Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058492.D
Acq On : 2 Oct 2019 22:12
Operator : JC/SP
Sample : K5131-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 20190827-COMPOSITE-C

Quant Time: Oct 03 06:08:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	368286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	618523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276691	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
35) Dibromofluoromethane	7.58	113	191651	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
50) Toluene-d8	10.09	98	770512	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.76%			
62) 4-Bromofluorobenzene	12.41	95	245723	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.52%			
Target Compounds						Qvalue
16) Acetone	3.80	43	187913	102.425	ug/l	96
20) Methylene Chloride	4.53	84	9643492	2277.709	ug/l #	67
25) 2-Butanone	6.82	43	33051	13.121	ug/l	98
43) Isopropyl Acetate	8.16	43	103799	11.008	ug/l #	93
68) m/p-Xylenes	11.62	106	21521	2.949	ug/l	96
69) o-Xylene	11.95	106	8579	1.221	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	16249	1.291	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	66741	5.293	ug/l	95
95) Naphthalene	15.14	128	25664	2.554	ug/l	98

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

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20190827-COMPOSITE-C

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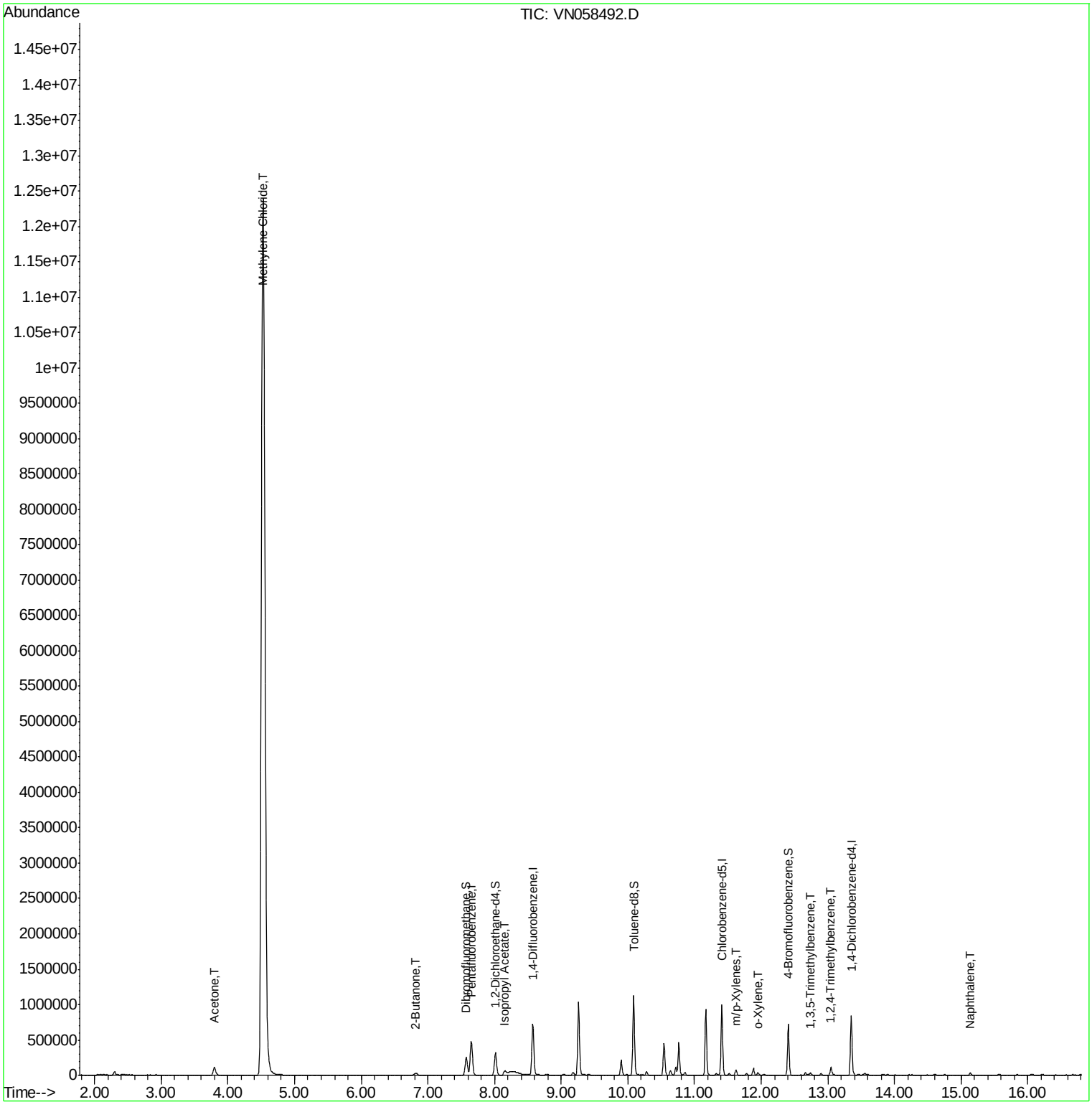
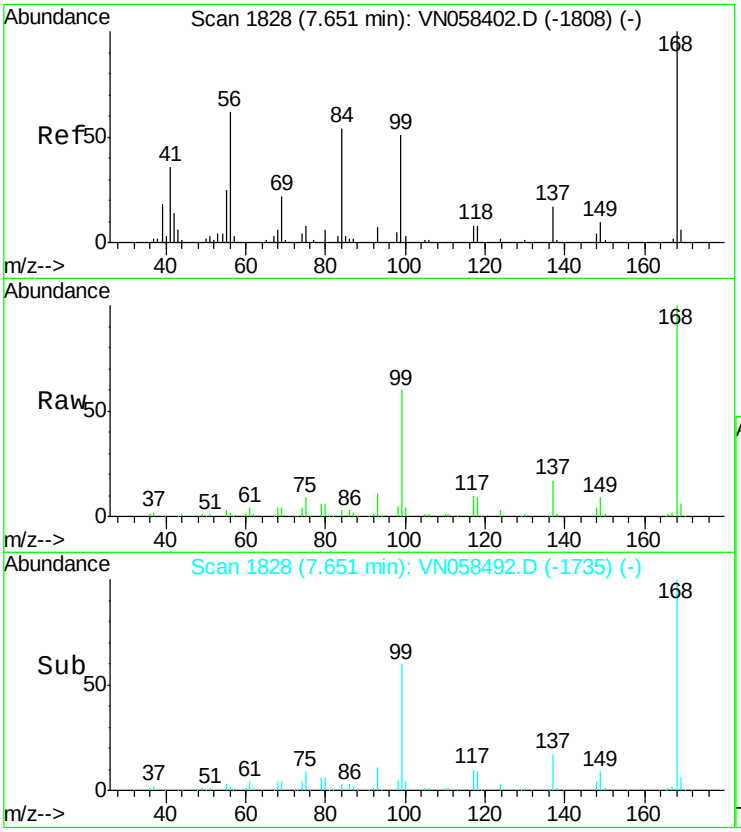


