Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
Data File : VN053966.D
Acq On : 26 Feb 2019 20:12
Operator : JC/SP
Sample : K1348-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OK-02-022519

Quant Time: Feb 27 03:27:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1066396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1051964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378061	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.52%			
35) Dibromofluoromethane	7.59	113	344898	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.02%			
50) Toluene-d8	10.09	98	1354086	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.50%			
62) 4-Bromofluorobenzene	12.40	95	471622	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.28%			
Target Compounds						Qvalue
16) Acetone	3.82	43	22784	1.041	ug/l	97
20) Methylene Chloride	4.55	84	309586	47.787	ug/l	89
43) Isopropyl Acetate	8.17	43	31293	2.617	ug/l #	90
67) Ethyl Benzene	11.51	91	112465	3.022	ug/l	98
68) m/p-Xylenes	11.62	106	220240	15.678	ug/l	99
69) o-Xylene	11.95	106	100133	7.255	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	133304	4.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	735699	27.124	ug/l	99
95) Naphthalene	15.13	128	30777	4.918	ug/l	98

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

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OK-02-022519

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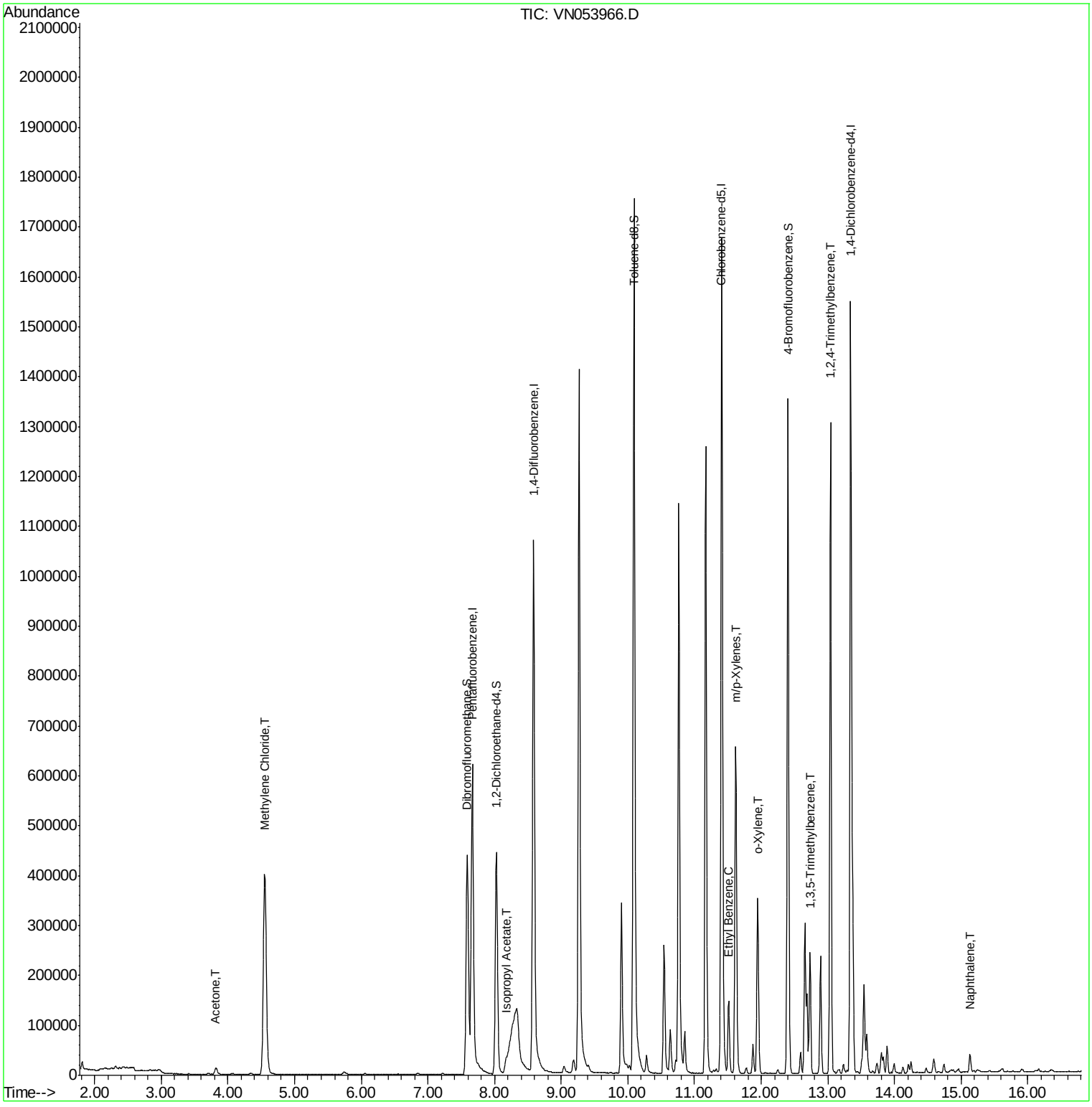
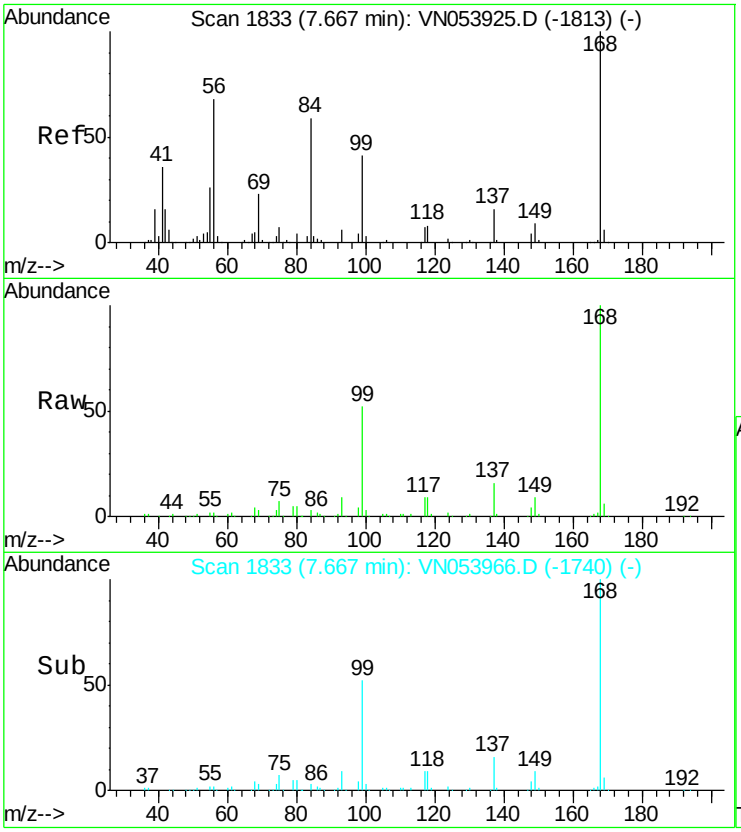
Response via : Initial Calibration



