Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033916.D
Acq On : 14 Jun 2019 3:29
Operator : SY/AP
Sample : K3367-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 14 05:38:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.75	49	879796	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.27	114	2001527	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.22	117	1892980	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.56	95	1554926	10.00	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	4450	0.031	ppbv		92
4) Chloromethane	3.16	50	2558	0.043	ppbv		90
9) Propene	3.23	41	14846	0.383	ppbv		93
13) Ethanol	3.64	45	171934	13.636	ppbv		97
15) Acetone	3.90	43	101711	0.793	ppbv		95
16) 1,3-Butadiene	3.34	39	1986	0.041	ppbv	#	6
19) Isopropyl Alcohol	4.03	45	7835	0.107	ppbv	#	73
20) Methylene Chloride	4.40	84	7082	0.142	ppbv	#	91
25) Ethyl Acetate	5.76	43	9883	0.051	ppbv	#	90
26) Hexane	5.77	57	7533	0.085	ppbv	#	54
29) Chloroform	5.83	83	13307	0.087	ppbv	#	82
36) Benzene	6.98	78	7606	0.050	ppbv	#	95
39) 1,2-Dichloropropane	7.27	63	529025	8.965	ppbv	#	25
52) Tetrachloroethene	11.36	164	79863	1.484	ppbv		93
53) Toluene	9.93	91	13651	0.081	ppbv	#	52

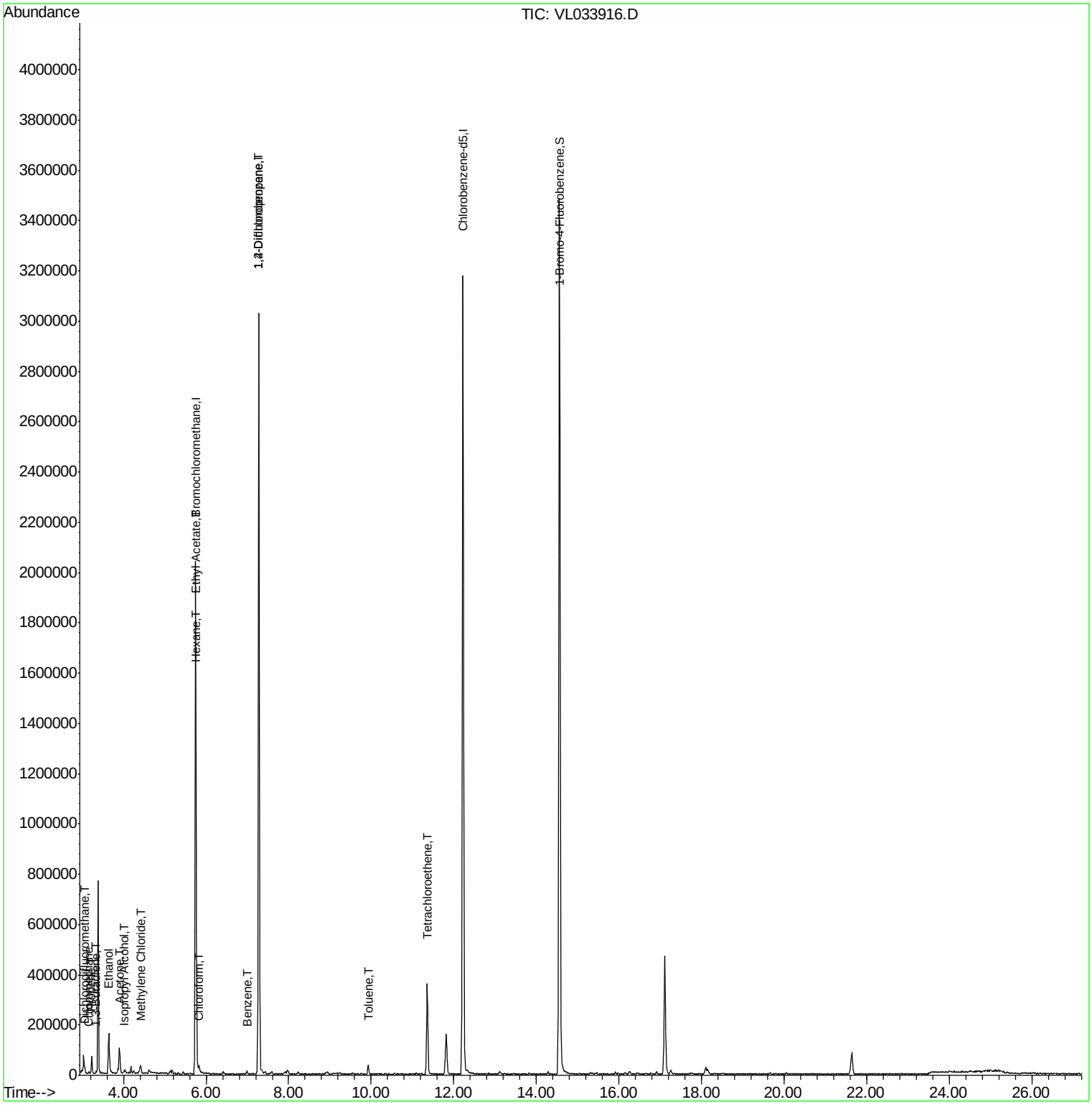
(#) = qualifier out of range (m) = manual integration (+) = signals summed

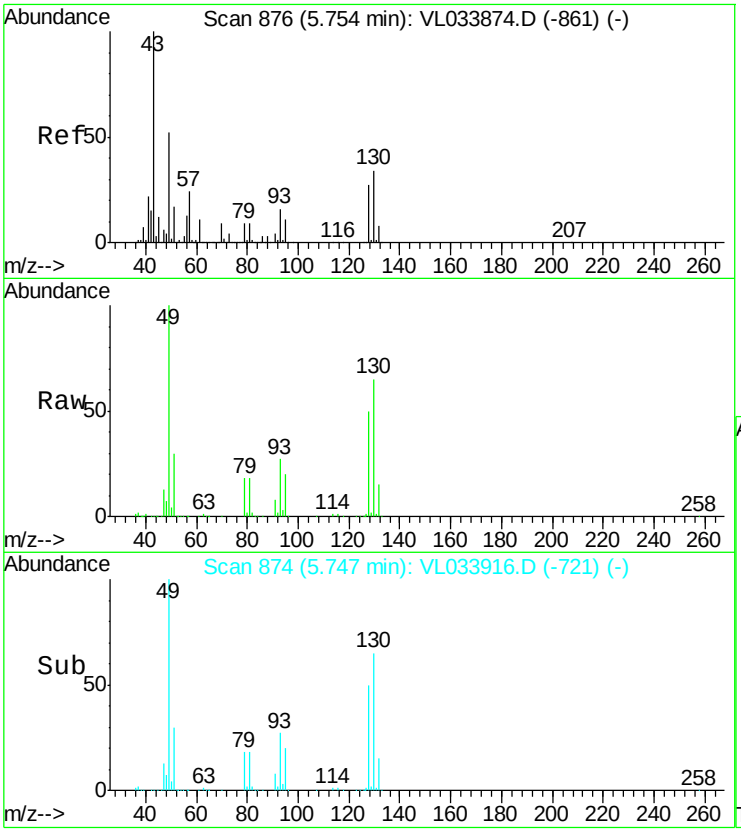
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061319\
Data File : VL033916.D
Acq On : 14 Jun 2019 3:29
Operator : SY/AP
Sample : K3367-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 14 05:38:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