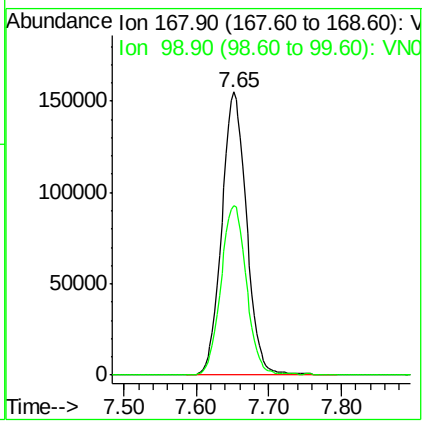


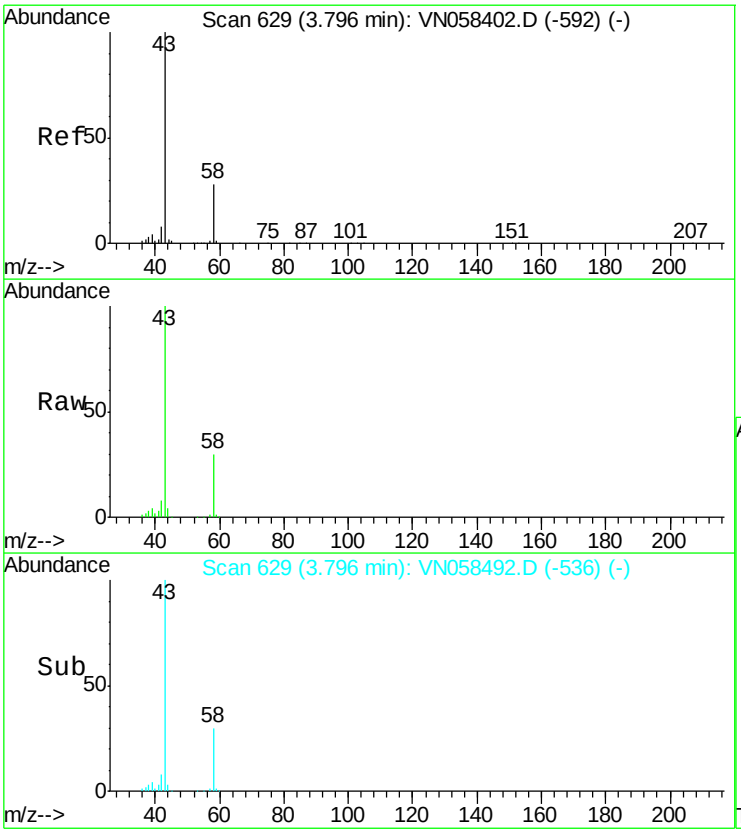
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion:168 Resp: 368286

Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.7	71.5

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

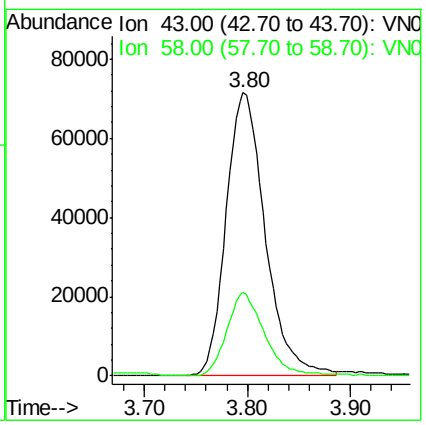


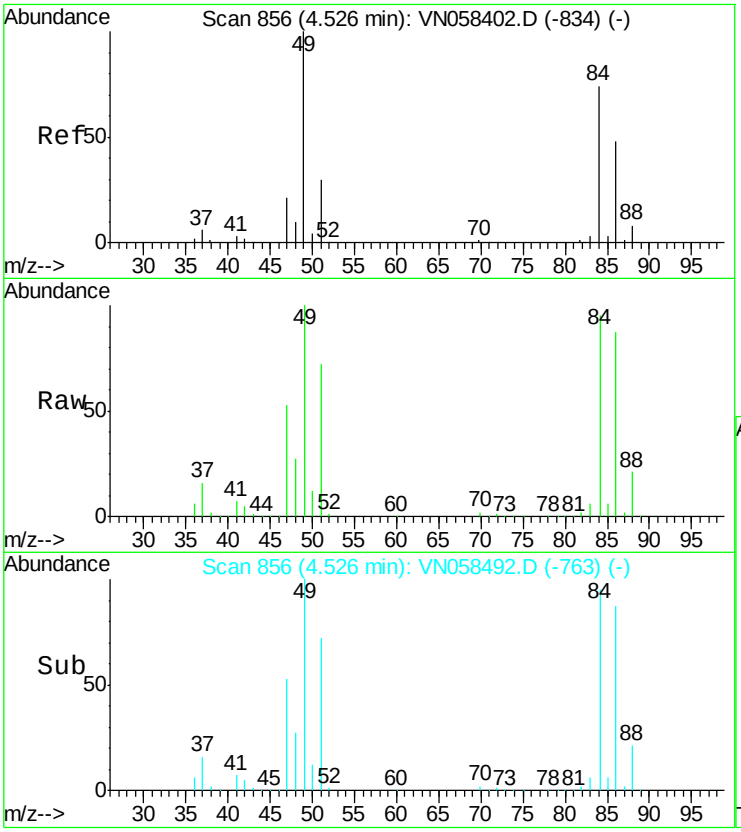


#16
Acetone
Concen: 102.425 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion: 43 Resp: 187913

