Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

Quantitation Report (Not Reviewed)

Data File : VL033578.D
Acq On : 11 Apr 2019 00:16
Operator : SY/AP
Sample : K2312-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-7DL

Quant Time: Apr 11 03:48:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	834629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1938606	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1924851	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1560558	10.34	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	8315	0.068	ppbv #	82
3) Chlorodifluoromethane	2.99	51	381469	3.970	ppbv #	58
8) Dichlorotetrafluoroethane	3.08	85	8315	0.064	ppbv #	17
13) Ethanol	3.65	45	32857	3.147	ppbv #	18
15) Acetone	3.91	43	64383	0.642	ppbv	98
17) tert-Butyl alcohol	4.39	59	1240	0.067	ppbv	99
19) Isopropyl Alcohol	4.04	45	13525	0.213	ppbv #	72
20) Methylene Chloride	4.41	84	24098	0.566	ppbv	95
25) Ethyl Acetate	5.78	43	42571	0.229	ppbv #	89
26) Hexane	5.78	57	41535	0.502	ppbv #	49
39) 1,2-Dichloropropane	7.29	63	515304	8.087	ppbv #	24
53) Toluene	9.94	91	10515	0.056	ppbv #	19

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

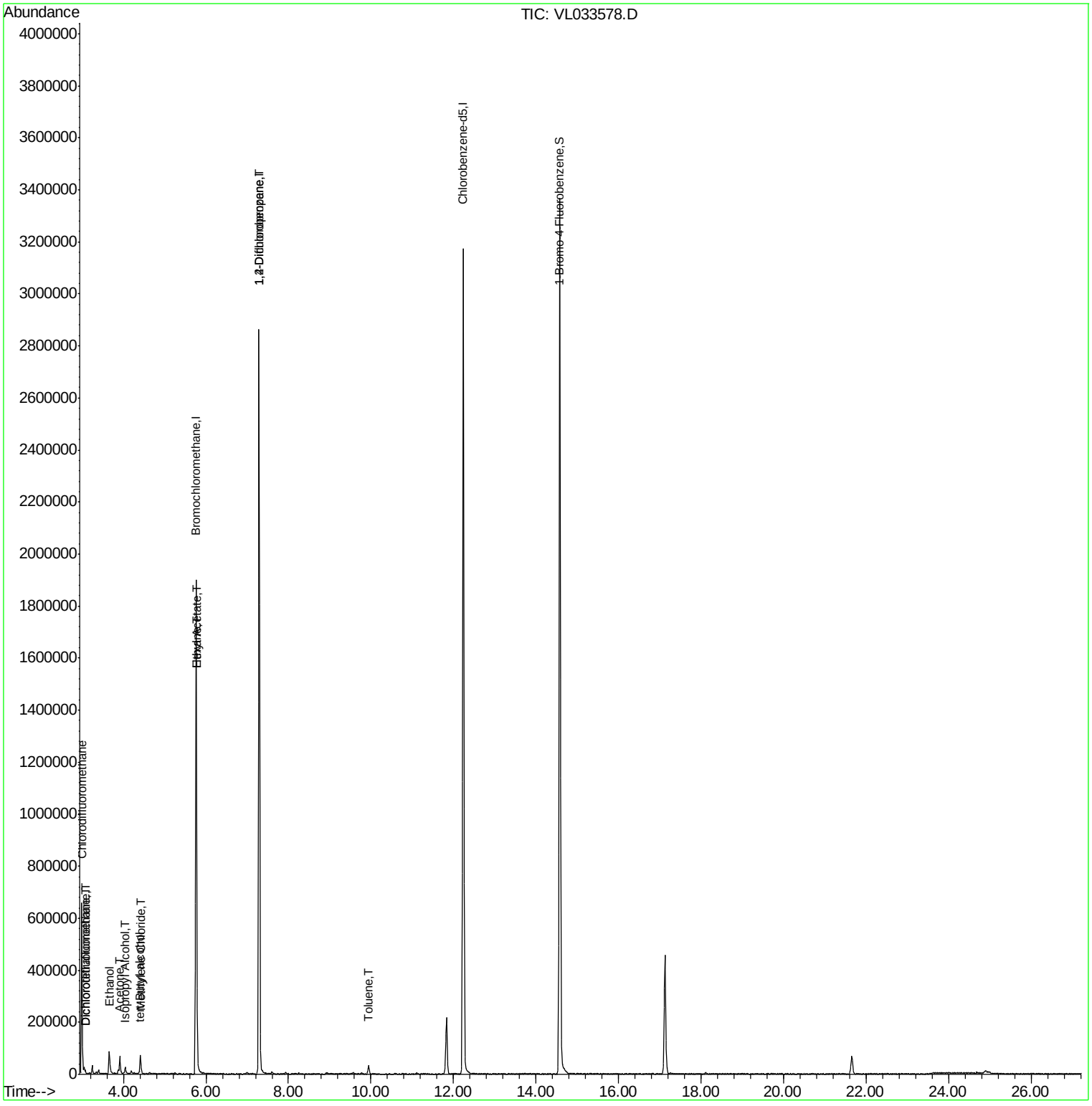
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

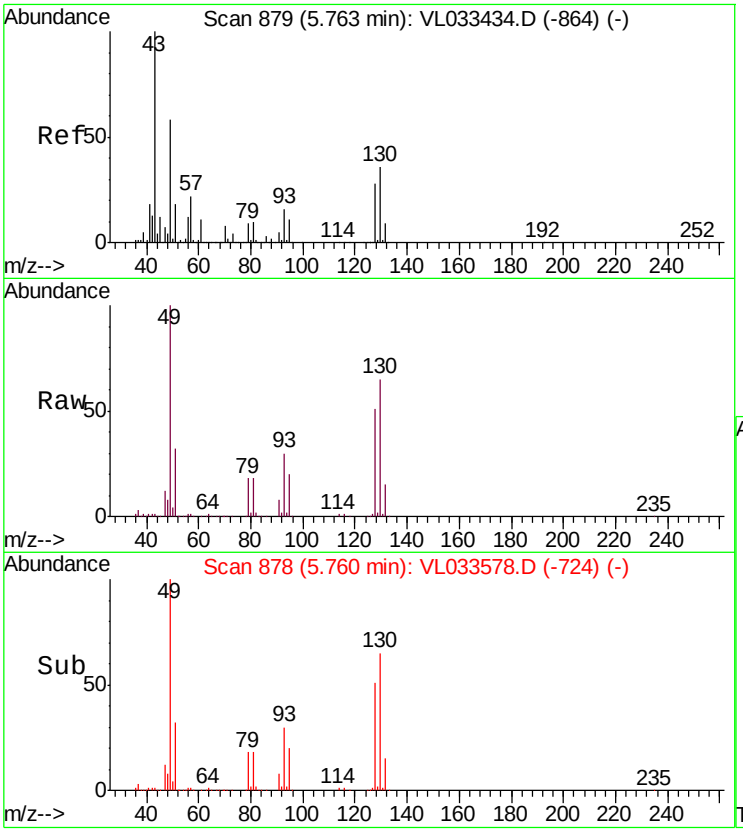
Quantitation Report (Not Reviewed)

