Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033015.D
Acq On : 18 Dec 2018 3:46
Operator : SY/AP
Sample : J6444-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 09:18:14 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	1208900	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2869028	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2673305	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2265305	11.47	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 114.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	11024	0.068	ppbv	92
3) Chlorodifluoromethane	3.02	51	8232	0.090	ppbv	96
4) Chloromethane	3.17	50	10851	0.204	ppbv	90
8) Dichlorotetrafluoroethane	3.08	85	11024	0.082	ppbv #	16
9) Propene	3.24	41	32245	0.891	ppbv	96
13) Ethanol	3.67	45	41175	3.303	ppbv	94
15) Acetone	3.92	43	97550	0.940	ppbv	100
16) 1,3-Butadiene	3.35	39	4577	0.111	ppbv #	36
19) Isopropyl Alcohol	4.06	45	12357	0.190	ppbv #	86
20) Methylene Chloride	4.42	84	37788	0.745	ppbv	84
25) Ethyl Acetate	5.79	43	19474	0.079	ppbv #	80
26) Hexane	5.79	57	23651	0.209	ppbv #	45
36) Benzene	7.01	78	13052	0.062	ppbv #	84
39) 1,2-Dichloropropane	7.29	63	681868	8.520	ppbv #	20
53) Toluene	9.95	91	1942281	8.678	ppbv	99

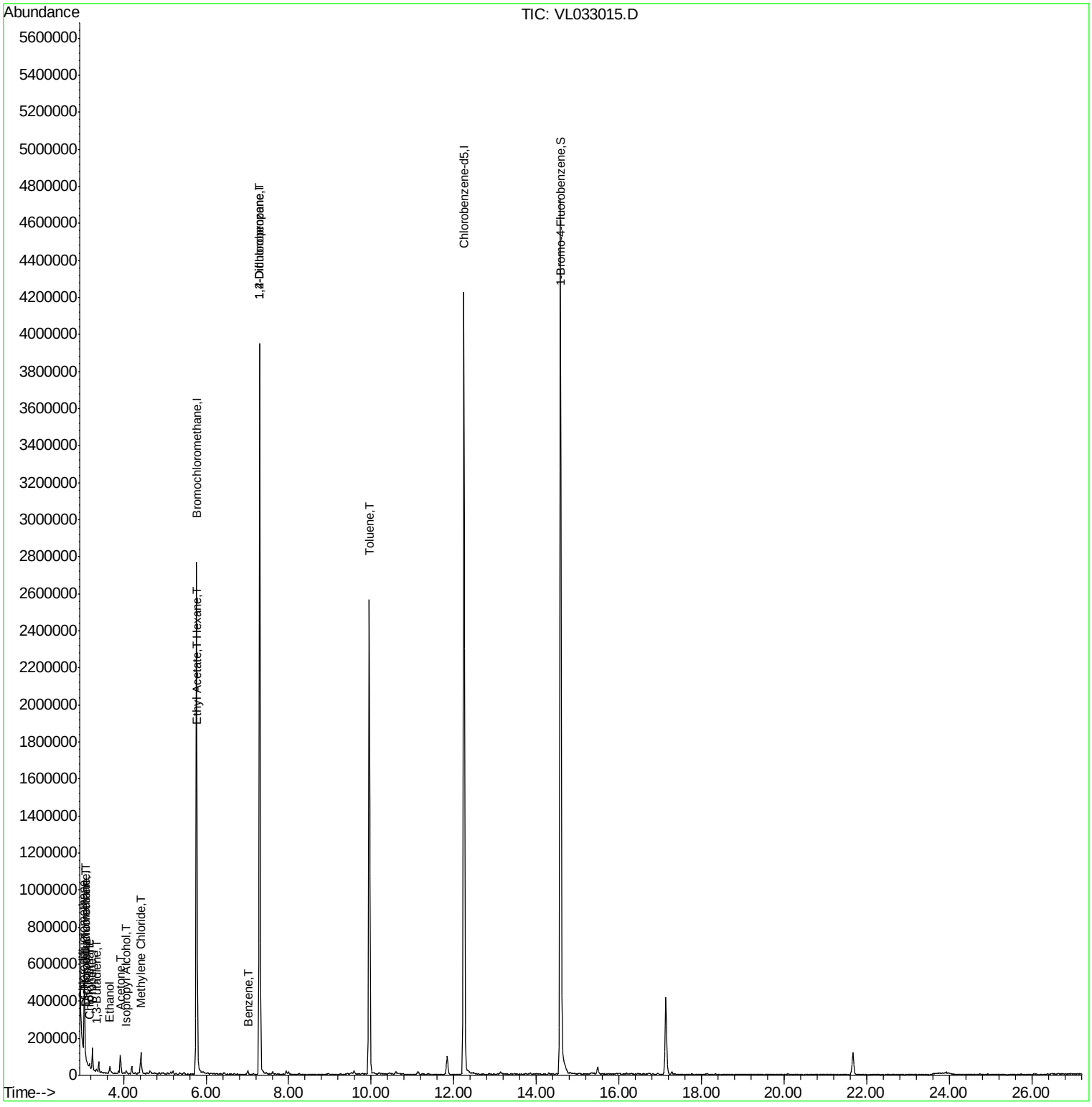
(#) = qualifier out of range (m) = manual integration (+) = signals summed

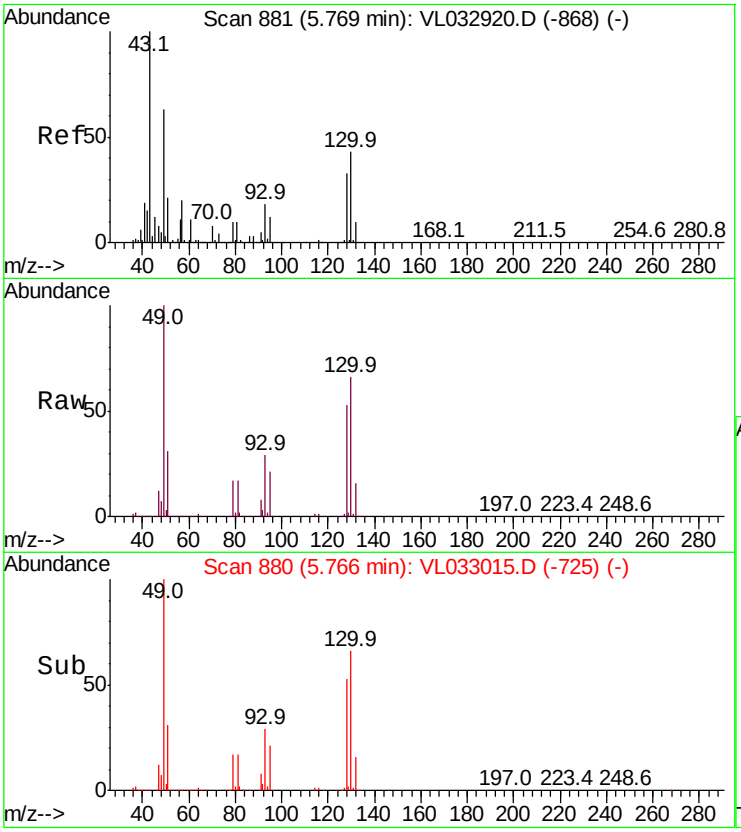
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033015.D
Acq On : 18 Dec 2018 3:46
Operator : SY/AP
Sample : J6444-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 09:18:14 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



