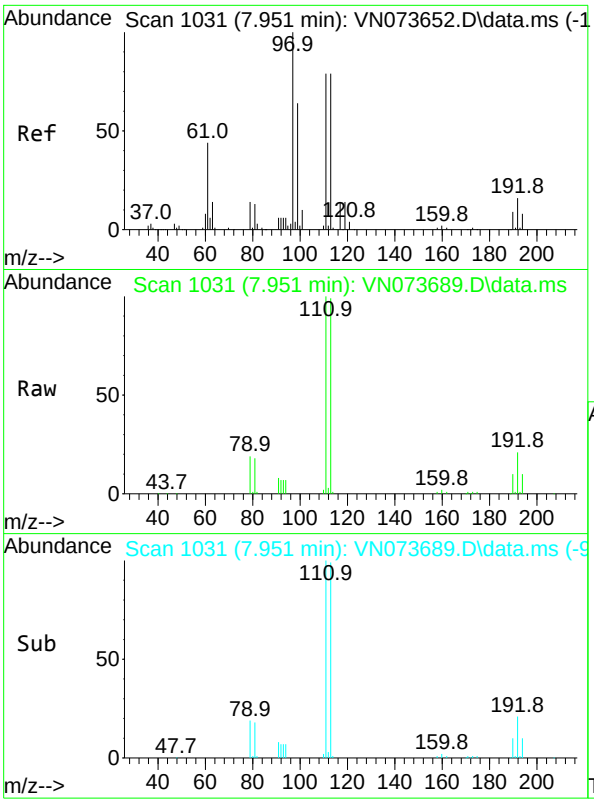


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion:114 Resp: 572090

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.0
88	14.8	0.0	32.6



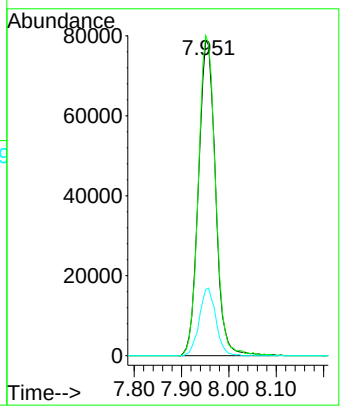


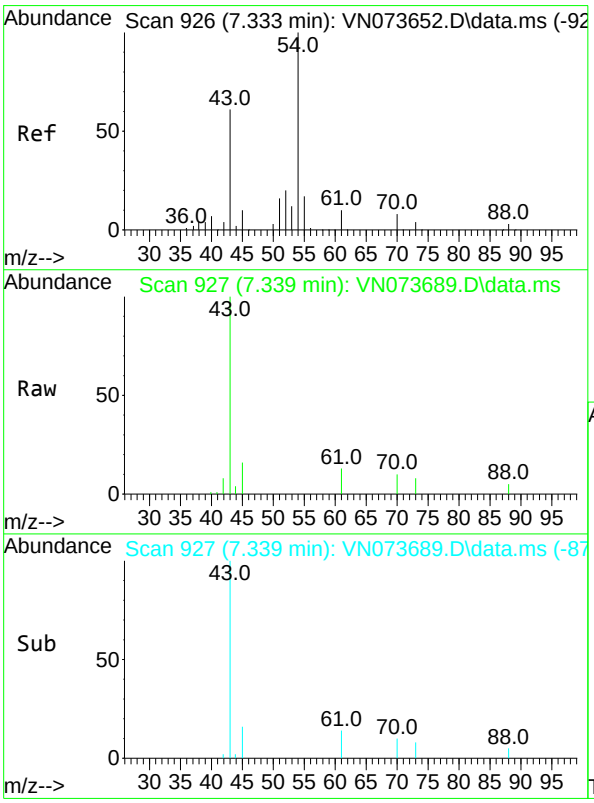
#35
Dibromofluoromethane
Concen: 54.924 ug/l
RT: 7.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:113 Resp: 197306