Data File : VL033578.D
Acq On : 11 Apr 2019 00:16
Operator : SY/AP
Sample : K2312-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-7DL

Quant Time: Apr 11 03:48:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



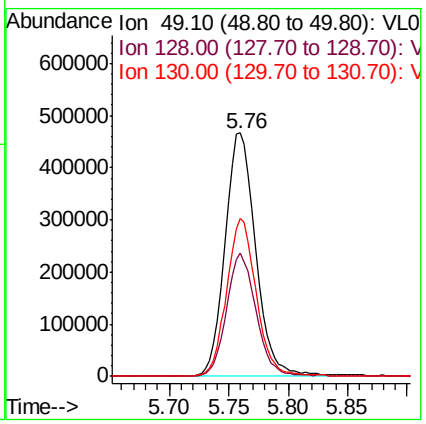


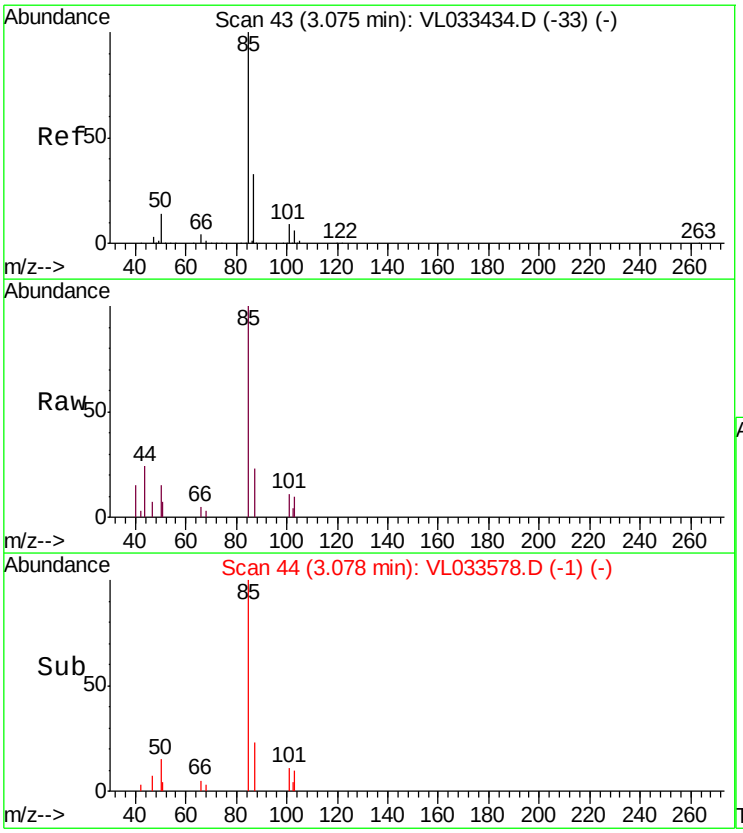
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument :
MSVOA_L
ClientSampleId :
A-7DL