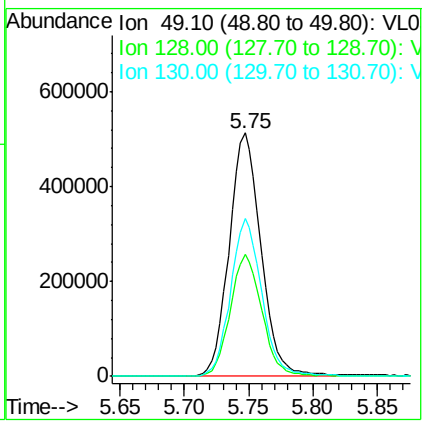


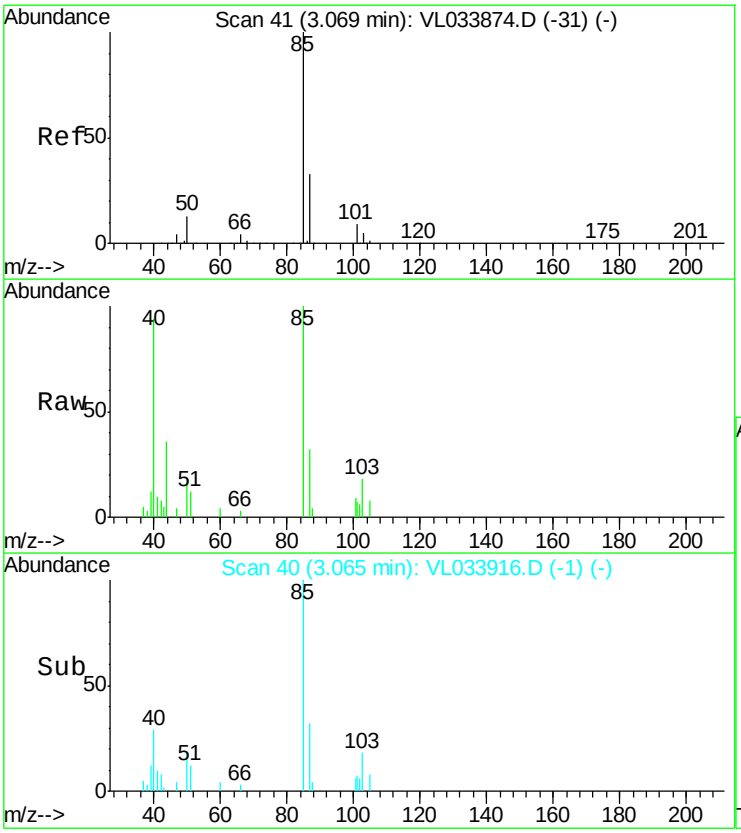
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 879796

Ion	Ratio	Lower	Upper
49	100		
128	50.1	25.5	76.5
130	63.9	32.5	97.4

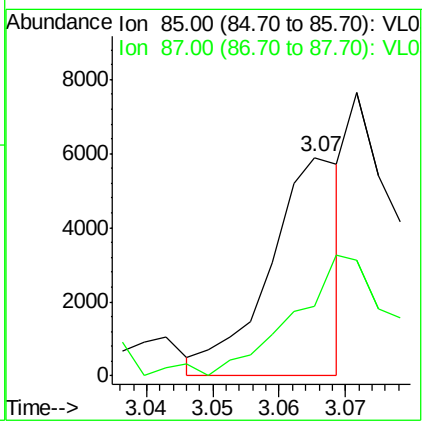


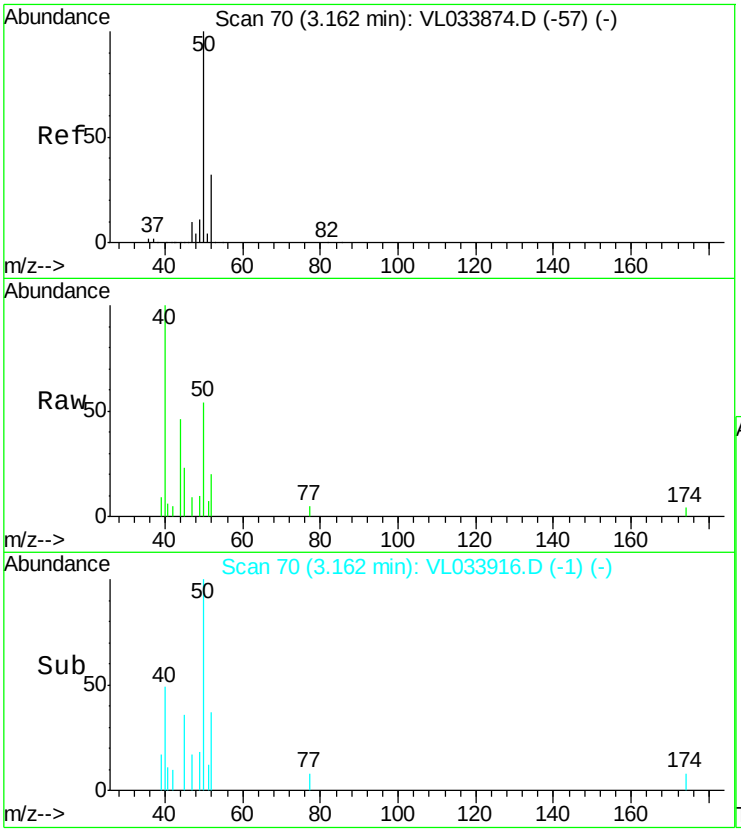


#2
Dichlorodifluoromethane
Concen: 0.031 ppbv
RT: 3.07 min Scan# 40
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 85 Resp: 4450

