Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061486.D
Acq On : 19 May 2020 16:20
Operator : JC/MD
Sample : L2663-10
Misc : 1.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 1363

Quant Time: May 20 05:38:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	325253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	545095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	206210	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.96%			
35) Dibromofluoromethane	7.54	113	144735	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.04%			
50) Toluene-d8	10.06	98	701637	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.38	95	280621	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.46%			
Target Compounds						Qvalue
10) Methyl Iodide	3.89	142	2880	0.744	ug/l #	86
16) Acetone	3.78	43	73210	49.789	ug/l	97
51) 4-Methyl-2-Pentanone	9.96	43	17233	3.718	ug/l	100
52) Toluene	10.13	92	8298	0.797	ug/l	94
67) Ethyl Benzene	11.49	91	16708	0.823	ug/l	96
68) m/p-Xylenes	11.59	106	32398	4.207	ug/l	88
69) o-Xylene	11.92	106	30522	4.095	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	34560	1.913	ug/l	98

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

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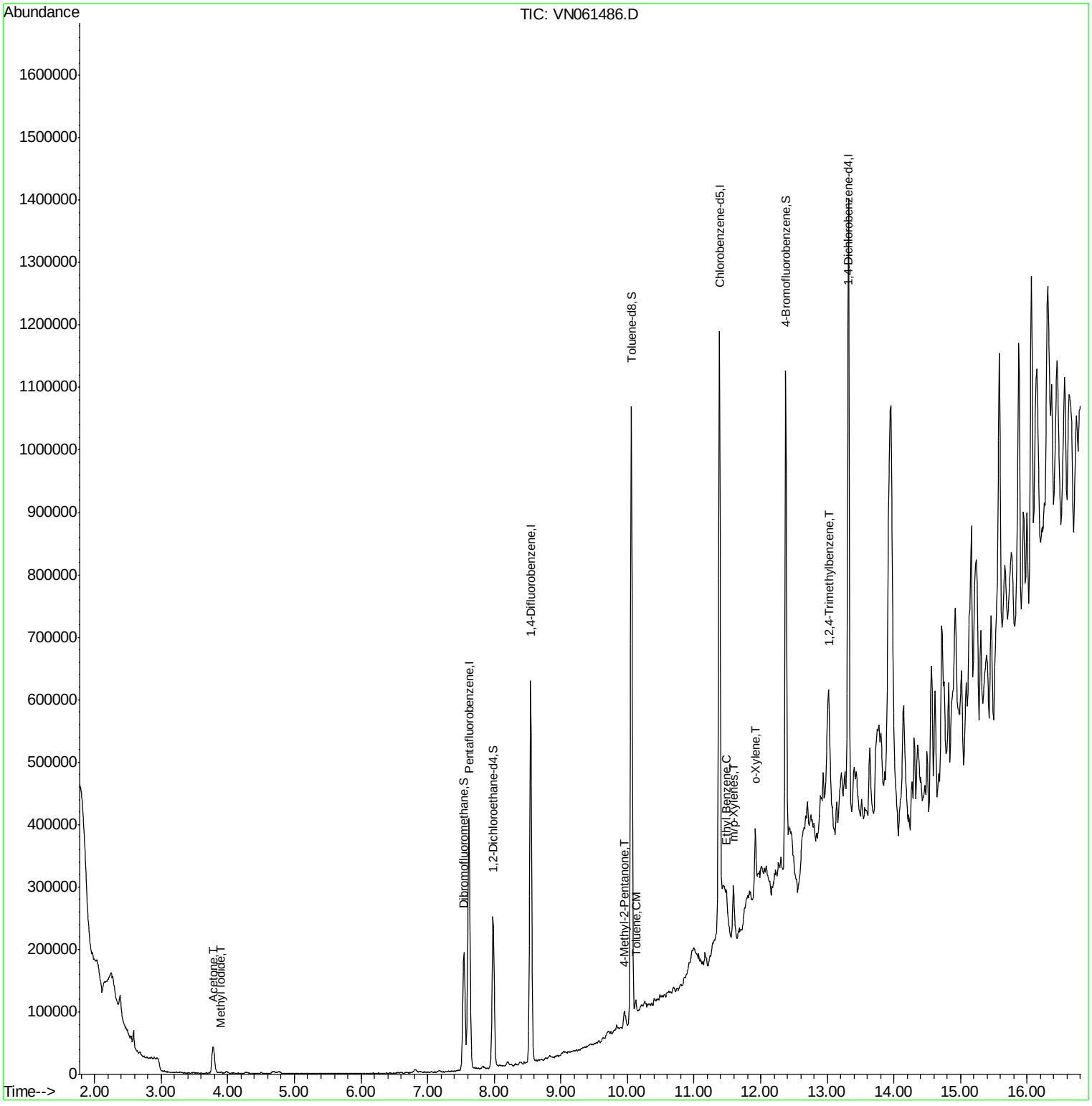
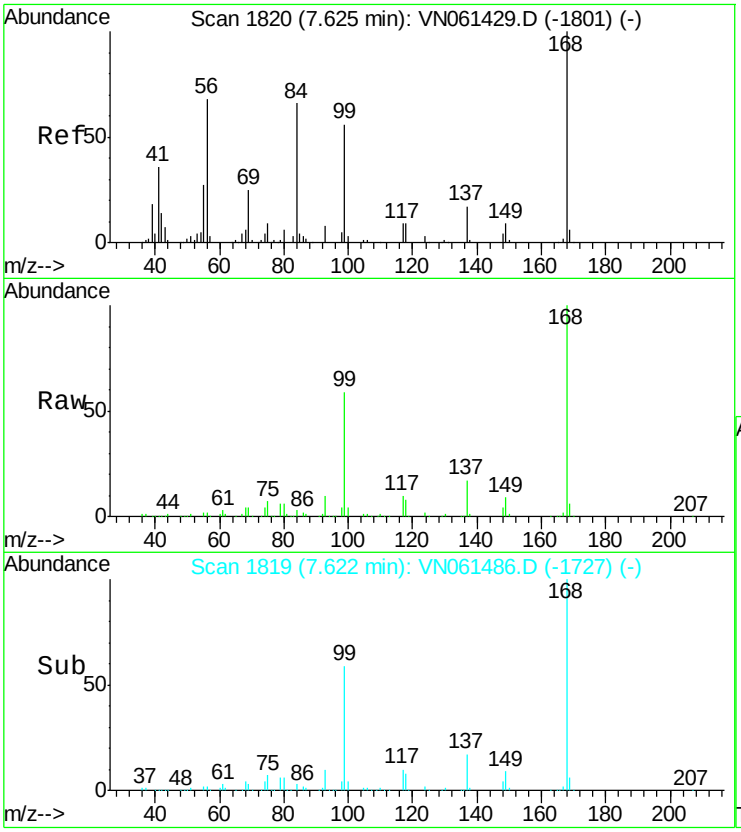


