Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122018\
Data File : VL033044.D
Acq On : 21 Dec 2018 3:11
Operator : SY/AP
Sample : J6480-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : INFLUENTDL

Quant Time: Dec 21 07:01:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	760663	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	1844653	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	1705882	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1312667	10.42	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%			
Target Compounds						Qvalue
20) Methylene Chloride	4.42	84	21765	0.682	ppbv #	85
32) 1,1,1-Trichloroethane	6.62	97	21947	0.163	ppbv	96

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

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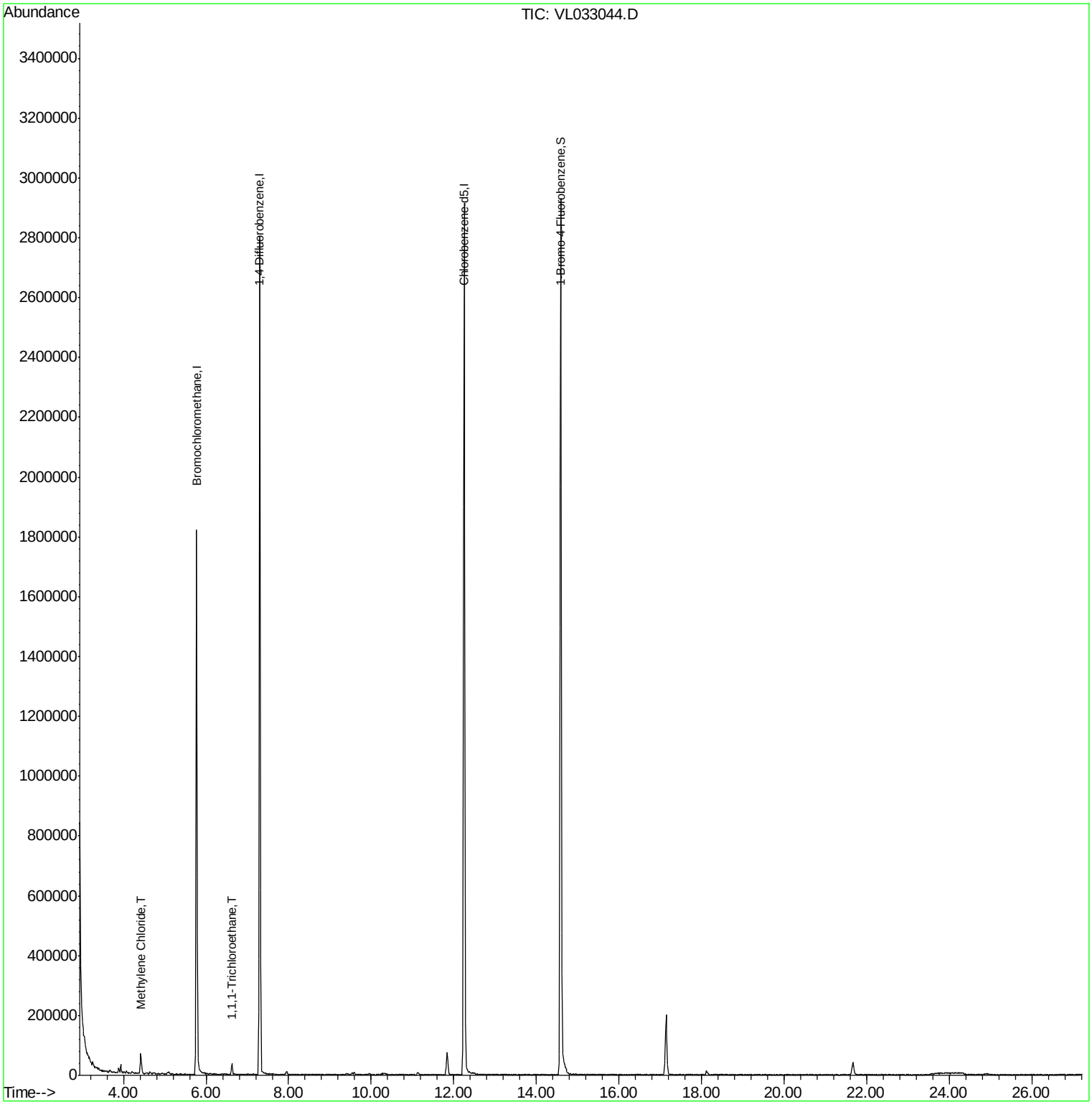
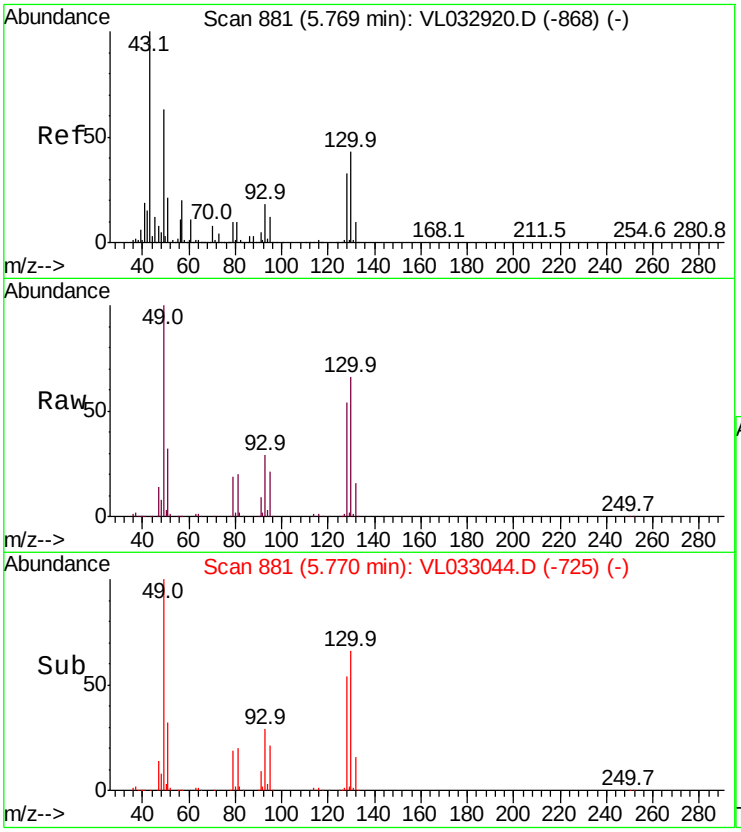