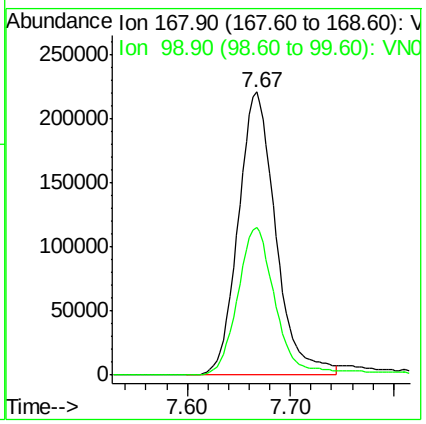


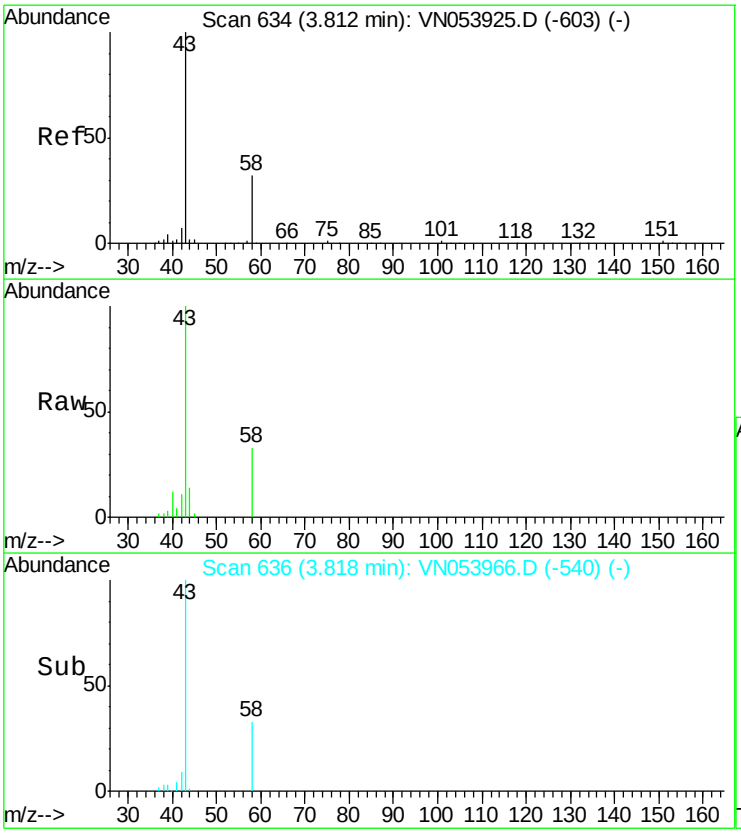
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion:168 Resp: 558401

Ion	Ratio	Lower	Upper
168	100		
99	52.2	36.9	55.3

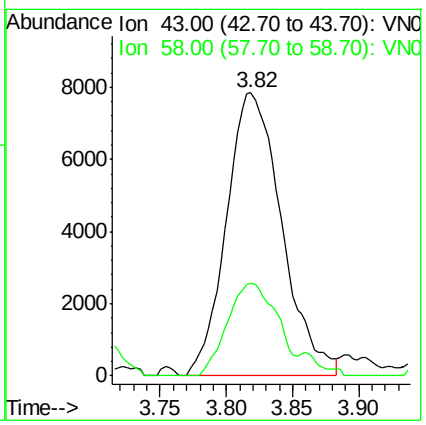


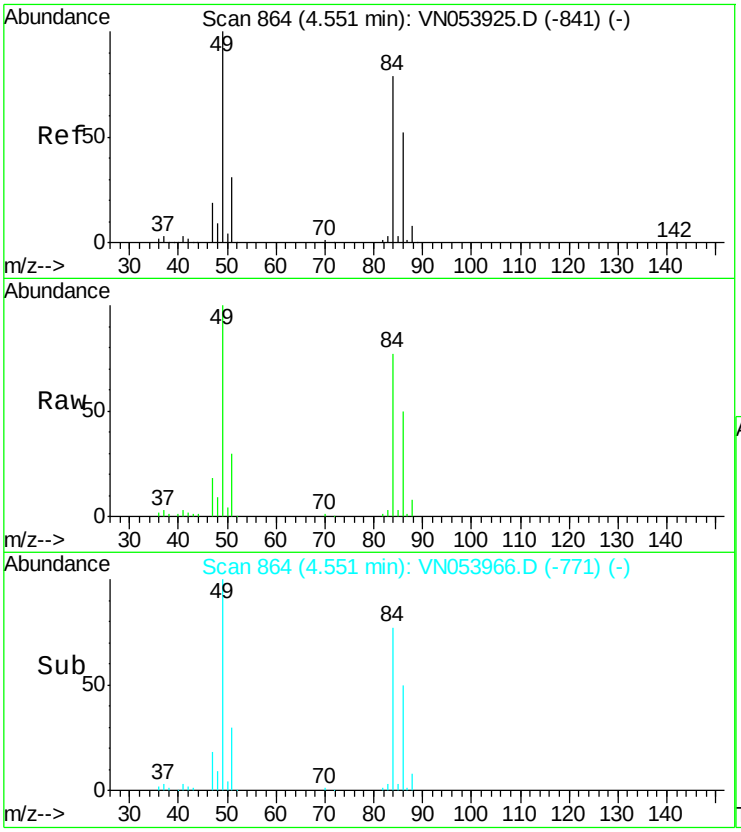


#16
Acetone
Concen: 1.041 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion: 43 Resp: 22784

Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.6	41.4



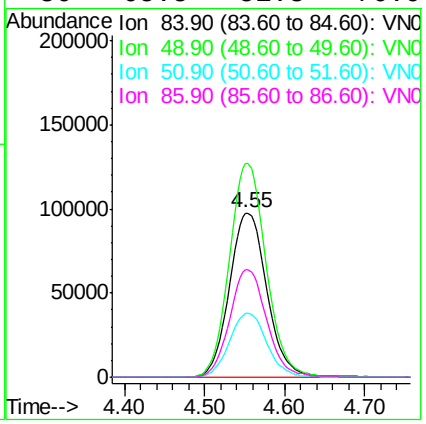


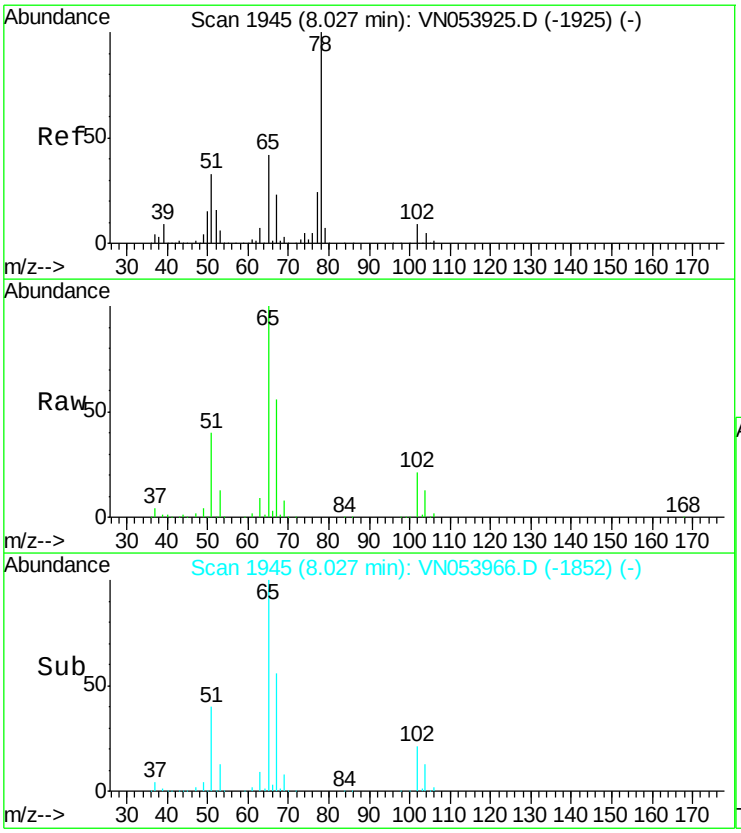
#20
Methylene Chloride
Concen: 47.787 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion: 84 Resp: 309586

Ion	Ratio	Lower	Upper
84	100		
49	129.8	89.7	134.5
51	39.1	27.8	41.8
86	65.5	51.3	76.9

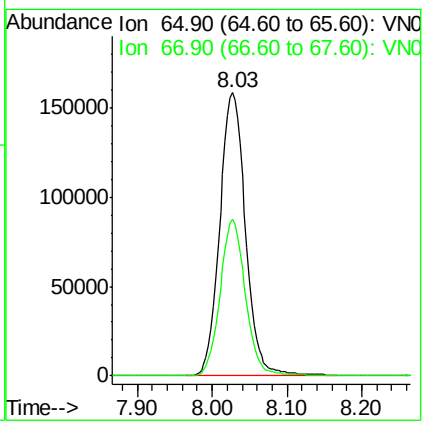


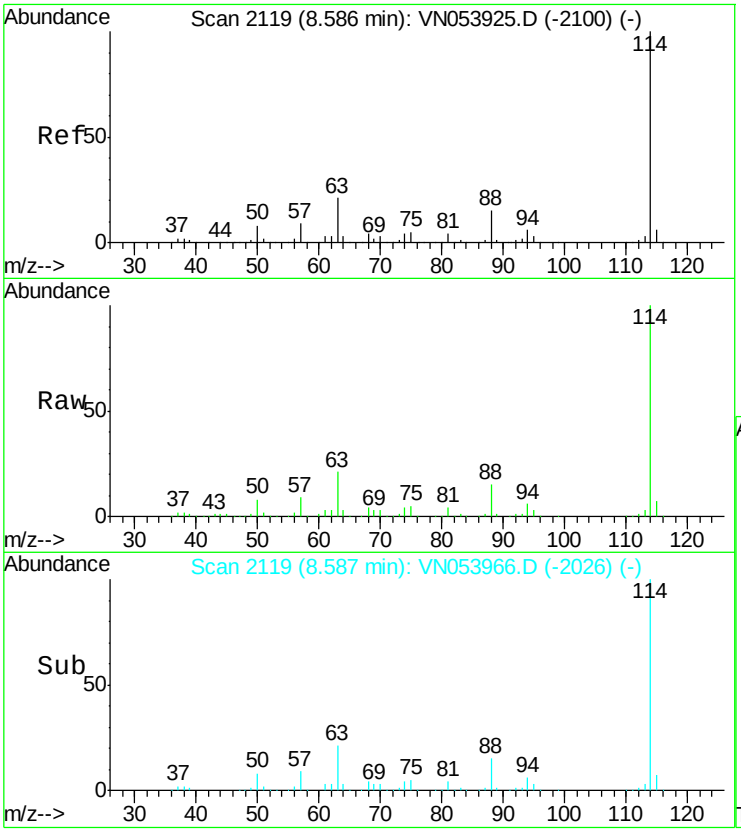


#33
1,2-Dichloroethane-d4
Concen: 57.757 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion: 65 Resp: 378061