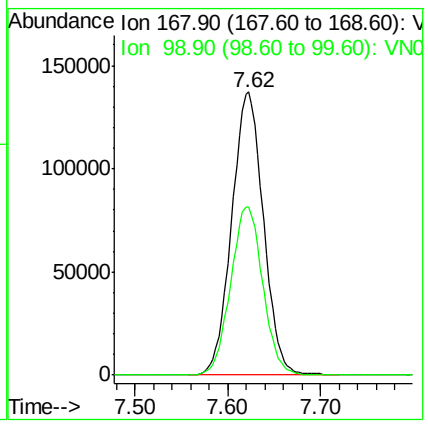


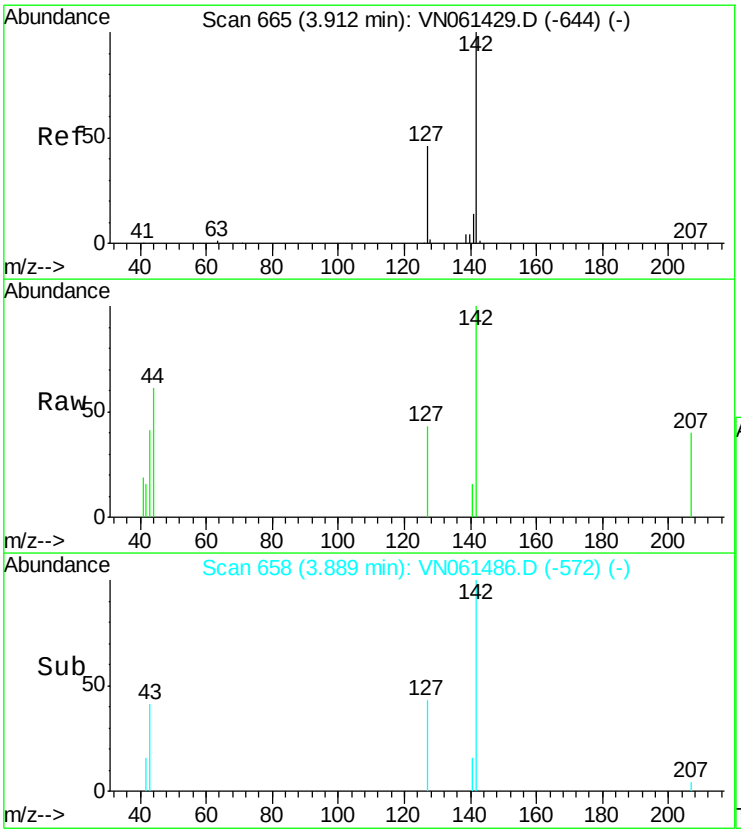
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion:168 Resp: 325253

Ion	Ratio	Lower	Upper
168	100		
99	59.3	51.1	76.7

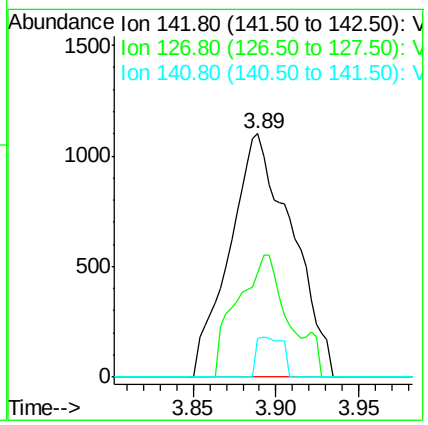


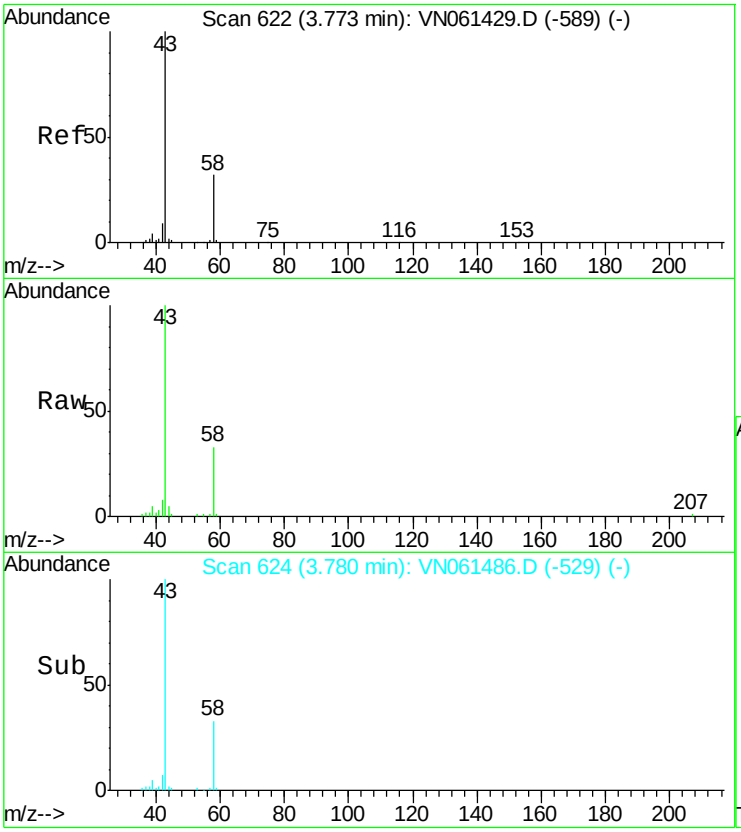


#10
Methyl Iodide
Concen: 0.744 ug/l
RT: 3.89 min Scan# 658
Delta R.T. -0.02 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion:142 Resp: 2880

