Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

Quantitation Report (Not Reviewed)

Data File : VL034155.D
Acq On : 10 Sep 2019 23:03
Operator : SY/AP
Sample : K4775-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Quant Time: Sep 11 01:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	652090	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	1224231	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.17	117	1224900	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1031448	10.30	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.94	51	2275	0.031	ppbv #	77
9) Propene	3.00	41	12125	0.298	ppbv	85
13) Ethanol	3.59	45	360	0.045	ppbv #	37
15) Acetone	3.85	43	497666	6.332	ppbv	99
16) 1,3-Butadiene	3.30	39	26257	0.660	ppbv #	18
19) Isopropyl Alcohol	4.00	45	11636	0.219	ppbv #	97
20) Methylene Chloride	4.35	84	11380	0.438	ppbv	86
25) Ethyl Acetate	5.73	43	6578	0.038	ppbv #	77
26) Hexane	5.72	57	4222	0.055	ppbv #	1
34) 2-Butanone	5.28	43	22731	0.193	ppbv #	62
36) Benzene	6.93	78	4722	0.034	ppbv #	87
39) 1,2-Dichloropropane	7.22	63	366171	6.115	ppbv #	24
53) Toluene	9.87	91	10063	0.065	ppbv	98

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

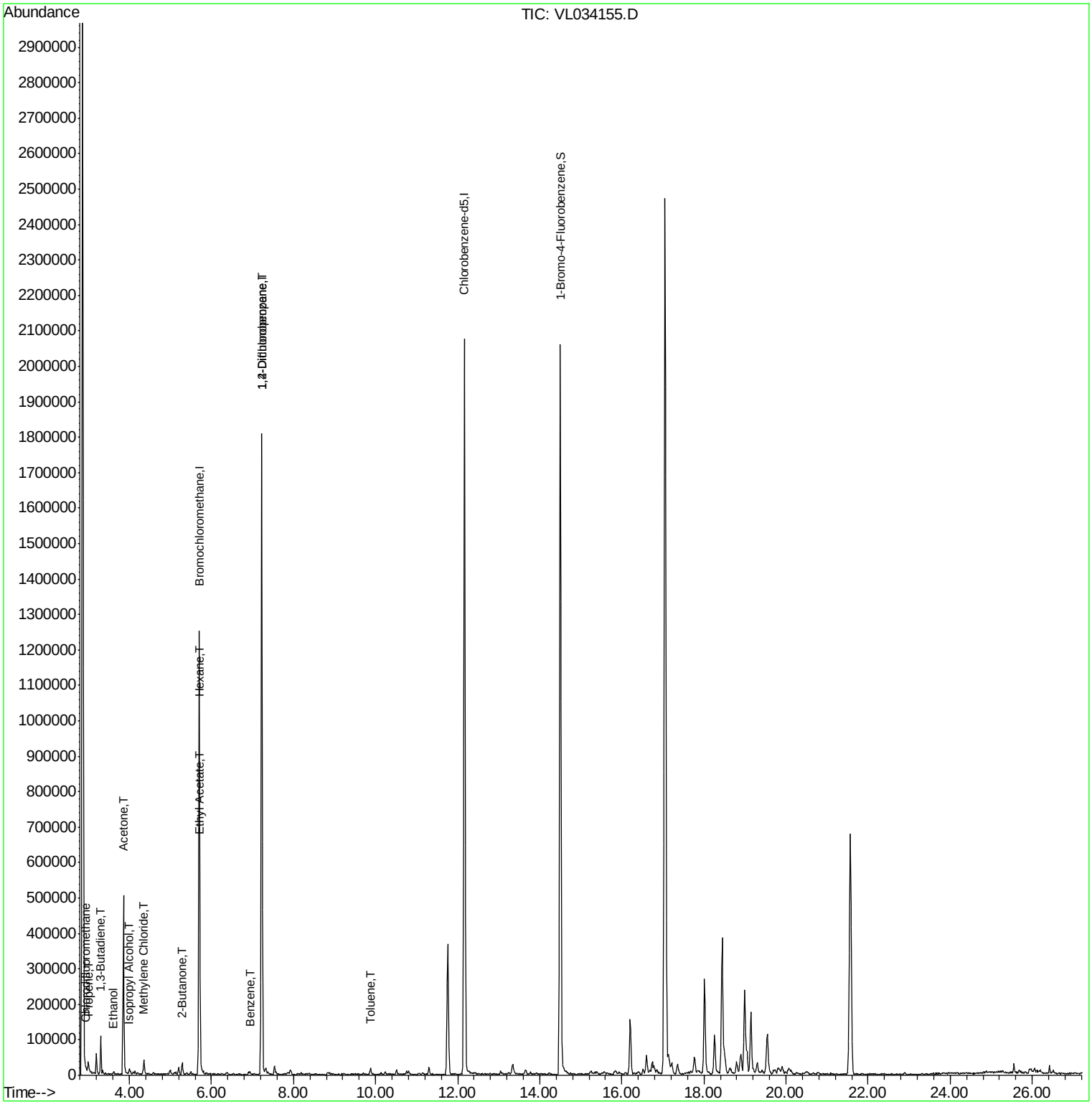
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

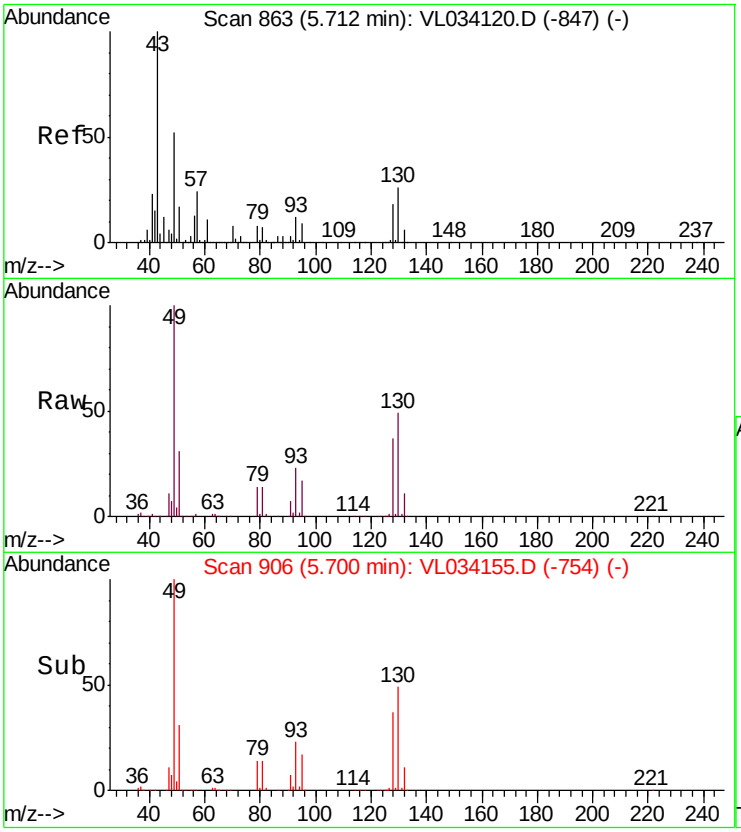
Quantitation Report (Not Reviewed)

