Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071763.D
Acq On : 01 Apr 2022 19:20
Operator : JC\MD
Sample : N2090-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Quant Time: Apr 02 00:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.087	168	604005	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.969	114	1025368	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.739	117	1047651	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	380336	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.434	65	348045	50.47	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.94%				
35) Dibromofluoromethane	8.022	113	291914	48.38	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.76%				
50) Toluene-d8	10.439	98	1298450	52.61	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.22%				
62) 4-Bromofluorobenzene	12.727	95	434347	54.41	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.82%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.375	59	6679	5.97	ug/l	#	72
16) Acetone	4.293	43	12966	4.40	ug/l		94
19) Methyl tert-butyl Ether	5.610	73	35987	1.94	ug/l	#	64
31) Cyclohexane	8.087	56	20755	2.21	ug/l	#	52
39) Methylcyclohexane	9.463	83	12679	1.26	ug/l	#	81
68) m/p-Xylenes	11.945	106	5982	0.44	ug/l		92
73) Isopropylbenzene	12.575	105	34561	1.08	ug/l		98
78) n-propylbenzene	12.916	91	24510	0.73	ug/l		97
85) sec-Butylbenzene	13.498	105	15014	0.50	ug/l	#	62

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

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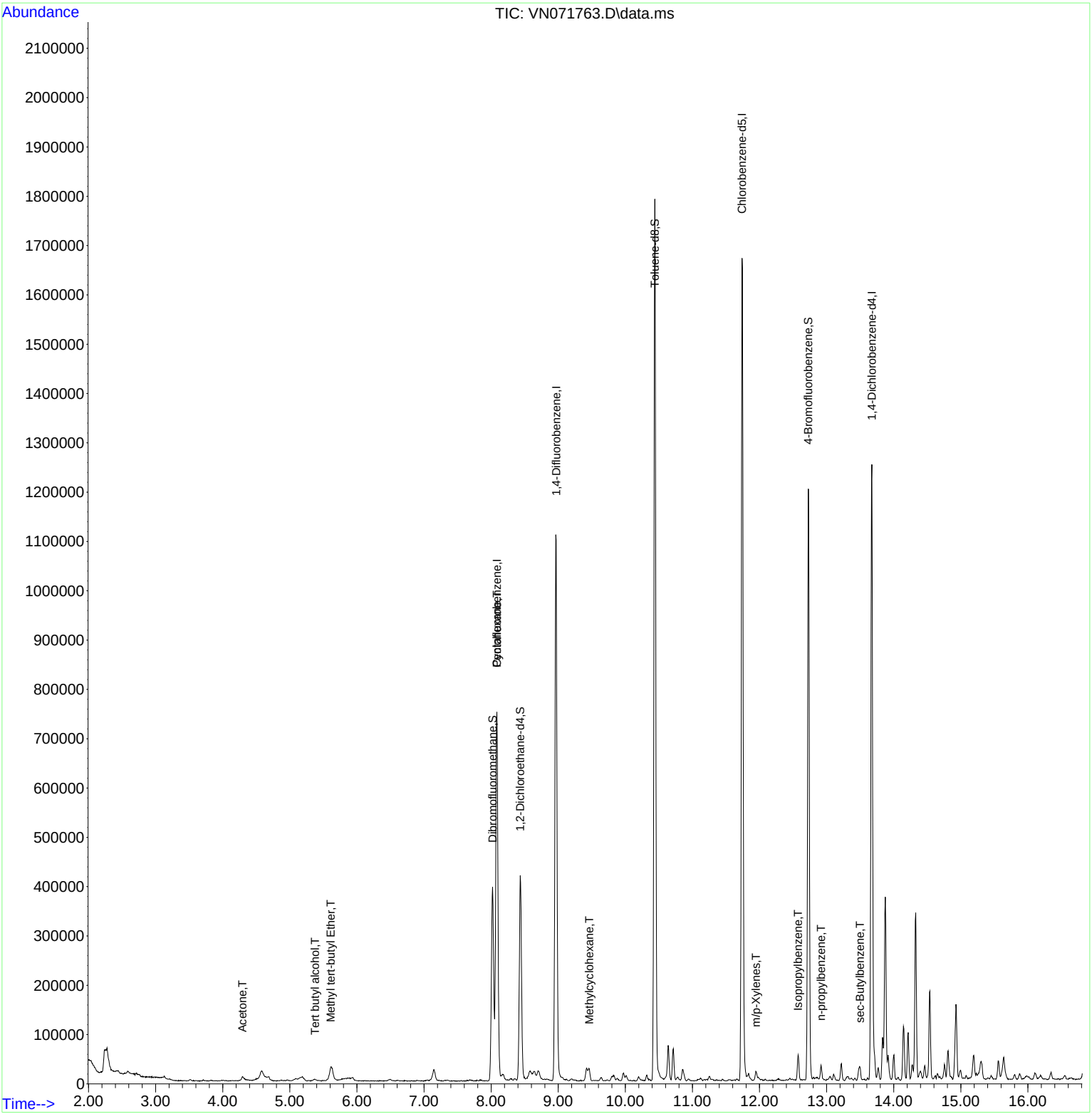
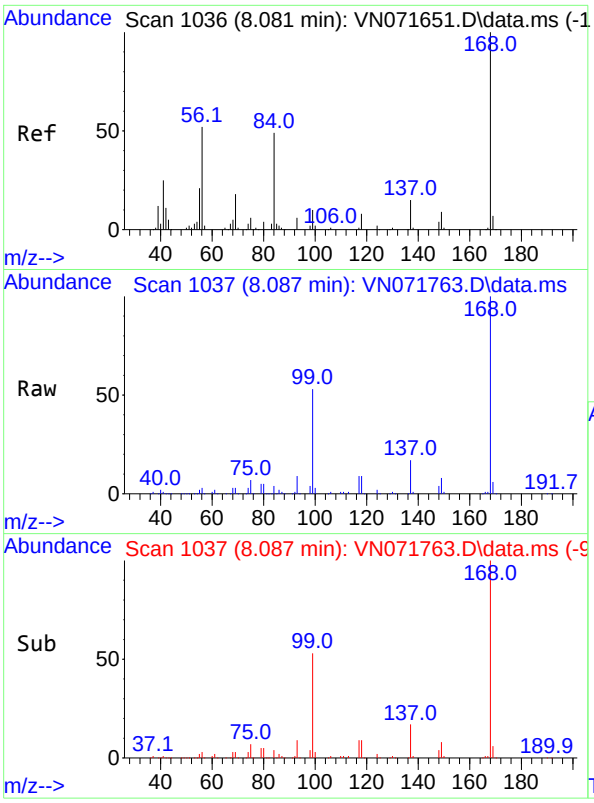
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