Ion	Ratio	Lower	Upper
142	100		
127	37.8	36.7	55.1
141	6.8	11.5	17.3#



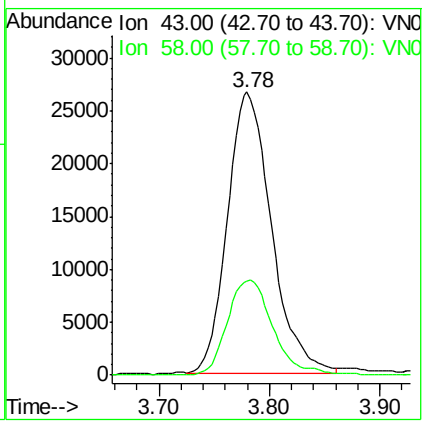


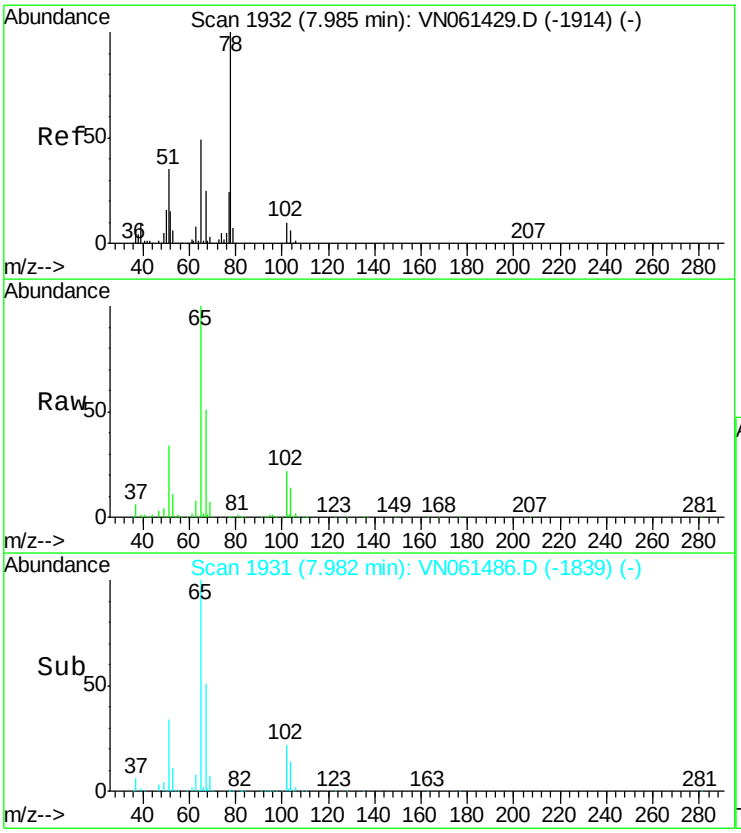
#16
Acetone
Concen: 49.789 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion: 43 Resp: 73210

Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.6	38.4

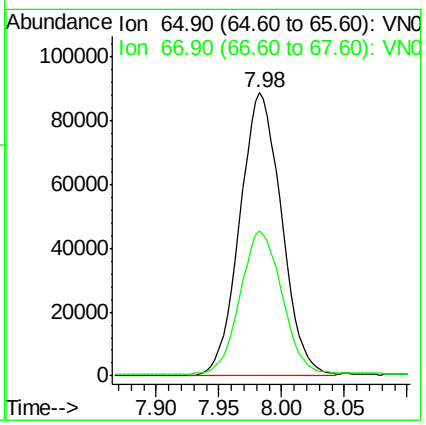


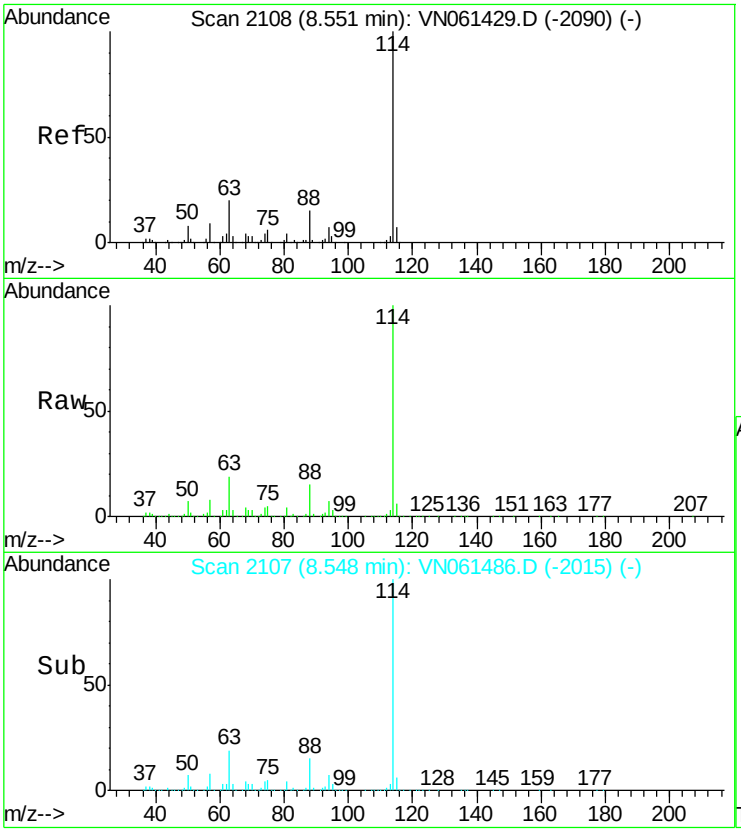


#33
1,2-Dichloroethane-d4
Concen: 42.480 ug/l
RT: 7.98 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 65 Resp: 206210