Data File : VL034155.D
Acq On : 10 Sep 2019 23:03
Operator : SY/AP
Sample : K4775-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Quant Time: Sep 11 01:54:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



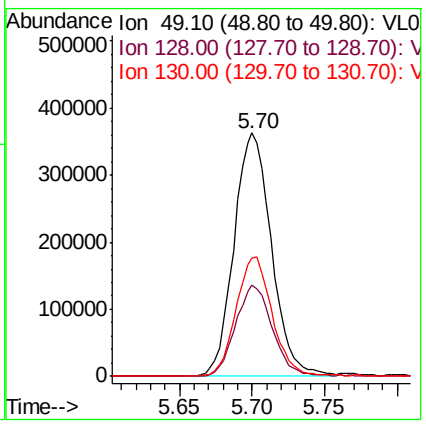


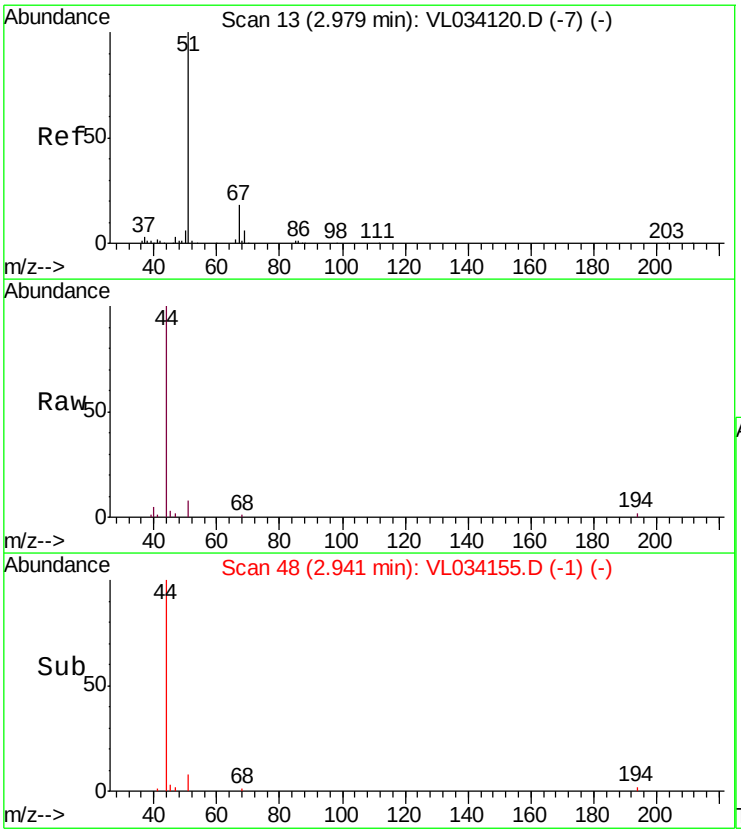
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tgt Ion: 49 Resp: 652090

Ion	Ratio	Lower	Upper
49	100		
128	37.0	18.4	55.0
130	47.9	23.5	70.6

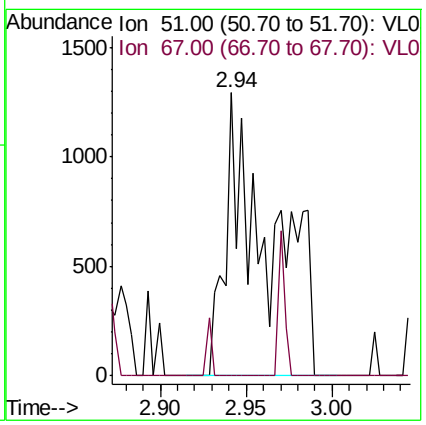


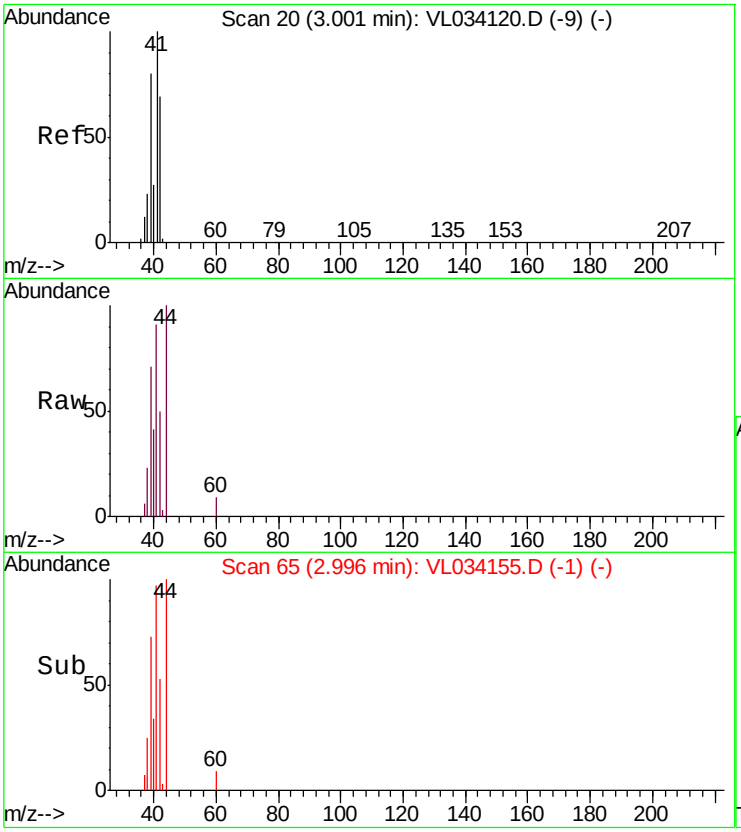


#3
Chlorodifluoromethane
Concen: 0.031 ppbv
RT: 2.94 min Scan# 48
Delta R.T. -0.04 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 51 Resp: 2275