Ion	Ratio	Lower	Upper
85	100		
87	28.9	26.6	40.0



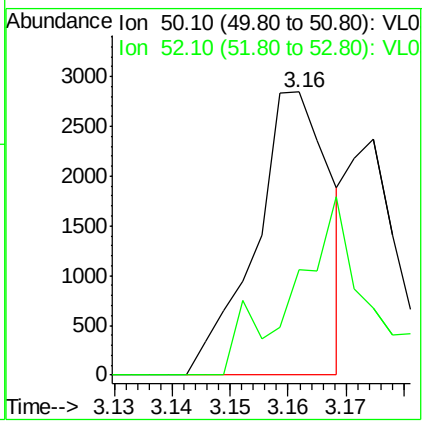


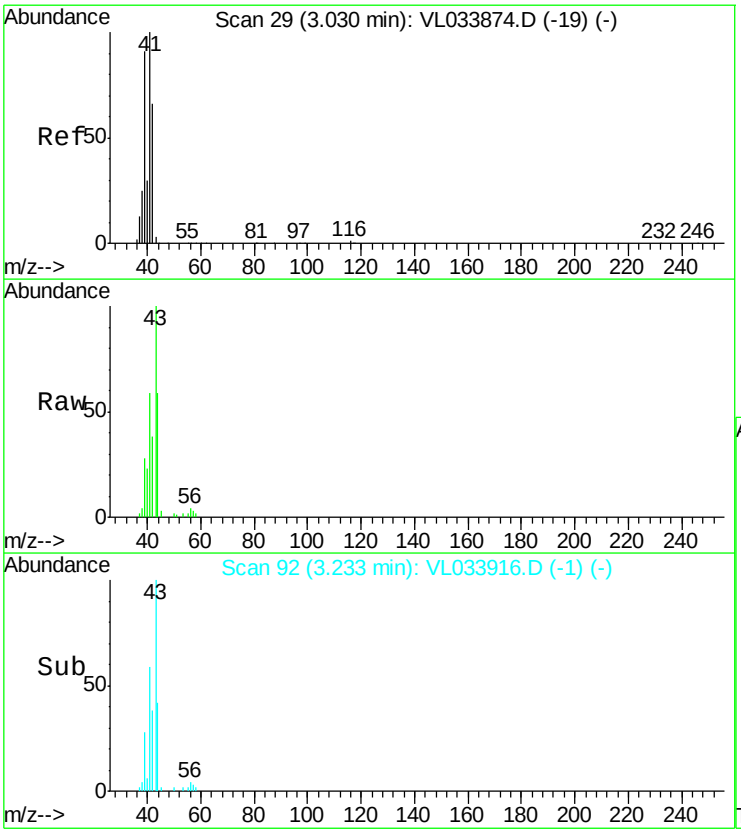
#4
Chloromethane
Concen: 0.043 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 2558

Ion	Ratio	Lower	Upper
50	100		
52	37.3	25.4	38.0

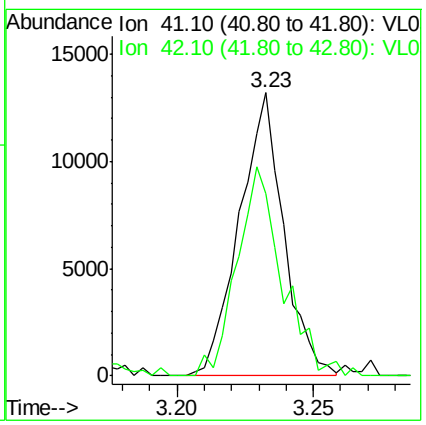


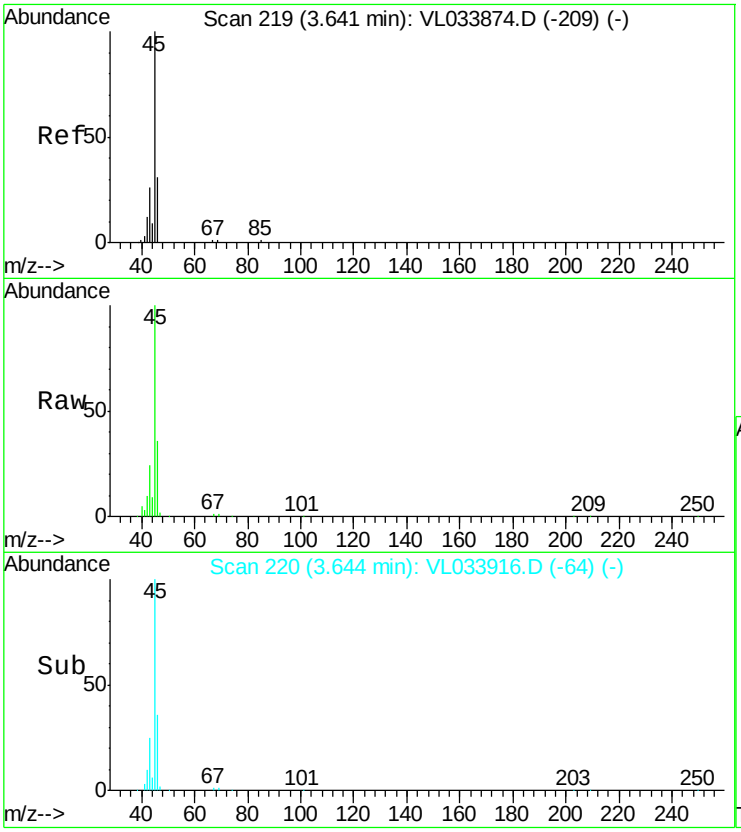


#9
Propene
Concen: 0.383 ppbv
RT: 3.23 min Scan# 92
Delta R.T. 0.20 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 41 Resp: 14846

Ion	Ratio	Lower	Upper
41	100		
42	76.2	56.3	84.5

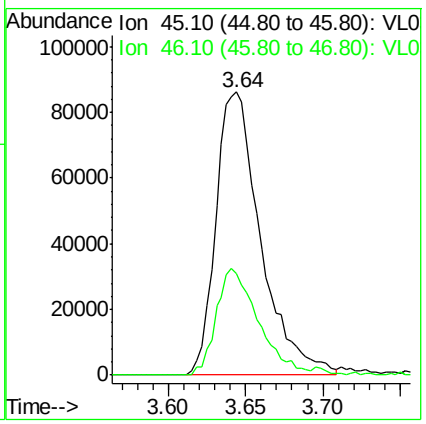




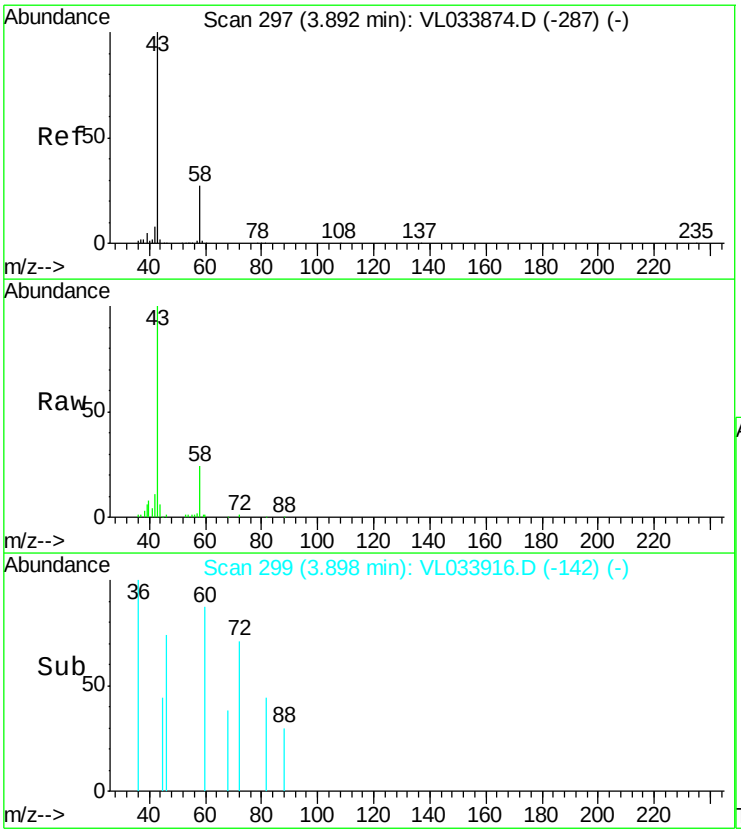
#13
Ethanol
Concen: 13.636 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 45 Resp: 171934

Ion	Ratio	Lower	Upper
45	100		
46	36.7	15.3	61.1



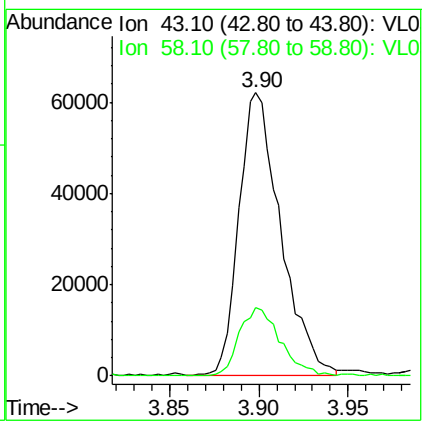
Instrument :
MSVOA_L
ClientSampleId :

