Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\

Quantitation Report (Not Reviewed)

Data File : VL033847.D
Acq On : 29 May 2019 22:49
Operator : SY/AP
Sample : K3067-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-15-20190522-0DL

Quant Time: May 30 02:13:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	758466	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1702107	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1734496	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1383659	9.84	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	11023	0.127	ppbv #	69
4) Chloromethane	3.17	50	1600	0.032	ppbv	95
9) Propene	3.03	41	1110	0.030	ppbv #	1
11) Trichlorofluoromethane	4.00	101	4738	0.031	ppbv	87
13) Ethanol	3.63	45	605	0.051	ppbv #	38
15) Acetone	3.90	43	86238	0.819	ppbv	94
16) 1,3-Butadiene	3.35	39	2144	0.051	ppbv #	6
19) Isopropyl Alcohol	4.04	45	26972	0.398	ppbv #	80
20) Methylene Chloride	4.41	84	19400	0.479	ppbv	97
25) Ethyl Acetate	5.77	43	19428	0.105	ppbv #	81
26) Hexane	5.77	57	21885	0.275	ppbv #	39
29) Chloroform	5.84	83	26767	0.183	ppbv	93
36) Benzene	6.99	78	5652	0.037	ppbv #	82
39) 1,2-Dichloropropane	7.28	63	449618	7.789	ppbv #	22
52) Tetrachloroethene	11.35	164	1871	0.034	ppbv #	73
53) Toluene	9.94	91	42729	0.256	ppbv	96

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

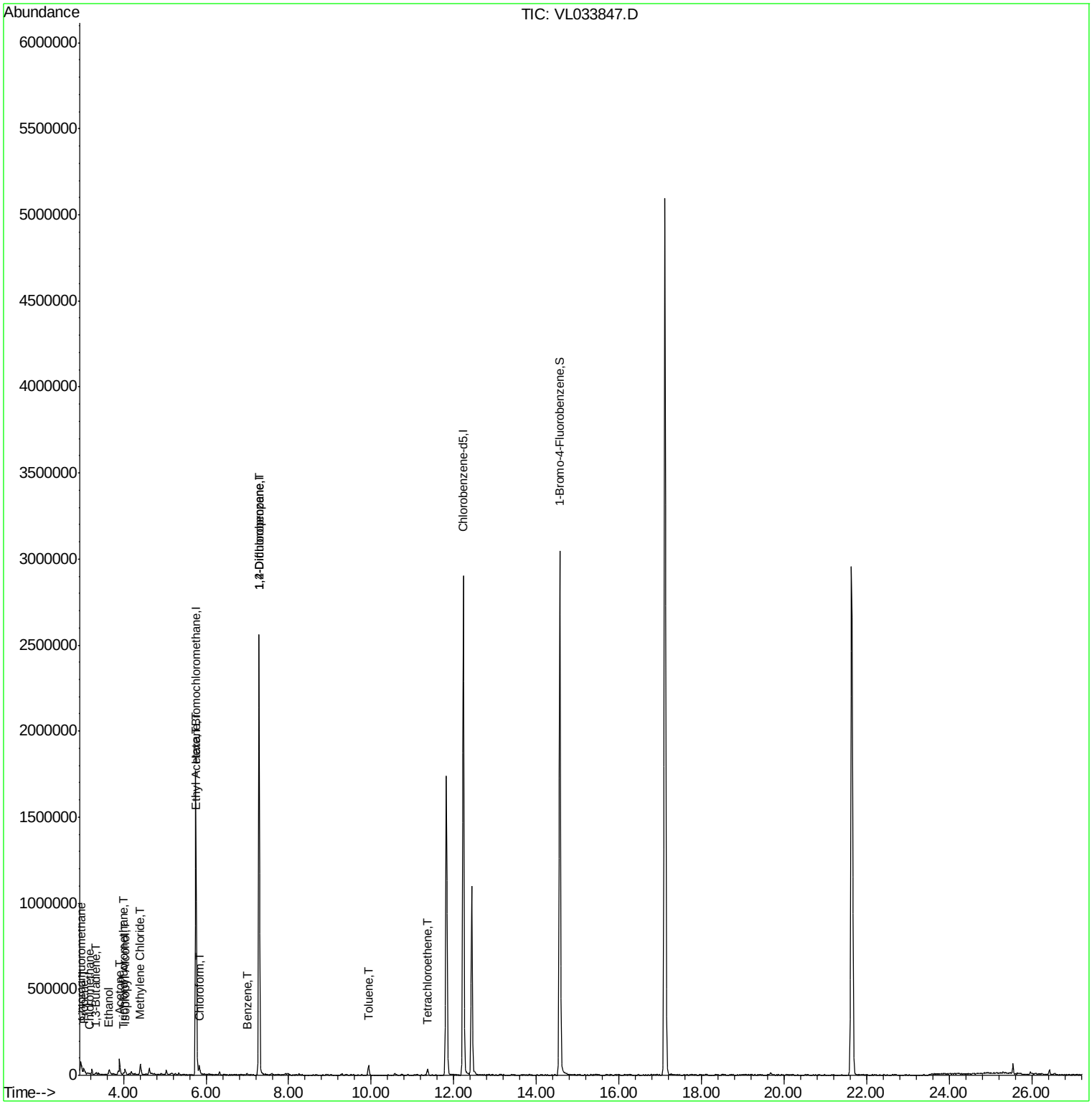
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\

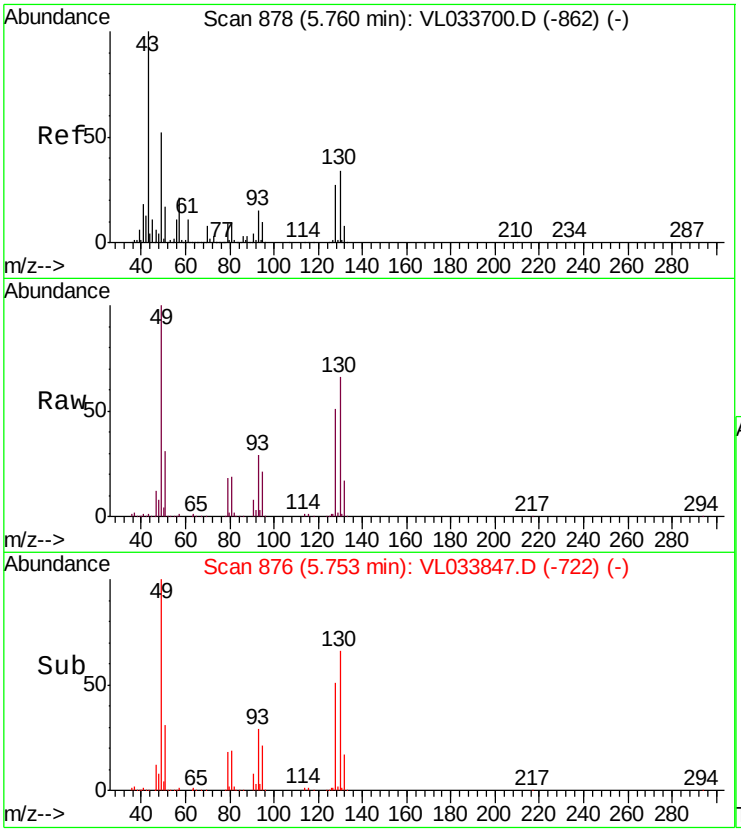
Quantitation Report (Not Reviewed)

Data File : VL033847.D
Acq On : 29 May 2019 22:49
Operator : SY/AP
Sample : K3067-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-15-20190522-0DL