Ion	Ratio	Lower	Upper
51	100		
67	7.5	14.2	21.4#



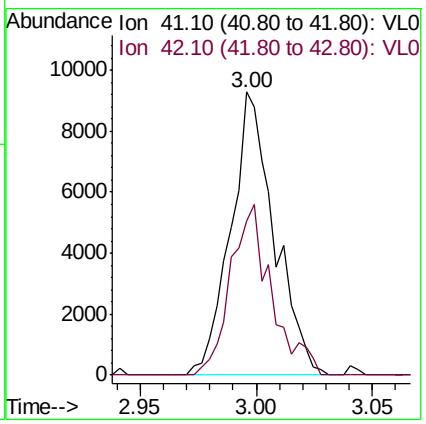


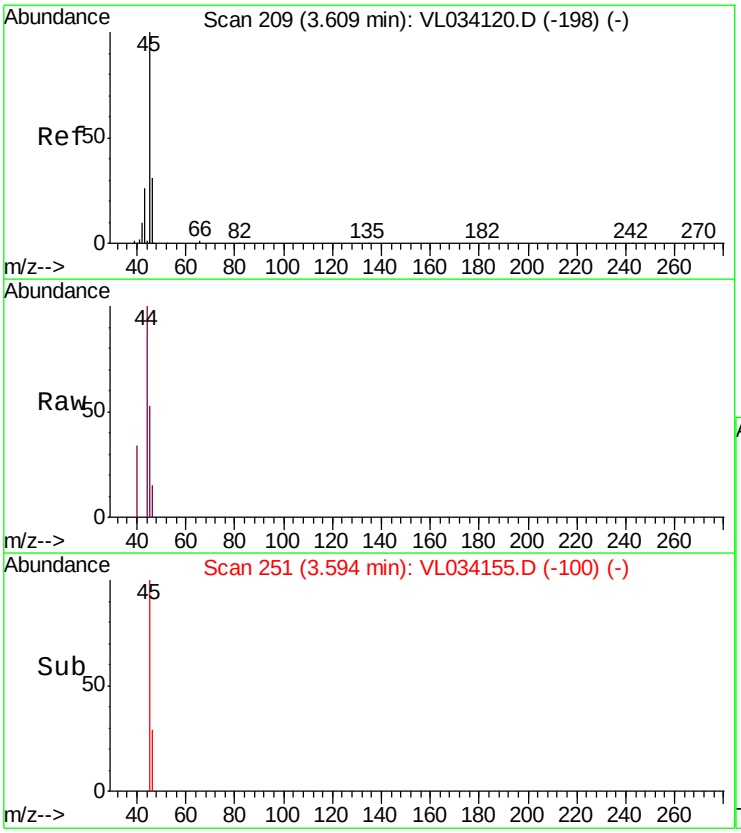
#9
Propene
Concen: 0.298 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tgt Ion: 41 Resp: 12125

Ion	Ratio	Lower	Upper
41	100		
42	56.4	54.6	81.8

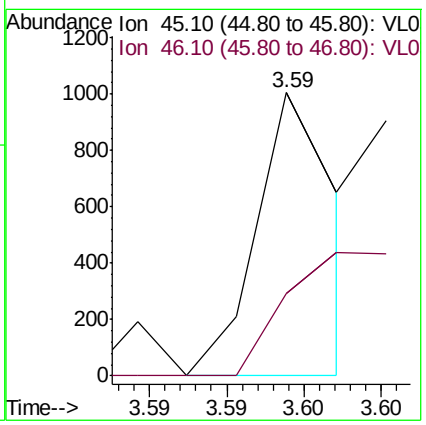


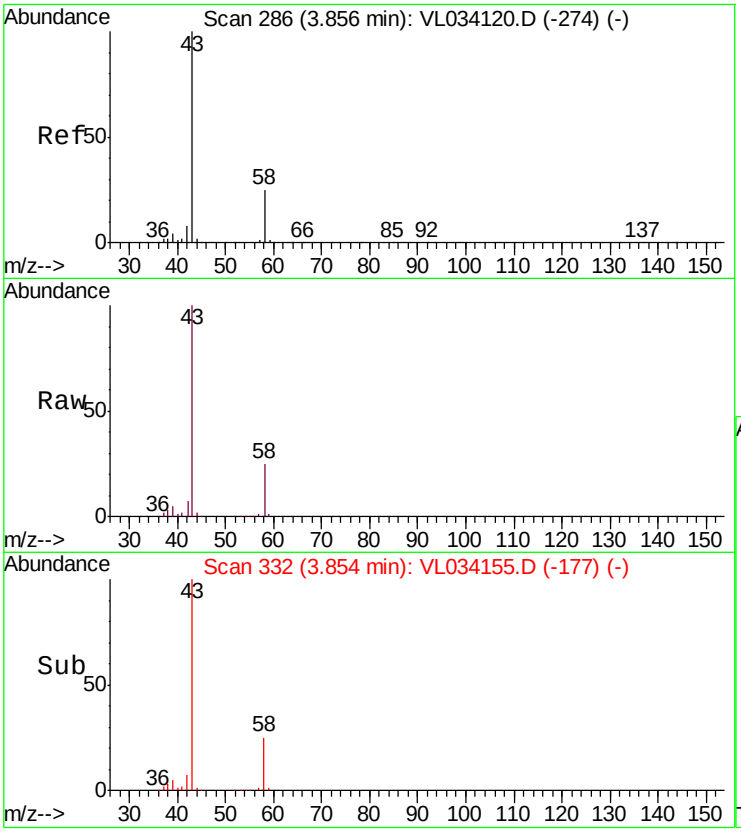


#13
Ethanol
Concen: 0.045 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 45 Resp: 360

