Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031226.D
Acq On : 14 Dec 2017 11:11
Operator : SY/AP
Sample : I6769-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:14:31 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1738605	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.45	114	4239342	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	4302030	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	3252910	10.63	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.12	51	10230	0.052	ppbv	#	91
4) Chloromethane	3.28	50	3815	0.036	ppbv	#	64
9) Propene	3.51	41	8912	0.092	ppbv		87
13) Ethanol	3.79	45	30474	1.089	ppbv		90
15) Acetone	4.04	43	457786	1.995	ppbv		98
19) Isopropyl Alcohol	4.18	45	27143	0.187	ppbv	#	41
20) Methylene Chloride	4.54	84	46903	0.618	ppbv		98
25) Ethyl Acetate	5.93	43	62598	0.134	ppbv	#	84
26) Hexane	5.93	57	81498	0.367	ppbv	#	47
34) 2-Butanone	5.50	43	11606	0.039	ppbv	#	53
39) 1,2-Dichloropropane	7.45	63	1015262	6.391	ppbv	#	27
53) Toluene	10.12	91	64829	0.133	ppbv		99
58) Ethyl Benzene	13.03	91	396076	0.558	ppbv		100
59) m/p-Xylene	13.29	91	1707830	3.004	ppbv		99
60) o-Xylene	14.02	91	435955	0.761	ppbv		99
74) 1,2,4-Trimethylbenzene	17.09	105	33825	0.058	ppbv	#	73

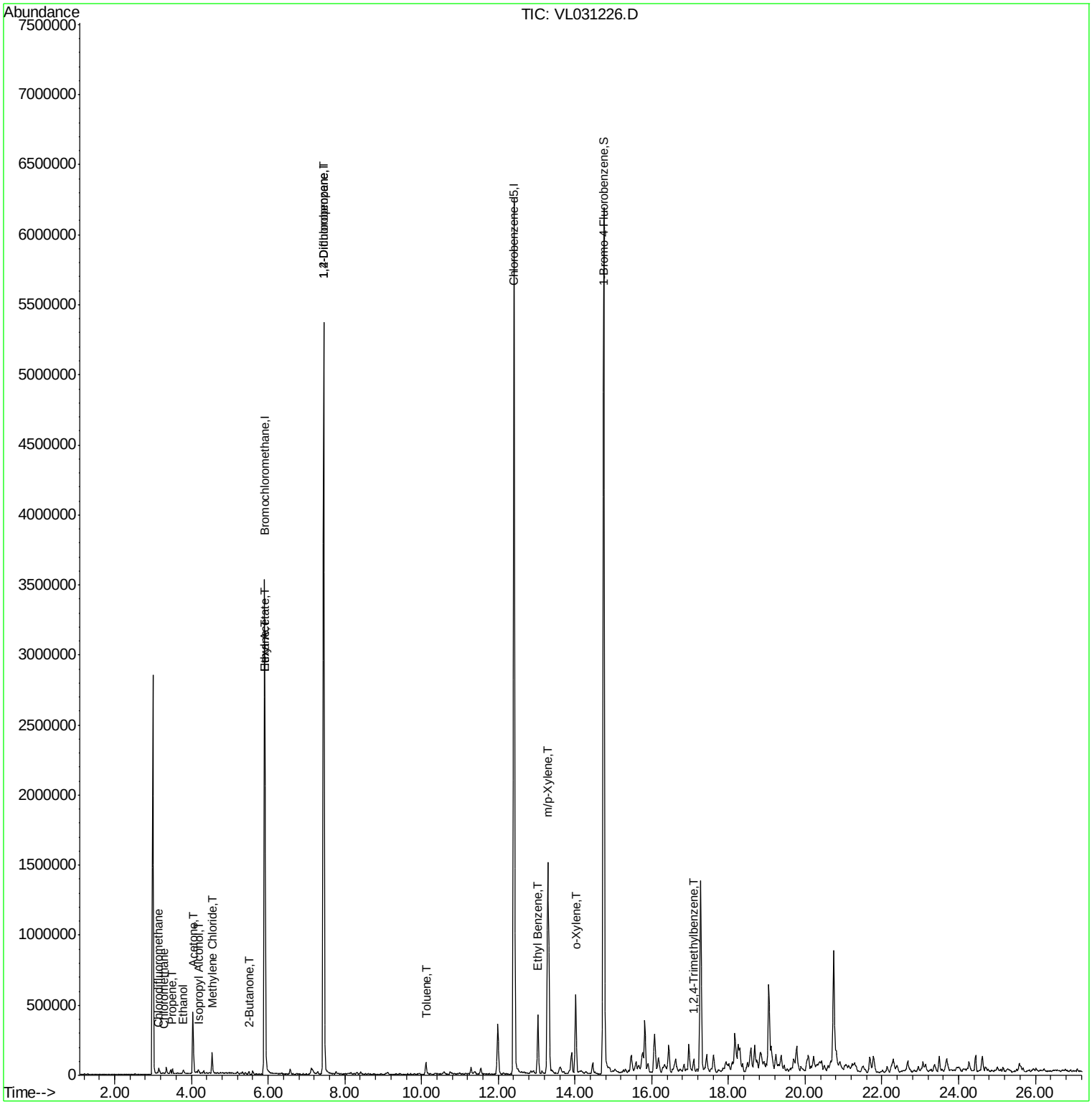
(#) = qualifier out of range (m) = manual integration (+) = signals summed

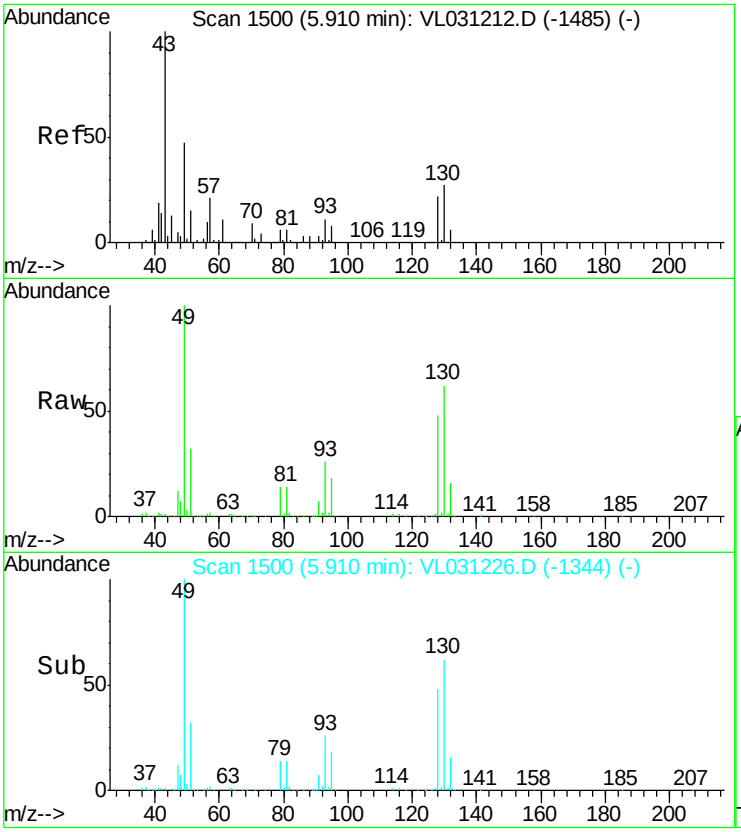
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031226.D
Acq On : 14 Dec 2017 11:11
Operator : SY/AP
Sample : I6769-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:14:31 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration



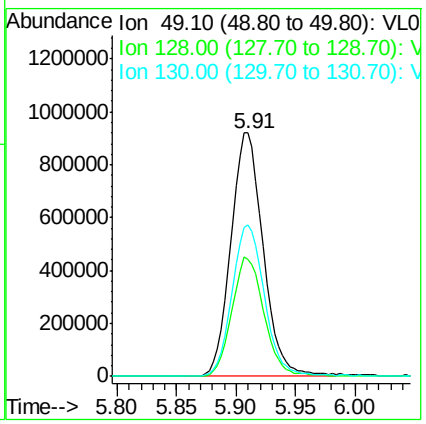


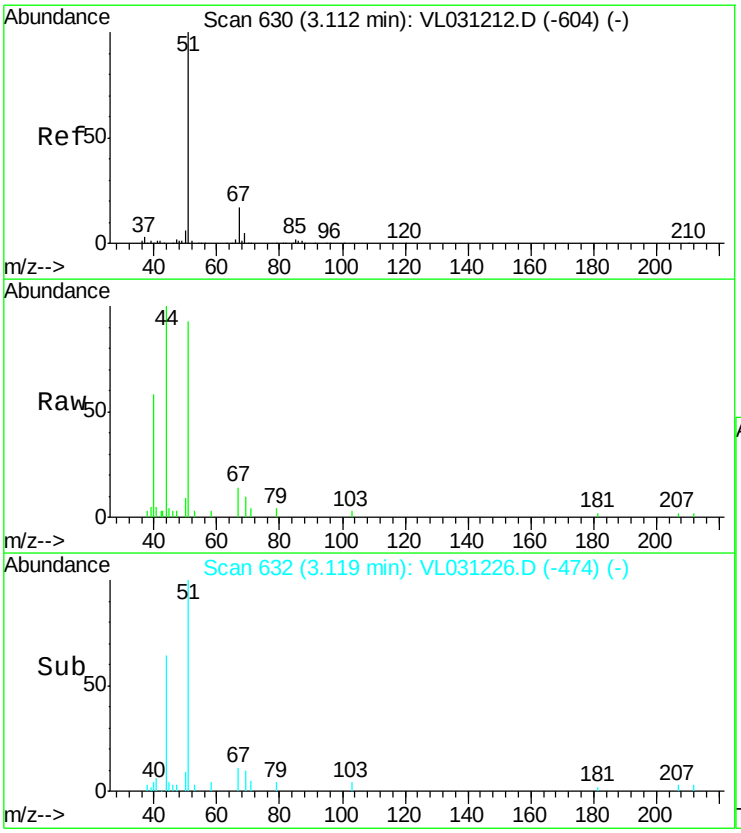
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1738605

Ion	Ratio	Lower	Upper
49	100		
128	49.0	23.2	69.5
130	63.4	29.6	88.8

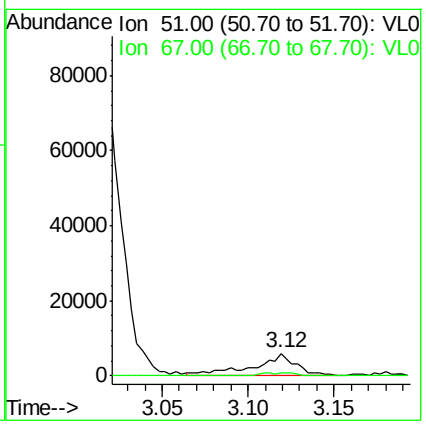


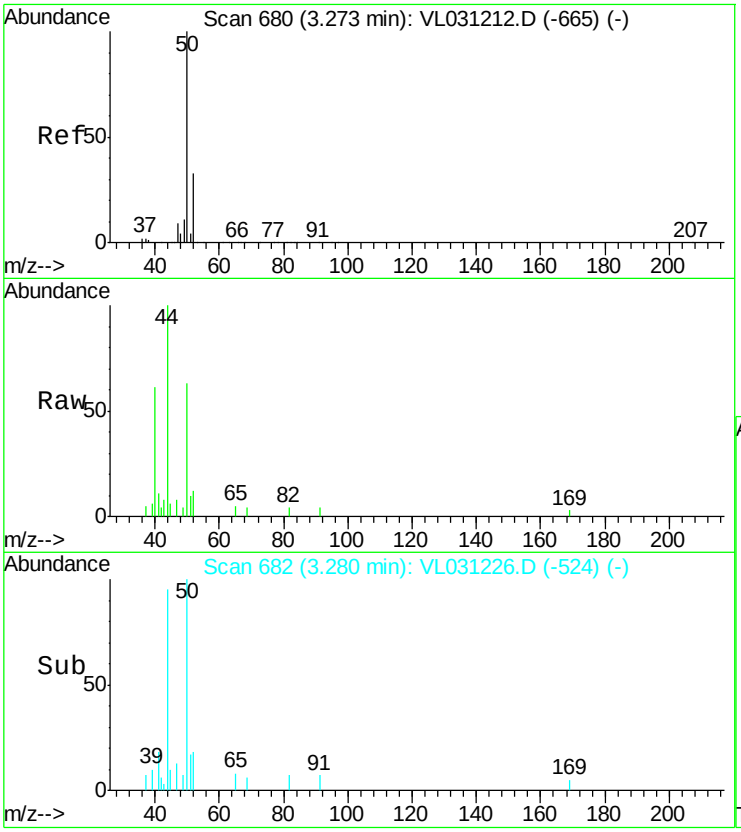


#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 3.12 min Scan# 632
Delta R.T. 0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 51 Resp: 10230

Ion	Ratio	Lower	Upper
51	100		
67	13.1	13.8	20.6#



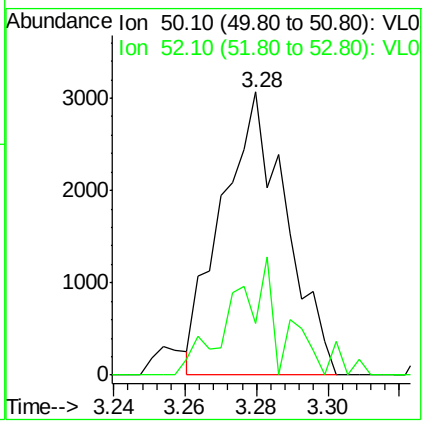


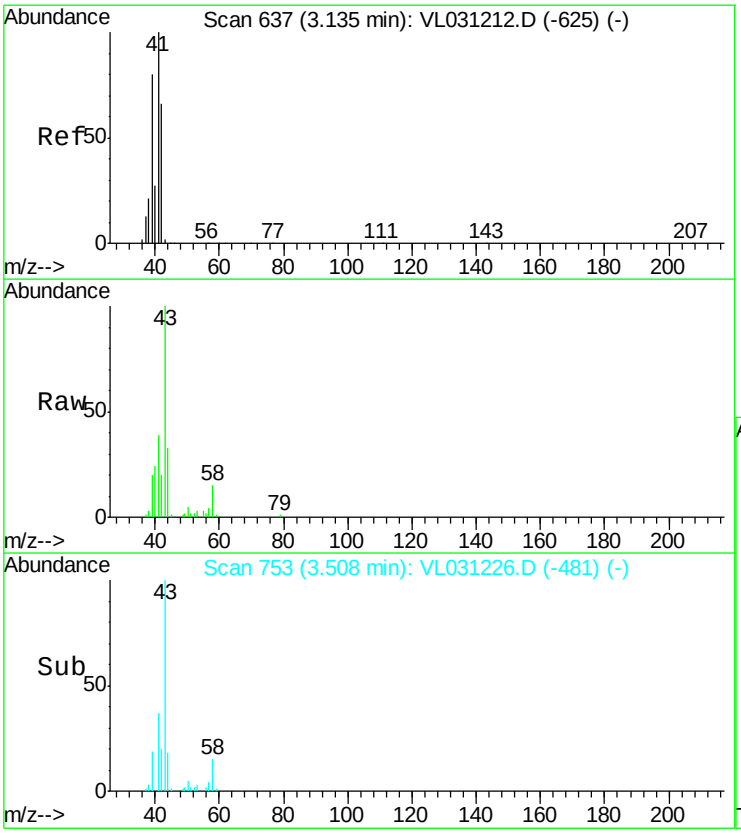
#4
Chloromethane
Concen: 0.036 ppbv
RT: 3.28 min Scan# 682
Delta R.T. 0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 3815