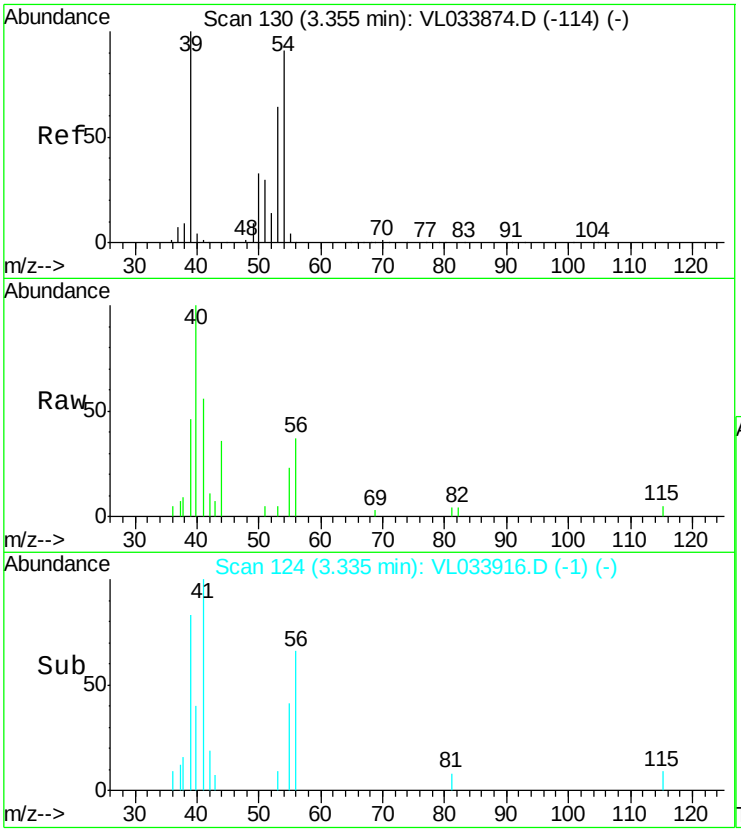


#15
Acetone
Concen: 0.793 ppbv
RT: 3.90 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 43 Resp: 101711

Ion	Ratio	Lower	Upper
43	100		
58	24.0	21.3	31.9



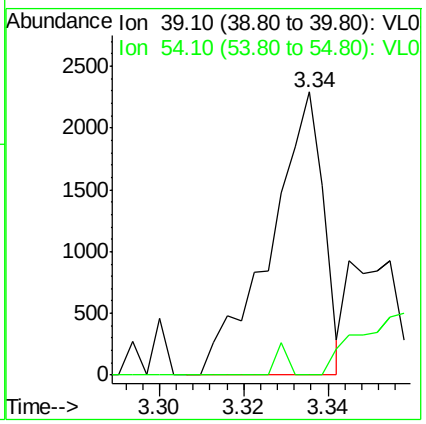


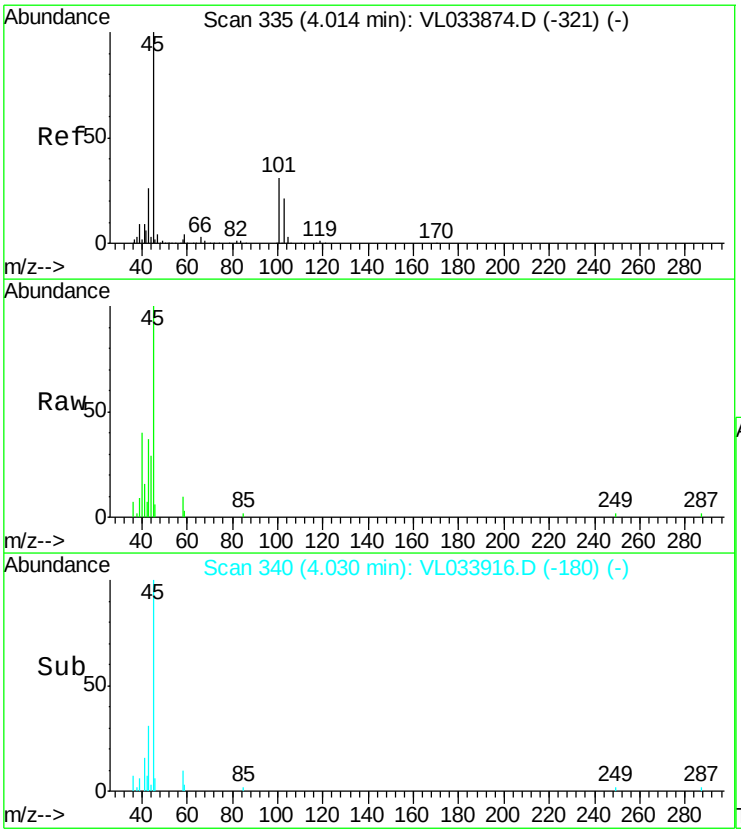
#16
1,3-Butadiene
Concen: 0.041 ppbv
RT: 3.34 min Scan# 124
Delta R.T. -0.02 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 1986

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.6	103.0#

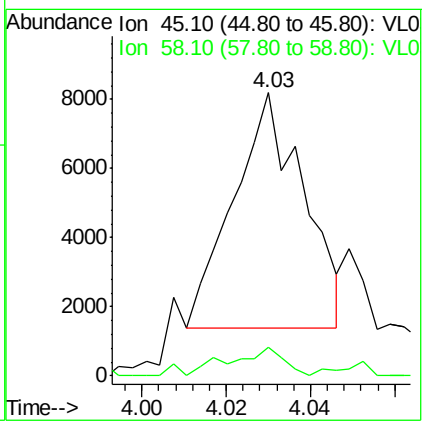


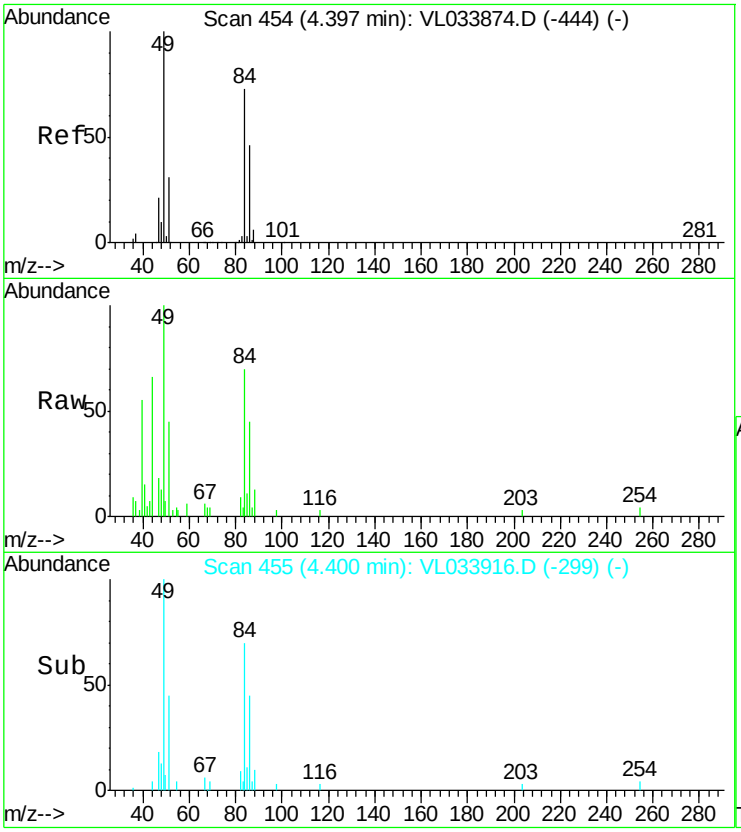


#19
Isopropyl Alcohol
Concen: 0.107 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.02 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 45 Resp: 7835