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.4	33.6



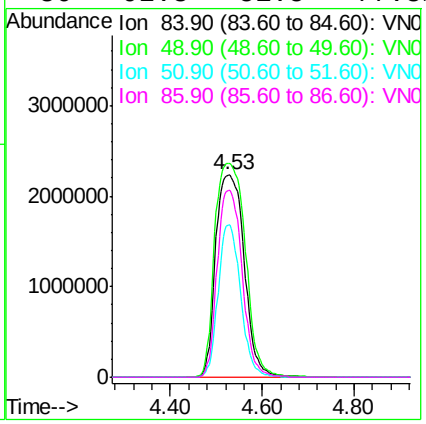


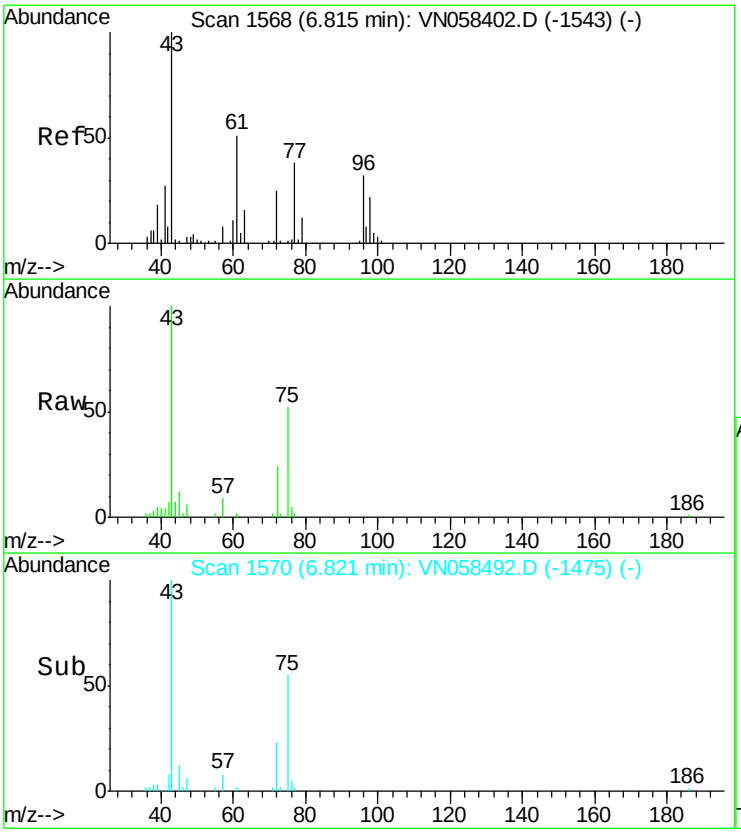
#20
Methylene Chloride
Concen: 2277.709 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion: 84 Resp: 9643492

Ion	Ratio	Lower	Upper
84	100		
49	105.5	107.9	161.9#
51	75.5	32.8	49.2#
86	92.3	51.5	77.3#

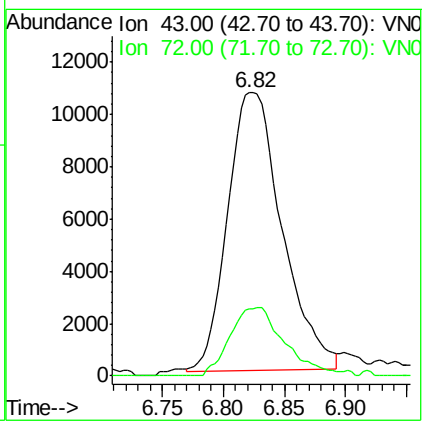


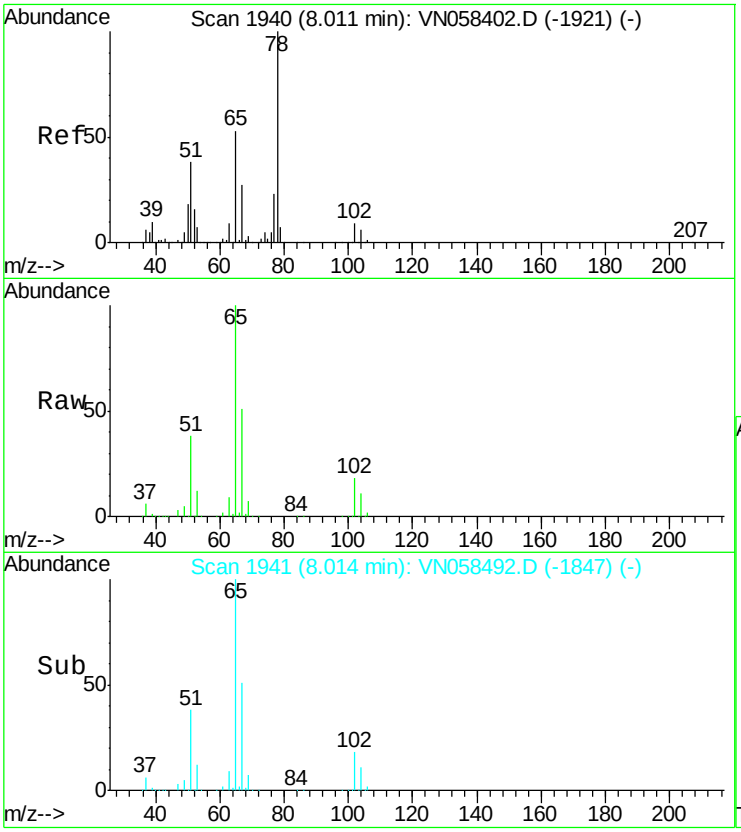


#25
2-Butanone
Concen: 13.121 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion: 43 Resp: 33051

