Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070819\
Data File : VN056615.D
Acq On : 8 Jul 2019 17:28
Operator : JC/SP
Sample : K3624-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PL-01-070319-A

Quant Time: Jul 09 04:40:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	293386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	513698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	173939	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
35) Dibromofluoromethane	7.59	113	151528	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
50) Toluene-d8	10.09	98	646620	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.40	95	245691	59.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.22%			
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	145149	47.213	ug/l	99
43) Isopropyl Acetate	8.17	43	16325	2.383	ug/l	93
67) Ethyl Benzene	11.51	91	29597	1.557	ug/l	99
68) m/p-Xylenes	11.62	106	48146	6.911	ug/l	98
69) o-Xylene	11.95	106	21233	3.081	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	135326	8.764	ug/l	100
95) Naphthalene	15.13	128	36449	8.353	ug/l	99

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

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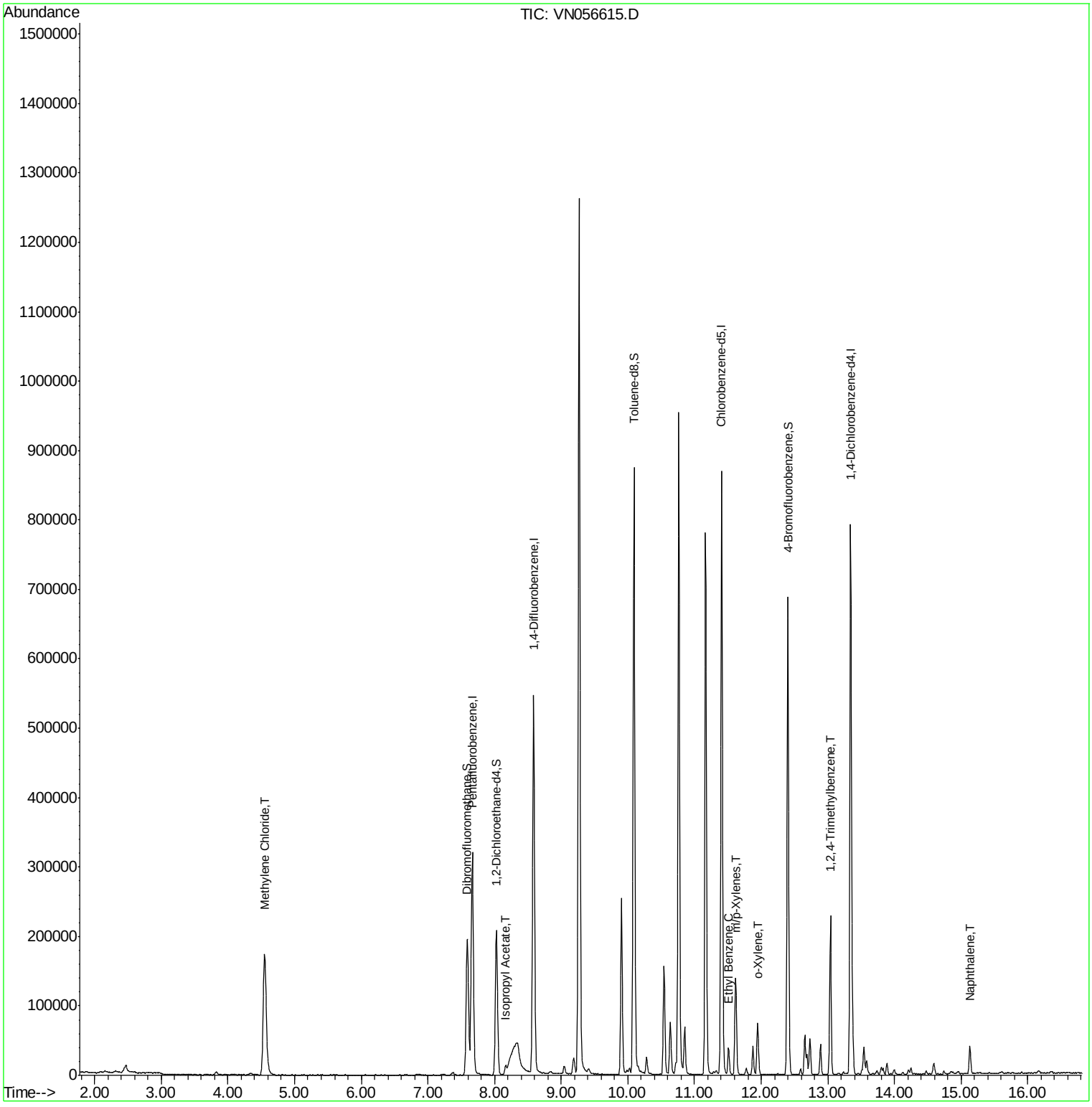
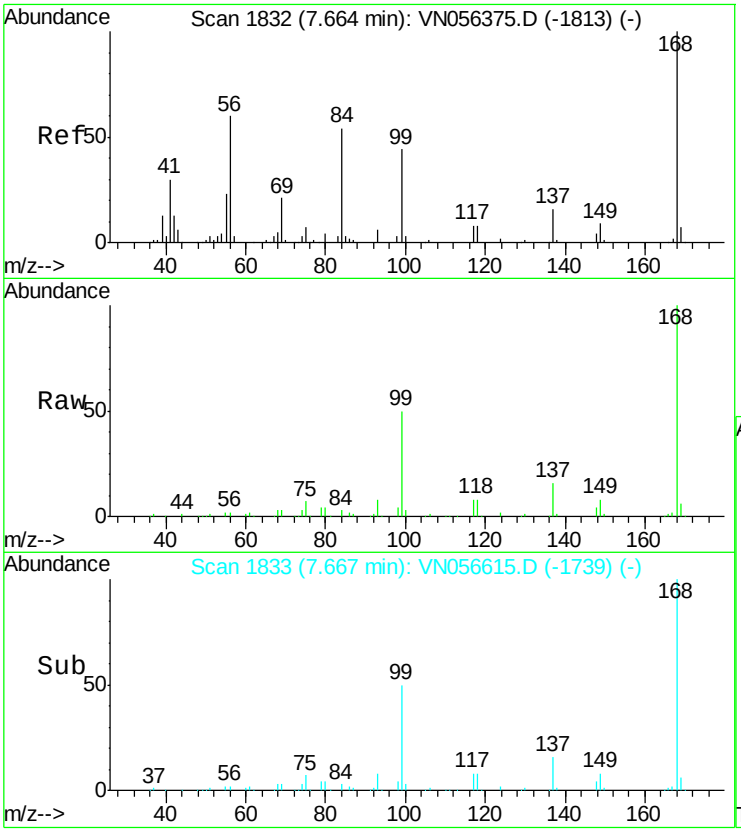