Quant Time: May 30 02:13:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



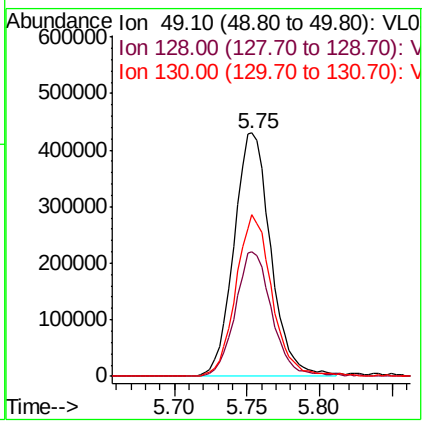


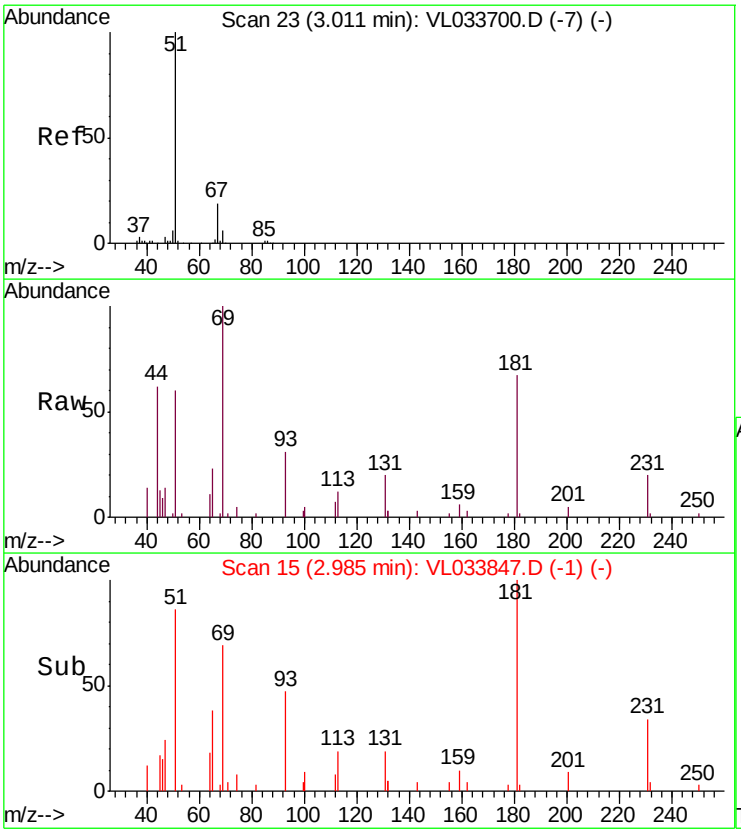
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 49 Resp: 758466

Ion	Ratio	Lower	Upper
49	100		
128	51.0	25.2	75.6
130	65.6	32.5	97.5

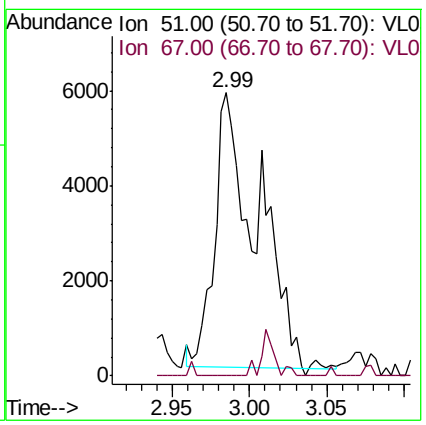


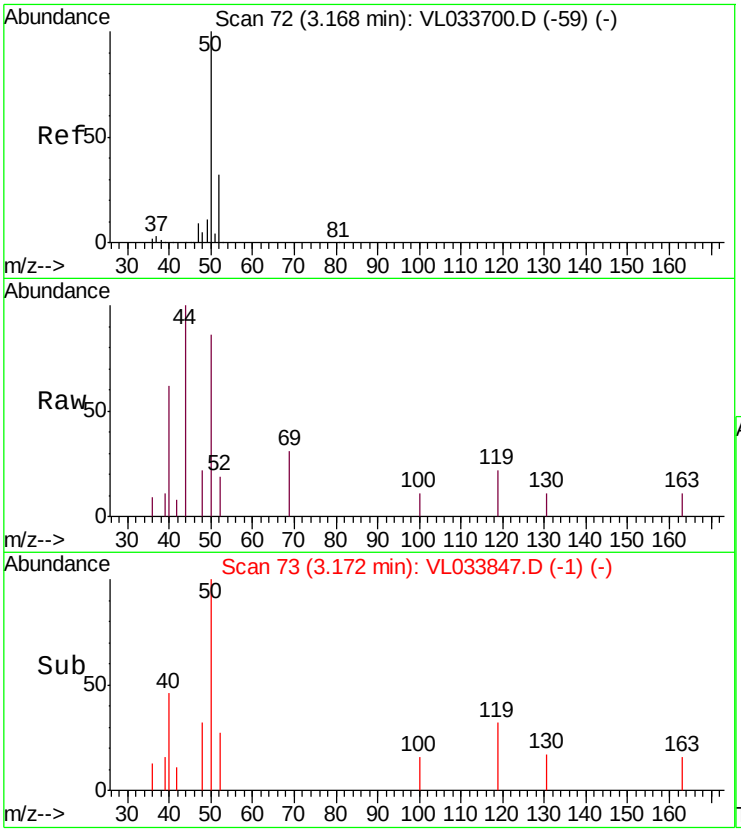


#3
Chlorodifluoromethane
Concen: 0.127 ppbv
RT: 2.99 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 51 Resp: 11023

Ion	Ratio	Lower	Upper
51	100		
67	5.5	15.6	23.4#



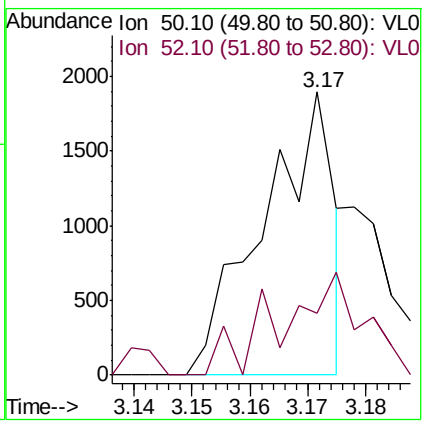


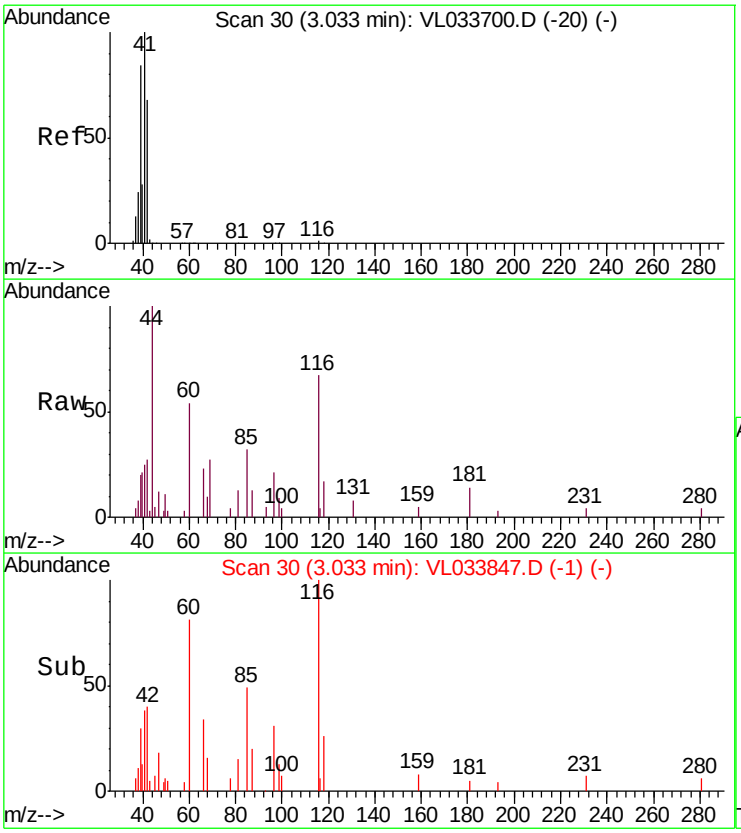
#4
Chloromethane
Concen: 0.032 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 50 Resp: 1600