Ion	Ratio	Lower	Upper
50	100		
52	13.0	26.5	39.7#

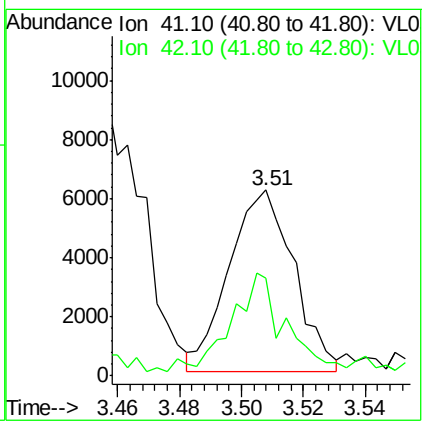


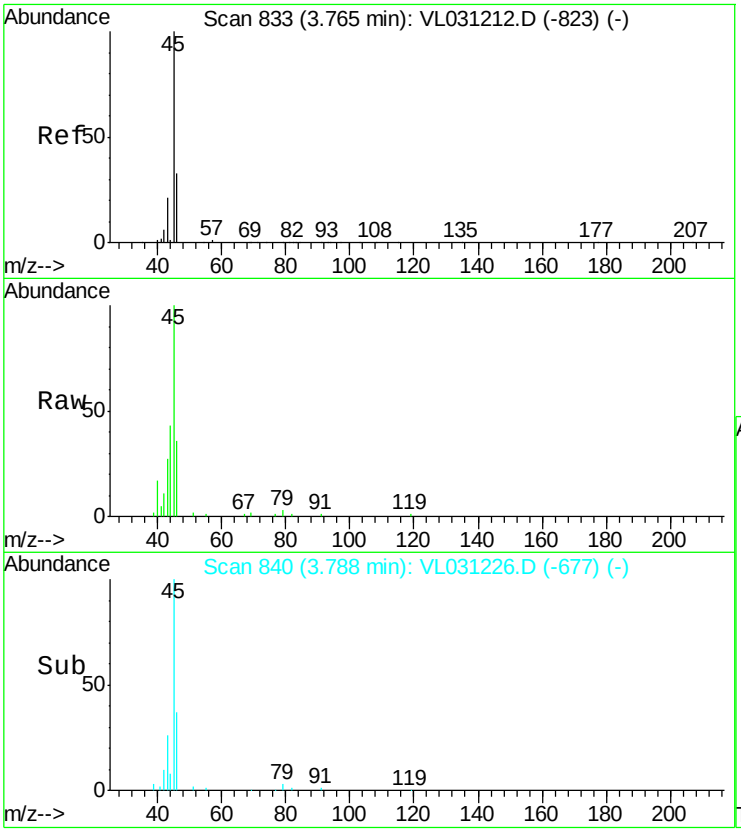


#9
Propene
Concen: 0.092 ppbv
RT: 3.51 min Scan# 753
Delta R.T. 0.37 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 41 Resp: 8912

Ion	Ratio	Lower	Upper
41	100		
42	57.3	54.3	81.5



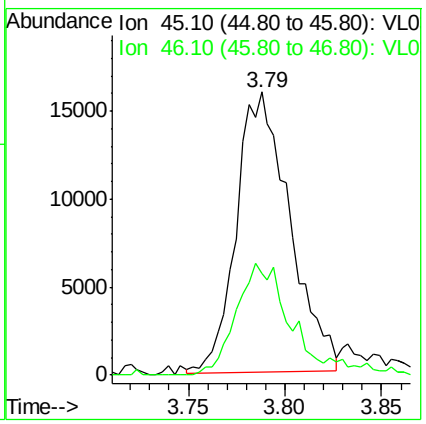


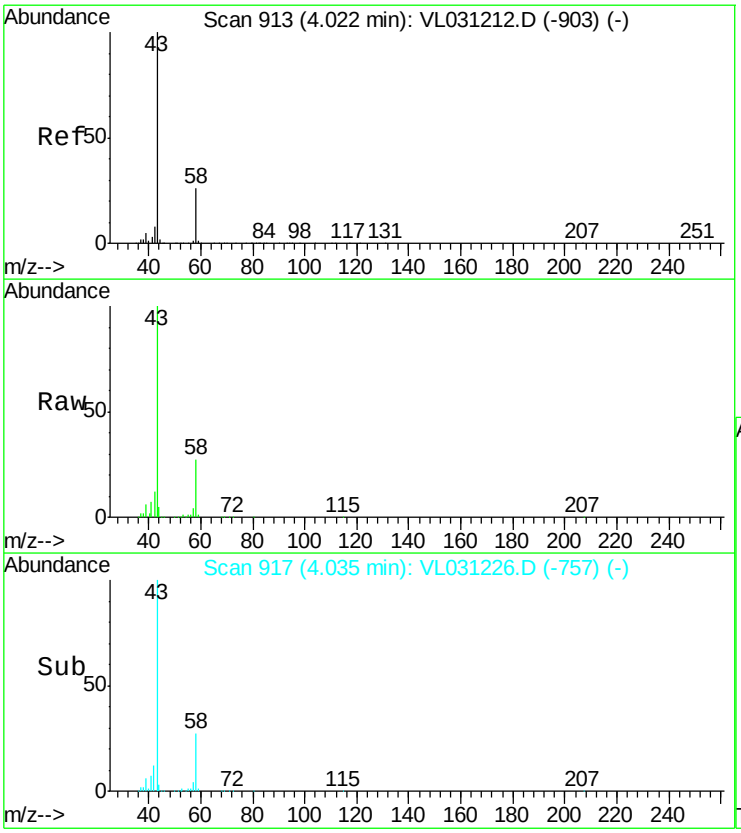
#13
Ethanol
Concen: 1.089 ppbv
RT: 3.79 min Scan# 840
Delta R.T. 0.02 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 30474