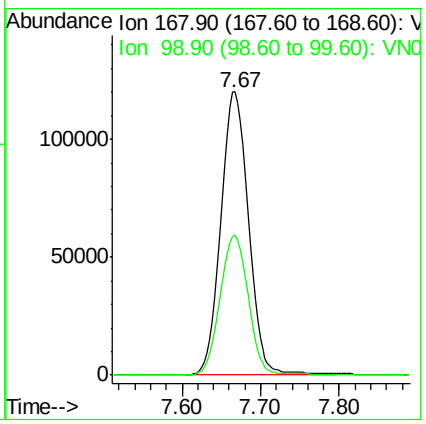


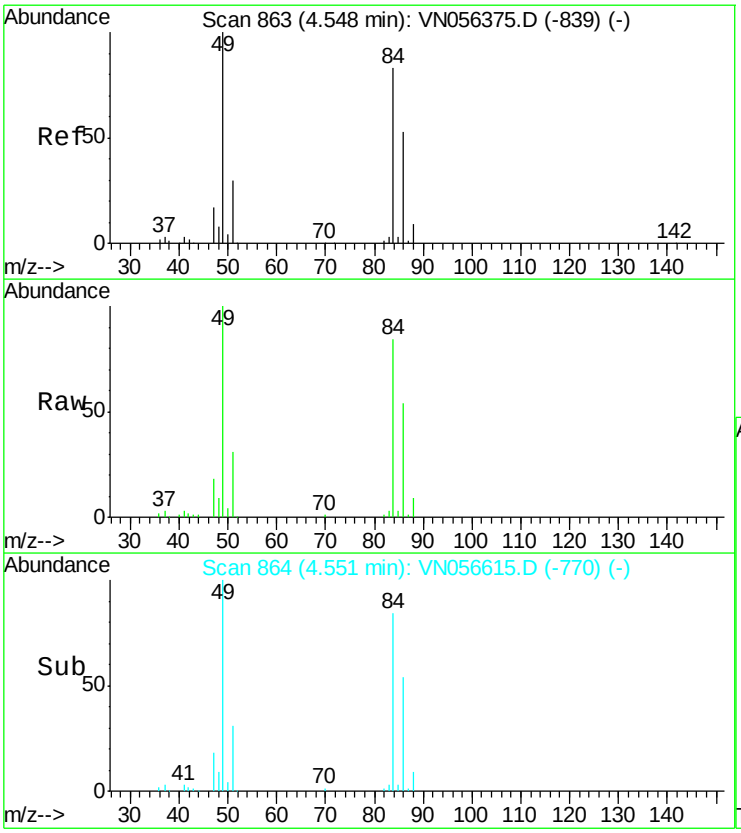
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion:168 Resp: 293386

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.6	61.0

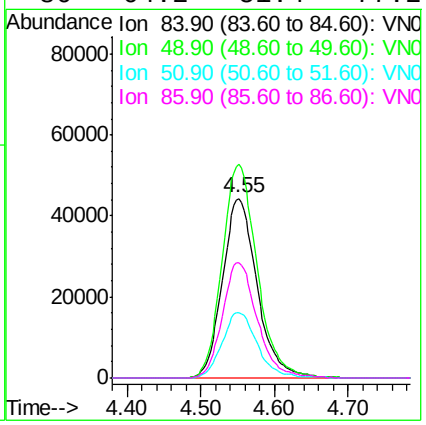


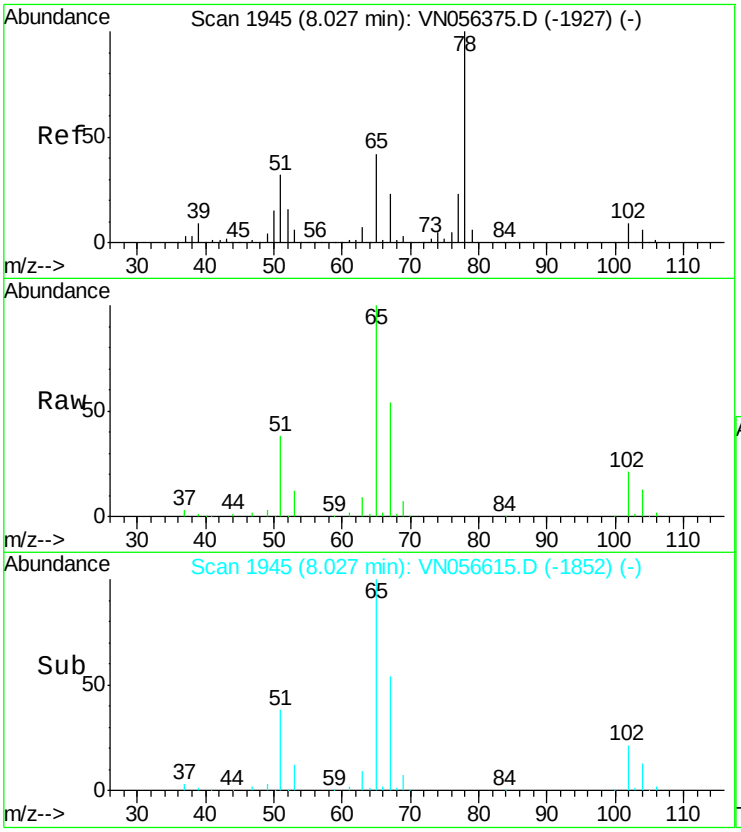


#20
Methylene Chloride
Concen: 47.213 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion: 84 Resp: 145149

