Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121318\
Data File : VL032992.D
Acq On : 13 Dec 2018 20:51
Operator : SY/AP
Sample : J6382-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : P0068-SG001-181212-01DL

Quant Time: Dec 14 01:09:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1171270	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2571538	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2900416	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2320471	10.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.30%			
Target Compounds						Qvalue
4) Chloromethane	3.17	50	9264	0.179	ppbv #	74
9) Propene	3.05	41	11052	0.315	ppbv	86
10) Heptane	8.24	43	4459	0.034	ppbv #	1
13) Ethanol	3.66	45	62444	5.171	ppbv	96
15) Acetone	3.93	43	285462	2.839	ppbv #	66
16) 1,3-Butadiene	3.35	39	11316	0.284	ppbv #	4
20) Methylene Chloride	4.41	84	34121	0.694	ppbv	94
21) Allyl Chloride	4.44	41	23471	0.286	ppbv #	59
23) Vinyl Acetate	5.14	43	48387	0.284	ppbv #	1
25) Ethyl Acetate	5.78	43	30806	0.130	ppbv #	81
26) Hexane	5.78	57	62237	0.568	ppbv #	40
36) Benzene	7.01	78	47725	0.252	ppbv	93
39) 1,2-Dichloropropane	7.29	63	636617	8.875	ppbv #	22
44) 2,2,4-Trimethylpentane	7.99	57	108104	0.337	ppbv #	82
53) Toluene	9.95	91	245532	1.224	ppbv	99

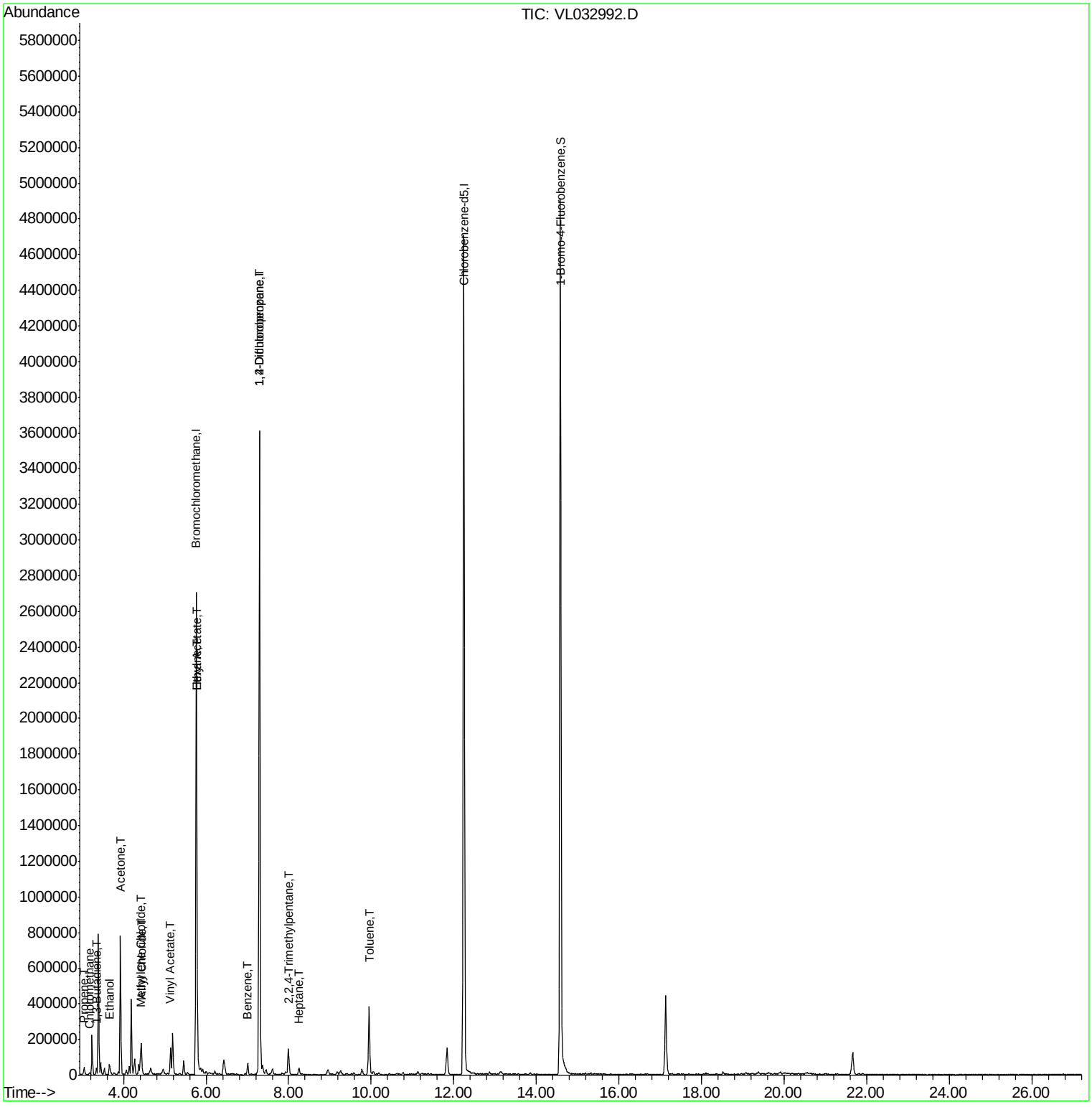
(#) = qualifier out of range (m) = manual integration (+) = signals summed

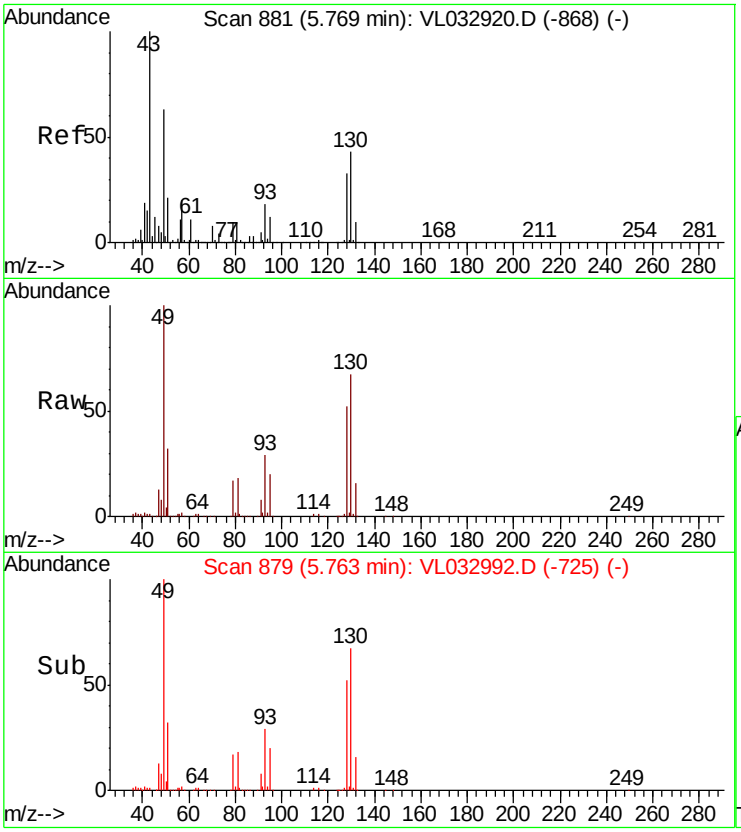
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121318\
Data File : VL032992.D
Acq On : 13 Dec 2018 20:51
Operator : SY/AP
Sample : J6382-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Quant Time: Dec 14 01:09:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