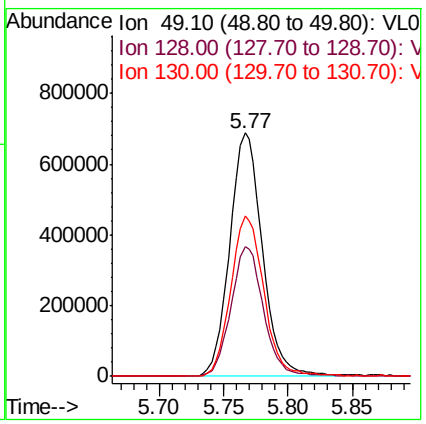


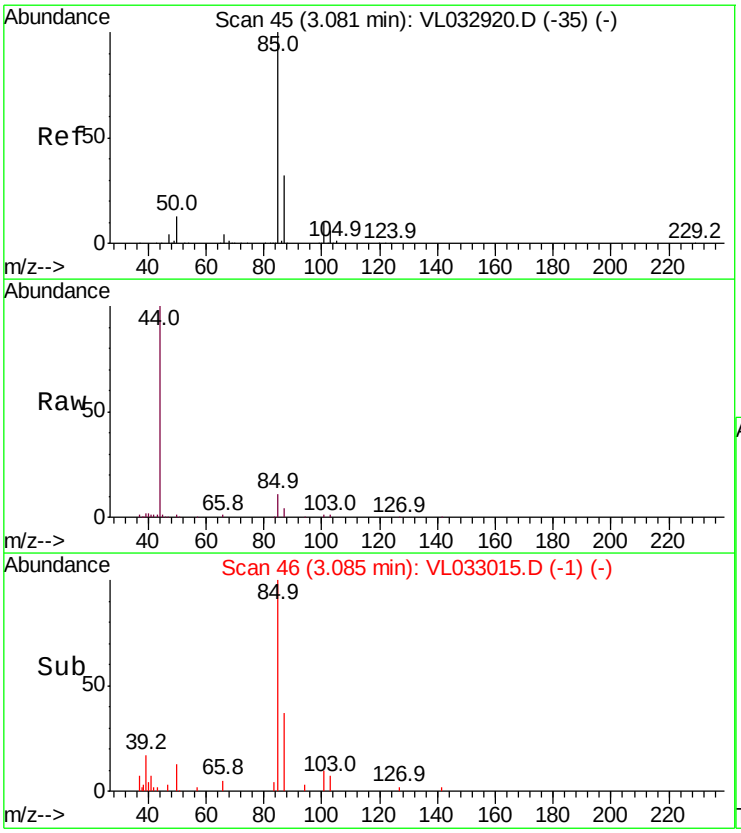
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1208900

Ion	Ratio	Lower	Upper
49	100		
128	53.3	26.3	78.8
130	67.4	33.9	101.7

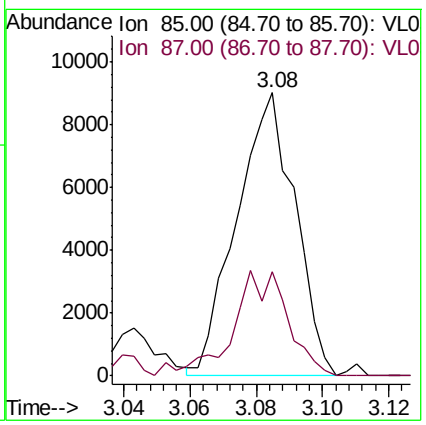


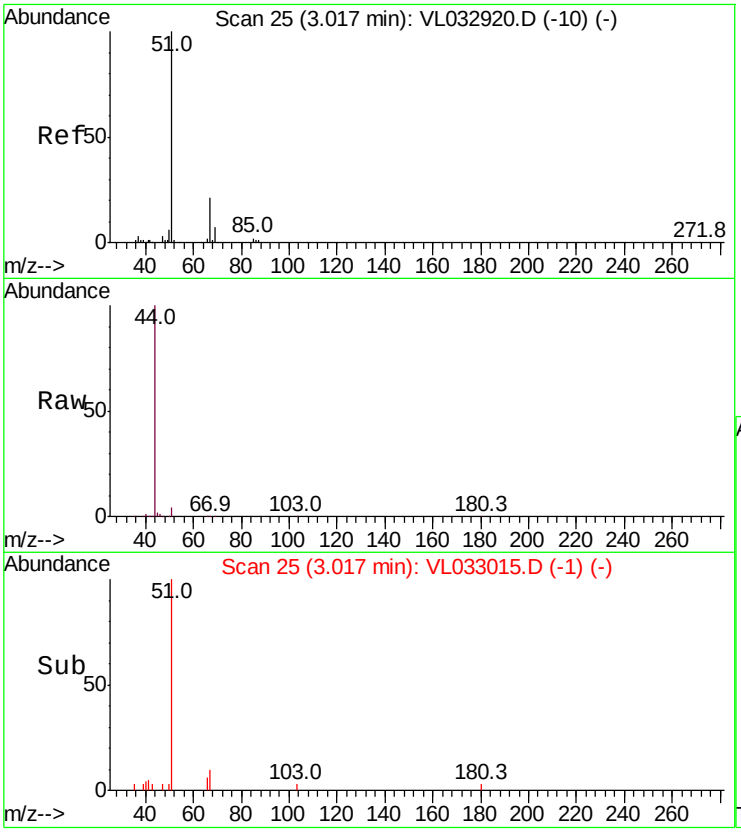


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.08 min Scan# 46
Delta R.T. 0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 85 Resp: 11024