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	20.8	17.0	25.6

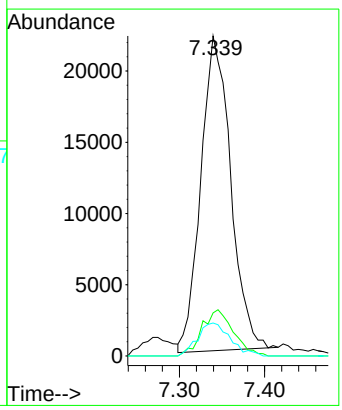


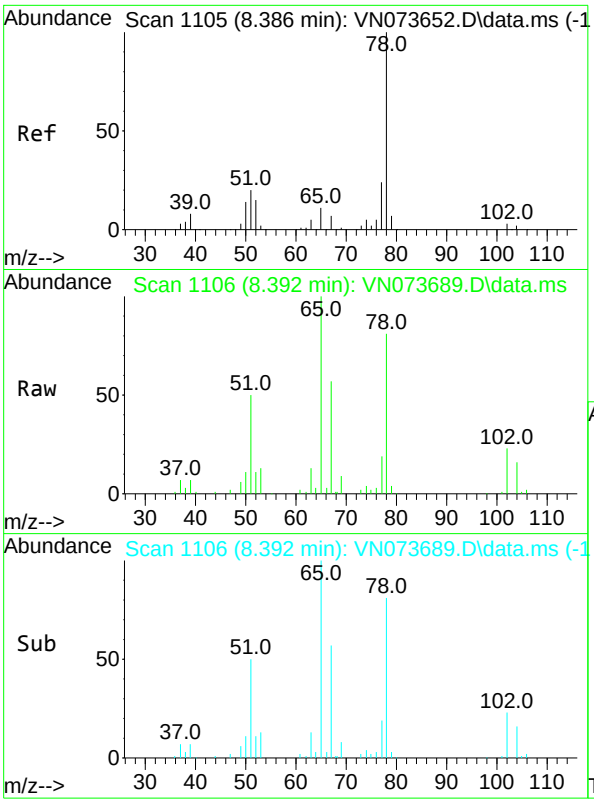


#37
Ethyl Acetate
Concen: 7.971 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 43 Resp: 53746

Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.8	17.6
70	11.5	9.3	13.9



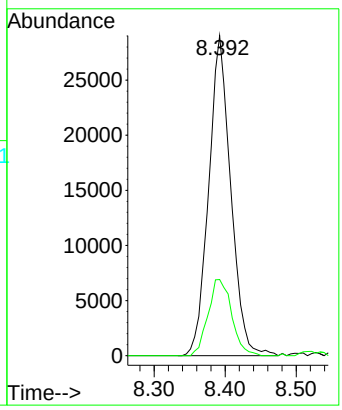


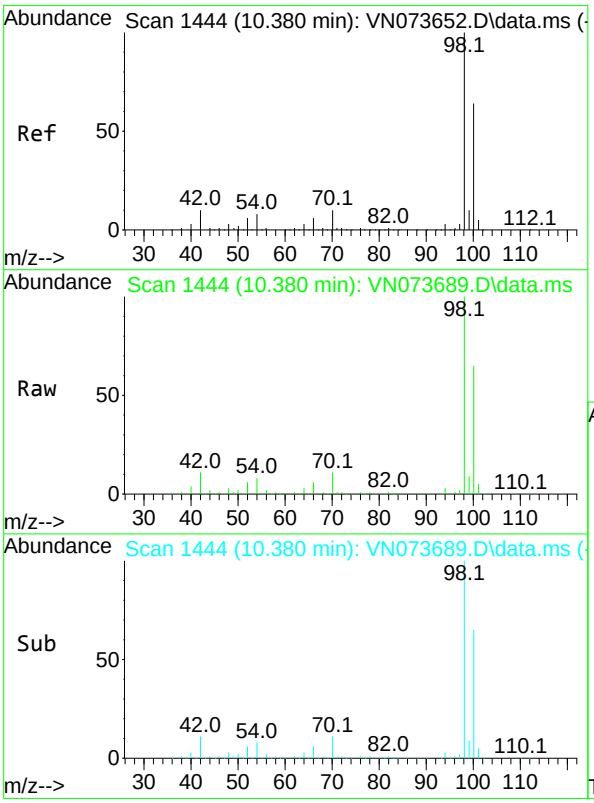
#40
Benzene
Concen: 3.765 ug/l
RT: 8.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion: 78 Resp: 62605

