Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121118\

Quantitation Report (Not Reviewed)

Data File : VL032978.D
Acq On : 12 Dec 2018 9:40
Operator : SY/AP
Sample : J6264-13DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Quant Time: Dec 12 15:02:09 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	1072768	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2659750	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2579167	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2064922	10.84	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.40%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	6203	0.076	ppbv #	65
4) Chloromethane	3.17	50	7494	0.158	ppbv	95
9) Propene	3.05	41	7961	0.248	ppbv	84
11) Trichlorofluoromethane	4.00	101	108413	0.803	ppbv	99
13) Ethanol	3.67	45	5298	0.479	ppbv #	45
15) Acetone	3.90	43	535746	5.818	ppbv	98
17) tert-Butyl alcohol	4.39	59	5298	0.226	ppbv #	30
19) Isopropyl Alcohol	4.05	45	3620	0.063	ppbv #	95
20) Methylene Chloride	4.41	84	24667	0.548	ppbv	85
25) Ethyl Acetate	5.78	43	31774	0.146	ppbv #	81
26) Hexane	5.78	57	23536	0.234	ppbv #	1
27) Carbon Disulfide	4.62	76	4885	0.039	ppbv #	68
34) 2-Butanone	5.35	43	9699	0.084	ppbv #	28
36) Benzene	7.01	78	11602	0.059	ppbv #	76
39) 1,2-Dichloropropane	7.29	63	667426	8.996	ppbv #	21
53) Toluene	9.95	91	8298	0.040	ppbv #	28
62) Isopropylbenzene	14.84	105	36513	0.104	ppbv #	72

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

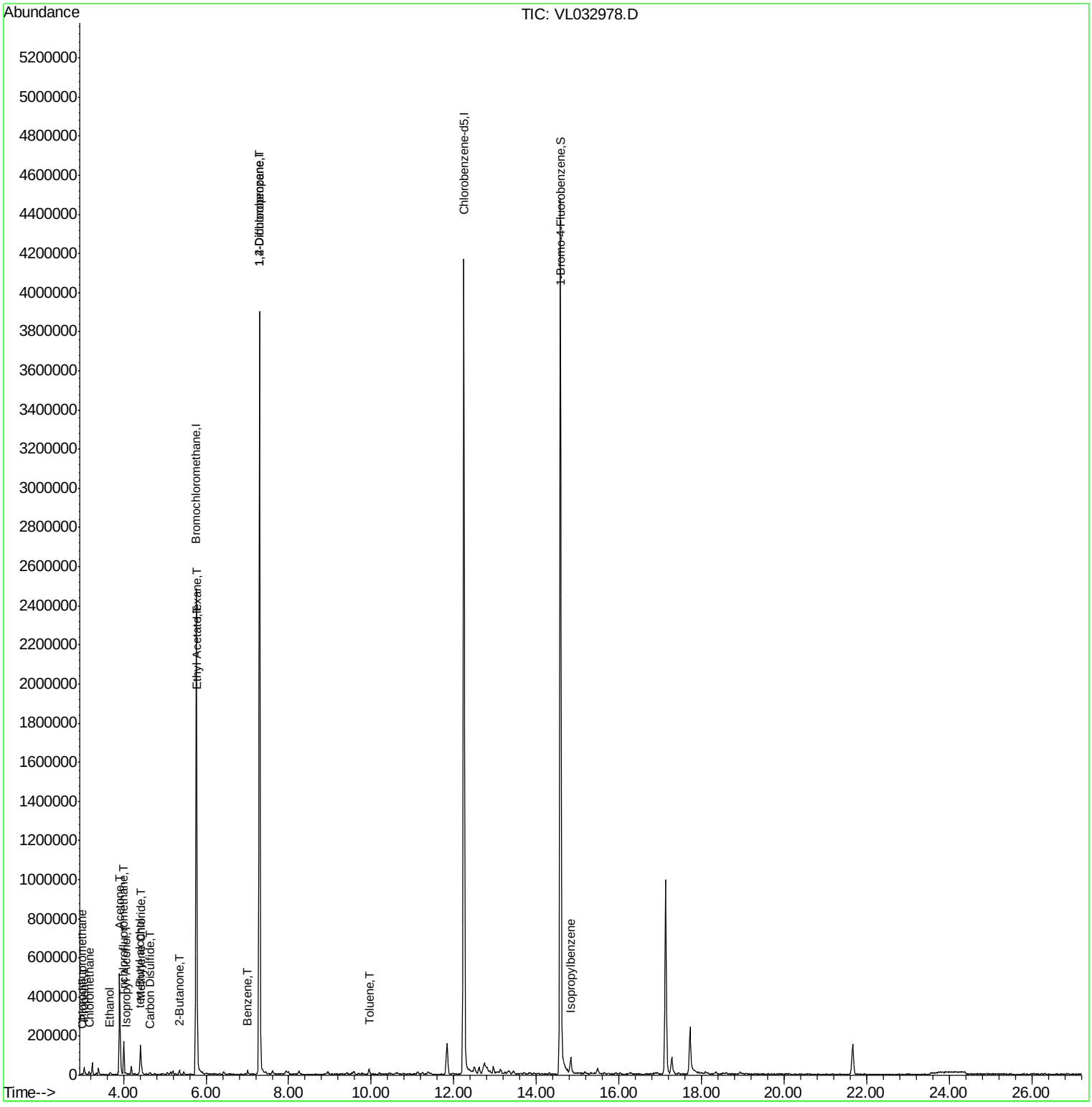
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121118\

