Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081419\
Data File : VN057286.D
Acq On : 14 Aug 2019 14:33
Operator : JC/SP
Sample : K4231-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : REACTOR-3-B-(3)

Quant Time: Aug 14 15:03:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 11:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1094747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1530386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1269140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	529381	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
35) Dibromofluoromethane	7.58	113	467495	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.68%			
50) Toluene-d8	10.09	98	1783125	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	12.40	95	467768	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.54%			
Target Compounds						Qvalue
16) Acetone	3.81	43	52616	13.897	ug/l	97
18) Methyl Acetate	4.32	43	28108	1.757	ug/l	98
20) Methylene Chloride	4.54	84	68148	6.162	ug/l	96
43) Isopropyl Acetate	8.16	43	150640	8.505	ug/l #	82

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

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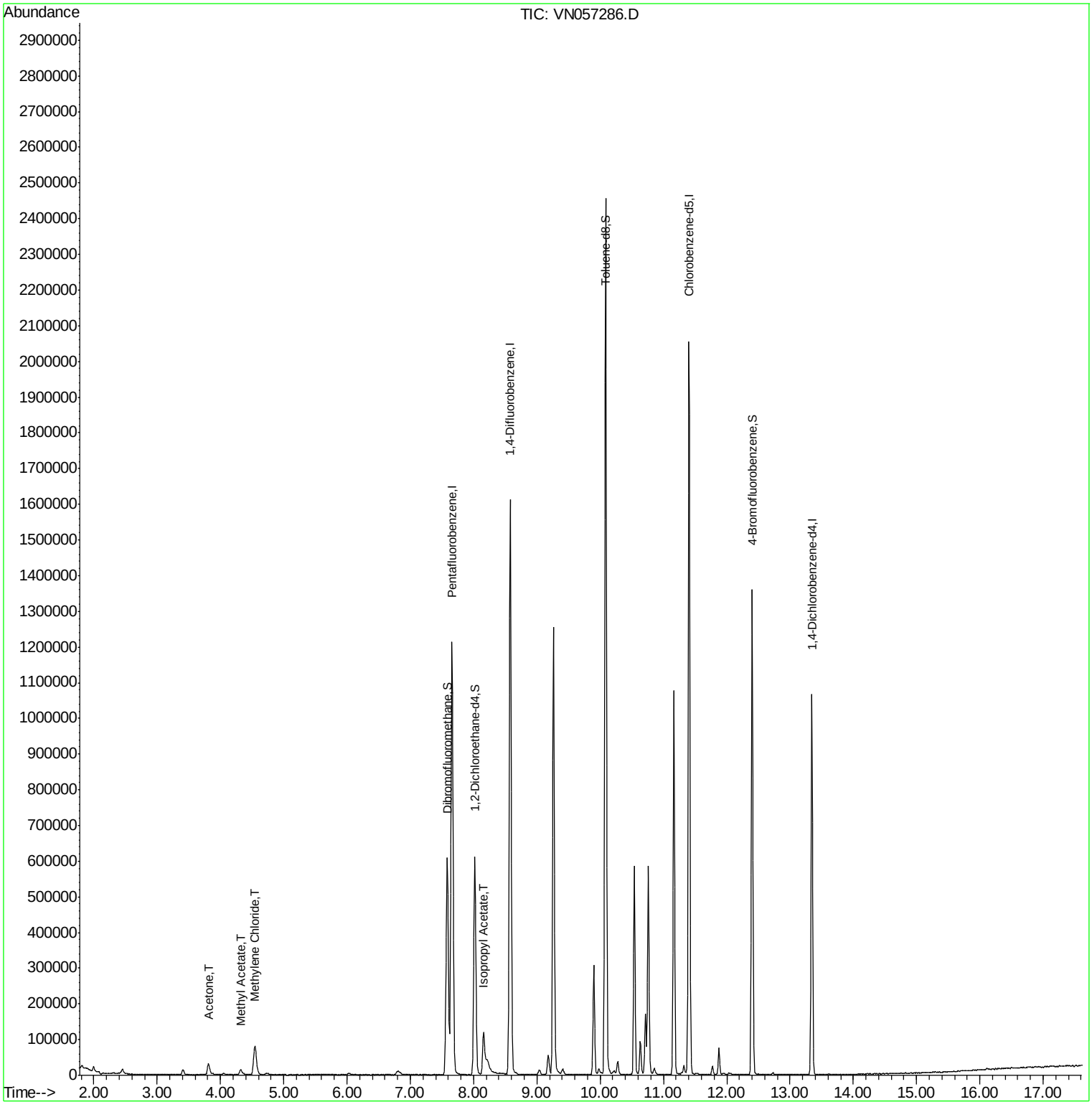
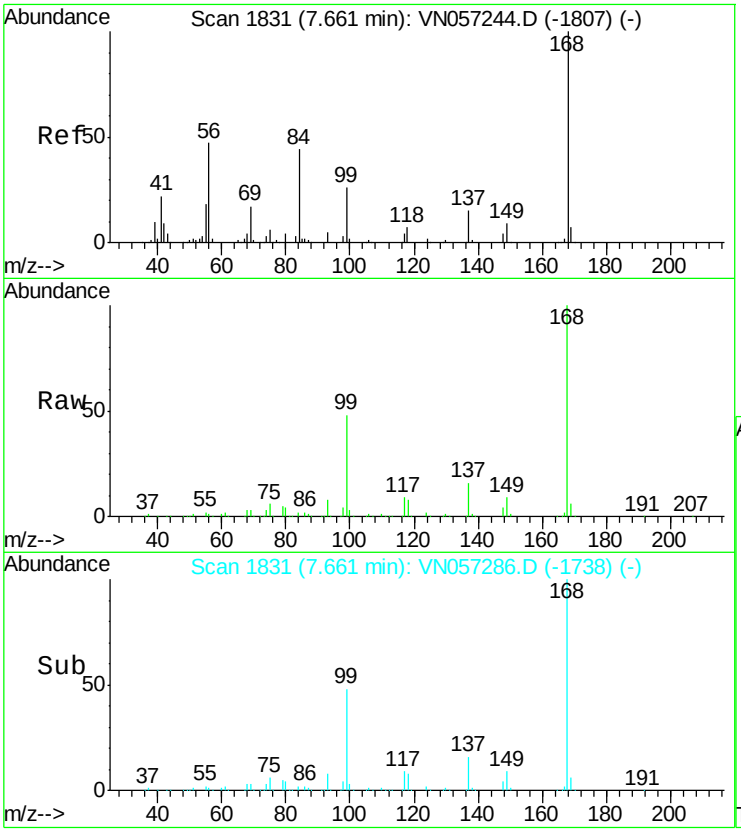


