Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021419\
Data File : VL033230.D
Acq On : 15 Feb 2019 13:35
Operator : SY/AP
Sample : K1483-10DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ZONE-BDL2

Quant Time: Feb 16 05:42:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	675935	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1506441	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1574911	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1450540	11.96	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 119.60%			
Target Compounds						Qvalue
24) 1,1-Dichloroethane	5.09	63	117517	1.259	ppbv	100
32) 1,1,1-Trichloroethane	6.62	97	1086051	8.007	ppbv	98

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

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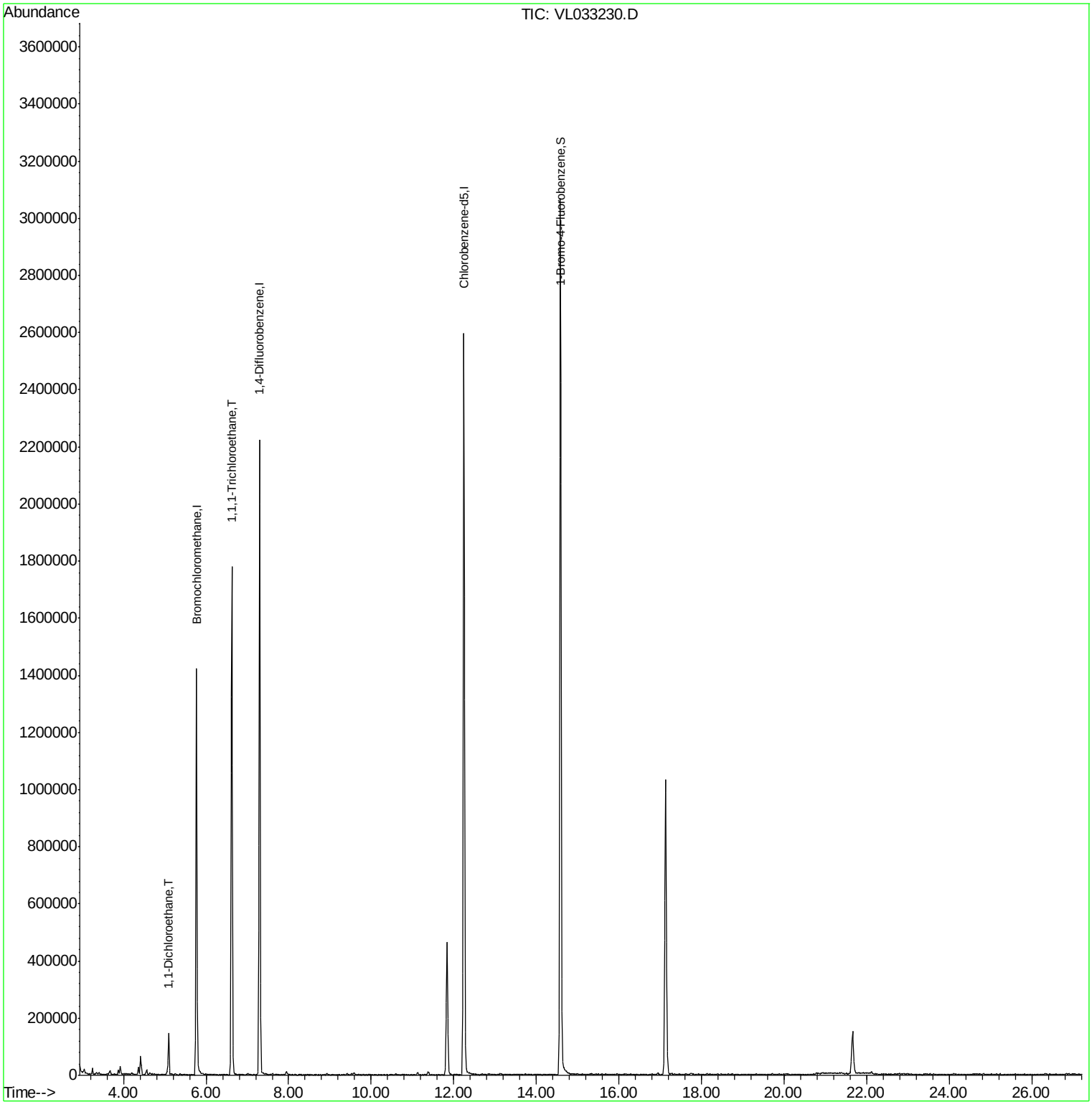
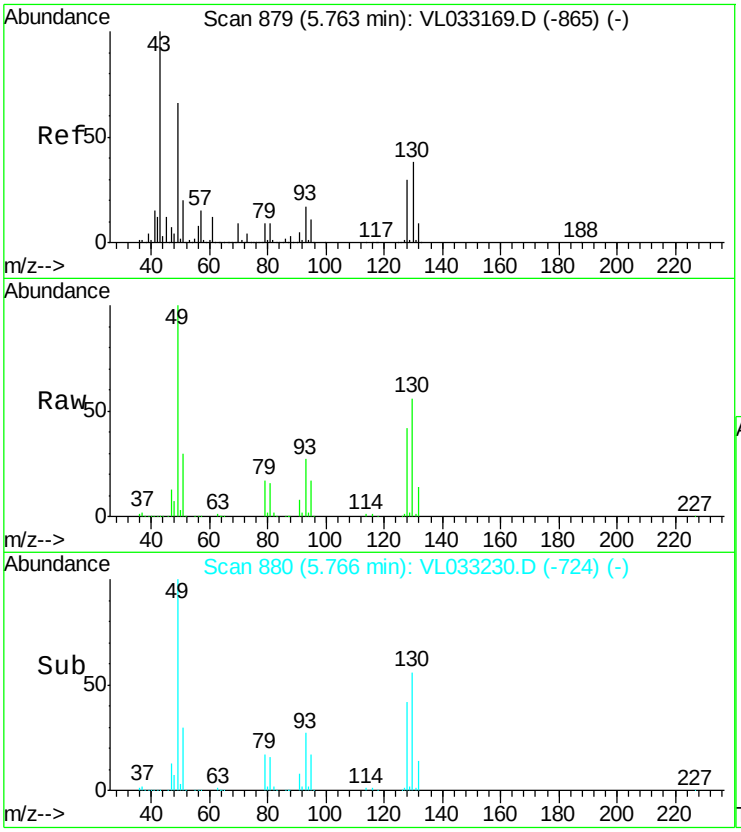


