Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033551.D
Acq On : 5 Apr 2019 2:50
Operator : SY/AP
Sample : K2226-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV5DL

Quant Time: Apr 05 03:32:04 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	1218530	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2892282	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2910564	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2317799	10.16	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	12080	0.068	ppbv #	76
3) Chlorodifluoromethane	3.02	51	5547	0.040	ppbv	92
9) Propene	3.03	41	64734	1.099	ppbv	98
13) Ethanol	3.67	45	29175	1.914	ppbv	73
15) Acetone	3.90	43	411475	2.808	ppbv	95
16) 1,3-Butadiene	3.36	39	7330	0.126	ppbv #	36
20) Methylene Chloride	4.41	84	50305	0.809	ppbv #	81
25) Ethyl Acetate	5.78	43	20968	0.077	ppbv #	80
26) Hexane	5.78	57	29712	0.246	ppbv #	39
34) 2-Butanone	5.34	43	94743	0.545	ppbv	100
39) 1,2-Dichloropropane	7.29	63	742179	7.807	ppbv #	24
51) 2-Hexanone	10.30	43	24911	0.131	ppbv #	96
53) Toluene	9.94	91	13191	0.047	ppbv #	1

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

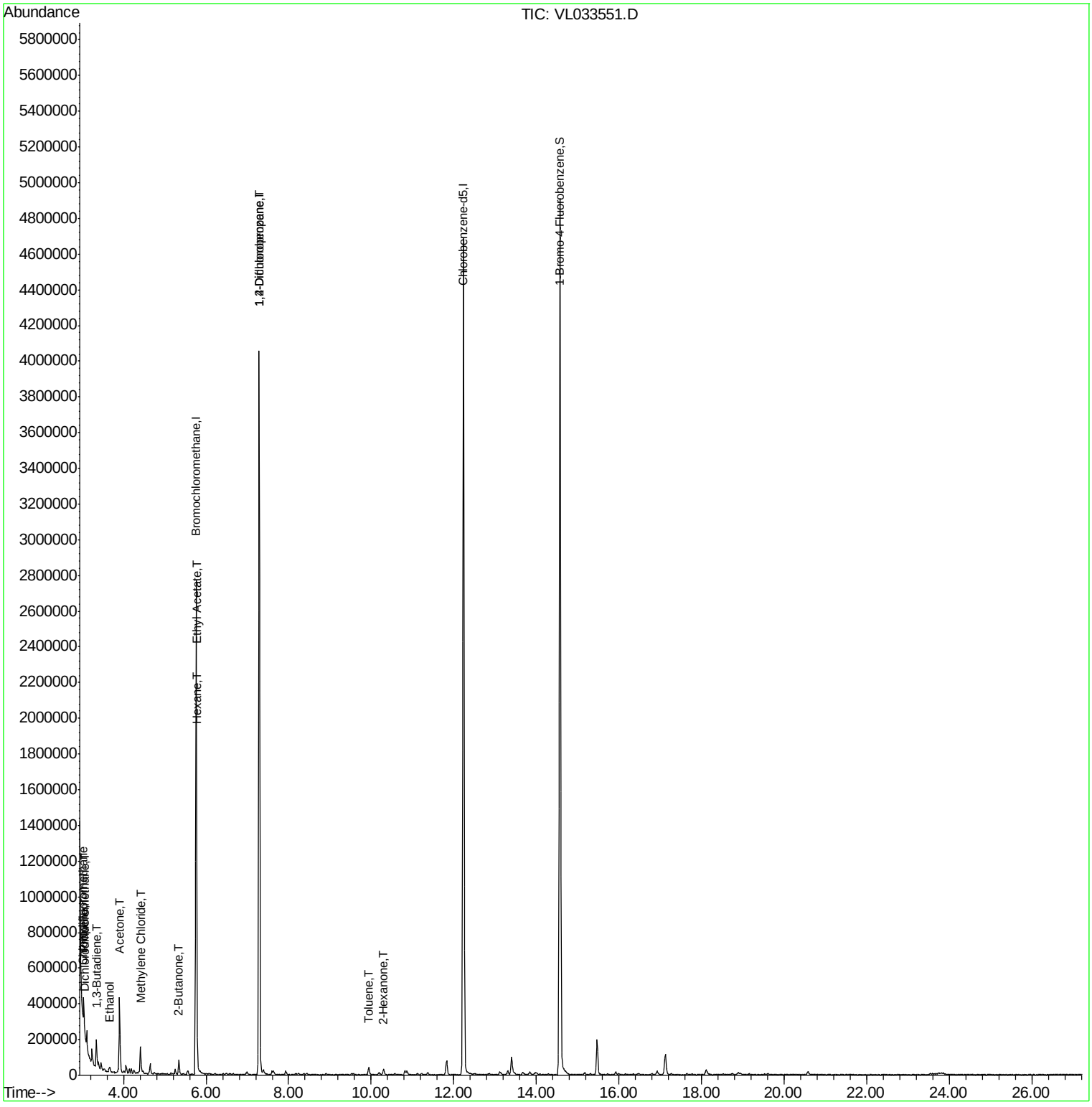
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

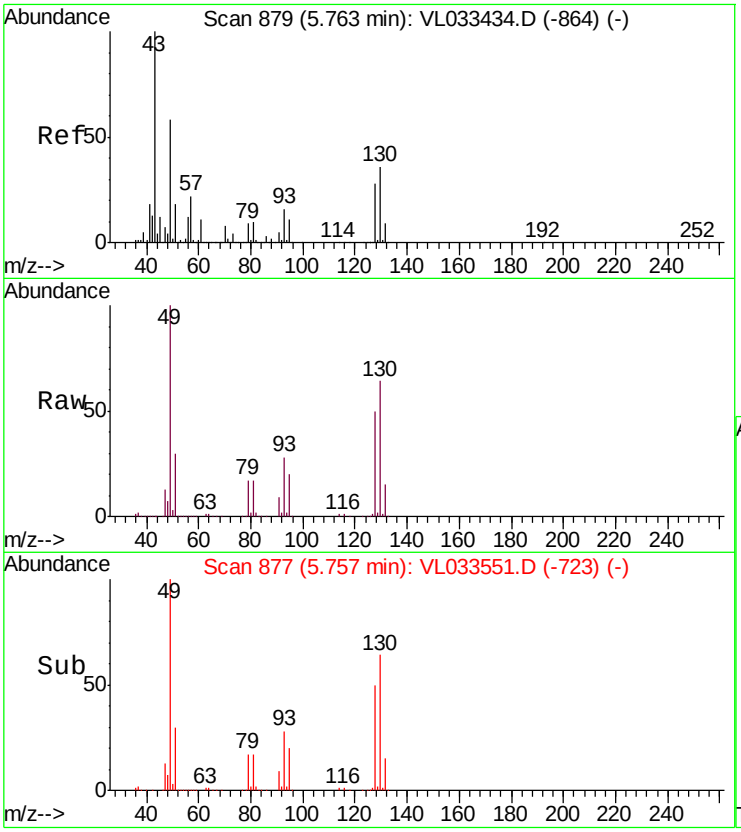
Quantitation Report (Not Reviewed)