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.8



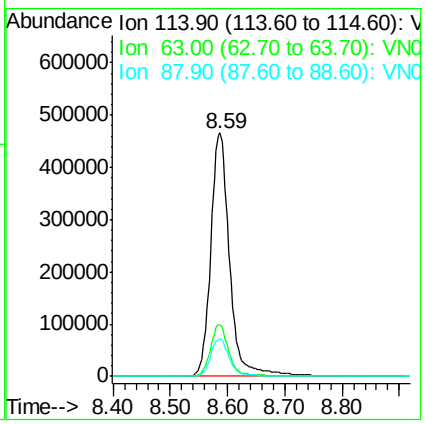


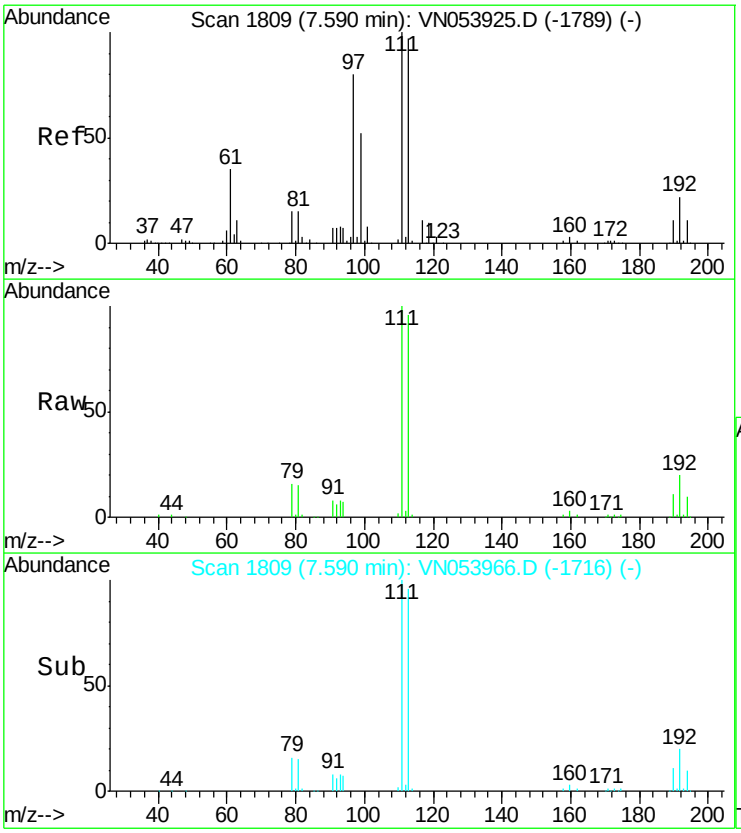
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion:114 Resp: 1066396

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	15.2	0.0	30.4

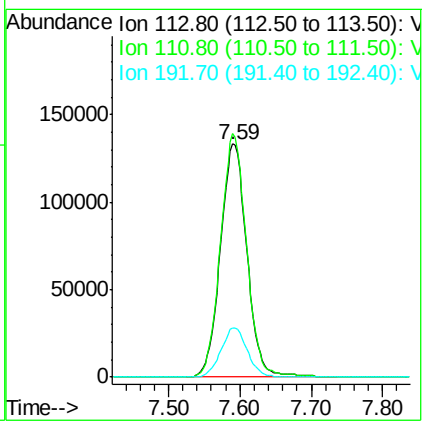


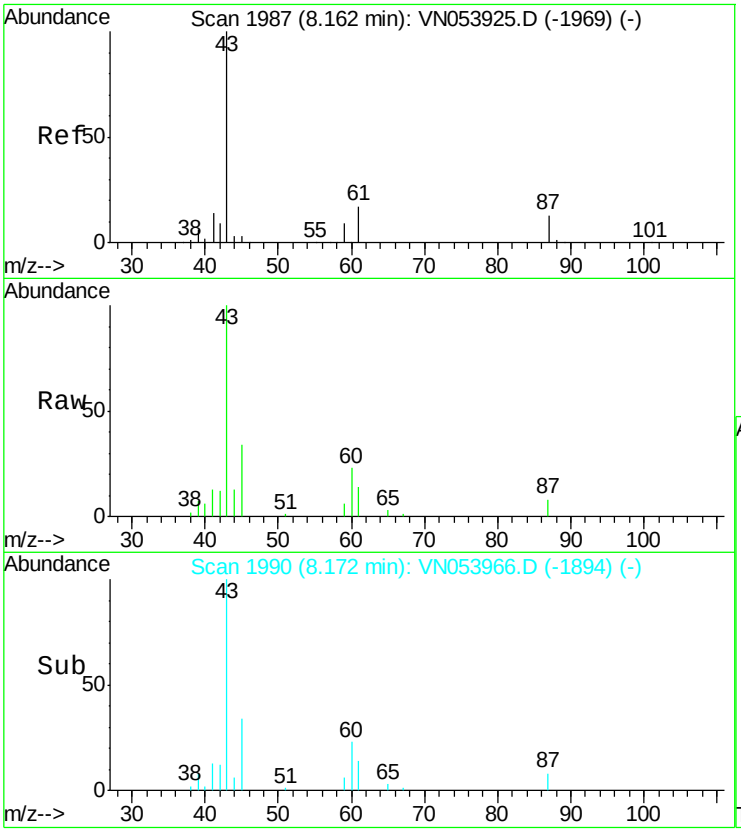


#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion:113 Resp: 344898

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	21.0	18.8	28.2



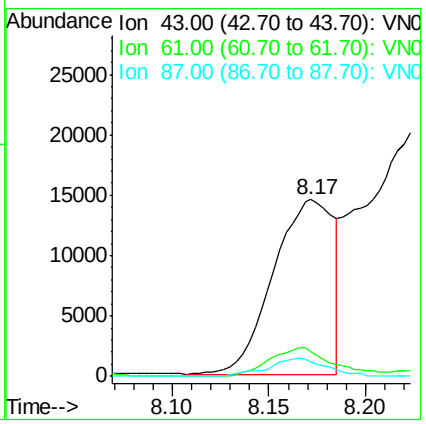


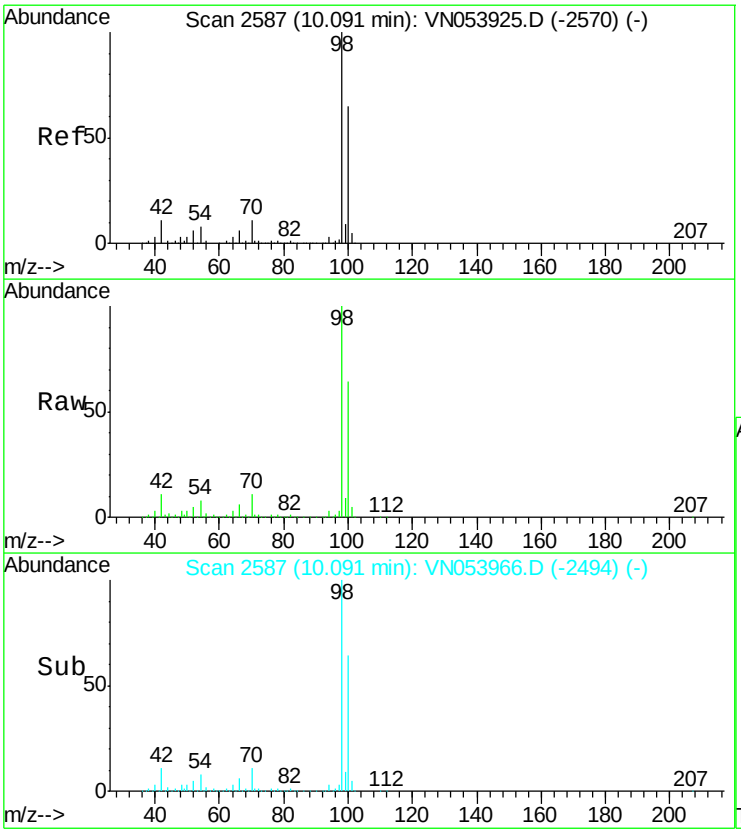
#43
Isopropyl Acetate
Concen: 2.617 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument : MSVOA_N
ClientSampleId : OK-02-022519