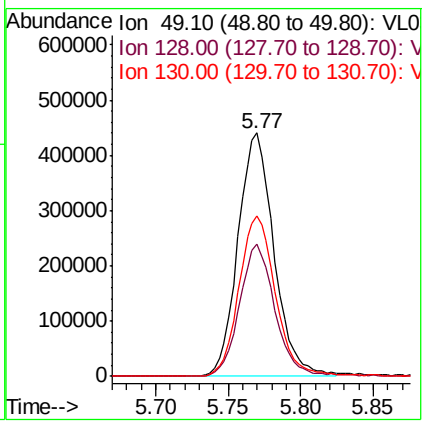


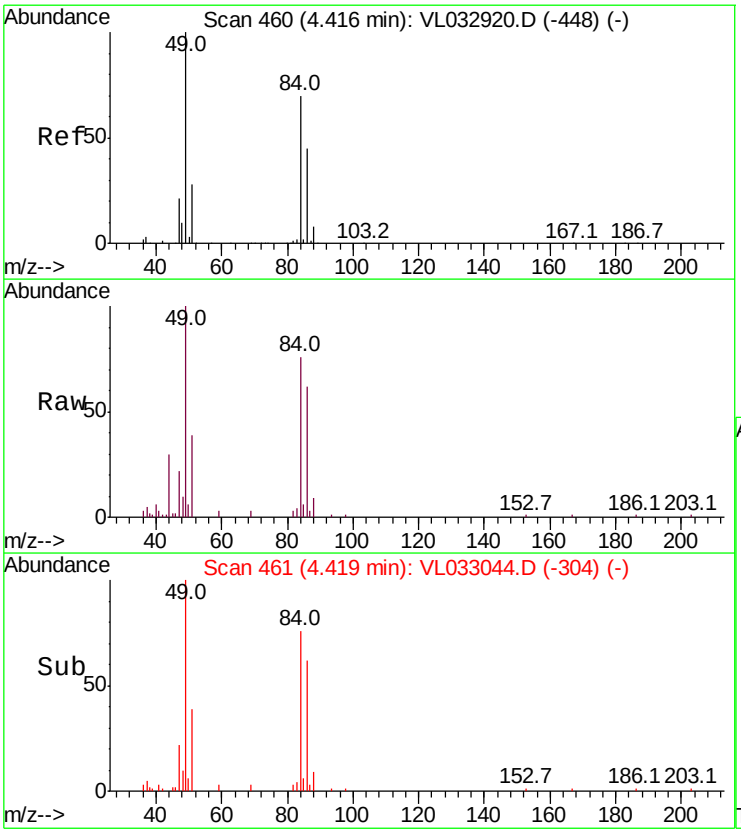
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Instrument : MSVOA_L
ClientSampleId : INFLUENTDL

