Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081219\
Data File : VL034108.D
Acq On : 12 Aug 2019 17:51
Operator : SY/AP
Sample : K4296-02 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SRS-0807-VI2

Quant Time: Aug 13 04:05:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 05 17:09:48 2019
QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1232270	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2253321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2318861	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	1990819	10.58	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	9932	0.065	ppbv #	78
3) Chlorodifluoromethane	3.02	51	15413	0.108	ppbv #	85
9) Propene	3.21	41	17809	0.212	ppbv	90
13) Ethanol	3.62	45	2985911	126.121	ppbv	99
15) Acetone	3.86	43	3033584	17.228	ppbv	96
17) tert-Butyl alcohol	3.99	59	52980	0.322	ppbv	99
19) Isopropyl Alcohol	3.99	45	1690125	12.327	ppbv #	65
20) Methylene Chloride	4.37	84	9488	0.180	ppbv #	87
21) Allyl Chloride	4.15	41	17256	0.142	ppbv #	83
25) Ethyl Acetate	5.72	43	105145	0.304	ppbv #	92
26) Hexane	5.74	57	5569	0.038	ppbv #	1
34) 2-Butanone	5.29	43	13526	0.065	ppbv	98
39) 1,2-Dichloropropane	7.24	63	685218	6.631	ppbv #	22
43) Methyl Methacrylate	8.08	69	193106	1.838	ppbv	92
53) Toluene	9.89	91	236839	0.801	ppbv	99

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

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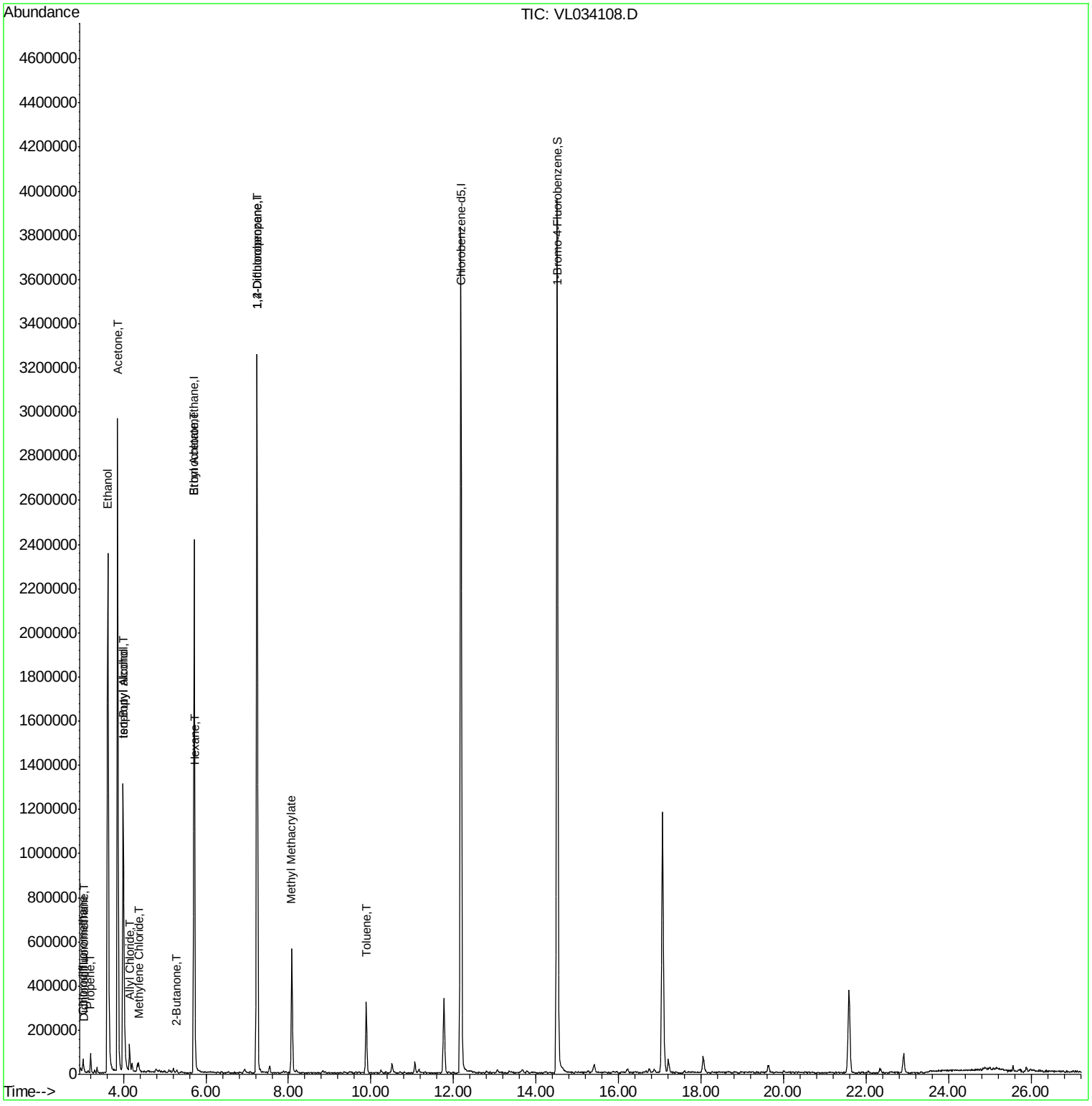
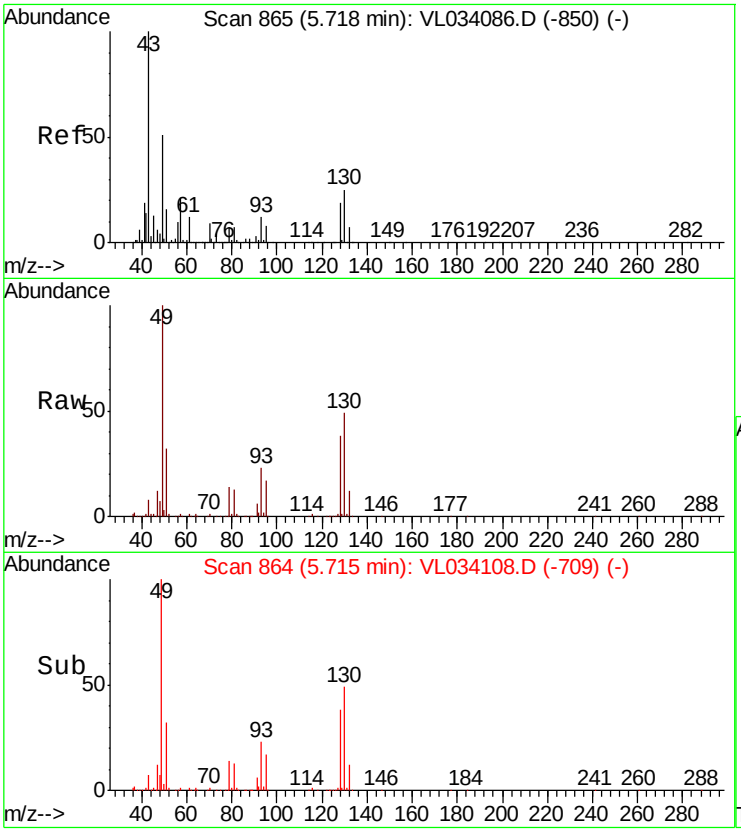