Tgt Ion: 43 Resp: 31293

Ion	Ratio	Lower	Upper
43	100		
61	17.0	17.4	26.0#
87	9.8	11.5	17.3#

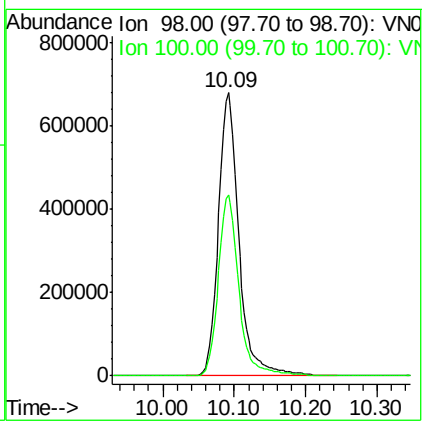


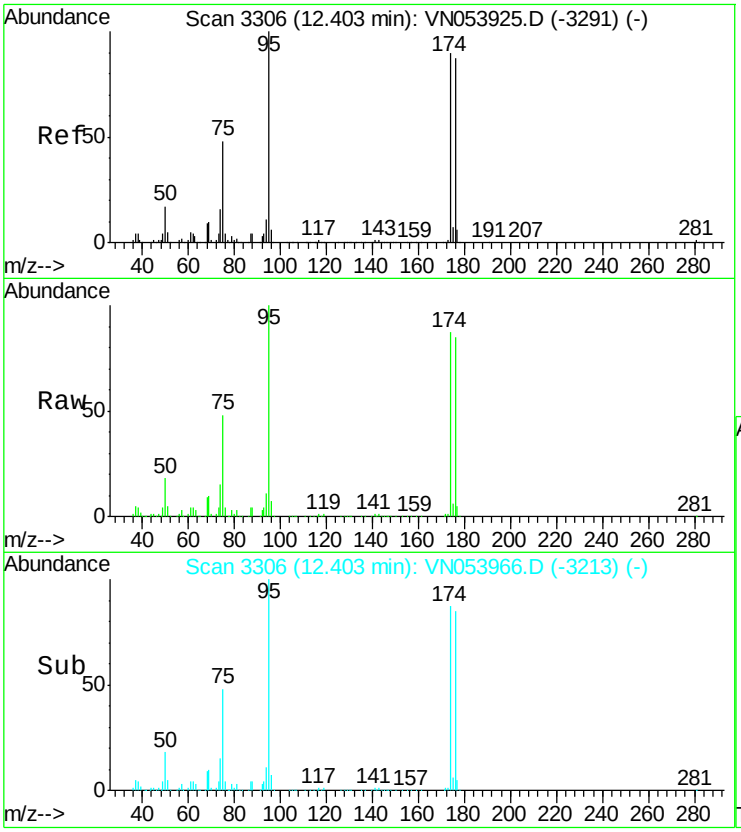


#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion: 98 Resp: 1354086

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



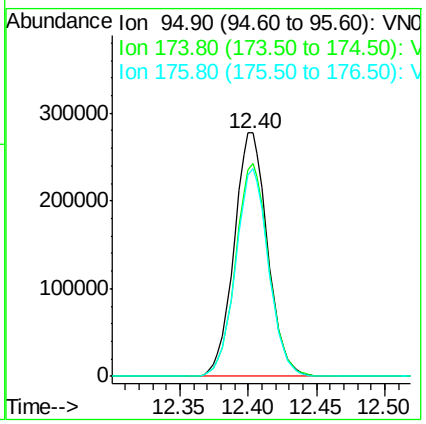


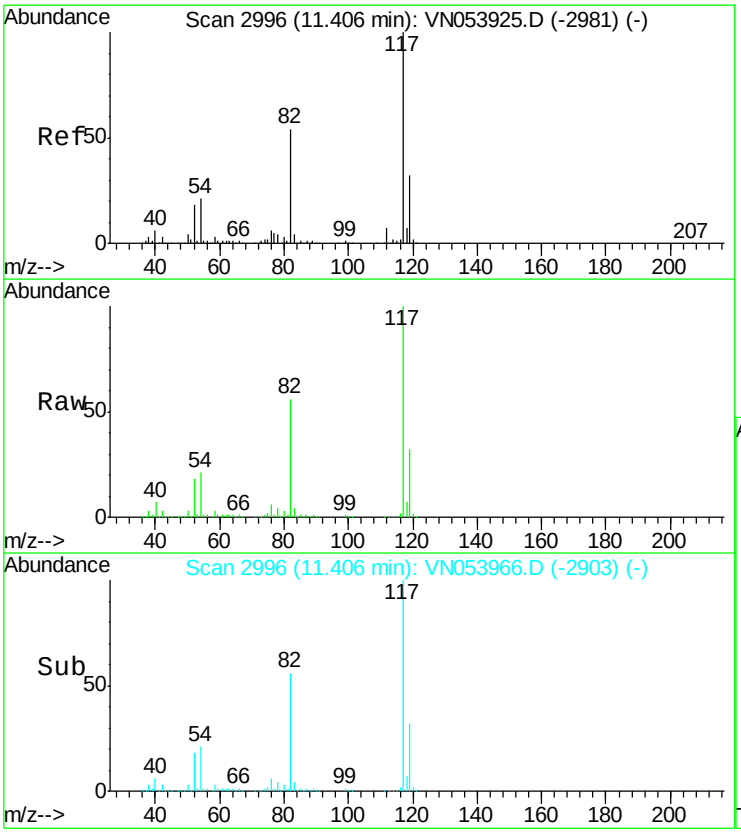
#62
4-Bromofluorobenzene
Concen: 55.143 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion: 95 Resp: 471622