Ion	Ratio	Lower	Upper
85	100		
87	36.7	25.7	38.5



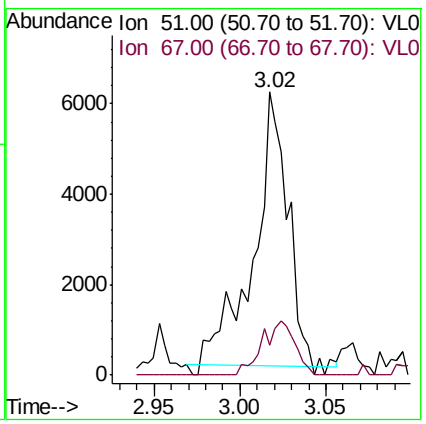


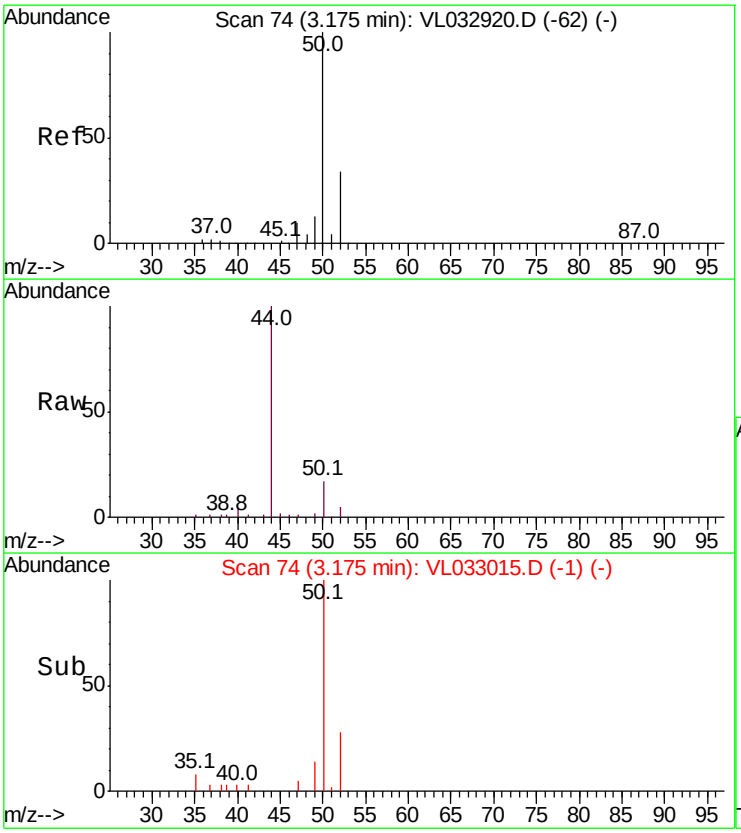
#3
Chlorodifluoromethane
Concen: 0.090 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 8232

Ion	Ratio	Lower	Upper
51	100		
67	19.1	16.8	25.2

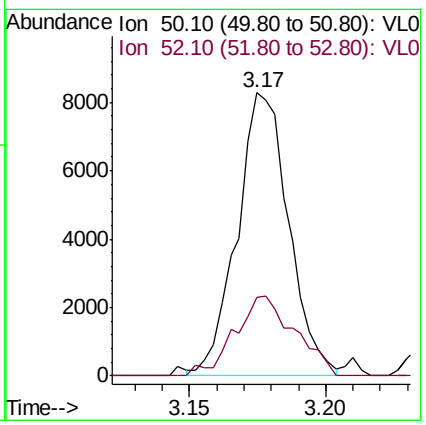


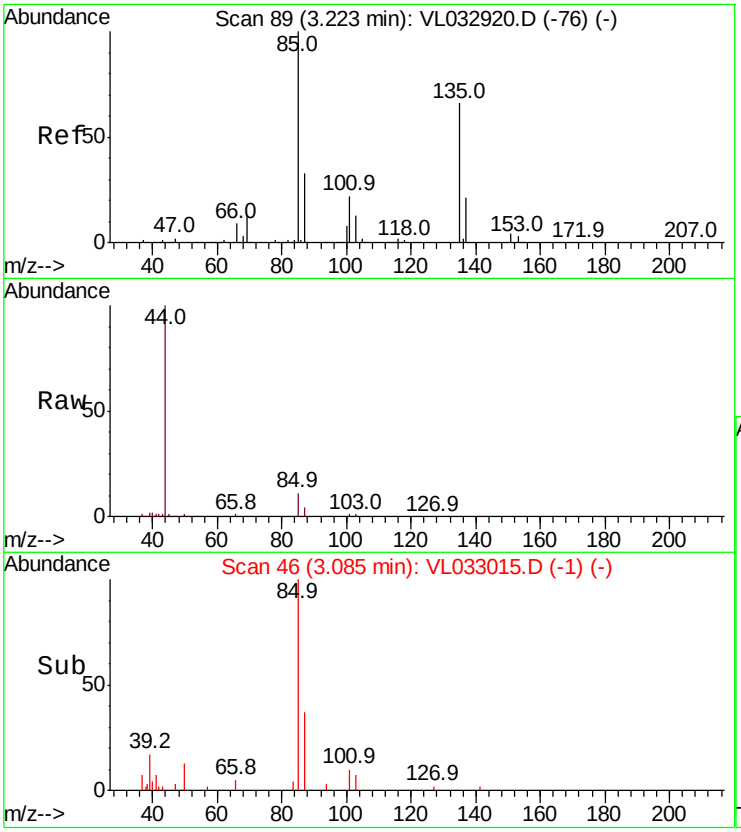


#4
Chloromethane
Concen: 0.204 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 50 Resp: 10851

Ion	Ratio	Lower	Upper
50	100		
52	28.3	27.3	40.9



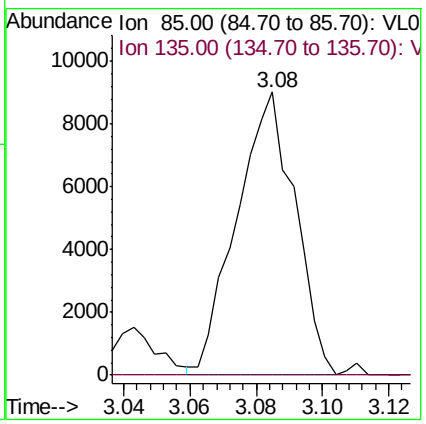


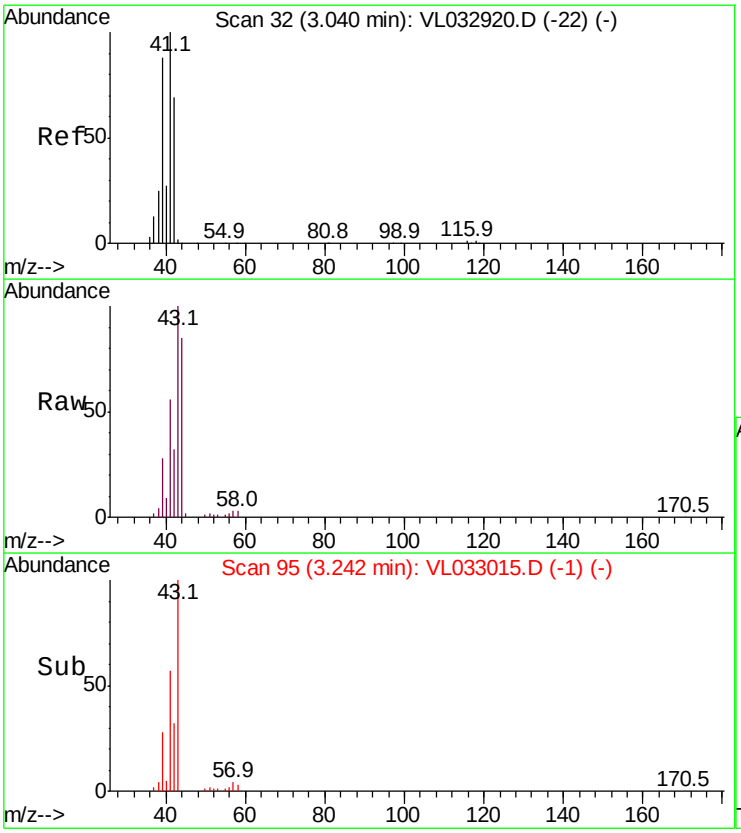
#8
Dichlorotetrafluoroethane
Concen: 0.082 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.14 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 11024