Tgt Ion: 49 Resp: 834629

Ion	Ratio	Lower	Upper
49	100		
128	49.3	24.0	72.0
130	63.2	31.2	93.6

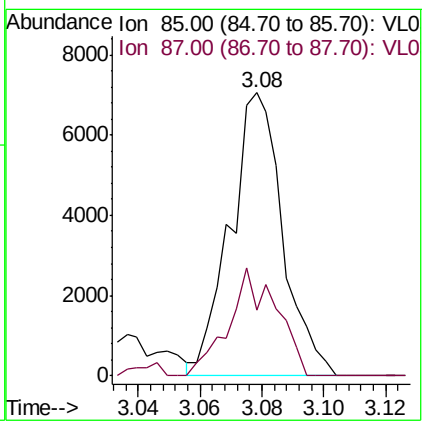


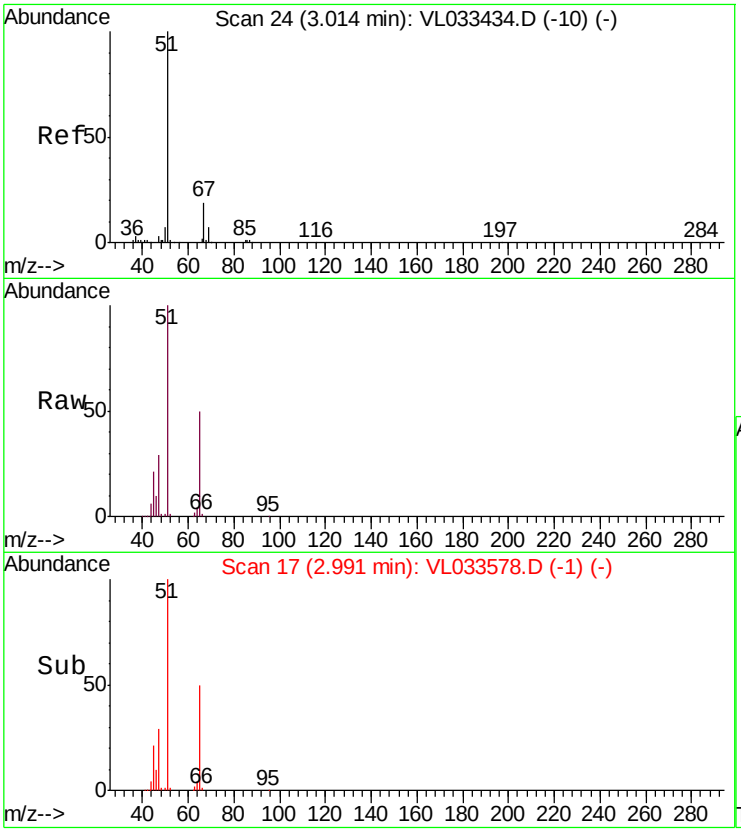


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 85 Resp: 8315

Ion	Ratio	Lower	Upper
85	100		
87	23.3	26.7	40.1#



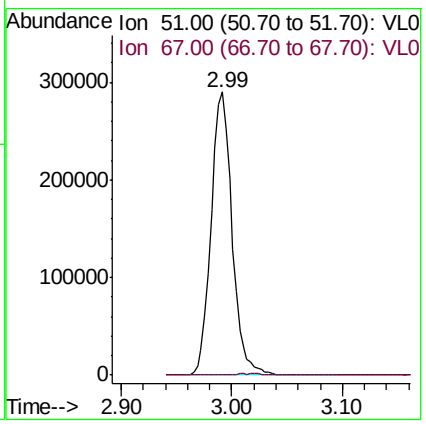


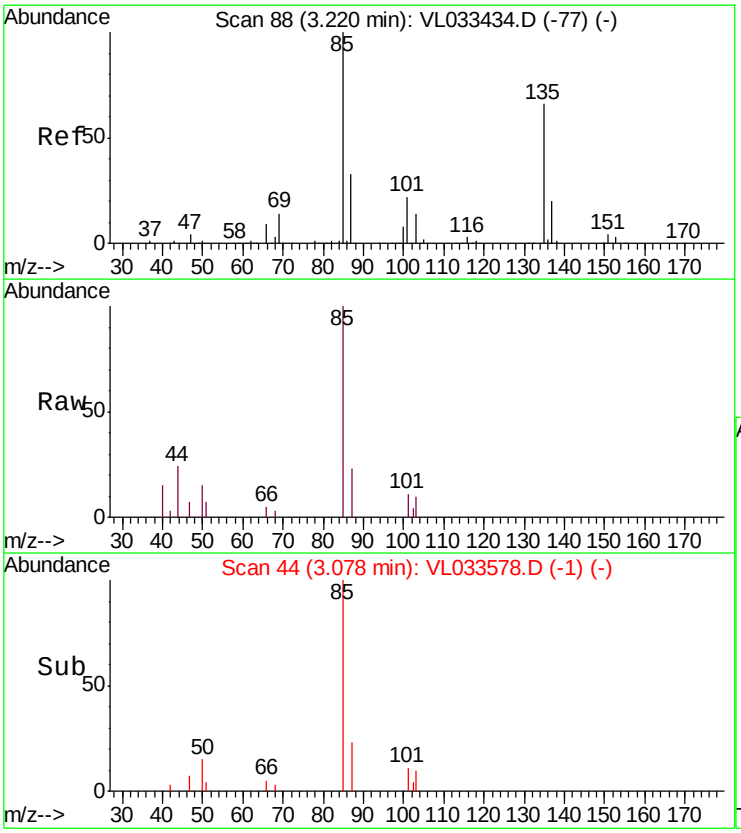
#3
Chlorodifluoromethane
Concen: 3.970 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.02 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 51 Resp: 381469

Ion	Ratio	Lower	Upper
51	100		
67	0.6	15.7	23.5#

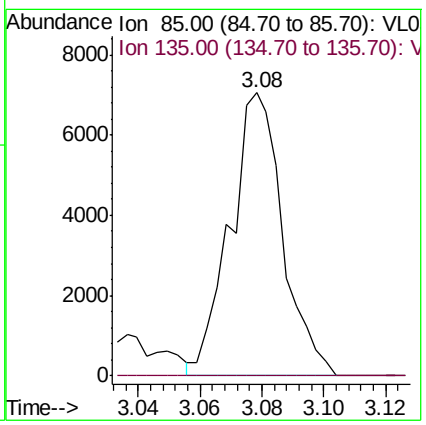


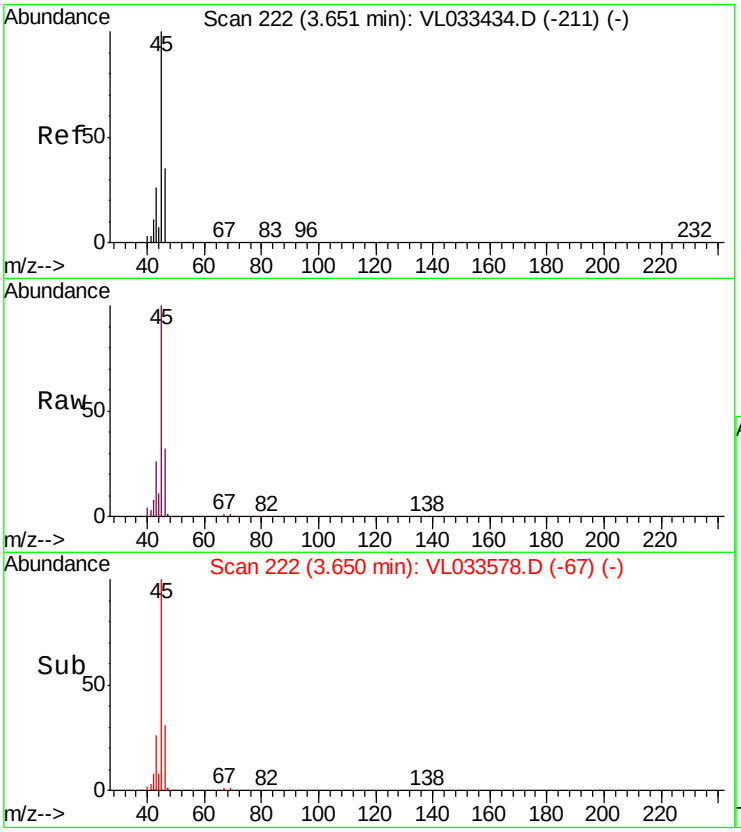


#8
Dichlorotetrafluoroethane
Concen: 0.064 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.14 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 85 Resp: 8315