Tgt Ion: 49 Resp: 760663

Ion	Ratio	Lower	Upper
49	100		
128	53.9	26.3	78.8
130	67.3	33.9	101.7

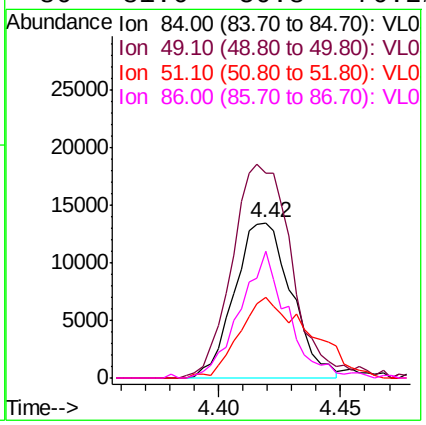


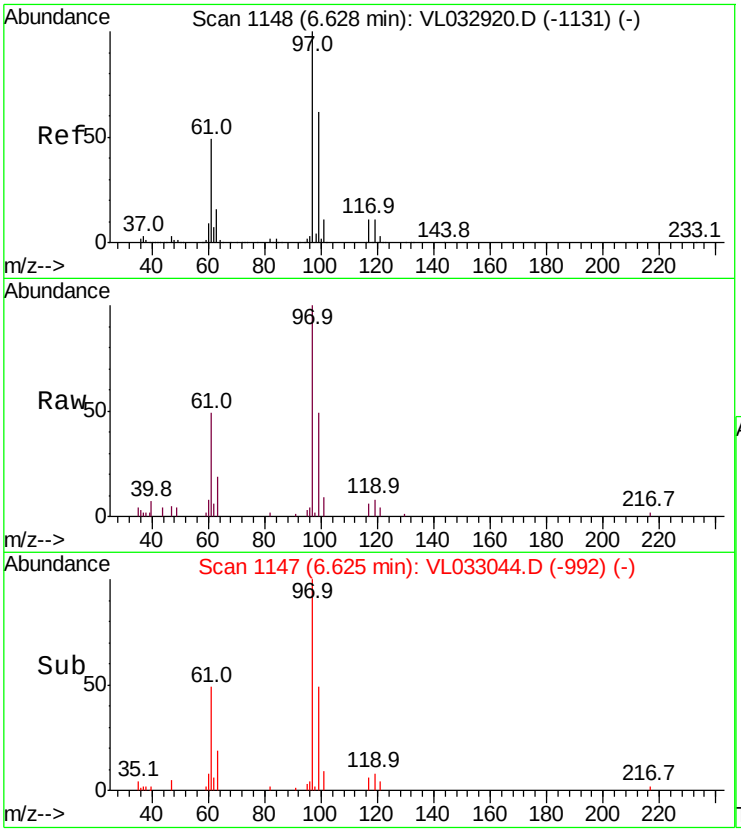


#20
Methylene Chloride
Concen: 0.682 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Tgt Ion: 84 Resp: 21765

Ion	Ratio	Lower	Upper
84	100		
49	130.5	113.8	170.8
51	51.8	31.8	47.8#
86	81.6	50.8	76.2#