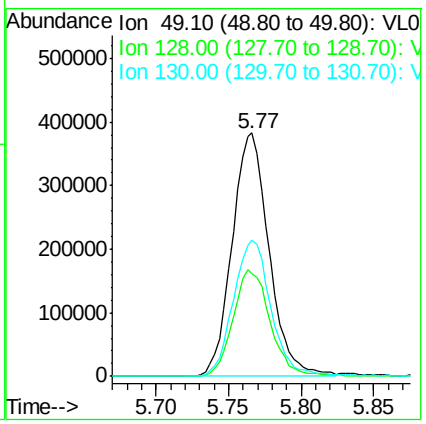


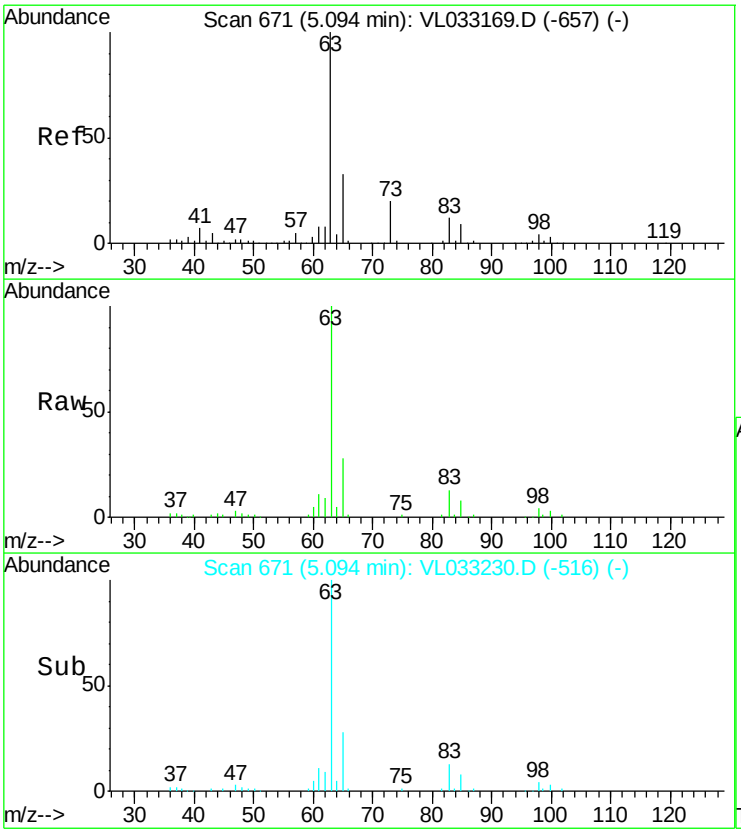
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.00 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Instrument :
MSVOA_L
ClientSampleId :
ZONE-BDL2