Ion	Ratio	Lower	Upper
45	100		
46	42.4	14.6	58.4

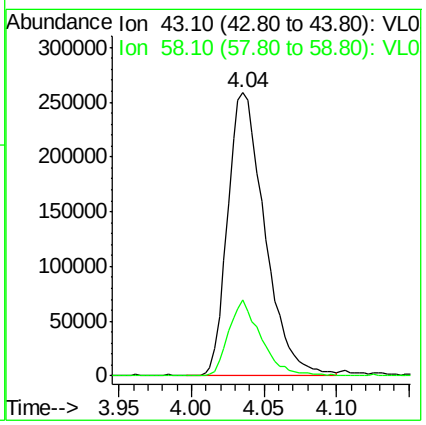


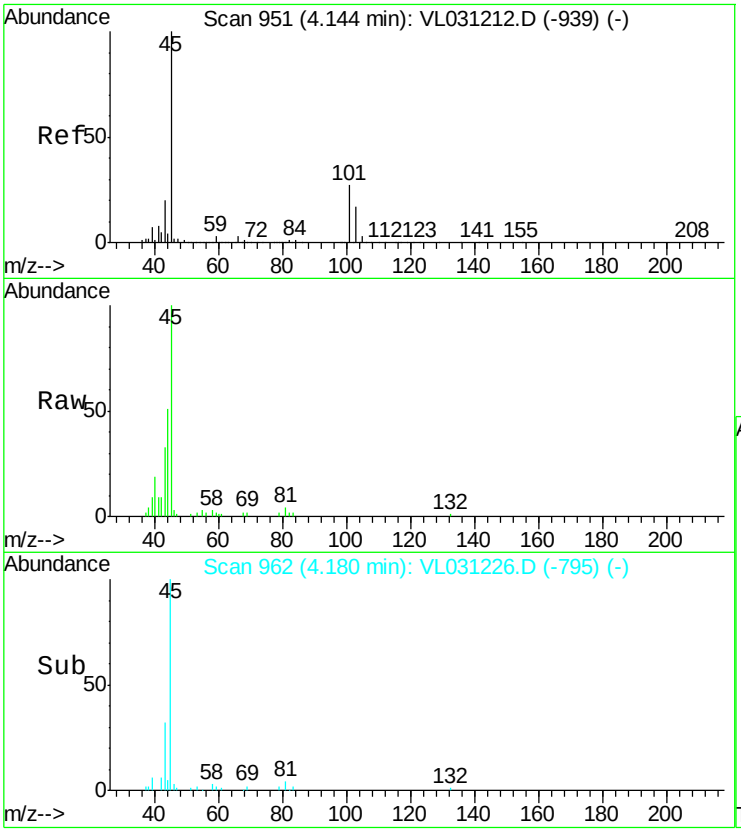


#15
Acetone
Concen: 1.995 ppbv
RT: 4.04 min Scan# 917
Delta R.T. 0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 43 Resp: 457786

Ion	Ratio	Lower	Upper
43	100		
58	24.2	20.3	30.5



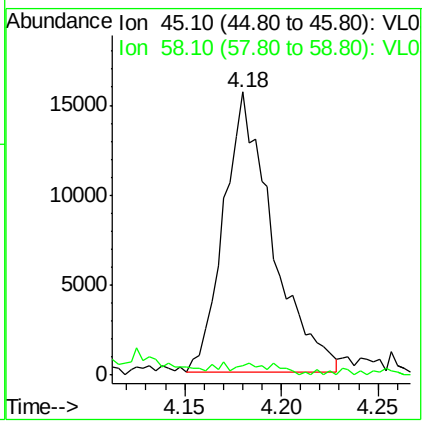


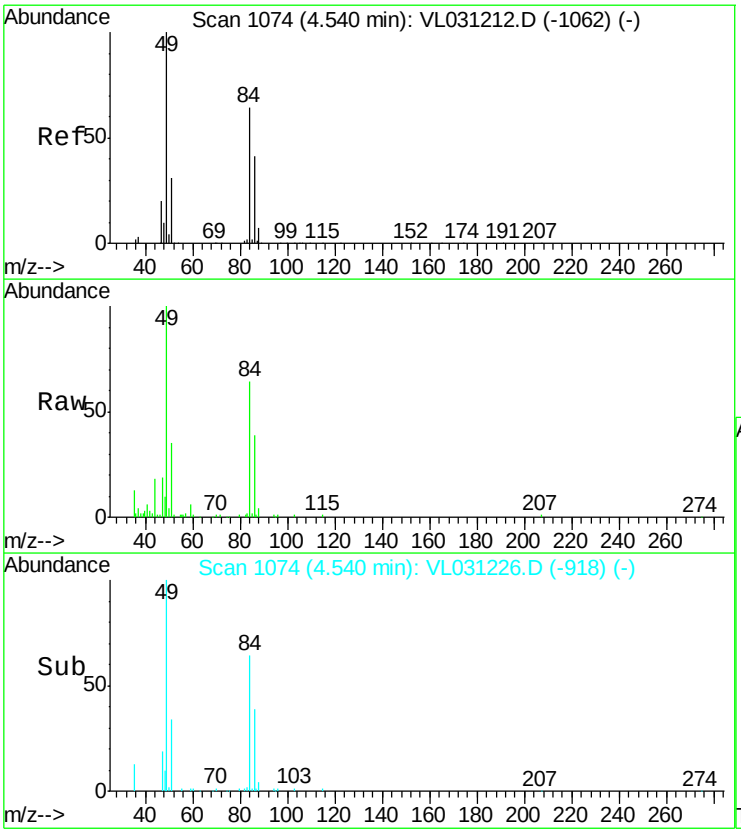
#19
Isopropyl Alcohol
Concen: 0.187 ppbv
RT: 4.18 min Scan# 962
Delta R.T. 0.04 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 27143

Ion	Ratio	Lower	Upper
45	100		
58	0.0	27.2	40.8#

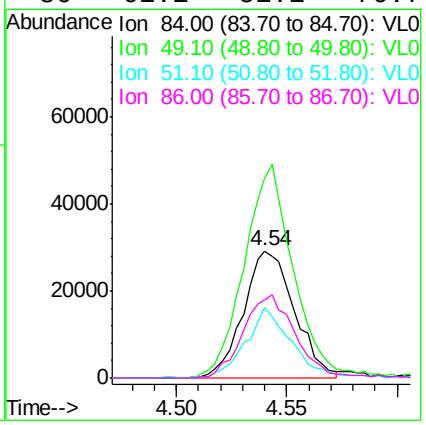


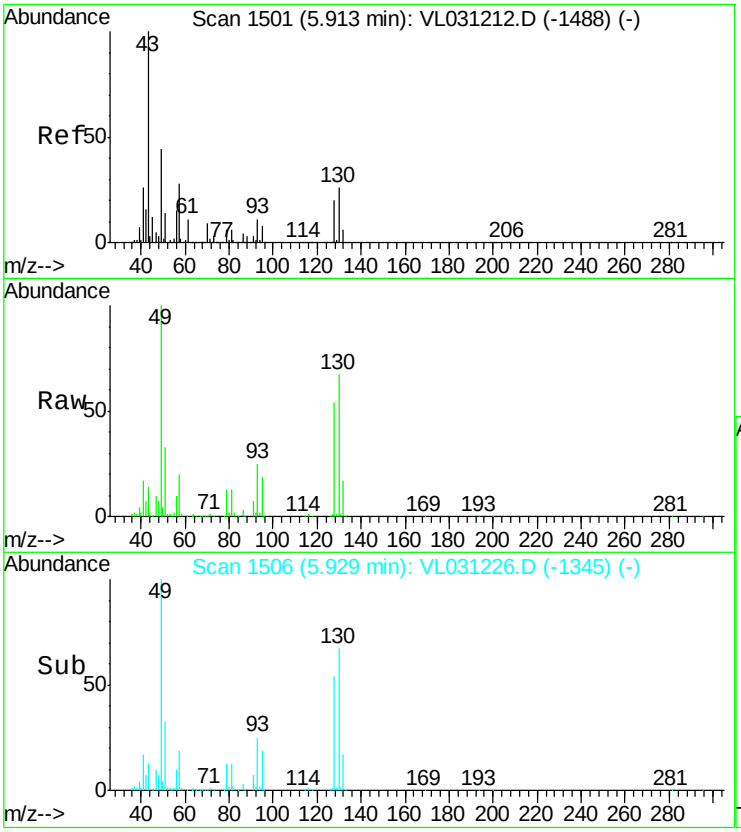


#20
Methylene Chloride
Concen: 0.618 ppbv
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 84 Resp: 46903

Ion	Ratio	Lower	Upper
84	100		
49	157.2	125.8	188.6
51	55.1	39.3	58.9
86	61.1	51.1	76.7