Ion	Ratio	Lower	Upper
85	100		
135	0.0	54.5	81.7#

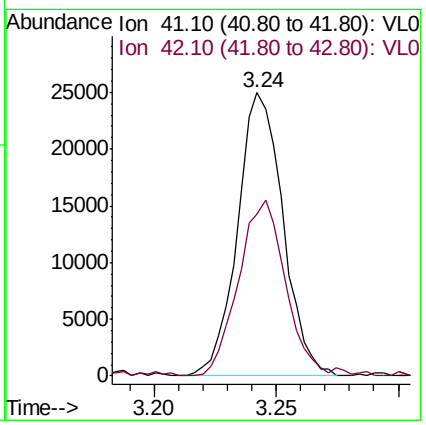


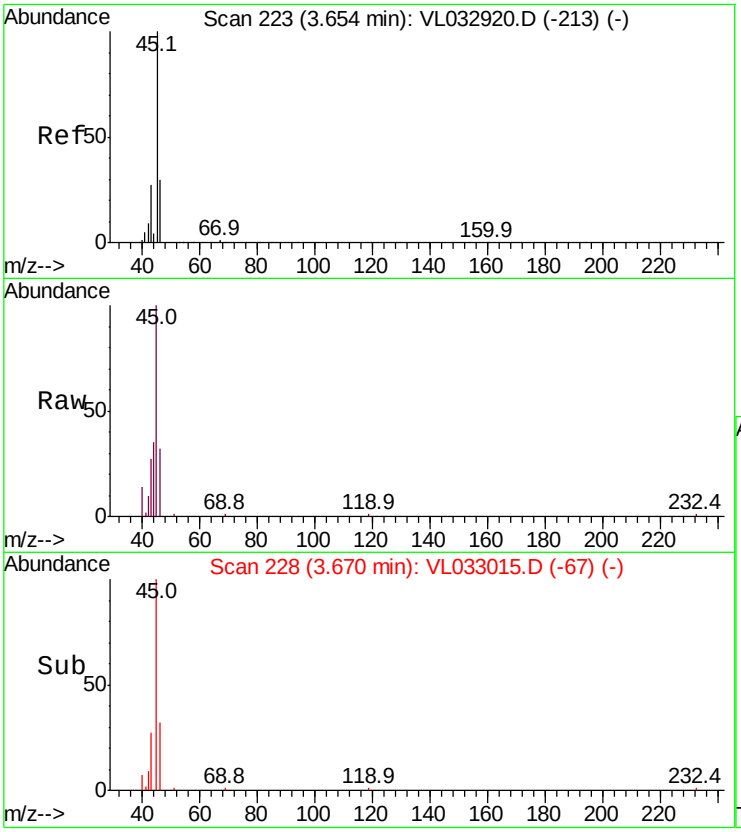


#9
Propene
Concen: 0.891 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 41 Resp: 32245

Ion	Ratio	Lower	Upper
41	100		
42	66.8	56.2	84.2



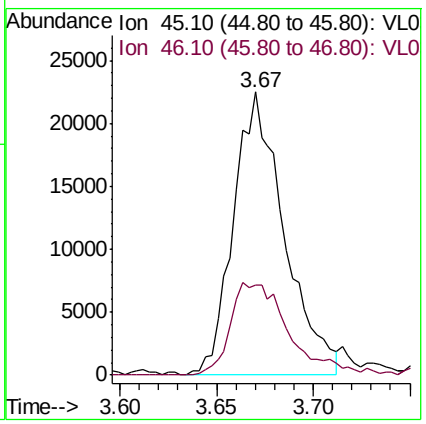


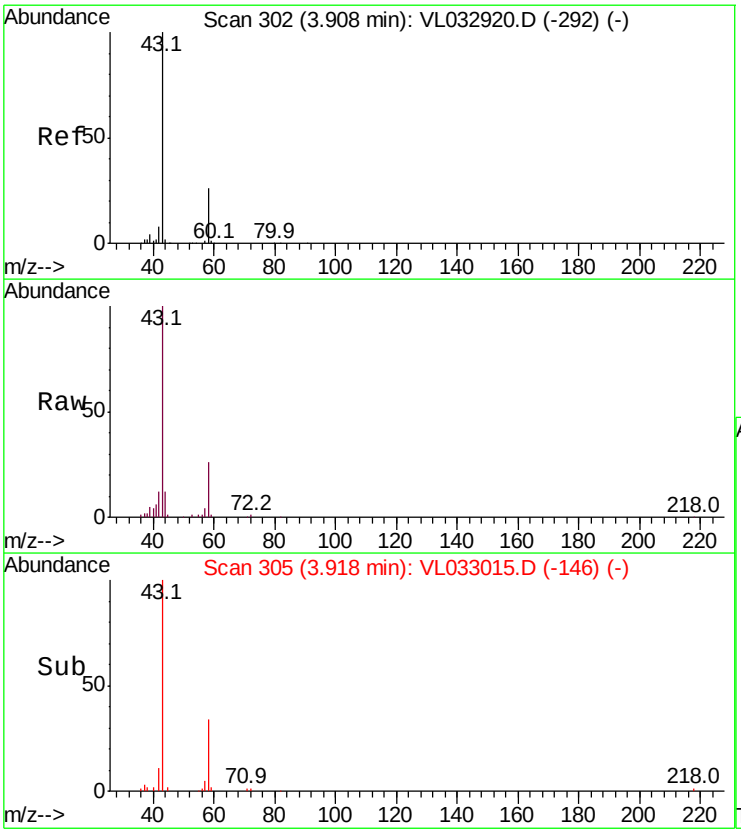
#13
Ethanol
Concen: 3.303 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 41175

Ion	Ratio	Lower	Upper
45	100		
46	38.1	13.8	55.4

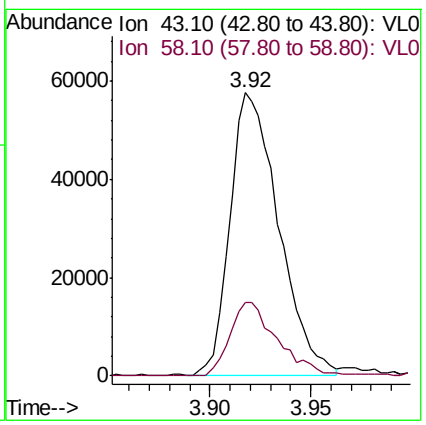


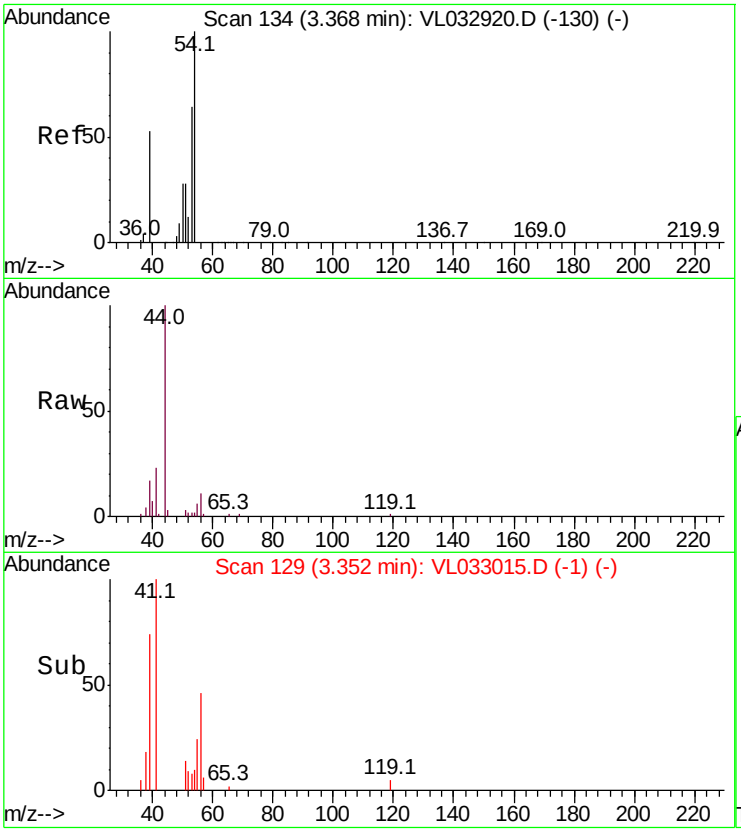


#15
Acetone
Concen: 0.940 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 43 Resp: 97550