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.0#



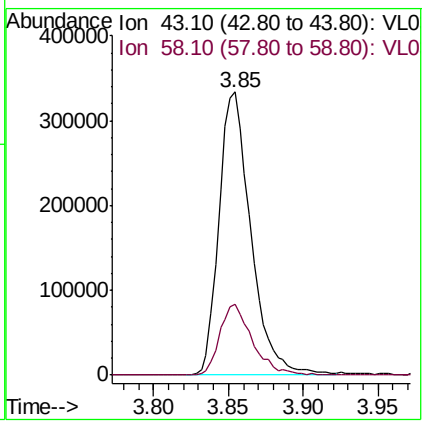


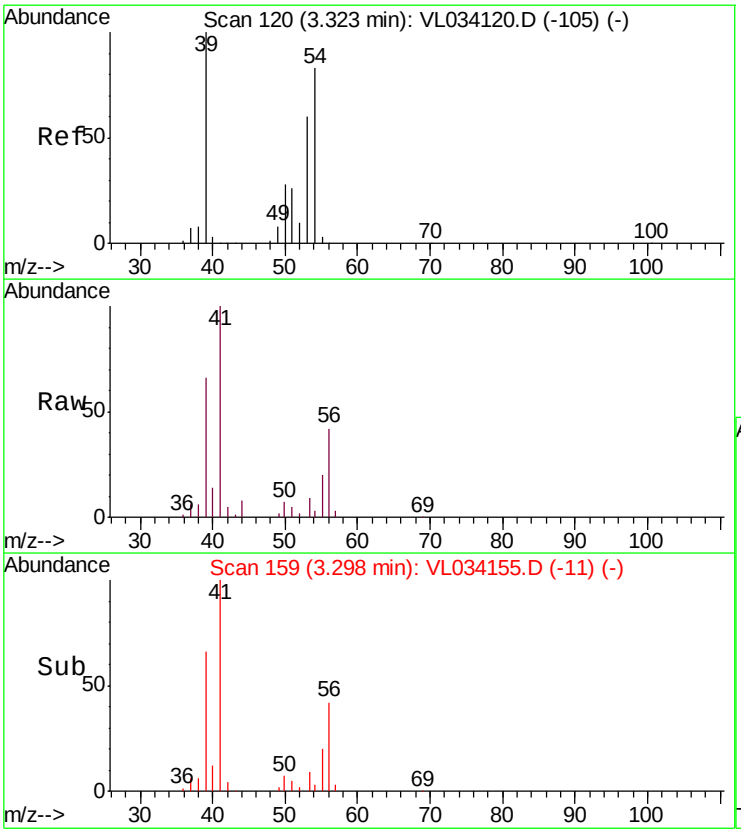
#15
Acetone
Concen: 6.332 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tgt Ion: 43 Resp: 497666

Ion	Ratio	Lower	Upper
43	100		
58	26.0	20.6	30.8

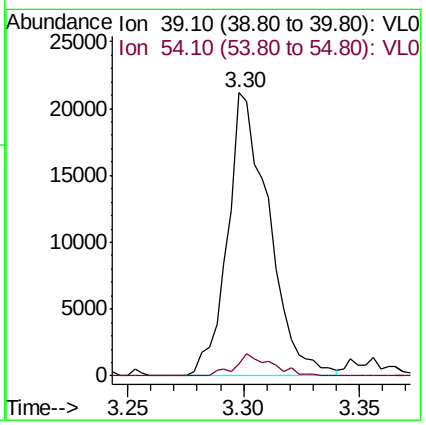


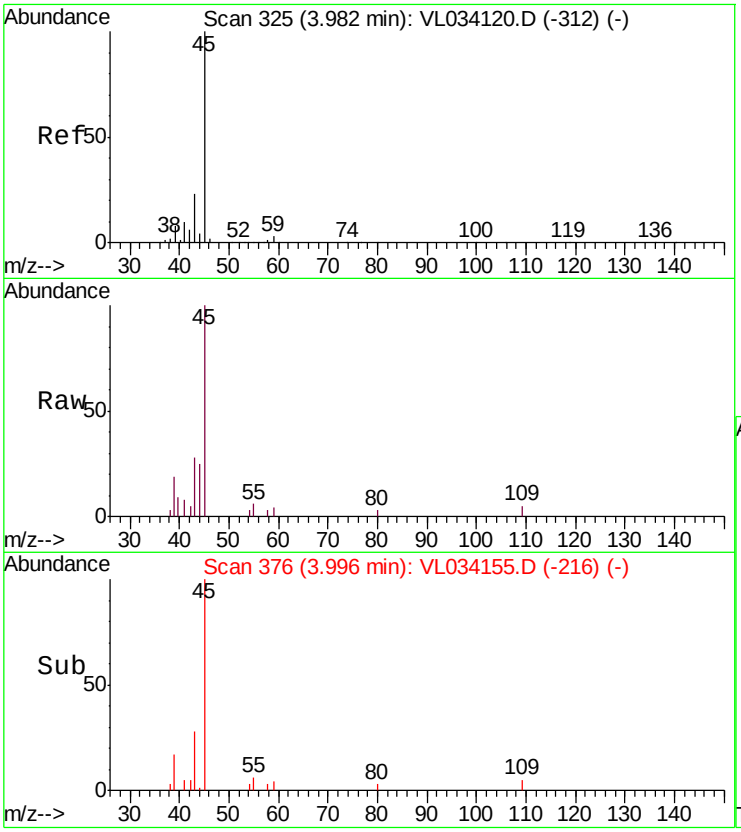


#16
1,3-Butadiene
Concen: 0.660 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.02 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 39 Resp: 26257

Ion	Ratio	Lower	Upper
39	100		
54	6.9	63.5	95.3#



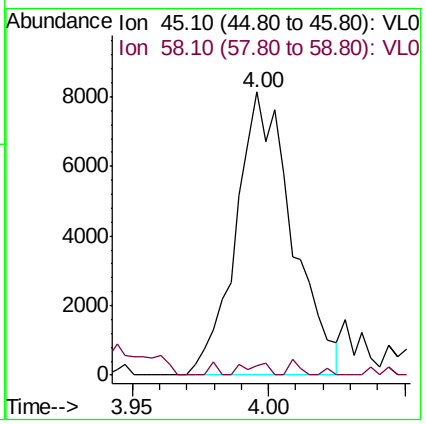


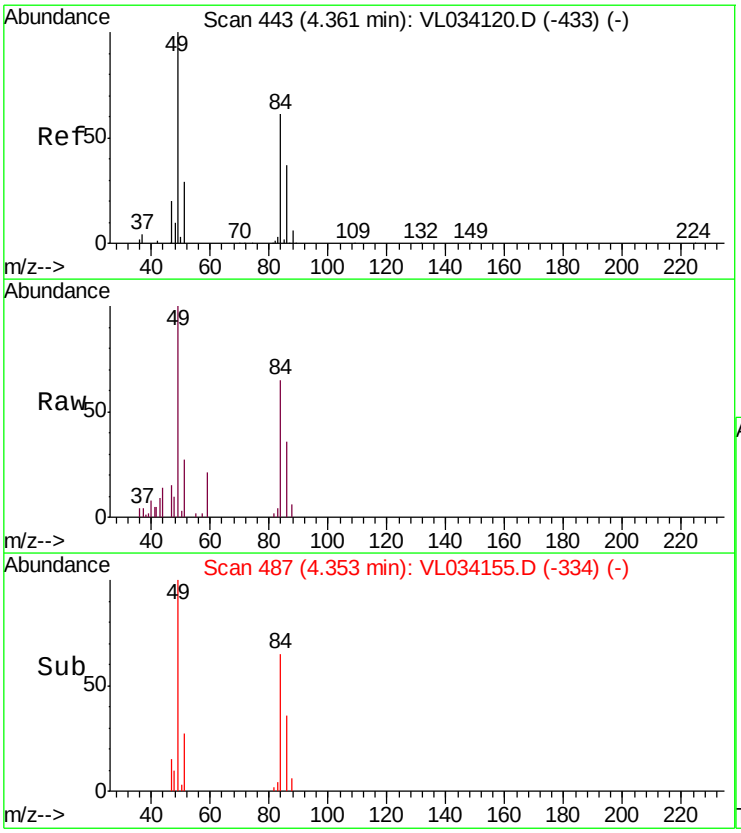
#19
Isopropyl Alcohol
Concen: 0.219 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Tgt Ion: 45 Resp: 11636