Ion	Ratio	Lower	Upper
85	100		
135	0.9	54.0	81.0#



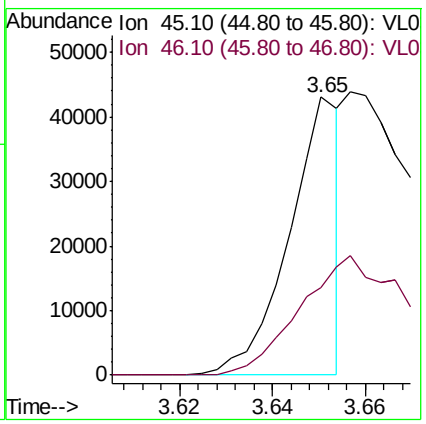


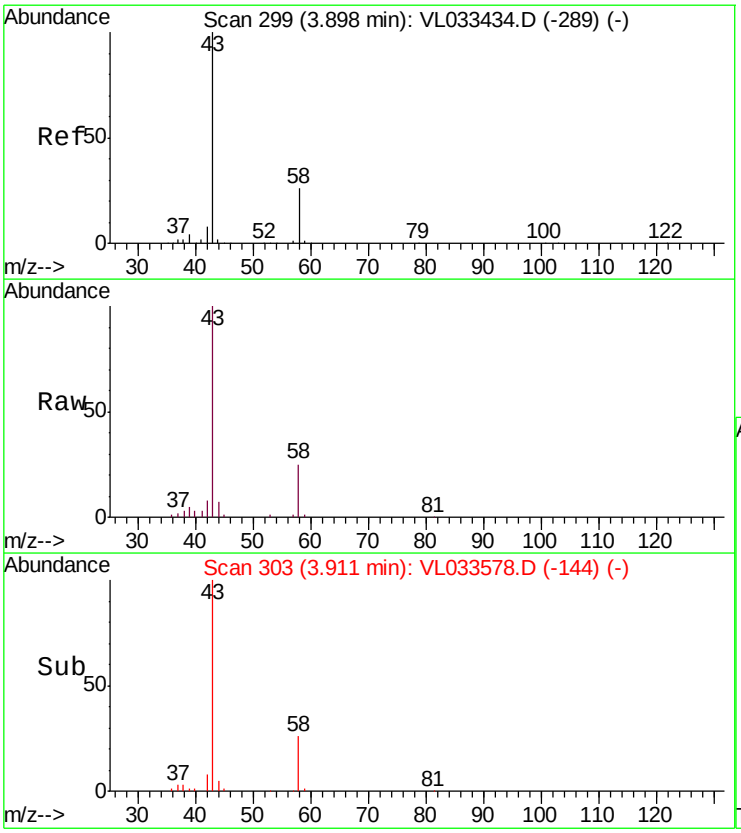
#13
Ethanol
Concen: 3.147 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 45 Resp: 32857

Ion	Ratio	Lower	Upper
45	100		
46	0.0	25.4	101.8#

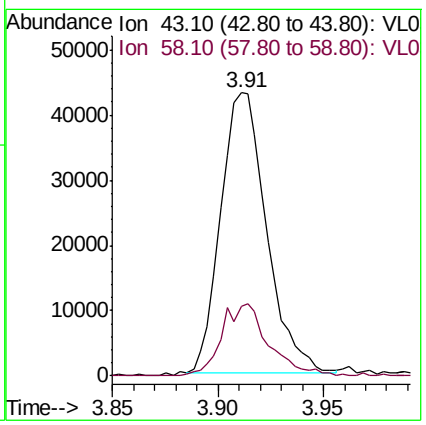


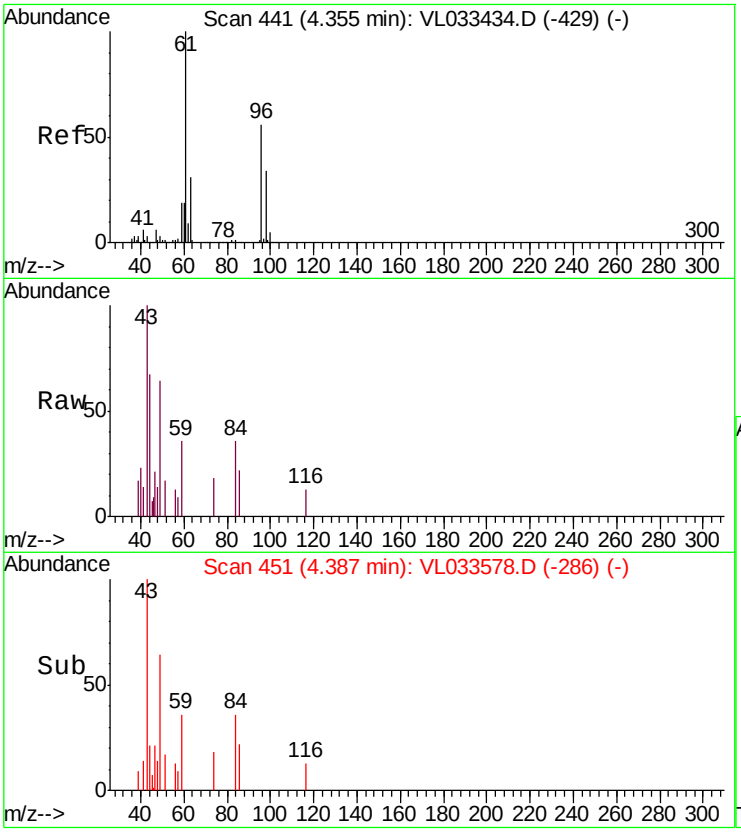


#15
Acetone
Concen: 0.642 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 43 Resp: 64383