Ion	Ratio	Lower	Upper
50	100		
52	29.3	25.7	38.5

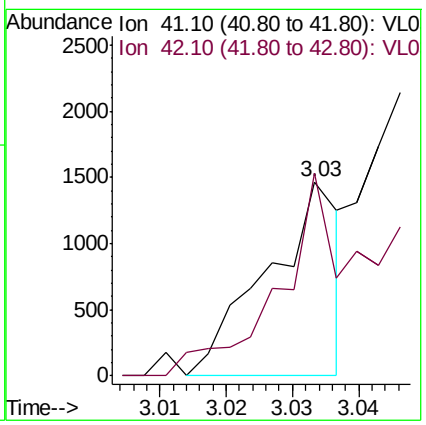


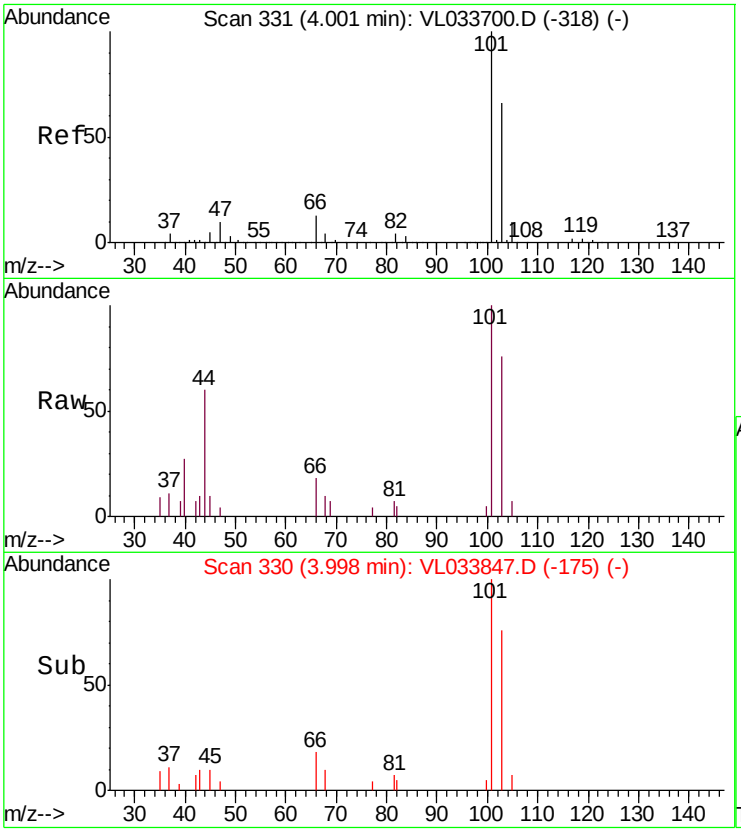


#9
Propene
Concen: 0.030 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 41 Resp: 1110

Ion	Ratio	Lower	Upper
41	100		
42	183.4	56.1	84.1#



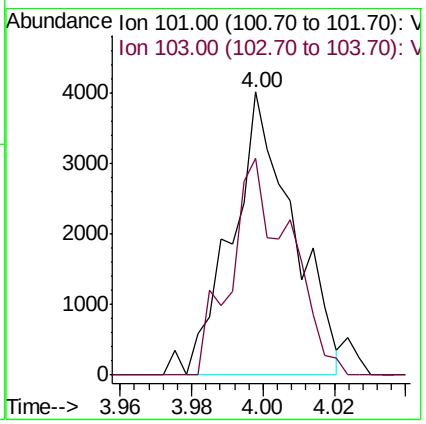


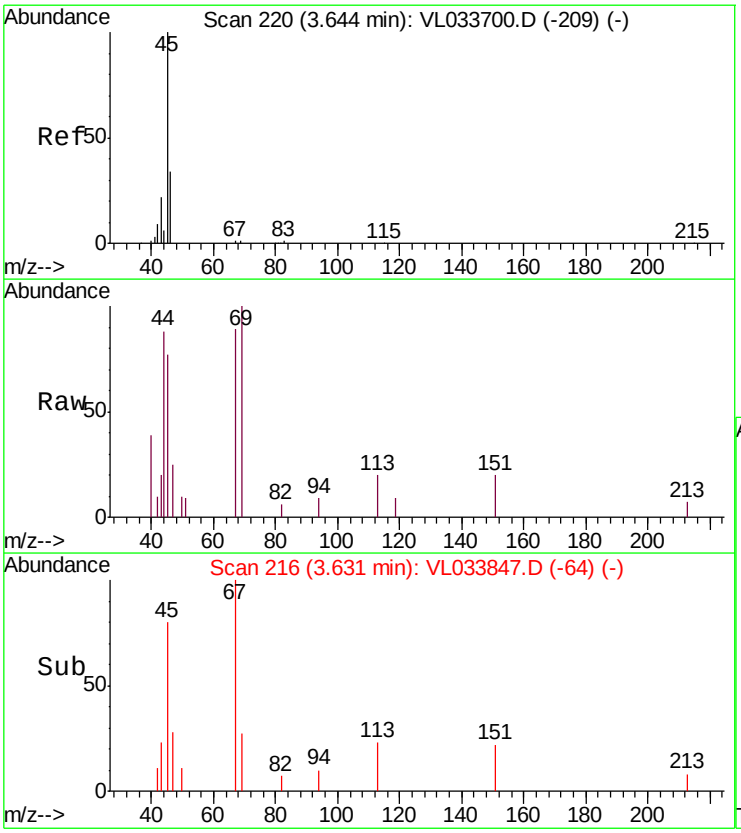
#11
Trichlorofluoromethane
Concen: 0.031 ppbv
RT: 4.00 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion:101 Resp: 4738