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.0	1.6#

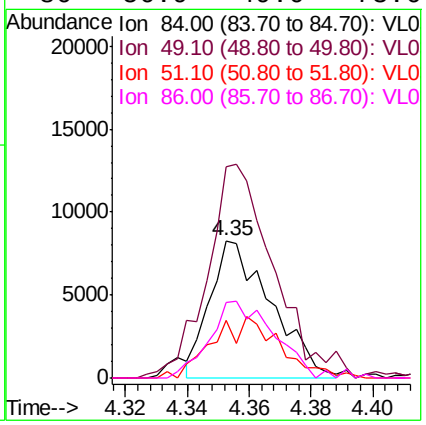


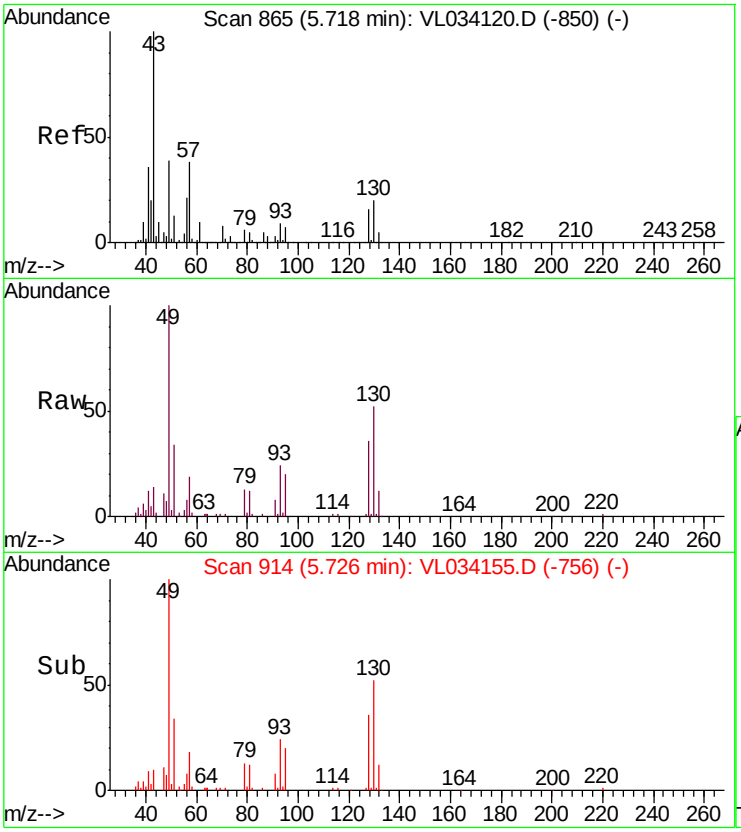


#20
Methylene Chloride
Concen: 0.438 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 84 Resp: 11380

Ion	Ratio	Lower	Upper
84	100		
49	138.7	131.0	196.6
51	41.6	38.1	57.1
86	56.9	49.0	73.6



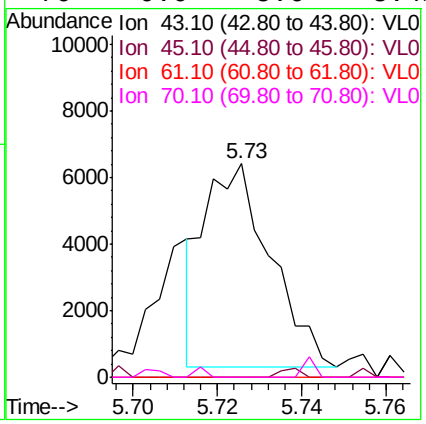


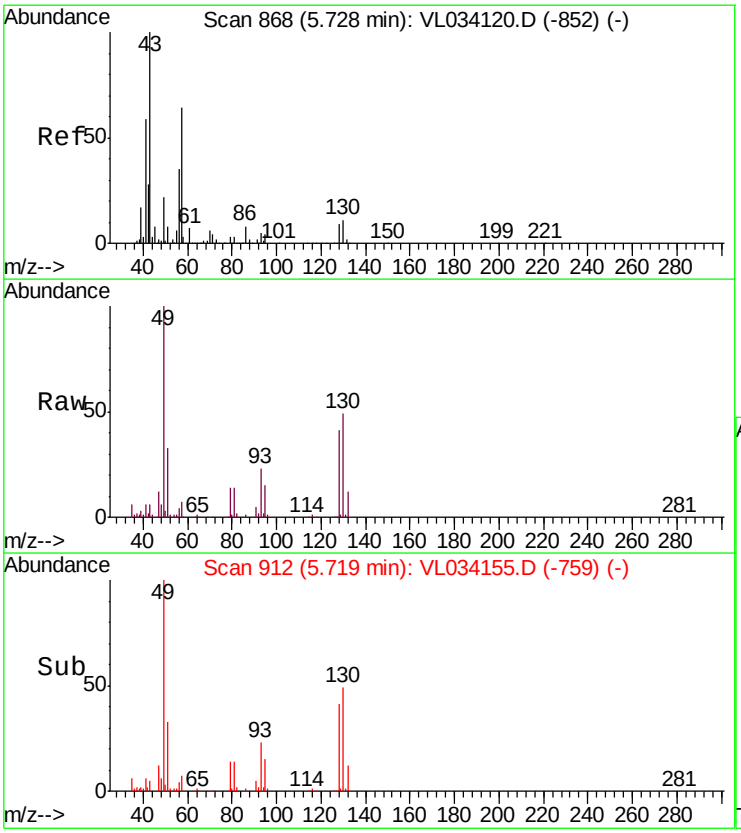
#25
Ethyl Acetate
Concen: 0.038 ppbv
RT: 5.73 min Scan# 914
Delta R.T. 0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Tgt Ion: 43 Resp: 6578