Data File : VL033551.D
Acq On : 5 Apr 2019 2:50
Operator : SY/AP
Sample : K2226-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV5DL

Quant Time: Apr 05 03:32:04 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



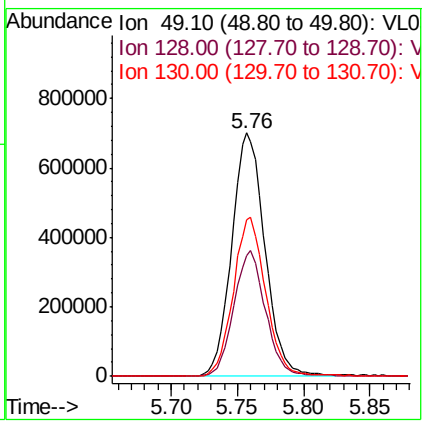


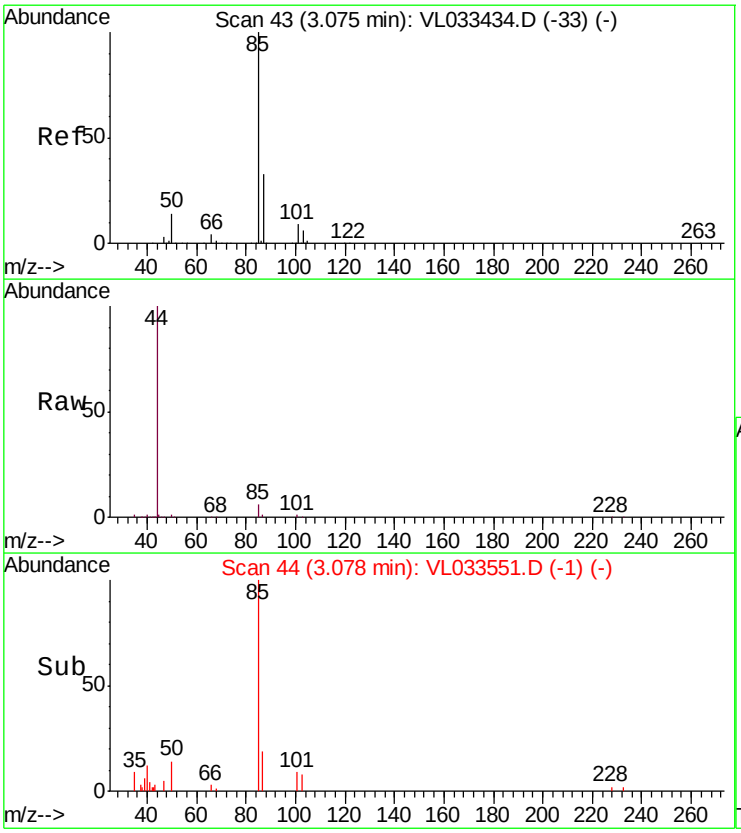
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 49 Resp: 1218530