Ion	Ratio	Lower	Upper
43	100		
58	26.7	20.5	30.7



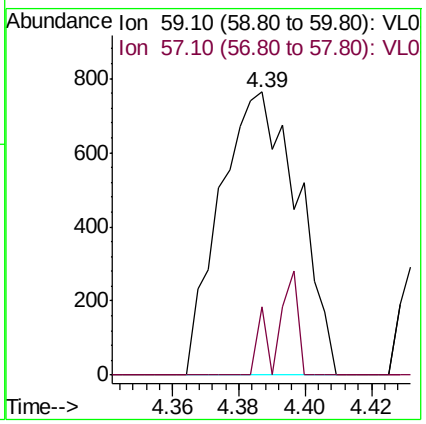


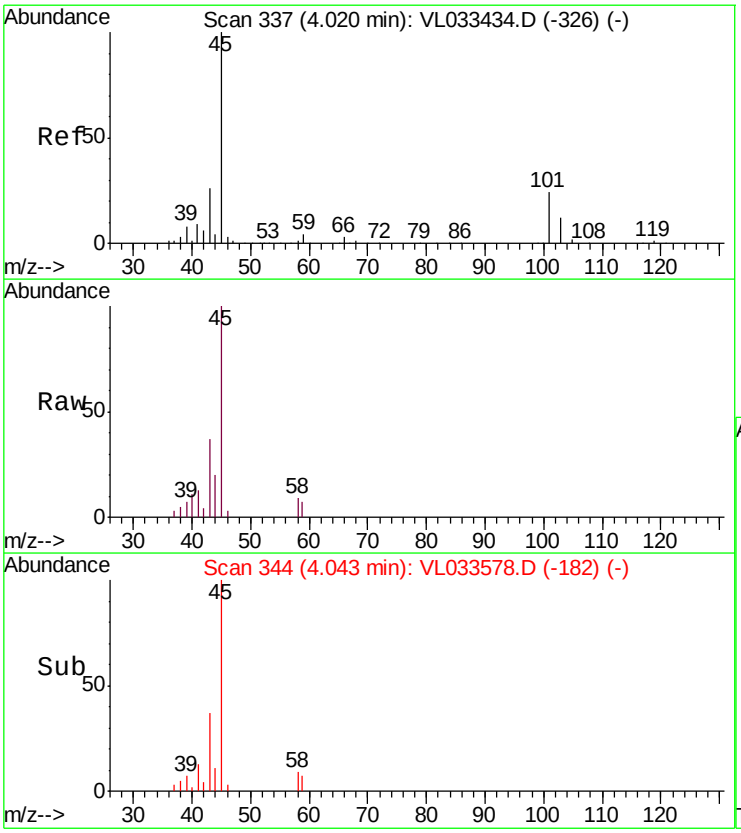
#17
tert-Butyl alcohol
Concen: 0.067 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.03 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument :
MSVOA_L
ClientSampleId :
A-7DL

Tgt Ion: 59 Resp: 1240

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

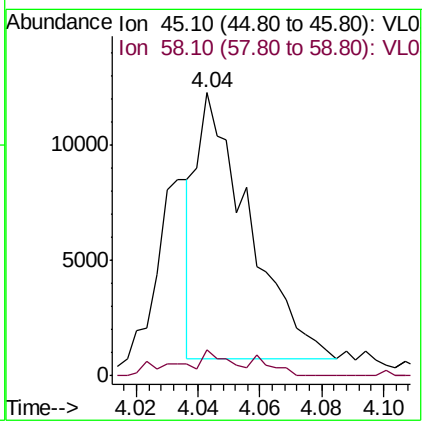


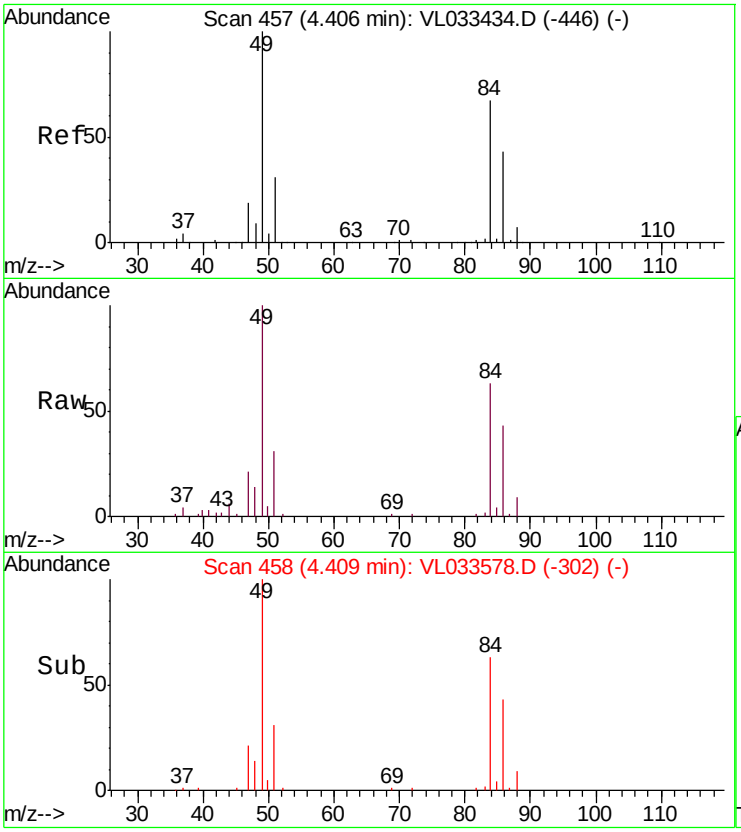


#19
Isopropyl Alcohol
Concen: 0.213 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 45 Resp: 13525