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.6	8.4#

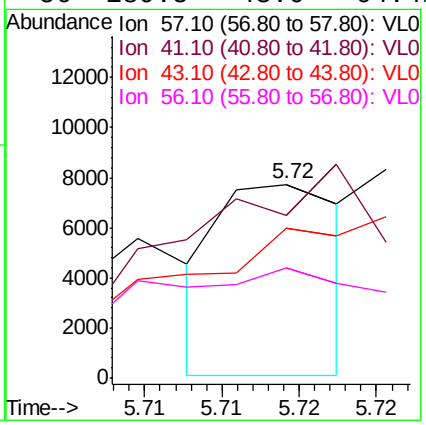


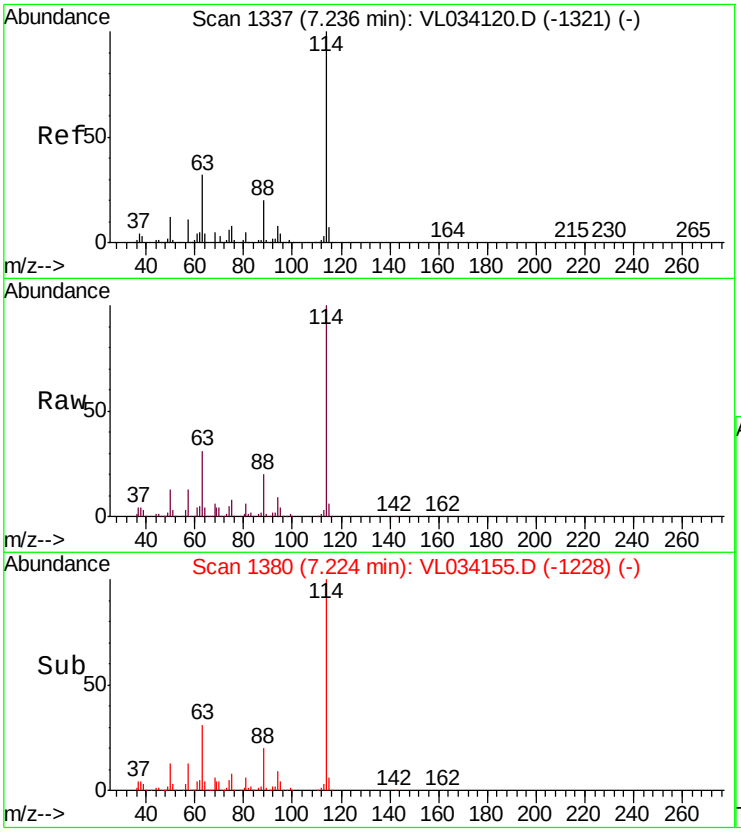


#26
Hexane
Concen: 0.055 ppbv
RT: 5.72 min Scan# 912
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 57 Resp: 4222

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.6	115.0#
43	0.0	189.2	283.8#
56	189.5	43.0	64.4#



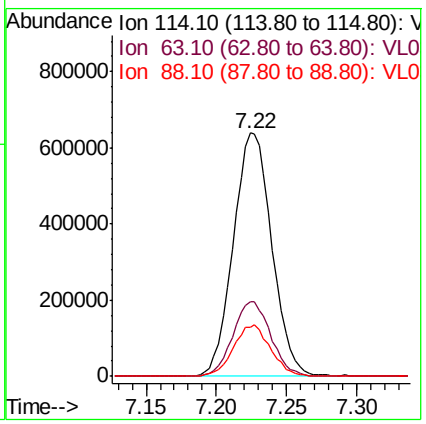


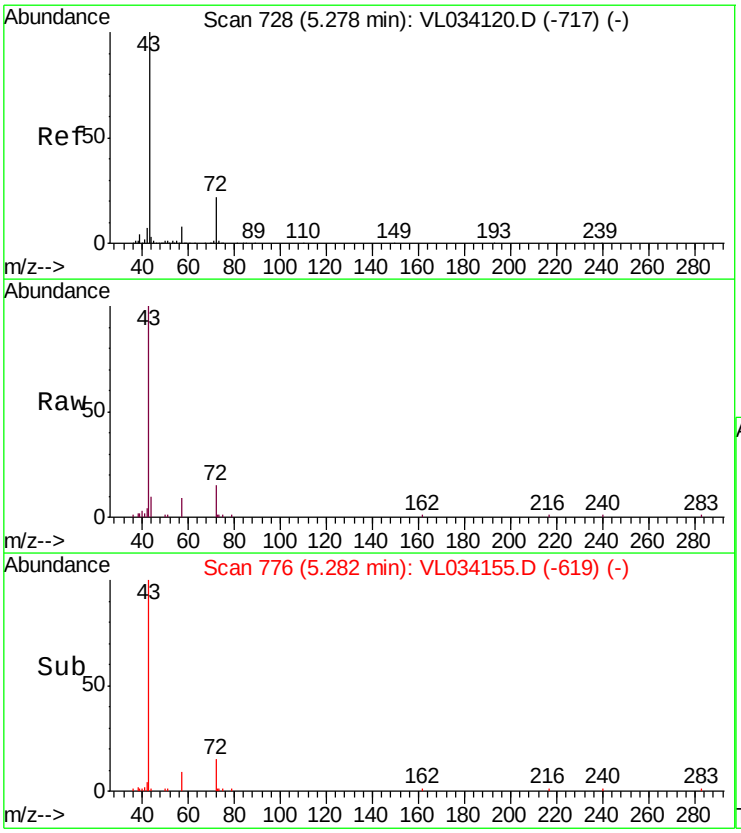
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tgt Ion:114 Resp: 1224231