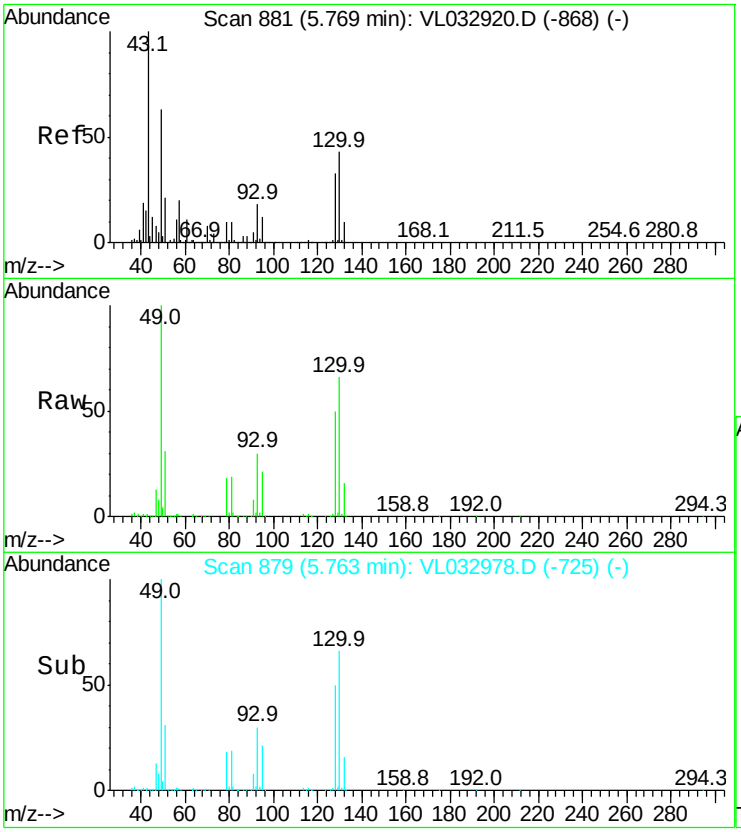
Quantitation Report (Not Reviewed)

Data File : VL032978.D
Acq On : 12 Dec 2018 9:40
Operator : SY/AP
Sample : J6264-13DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Quant Time: Dec 12 15:02:09 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



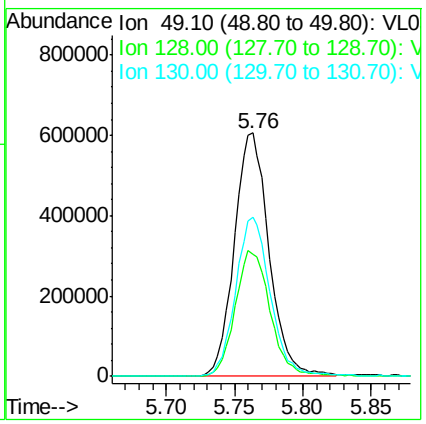


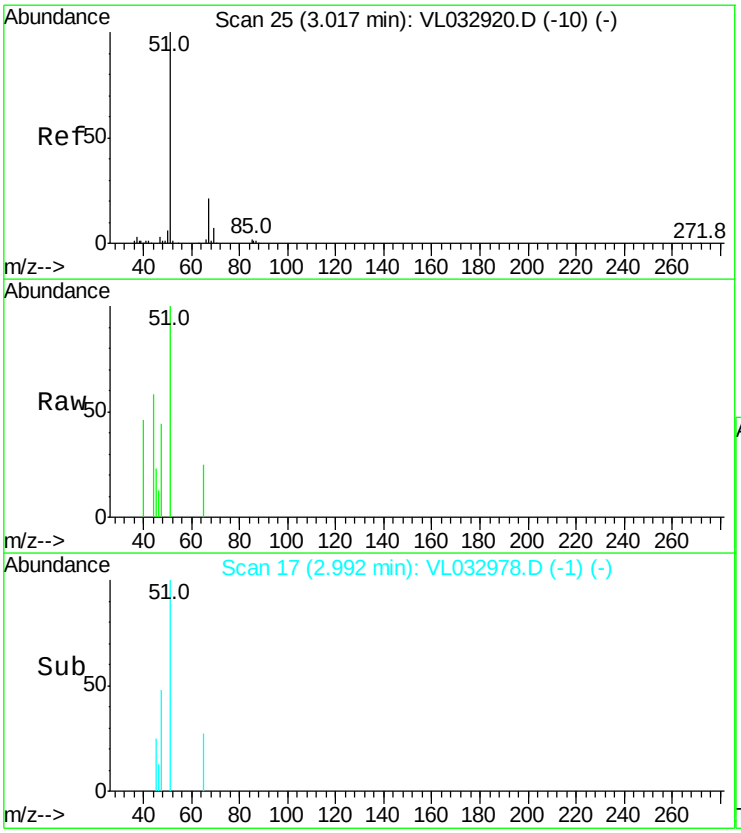
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