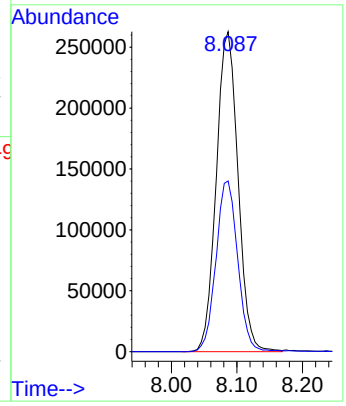


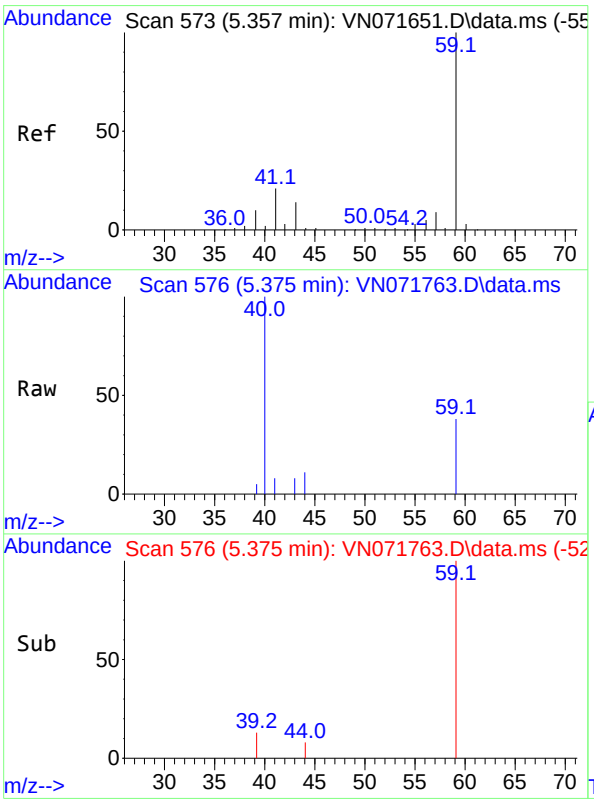
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion:168 Resp: 604005

Ion	Ratio	Lower	Upper
168	100		
99	53.3	42.3	63.5

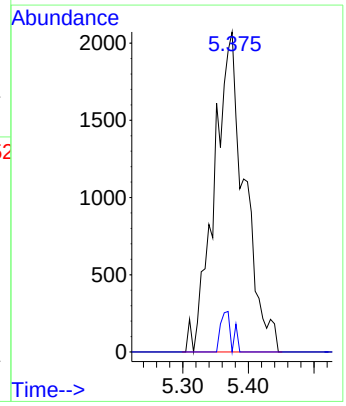


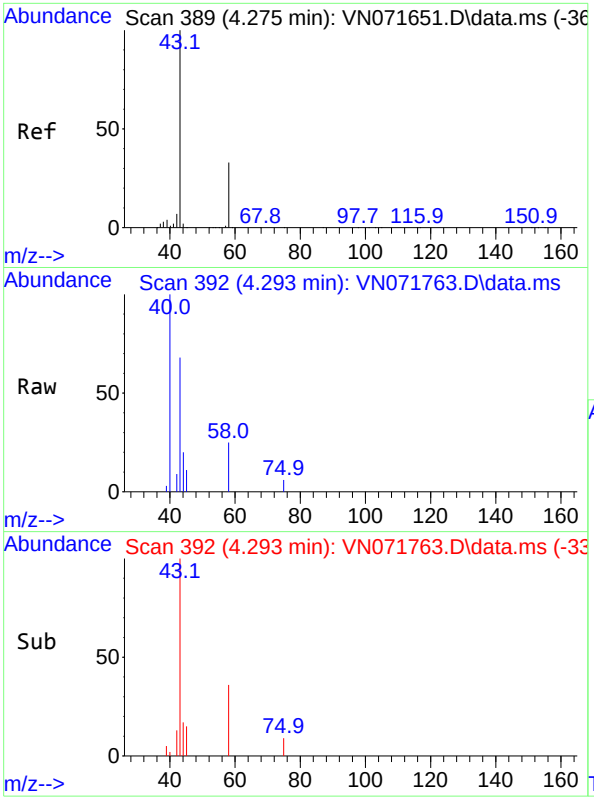


#11
Tert butyl alcohol
Concen: 5.97 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.018 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion: 59 Resp: 6679