Ion	Ratio	Lower	Upper
84	100		
49	118.9	96.4	144.6
51	36.5	28.6	43.0
86	64.2	51.4	77.2



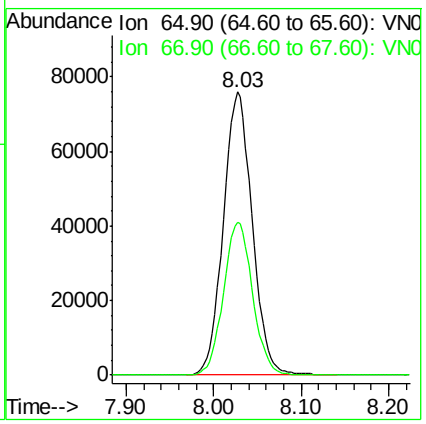


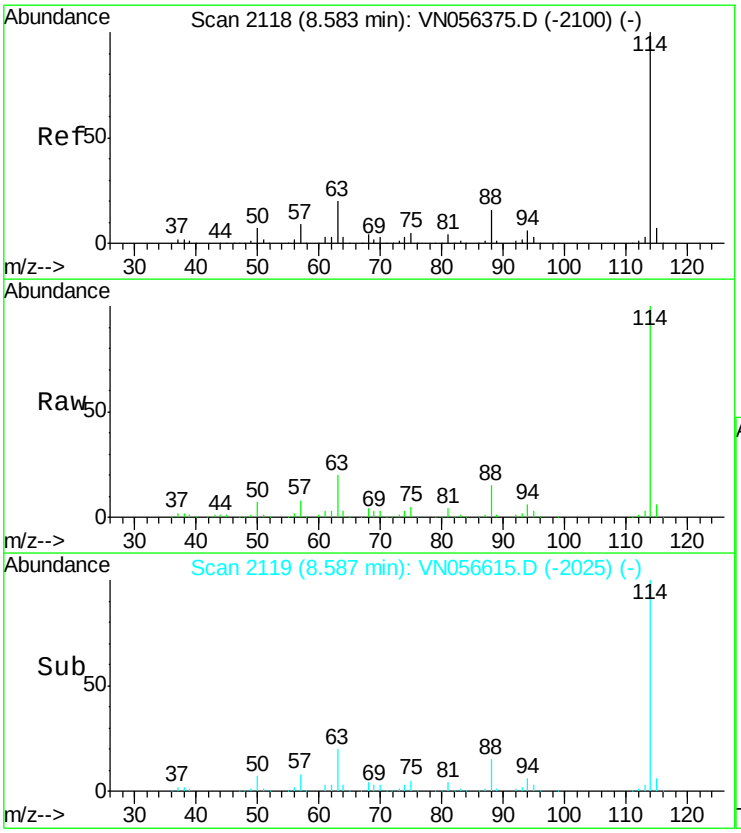
#33
1,2-Dichloroethane-d4
Concen: 53.493 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion: 65 Resp: 173939