Ion	Ratio	Lower	Upper
43	100		
58	25.8	20.6	30.8



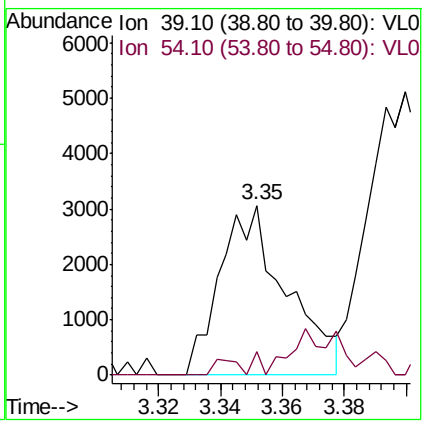


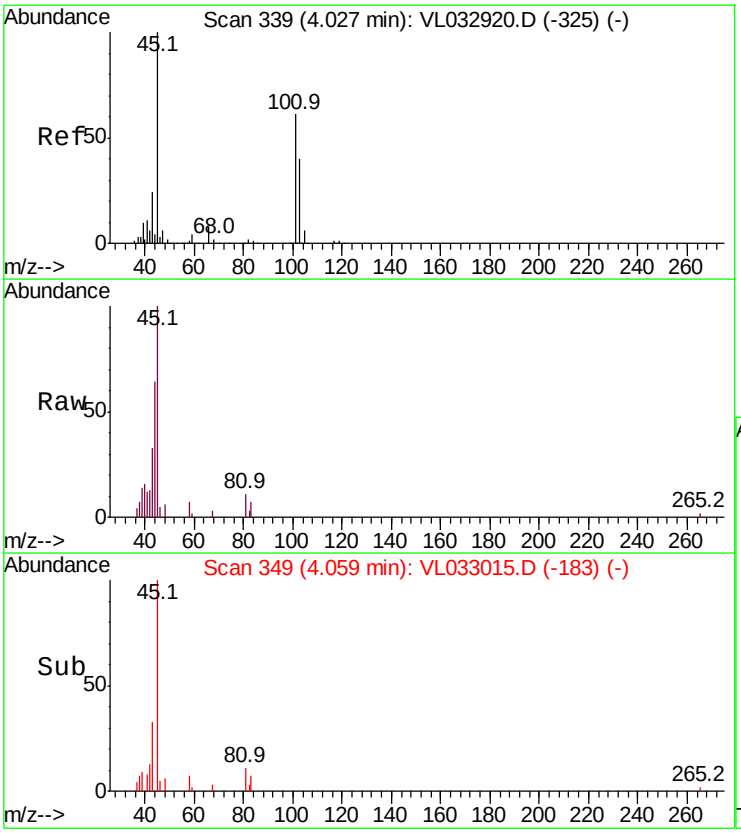
#16
1,3-Butadiene
Concen: 0.111 ppbv
RT: 3.35 min Scan# 129
Delta R.T. -0.02 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 4577

Ion	Ratio	Lower	Upper
39	100		
54	30.0	72.7	109.1#

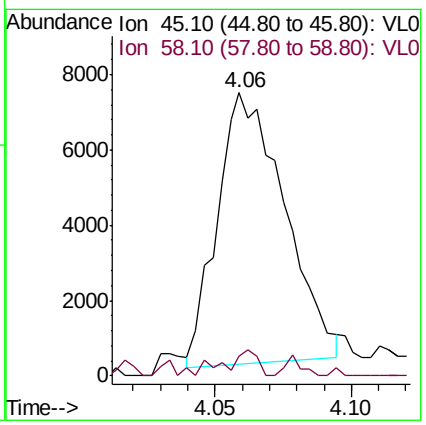


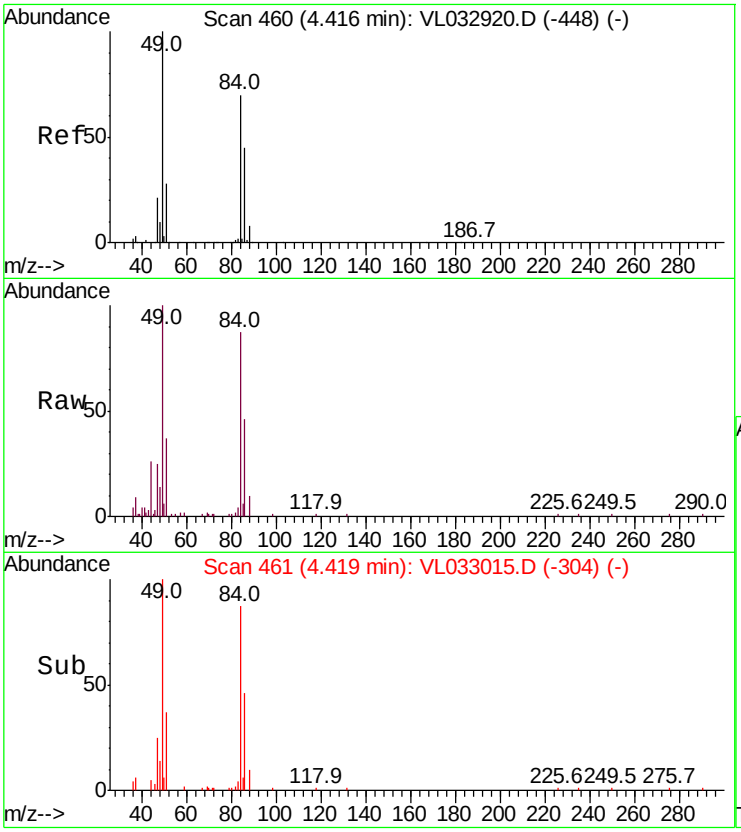


#19
Isopropyl Alcohol
Concen: 0.190 ppbv
RT: 4.06 min Scan# 349
Delta R.T. 0.03 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 45 Resp: 12357