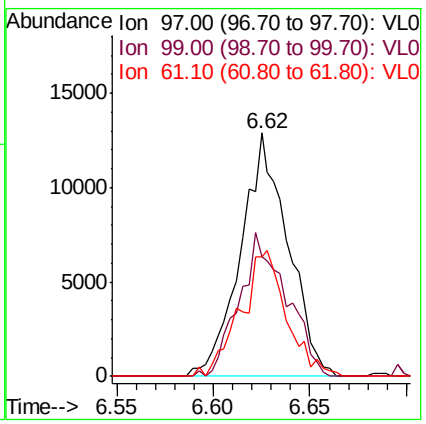


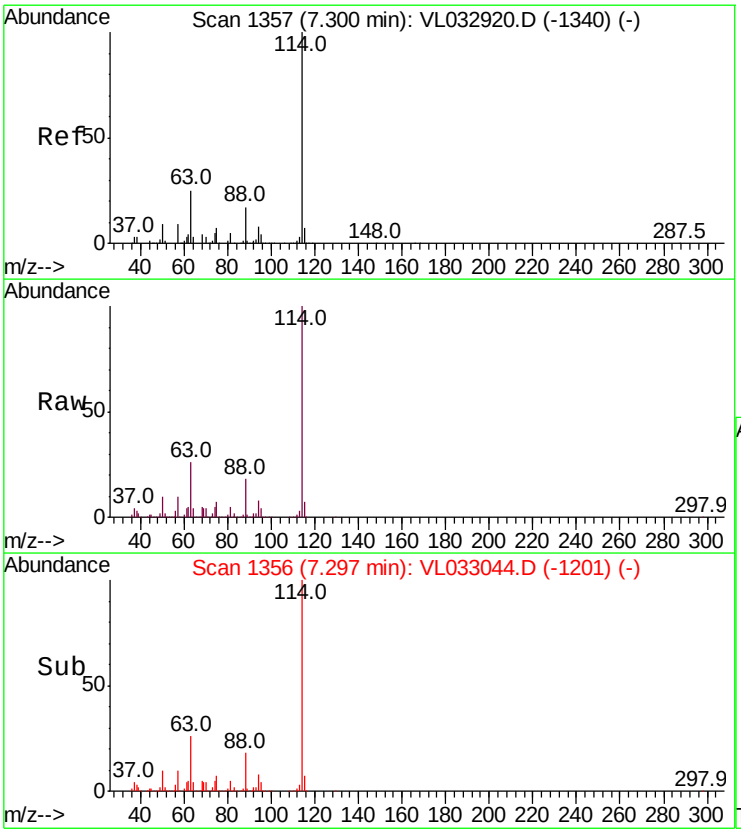
#32
1,1,1-Trichloroethane
Concen: 0.163 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Instrument : MSVOA_L
ClientSampleId : INFLUENTDL