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



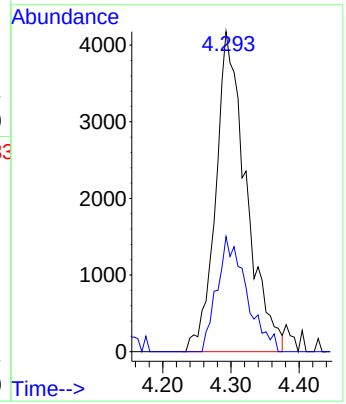


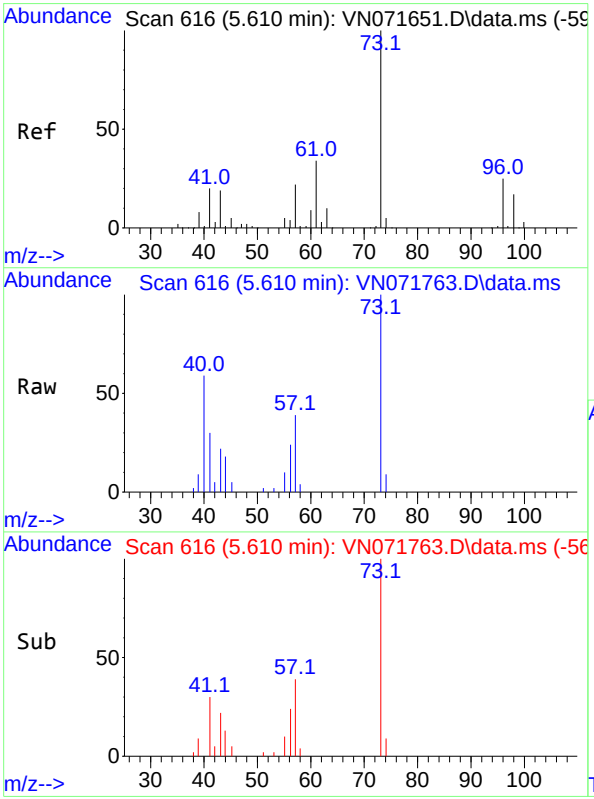
#16
Acetone
Concen: 4.40 ug/l
RT: 4.293 min Scan# 3
Delta R.T. 0.018 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion: 43 Resp: 12966

Ion	Ratio	Lower	Upper
43	100		
58	36.0	26.0	39.0

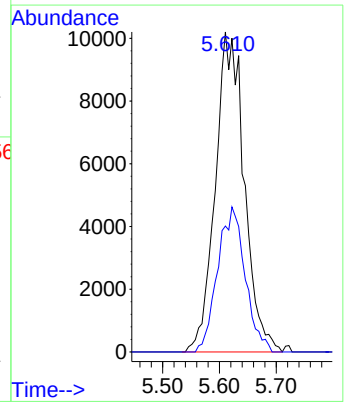


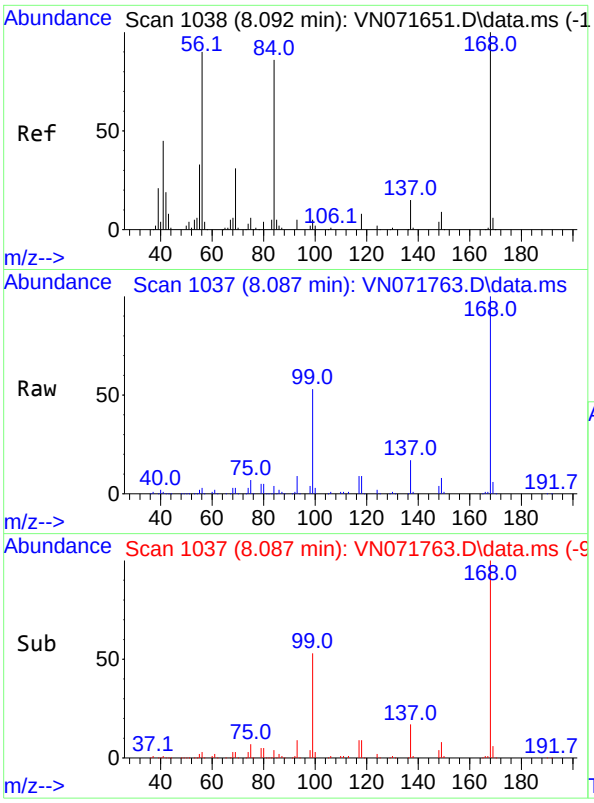


#19
Methyl tert-butyl Ether
Concen: 1.94 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion: 73 Resp: 35987