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.4



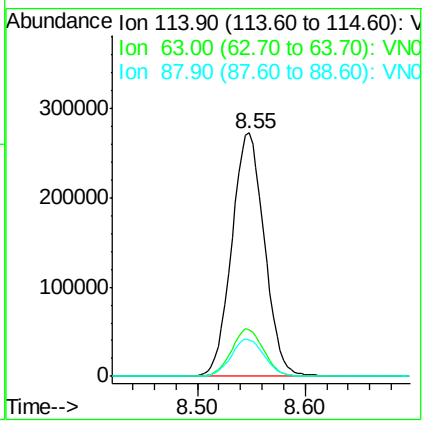


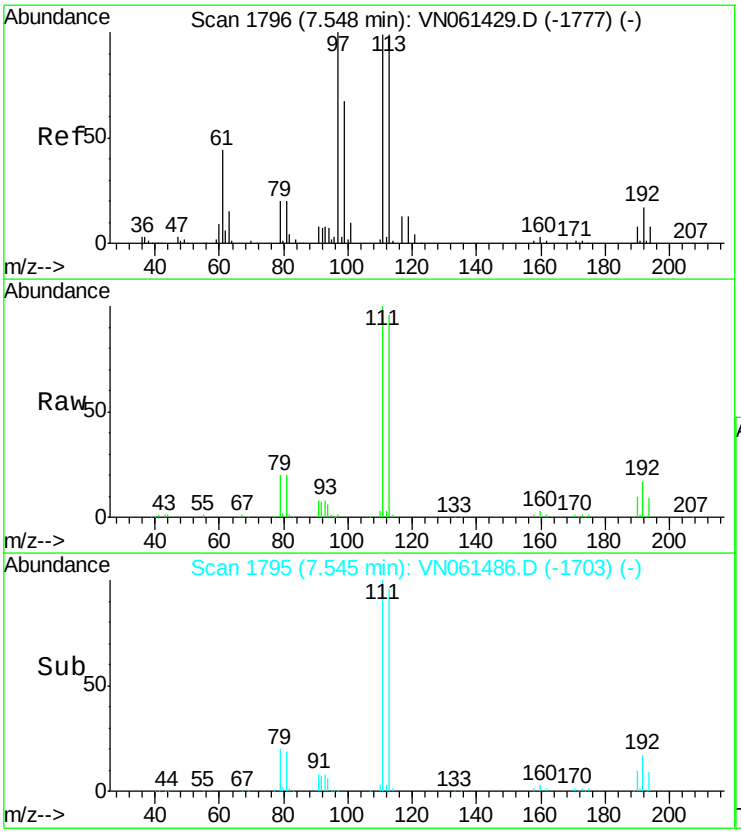
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion:114 Resp: 575363

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.8
88	15.1	0.0	30.8

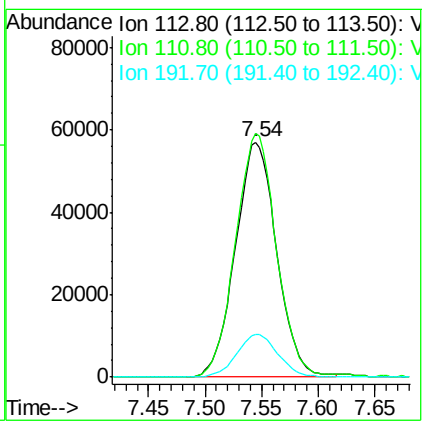


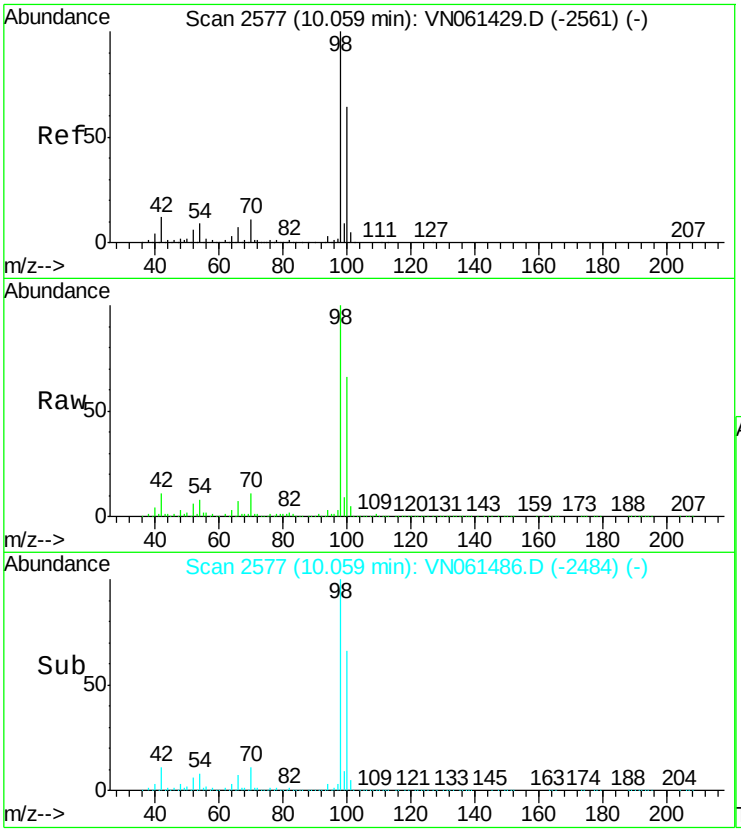


#35
Dibromofluoromethane
Concen: 48.018 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion:113 Resp: 144735