Ion	Ratio	Lower	Upper
49	100		
128	50.0	24.0	72.0
130	64.1	31.2	93.6

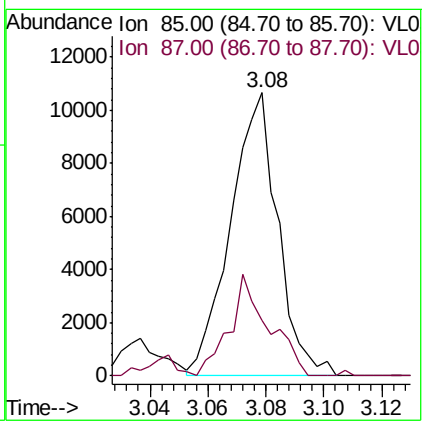


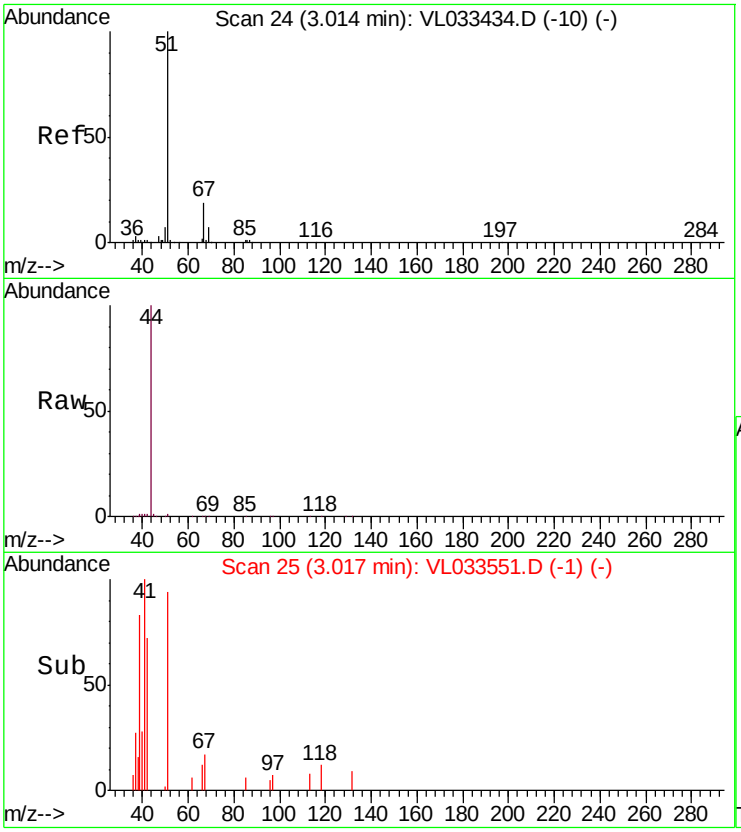


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 85 Resp: 12080

Ion	Ratio	Lower	Upper
85	100		
87	19.5	26.7	40.1#



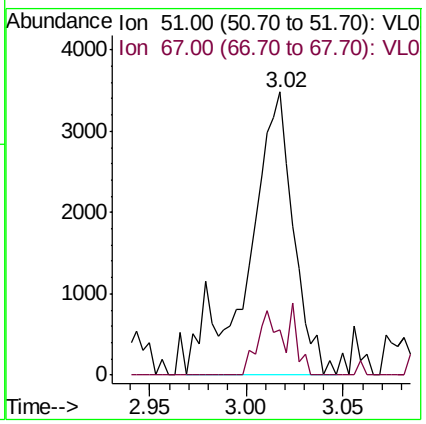


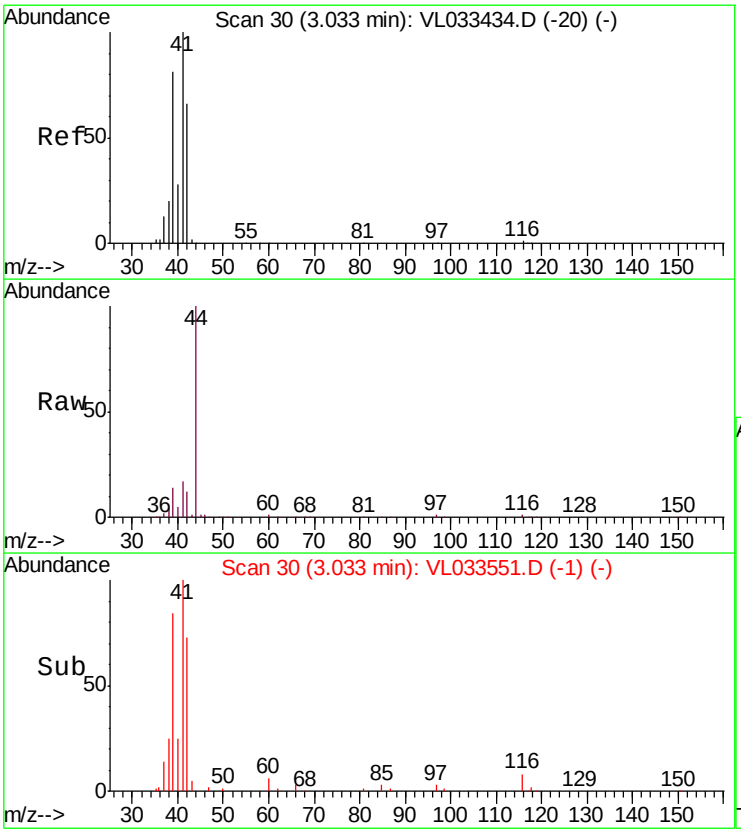
#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 51 Resp: 5547

Ion	Ratio	Lower	Upper
51	100		
67	16.1	15.7	23.5

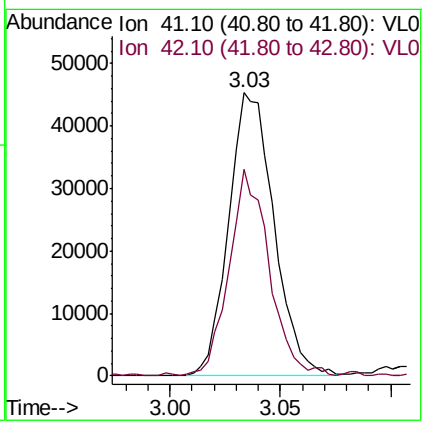


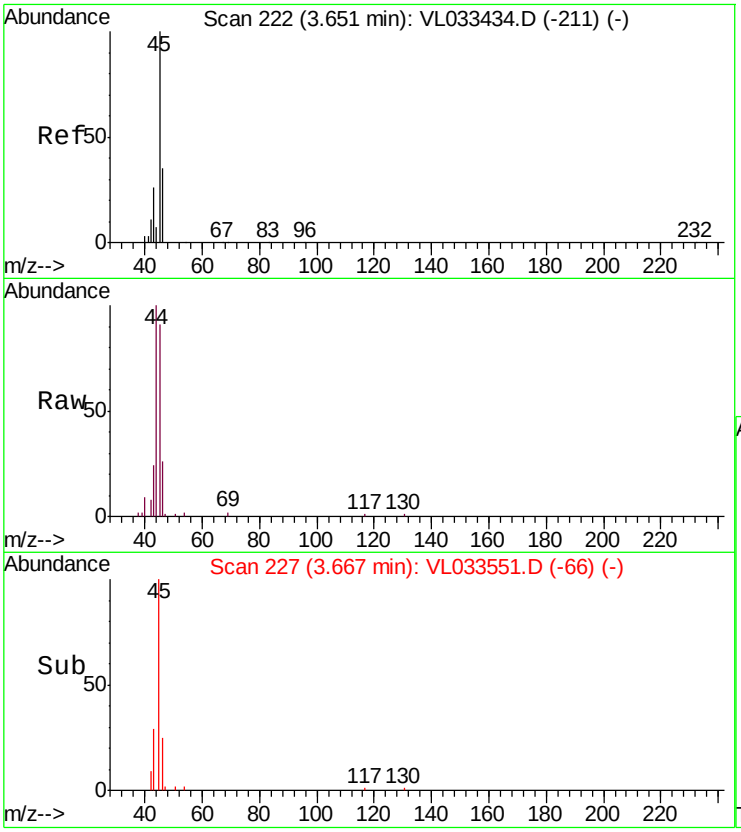


#9
Propene
Concen: 1.099 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 41 Resp: 64734