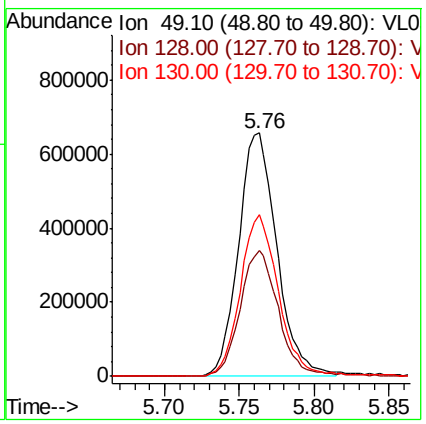


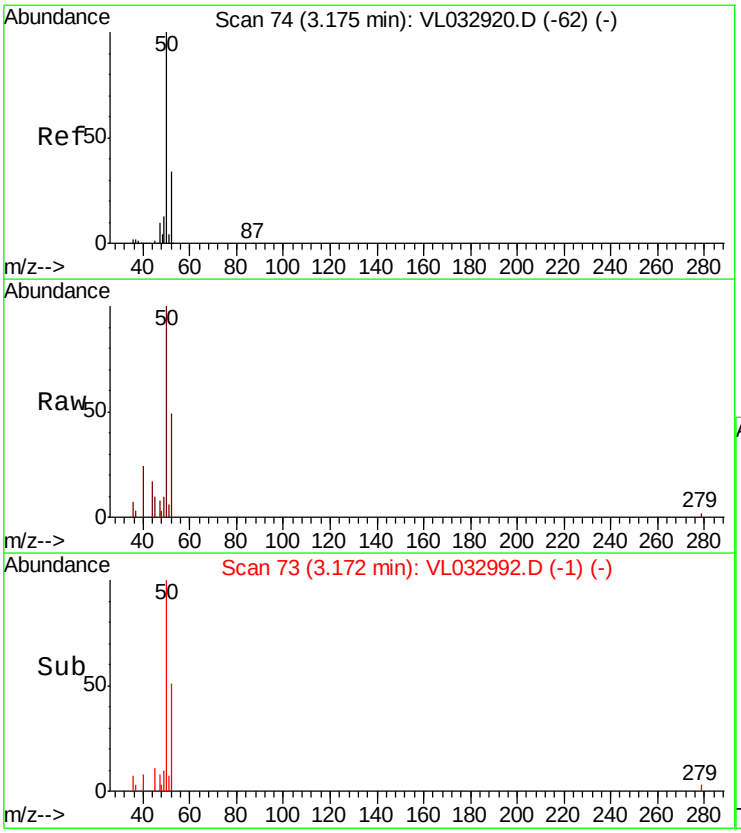
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 49 Resp: 1171270

Ion	Ratio	Lower	Upper
49	100		
128	52.4	26.3	78.8
130	66.4	33.9	101.7

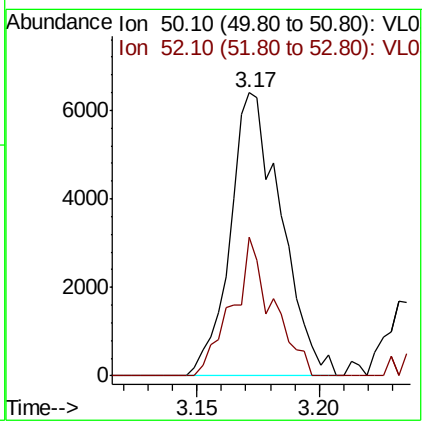


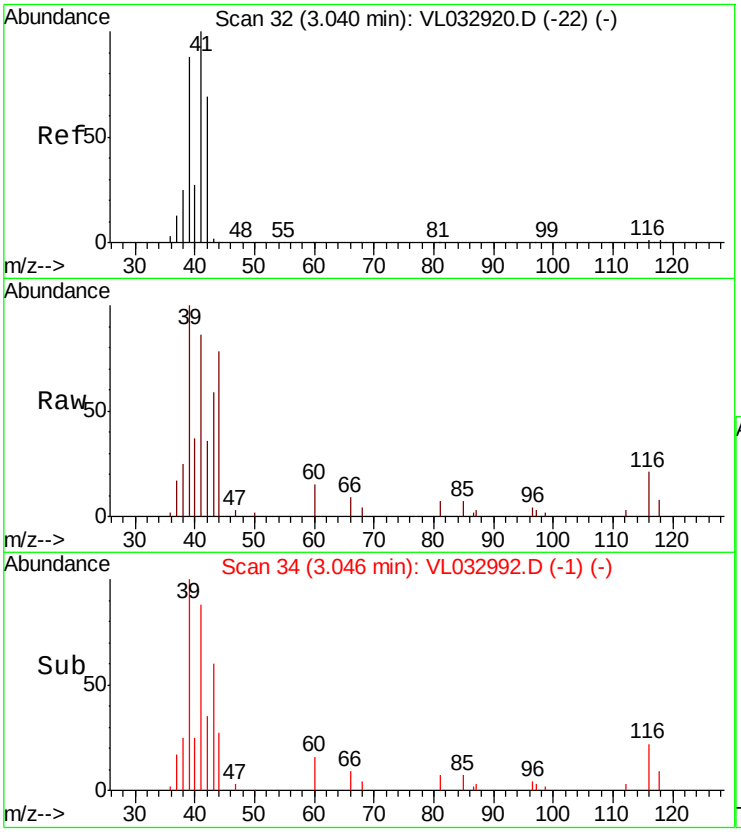


#4
Chloromethane
Concen: 0.179 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 50 Resp: 9264