Ion	Ratio	Lower	Upper
101	100		
103	76.4	52.6	78.8

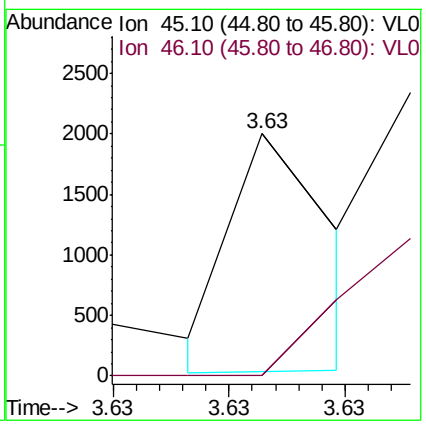


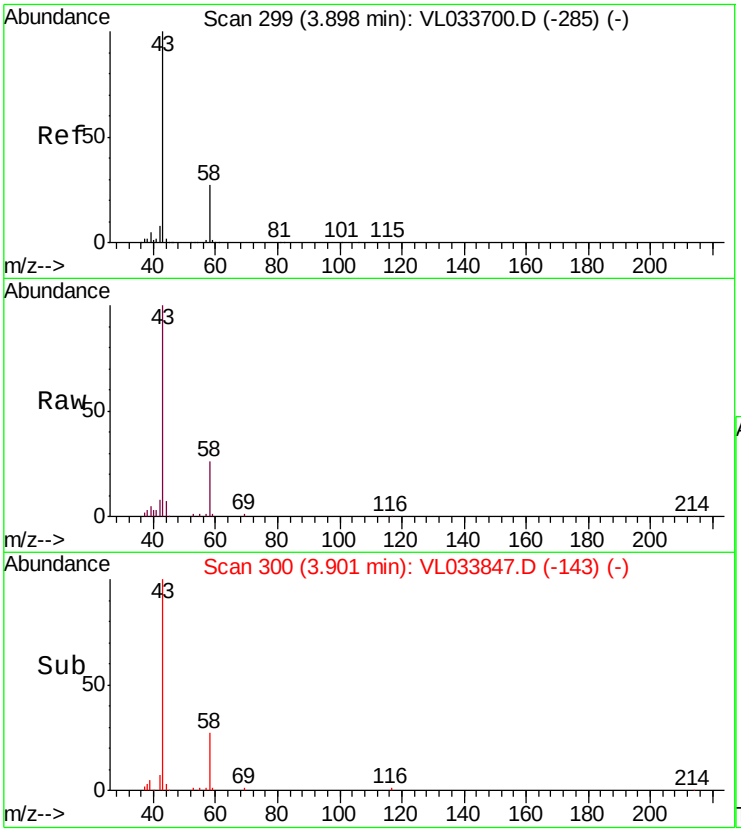


#13
Ethanol
Concen: 0.051 ppbv
RT: 3.63 min Scan# 216
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 45 Resp: 605

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



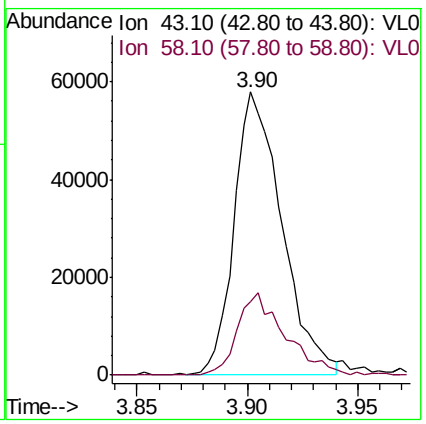


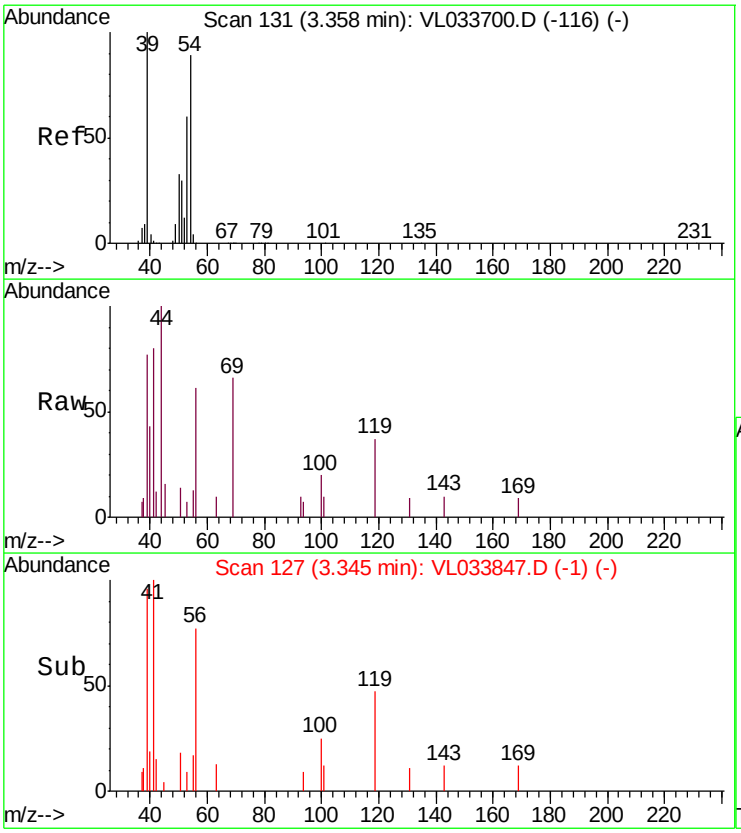
#15
Acetone
Concen: 0.819 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 43 Resp: 86238

Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.3	31.9

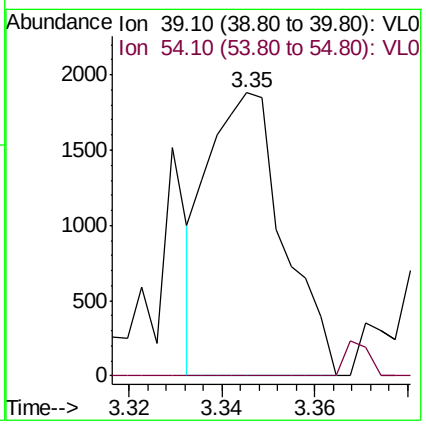


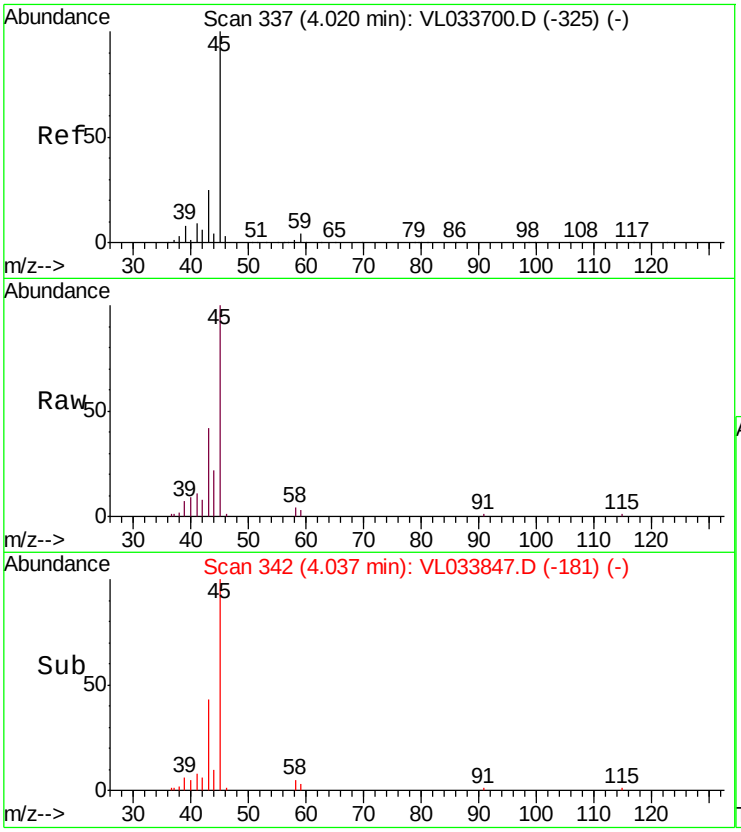


#16
1,3-Butadiene
Concen: 0.051 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 39 Resp: 2144