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0

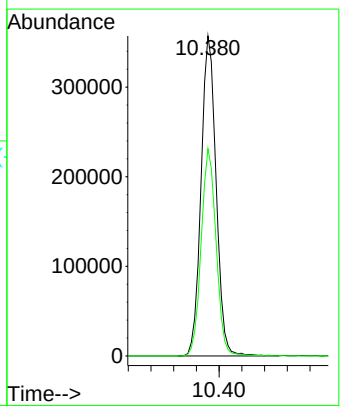


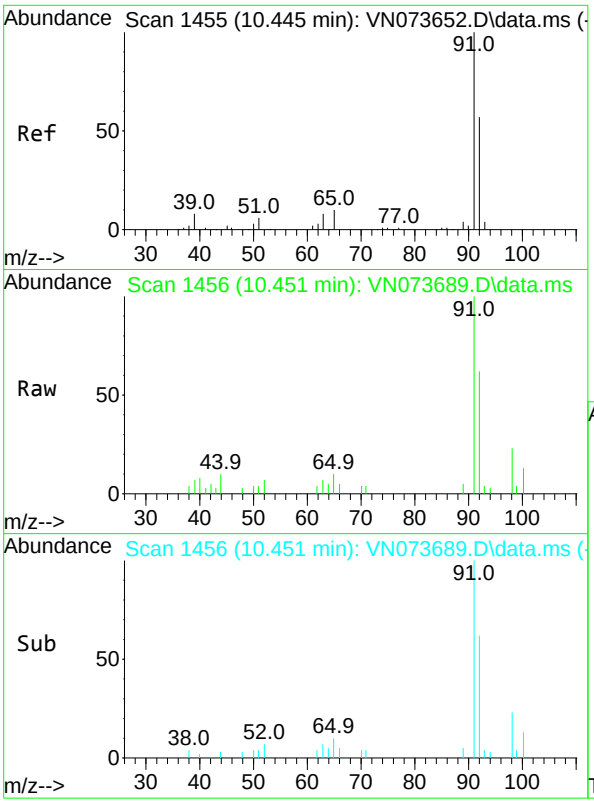


#50
Toluene-d8
Concen: 46.360 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 98 Resp: 655364

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	78.8



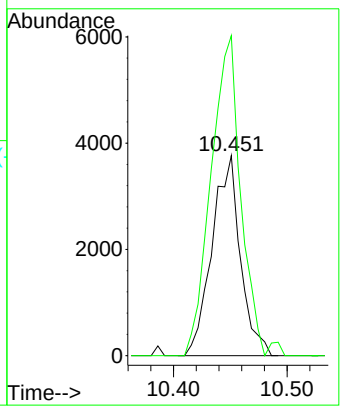


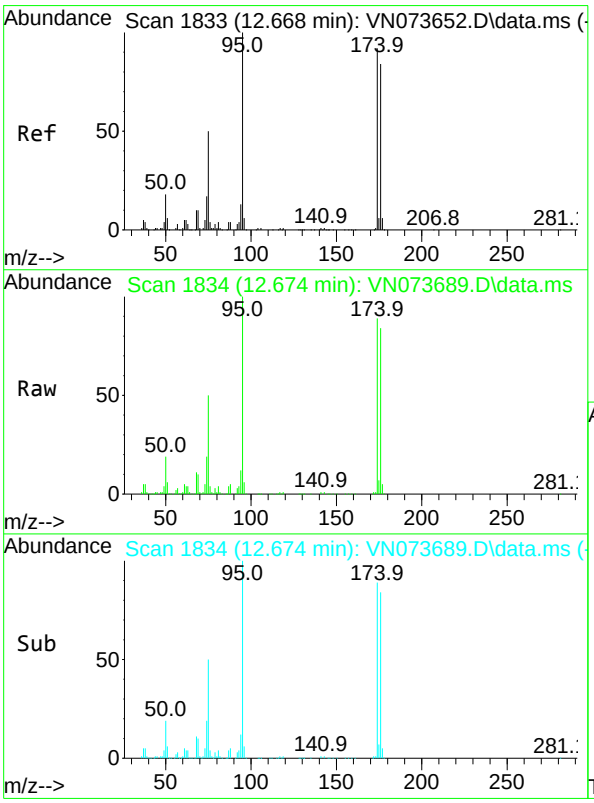
#52
Toluene
Concen: 0.643 ug/l
RT: 10.451 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion: 92 Resp: 6533