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.2	30.4



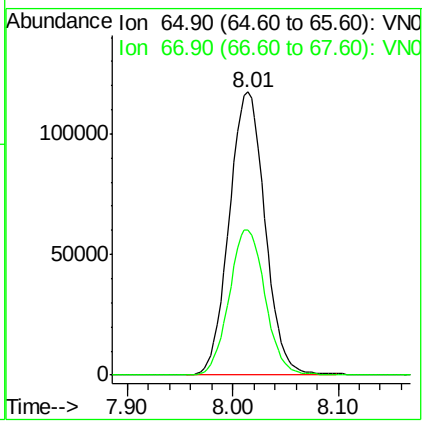


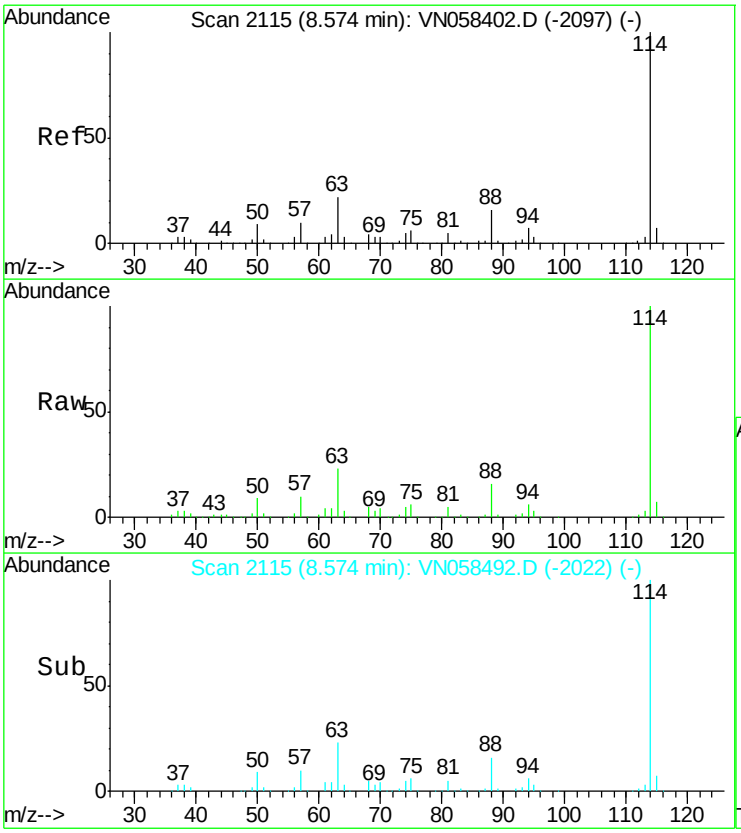
#33
1,2-Dichloroethane-d4
Concen: 51.411 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion: 65 Resp: 276691

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.4

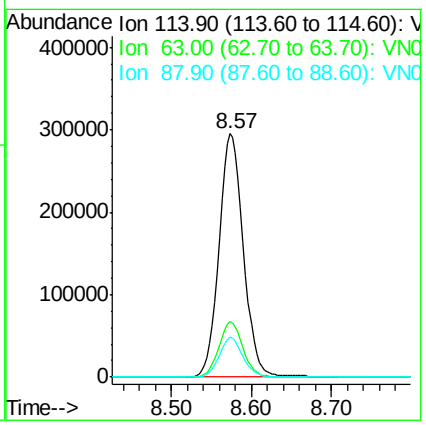


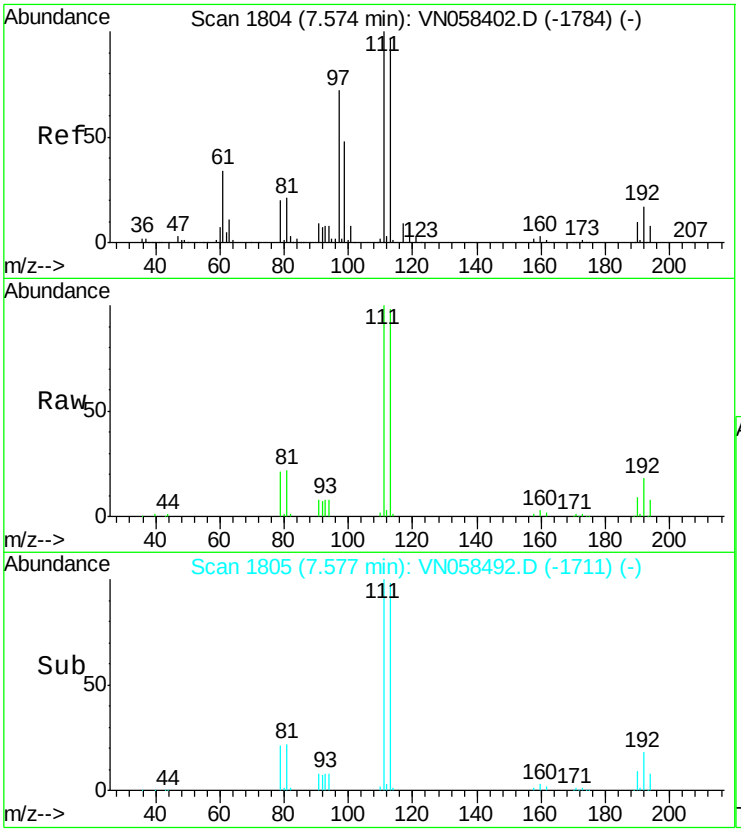


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion:114 Resp: 618523

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.0
88	16.3	0.0	32.2



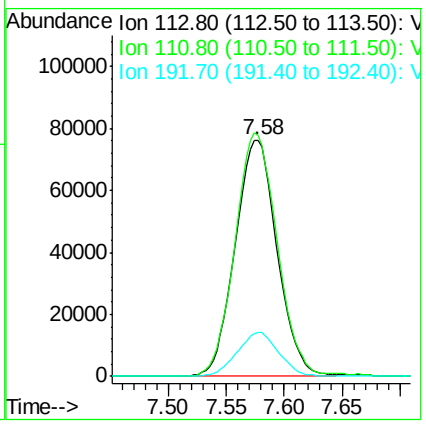


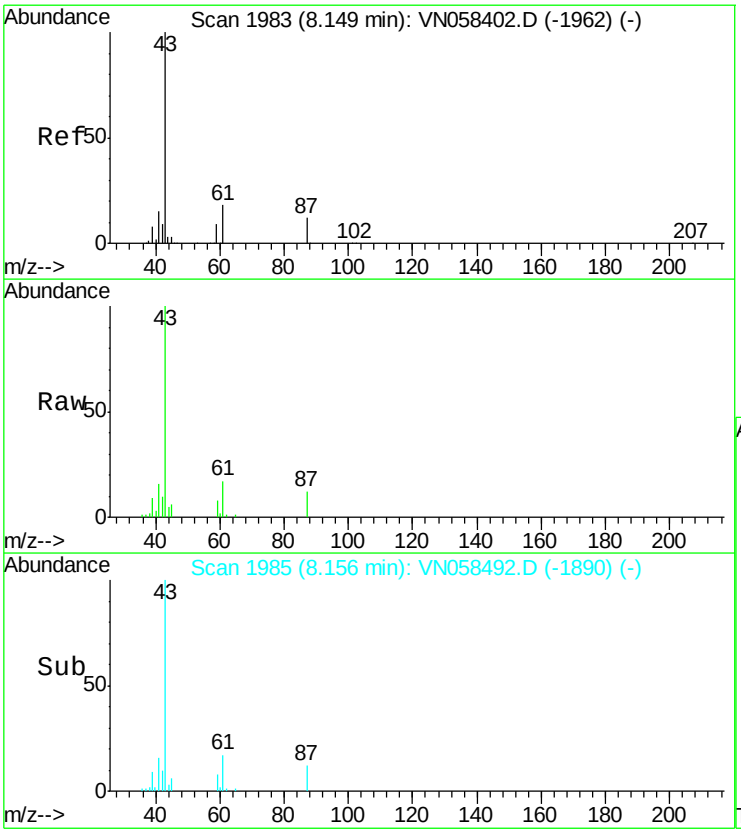
#35
Dibromofluoromethane
Concen: 50.556 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:113 Resp: 191651