Ion	Ratio	Lower	Upper
45	100		
58	12.1	1.4	2.2#



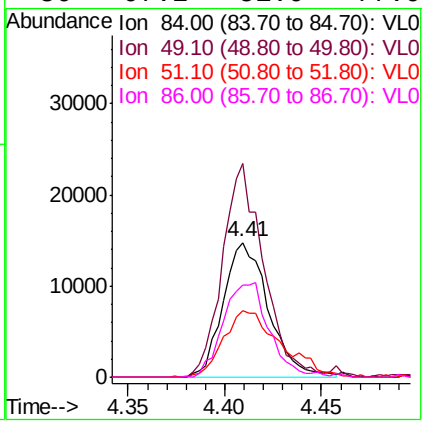


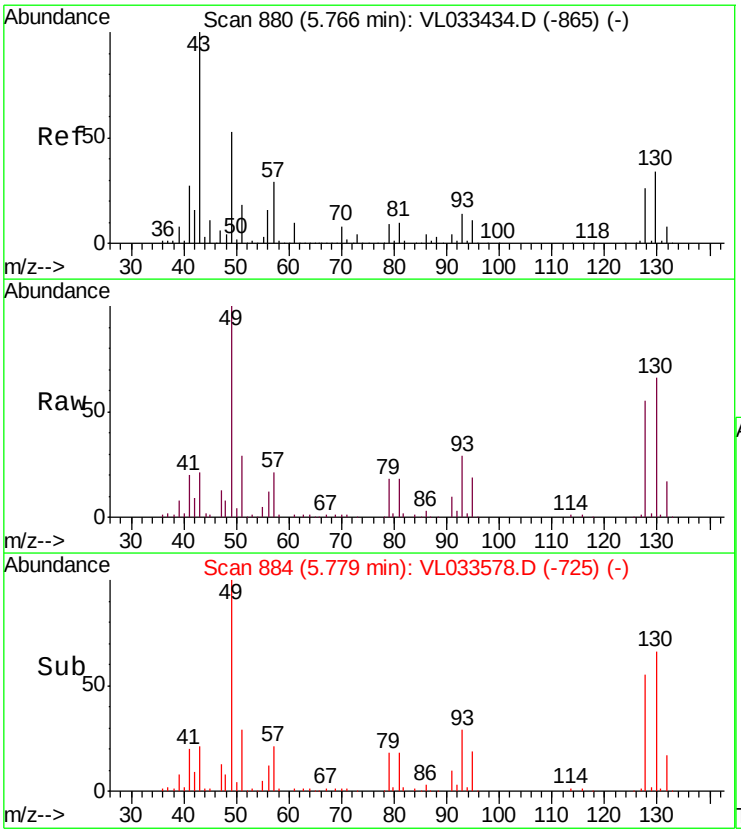
#20
Methylene Chloride
Concen: 0.566 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 84 Resp: 24098

Ion	Ratio	Lower	Upper
84	100		
49	158.4	120.0	180.0
51	49.3	36.7	55.1
86	67.2	51.9	77.9

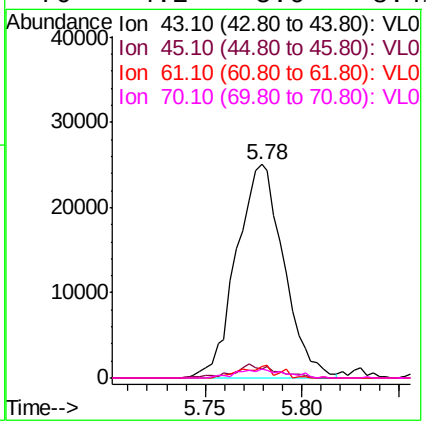


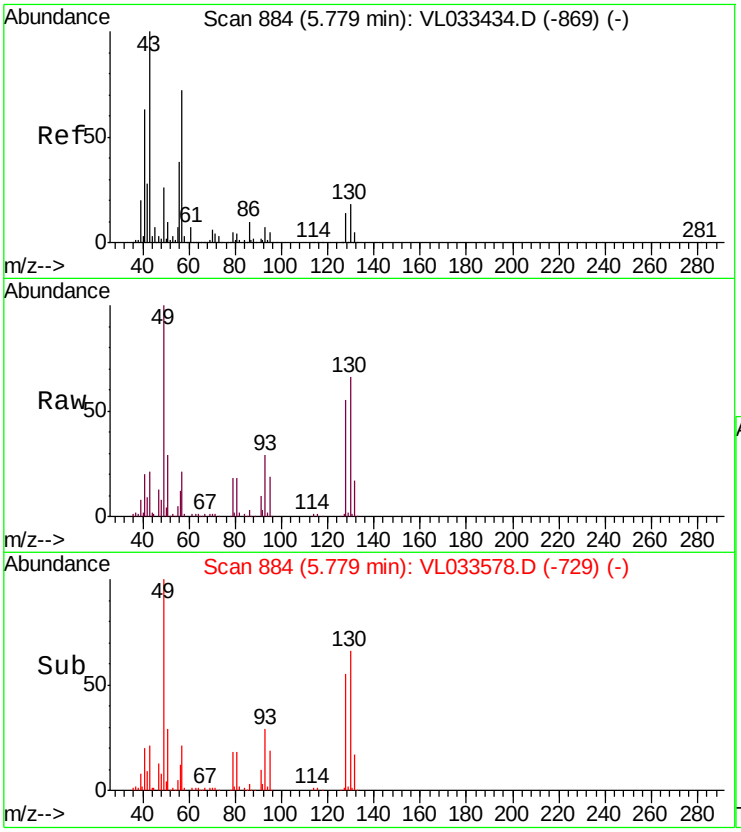


#25
Ethyl Acetate
Concen: 0.229 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 43 Resp: 42571

Ion	Ratio	Lower	Upper
43	100		
45	5.7	7.8	11.6#
61	4.5	7.3	10.9#
70	4.2	5.6	8.4#



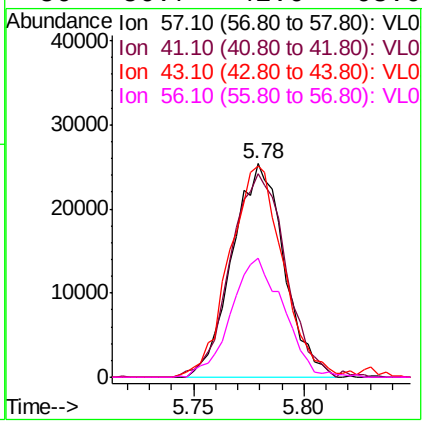


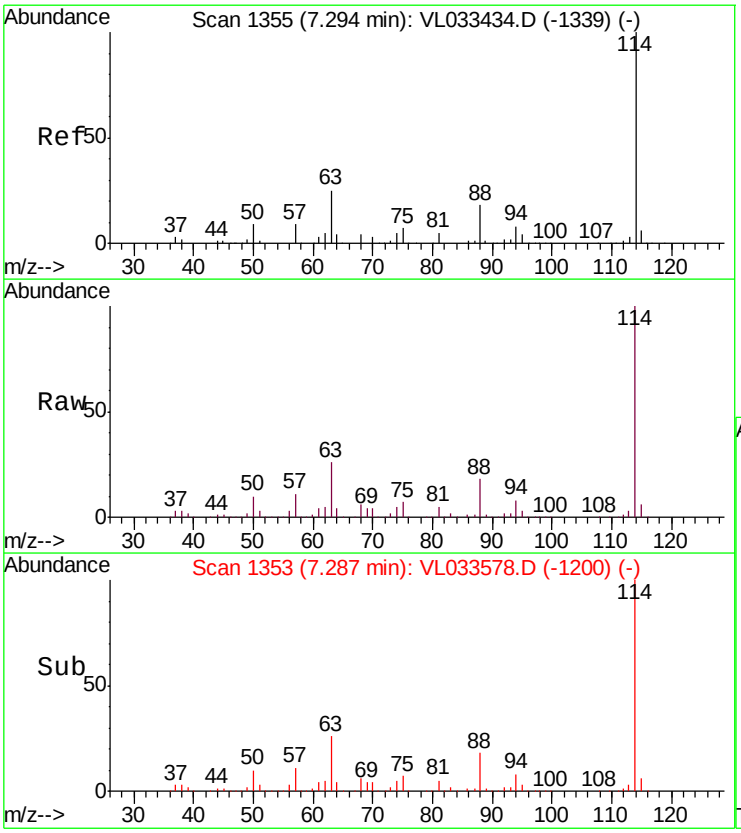
#26
Hexane
Concen: 0.502 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 57 Resp: 41535