Ion	Ratio	Lower	Upper
73	100		
57	39.3	17.6	26.4#



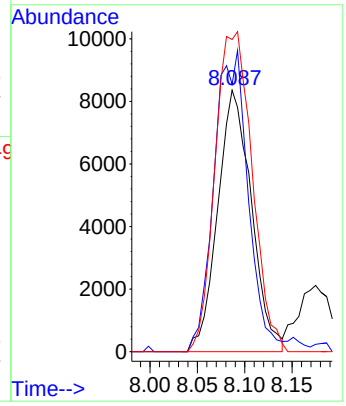


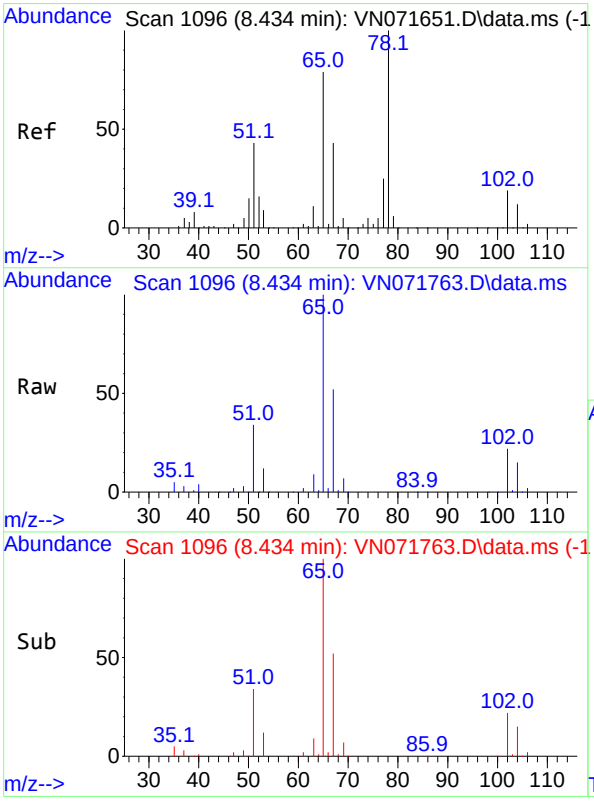
#31
Cyclohexane
Concen: 2.21 ug/l
RT: 8.087 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion: 56 Resp: 20755

Ion	Ratio	Lower	Upper
56	100		
69	102.3	27.8	41.8#
84	119.4	76.9	115.3#

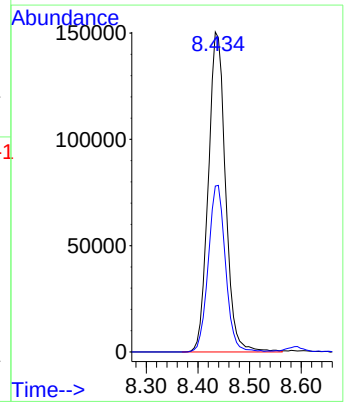


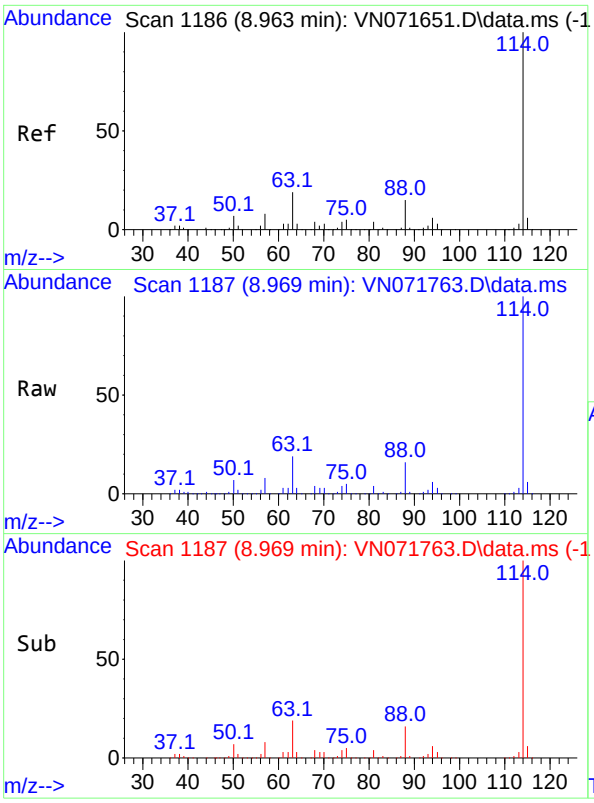


#33
1,2-Dichloroethane-d4
Concen: 50.47 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion: 65 Resp: 348045