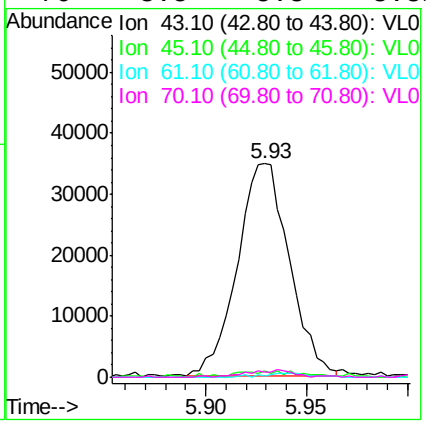


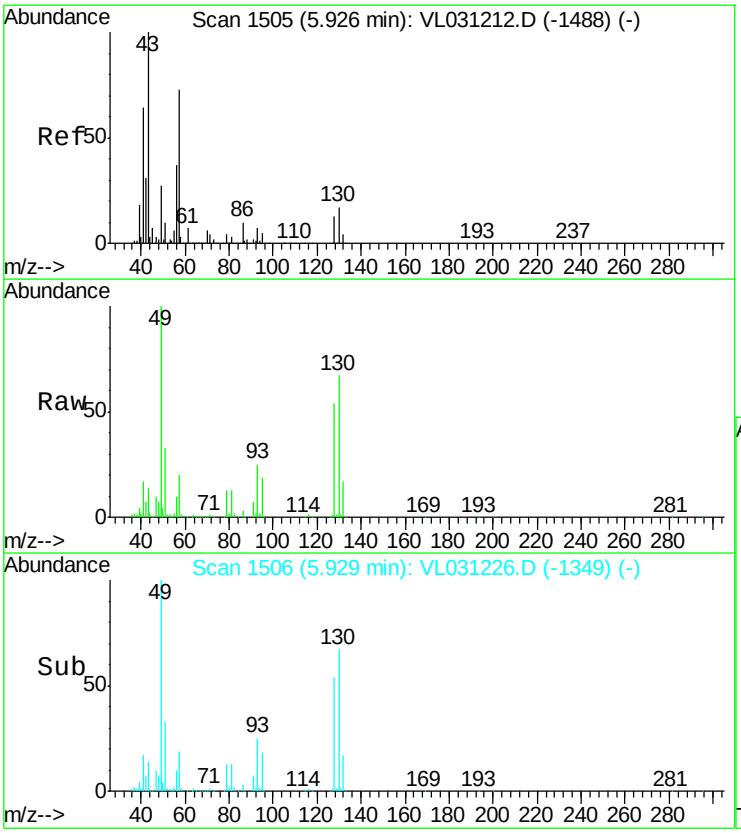
#25
Ethyl Acetate
Concen: 0.134 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.02 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 62598

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.0	12.0#
61	1.8	7.4	11.0#
70	3.5	5.8	8.8#

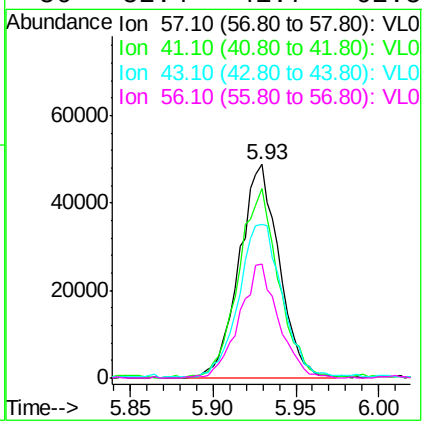


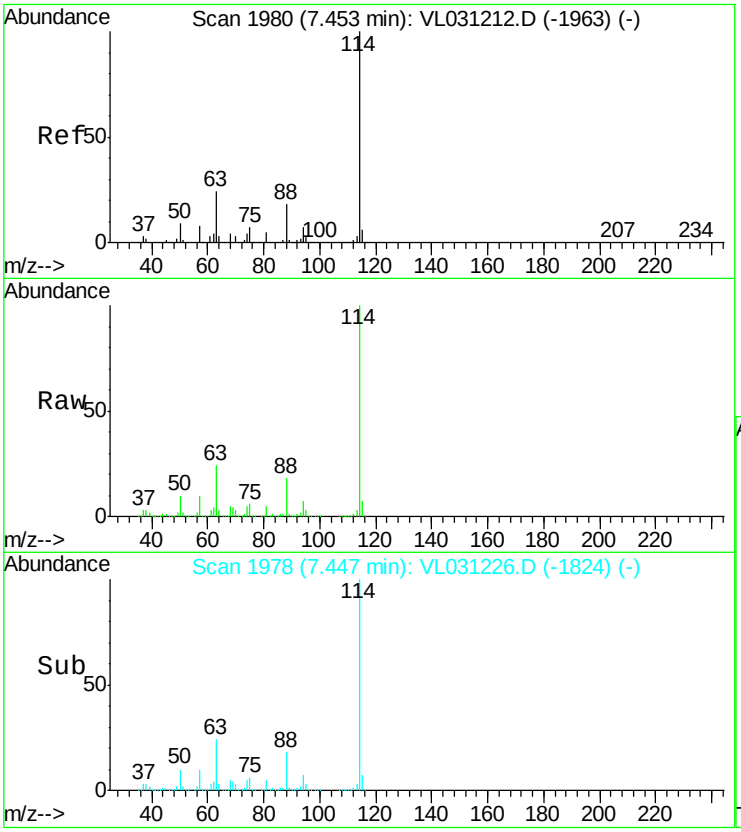


#26
Hexane
Concen: 0.367 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 57 Resp: 81498

Ion	Ratio	Lower	Upper
57	100		
41	90.3	70.3	105.5
43	80.1	173.8	260.8#
56	52.4	41.7	62.5



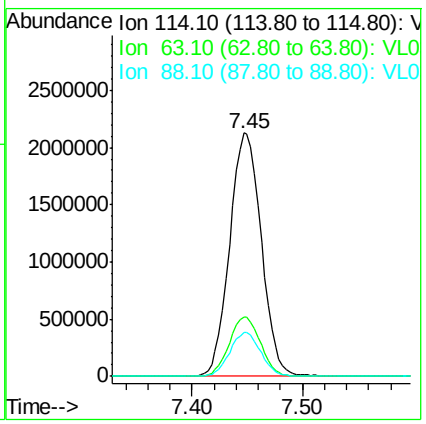


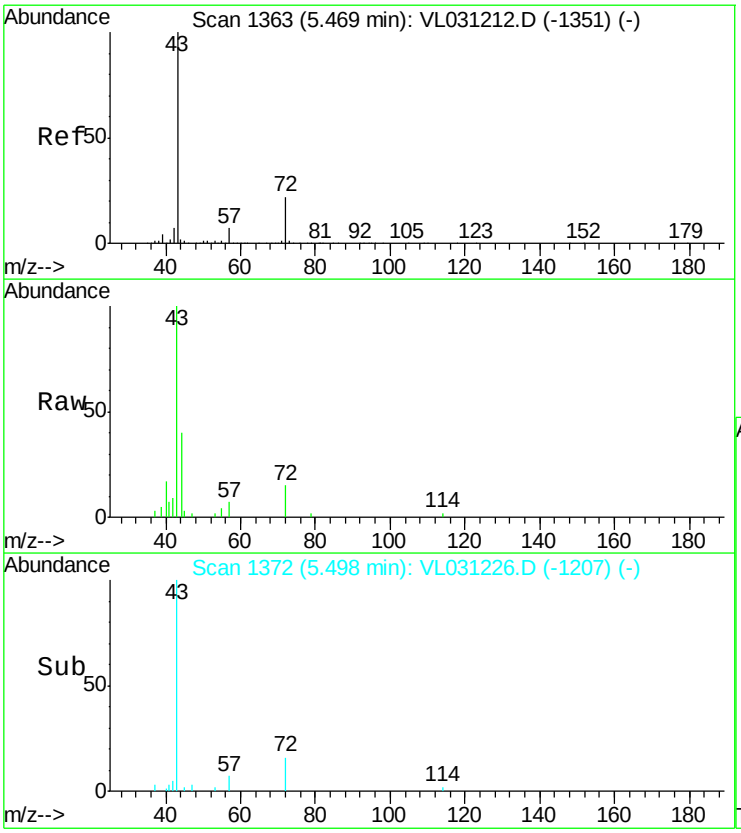
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4239342