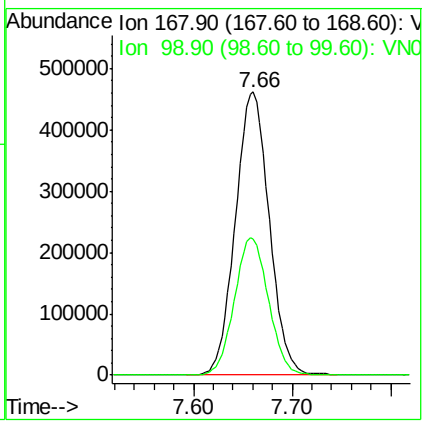


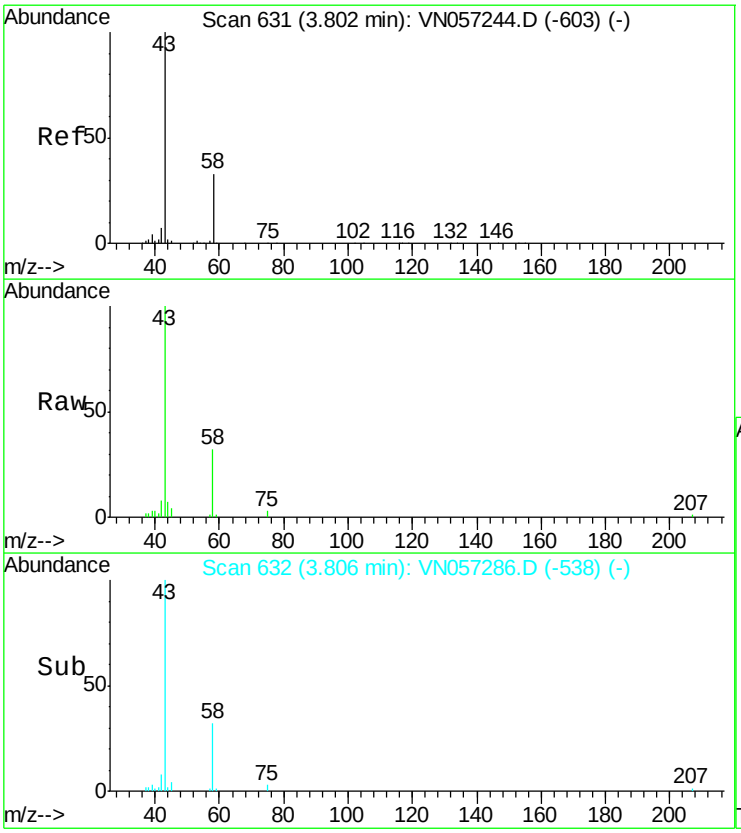
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(3)