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.8



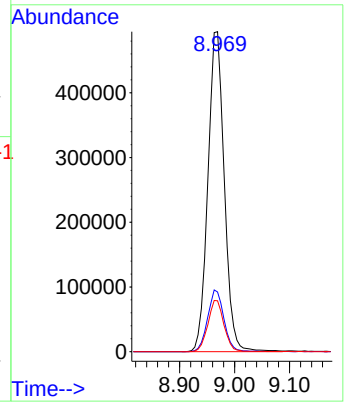


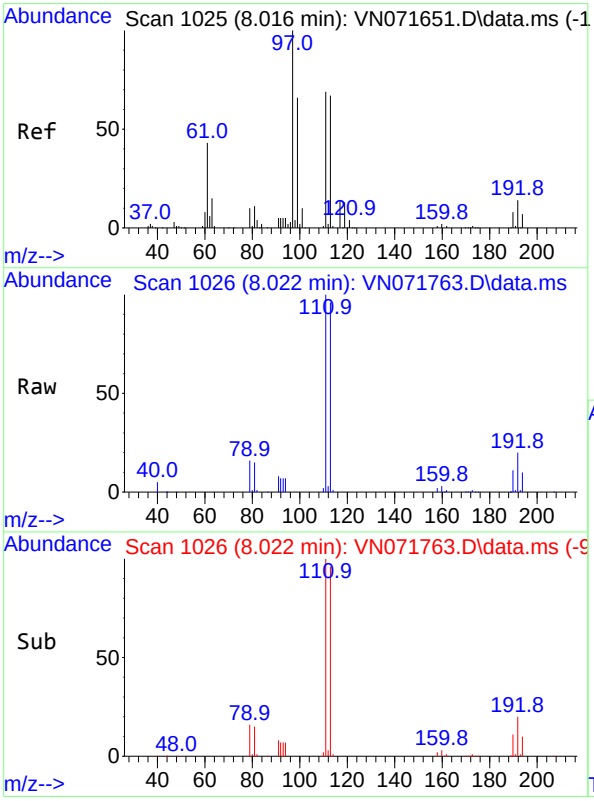
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion:114 Resp: 1025368

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.0
88	15.9	0.0	32.6

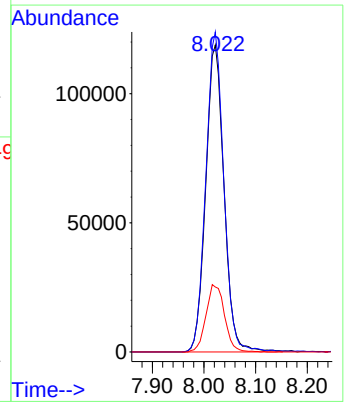


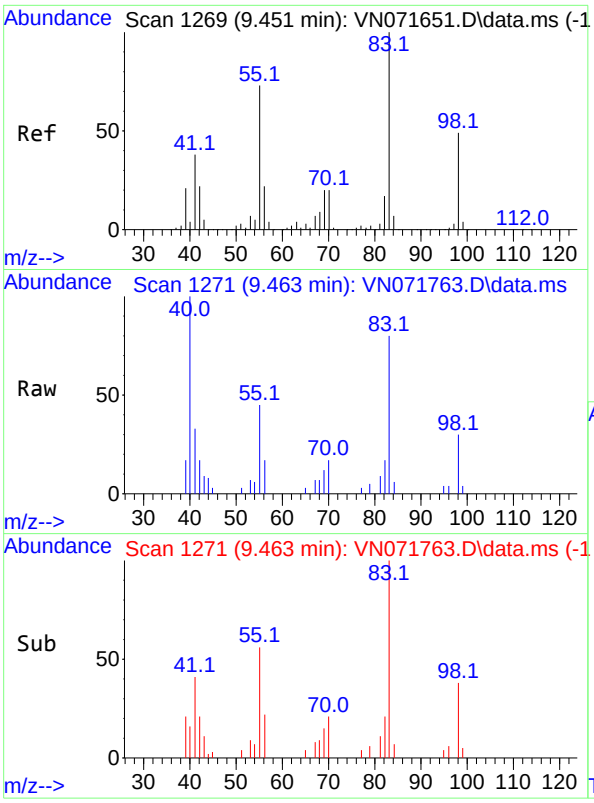


#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion:113 Resp: 291914

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	22.2	17.0	25.6



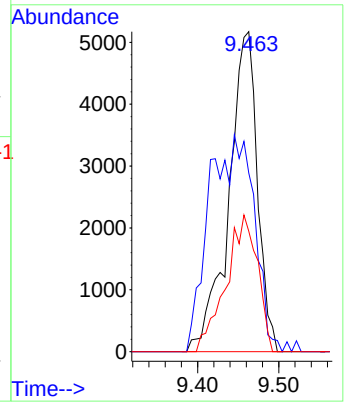


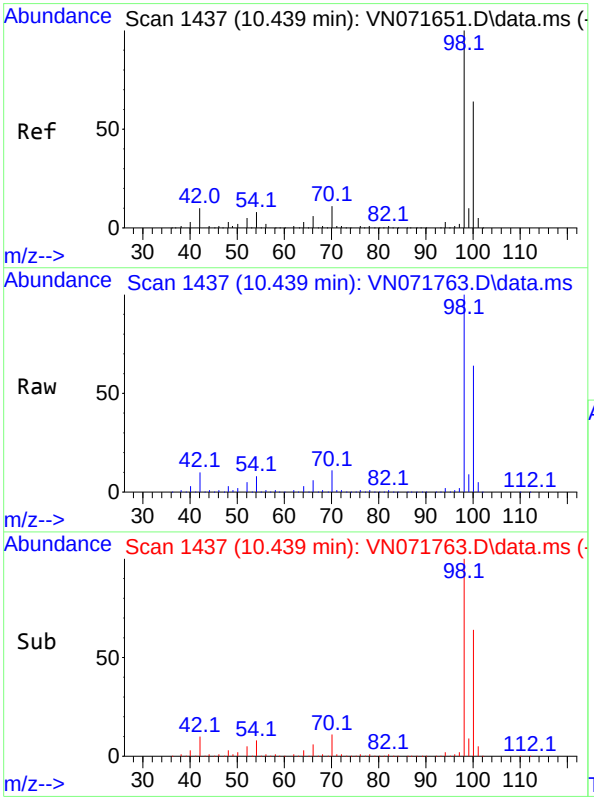
#39
Methylcyclohexane
Concen: 1.26 ug/l
RT: 9.463 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion: 83 Resp: 12679