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.0

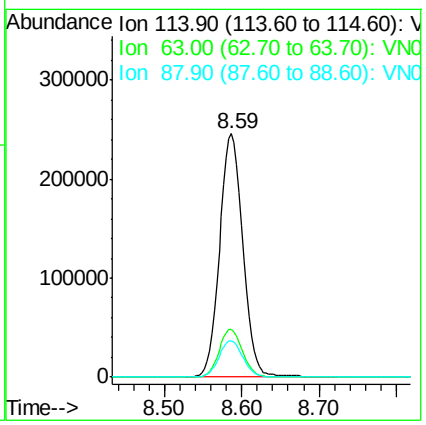


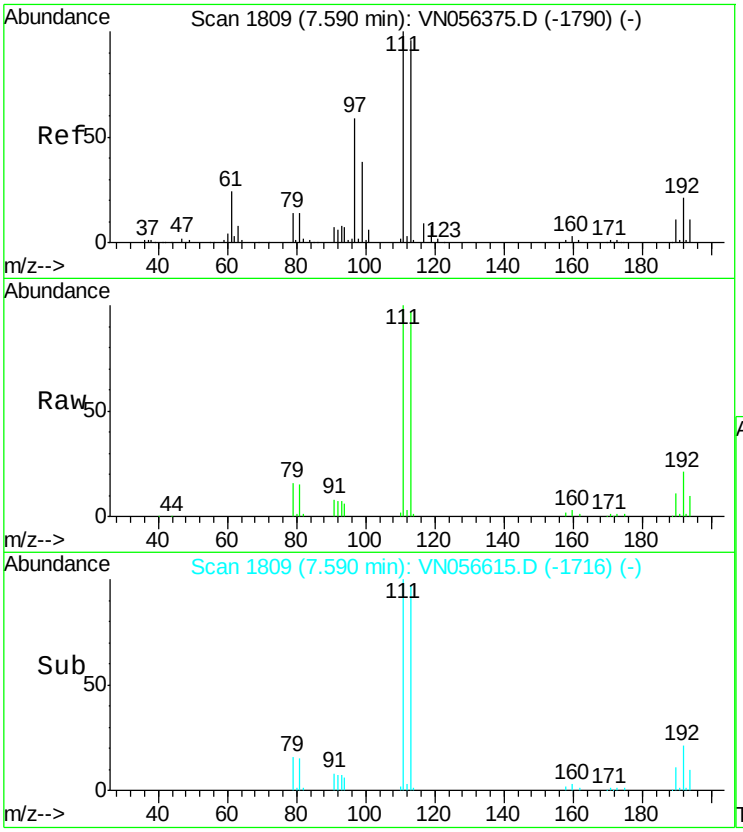


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion:114 Resp: 513698

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	14.9	0.0	31.4



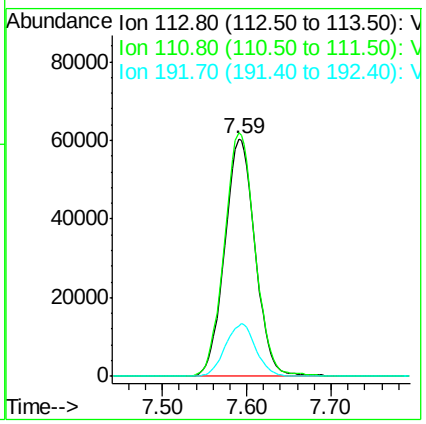


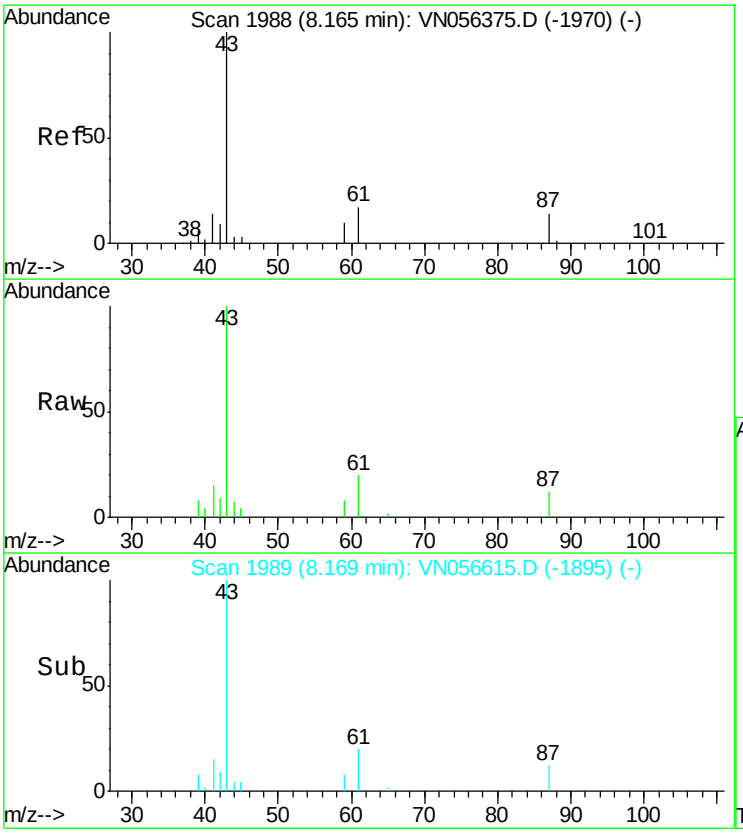
#35
Dibromofluoromethane
Concen: 47.284 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion:113 Resp: 151528

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	22.1	17.7	26.5

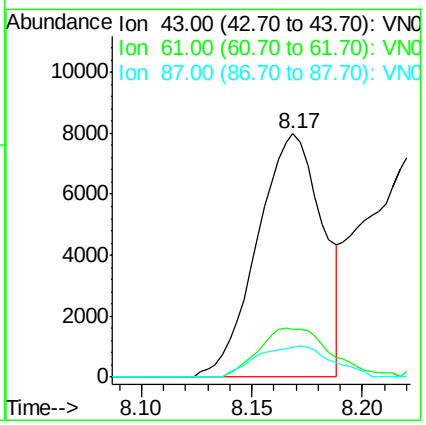


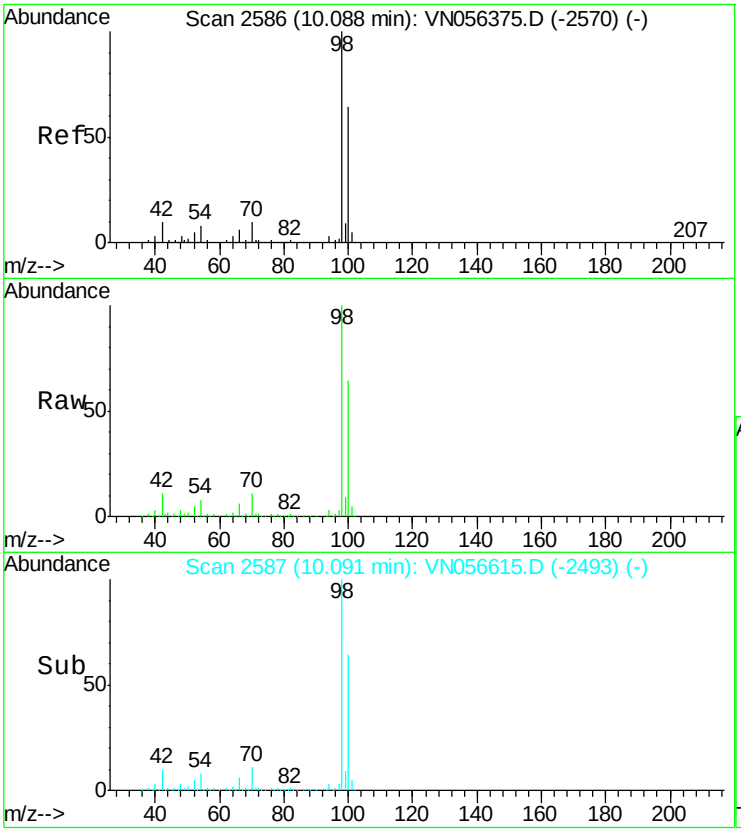


#43
Isopropyl Acetate
Concen: 2.383 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion: 43 Resp: 16325