Tgt Ion: 49 Resp: 675935

Ion	Ratio	Lower	Upper
49	100		
128	44.7	23.6	71.0
130	57.4	30.3	91.0

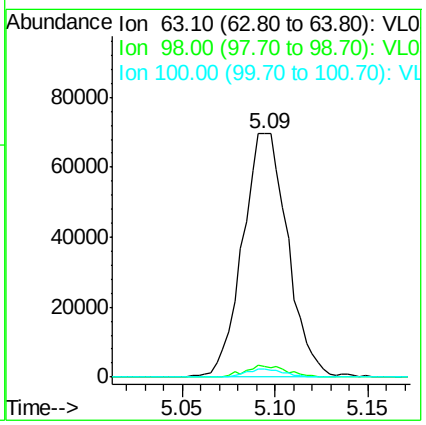


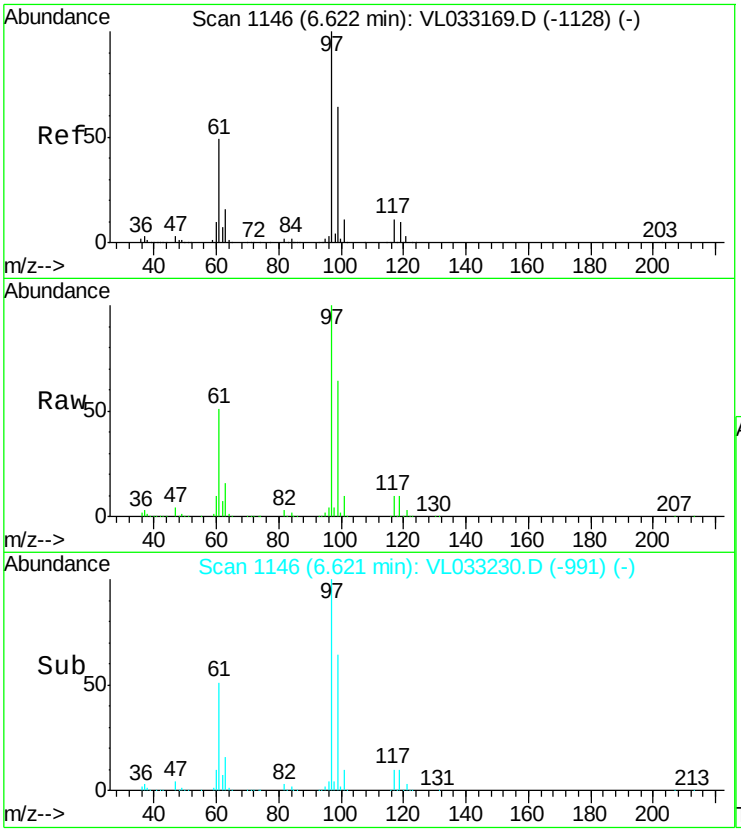


#24
1,1-Dichloroethane
Concen: 1.259 ppbv
RT: 5.09 min Scan# 671
Delta R.T. -0.00 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Tgt Ion: 63 Resp: 117517