Ion	Ratio	Lower	Upper
57	100		
41	102.0	70.7	106.1
43	105.0	182.6	274.0#
56	56.7	42.0	63.0

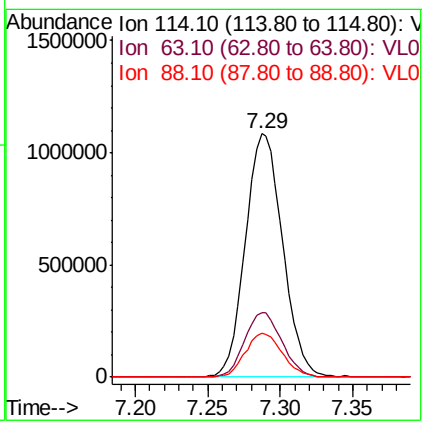


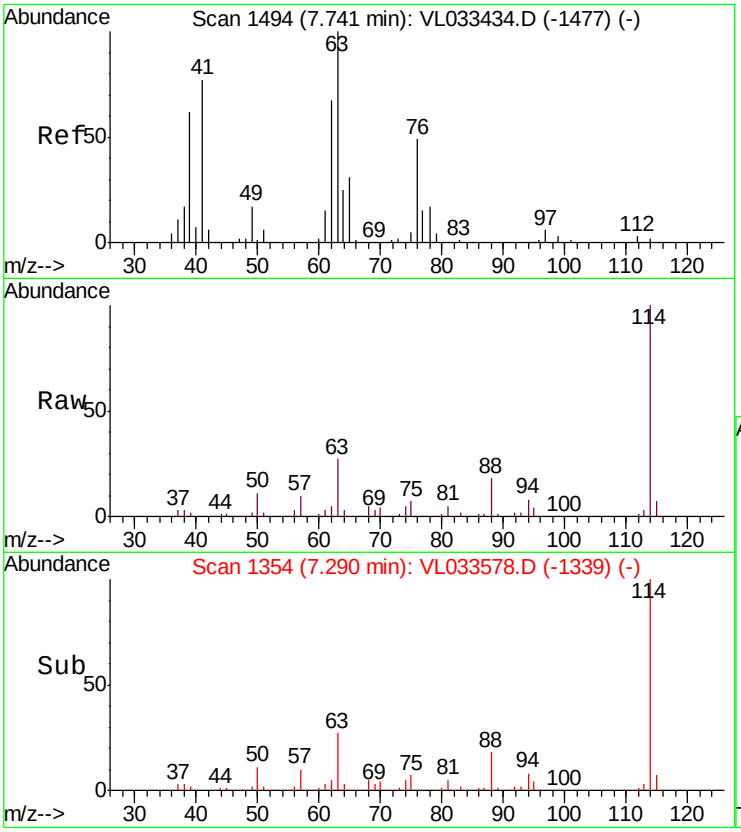


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion:114 Resp: 1938606

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.5	32.3
88	18.2	14.5	21.7



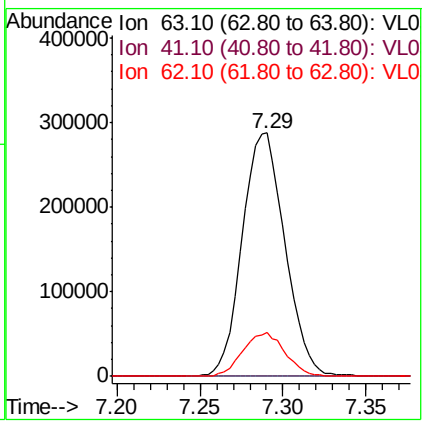


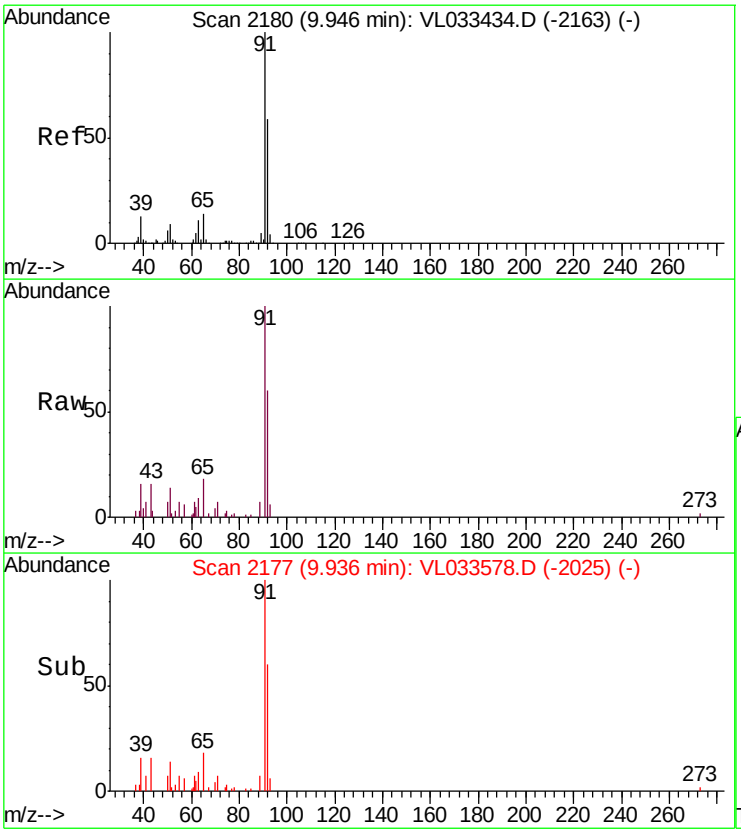
#39
1,2-Dichloropropane
Concen: 8.087 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 63 Resp: 515304