Tgt Ion: 97 Resp: 21947

Ion	Ratio	Lower	Upper
97	100		
99	58.9	51.1	76.7
61	50.3	39.3	58.9

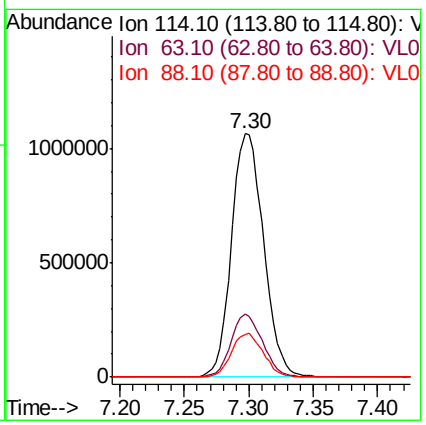


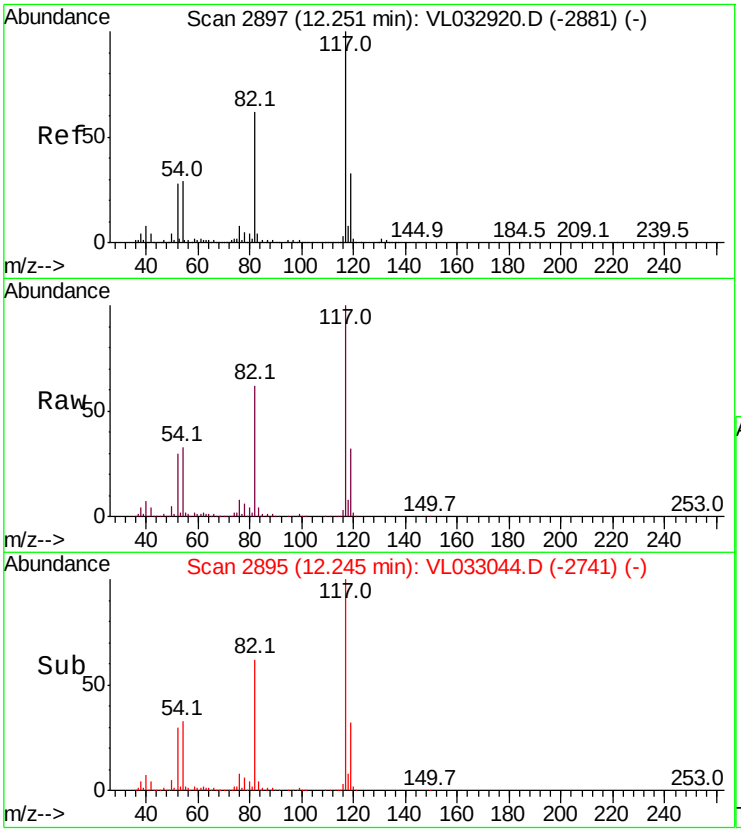


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Tgt Ion:114 Resp: 1844653

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.1	30.1
88	17.9	14.2	21.4



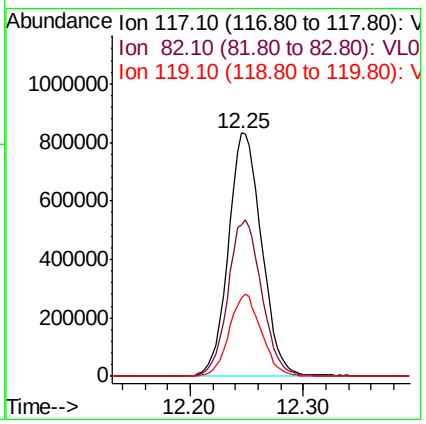


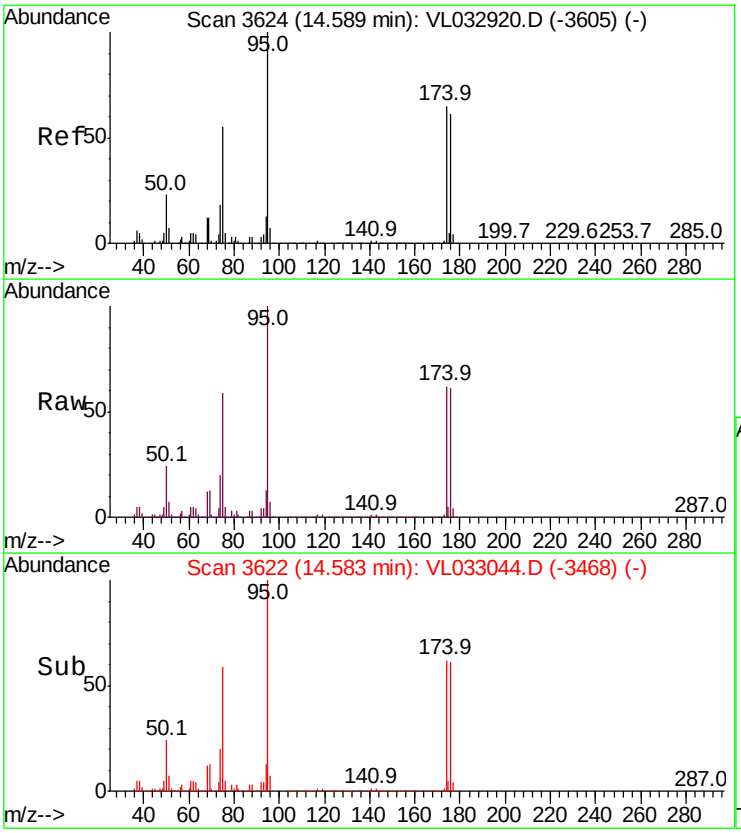
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tgt Ion:117 Resp: 1705882

Ion	Ratio	Lower	Upper
117	100		
82	65.1	47.8	71.8
119	33.0	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.416 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL033044.D
Acq: 21 Dec 2018 3:11

Tgt Ion: 95 Resp: 1312667

Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.4	77.0
175	4.9	3.8	5.6