Tgt Ion:168 Resp: 1094747

Ion	Ratio	Lower	Upper
168	100		
99	48.2	38.6	58.0

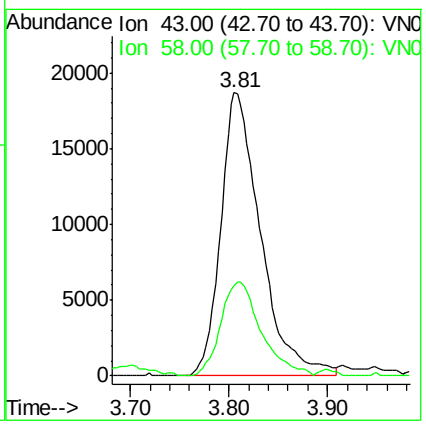


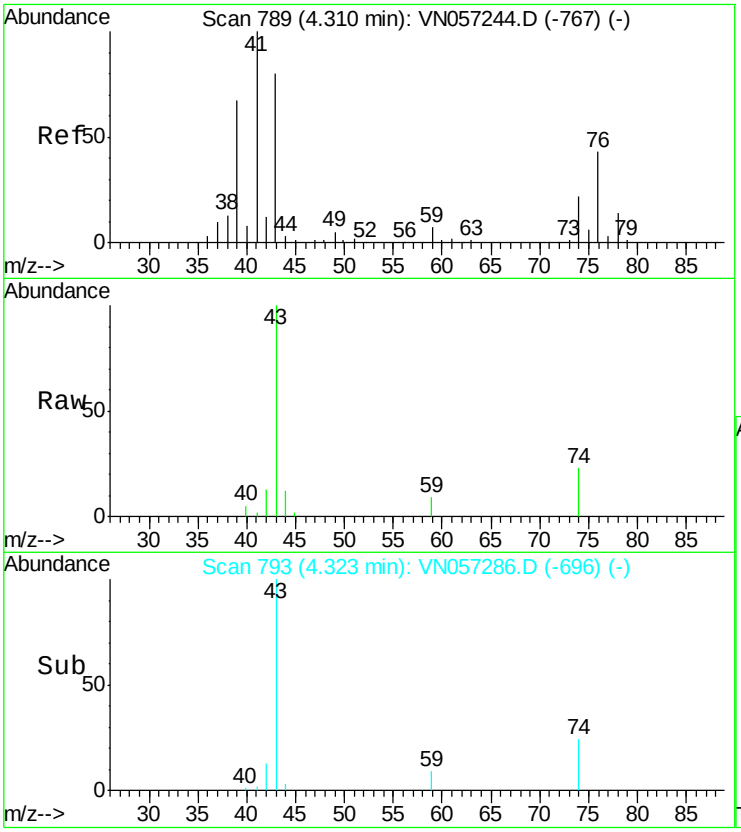


#16
Acetone
Concen: 13.897 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion: 43 Resp: 52616

Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.7	40.1



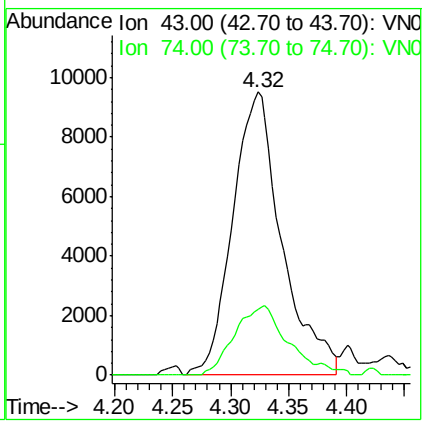


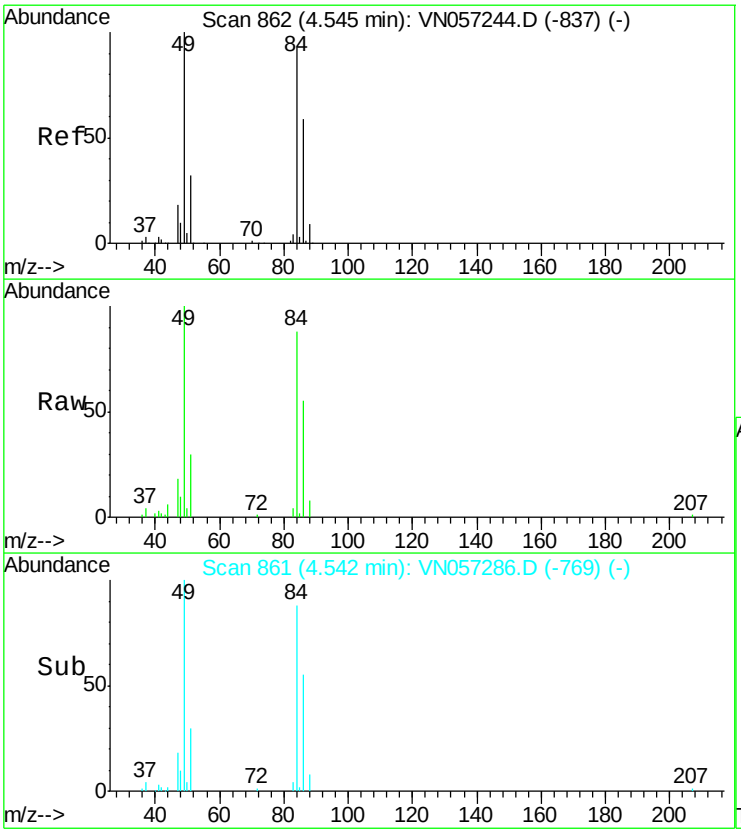
#18
Methyl Acetate
Concen: 1.757 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument : MSVOA_N
ClientSampleId : REACTOR-3-B-(3)