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	3.2	1.4	4.2



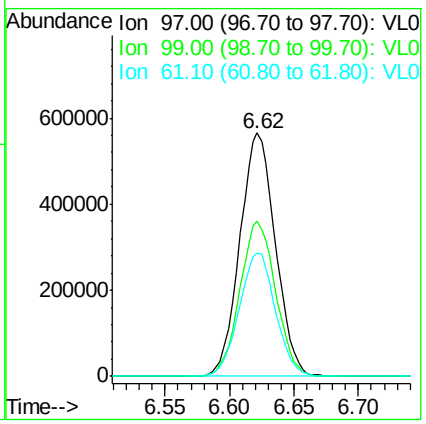


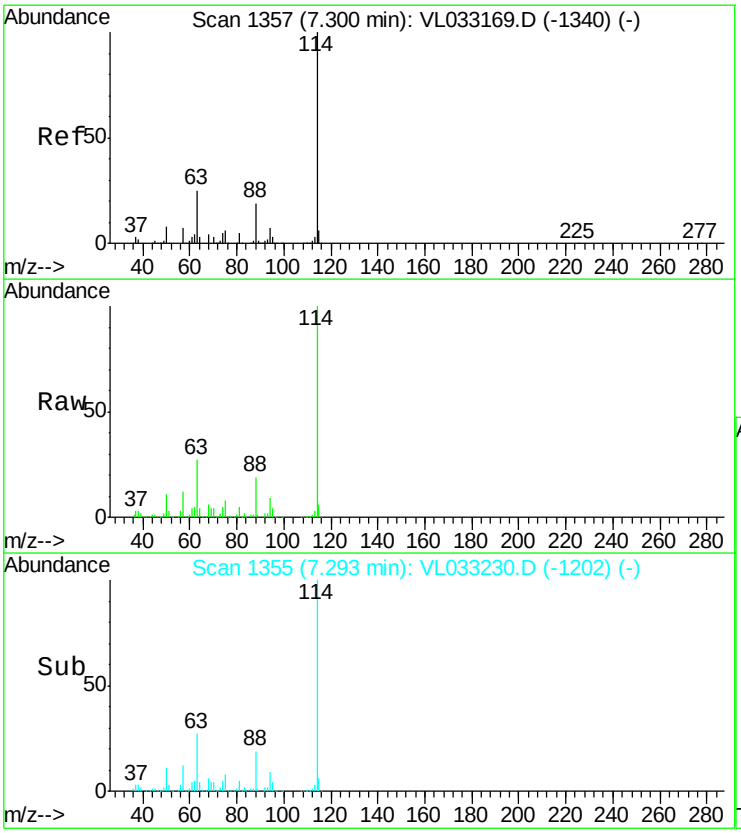
#32
1,1,1-Trichloroethane
Concen: 8.007 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Instrument :
MSVOA_L
ClientSampleId :
ZONE-BDL2