Ion	Ratio	Lower	Upper
43	100		
61	22.4	22.0	33.0
87	14.7	11.0	16.4



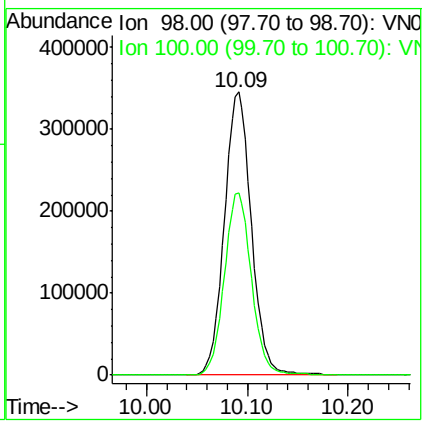


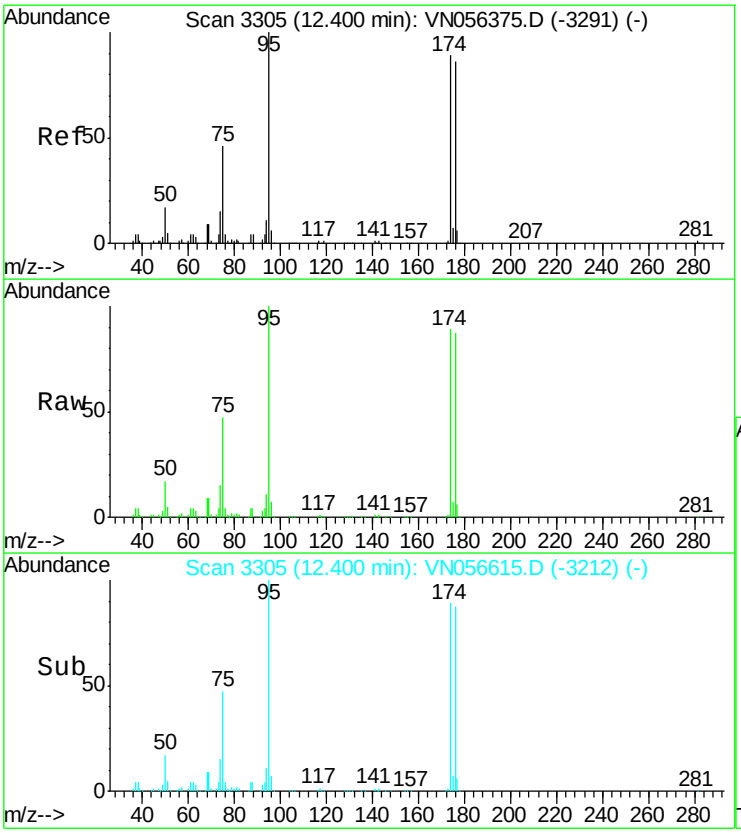
#50
Toluene-d8
Concen: 51.856 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion: 98 Resp: 646620

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

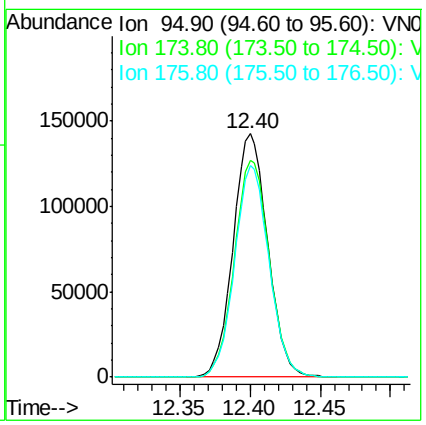


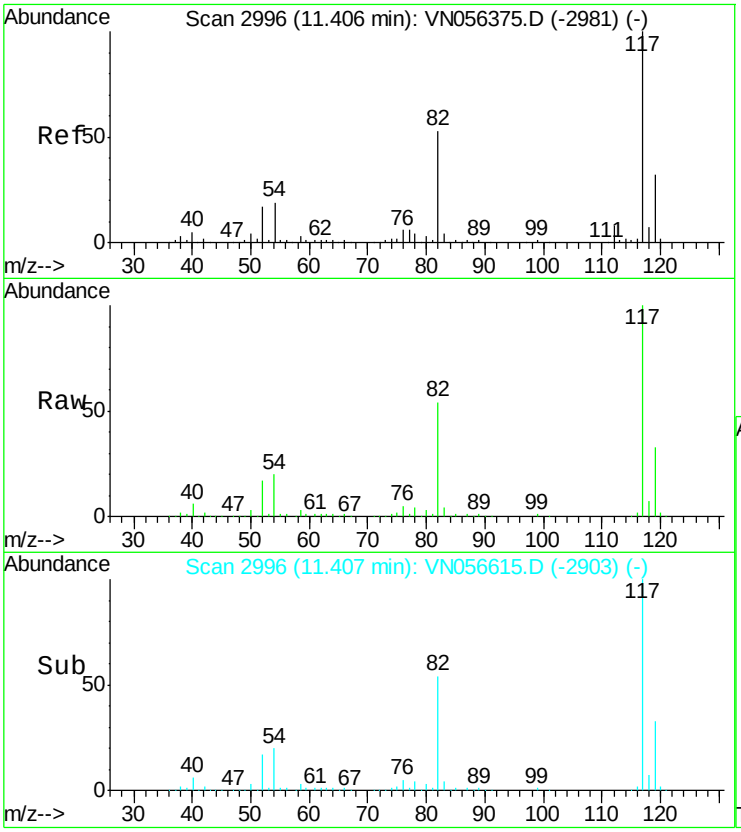


#62
4-Bromofluorobenzene
Concen: 59.106 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion: 95 Resp: 245691