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	18.4	14.9	22.3

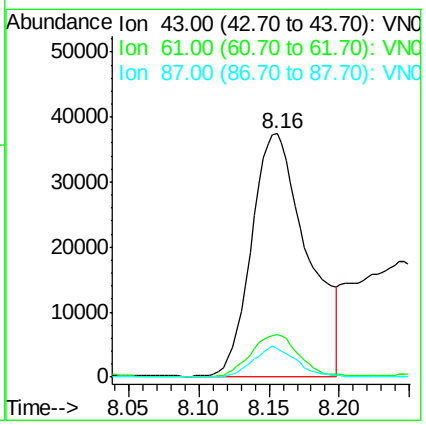


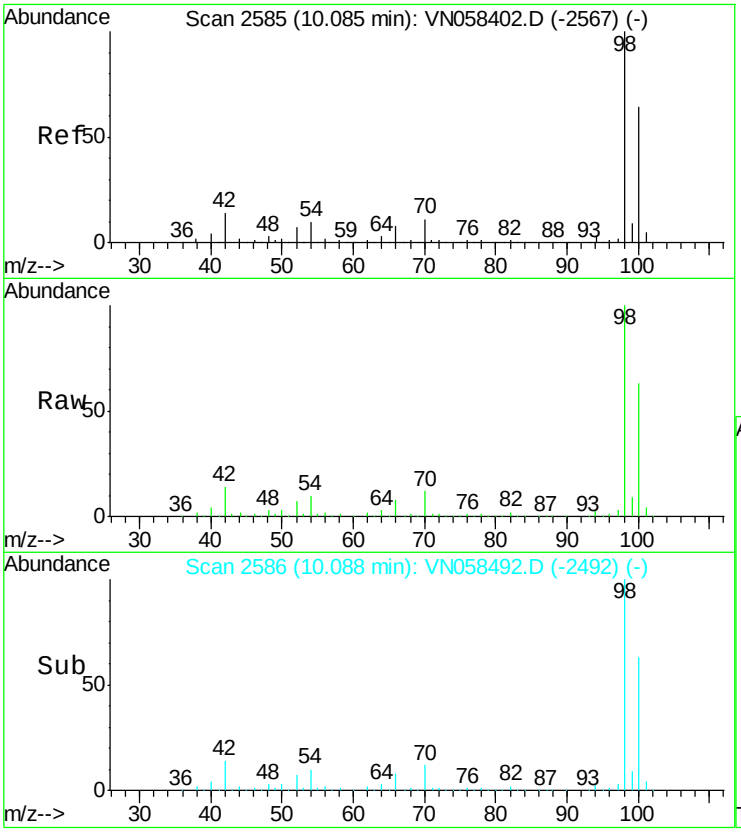


#43
Isopropyl Acetate
Concen: 11.008 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion: 43 Resp: 103799

Ion	Ratio	Lower	Upper
43	100		
61	15.3	14.8	22.2
87	9.6	9.7	14.5#



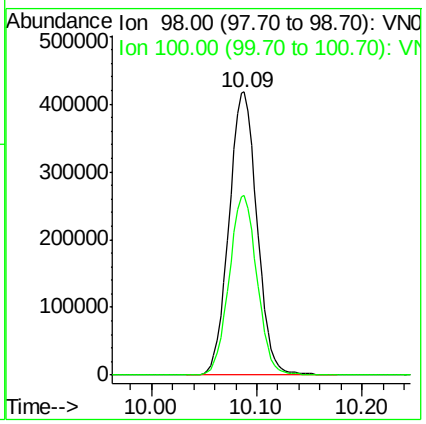


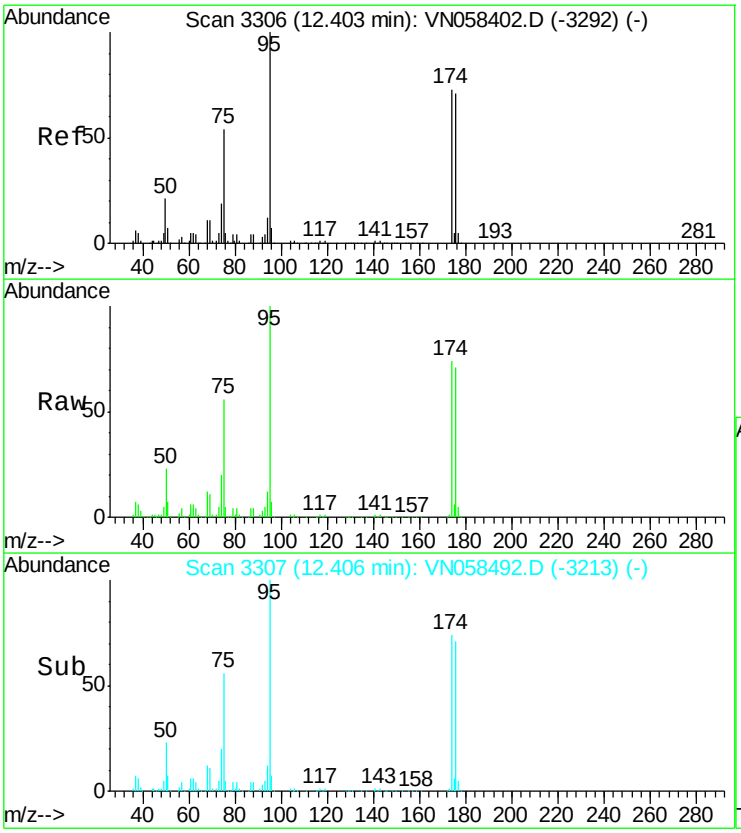
#50
Toluene-d8
Concen: 51.885 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion: 98 Resp: 770512