Ion	Ratio	Lower	Upper
41	100		
42	65.5	53.9	80.9



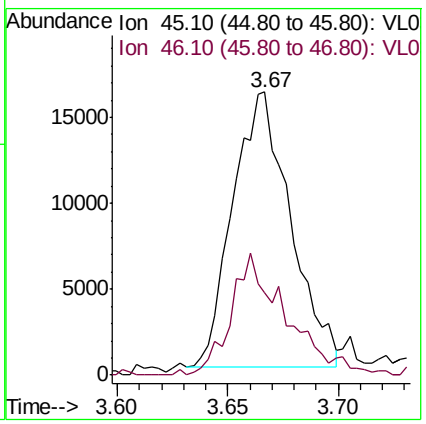


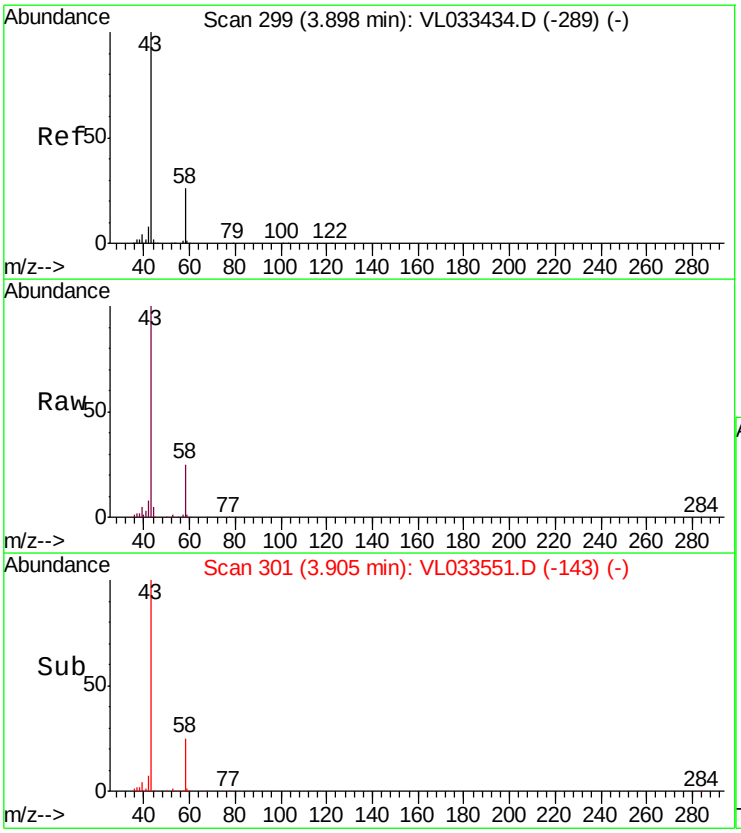
#13
Ethanol
Concen: 1.914 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 45 Resp: 29175

Ion	Ratio	Lower	Upper
45	100		
46	42.7	25.4	101.8

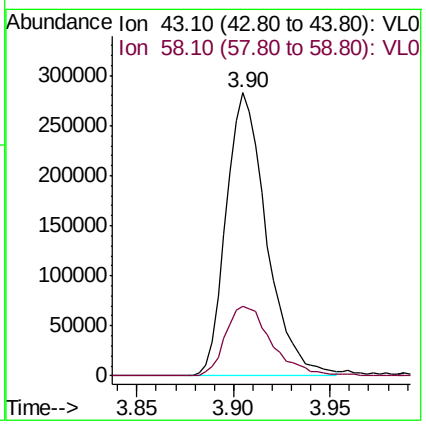


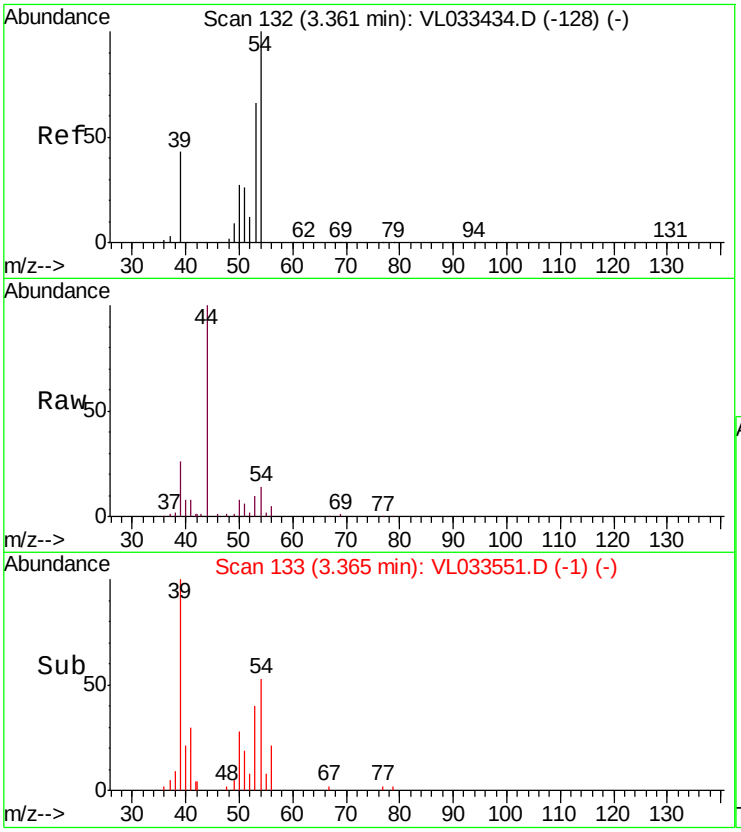


#15
Acetone
Concen: 2.808 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 43 Resp: 411475

Ion	Ratio	Lower	Upper
43	100		
58	28.2	20.5	30.7



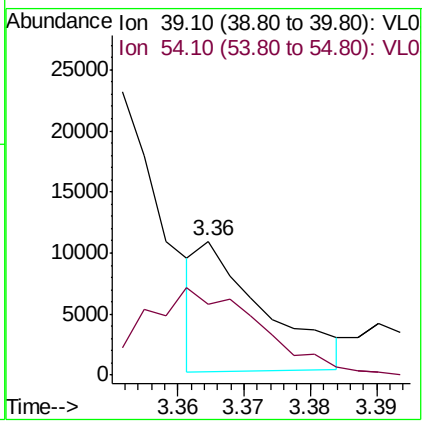


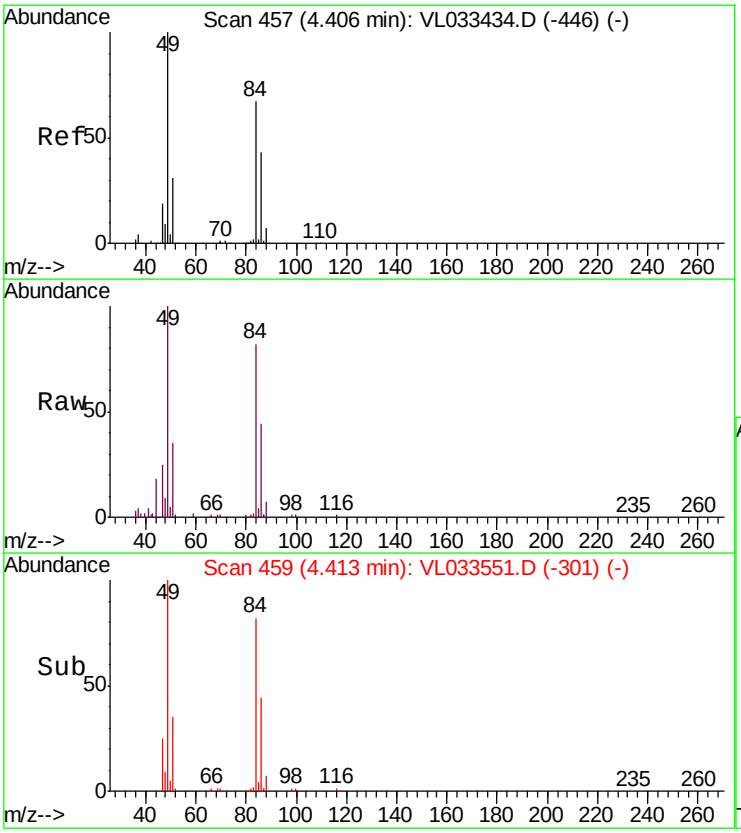
#16
1,3-Butadiene
Concen: 0.126 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 39 Resp: 7330