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	121.0
192	18.2	13.2	19.8



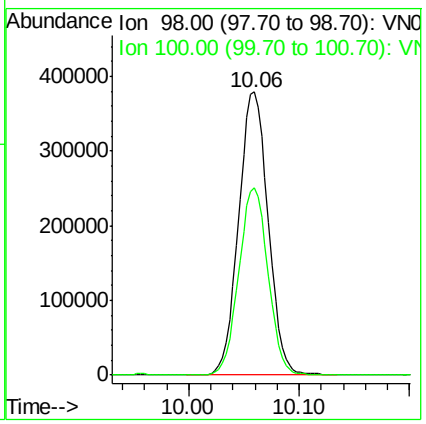


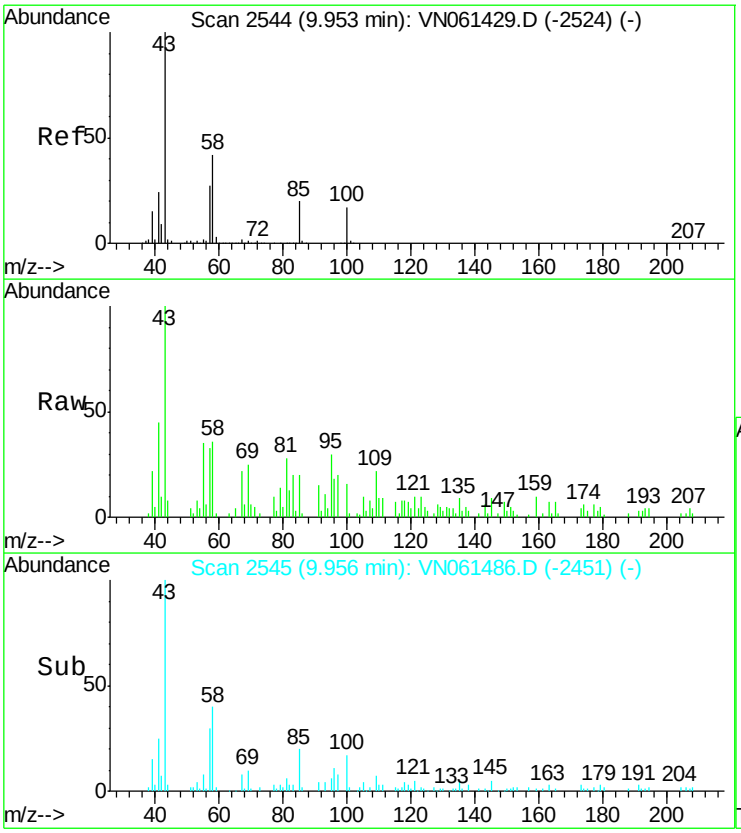
#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion: 98 Resp: 701637

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.8

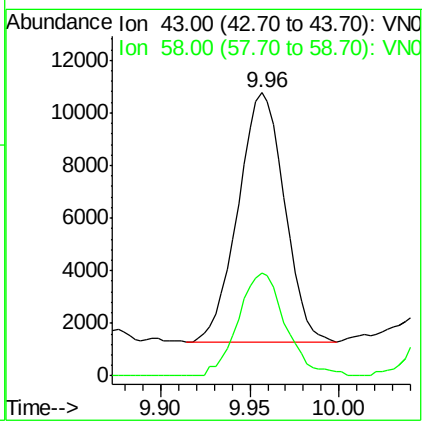


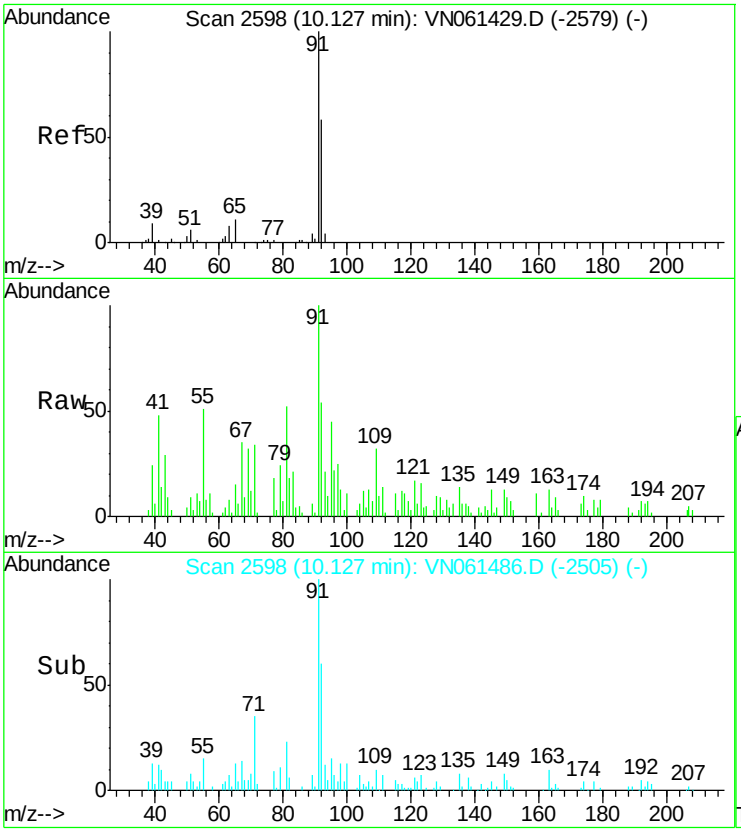


#51
4-Methyl-2-Pentanone
Concen: 3.718 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 43 Resp: 17233

Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.4	50.2



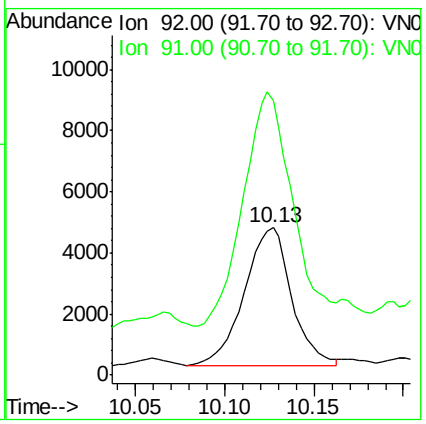


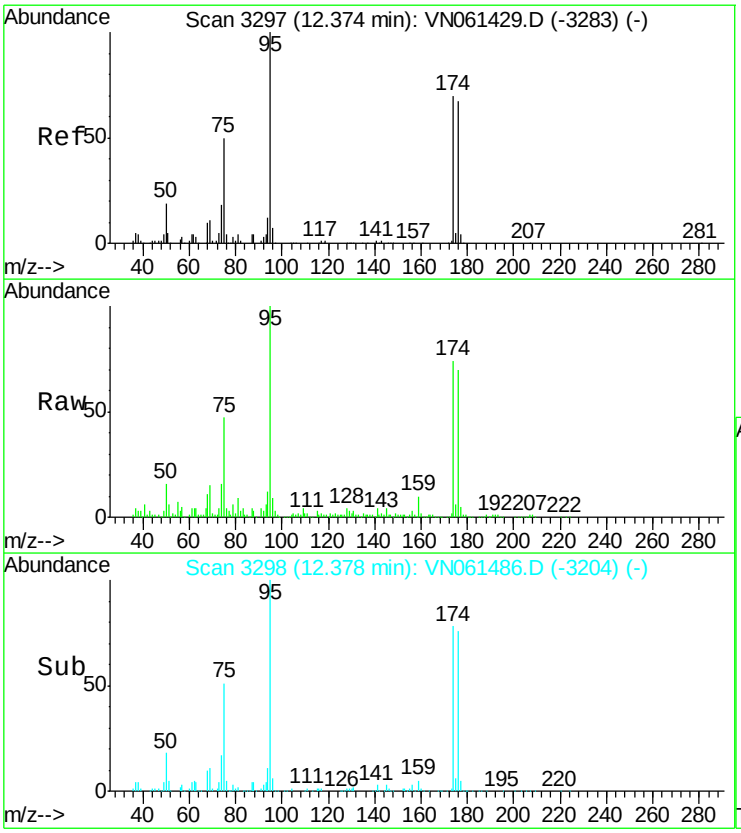
#52
Toluene
Concen: 0.797 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion: 92 Resp: 8298

Ion	Ratio	Lower	Upper
92	100		
91	180.3	138.0	207.0

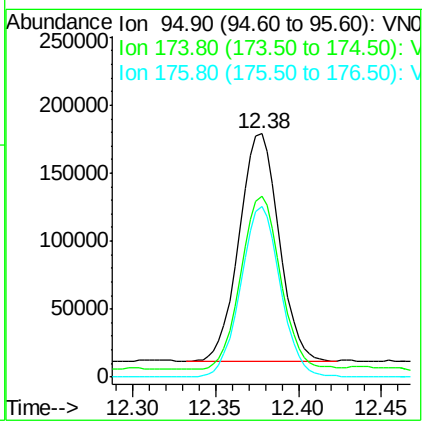


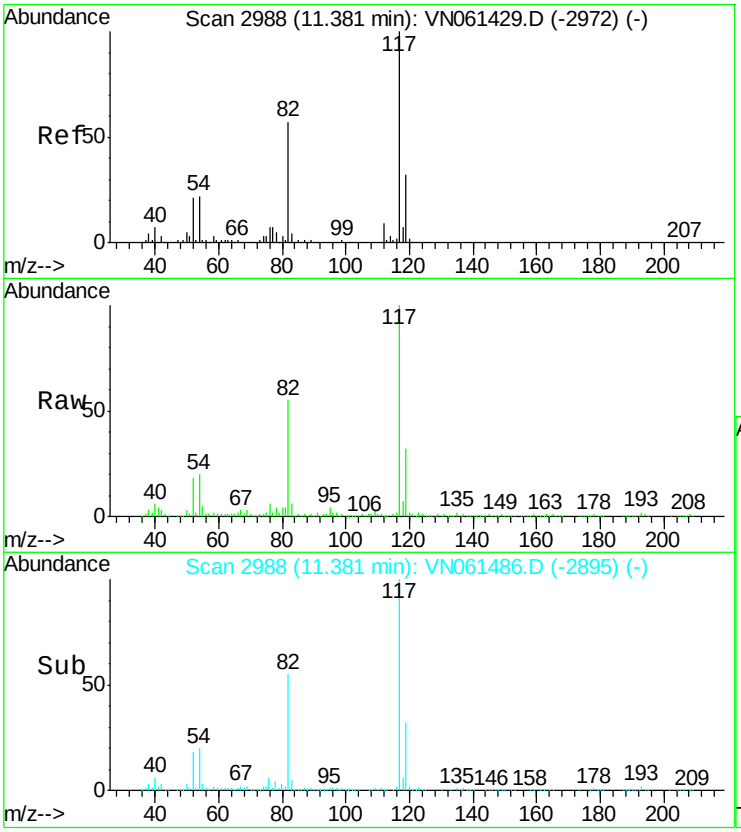


#62
4-Bromofluorobenzene
Concen: 53.726 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 95 Resp: 280621

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	141.2
176	74.6	0.0	137.6



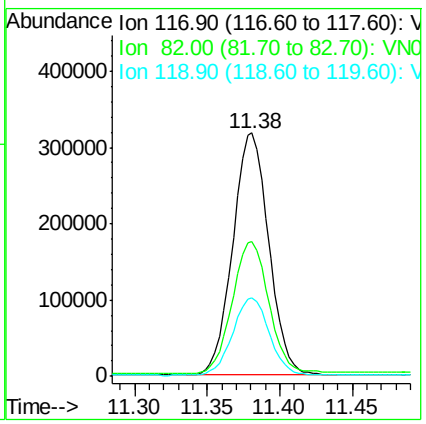


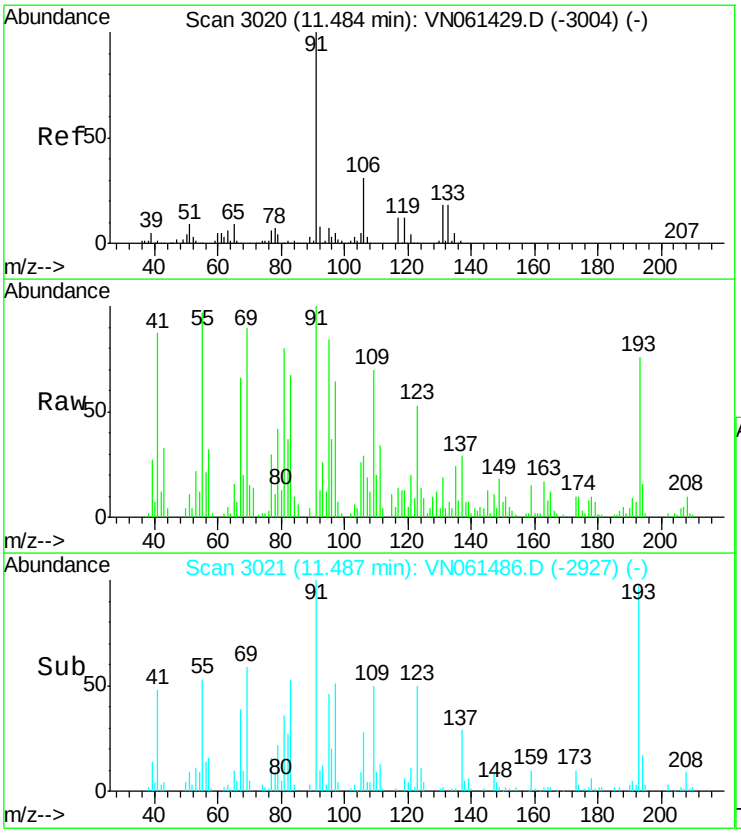
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion:117 Resp: 545095