Tgt Ion: 43 Resp: 28108

Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.6	31.0

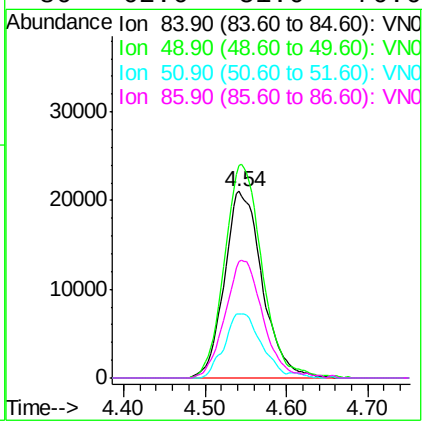


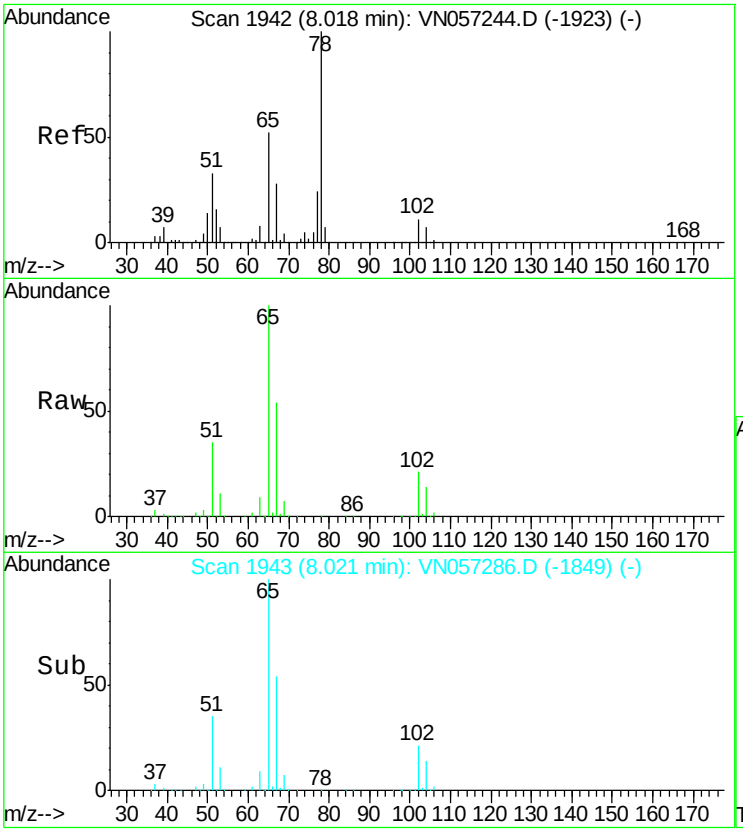


#20
Methylene Chloride
Concen: 6.162 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion: 84 Resp: 68148

Ion	Ratio	Lower	Upper
84	100		
49	113.9	85.9	128.9
51	34.7	27.1	40.7
86	62.6	51.0	76.6