Ion	Ratio	Lower	Upper
45	100		
58	11.6	1.8	2.6#



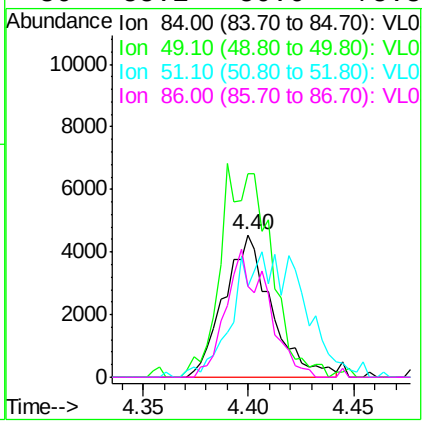


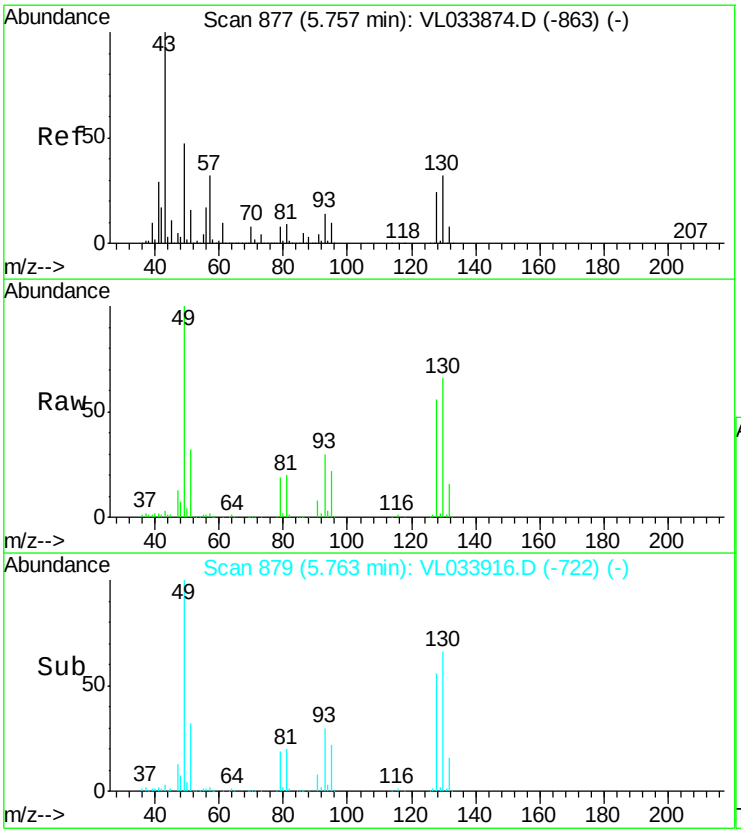
#20
Methylene Chloride
Concen: 0.142 ppbv
RT: 4.40 min Scan# 455
Delta R.T. 0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 7082

Ion	Ratio	Lower	Upper
84	100		
49	128.9	110.0	165.0
51	52.0	34.6	51.8#
86	55.1	50.6	75.8