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	179.4
176	86.4	0.0	173.4



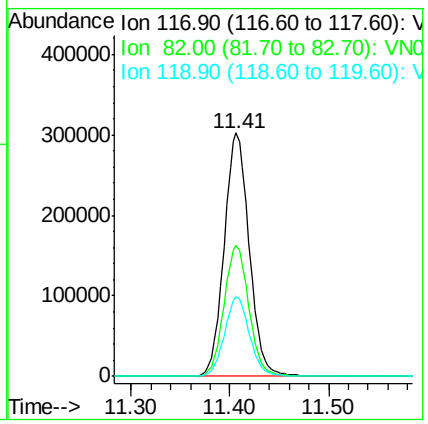


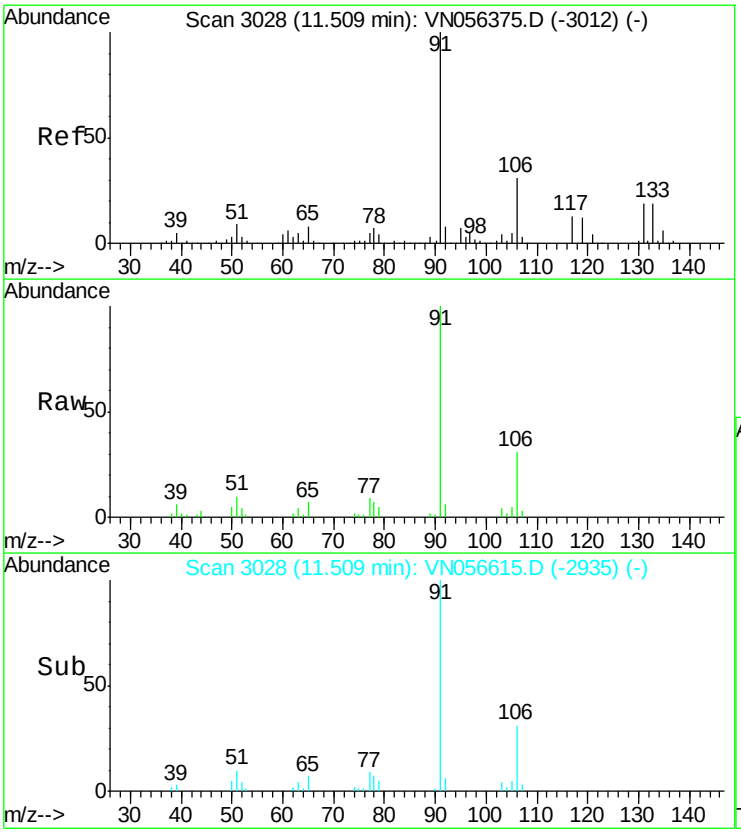
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument : MSVOA_N
ClientSampleId : PL-01-070319-A

Tgt Ion:117 Resp: 538800

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	32.9	25.3	37.9

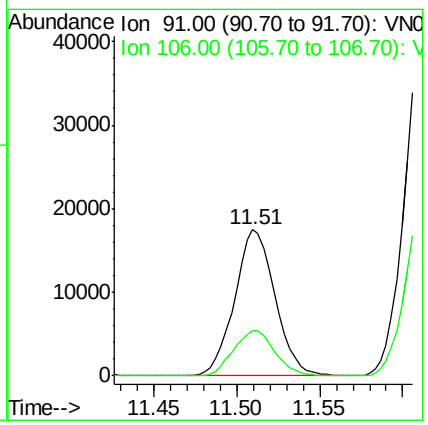


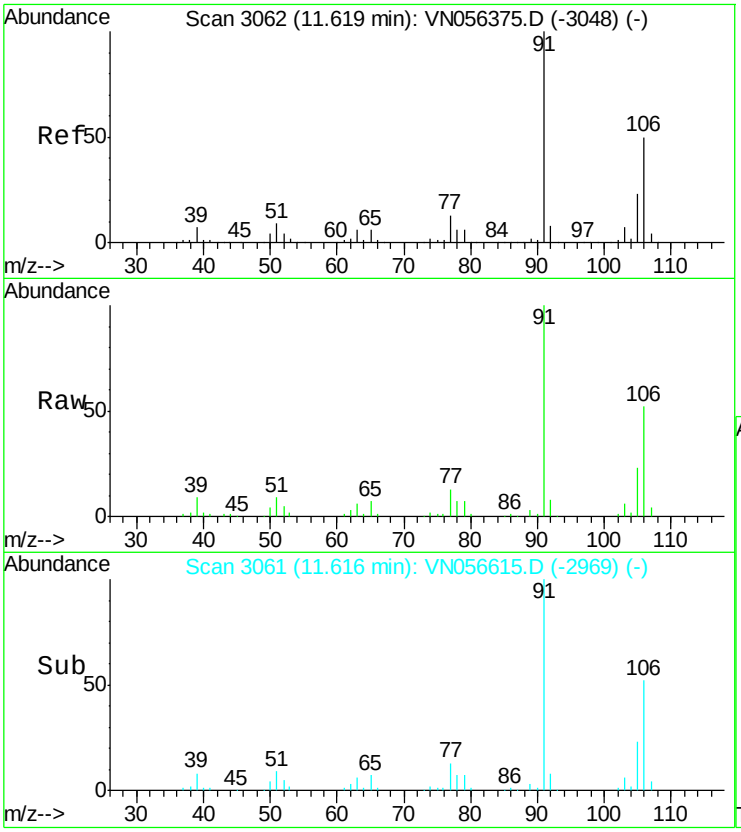


#67
Ethyl Benzene
Concen: 1.557 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion: 91 Resp: 29597