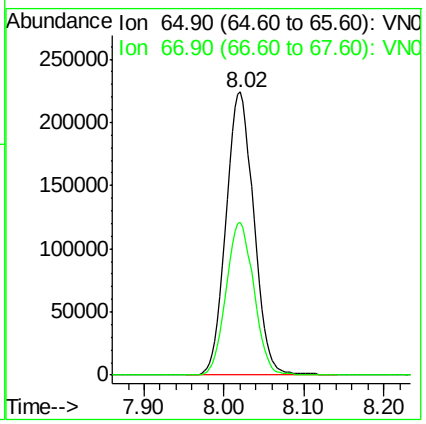


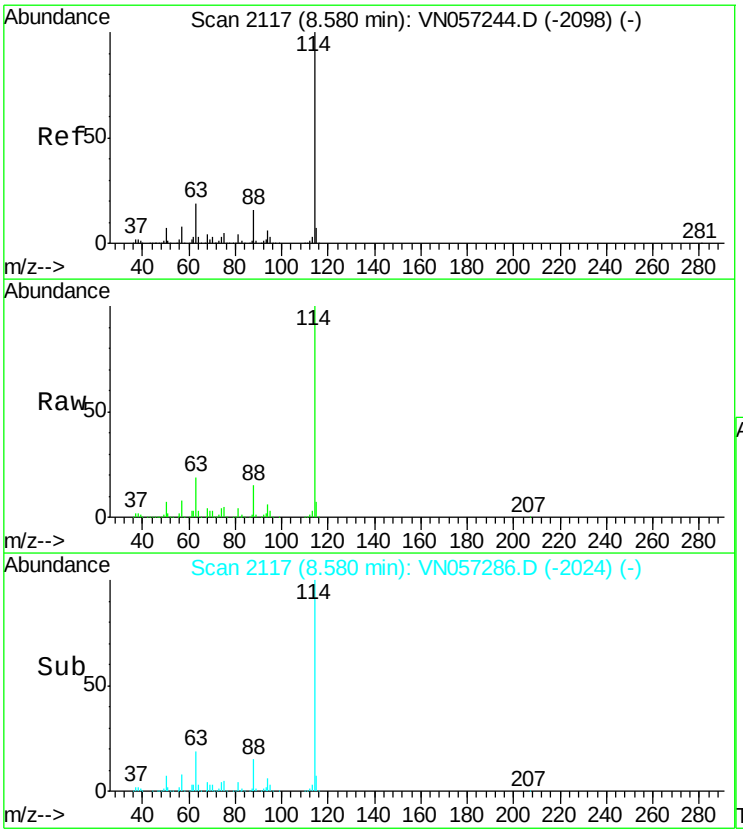
#33
1,2-Dichloroethane-d4
Concen: 47.936 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(3)