Ion	Ratio	Lower	Upper
39	100		
54	146.2	69.4	104.2#

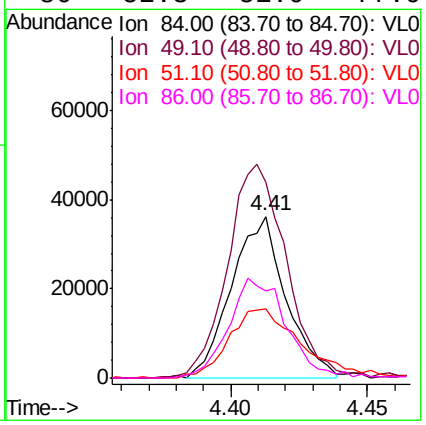


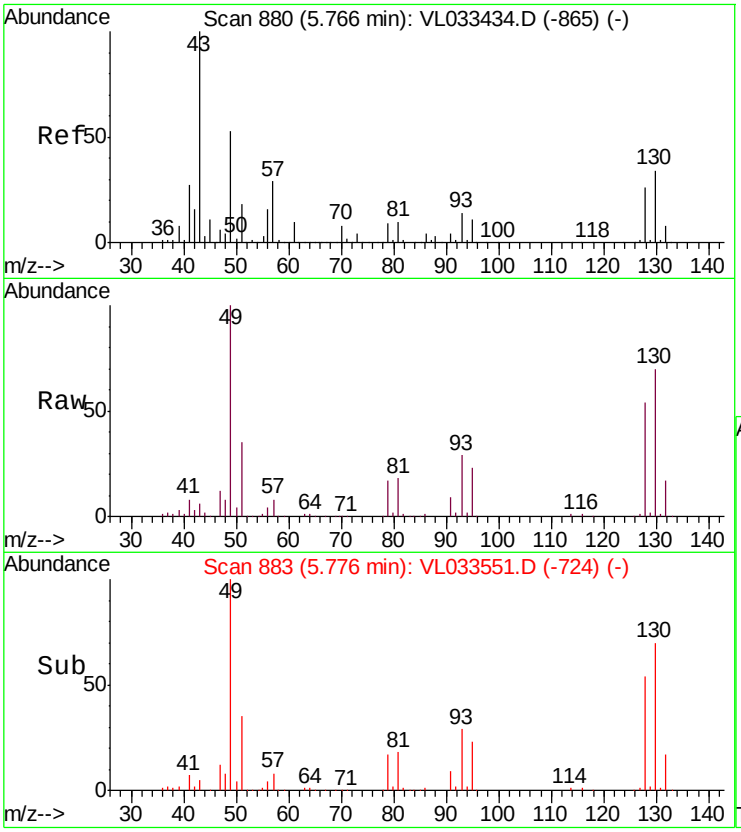


#20
Methylene Chloride
Concen: 0.809 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 84 Resp: 50305

Ion	Ratio	Lower	Upper
84	100		
49	118.3	120.0	180.0#
51	42.5	36.7	55.1
86	52.3	51.9	77.9



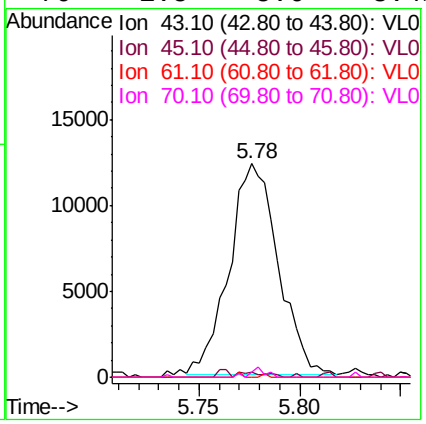


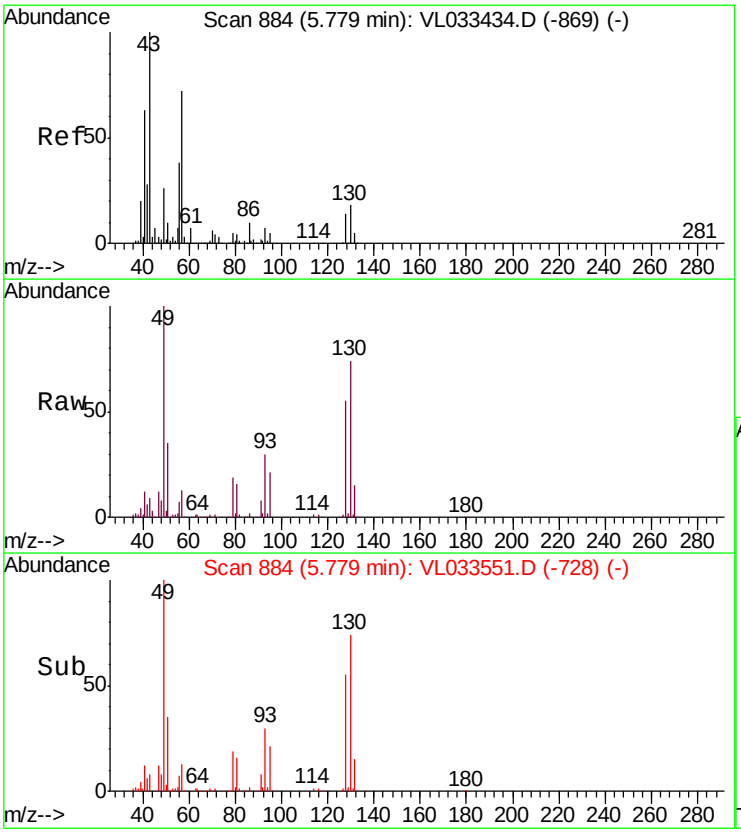
#25
Ethyl Acetate
Concen: 0.077 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument : MSVOA_L
ClientSampleId : SV5DL