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	188.8
176	84.2	0.0	182.6

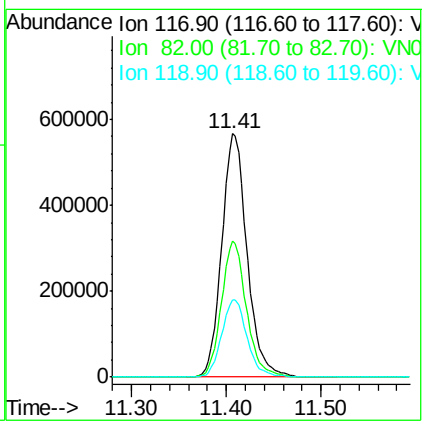


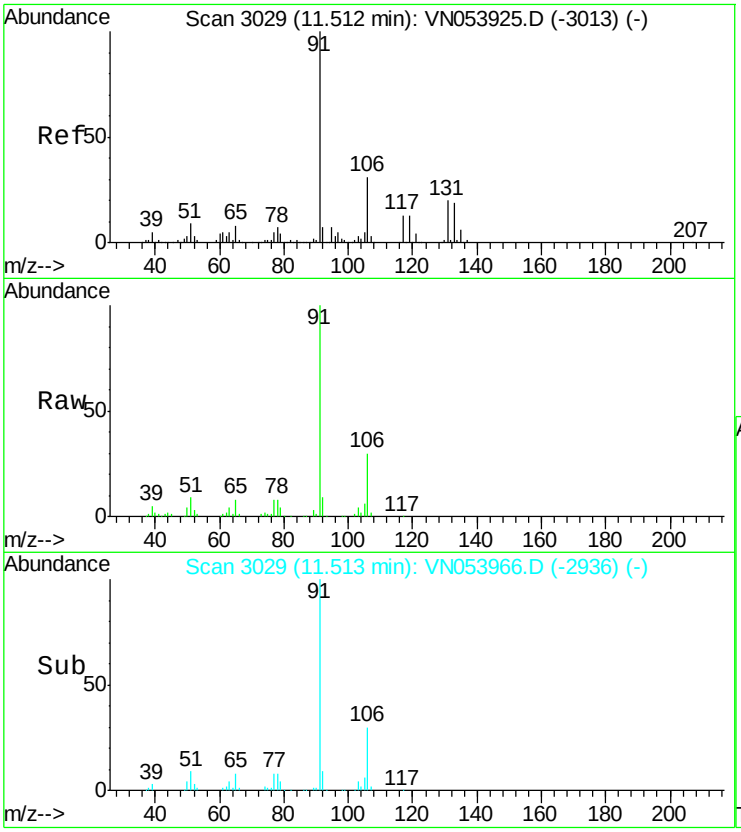


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion:117 Resp: 1051964

Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.4	62.2
119	31.9	25.3	37.9



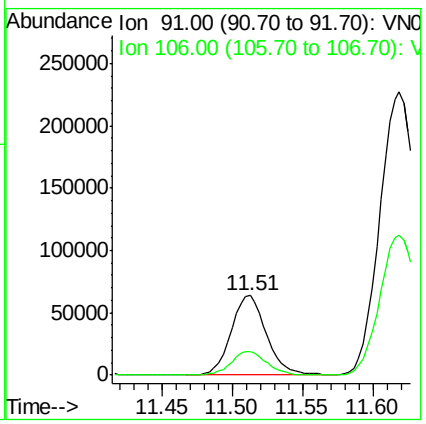


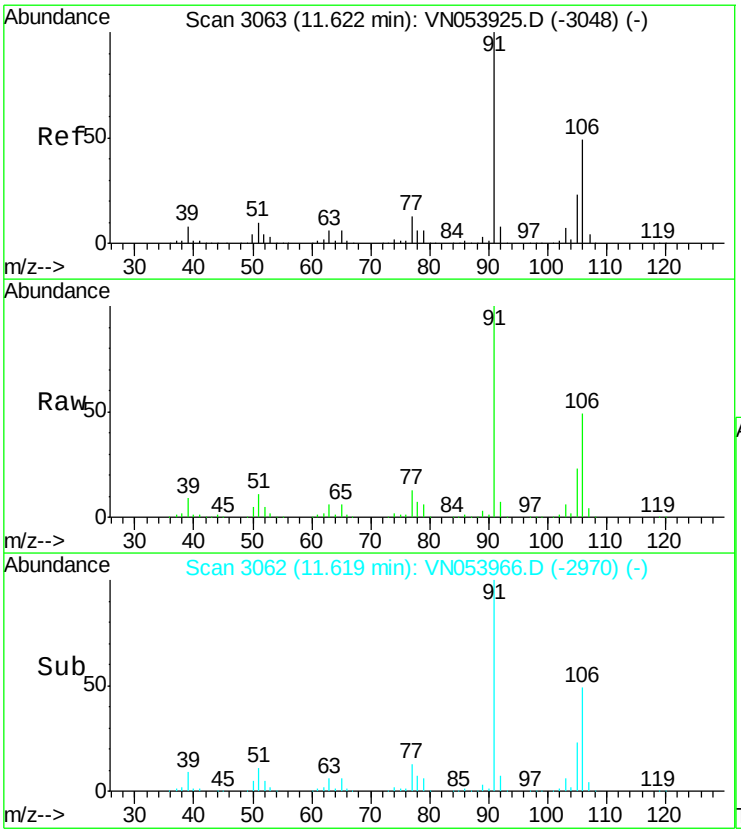
#67
Ethyl Benzene
Concen: 3.022 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument : MSVOA_N
ClientSampleId : OK-02-022519