Ion	Ratio	Lower	Upper
50	100		
52	49.2	27.3	40.9#



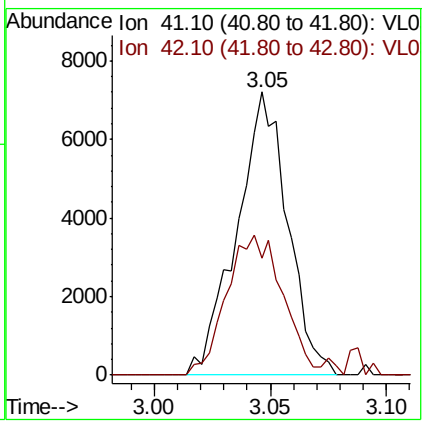


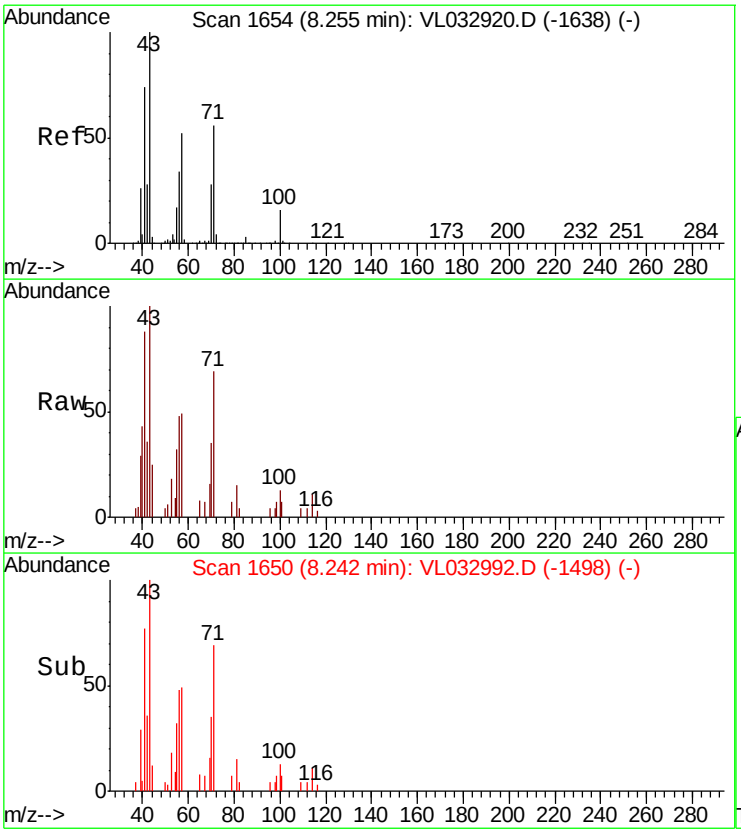
#9
Propene
Concen: 0.315 ppbv
RT: 3.05 min Scan# 34
Delta R.T. 0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 41 Resp: 11052

Ion	Ratio	Lower	Upper
41	100		
42	58.3	56.2	84.2

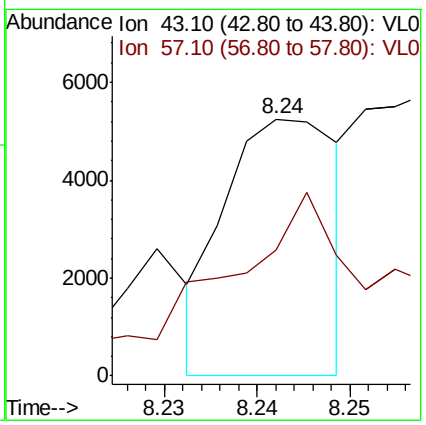


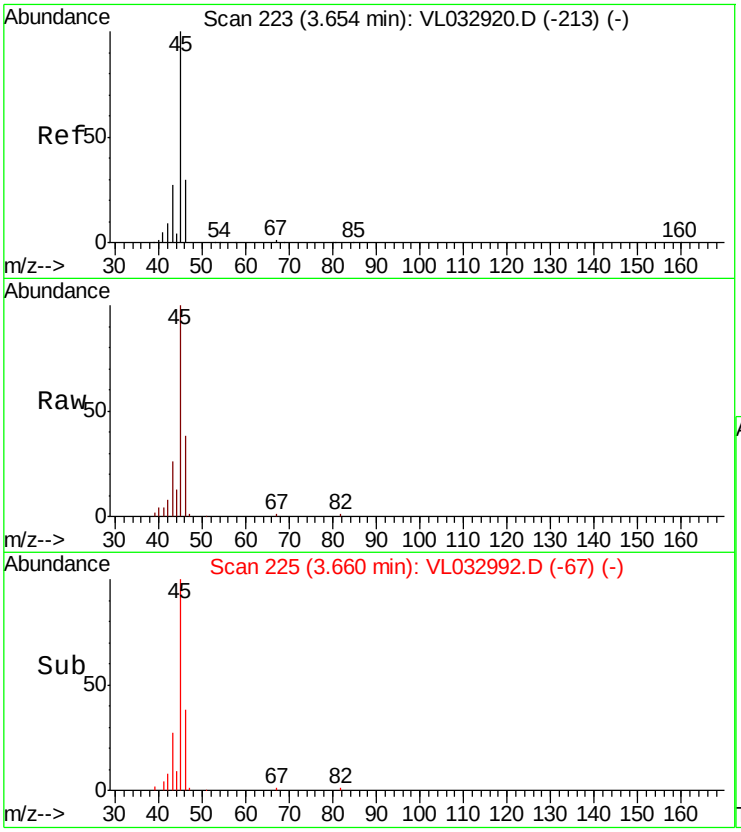


#10
Heptane
Concen: 0.034 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 43 Resp: 4459

Ion	Ratio	Lower	Upper
43	100		
57	136.5	41.8	62.6#



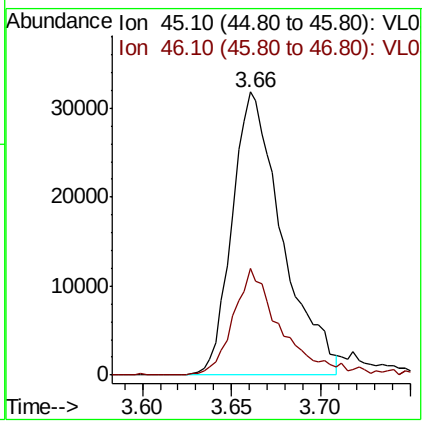


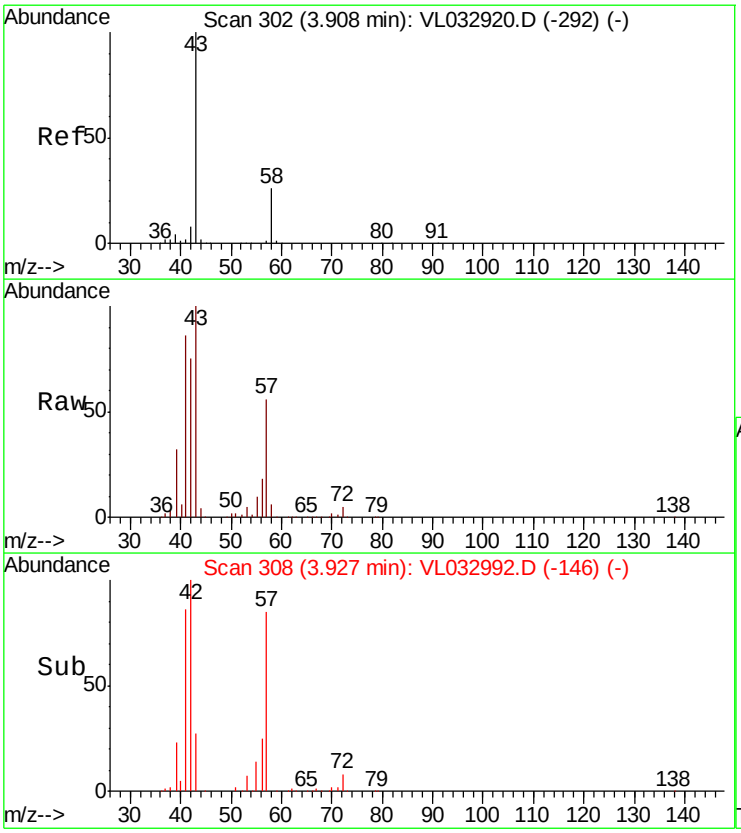
#13
Ethanol
Concen: 5.171 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 45 Resp: 62444