Ion	Ratio	Lower	Upper
45	100		
58	6.9	1.4	2.2#



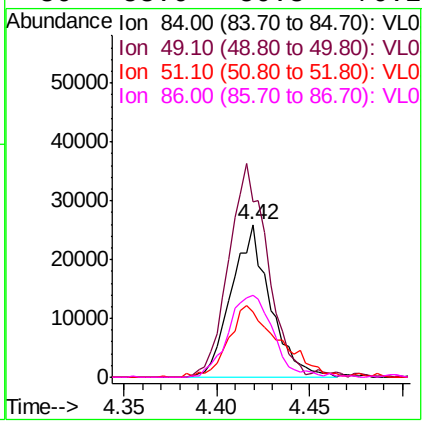


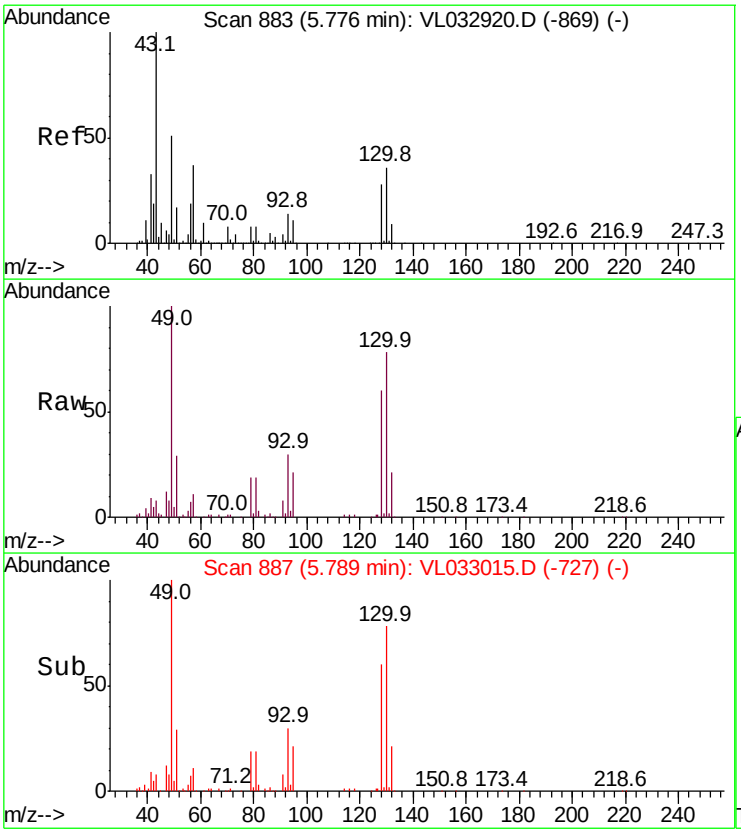
#20
Methylene Chloride
Concen: 0.745 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 37788

Ion	Ratio	Lower	Upper
84	100		
49	115.5	113.8	170.8
51	40.8	31.8	47.8
86	53.6	50.8	76.2

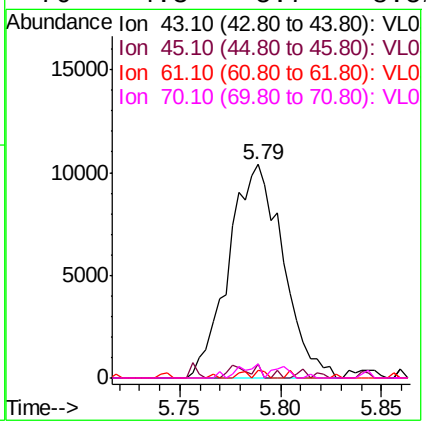


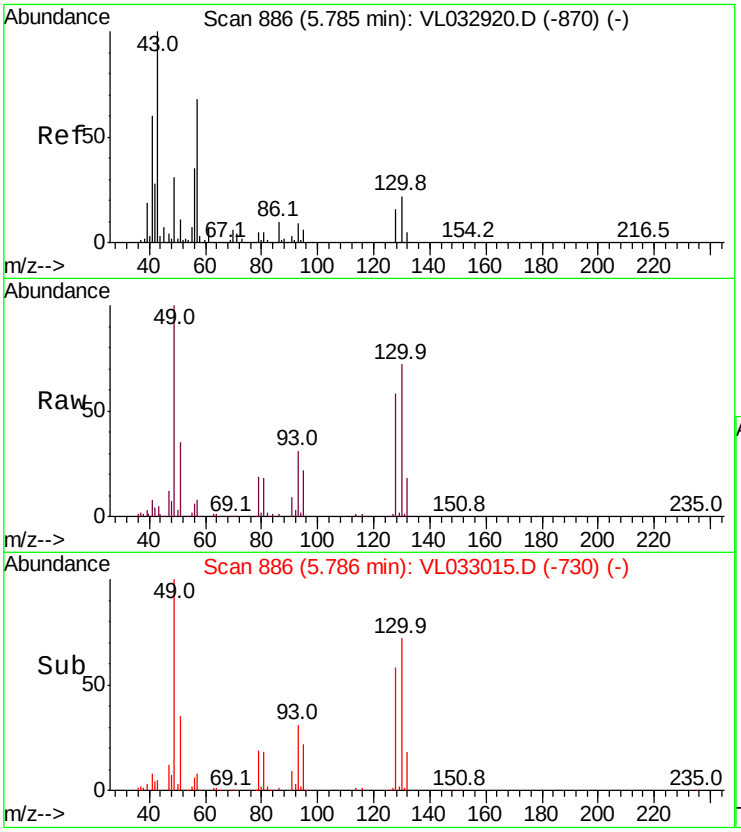


#25
Ethyl Acetate
Concen: 0.079 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 43 Resp: 19474

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	1.1	7.4	11.2#
70	4.3	5.7	8.5#



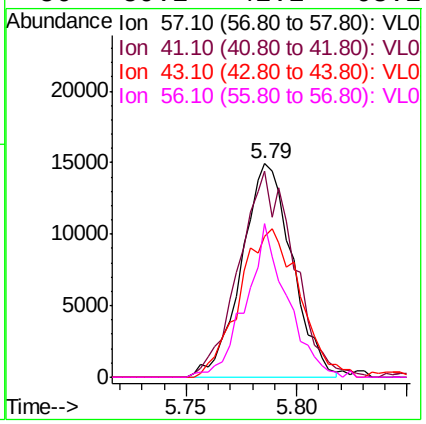


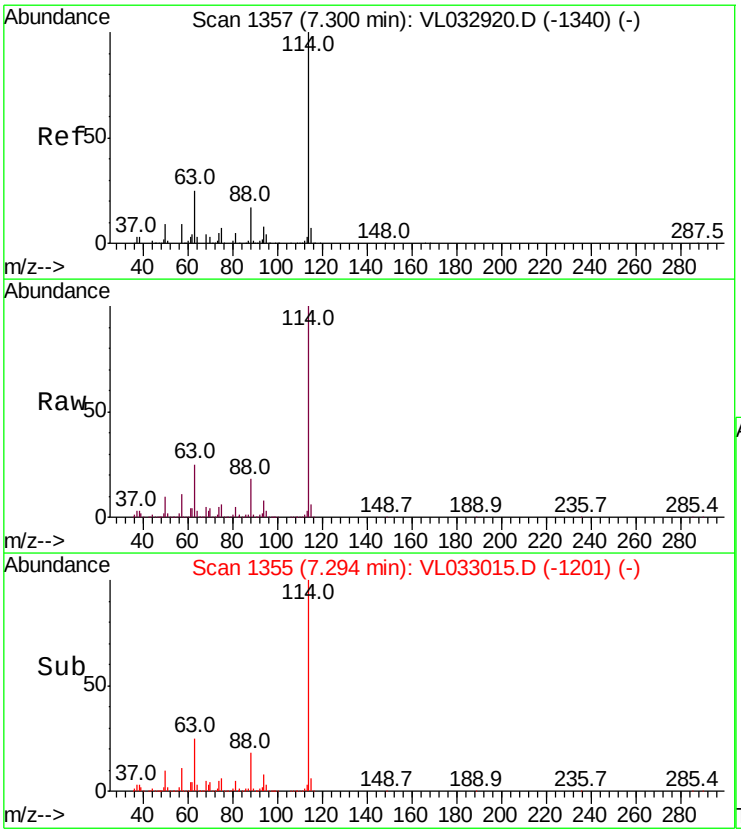
#26
Hexane
Concen: 0.209 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 23651