Tgt Ion: 91 Resp: 112465

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.2	37.8

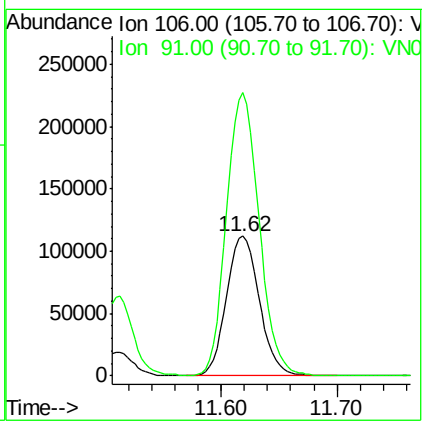


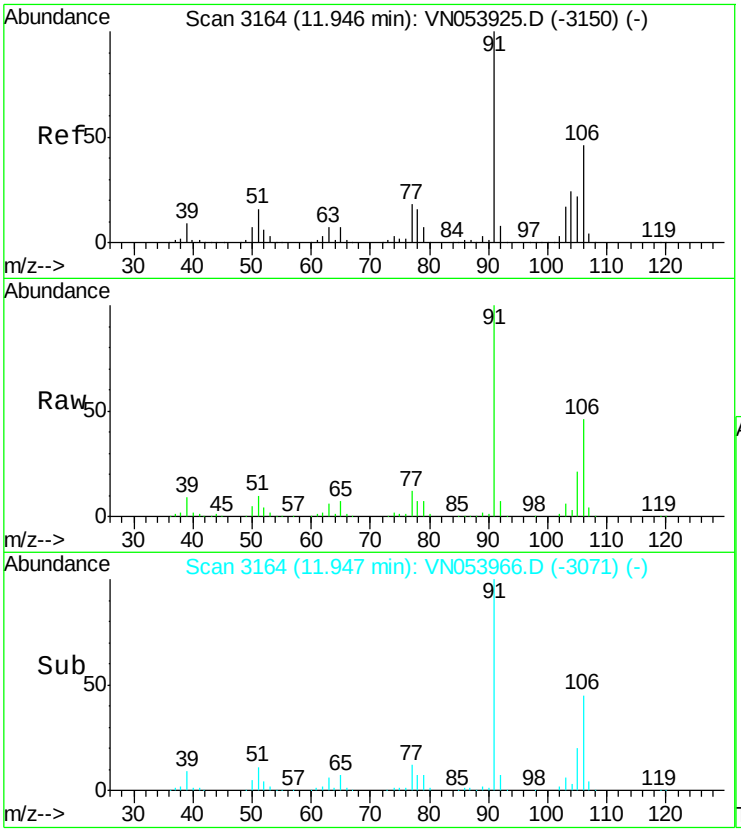


#68
m/p-Xylenes
Concen: 15.678 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion:106 Resp: 220240

Ion	Ratio	Lower	Upper
106	100		
91	200.8	158.9	238.3



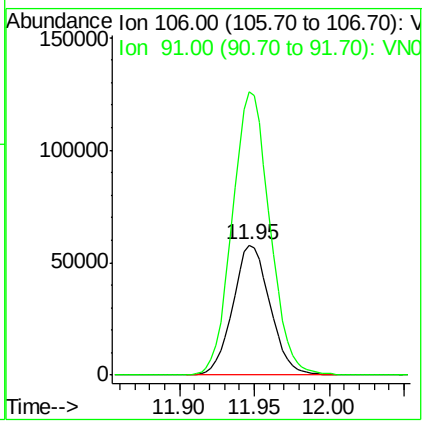


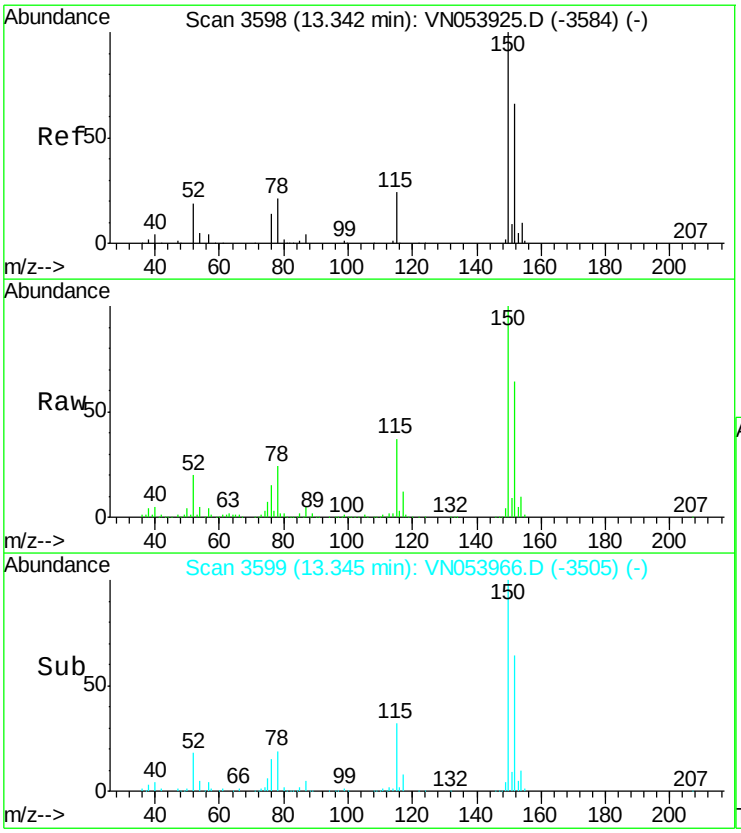
#69
o-Xylene
Concen: 7.255 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion:106 Resp: 100133