Ion	Ratio	Lower	Upper
114	100		
63	30.4	25.5	38.3
88	20.5	16.8	25.2

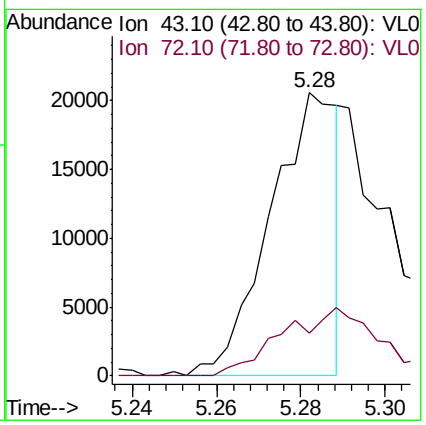


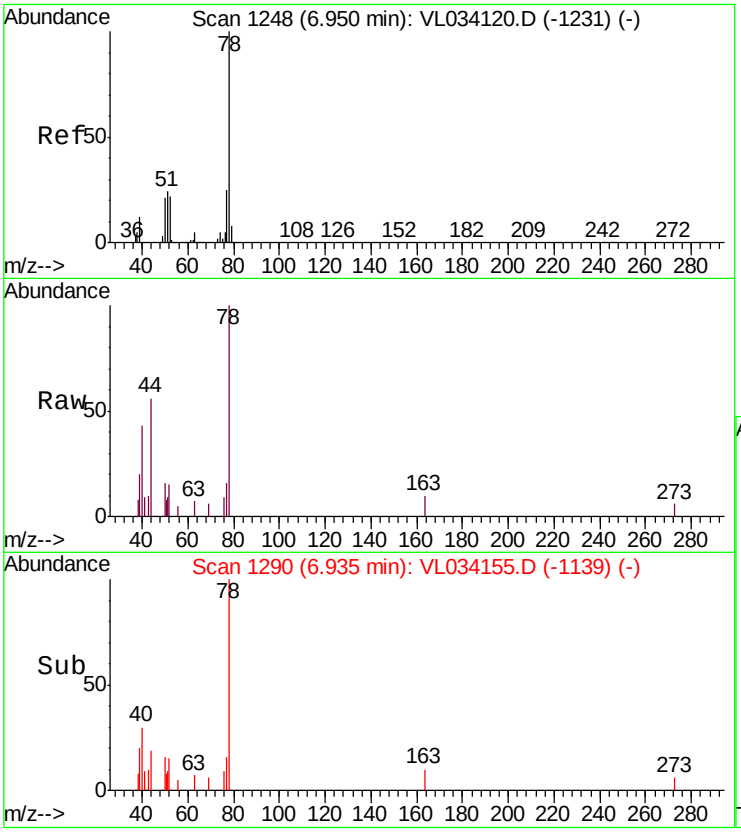


#34
2-Butanone
Concen: 0.193 ppbv
RT: 5.28 min Scan# 776
Delta R.T. 0.00 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 43 Resp: 22731

Ion	Ratio	Lower	Upper
43	100		
72	38.1	16.5	24.7#



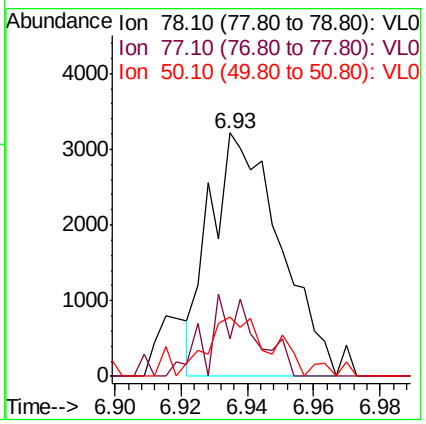


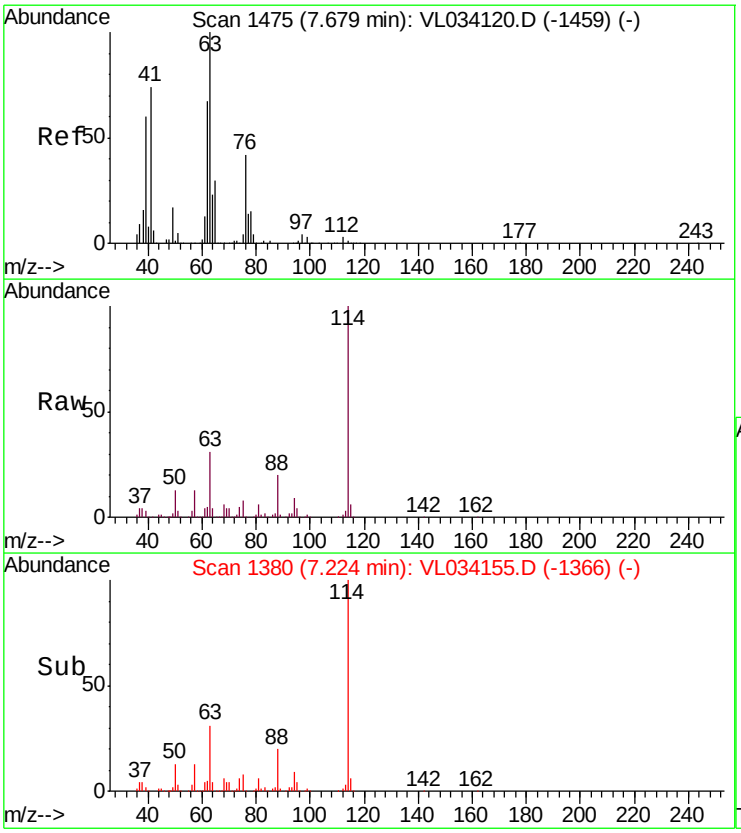
#36
Benzene
Concen: 0.034 ppbv
RT: 6.93 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Tgt Ion: 78 Resp: 4722

Ion	Ratio	Lower	Upper
78	100		
77	15.6	20.3	30.5#
50	24.1	16.9	25.3

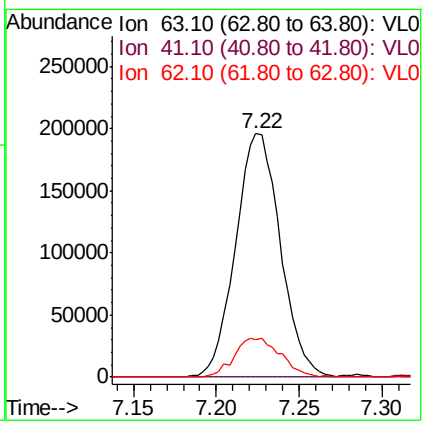


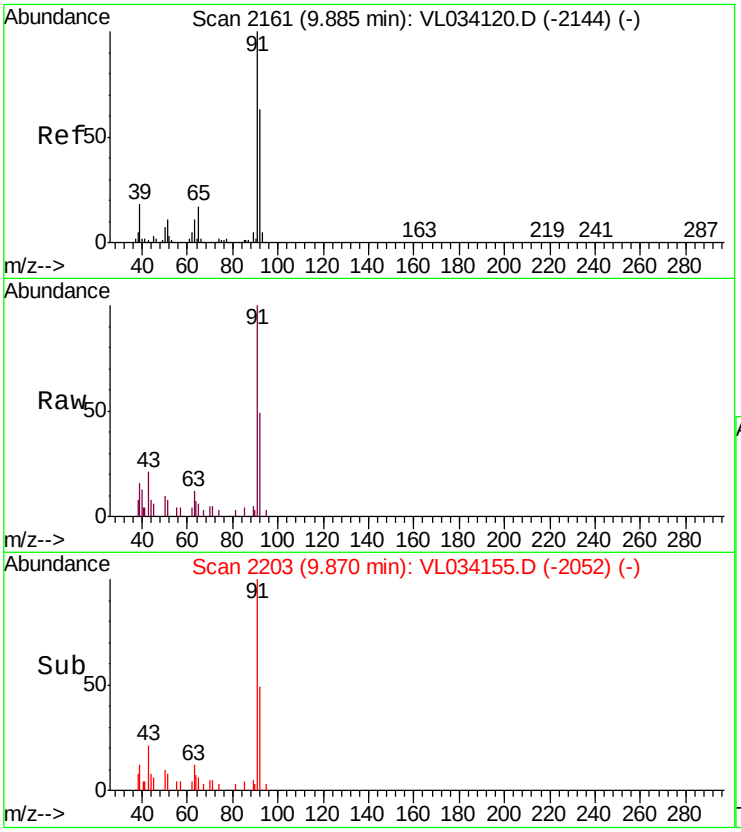


#39
1,2-Dichloropropane
Concen: 6.115 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.46 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 63 Resp: 366171