Ion	Ratio	Lower	Upper
92	100		
91	169.5	138.6	207.8

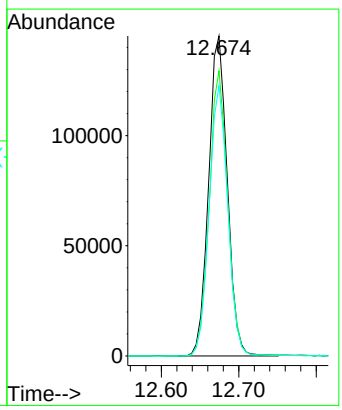


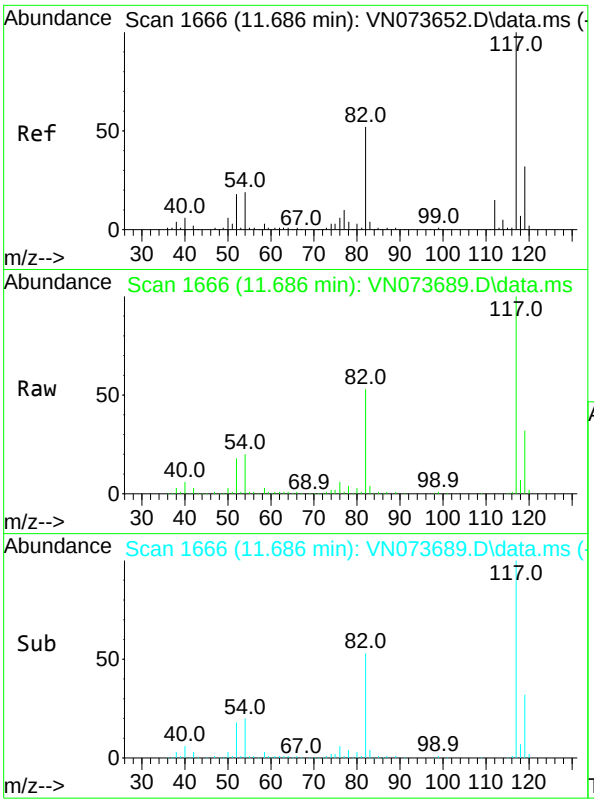


#62
4-Bromofluorobenzene
Concen: 51.195 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 95 Resp: 242912