Ion	Ratio	Lower	Upper
39	100		
54	0.0	69.0	103.6#



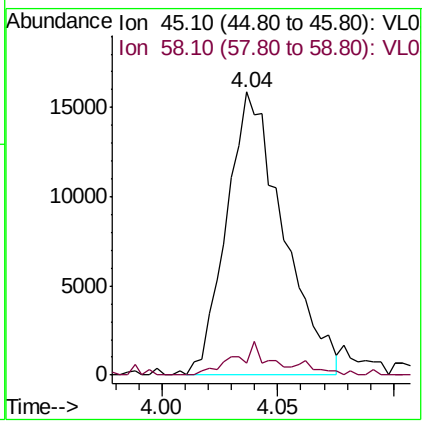


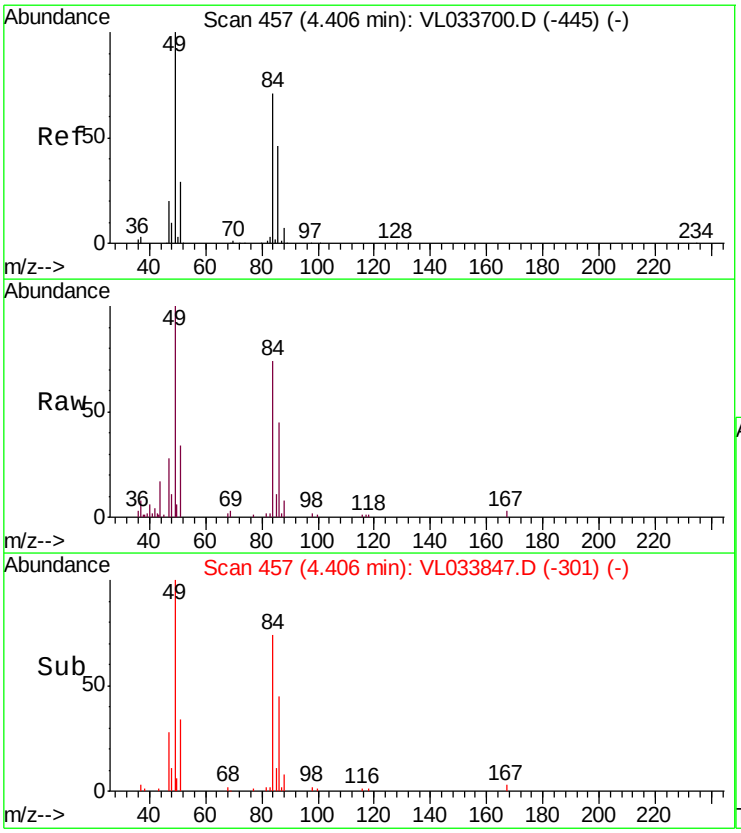
#19
Isopropyl Alcohol
Concen: 0.398 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 45 Resp: 26972

Ion	Ratio	Lower	Upper
45	100		
58	9.0	1.6	2.4#

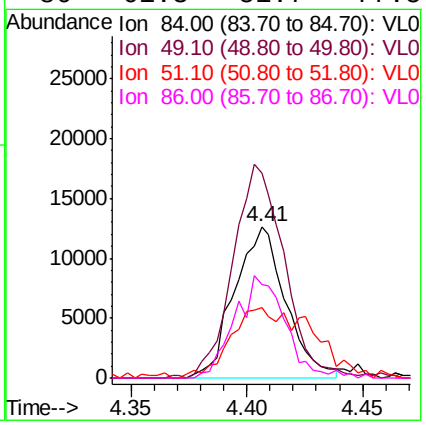


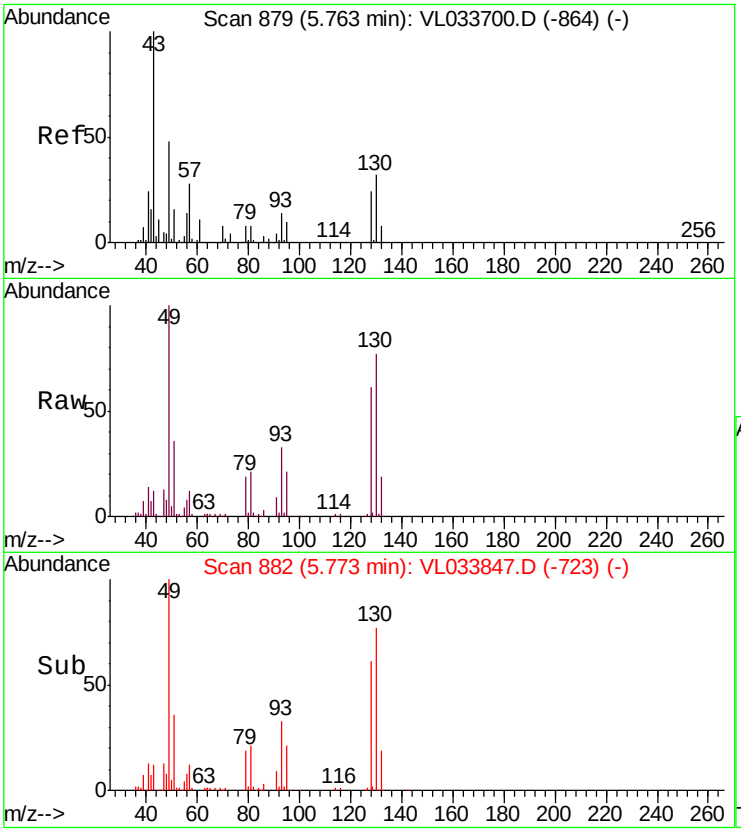


#20
Methylene Chloride
Concen: 0.479 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 84 Resp: 19400

Ion	Ratio	Lower	Upper
84	100		
49	144.0	112.8	169.2
51	43.8	33.4	50.0
86	61.3	51.7	77.5



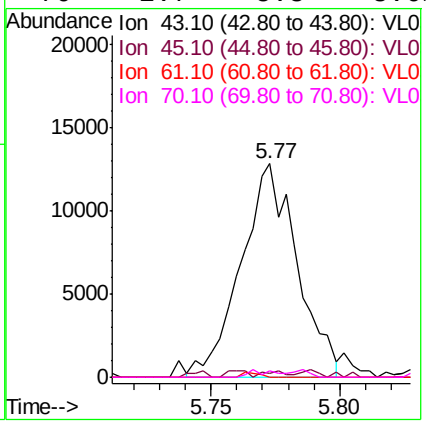


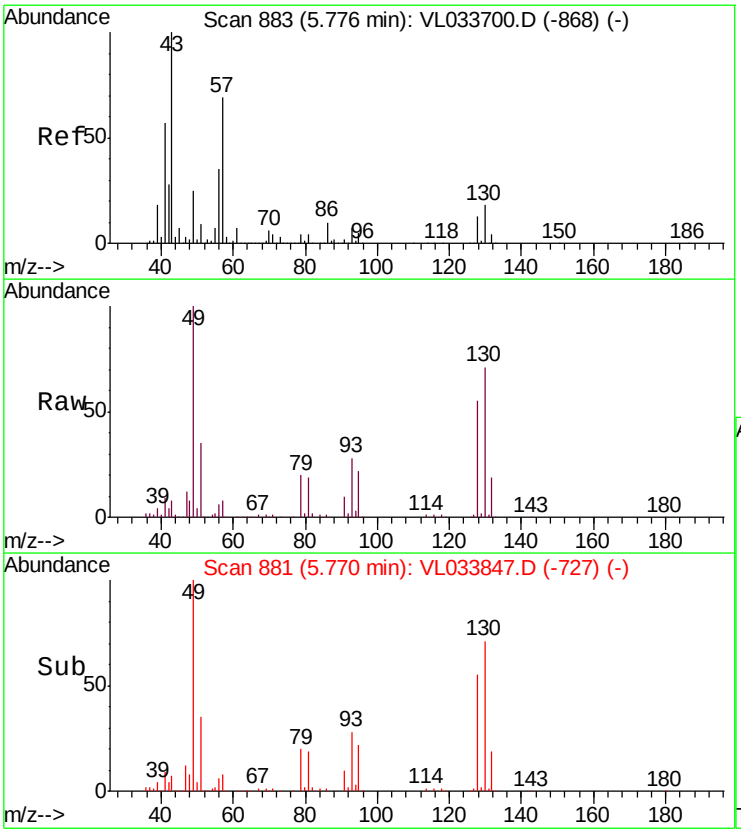
#25
Ethyl Acetate
Concen: 0.105 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 43 Resp: 19428