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.3	88.9#
62	15.6	53.8	80.6#



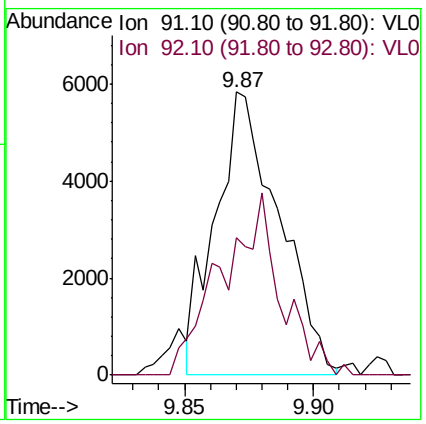


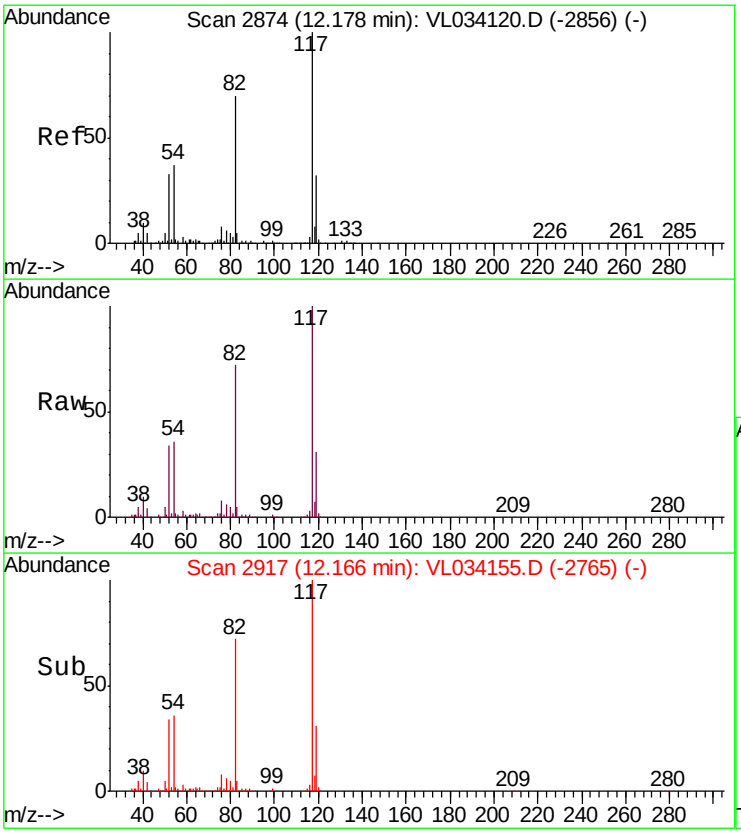
#53
Toluene
Concen: 0.065 ppbv
RT: 9.87 min Scan# 2203
Delta R.T. -0.02 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument : MSVOA_L
ClientSampleId : SV5DL2

Tgt Ion: 91 Resp: 10063

Ion	Ratio	Lower	Upper
91	100		
92	59.9	49.3	73.9

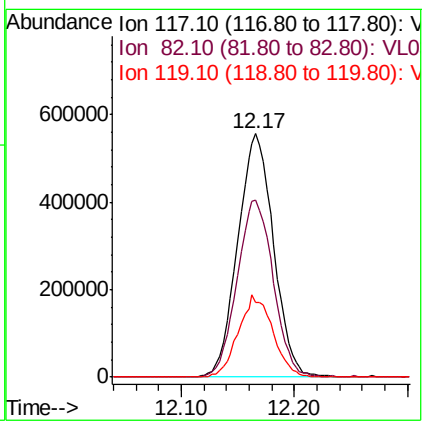


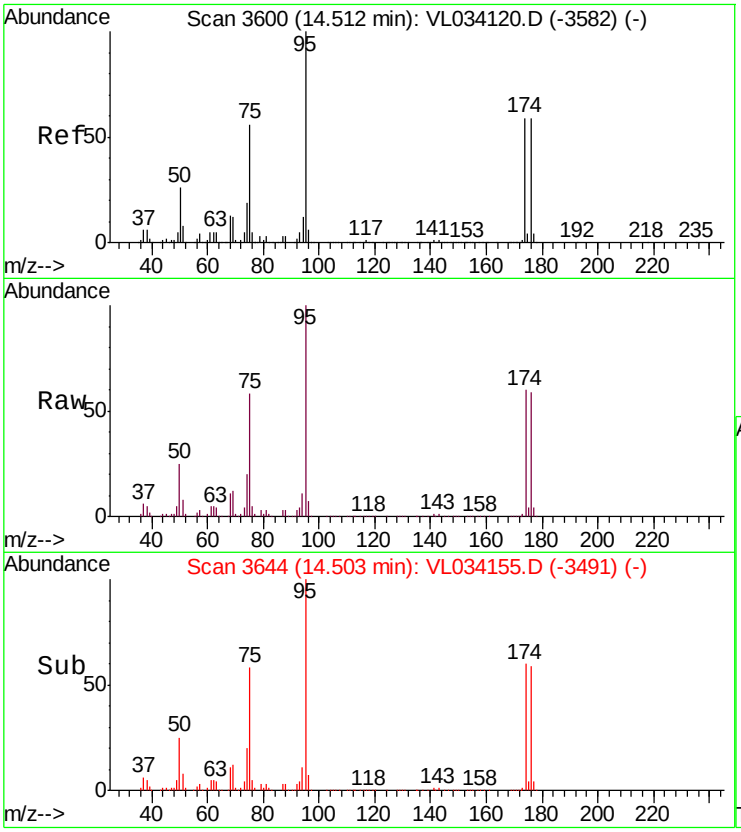


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion:117 Resp: 1224900

Ion	Ratio	Lower	Upper
117	100		
82	73.9	55.8	83.6
119	32.5	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tgt Ion: 95 Resp: 1031448

Ion	Ratio	Lower	Upper
95	100		
174	60.5	48.1	72.1
175	4.3	3.5	5.3