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	167.6
176	83.9	0.0	163.4



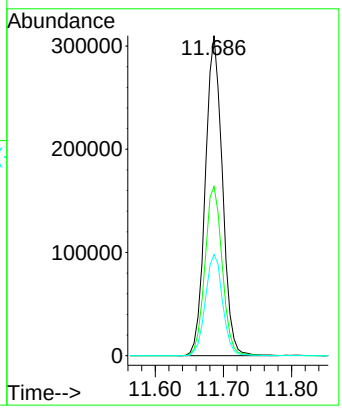


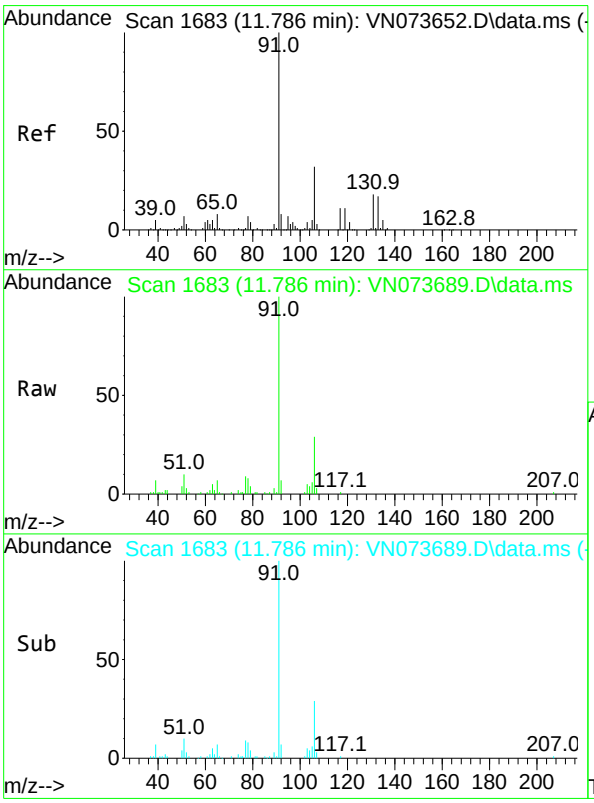
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:117 Resp: 539462

Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	31.6	25.4	38.0

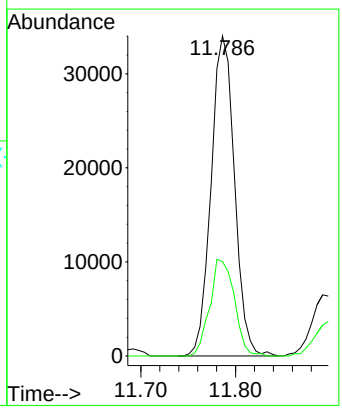


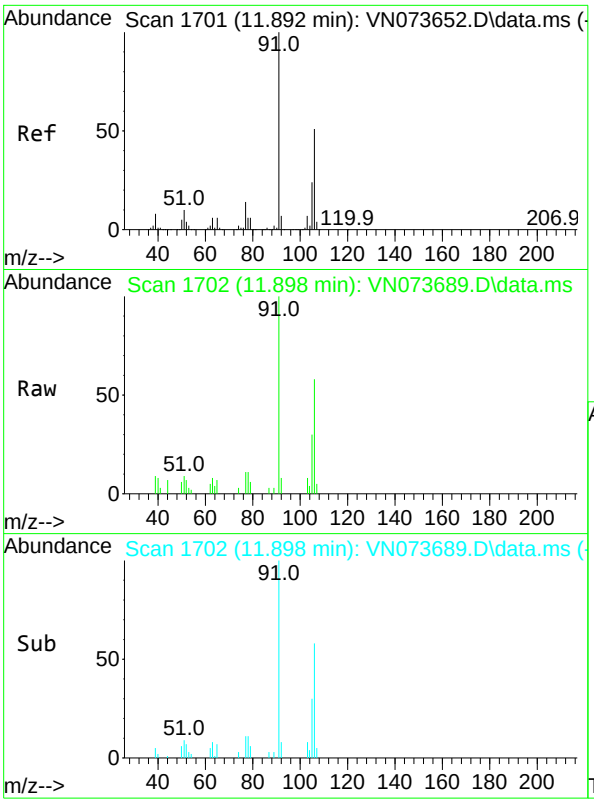


#67
Ethyl Benzene
Concen: 3.027 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 91 Resp: 58513