Tgt Ion: 65 Resp: 529381

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.0

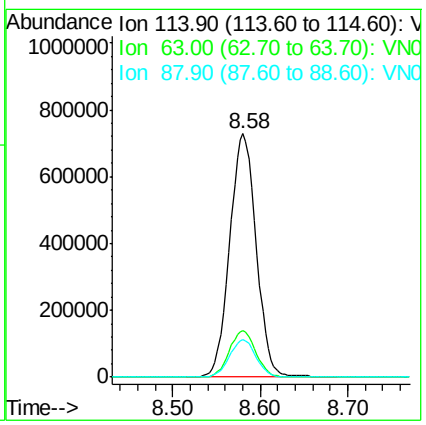


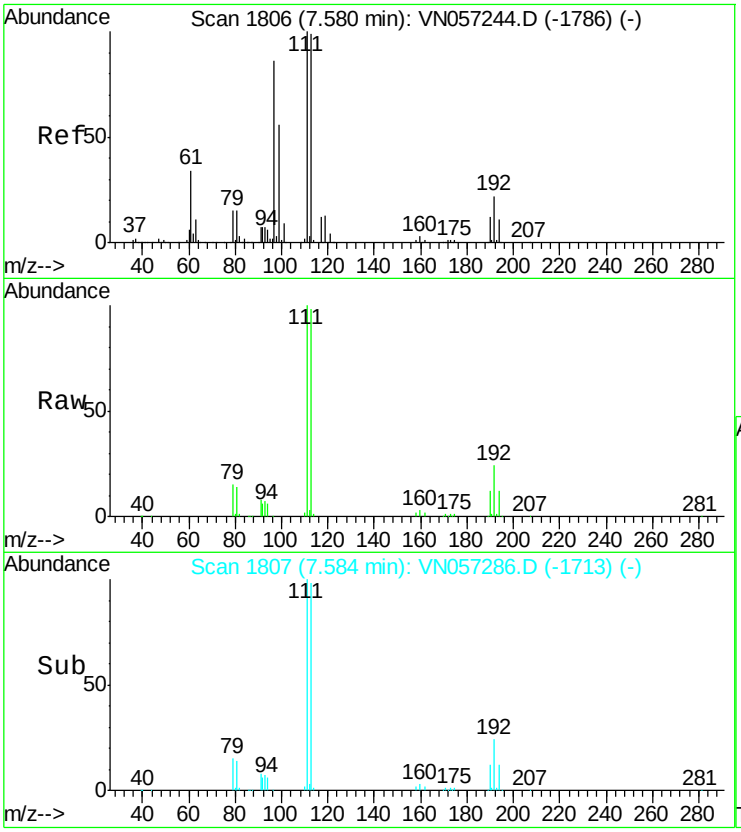


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion:114 Resp: 1530386

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.0
88	15.3	0.0	31.0



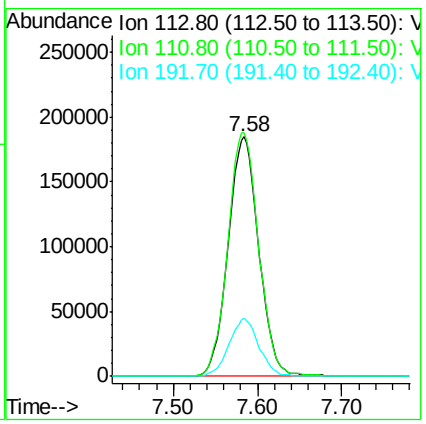


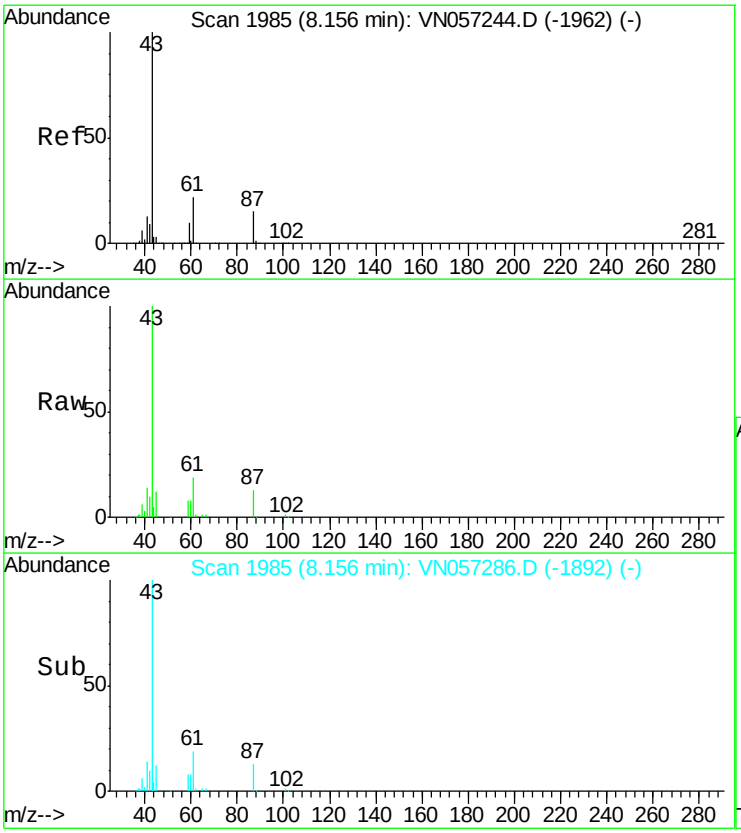
#35
Dibromofluoromethane
Concen: 47.841 ug/l
RT: 7.58 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(3)