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.6

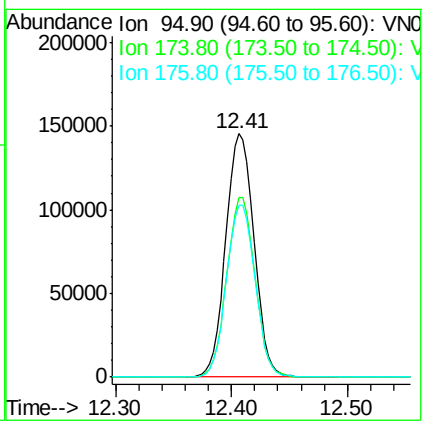


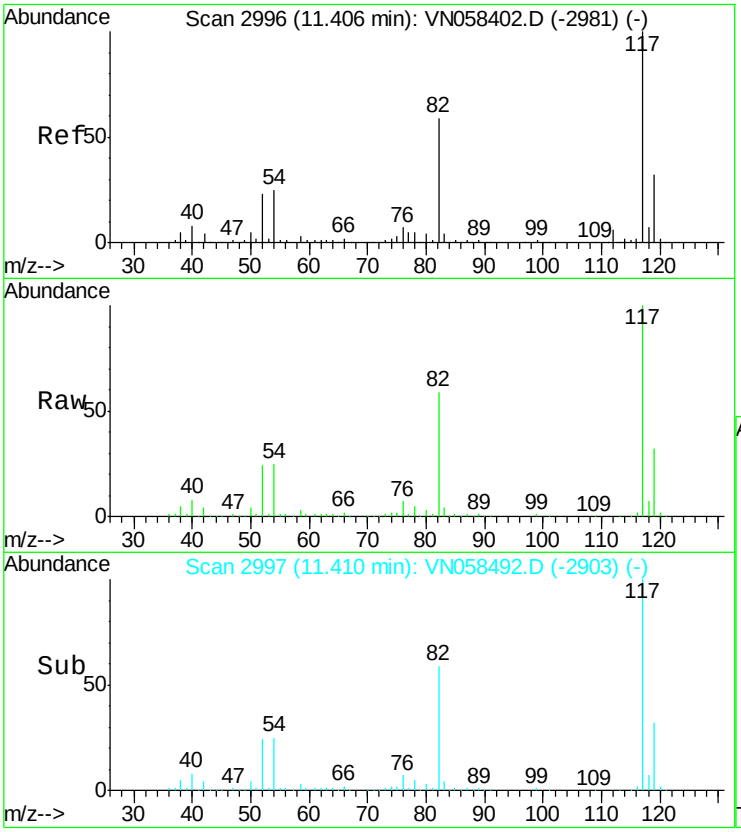


#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion: 95 Resp: 245723

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.6
176	71.6	0.0	146.2



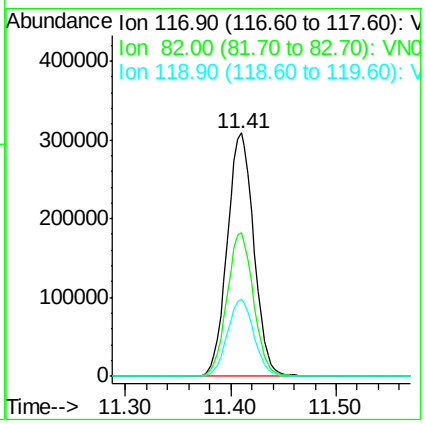


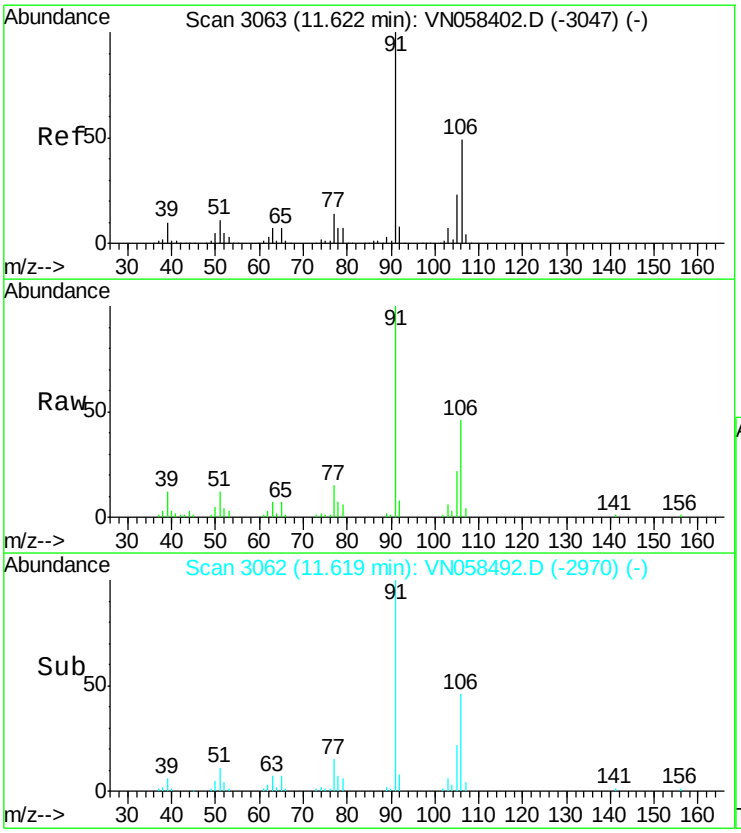
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:117 Resp: 538771