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.9	37.3



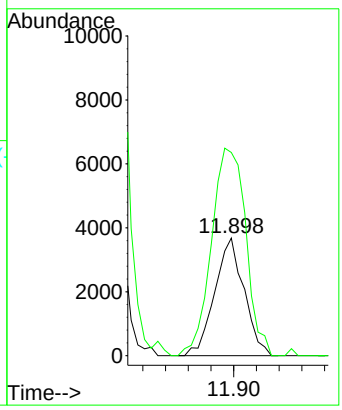


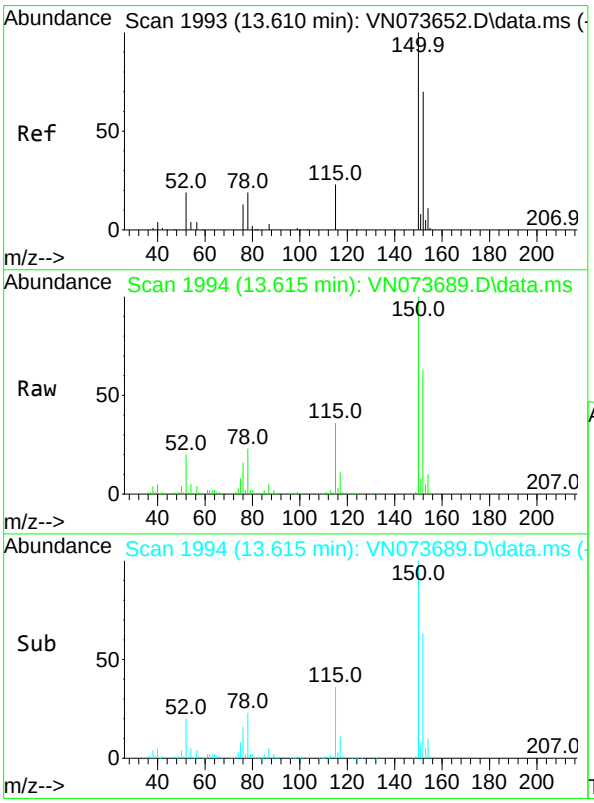
#68
m/p-Xylenes
Concen: 0.896 ug/l
RT: 11.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:106 Resp: 6607