Tgt Ion: 43 Resp: 20968

Ion	Ratio	Lower	Upper
43	100		
45	2.3	7.8	11.6#
61	0.4	7.3	10.9#
70	1.5	5.6	8.4#

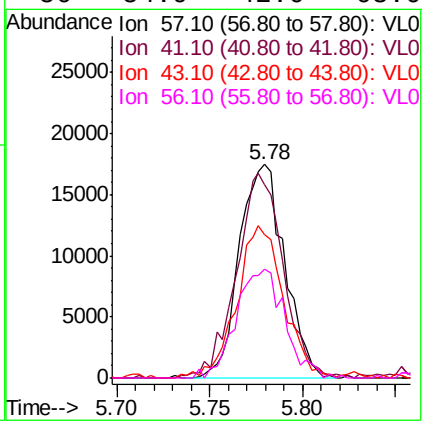


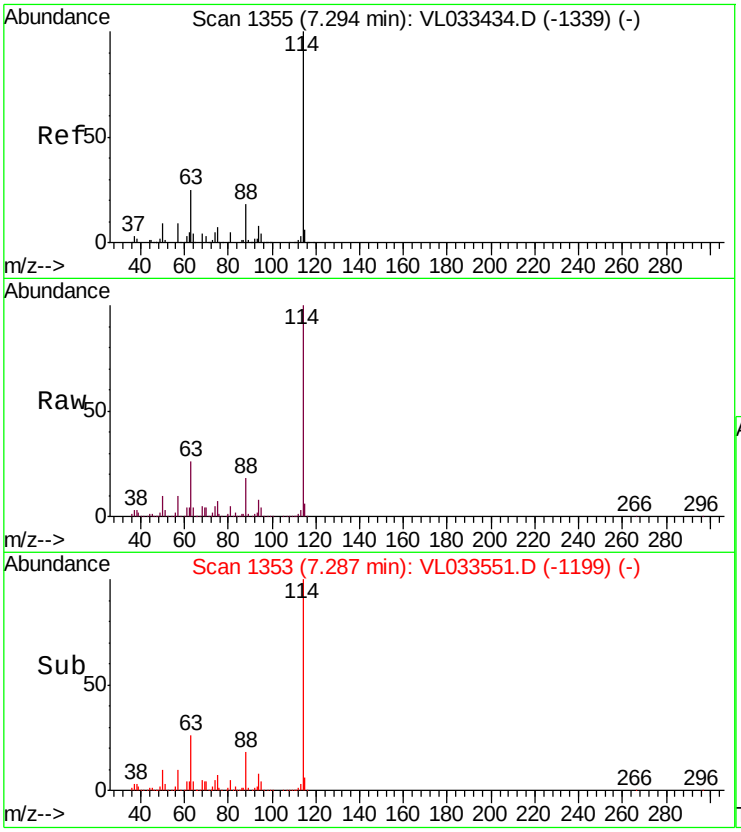


#26
Hexane
Concen: 0.246 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 57 Resp: 29712

Ion	Ratio	Lower	Upper
57	100		
41	99.3	70.7	106.1
43	75.1	182.6	274.0#
56	54.9	42.0	63.0



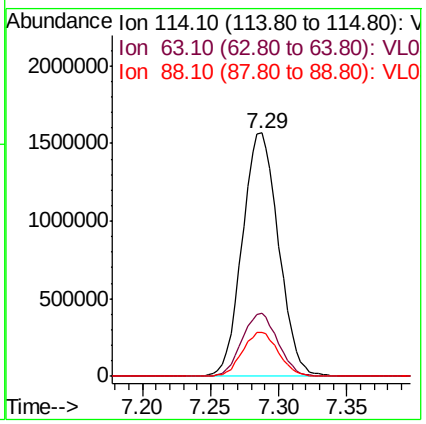


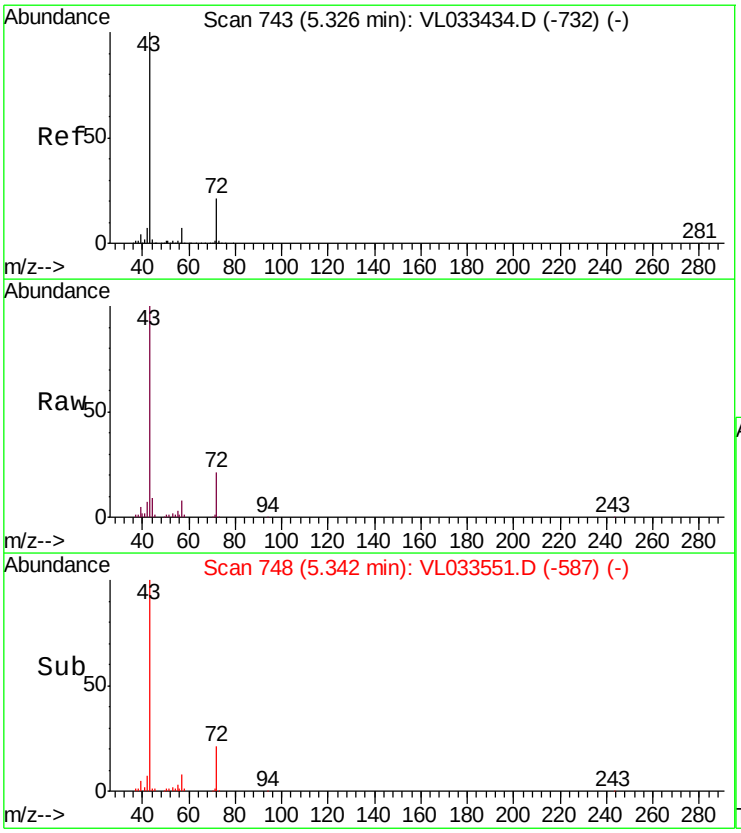
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion:114 Resp: 2892282