Tgt Ion:113 Resp: 467495

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.2
192	23.6	18.8	28.2

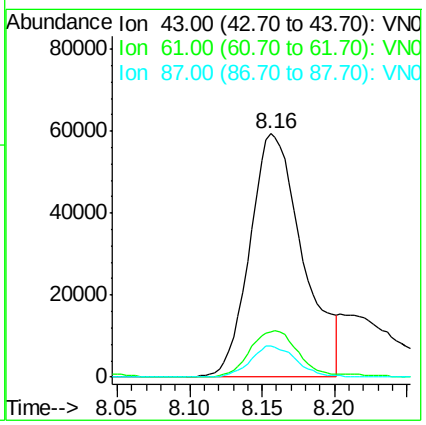


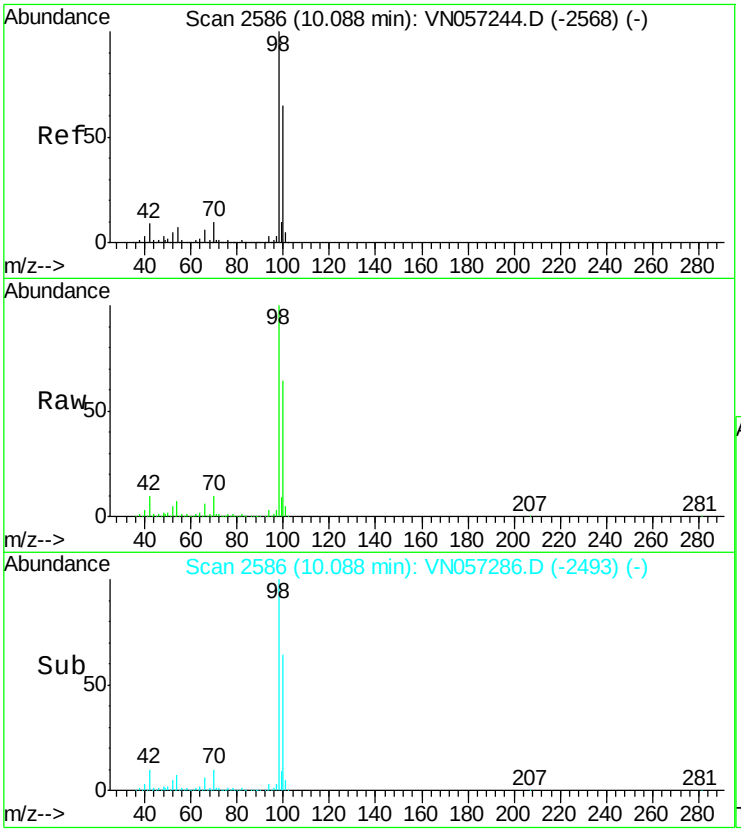


#43
Isopropyl Acetate
Concen: 8.505 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion: 43 Resp: 150640

Ion	Ratio	Lower	Upper
43	100		
61	17.4	23.5	35.3#
87	11.1	12.1	18.1#



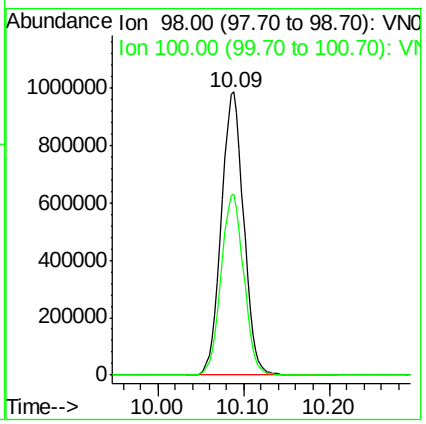


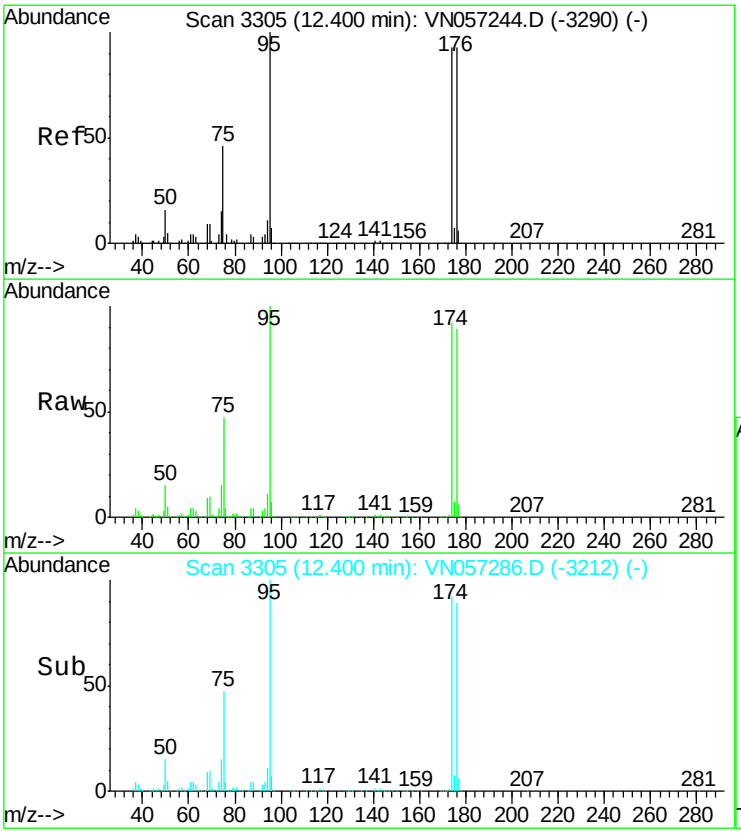
#50
Toluene-d8
Concen: 50.029 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument : MSVOA_N
ClientSampleId : REACTOR-3-B-(3)