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.2	67.8
119	32.0	25.3	37.9

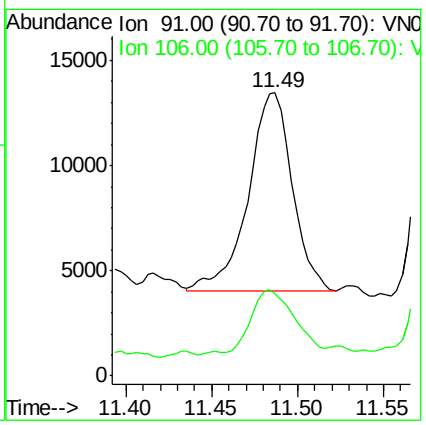


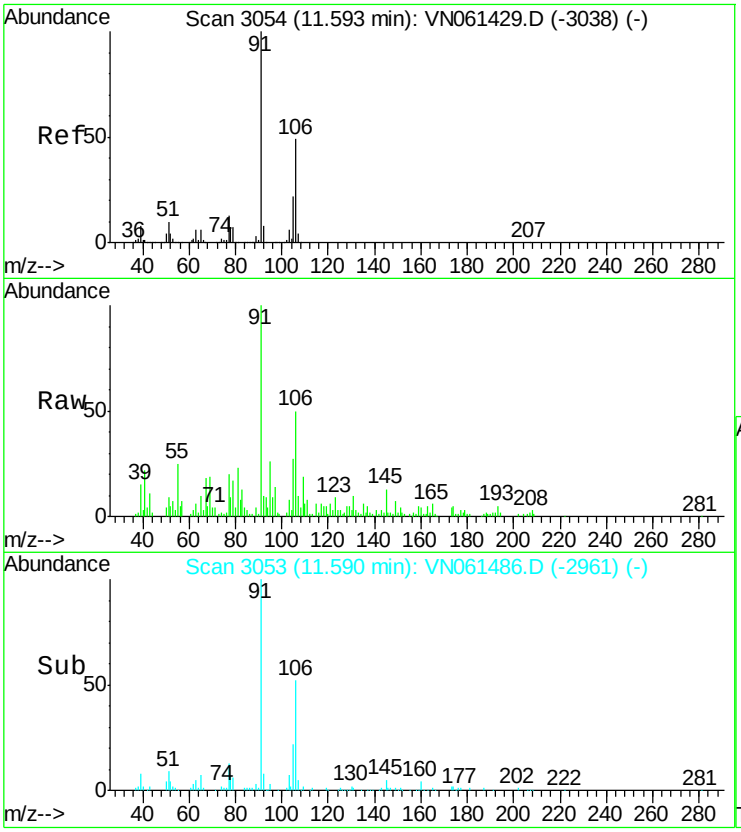


#67
Ethyl Benzene
Concen: 0.823 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion: 91 Resp: 16708

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.6	36.8



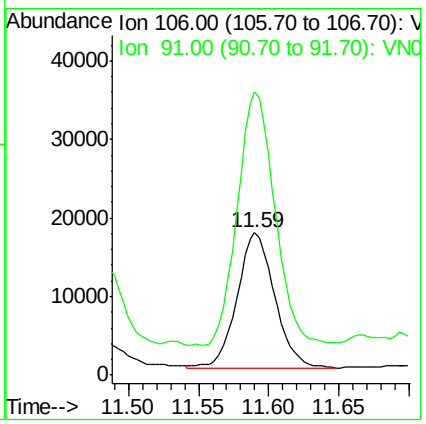


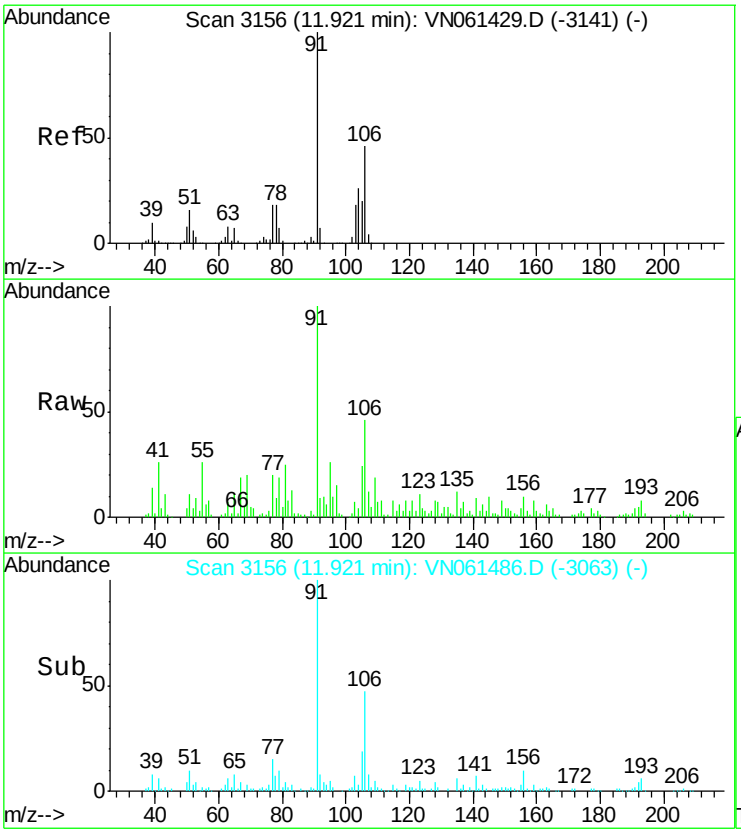
#68
m/p-Xylenes
Concen: 4.207 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion:106 Resp: 32398