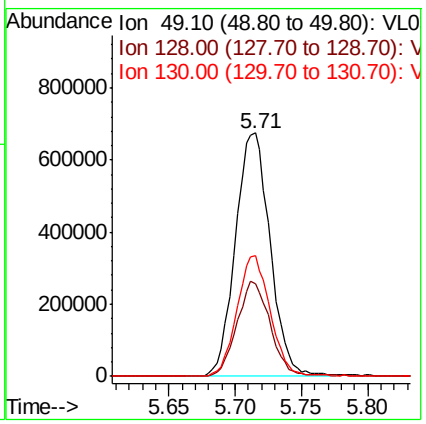


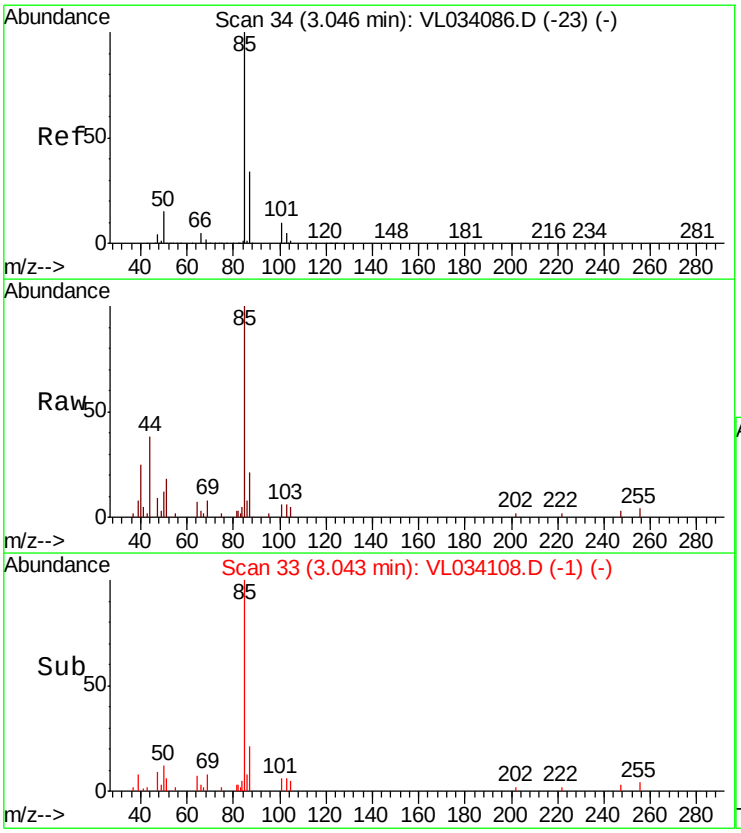
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 864
Delta R.T. -0.00 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion: 49 Resp: 1232270

Ion	Ratio	Lower	Upper
49	100		
128	37.6	19.5	58.5
130	47.7	25.4	76.0

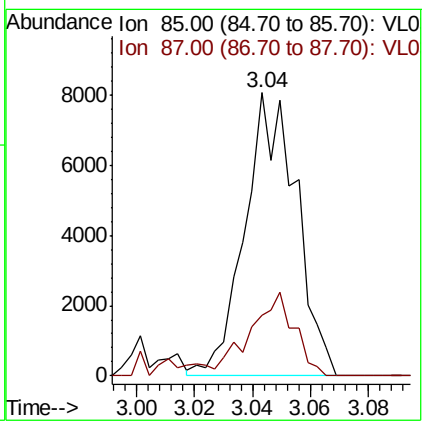


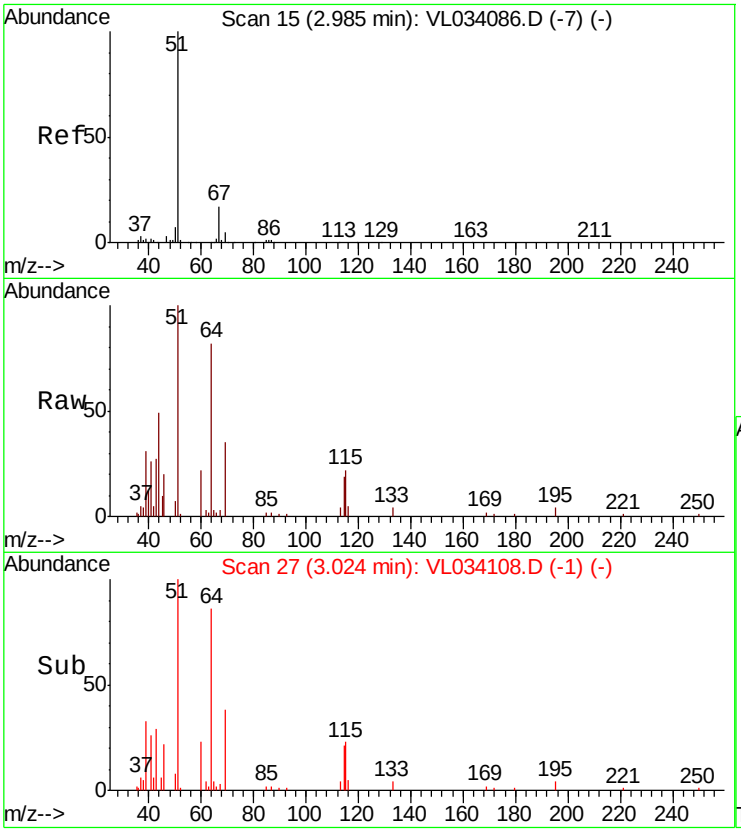


#2
Dichlorodifluoromethane
Concen: 0.065 ppbv
RT: 3.04 min Scan# 33
Delta R.T. -0.00 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 85 Resp: 9932

Ion	Ratio	Lower	Upper
85	100		
87	21.3	27.1	40.7#



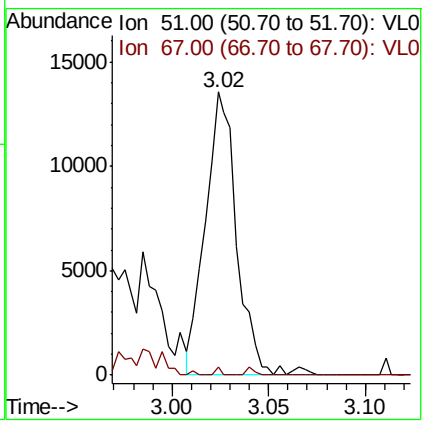


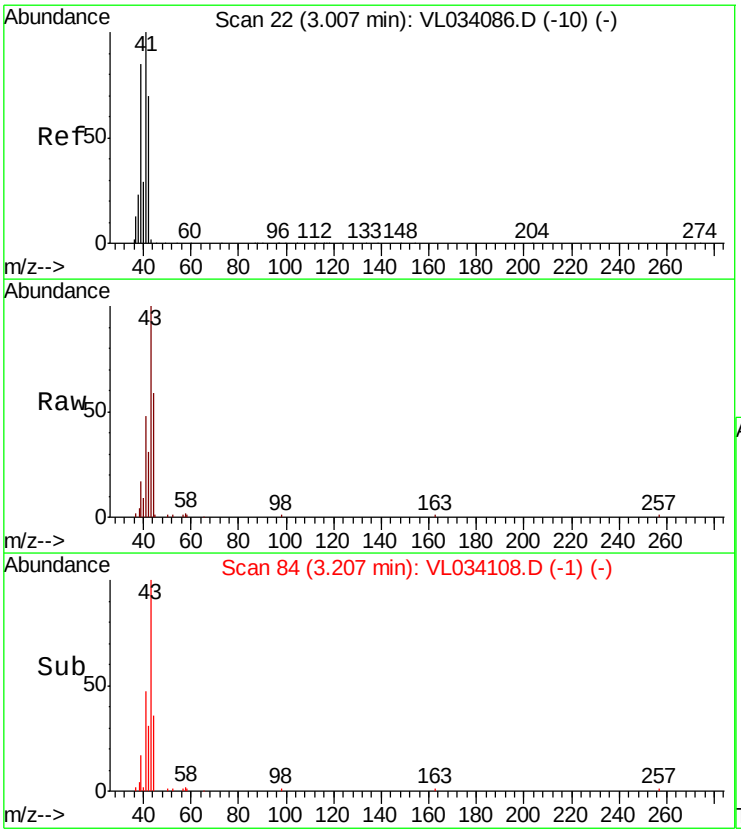
#3
Chlorodifluoromethane
Concen: 0.108 ppbv
RT: 3.02 min Scan# 27
Delta R.T. 0.04 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument : MSVOA_L
ClientSampleId : SRS-0807-VI2