Ion	Ratio	Lower	Upper
45	100		
46	36.8	13.8	55.4

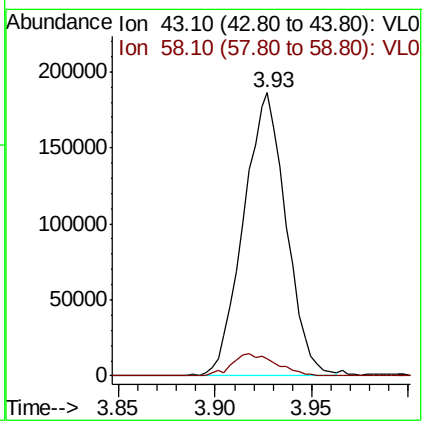


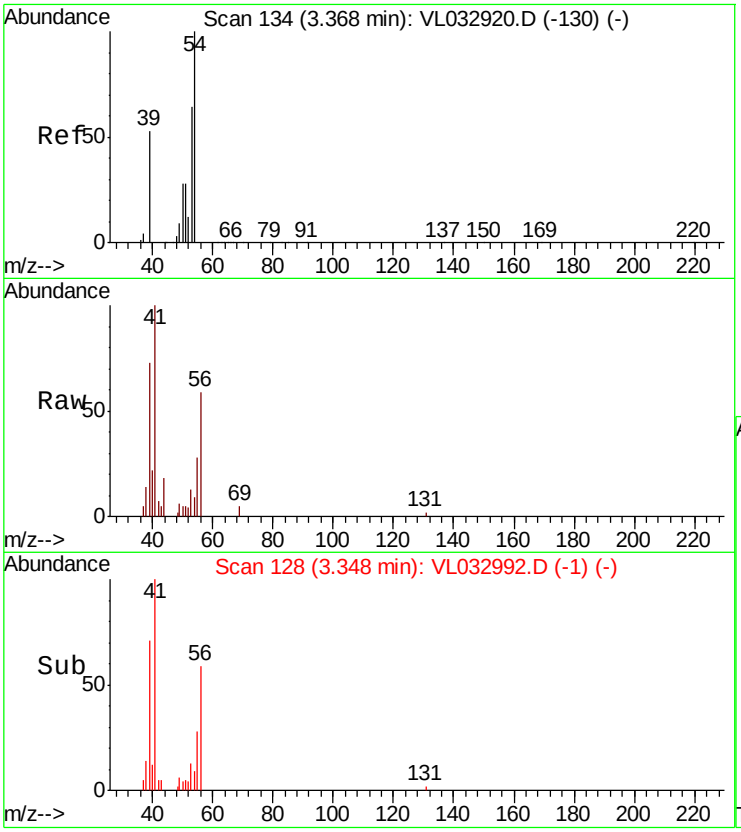


#15
Acetone
Concen: 2.839 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 43 Resp: 285462

Ion	Ratio	Lower	Upper
43	100		
58	8.4	20.6	30.8#



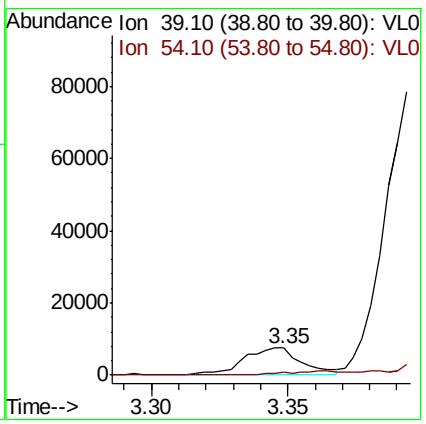


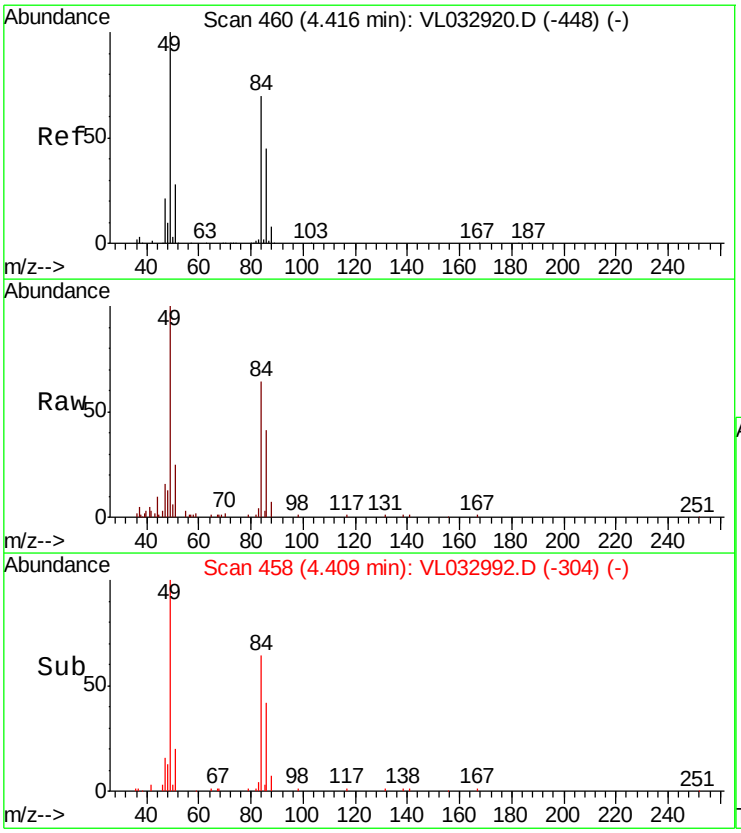
#16
1,3-Butadiene
Concen: 0.284 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 39 Resp: 11316

Ion	Ratio	Lower	Upper
39	100		
54	0.0	72.7	109.1#

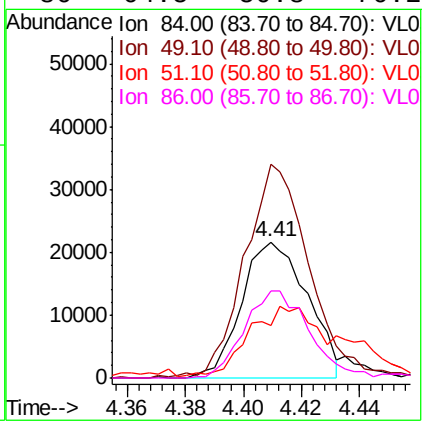


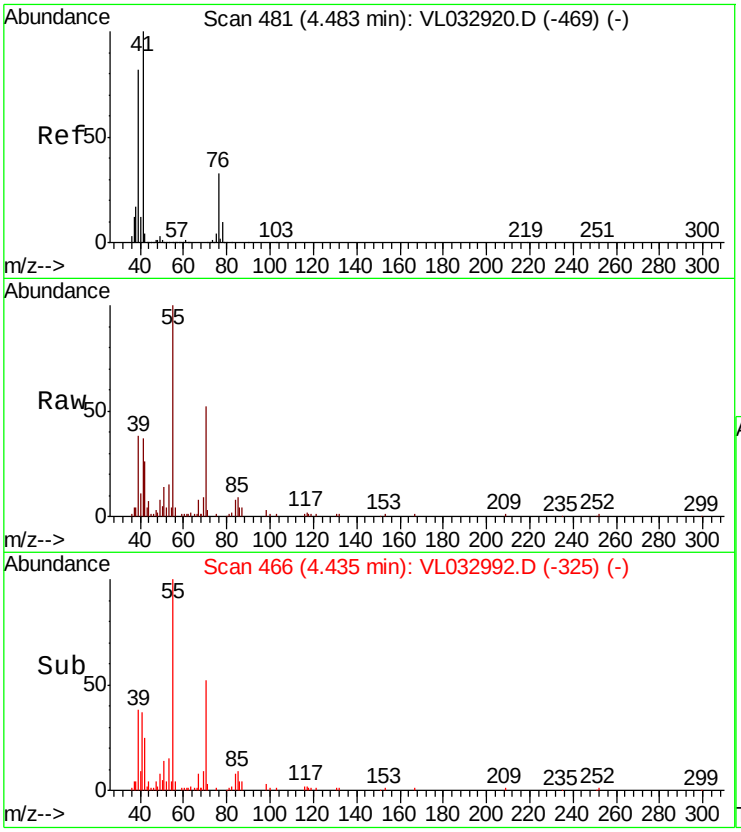


#20
Methylene Chloride
Concen: 0.694 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 84 Resp: 34121