Ion	Ratio	Lower	Upper
106	100		
91	185.3	163.0	244.6

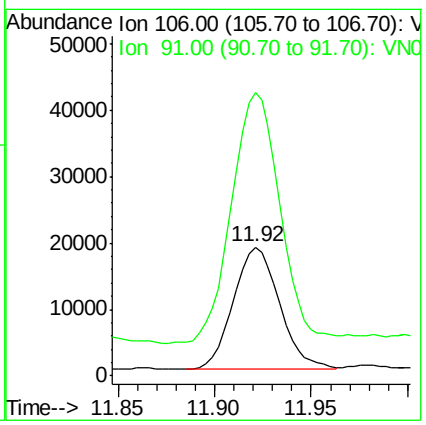


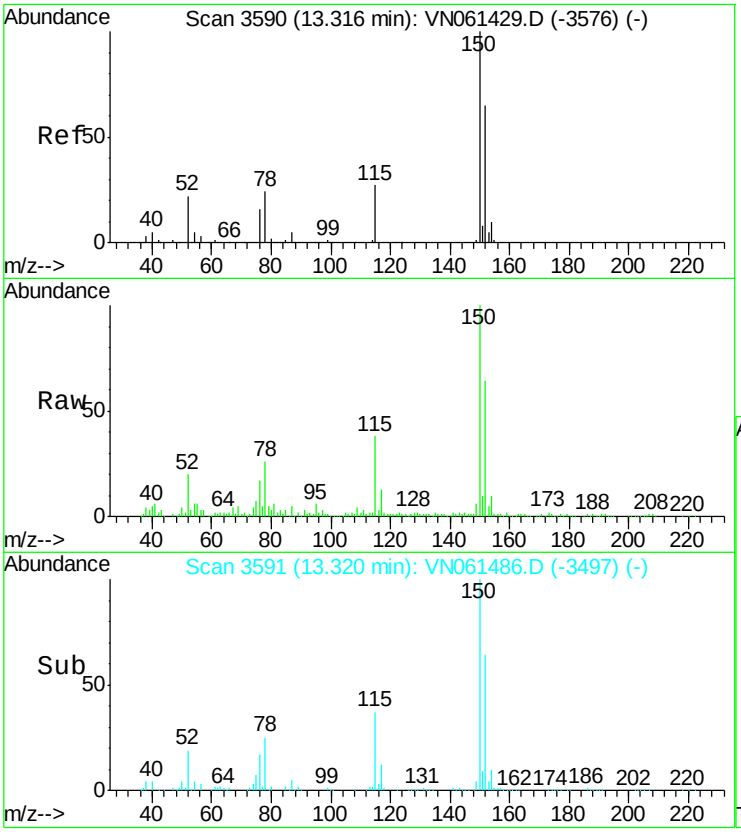


#69
o-Xylene
Concen: 4.095 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion:106 Resp: 30522

Ion	Ratio	Lower	Upper
106	100		
91	219.2	107.9	323.7



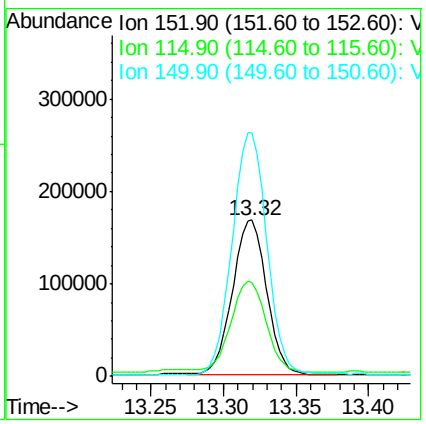


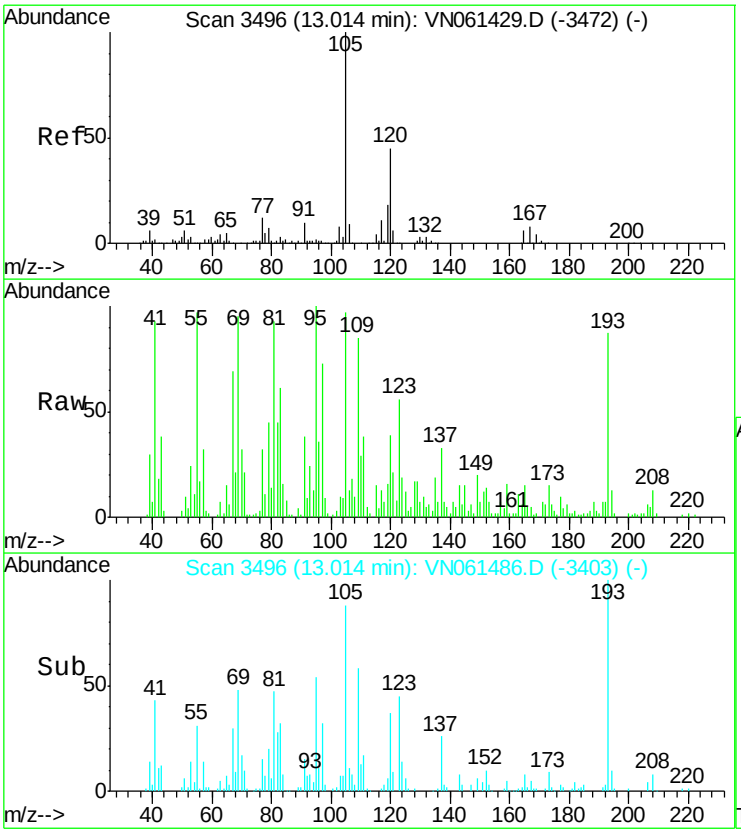
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
1363

Tgt Ion:152 Resp: 274621

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.9	92.5
150	159.4	0.0	349.2





#84
1,2,4-Trimethylbenzene
Concen: 1.913 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061486.D
Acq: 19 May 2020 16:20

Tgt Ion:105 Resp: 34560

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.4	67.3