Ion	Ratio	Lower	Upper
106	100		
91	220.0	106.0	318.0

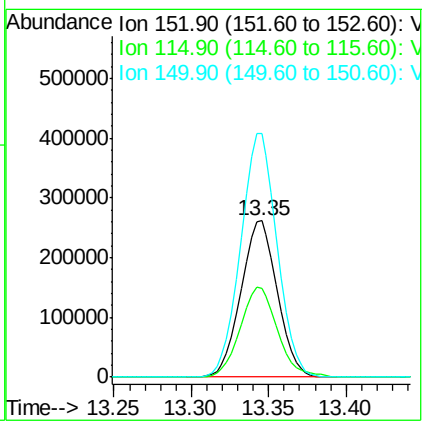


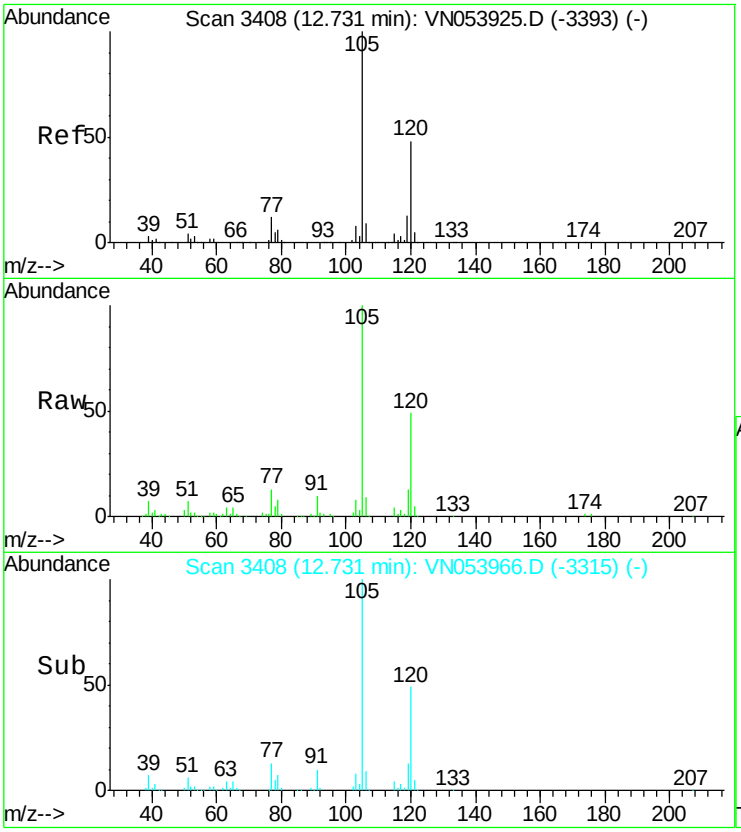


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion:152 Resp: 426322

Ion	Ratio	Lower	Upper
152	100		
115	59.5	27.2	81.6
150	156.3	0.0	348.2



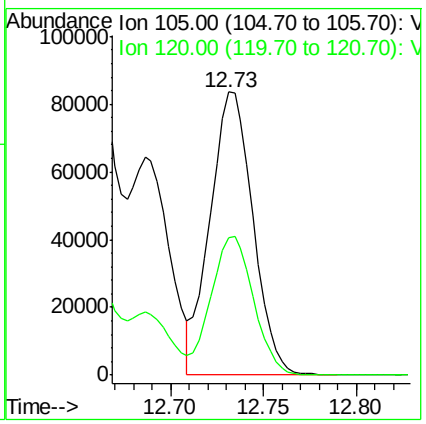


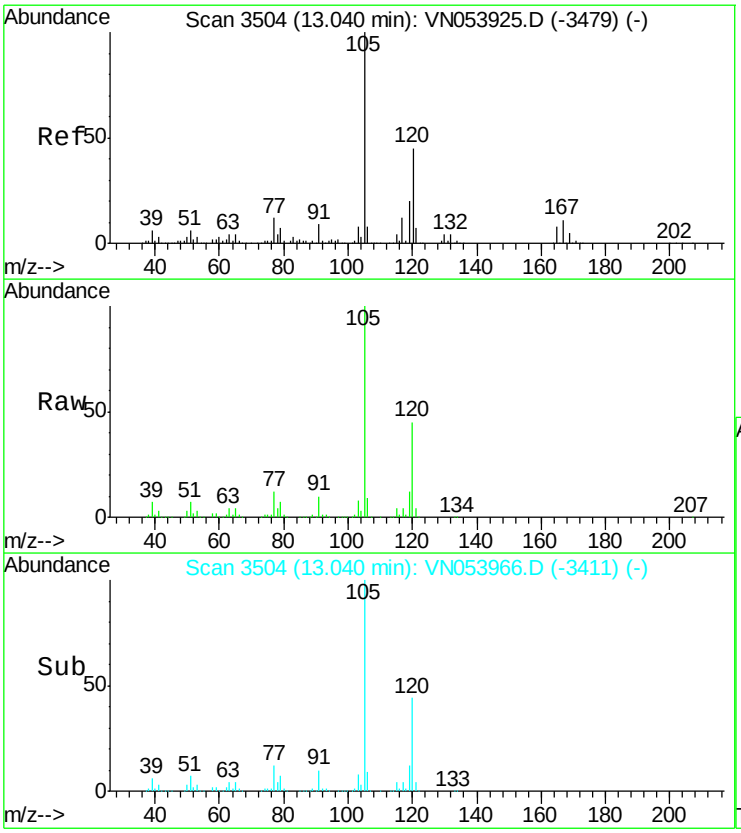
#80
1,3,5-Trimethylbenzene
Concen: 4.907 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion:105 Resp: 133304

Ion	Ratio	Lower	Upper
105	100		
120	49.1	25.1	75.2

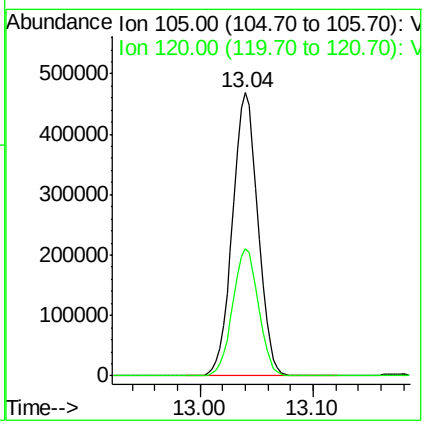


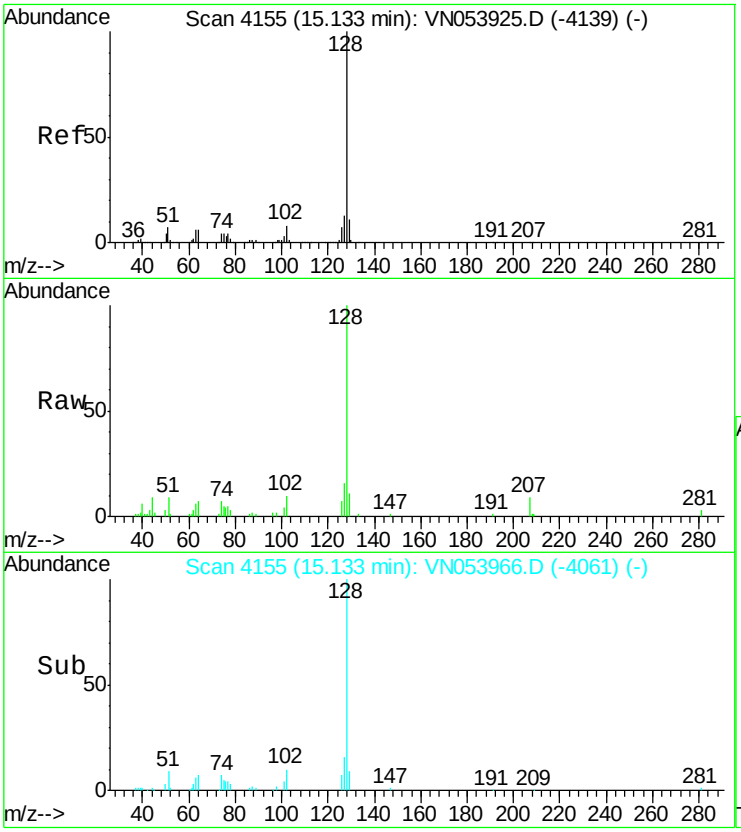


#84
1,2,4-Trimethylbenzene
Concen: 27.124 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Tgt Ion:105 Resp: 735699

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.5





#95
Naphthalene
Concen: 4.918 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053966.D
Acq: 26 Feb 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
OK-02-022519

Tgt Ion:128 Resp: 30777

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	10.3	8.6	12.8