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.8	29.8
88	17.7	14.2	21.4

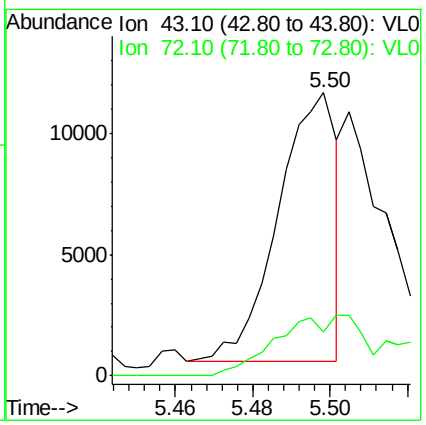


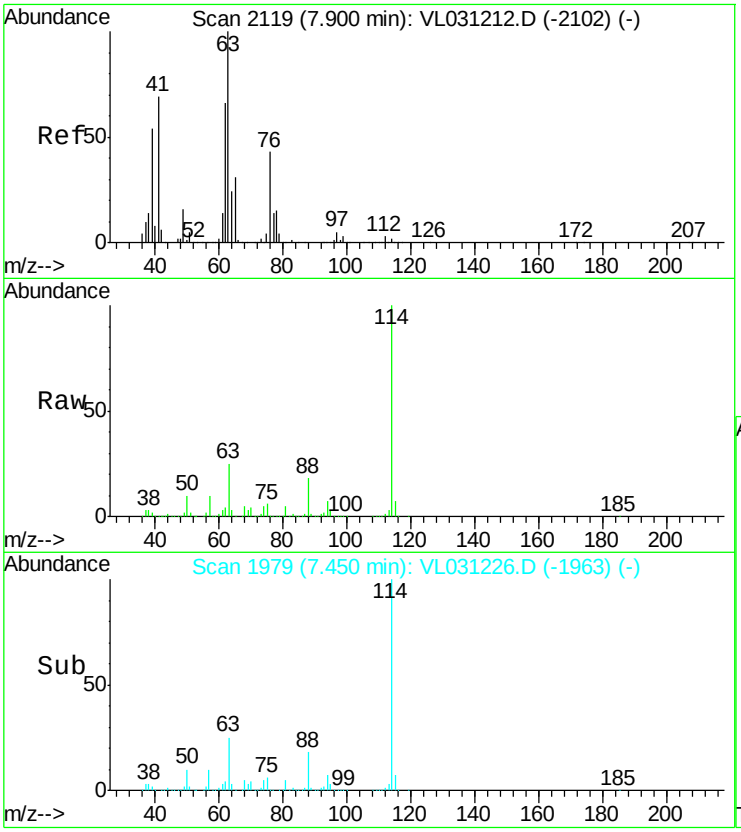


#34
2-Butanone
Concen: 0.039 ppbv
RT: 5.50 min Scan# 1372
Delta R.T. 0.03 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 43 Resp: 11606

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.1	27.1#



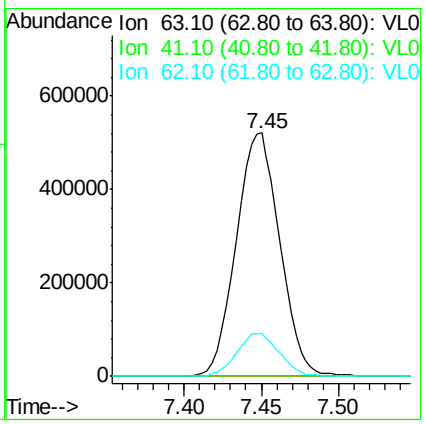


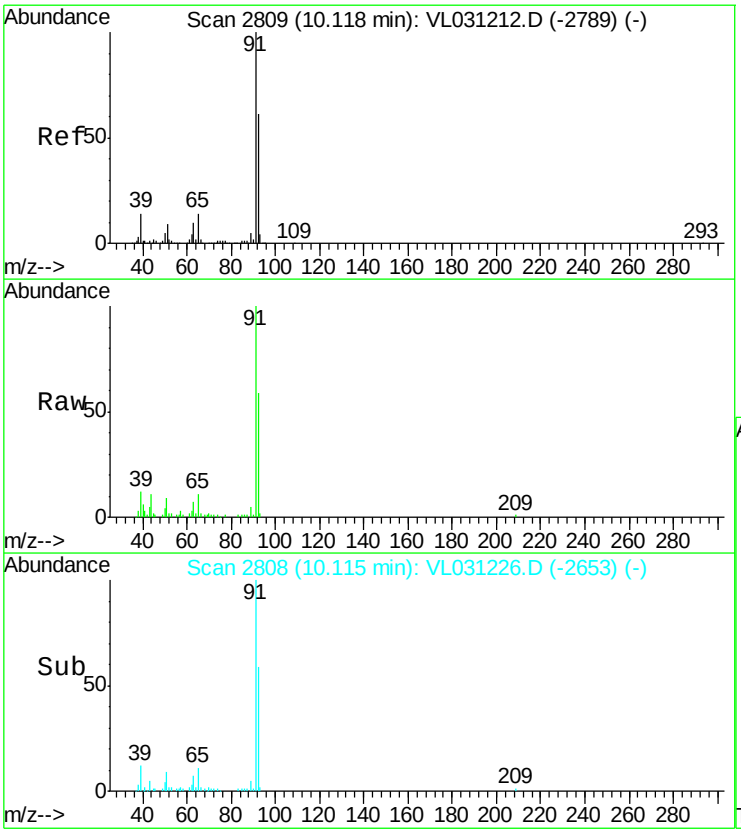
#39
1,2-Dichloropropane
Concen: 6.391 ppbv
RT: 7.45 min Scan# 1979
Delta R.T. -0.45 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1015262

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	17.3	53.0	79.4#

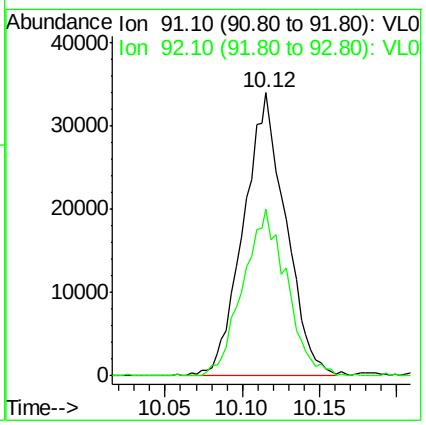


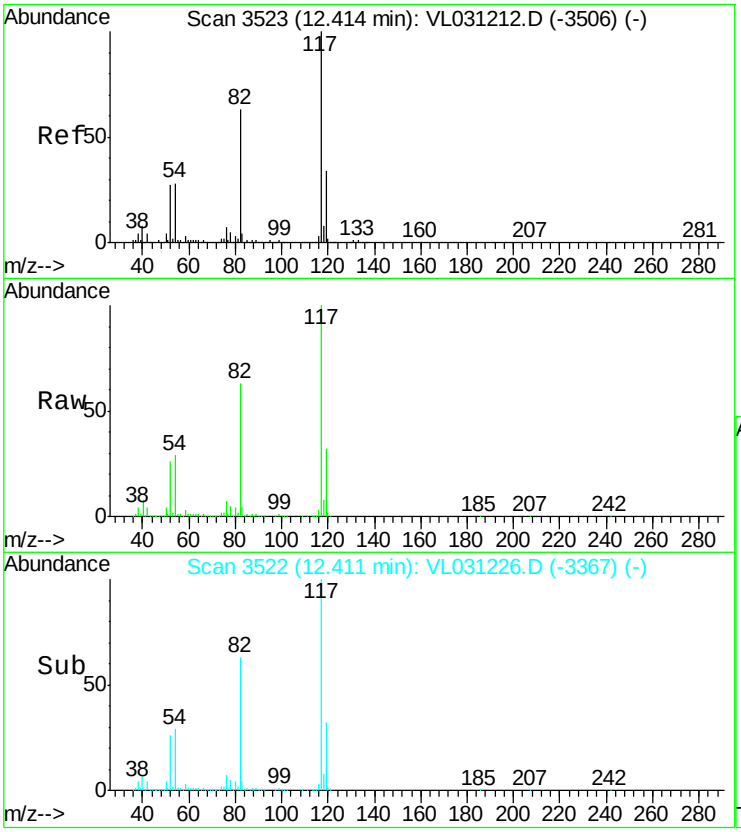


#53
Toluene
Concen: 0.133 ppbv
RT: 10.12 min Scan# 2808
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 91 Resp: 64829

Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.1	73.7



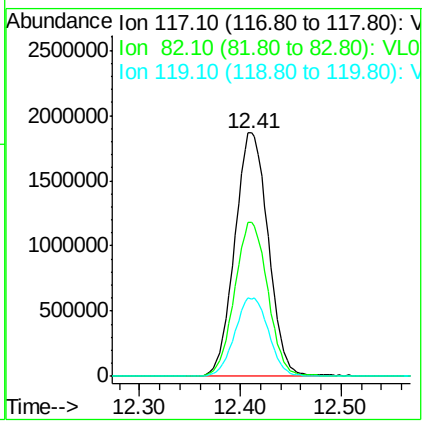


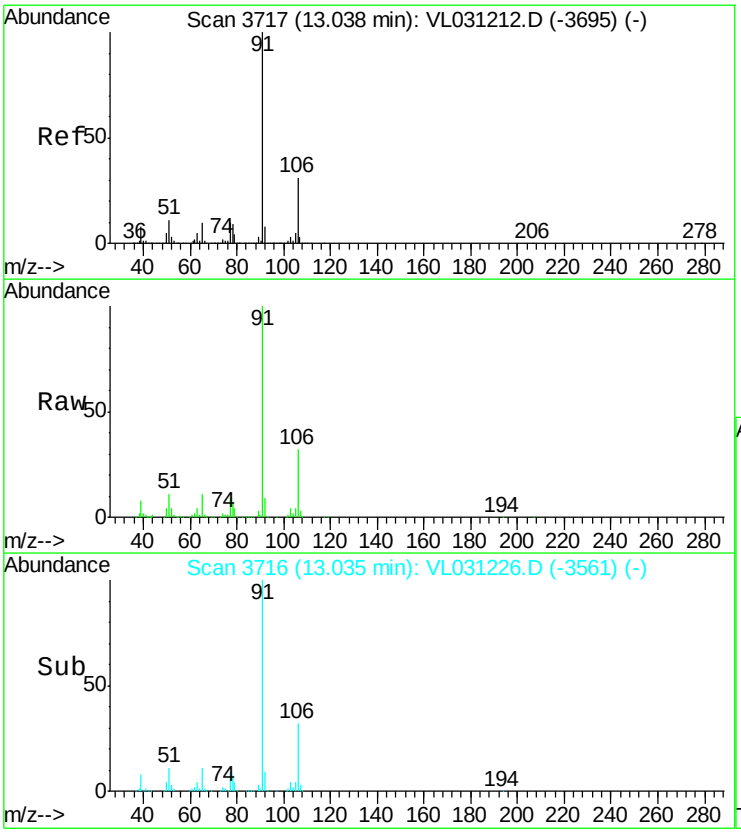
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4302030

Ion	Ratio	Lower	Upper
117	100		
82	63.0	48.1	72.1
119	32.7	23.1	34.7

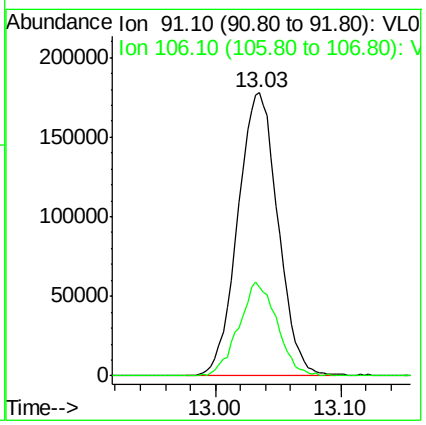


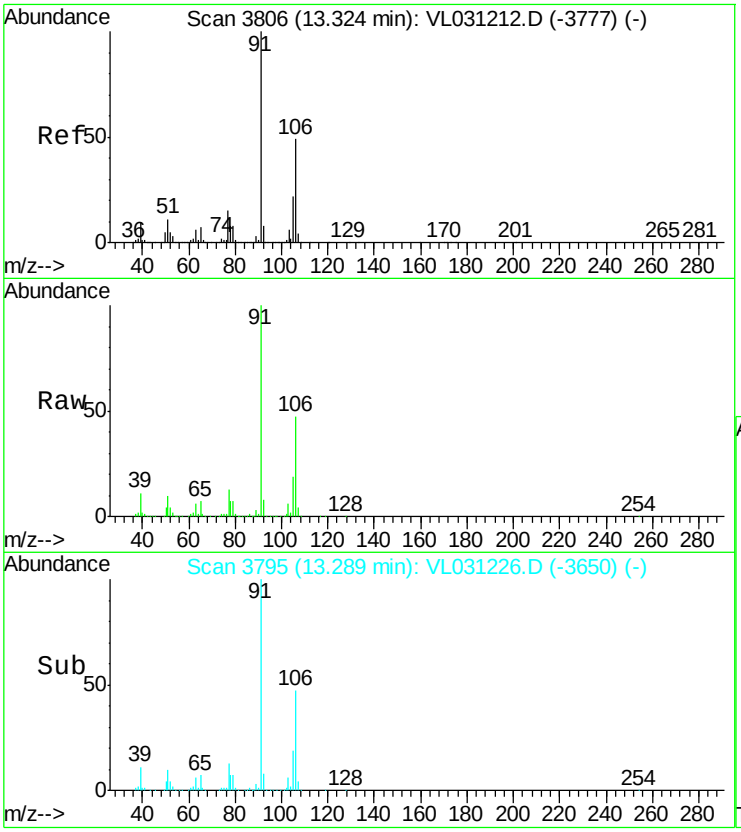


#58
Ethyl Benzene
Concen: 0.558 ppbv
RT: 13.03 min Scan# 3716
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 91 Resp: 396076