Tgt Ion: 51 Resp: 15413

Ion	Ratio	Lower	Upper
51	100		
67	10.3	13.3	19.9#

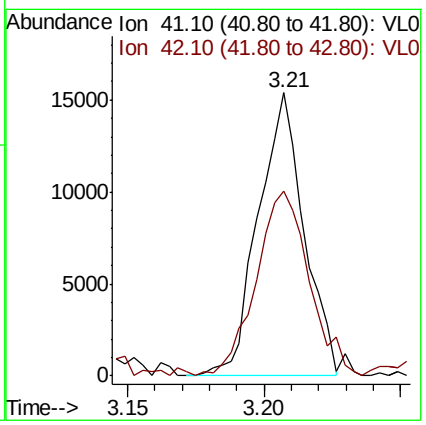


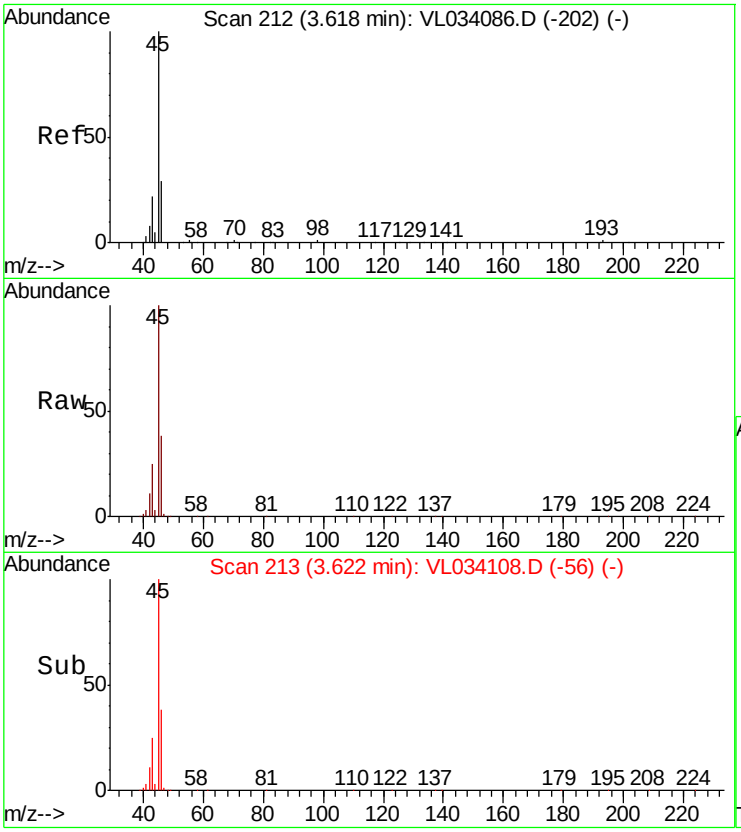


#9
Propene
Concen: 0.212 ppbv
RT: 3.21 min Scan# 84
Delta R.T. 0.20 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 41 Resp: 17809

Ion	Ratio	Lower	Upper
41	100		
42	78.3	55.8	83.6



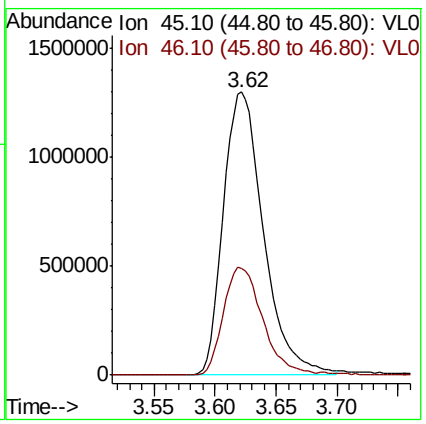


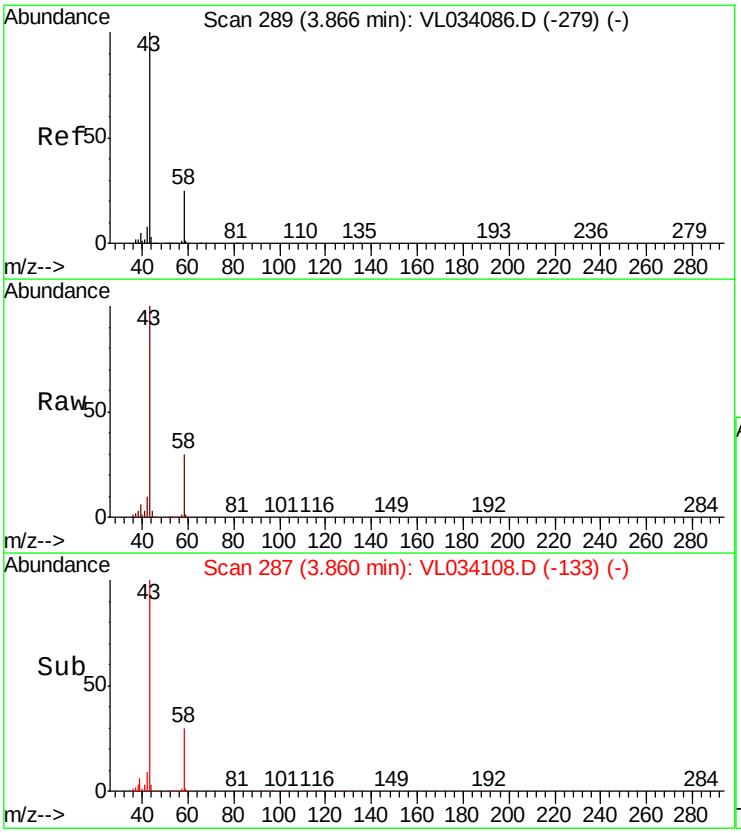
#13
Ethanol
Concen: 126.121 ppbv
RT: 3.62 min Scan# 213
Delta R.T. 0.00 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion: 45 Resp: 2985911