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.0
119	32.0	25.5	38.3

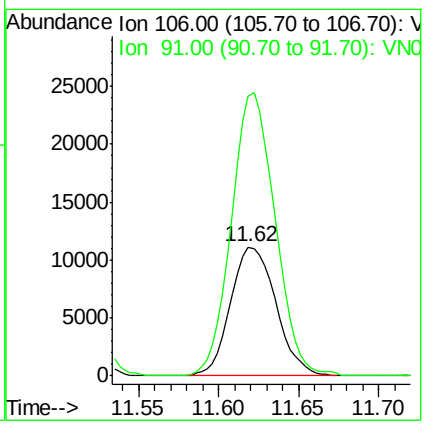


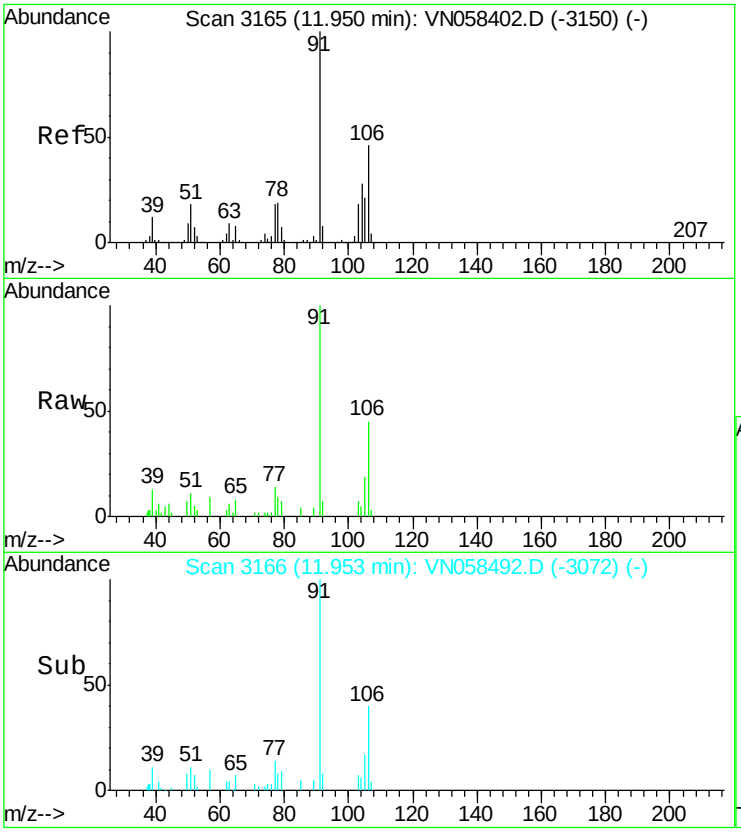


#68
m/p-Xylenes
Concen: 2.949 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion:106 Resp: 21521

Ion	Ratio	Lower	Upper
106	100		
91	212.0	165.0	247.4



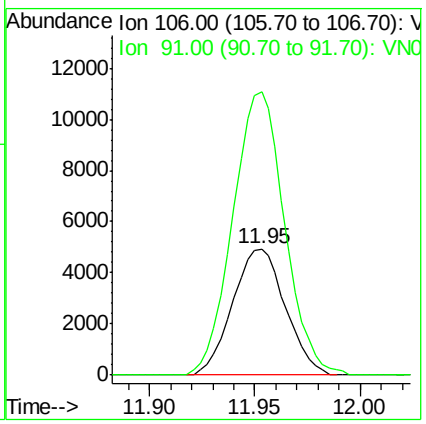


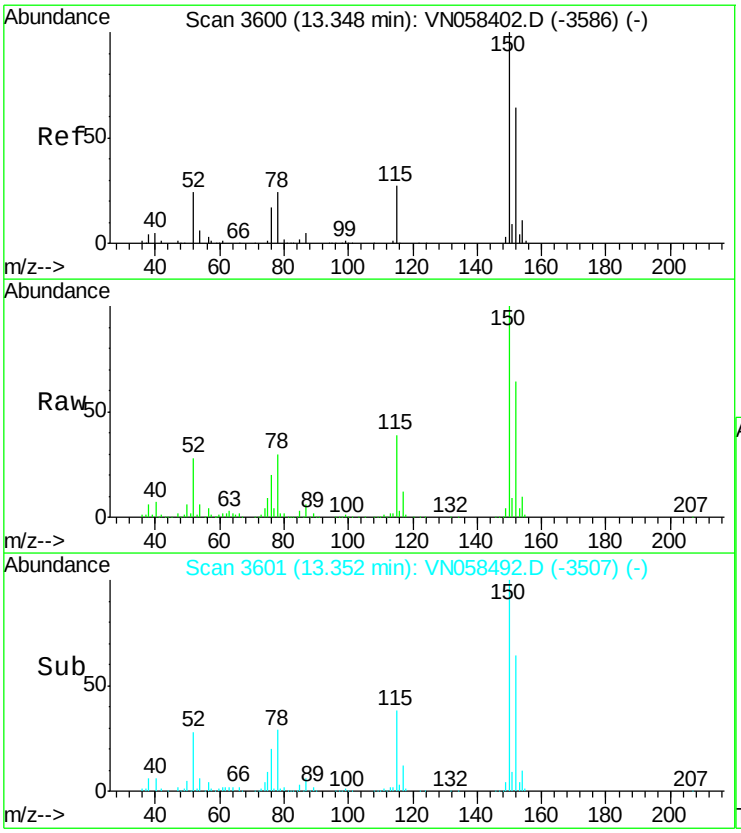
#69
o-Xylene
Concen: 1.221 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:106 Resp: 8579