Ion	Ratio	Lower	Upper
43	100		
45	3.0	7.9	11.9#
61	0.8	7.7	11.5#
70	2.7	5.8	8.6#

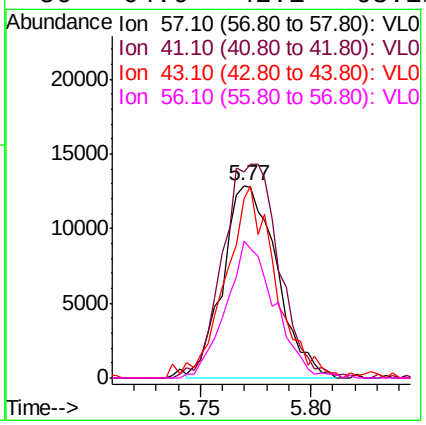


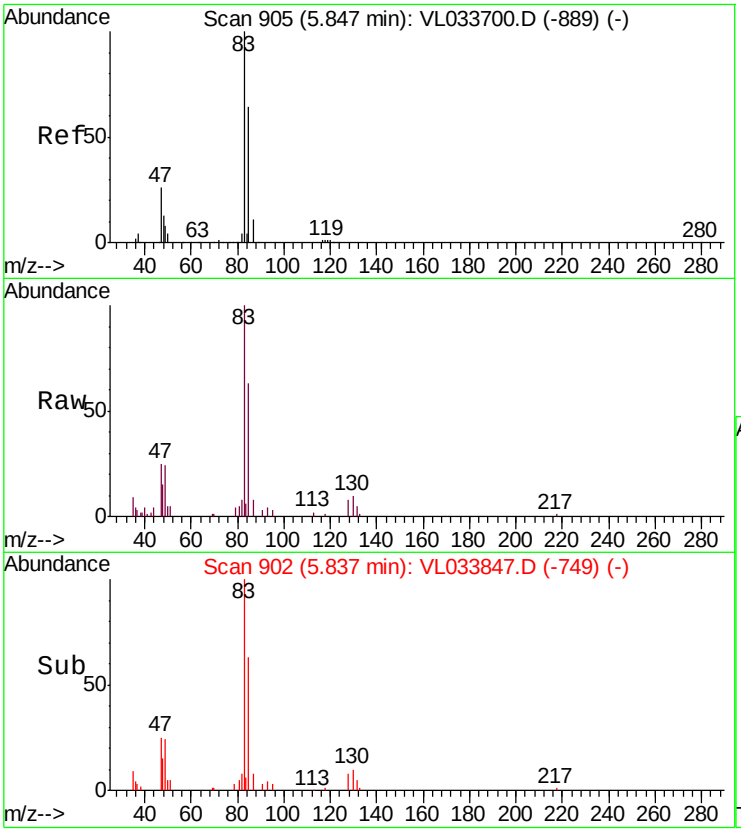


#26
Hexane
Concen: 0.275 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 57 Resp: 21885

Ion	Ratio	Lower	Upper
57	100		
41	117.8	69.8	104.6#
43	94.0	181.8	272.6#
56	64.6	42.1	63.1#



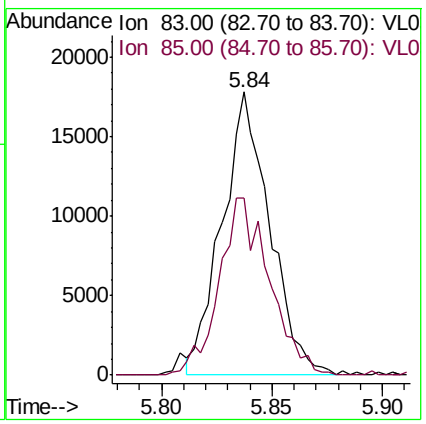


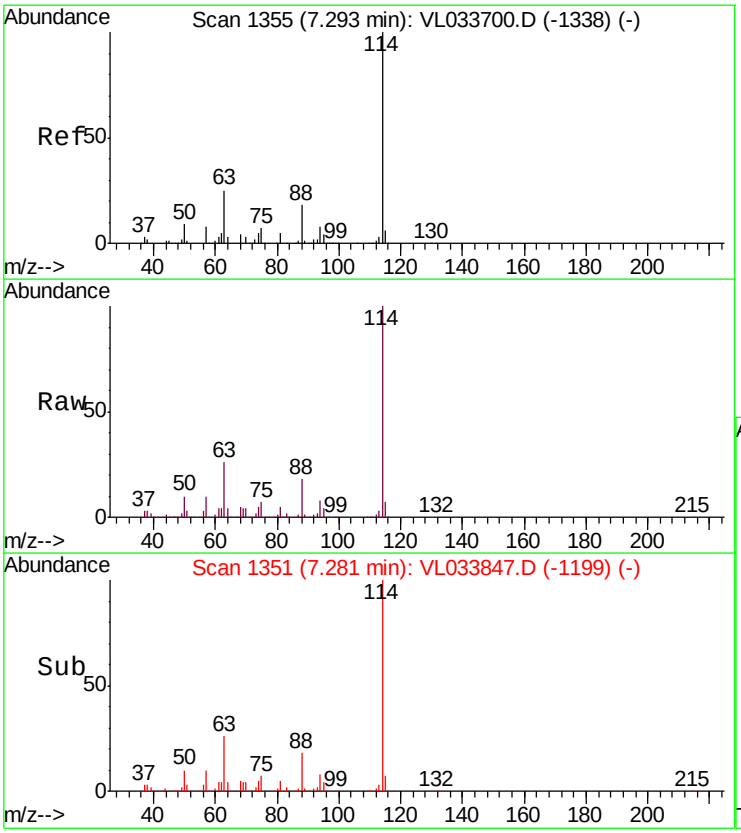
#29
Chloroform
Concen: 0.183 ppbv
RT: 5.84 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 83 Resp: 26767

Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.5	77.3

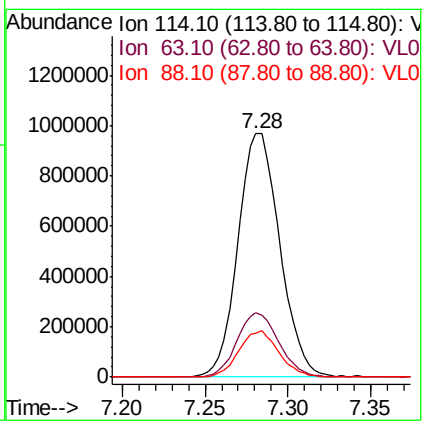


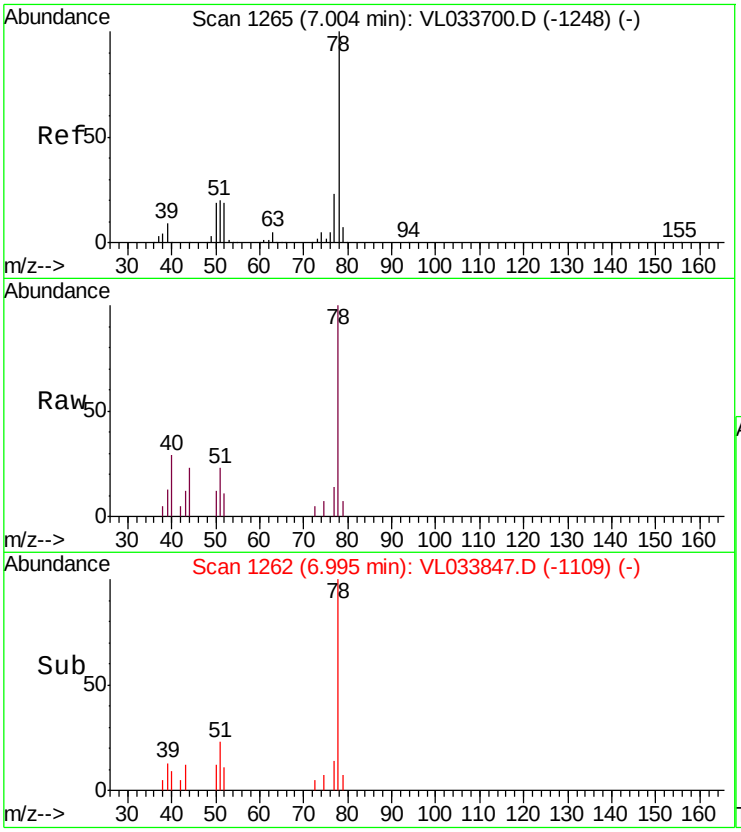


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion:114 Resp: 1702107

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.9	31.3
88	18.3	14.3	21.5



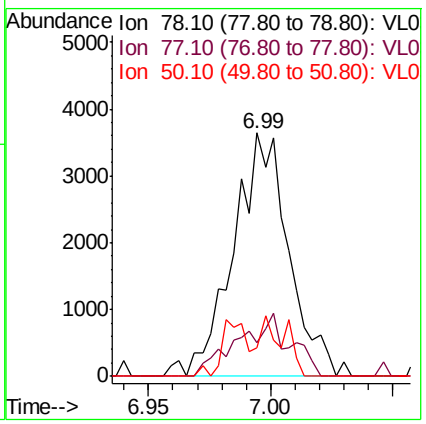


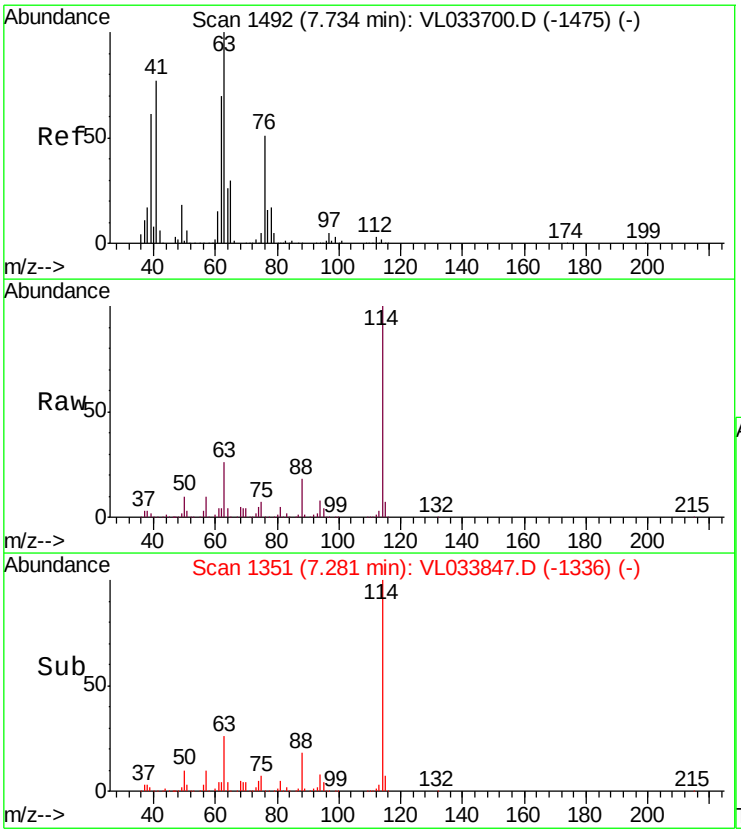
#36
Benzene
Concen: 0.037 ppbv
RT: 6.99 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion: 78 Resp: 5652

Ion	Ratio	Lower	Upper
78	100		
77	13.9	18.4	27.6#
50	12.0	15.5	23.3#

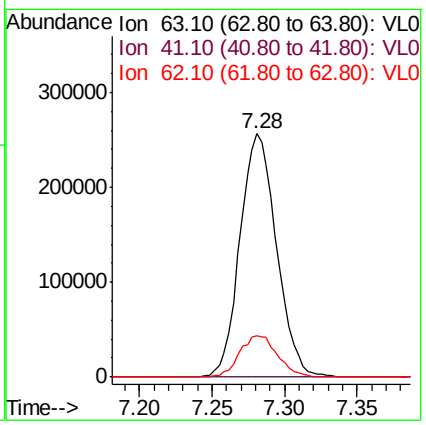


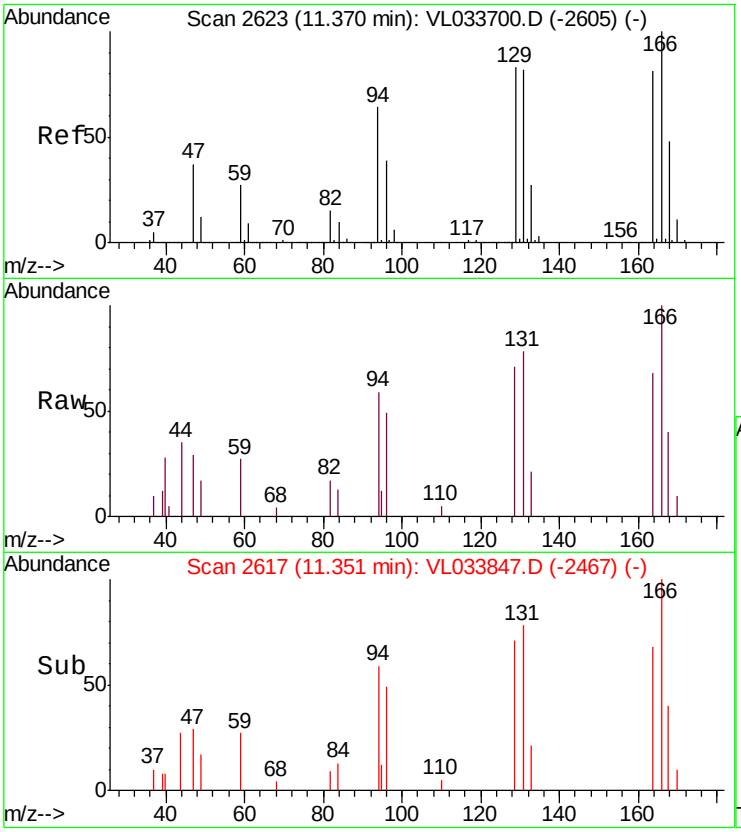


#39
1,2-Dichloropropane
Concen: 7.789 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.45 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 63 Resp: 449618