Ion	Ratio	Lower	Upper
45	100		
46	38.0	14.9	59.5

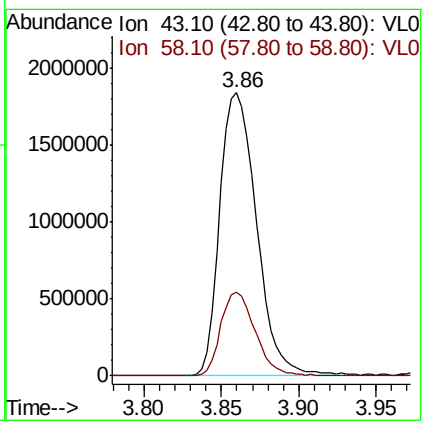


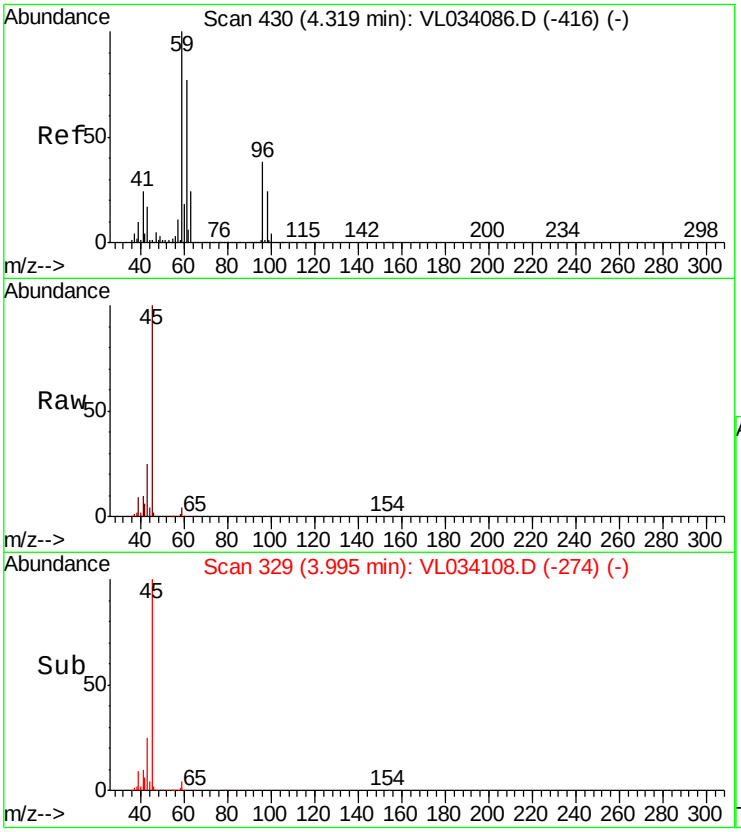


#15
Acetone
Concen: 17.228 ppbv
RT: 3.86 min Scan# 287
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 43 Resp: 3033584

Ion	Ratio	Lower	Upper
43	100		
58	28.0	20.6	30.8



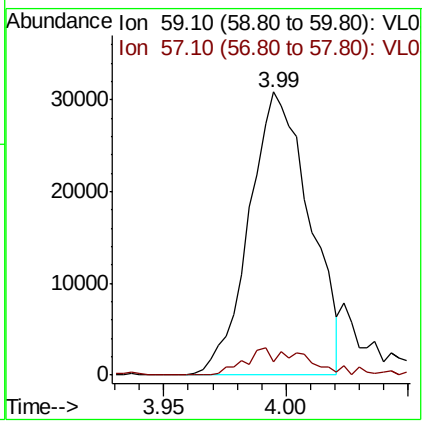


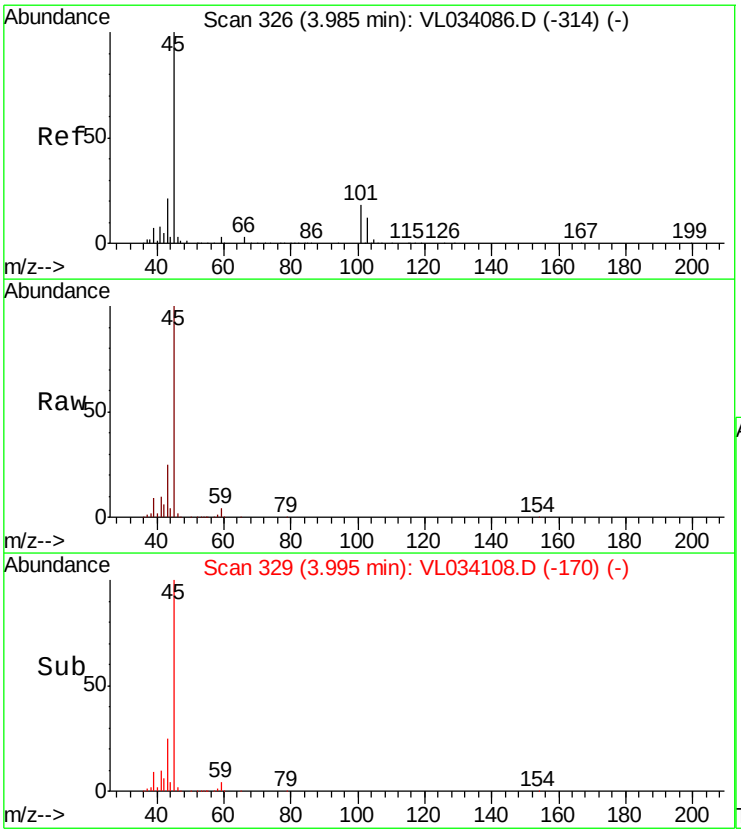
#17
tert-Butyl alcohol
Concen: 0.322 ppbv
RT: 3.99 min Scan# 329
Delta R.T. -0.32 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion: 59 Resp: 52980

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

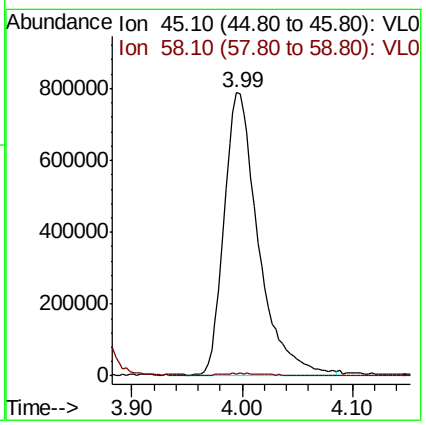


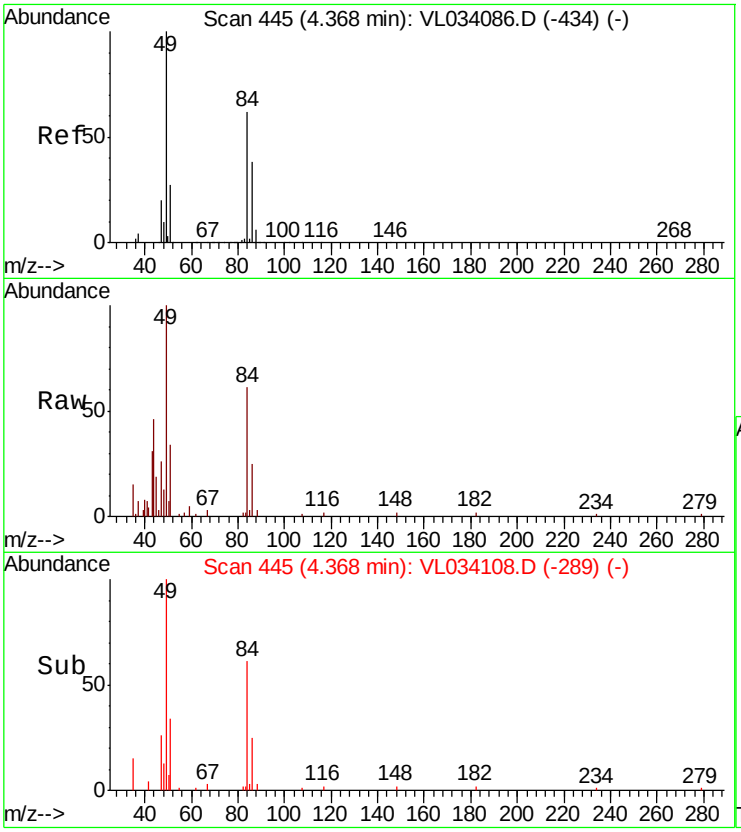


#19
Isopropyl Alcohol
Concen: 12.327 ppbv
RT: 3.99 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 45 Resp: 1690125