Ion	Ratio	Lower	Upper
84	100		
49	153.7	113.8	170.8
51	36.9	31.8	47.8
86	64.5	50.8	76.2



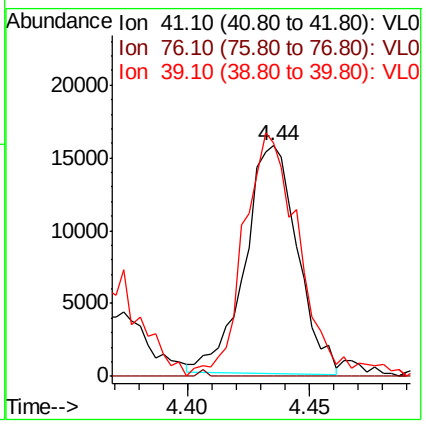


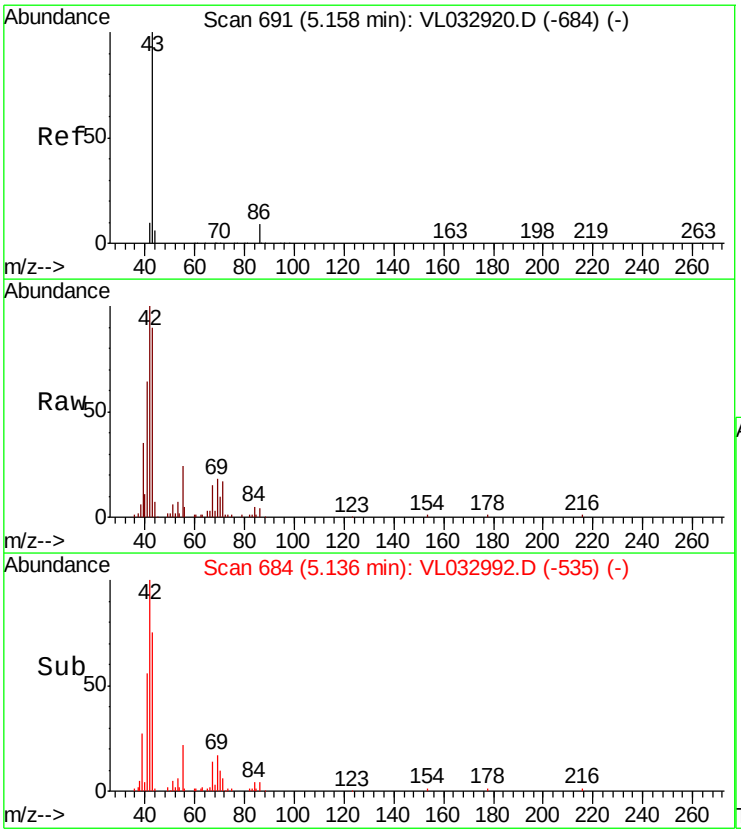
#21
Allyl Chloride
Concen: 0.286 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 41 Resp: 23471

Ion	Ratio	Lower	Upper
41	100		
76	0.3	25.2	37.8#
39	112.6	65.2	97.8#

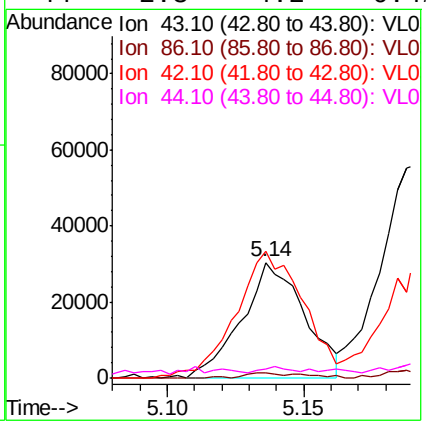


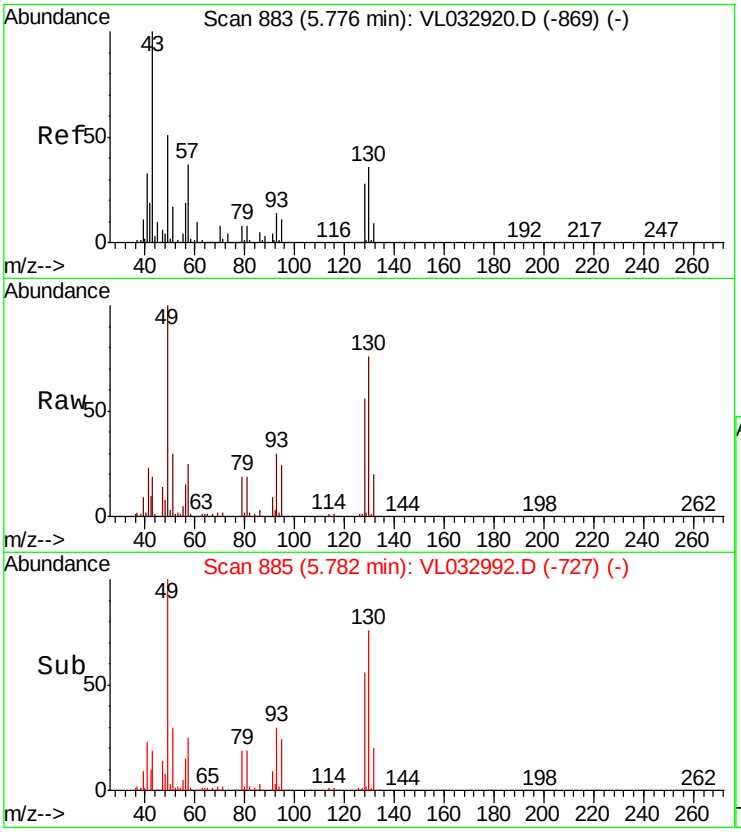


#23
Vinyl Acetate
Concen: 0.284 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 43 Resp: 48387

Ion	Ratio	Lower	Upper
43	100		
86	4.1	6.6	9.8#
42	104.3	8.3	12.5#
44	2.3	4.2	6.4#