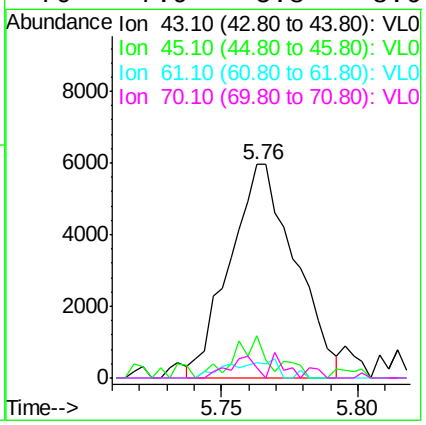


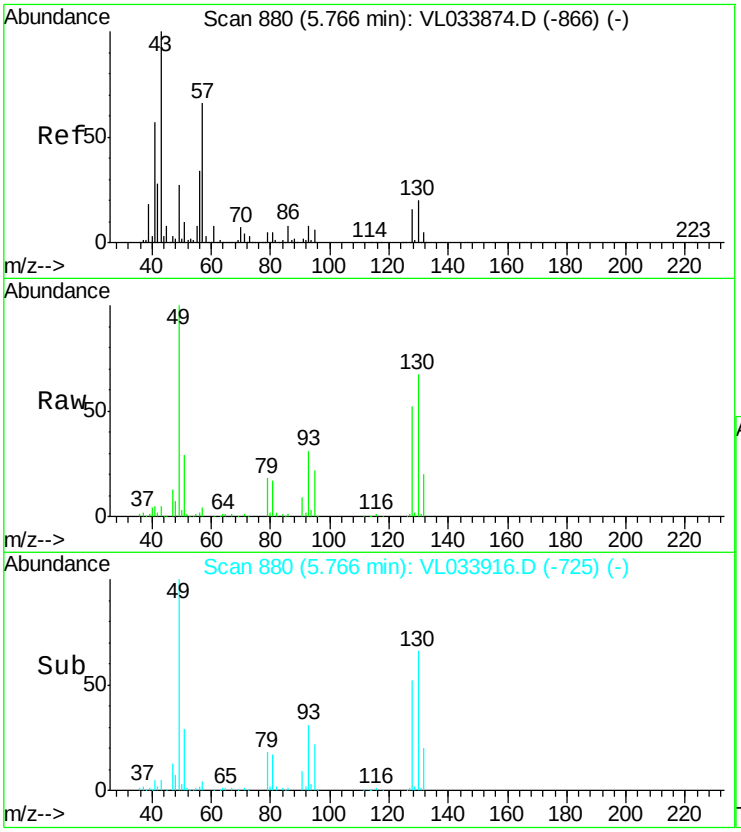


#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 43 Resp: 9883

Ion	Ratio	Lower	Upper
43	100		
45	16.4	7.9	11.9#
61	6.4	7.8	11.6#
70	7.9	5.8	8.6



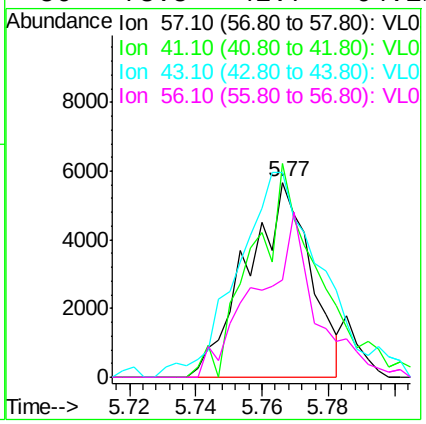


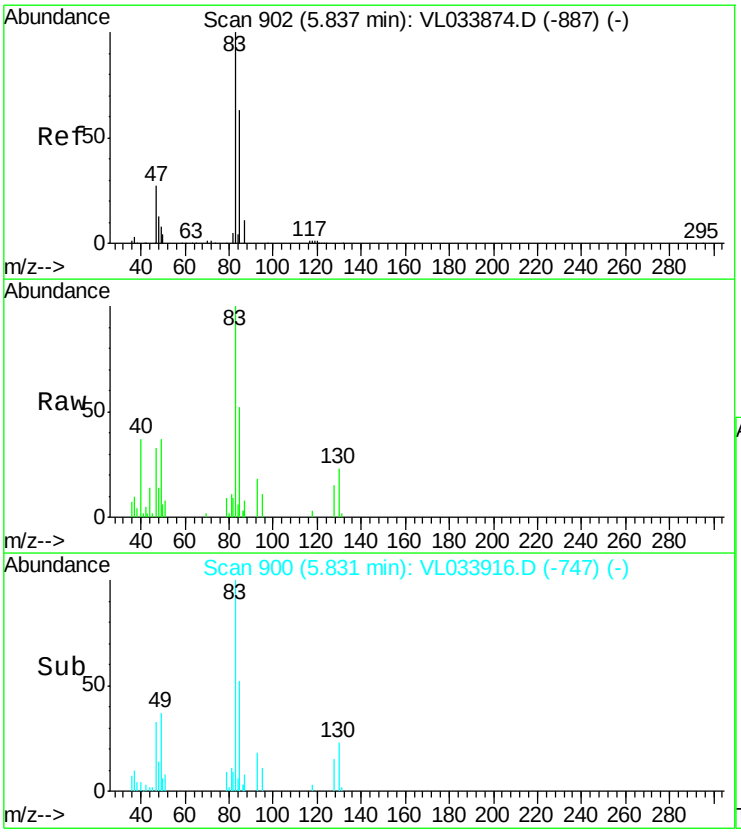
#26
Hexane
Concen: 0.085 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 7533

Ion	Ratio	Lower	Upper
57	100		
41	121.7	71.4	107.2#
43	142.4	183.7	275.5#
56	78.5	42.7	64.1#

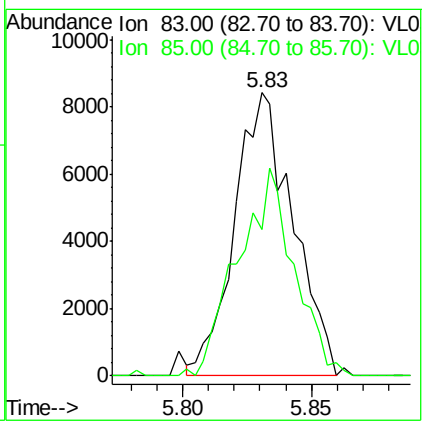


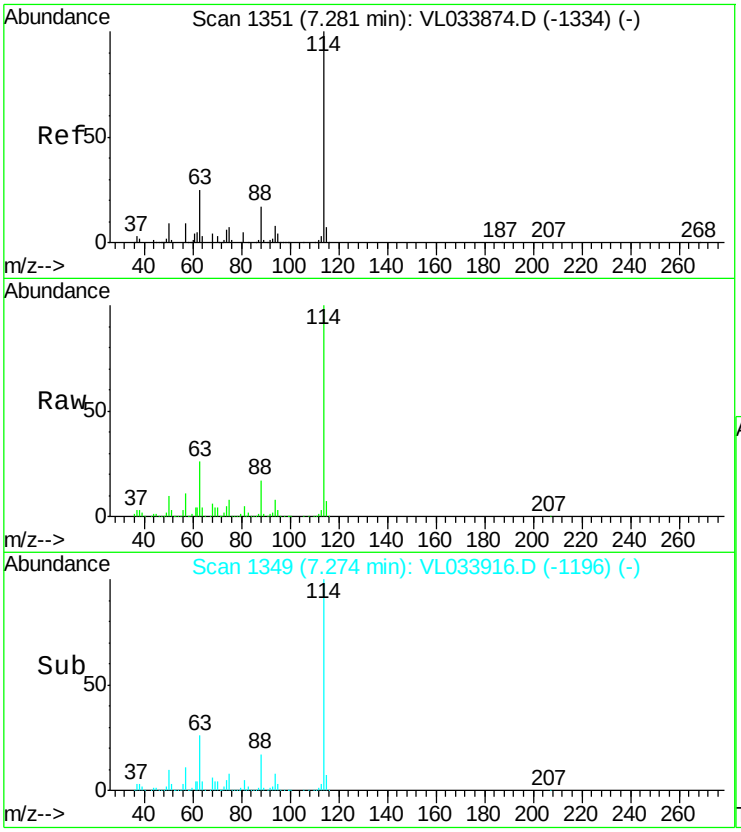


#29
Chloroform
Concen: 0.087 ppbv
RT: 5.83 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 83 Resp: 13307

Ion	Ratio	Lower	Upper
83	100		
85	49.2	50.5	75.7#



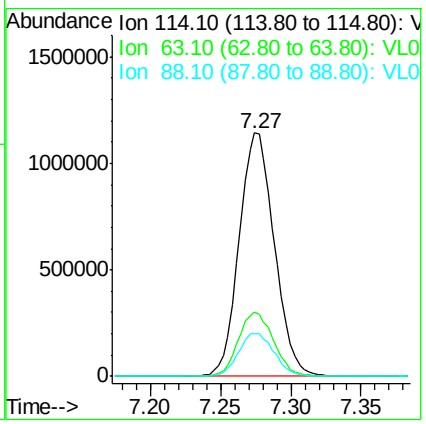


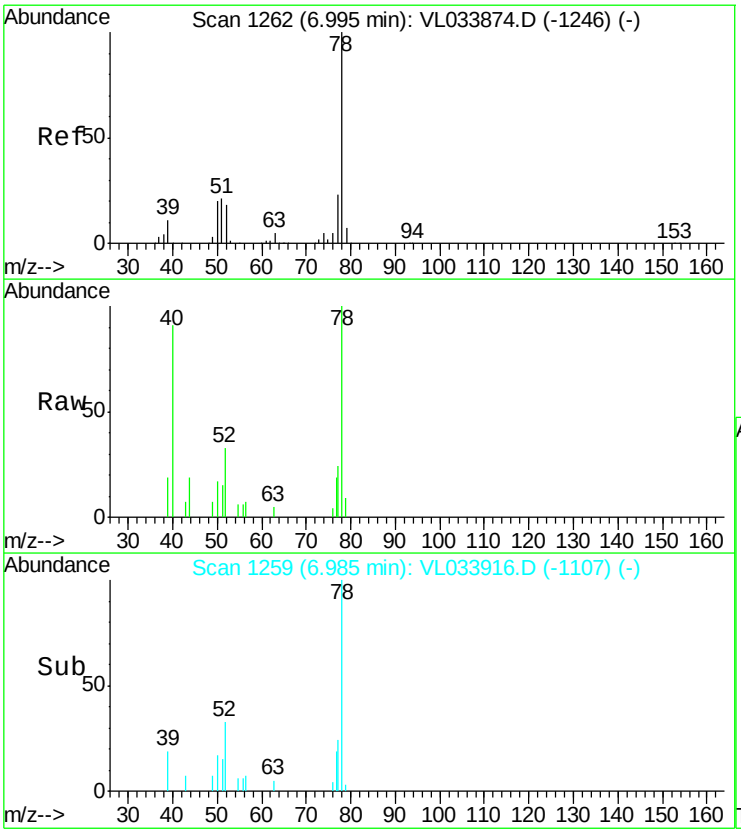
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2001527