Ion	Ratio	Lower	Upper
45	100		
58	50.2	24.6	37.0#



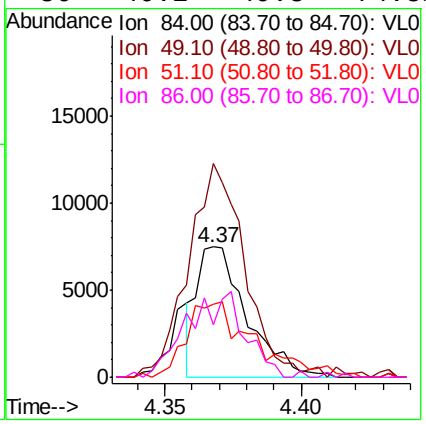


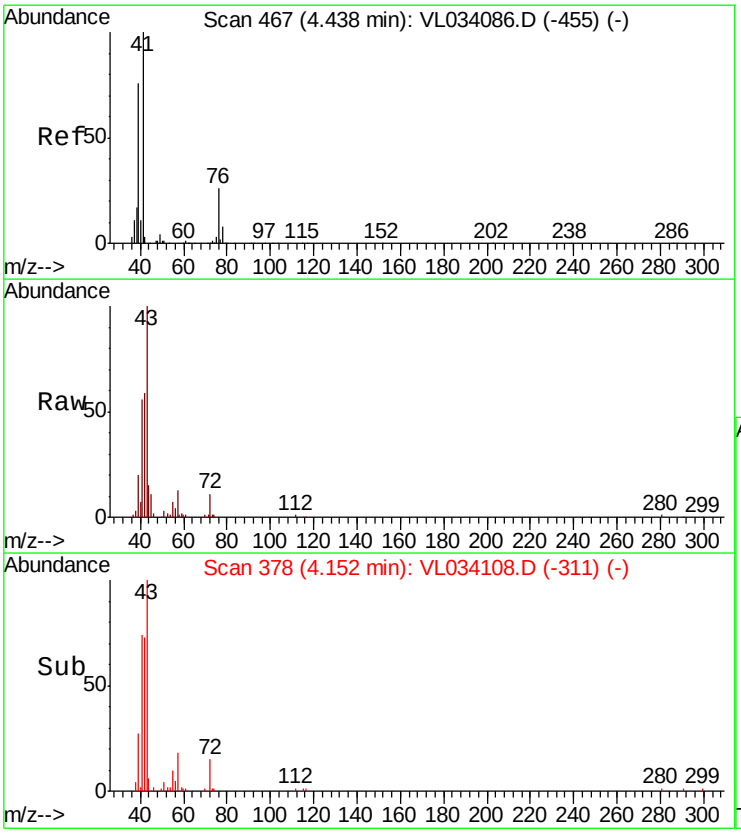
#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument : MSVOA_L
ClientSampleId : SRS-0807-VI2

Tgt Ion: 84 Resp: 9488

Ion	Ratio	Lower	Upper
84	100		
49	151.7	129.7	194.5
51	52.8	35.8	53.8
86	40.2	49.8	74.8#

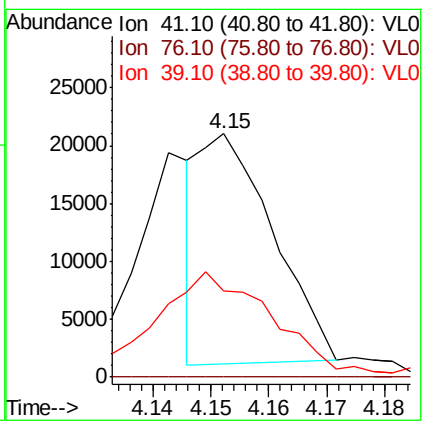


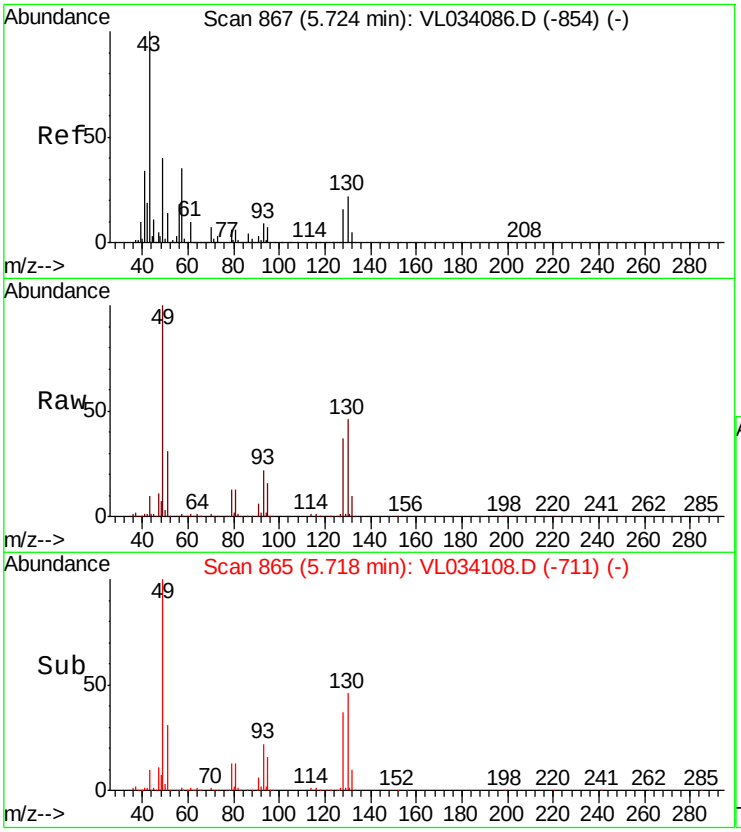


#21
Allyl Chloride
Concen: 0.142 ppbv
RT: 4.15 min Scan# 378
Delta R.T. -0.29 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 41 Resp: 17256