Tgt Ion: 97 Resp: 1086051

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	51.7	38.9	58.3

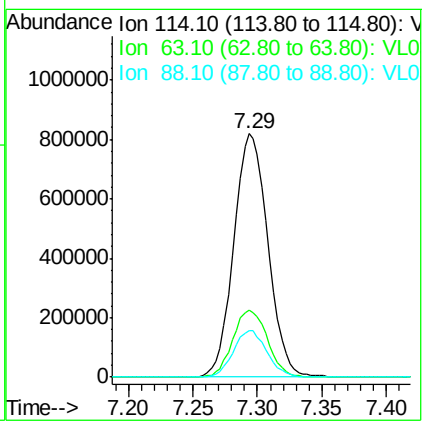


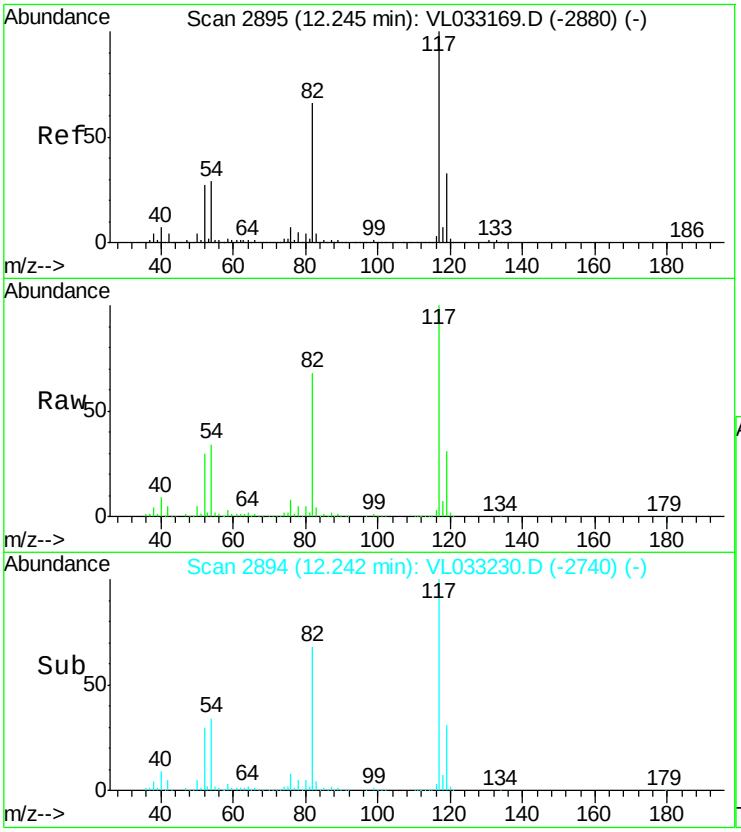


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Tgt Ion:114 Resp: 1506441

Ion	Ratio	Lower	Upper
114	100		
63	28.2	20.8	31.2
88	18.9	14.6	22.0



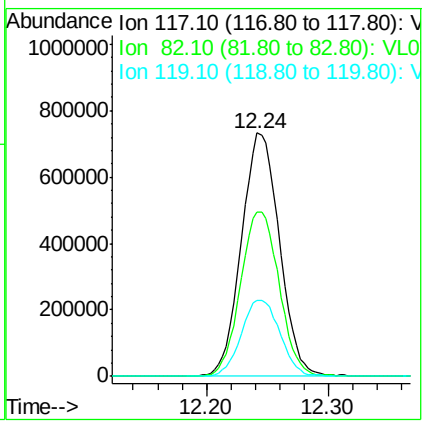


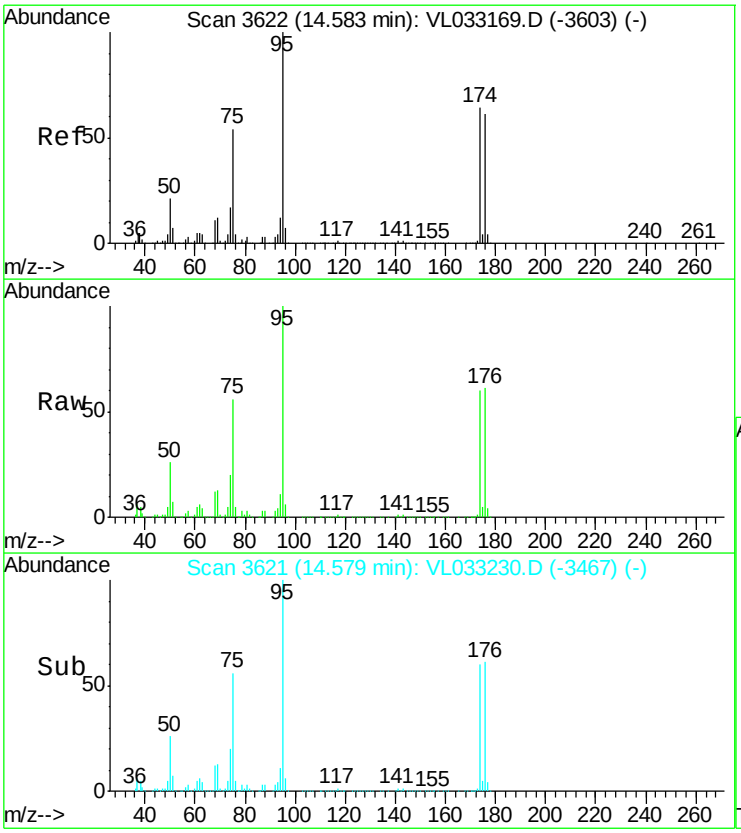
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Instrument : MSVOA_L
ClientSampleId : ZONE-BDL2

Tgt Ion:117 Resp: 1574911

Ion	Ratio	Lower	Upper
117	100		
82	69.1	49.5	74.3
119	32.1	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 11.959 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033230.D
Acq: 15 Feb 2019 13:35

Tgt Ion: 95 Resp: 1450540

Ion	Ratio	Lower	Upper
95	100		
174	62.9	51.2	76.8
175	4.6	3.8	5.6