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.1	31.7
88	18.0	14.2	21.4

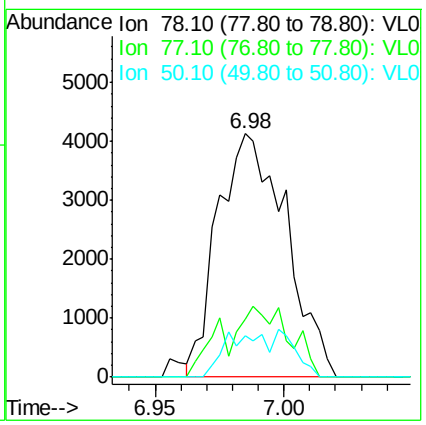


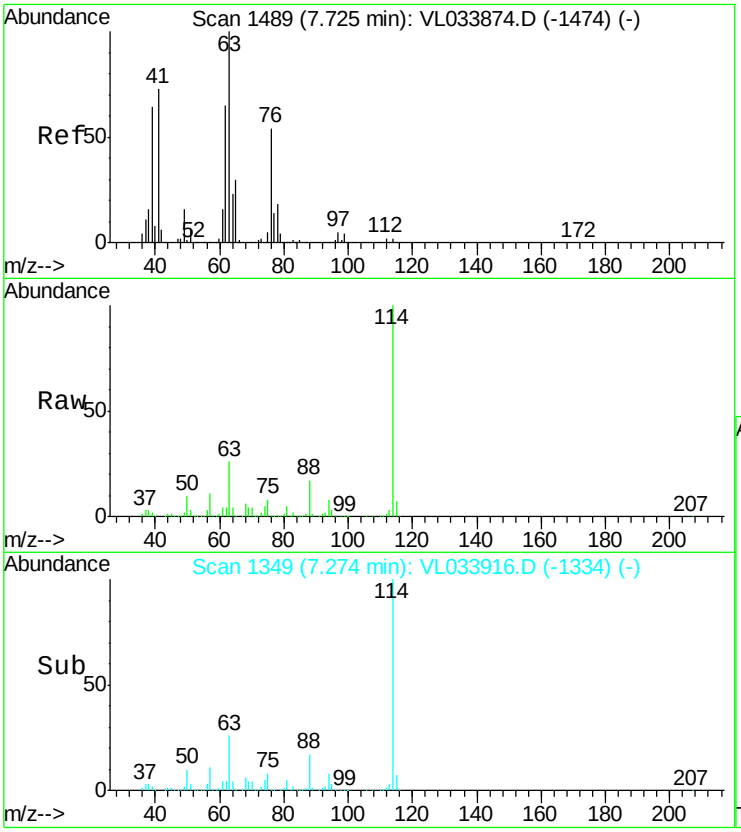


#36
Benzene
Concen: 0.050 ppbv
RT: 6.98 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion: 78 Resp: 7606

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.2	27.2
50	15.6	15.9	23.9#



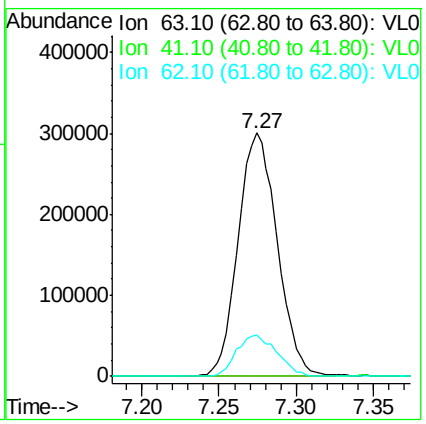


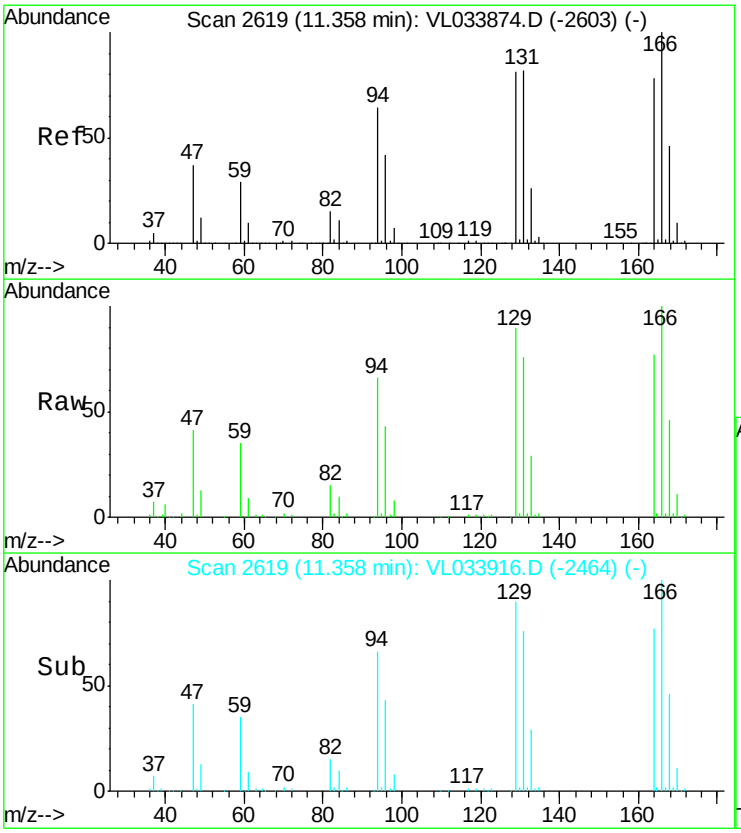
#39
1,2-Dichloropropane
Concen: 8.965 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. -0.45 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 529025