Ion	Ratio	Lower	Upper
114	100		
63	25.9	21.5	32.3
88	18.0	14.5	21.7

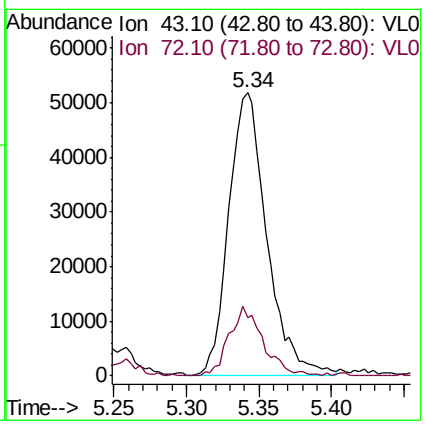


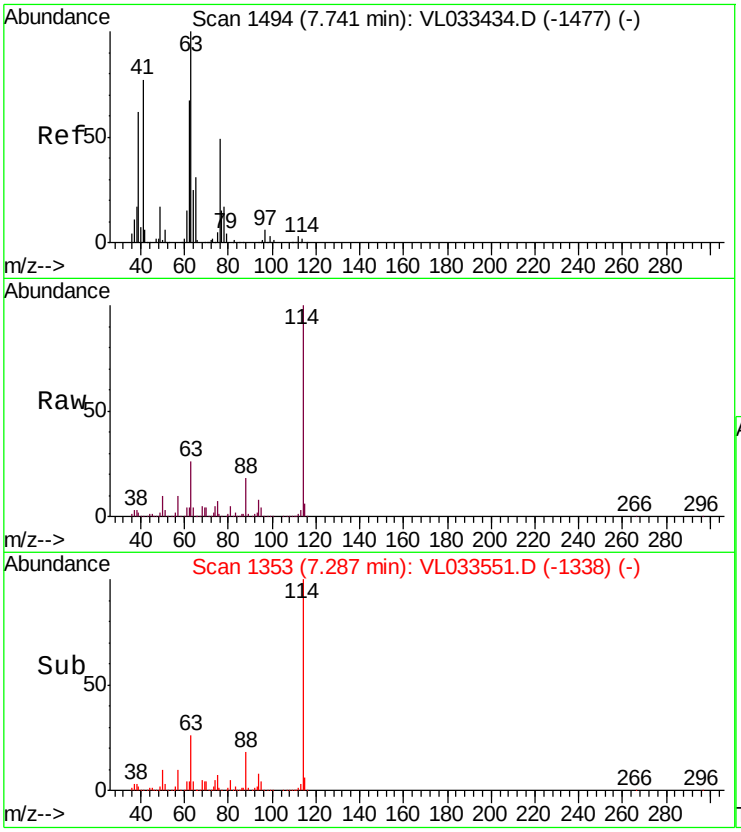


#34
2-Butanone
Concen: 0.545 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.02 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 43 Resp: 94743

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.4	26.2



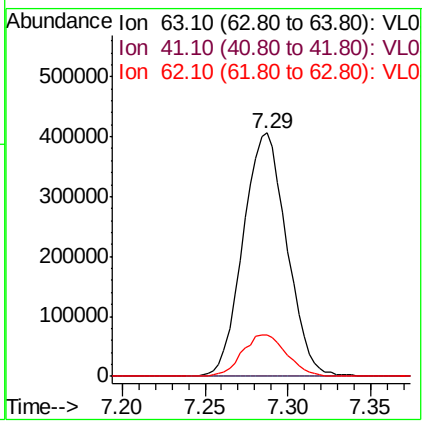


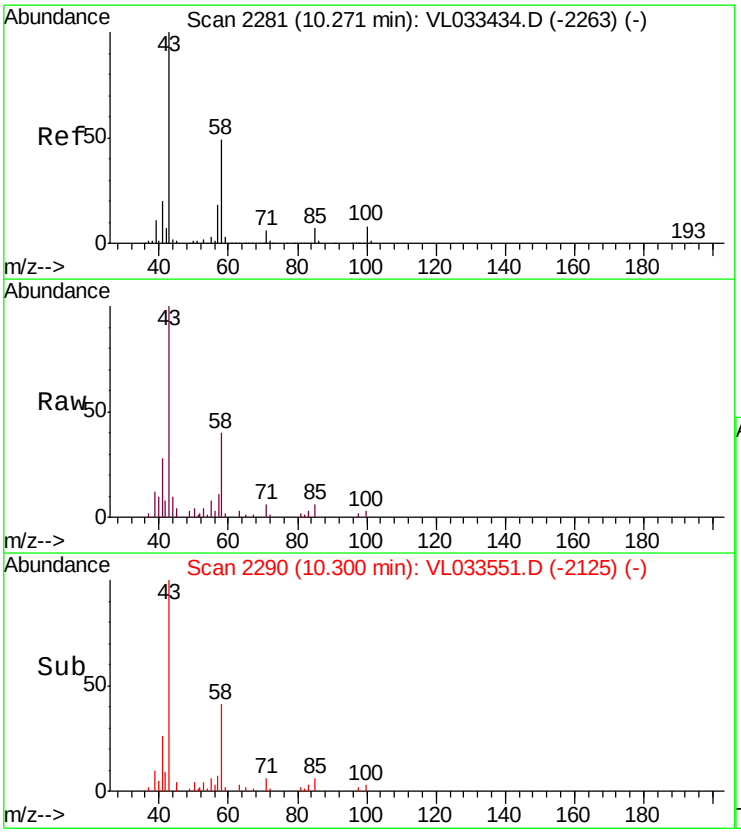
#39
1,2-Dichloropropane
Concen: 7.807 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument : MSVOA_L
ClientSampleId : SV5DL

Tgt Ion: 63 Resp: 742179

Ion	Ratio	Lower	Upper
63	100		
41	0.2	61.2	91.8#
62	17.3	54.0	81.0#

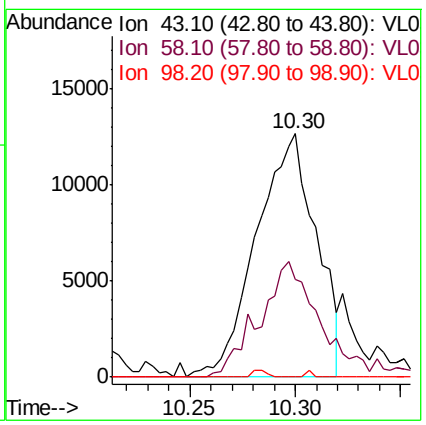


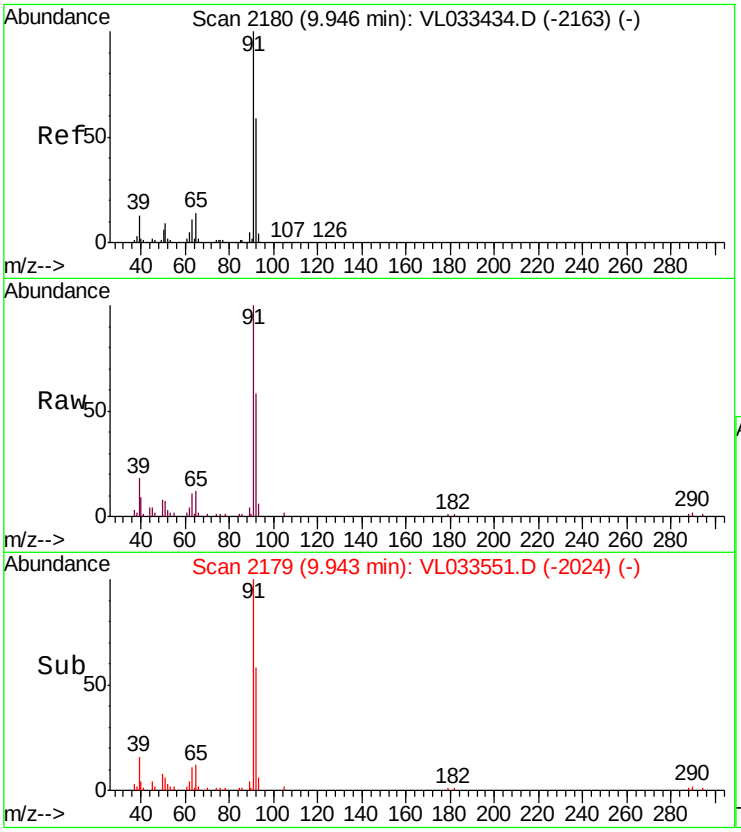


#51
2-Hexanone
Concen: 0.131 ppbv
RT: 10.30 min Scan# 2290
Delta R.T. 0.03 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion: 43 Resp: 24911