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.1	37.7



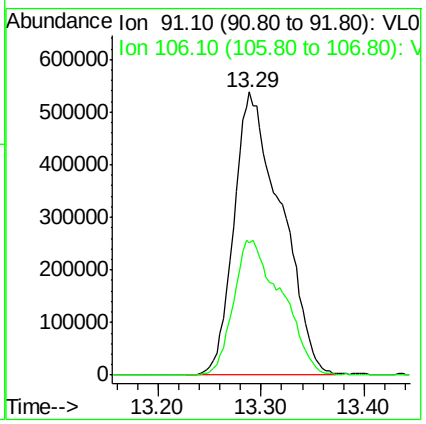


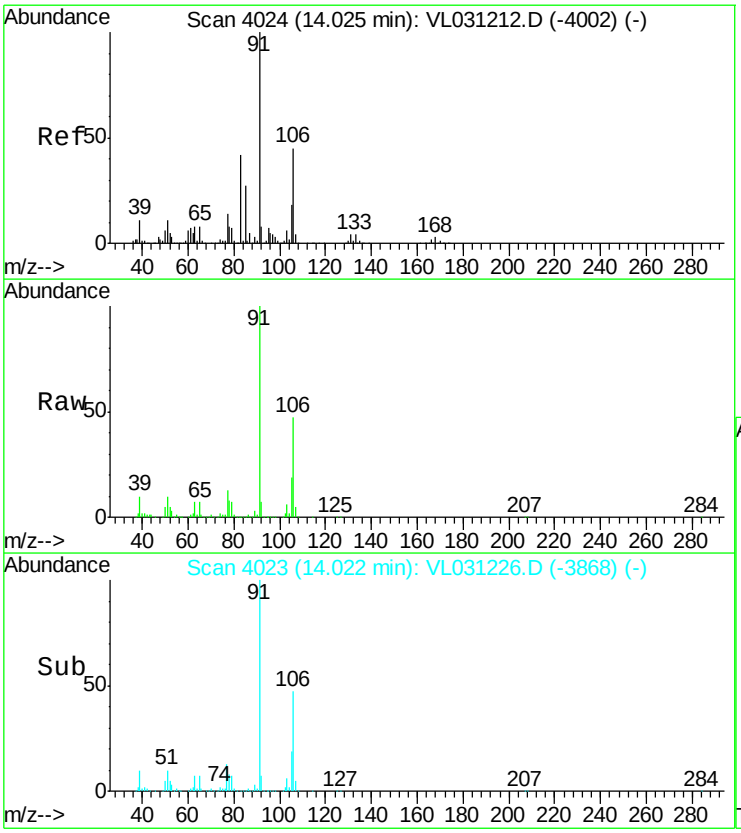
#59
m/p-Xylene
Concen: 3.004 ppbv
RT: 13.29 min Scan# 3795
Delta R.T. -0.04 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1707830

Ion	Ratio	Lower	Upper
91	100		
106	49.0	38.5	57.7

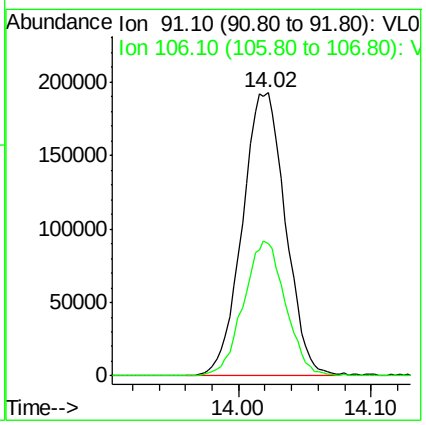


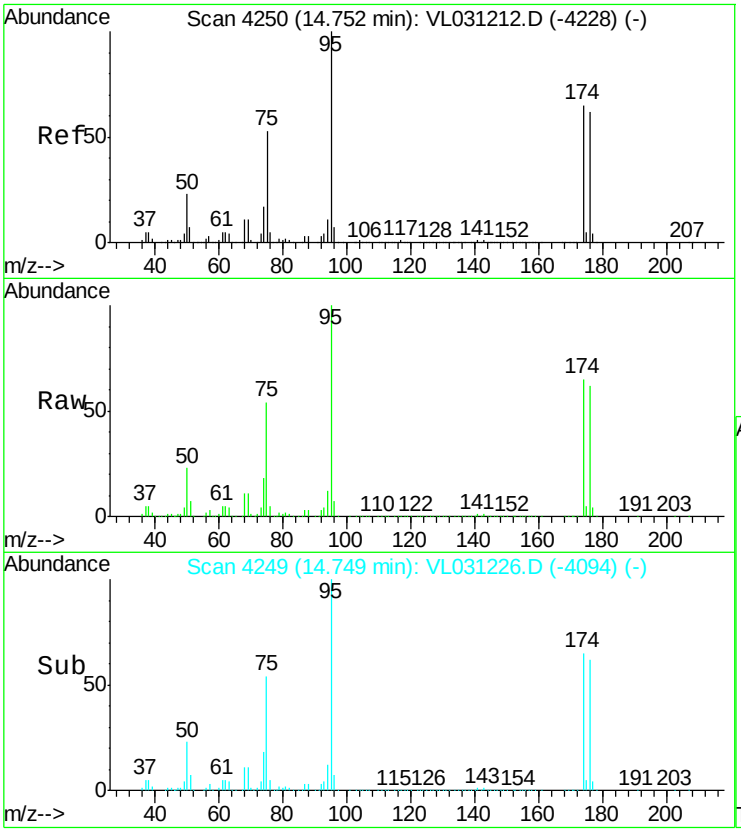


#60
o-Xylene
Concen: 0.761 ppbv
RT: 14.02 min Scan# 4023
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion: 91 Resp: 435955

Ion	Ratio	Lower	Upper
91	100		
106	46.3	22.7	68.1



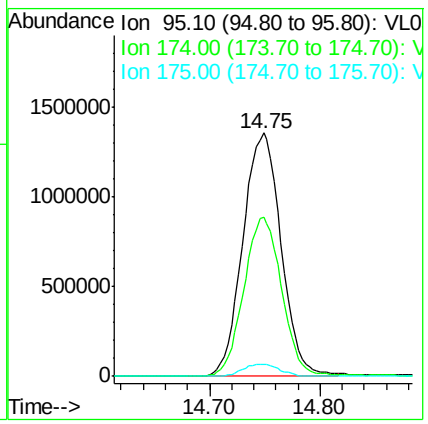


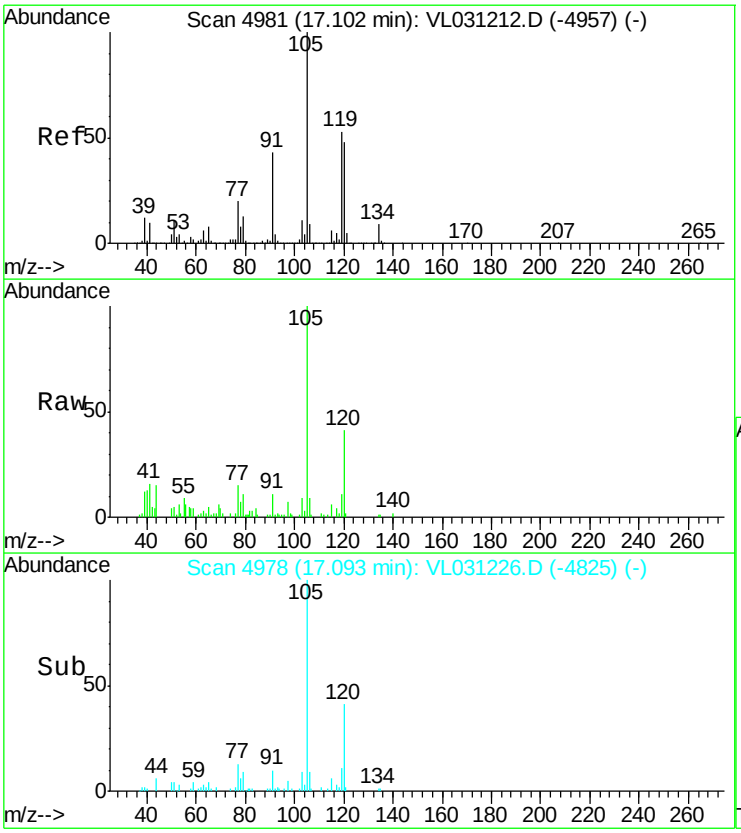
#68
1-Bromo-4-Fluorobenzene
Concen: 10.630 ppbv
RT: 14.75 min Scan# 4249
Delta R.T. -0.00 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3252910

Ion	Ratio	Lower	Upper
95	100		
174	65.6	52.5	78.7
175	4.9	4.1	6.1





#74
1,2,4-Trimethylbenzene
Concen: 0.058 ppbv
RT: 17.09 min Scan# 4978
Delta R.T. -0.01 min
Lab File: VL031226.D
Acq: 14 Dec 2017 11:11

Tgt Ion:105 Resp: 33825

Ion	Ratio	Lower	Upper
105	100		
120	41.0	38.6	58.0
91	9.8	34.2	51.4#
77	13.4	16.1	24.1#