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7



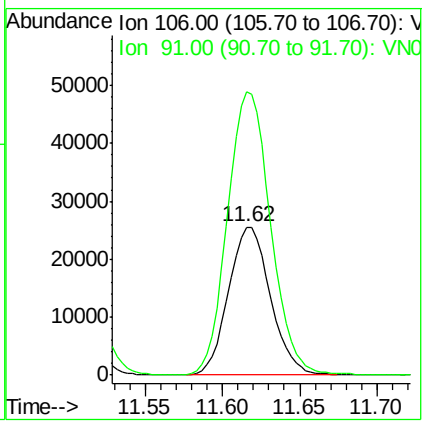


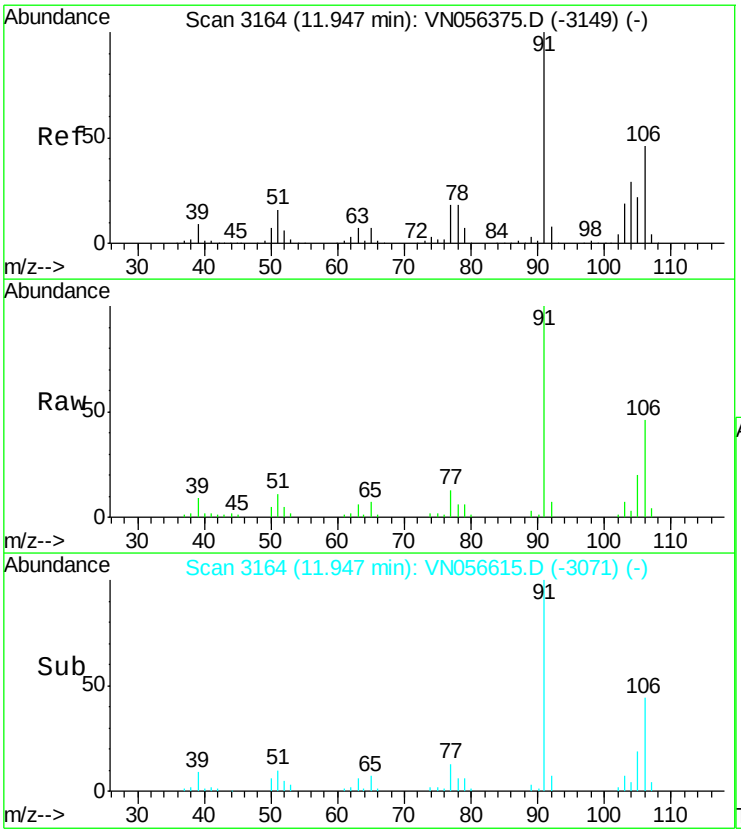
#68
m/p-Xylenes
Concen: 6.911 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion:106 Resp: 48146

Ion	Ratio	Lower	Upper
106	100		
91	196.6	160.1	240.1

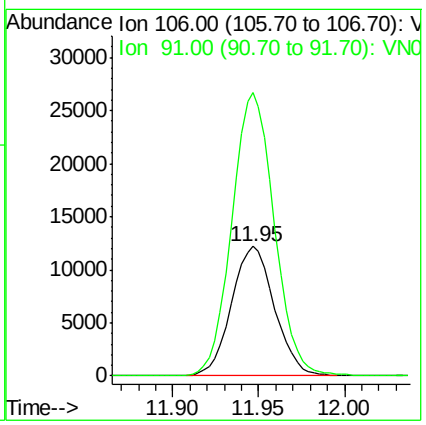


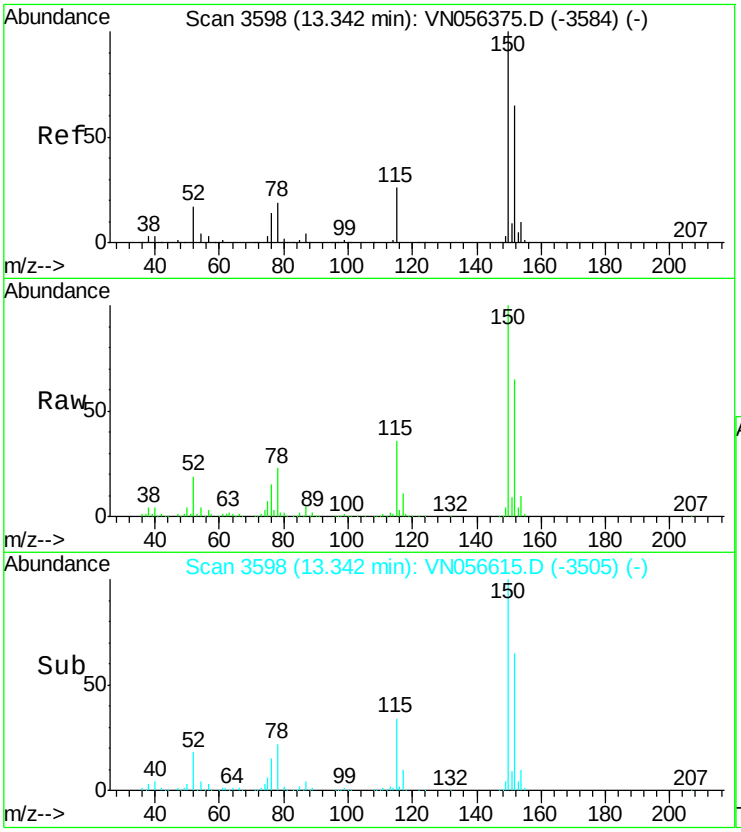


#69
o-Xylene
Concen: 3.081 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion:106 Resp: 21233