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	17.0	51.9	77.9#

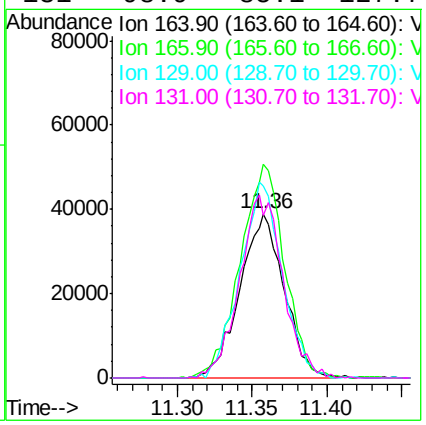


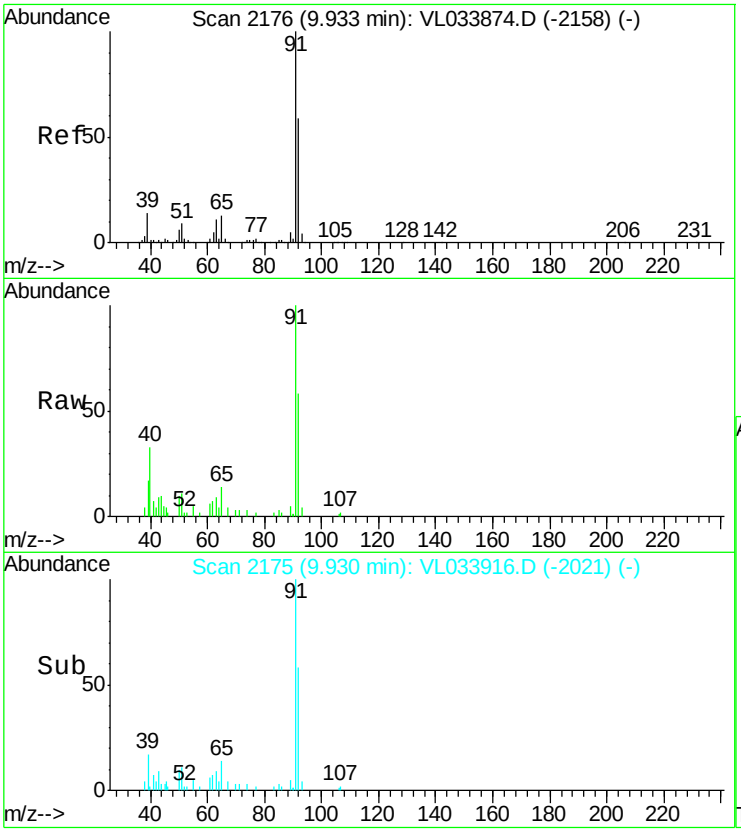


#52
Tetrachloroethene
Concen: 1.484 ppbv
RT: 11.36 min Scan# 2619
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion:164 Resp: 79863

Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.1	154.7
129	118.7	83.9	125.9
131	98.9	85.1	127.7



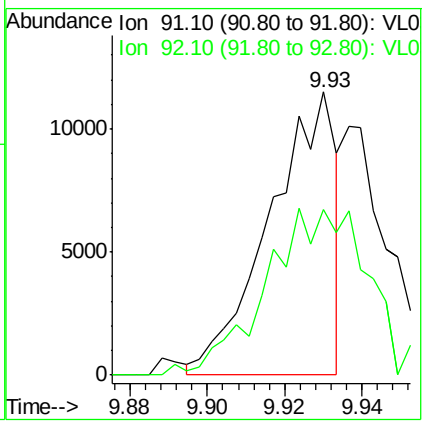


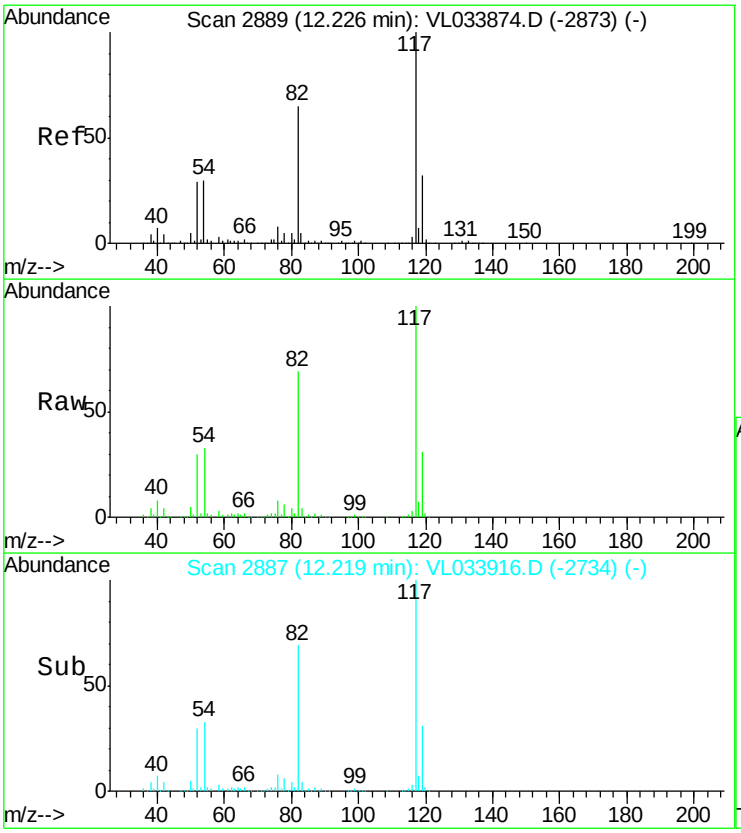
#53
Toluene
Concen: 0.081 ppbv
RT: 9.93 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 13651

Ion	Ratio	Lower	Upper
91	100		
92	94.7	47.0	70.6#

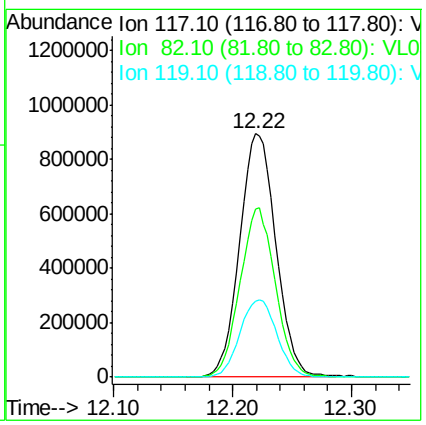


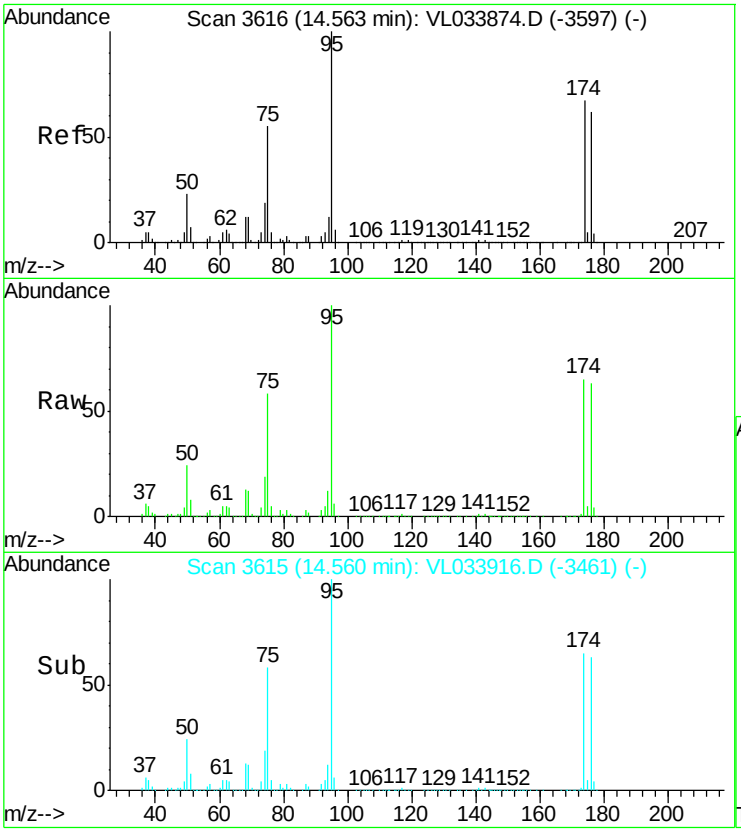


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Tgt Ion:117 Resp: 1892980

Ion	Ratio	Lower	Upper
117	100		
82	68.4	50.2	75.2
119	32.4	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.00 min
Lab File: VL033916.D
Acq: 14 Jun 2019 3:29

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1554926

Ion	Ratio	Lower	Upper
95	100		
174	66.1	54.0	81.0
175	4.7	3.8	5.8