Ion	Ratio	Lower	Upper
41	100		
76	0.0	20.8	31.2#
39	72.1	61.3	91.9



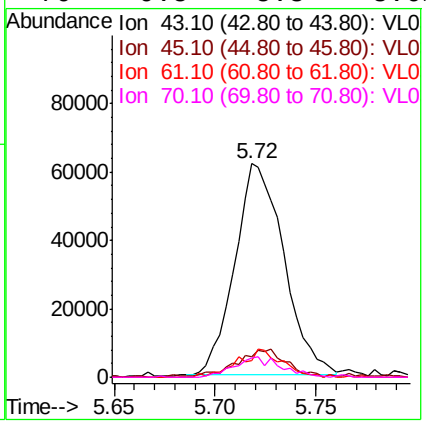


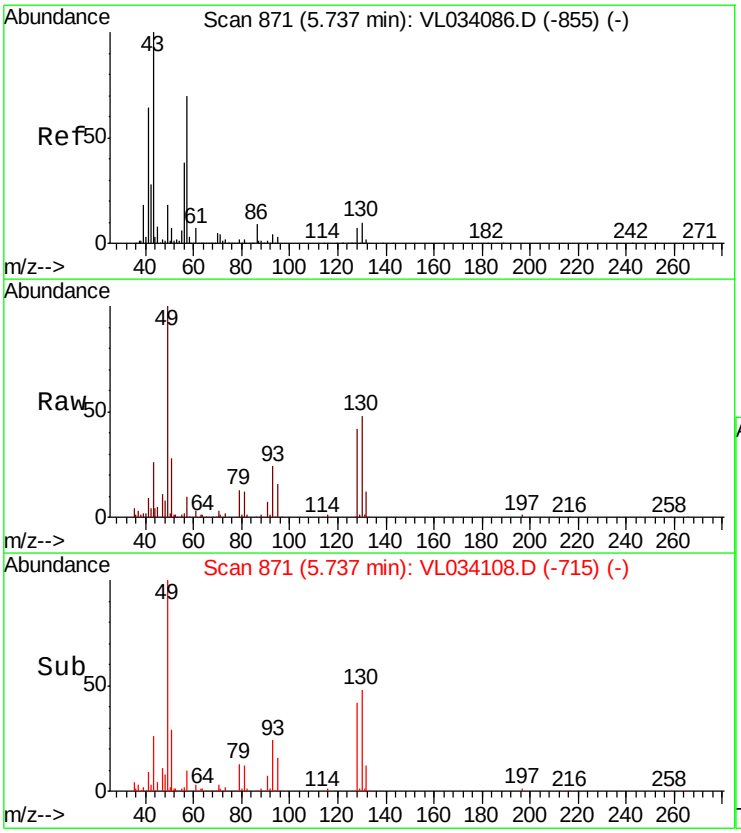
#25
Ethyl Acetate
Concen: 0.304 ppbv
RT: 5.72 min Scan# 865
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument : MSVOA_L
ClientSampleId : SRS-0807-VI2

Tgt Ion: 43 Resp: 105145

Ion	Ratio	Lower	Upper
43	100		
45	14.1	8.4	12.6#
61	12.0	7.3	10.9#
70	9.5	5.8	8.6#

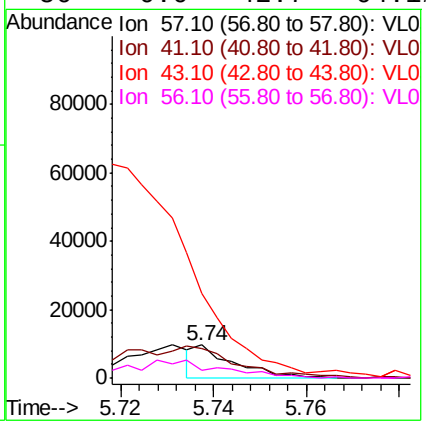


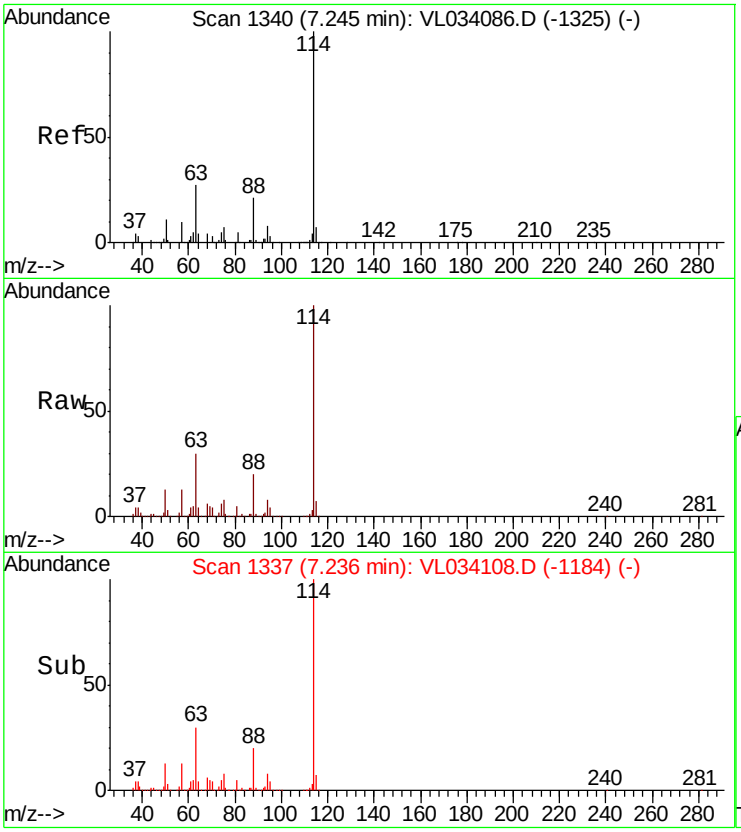


#26
Hexane
Concen: 0.038 ppbv
RT: 5.74 min Scan# 871
Delta R.T. 0.00 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 57 Resp: 5569

Ion	Ratio	Lower	Upper
57	100		
41	314.9	75.7	113.5#
43	0.0	189.8	284.8#
56	0.0	42.7	64.1#



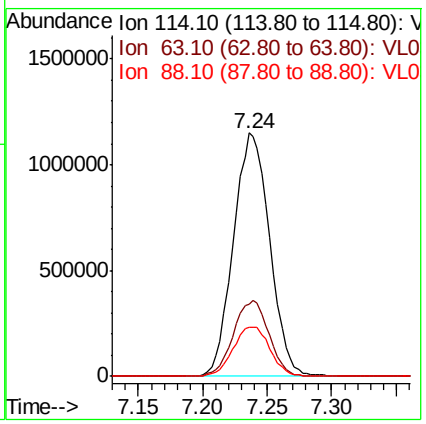


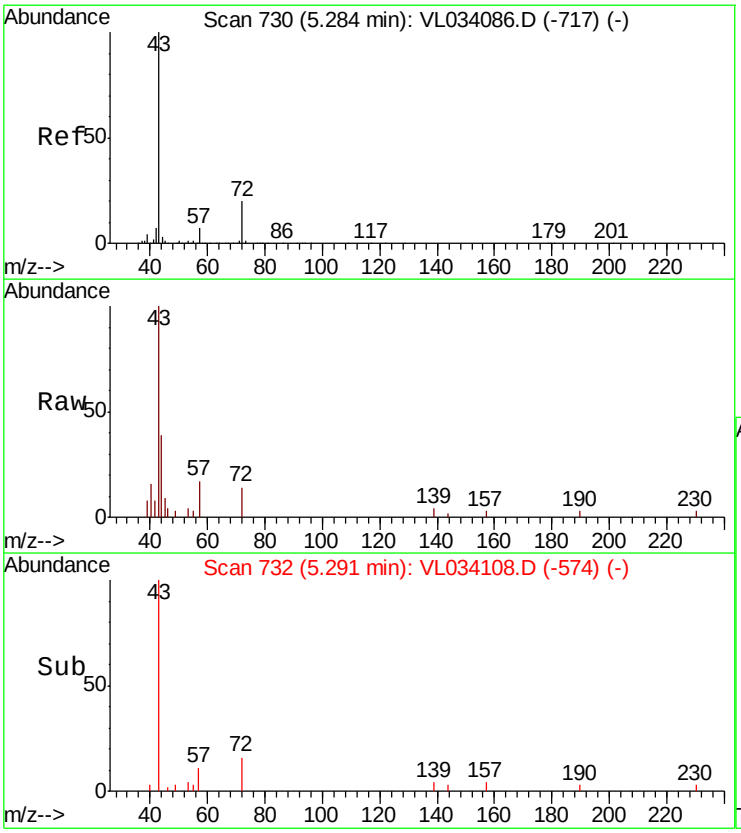
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion:114 Resp: 2253321