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	18.0	54.0	81.0#

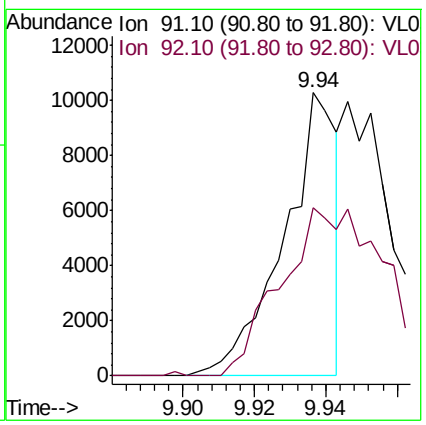


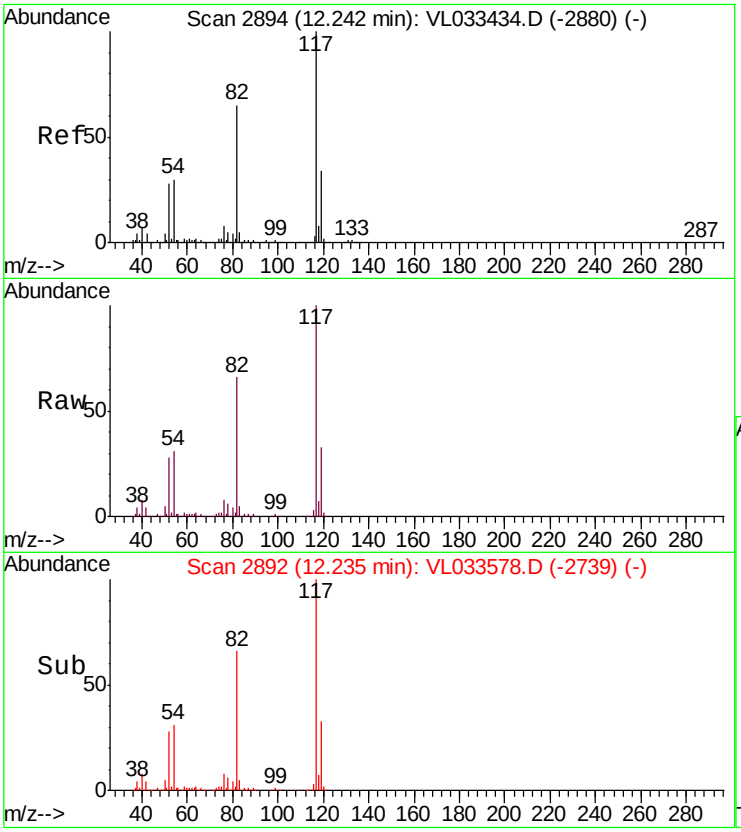


#53
Toluene
Concen: 0.056 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 91 Resp: 10515

Ion	Ratio	Lower	Upper
91	100		
92	120.0	47.4	71.0#



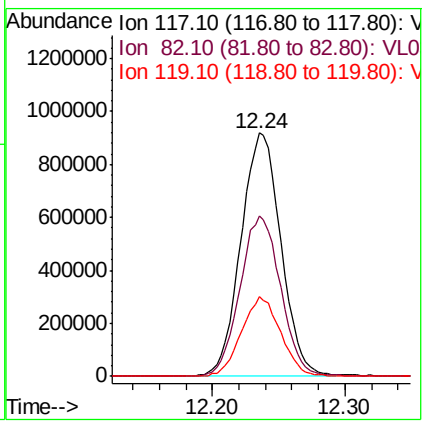


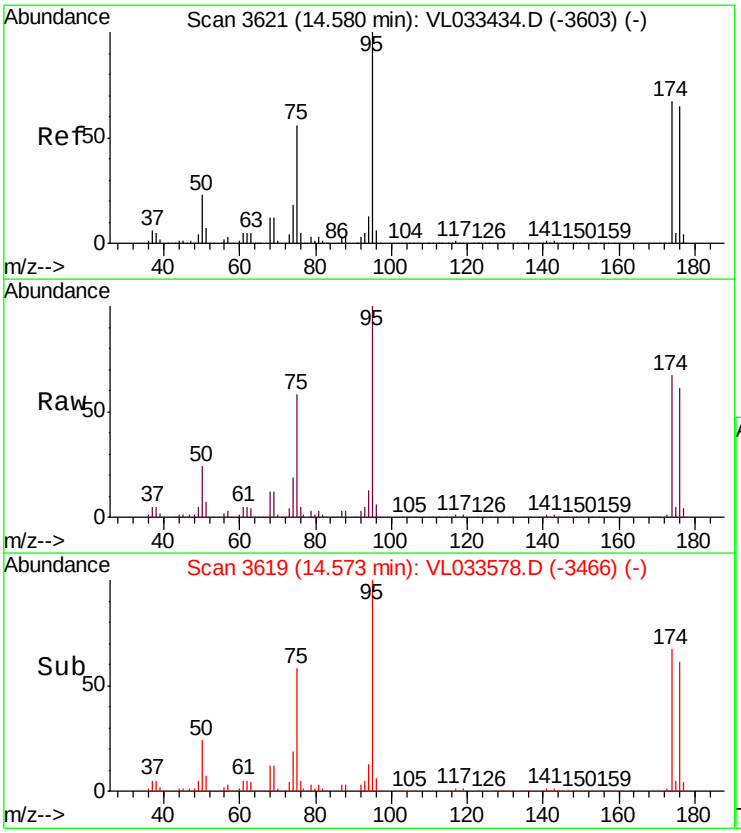
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion:117 Resp: 1924851

Ion	Ratio	Lower	Upper
117	100		
82	67.5	51.5	77.3
119	32.3	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.342 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033578.D
Acq: 11 Apr 2019 00:16

Tgt Ion: 95 Resp: 1560558

Ion	Ratio	Lower	Upper
95	100		
174	66.2	52.9	79.3
175	4.7	3.8	5.6