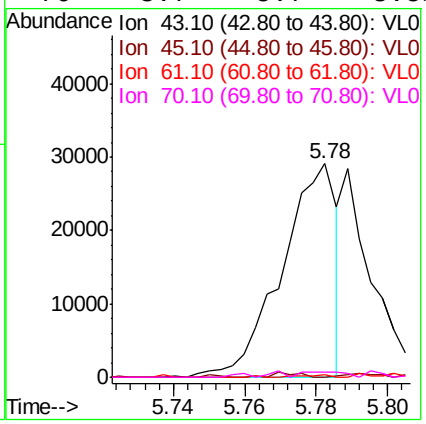


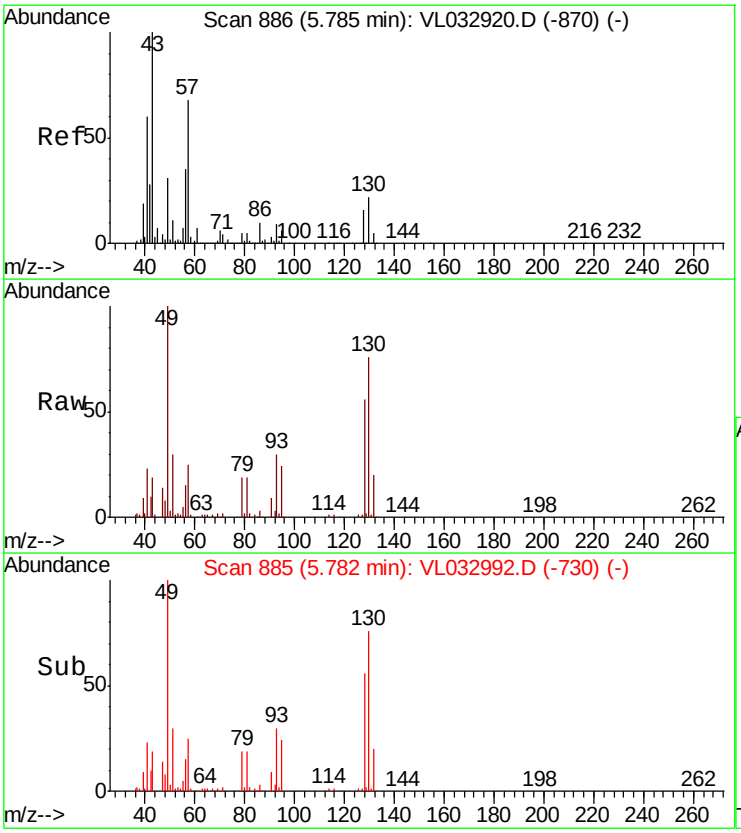
#25
Ethyl Acetate
Concen: 0.130 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument : MSVOA_L
ClientSampleId : P0068-SG001-181212-01DL

Tgt Ion: 43 Resp: 30806

Ion	Ratio	Lower	Upper
43	100		
45	2.7	7.8	11.6#
61	0.0	7.4	11.2#
70	3.7	5.7	8.5#

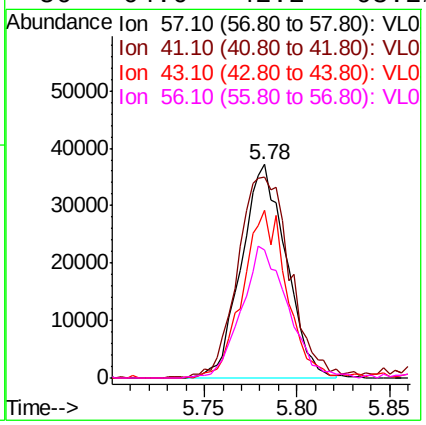


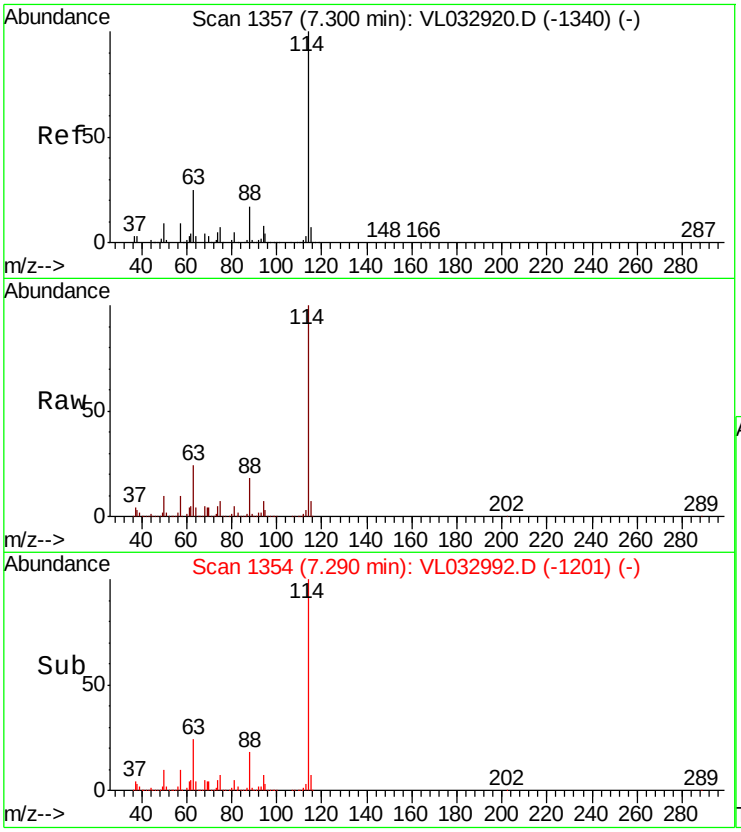


#26
Hexane
Concen: 0.568 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 57 Resp: 62237

Ion	Ratio	Lower	Upper
57	100		
41	112.6	72.2	108.2#
43	78.3	171.9	257.9#
56	64.0	42.2	63.2#



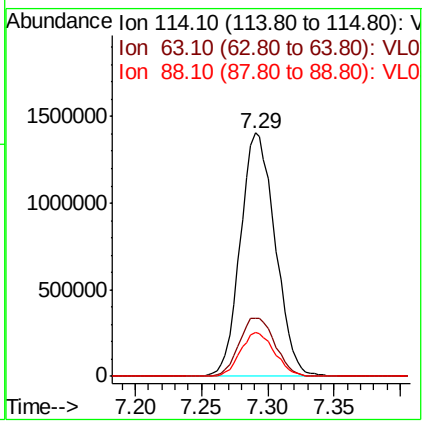


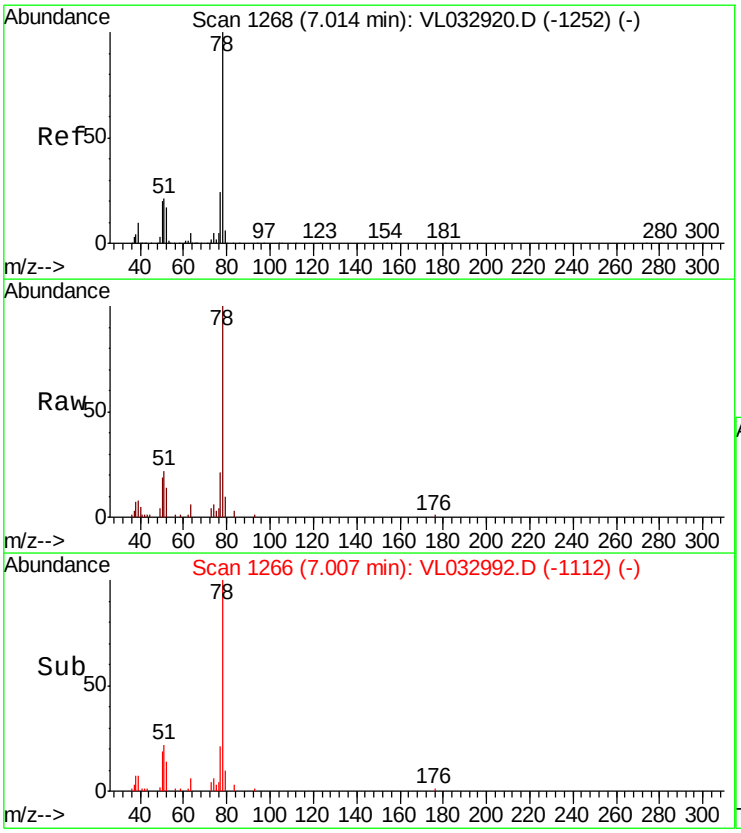
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion:114 Resp: 2571538