Ion	Ratio	Lower	Upper
114	100		
63	30.6	22.5	33.7
88	20.6	15.7	23.5

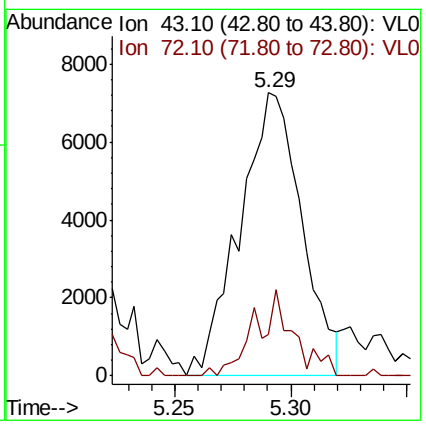


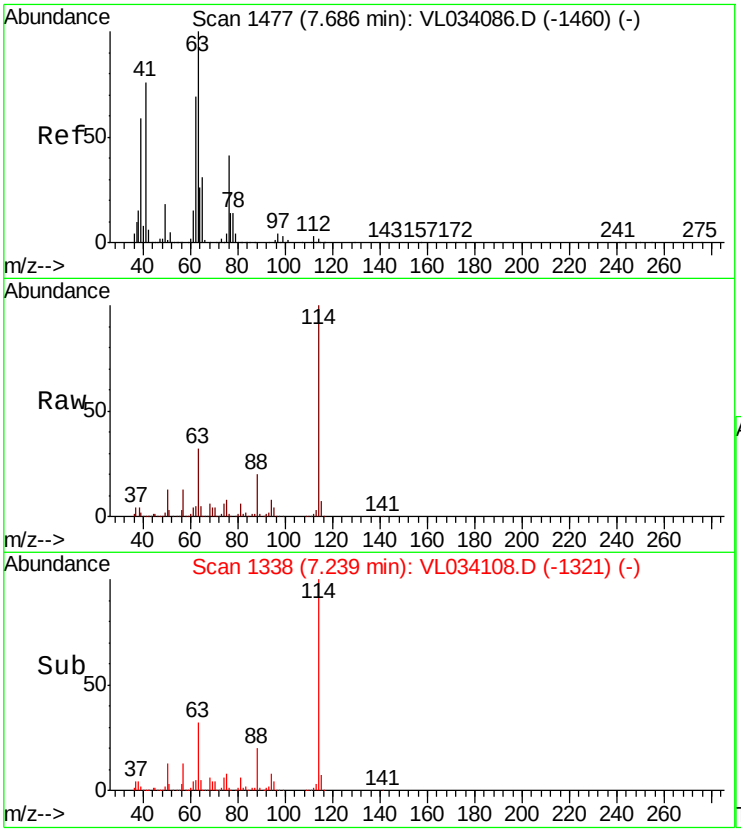


#34
2-Butanone
Concen: 0.065 ppbv
RT: 5.29 min Scan# 732
Delta R.T. 0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 43 Resp: 13526

Ion	Ratio	Lower	Upper
43	100		
72	19.2	16.0	24.0



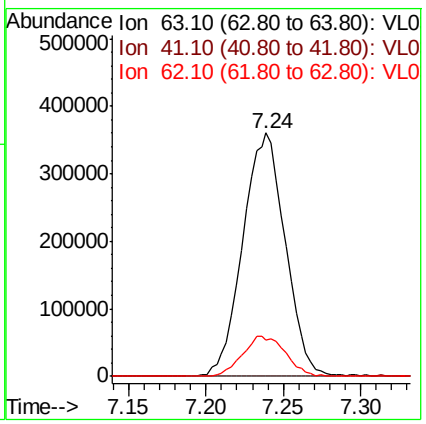


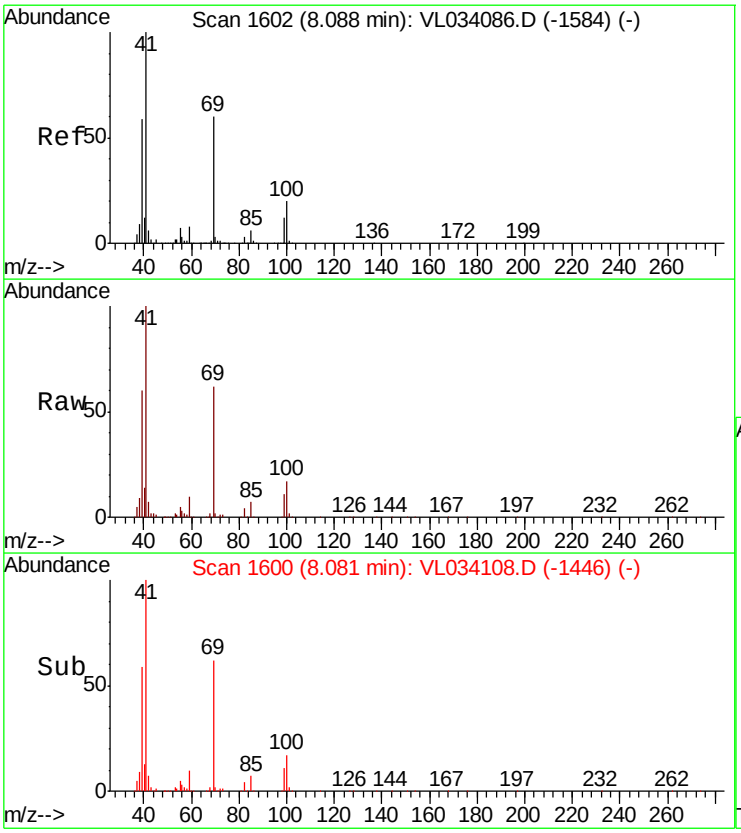
#39
1,2-Dichloropropane
Concen: 6.631 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.45 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument : MSVOA_L
ClientSampleId : SRS-0807-VI2