Ion	Ratio	Lower	Upper
106	100		
91	220.4	109.1	327.4

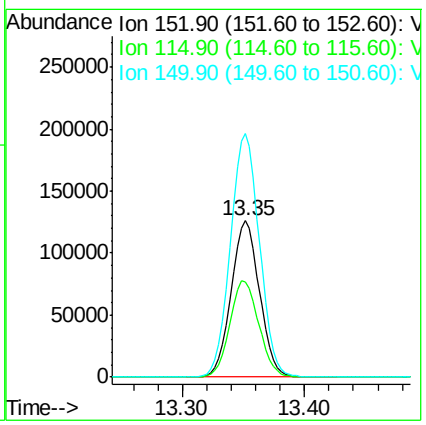


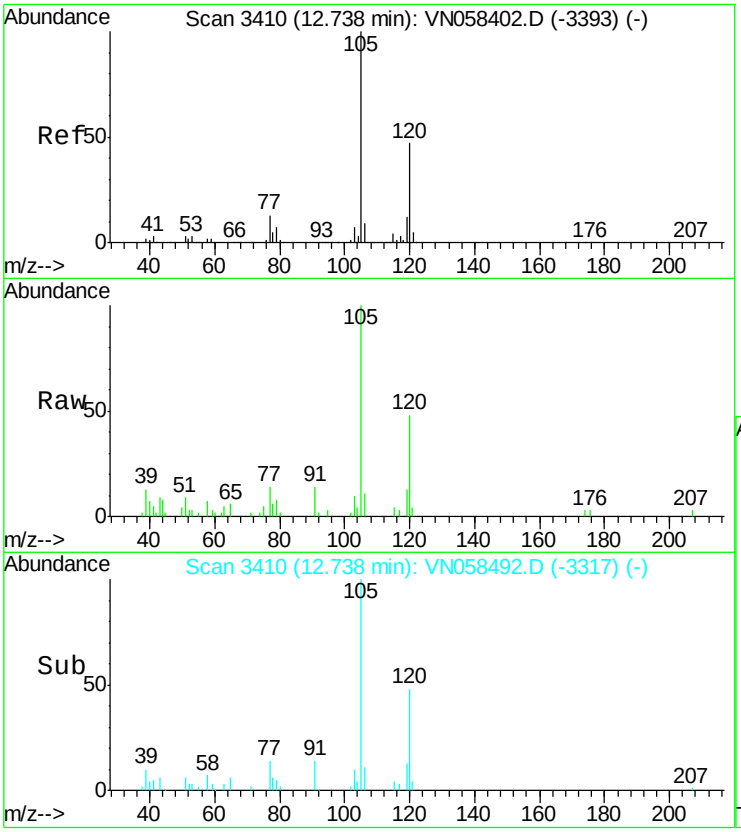


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion:152 Resp: 203438

Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.0	90.0
150	159.5	0.0	348.2



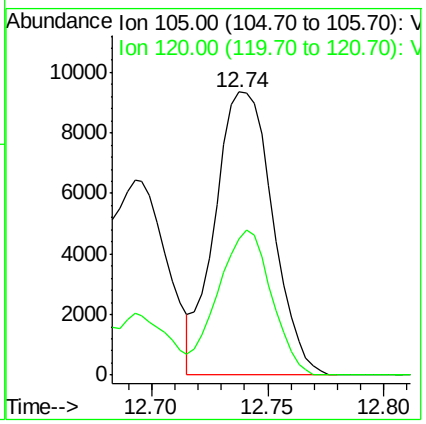


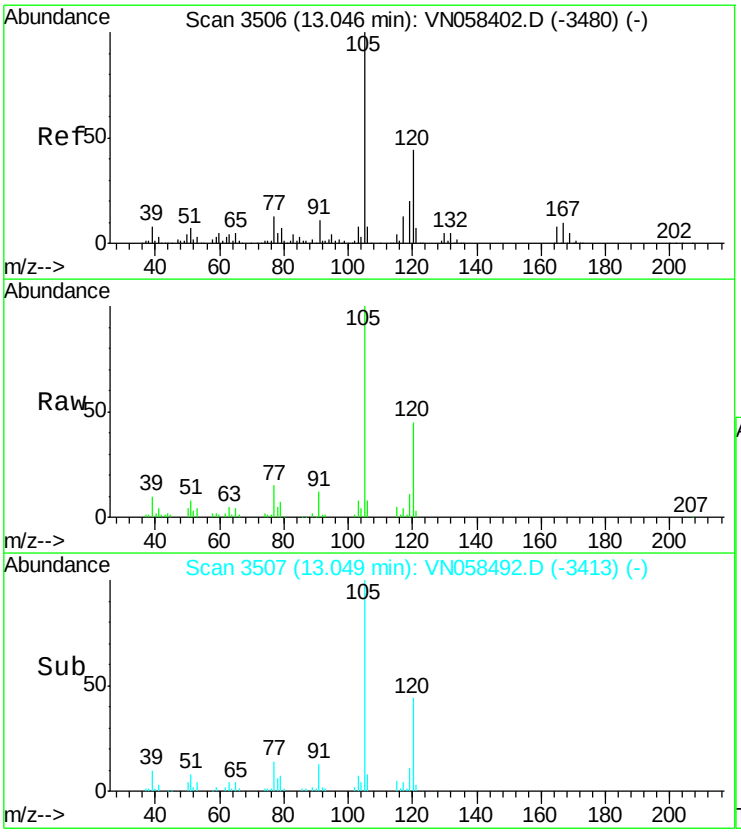
#80
1,3,5-Trimethylbenzene
Concen: 1.291 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:105 Resp: 16249

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.5	70.6

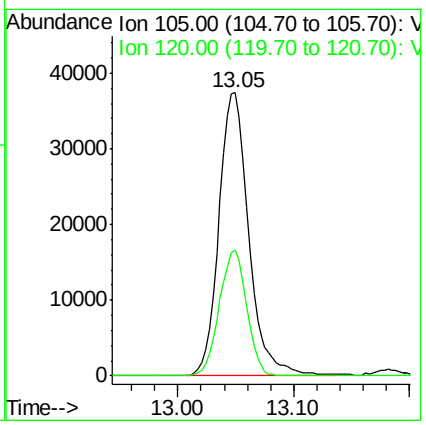


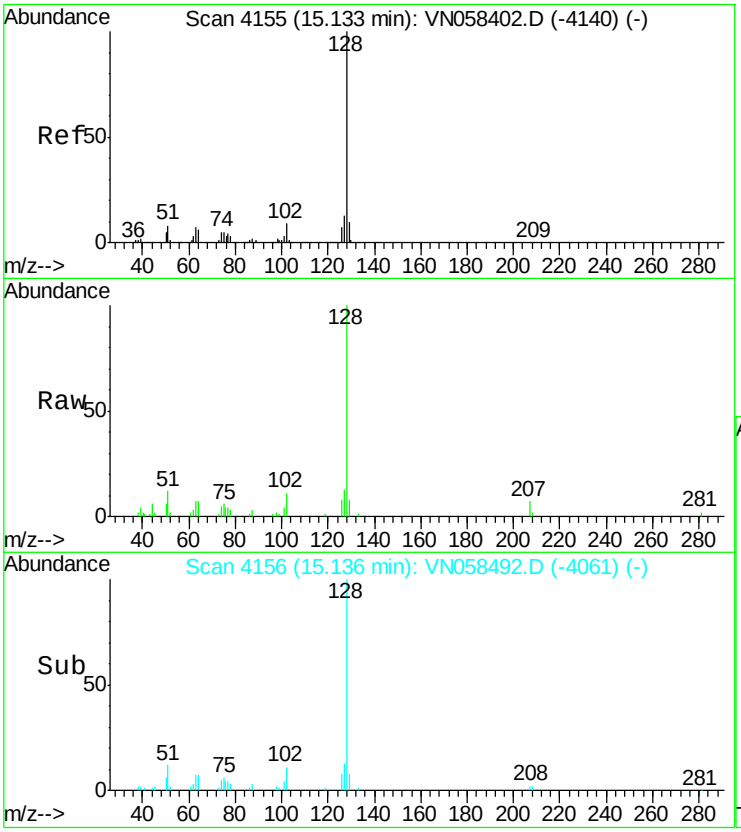


#84
1,2,4-Trimethylbenzene
Concen: 5.293 ug/l
RT: 13.05 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Tgt Ion:105 Resp: 66741

Ion	Ratio	Lower	Upper
105	100		
120	40.5	21.7	65.1





#95
Naphthalene
Concen: 2.554 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058492.D
Acq: 2 Oct 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:128 Resp: 25664

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	9.9	8.3	12.5