Ion	Ratio	Lower	Upper
106	100		
91	215.0	107.1	321.3



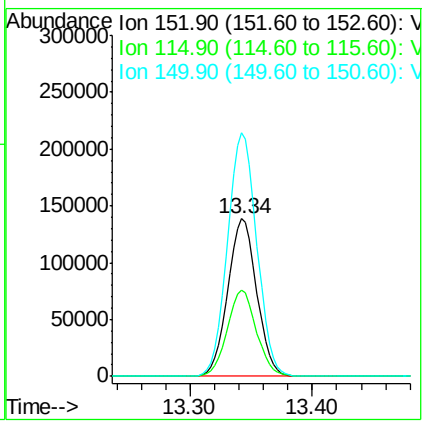


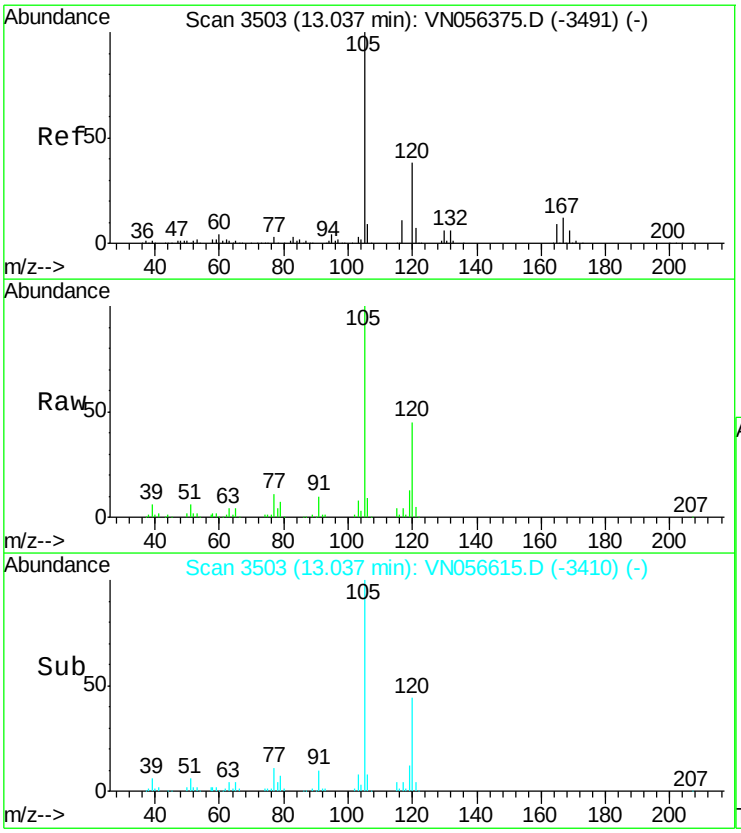
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion:152 Resp: 229371

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.1	84.4
150	156.4	0.0	348.4

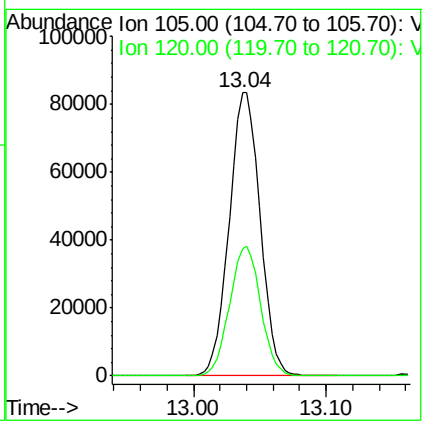


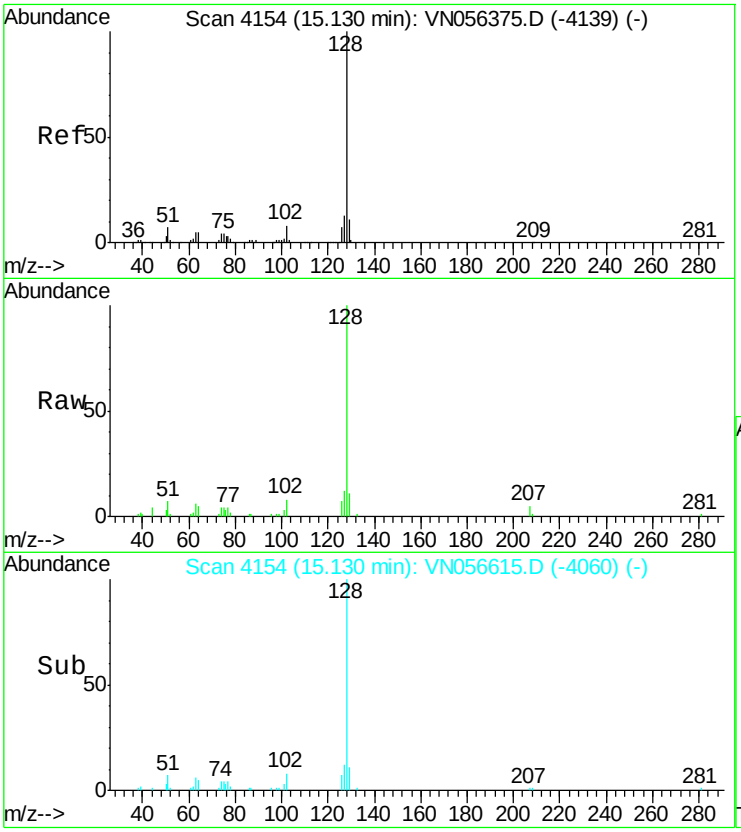


#84
1,2,4-Trimethylbenzene
Concen: 8.764 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Tgt Ion:105 Resp: 135326

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





#95
Naphthalene
Concen: 8.353 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056615.D
Acq: 8 Jul 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PL-01-070319-A

Tgt Ion:128 Resp: 36449

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.9	8.6	12.8