Ion	Ratio	Lower	Upper
83	100		
55	55.9	57.8	86.8#
98	37.6	39.4	59.2#

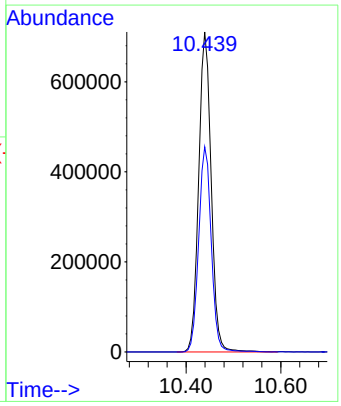


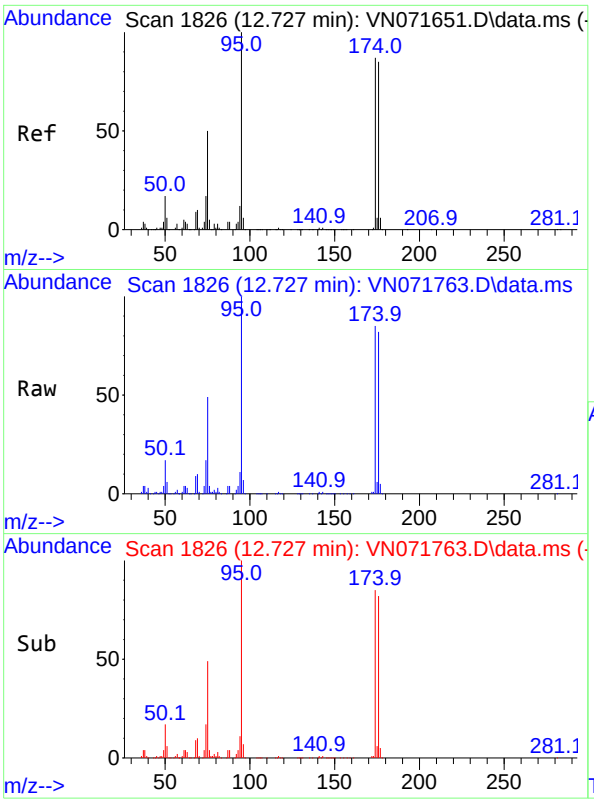


#50
Toluene-d8
Concen: 52.61 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion: 98 Resp: 1298450

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8



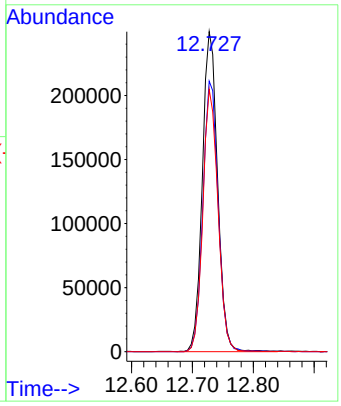


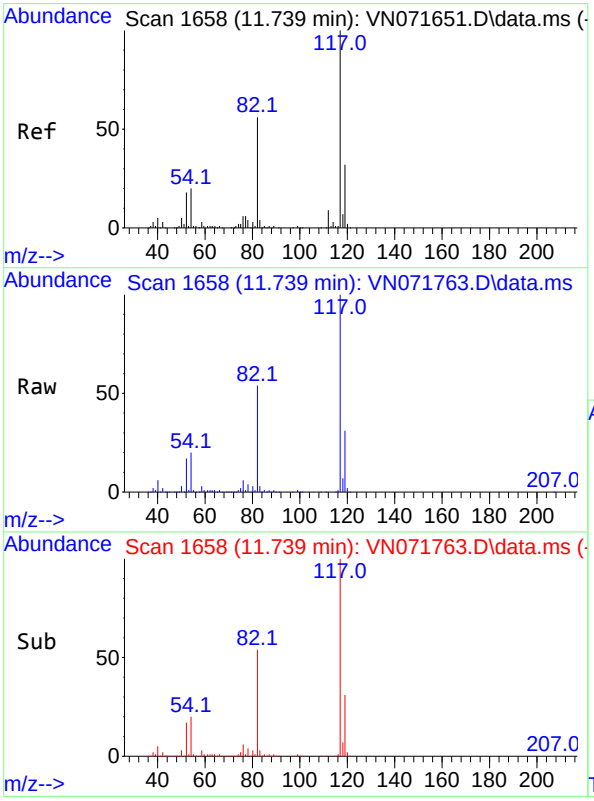
#62
4-Bromofluorobenzene
Concen: 54.41 ug/l
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion: 95 Resp: 434347