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.1	30.1
88	17.8	14.2	21.4

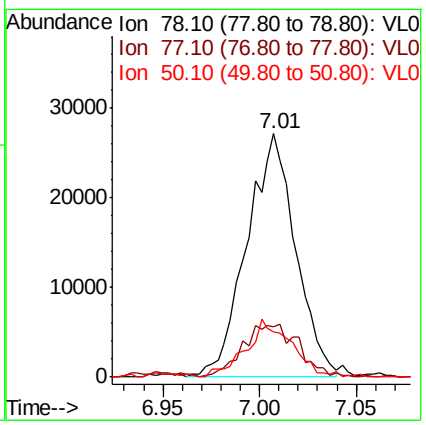


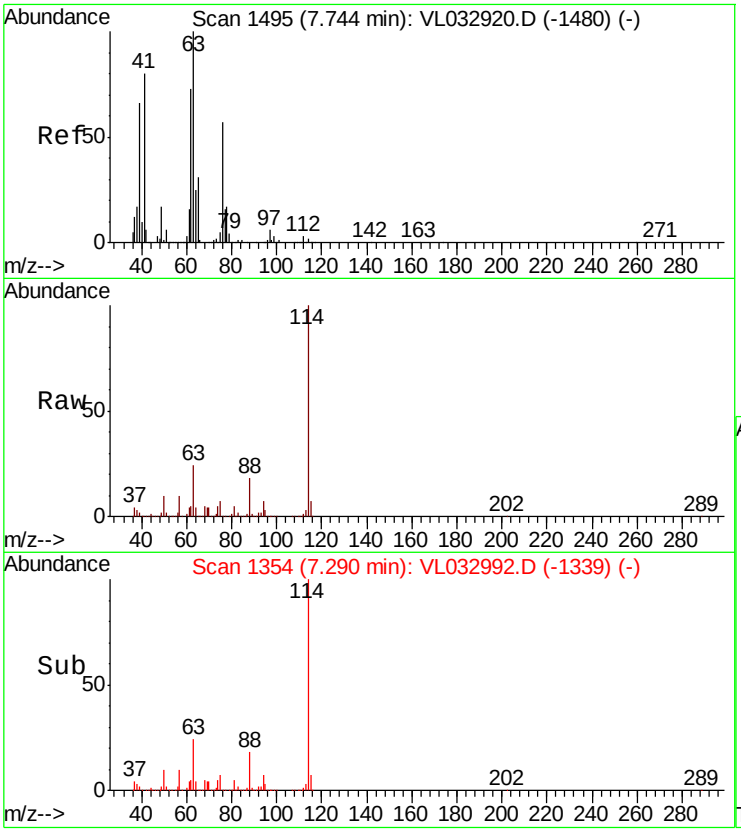


#36
Benzene
Concen: 0.252 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 78 Resp: 47725

Ion	Ratio	Lower	Upper
78	100		
77	19.5	18.9	28.3
50	17.4	16.1	24.1



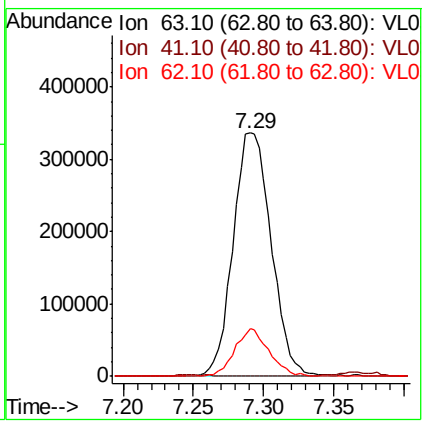


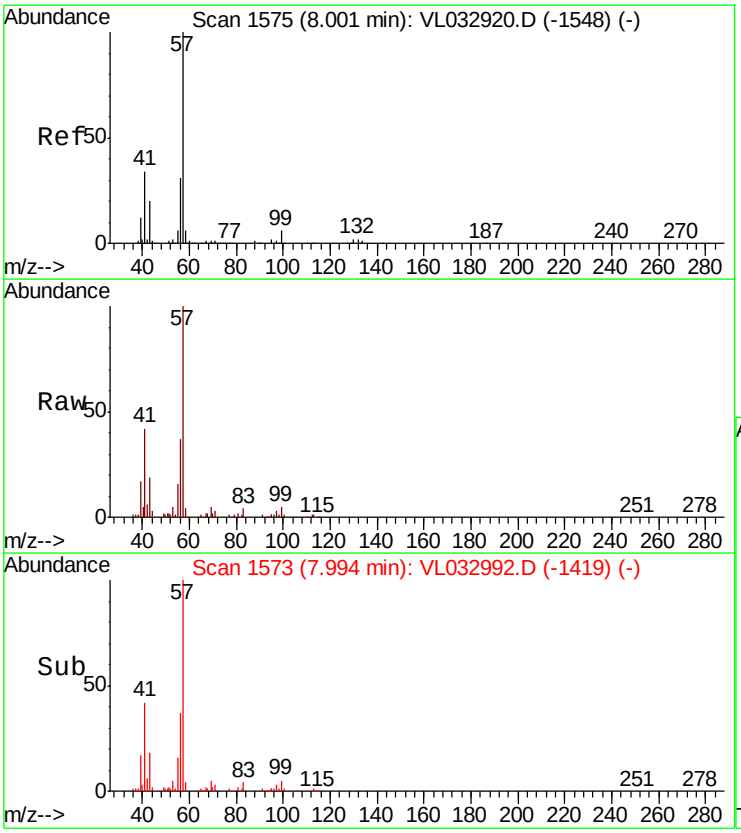
#39
1,2-Dichloropropane
Concen: 8.875 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 63 Resp: 636617