Tgt Ion: 98 Resp: 1783125

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.6

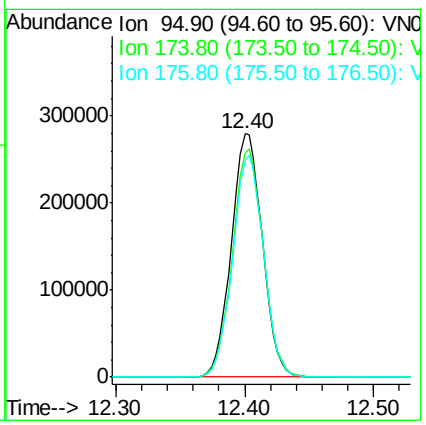


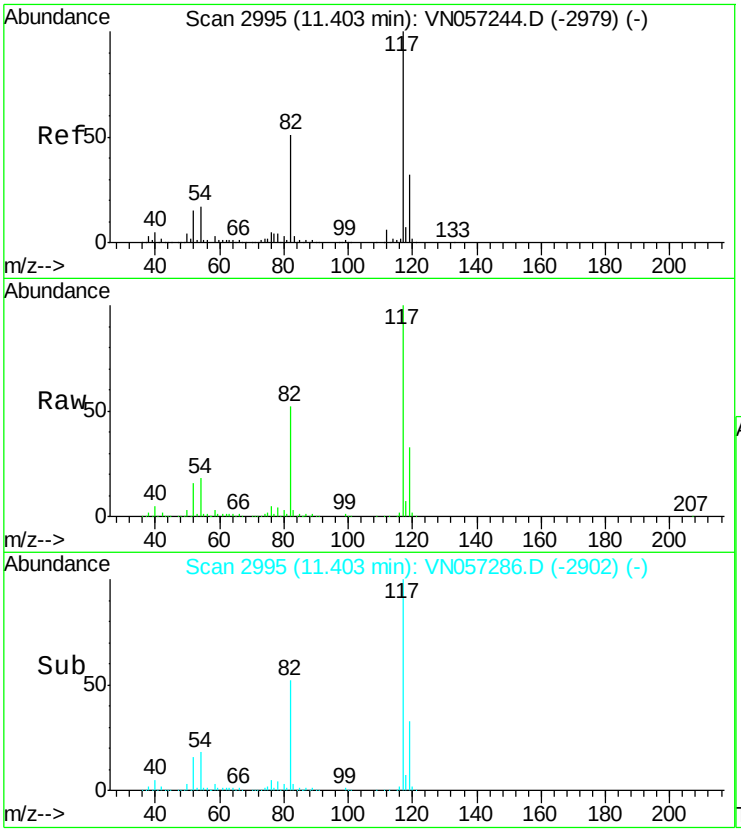


#62
4-Bromofluorobenzene
Concen: 38.270 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion: 95 Resp: 467768

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	187.6
176	90.6	0.0	185.8



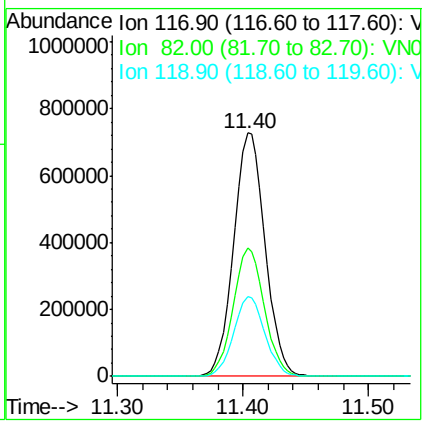


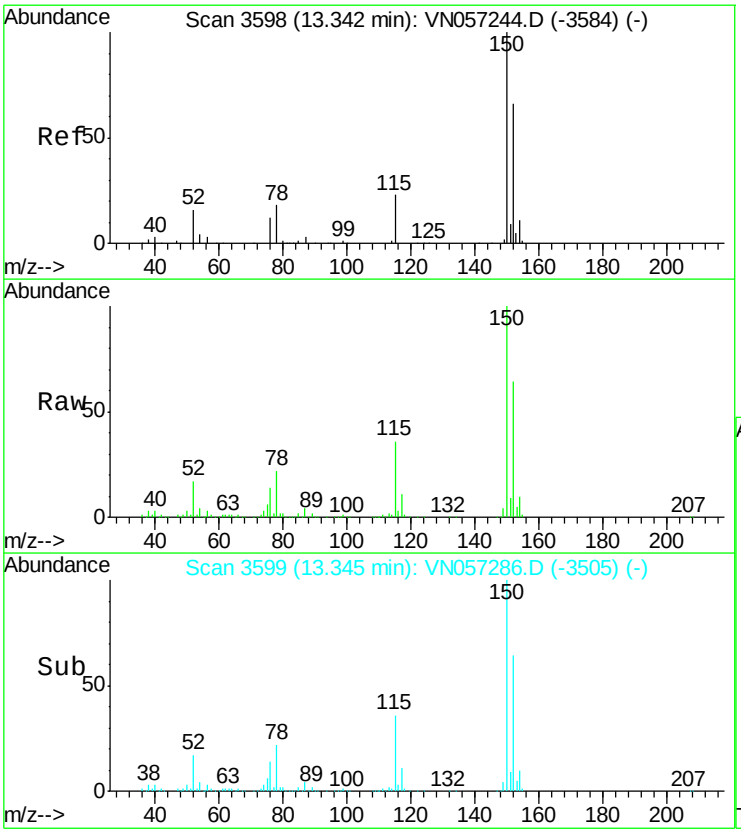
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-B-(3)

Tgt Ion:117 Resp: 1269140

Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.9	61.3
119	32.8	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057286.D
Acq: 14 Aug 2019 14:33

Tgt Ion:152 Resp: 311021

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.6	82.8
150	156.0	0.0	348.4