Tgt Ion: 63 Resp: 685218

Ion	Ratio	Lower	Upper
63	100		
41	0.3	60.6	91.0#
62	14.9	55.0	82.6#

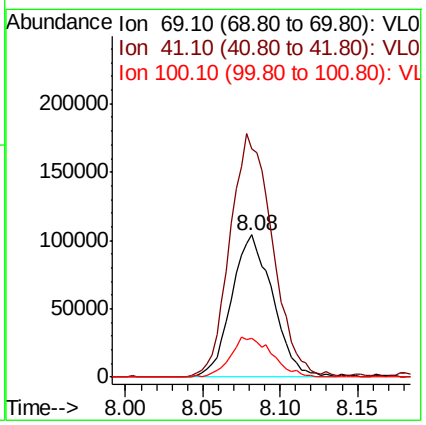


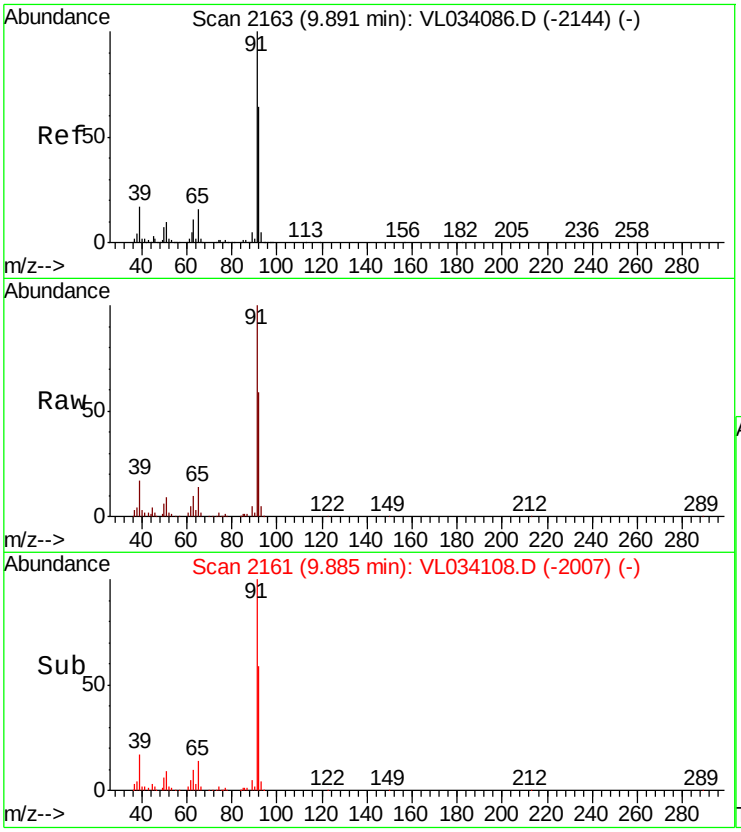


#43
Methyl Methacrylate
Concen: 1.838 ppbv
RT: 8.08 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 69 Resp: 193106

Ion	Ratio	Lower	Upper
69	100		
41	177.5	132.9	199.3
100	28.6	25.8	38.8



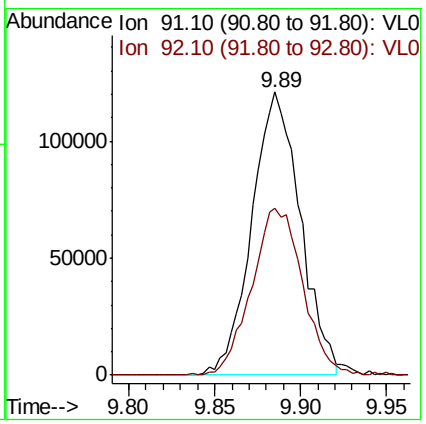


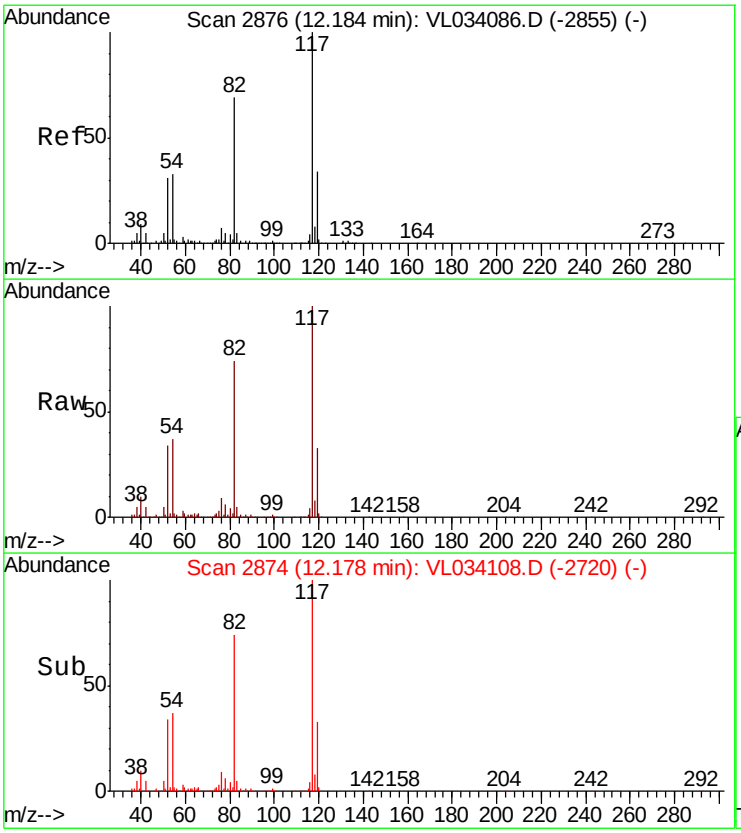
#53
Toluene
Concen: 0.801 ppbv
RT: 9.89 min Scan# 2161
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion: 91 Resp: 236839

Ion	Ratio	Lower	Upper
91	100		
92	62.2	50.3	75.5

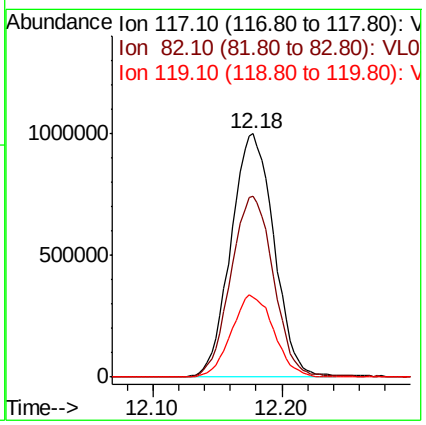


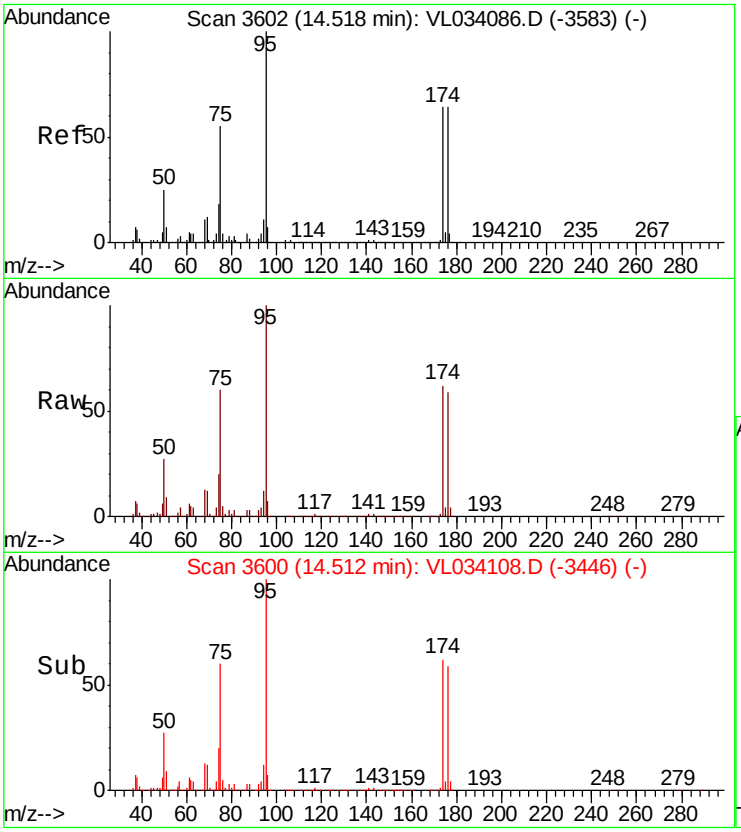


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2874
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion:117 Resp: 2318861

Ion	Ratio	Lower	Upper
117	100		
82	74.6	52.2	78.4
119	33.4	44.8	67.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.581 ppbv
RT: 14.51 min Scan# 3600
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tgt Ion: 95 Resp: 1990819

Ion	Ratio	Lower	Upper
95	100		
174	61.9	53.0	79.6
175	4.5	4.2	6.2