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	167.6
176	81.3	0.0	163.4

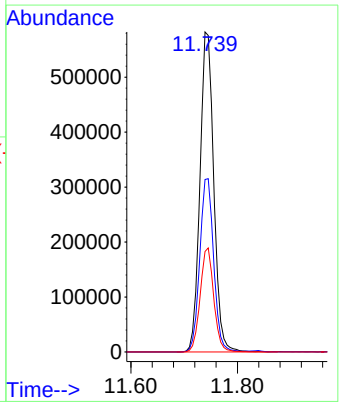


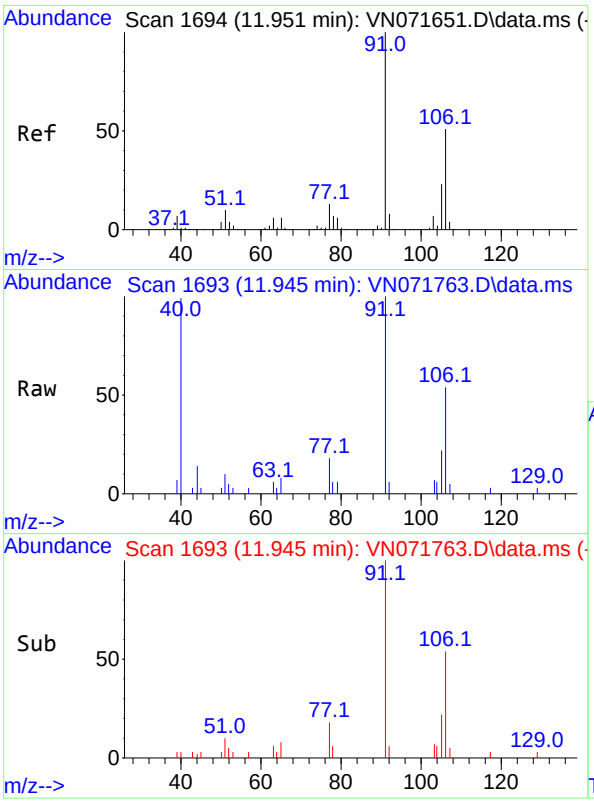


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion:117 Resp: 1047651

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.2	66.2
119	31.4	25.4	38.0



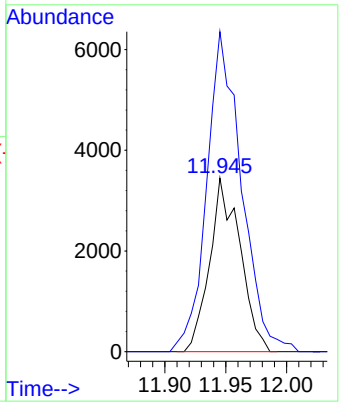


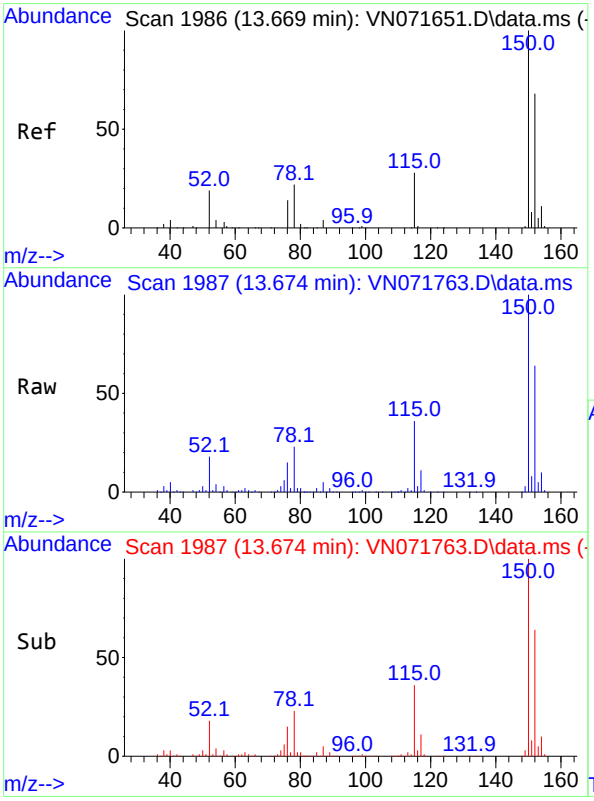
#68
m/p-Xylenes
Concen: 0.44 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion:106 Resp: 5982