Ion	Ratio	Lower	Upper
43	100		
58	50.4	38.2	57.2
98	0.7	0.2	0.2#



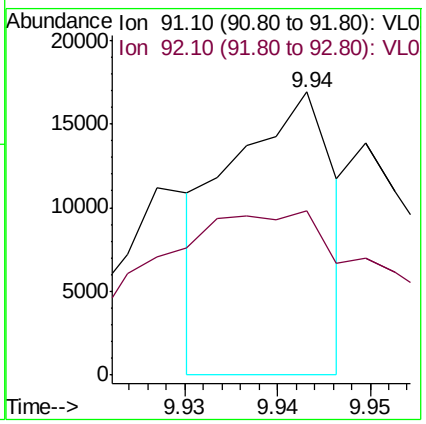


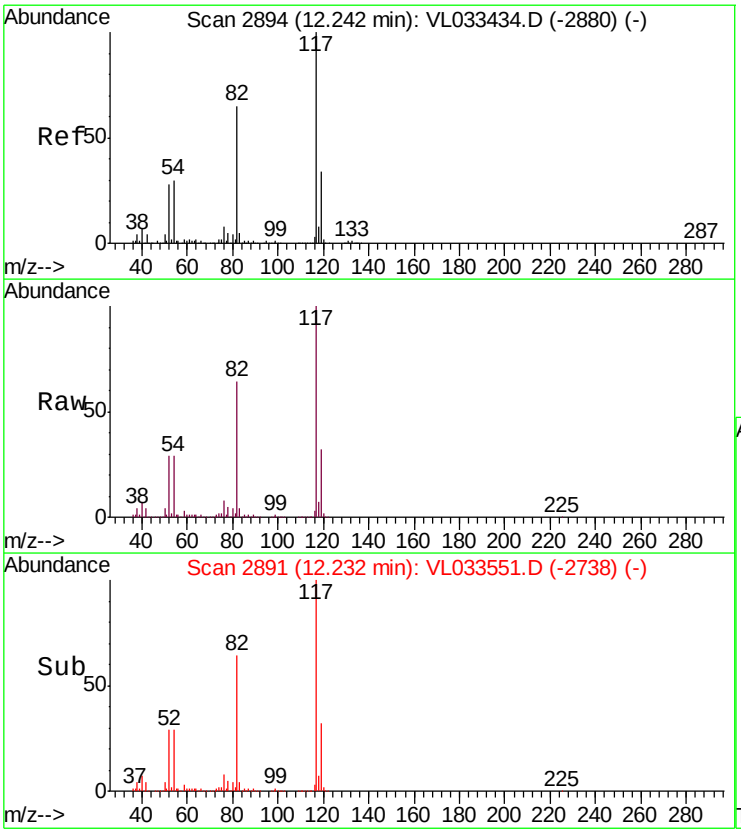
#53
Toluene
Concen: 0.047 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 91 Resp: 13191

Ion	Ratio	Lower	Upper
91	100		
92	153.4	47.4	71.0#

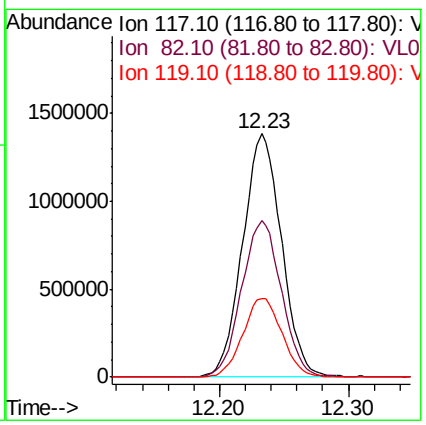


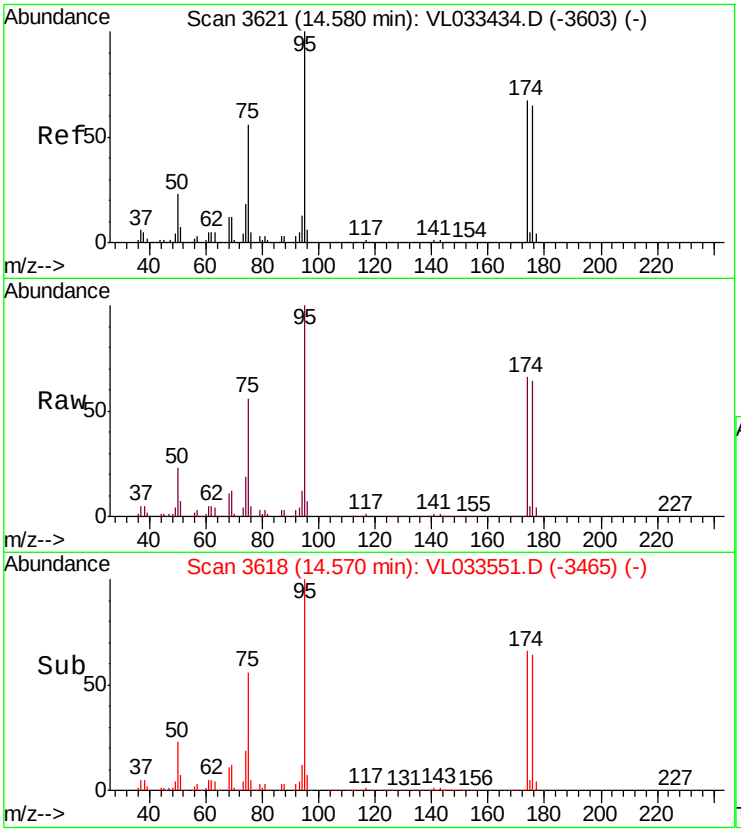


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Tgt Ion:117 Resp: 2910564

Ion	Ratio	Lower	Upper
117	100		
82	65.9	51.5	77.3
119	32.8	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.158 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033551.D
Acq: 5 Apr 2019 2:50

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 95 Resp: 2317799

Ion	Ratio	Lower	Upper
95	100		
174	67.6	52.9	79.3
175	4.9	3.8	5.6