Ion	Ratio	Lower	Upper
57	100		
41	106.3	72.2	108.2
43	84.2	171.9	257.9#
56	59.2	42.2	63.2

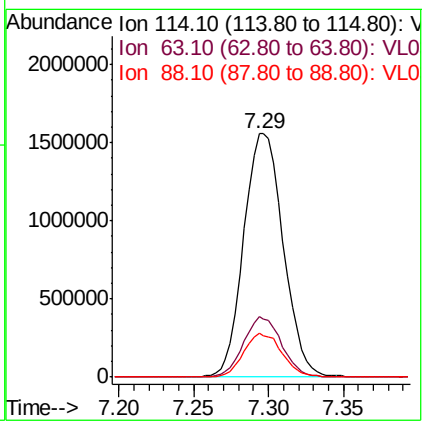


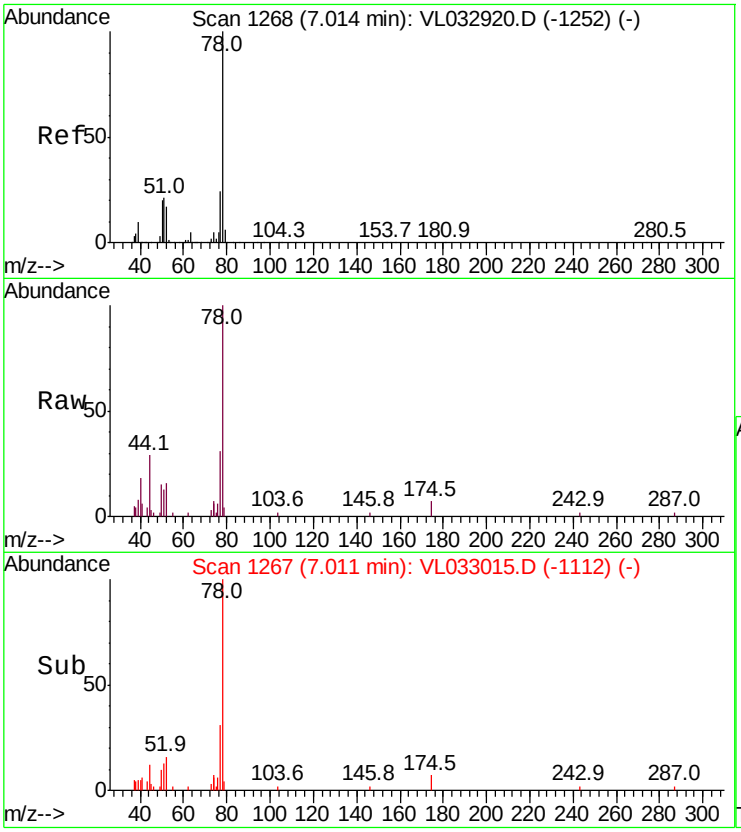


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion:114 Resp: 2869028

Ion	Ratio	Lower	Upper
114	100		
63	24.0	20.1	30.1
88	17.5	14.2	21.4



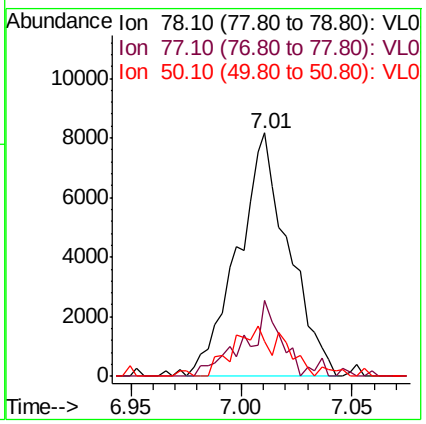


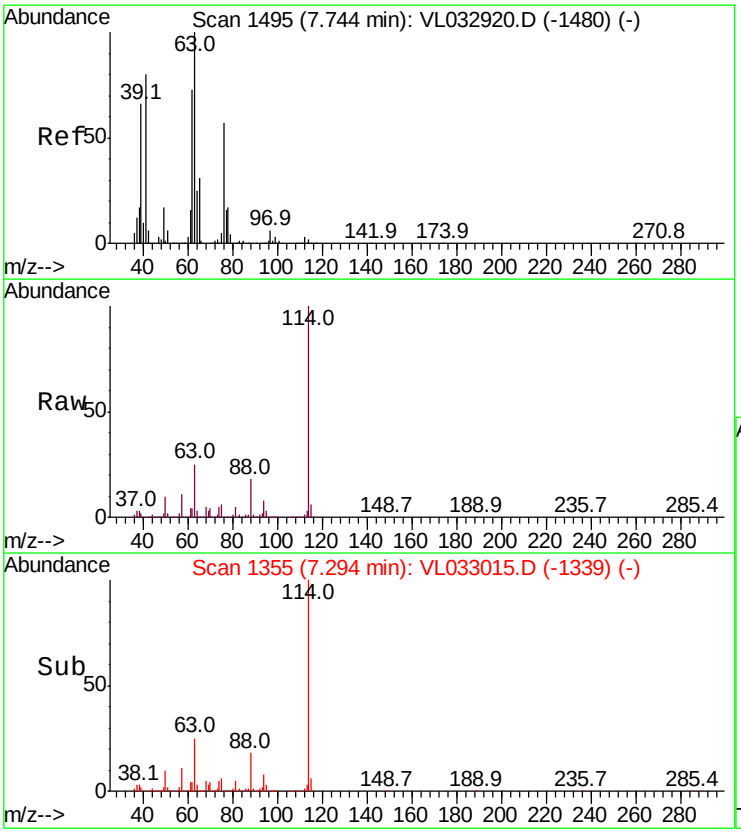
#36
Benzene
Concen: 0.062 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 13052