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	19.5	58.8	88.2#

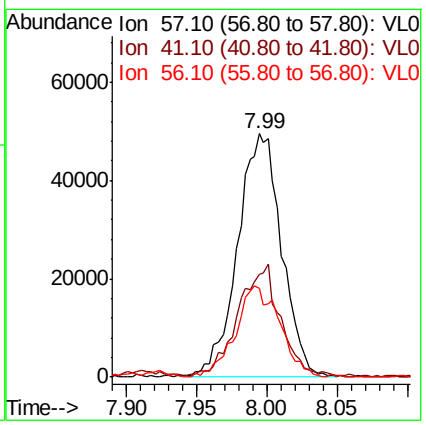


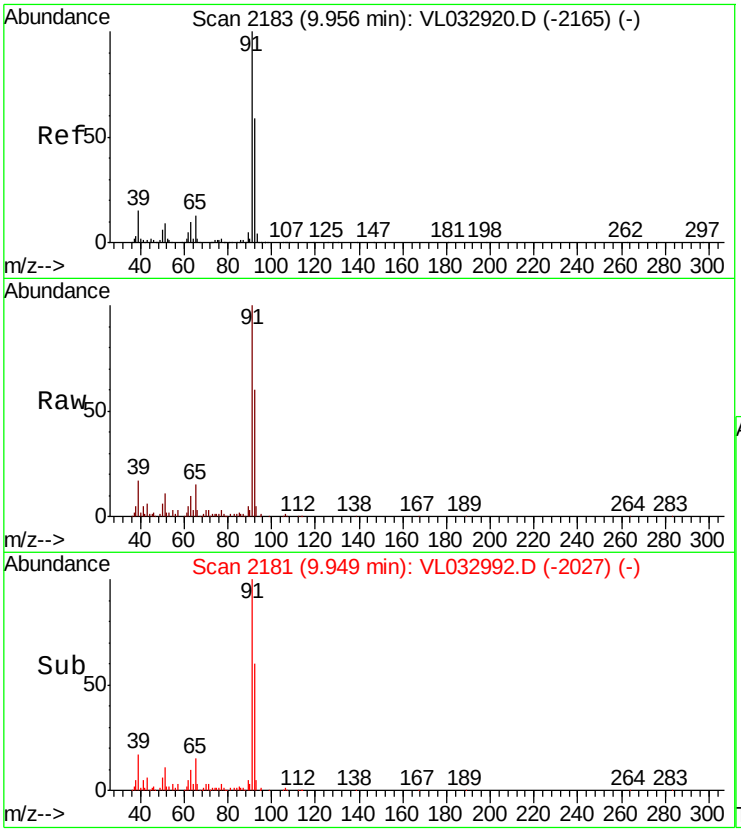


#44
2,2,4-Trimethylpentane
Concen: 0.337 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion: 57 Resp: 108104

Ion	Ratio	Lower	Upper
57	100		
41	46.0	27.0	40.4#
56	38.1	24.6	37.0#



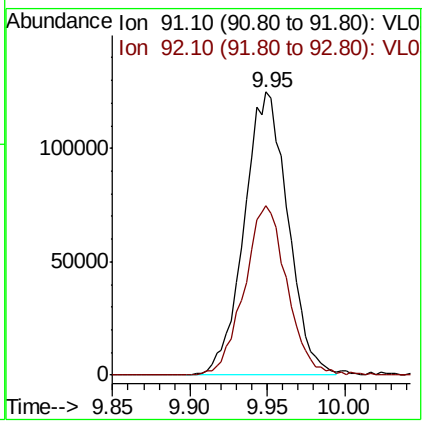


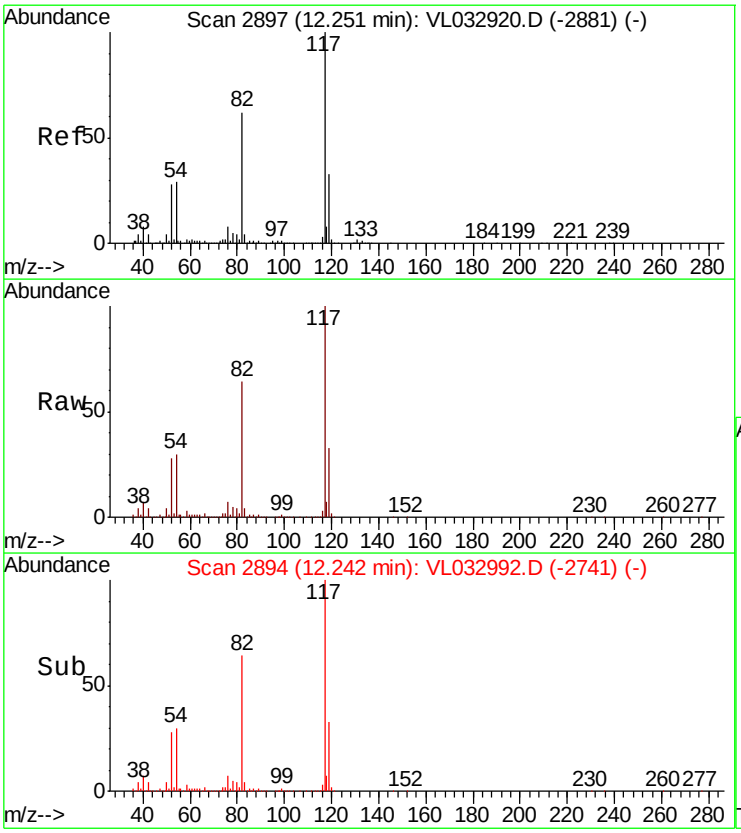
#53
Toluene
Concen: 1.224 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 91 Resp: 245532

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.4	71.0

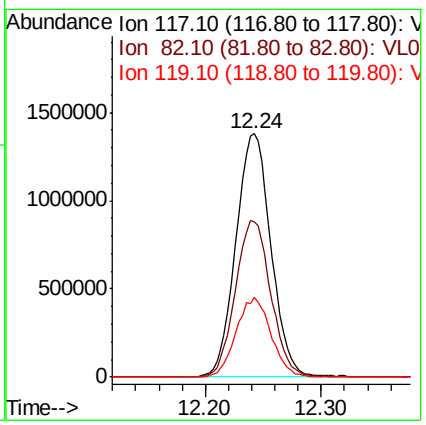


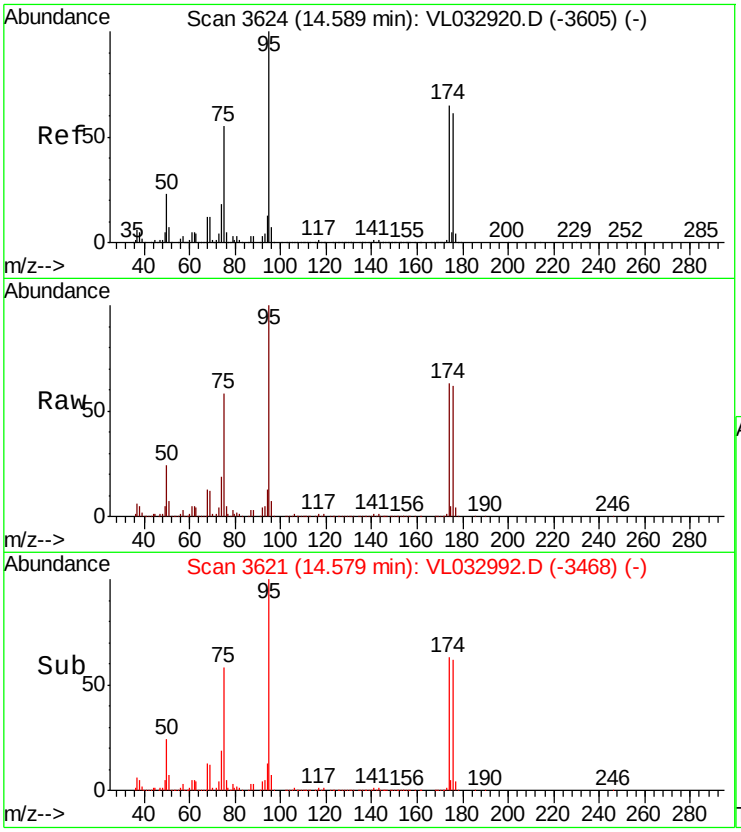


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Tgt Ion:117 Resp: 2900416

Ion	Ratio	Lower	Upper
117	100		
82	65.3	47.8	71.8
119	32.8	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.829 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032992.D
Acq: 13 Dec 2018 20:51

Instrument :
MSVOA_L
ClientSampleId :
P0068-SG001-181212-01DL

Tgt Ion: 95 Resp: 2320471

Ion	Ratio	Lower	Upper
95	100		
174	63.9	51.4	77.0
175	4.7	3.8	5.6