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.8	56.2	84.4#



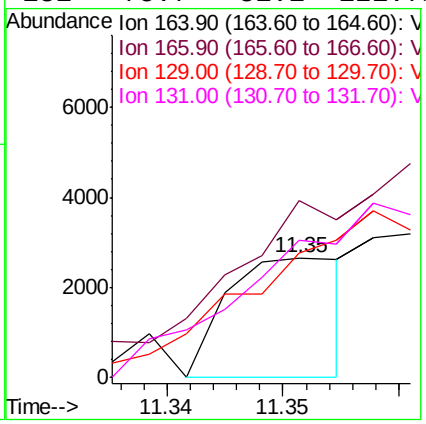


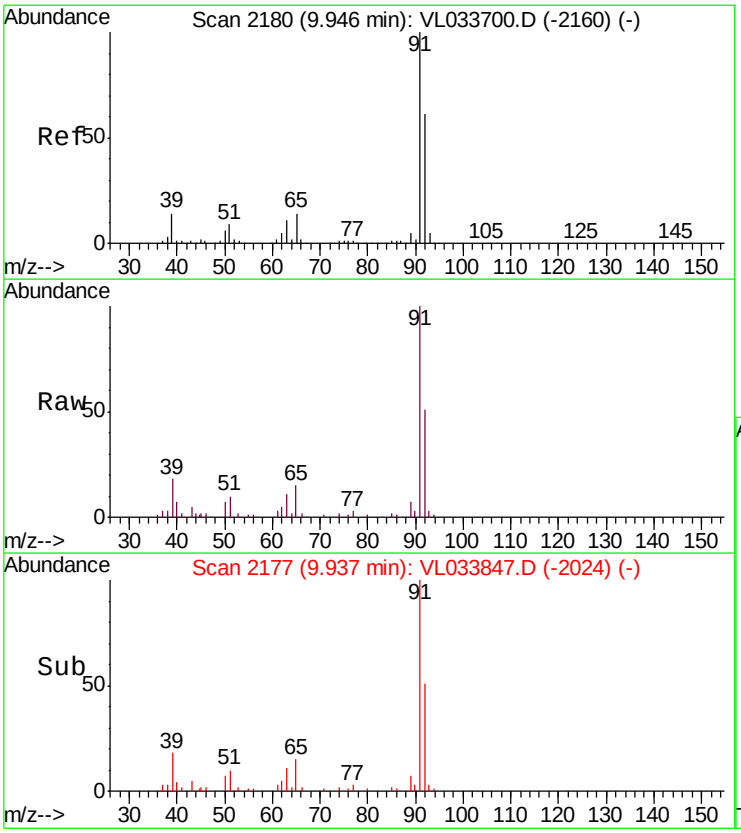
#52
Tetrachloroethene
Concen: 0.034 ppbv
RT: 11.35 min Scan# 2617
Delta R.T. -0.02 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0DL

Tgt Ion:164 Resp: 1871

Ion	Ratio	Lower	Upper
164	100		
166	98.0	98.9	148.3#
129	67.8	81.8	122.6#
131	75.7	81.1	121.7#

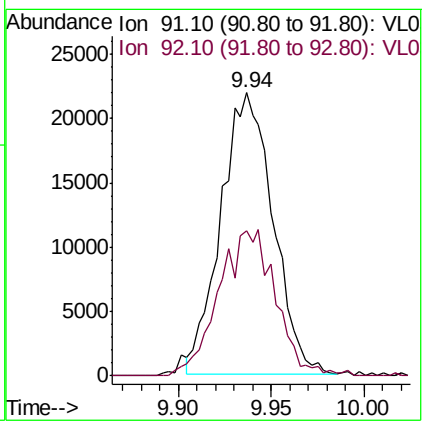


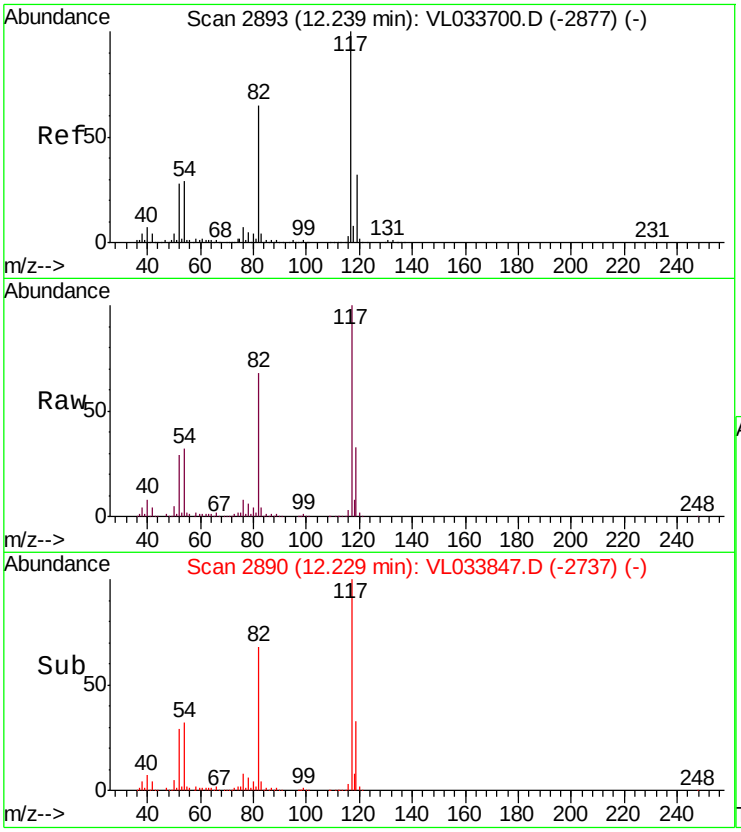


#53
Toluene
Concen: 0.256 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 91 Resp: 42729

Ion	Ratio	Lower	Upper
91	100		
92	56.9	47.6	71.4



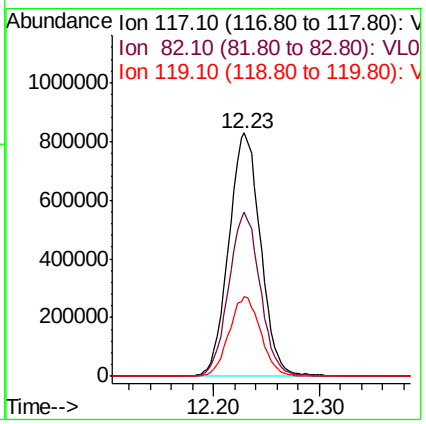


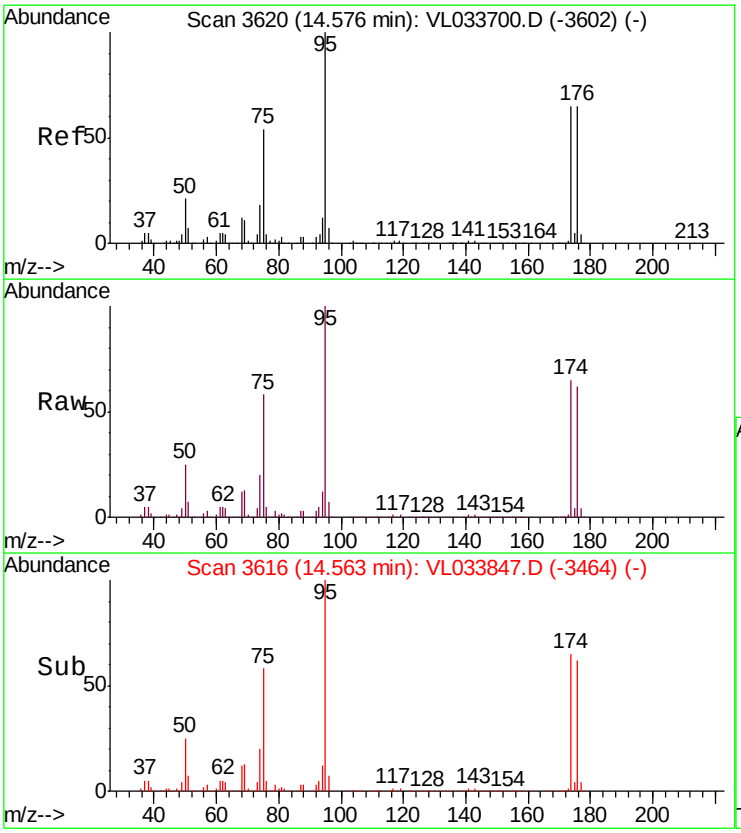
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Instrument : MSVOA_L
ClientSampleId : SG-15-20190522-0DL

Tgt Ion:117 Resp: 1734496

Ion	Ratio	Lower	Upper
117	100		
82	66.8	49.4	74.0
119	32.6	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.840 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033847.D
Acq: 29 May 2019 22:49

Tgt Ion: 95 Resp: 1383659

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.9	80.9
175	4.7	3.8	5.8