Ion	Ratio	Lower	Upper
78	100		
77	30.9	18.9	28.3#
50	12.1	16.1	24.1#

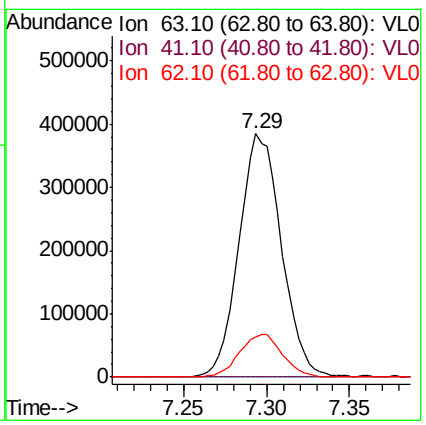


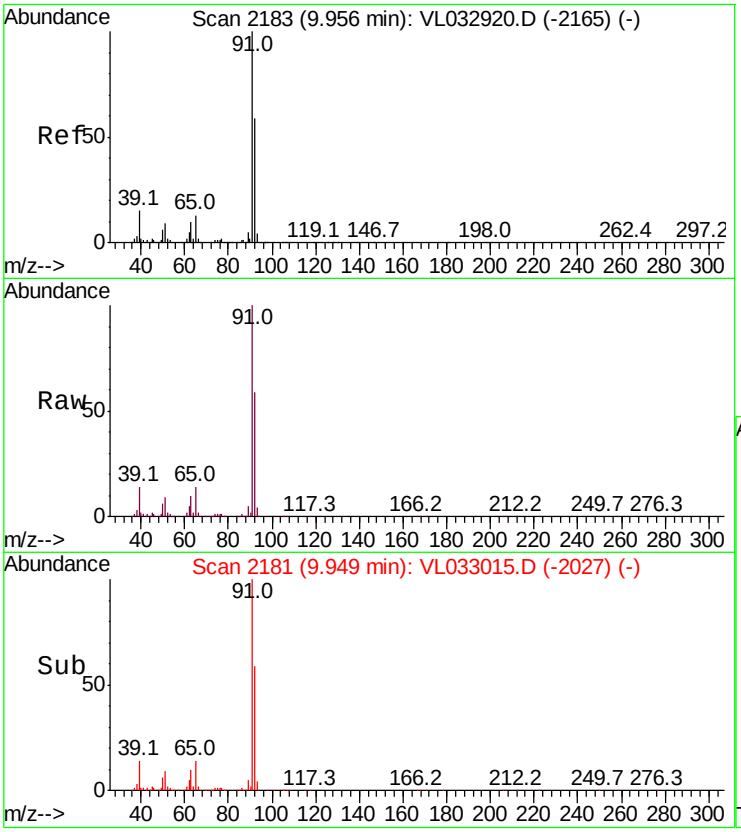


#39
1,2-Dichloropropane
Concen: 8.520 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion: 63 Resp: 681868

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	16.5	58.8	88.2#



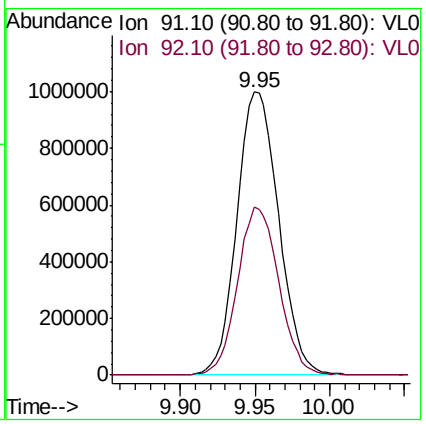


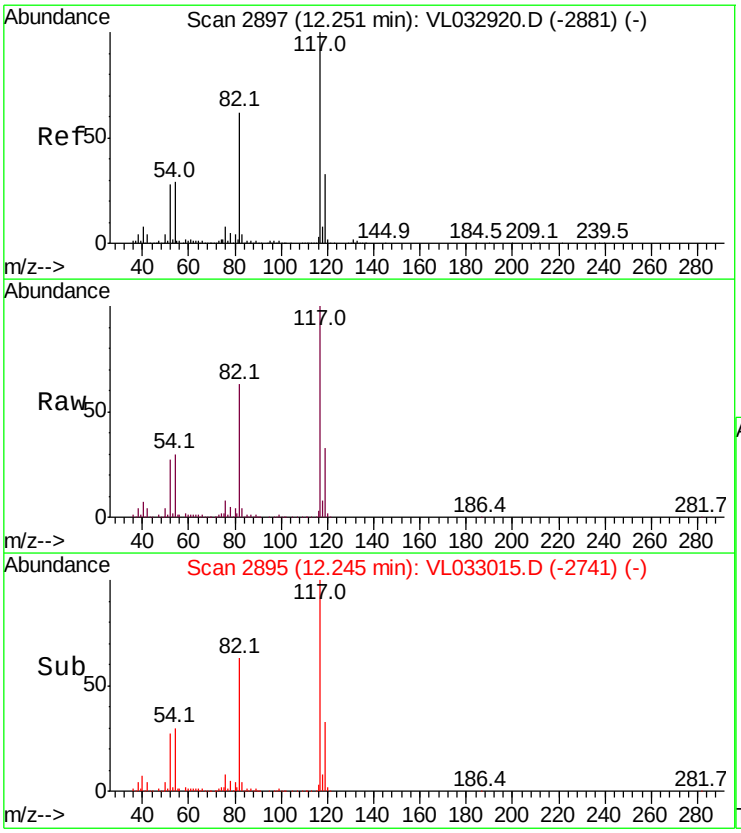
#53
Toluene
Concen: 8.678 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1942281

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.0

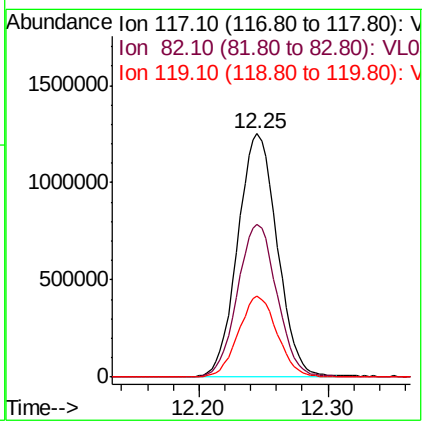


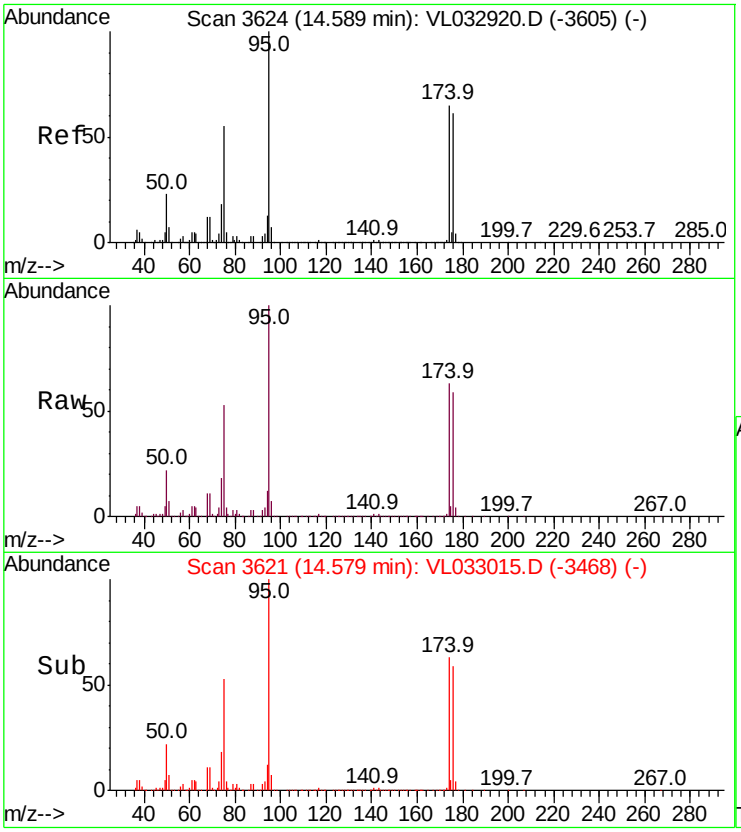


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Tgt Ion:117 Resp: 2673305

Ion	Ratio	Lower	Upper
117	100		
82	63.2	47.8	71.8
119	32.7	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 11.470 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033015.D
Acq: 18 Dec 2018 3:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2265305

Ion	Ratio	Lower	Upper
95	100		
174	66.2	51.4	77.0
175	4.8	3.8	5.6