Ion	Ratio	Lower	Upper
106	100		
91	206.5	158.9	238.3

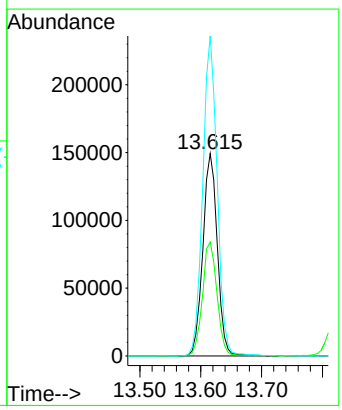


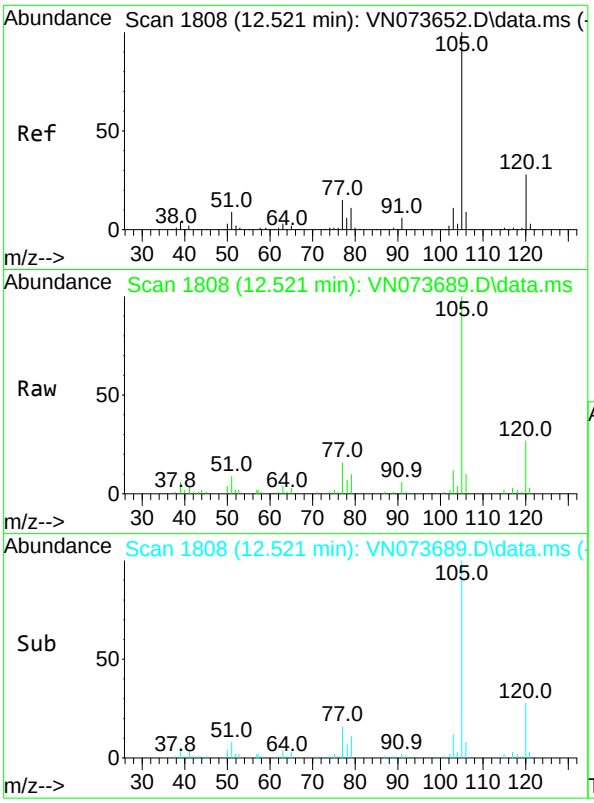


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion:152 Resp: 246833

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.9	86.7
150	156.9	0.0	356.2



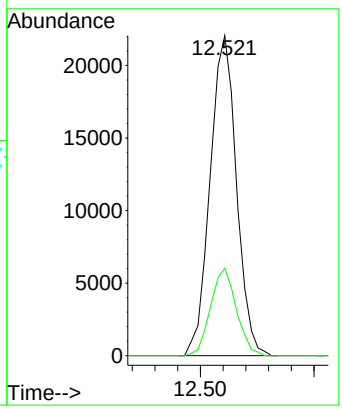


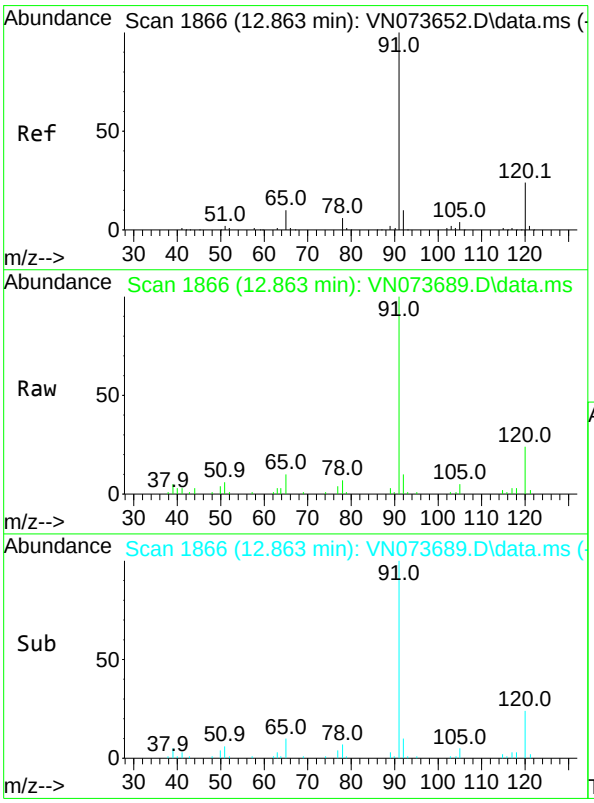
#73
Isopropylbenzene
Concen: 1.968 ug/l
RT: 12.521 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:105 Resp: 35567

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4

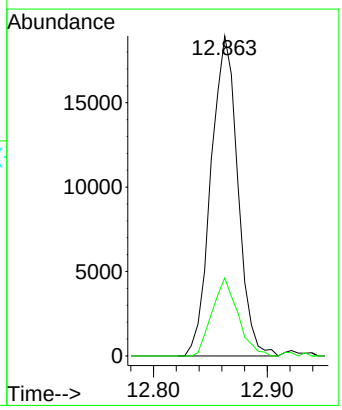


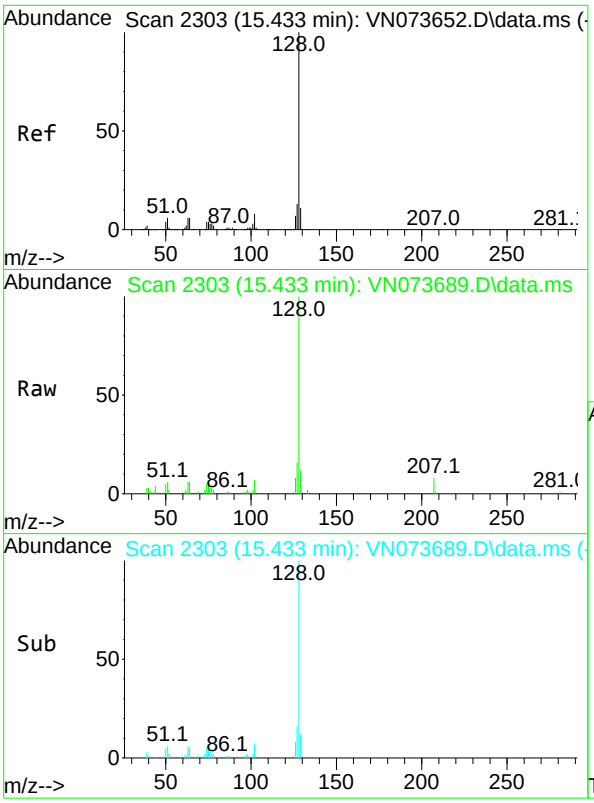


#78
n-propylbenzene
Concen: 1.530 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Tgt Ion: 91 Resp: 31102

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





#95
Naphthalene
Concen: 2.948 ug/l
RT: 15.433 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN073689.D
Acq: 02 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:128 Resp: 41344

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.2	8.6	13.0