Ion	Ratio	Lower	Upper
106	100		
91	211.0	158.9	238.3

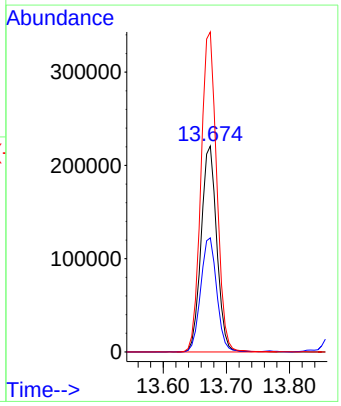


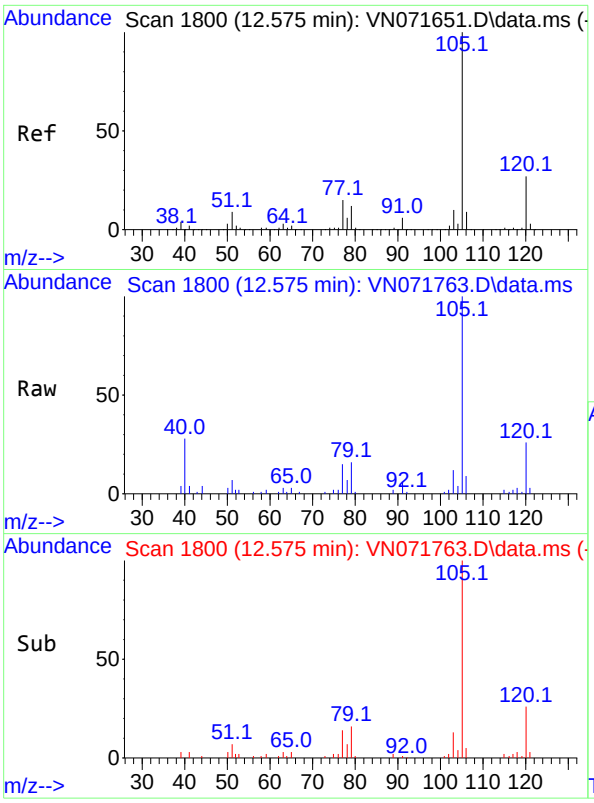


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion:152 Resp: 380336

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.9	86.7
150	156.9	0.0	356.2



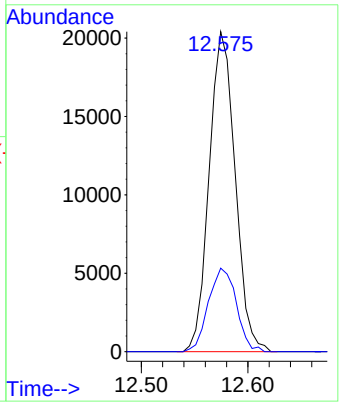


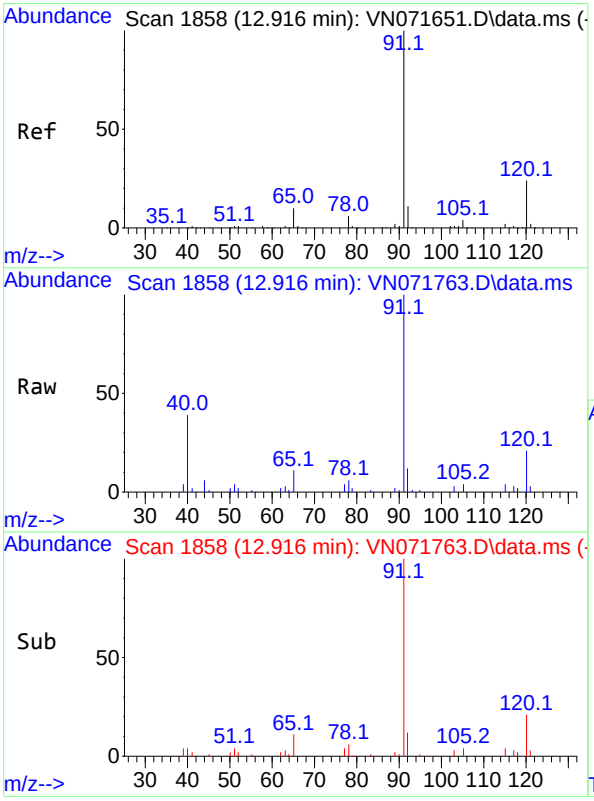
#73
Isopropylbenzene
Concen: 1.08 ug/l
RT: 12.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion:105 Resp: 34561

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.5	40.4

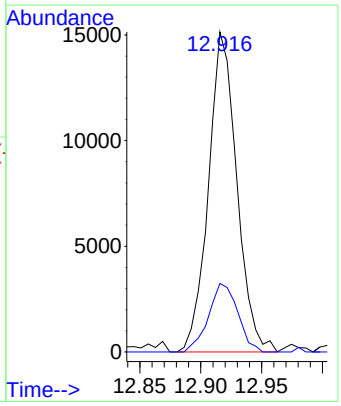


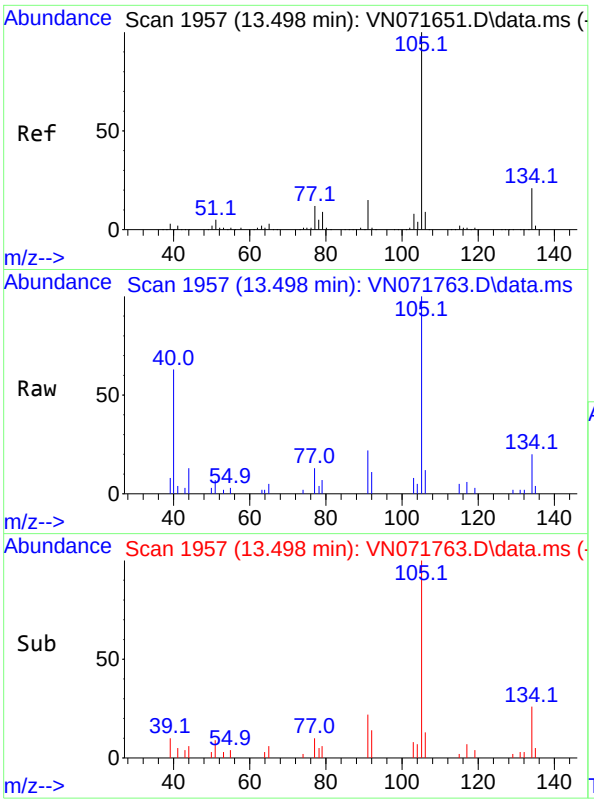


#78
n-propylbenzene
Concen: 0.73 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Tgt Ion: 91 Resp: 24510

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.9	35.5





#85
sec-Butylbenzene
Concen: 0.50 ug/l
RT: 13.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071763.D
Acq: 01 Apr 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
MW-58

Tgt Ion:105 Resp: 15014

Ion	Ratio	Lower	Upper
105	100		
134	38.5	10.4	31.1#