Tgt Ion: 49 Resp: 1072768

Ion	Ratio	Lower	Upper
49	100		
128	52.2	26.3	78.8
130	65.6	33.9	101.7

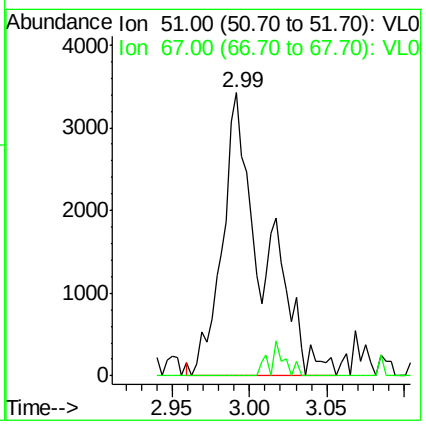


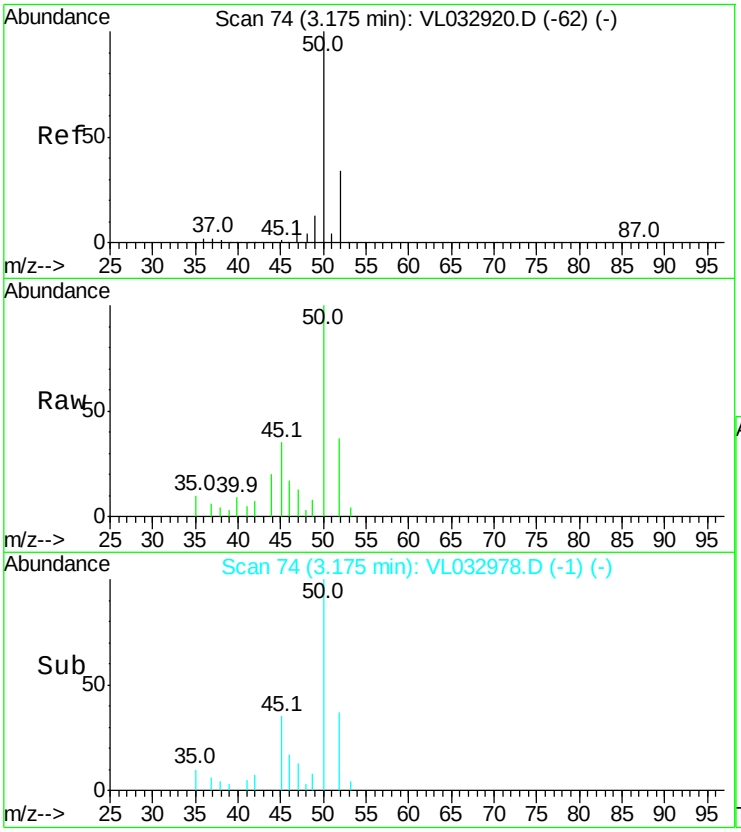


#3
Chlorodifluoromethane
Concen: 0.076 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.03 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 51 Resp: 6203

Ion	Ratio	Lower	Upper
51	100		
67	4.4	16.8	25.2#

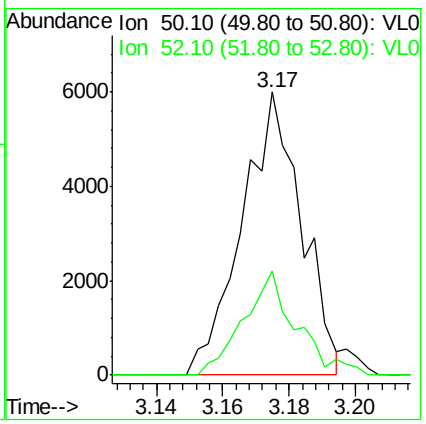




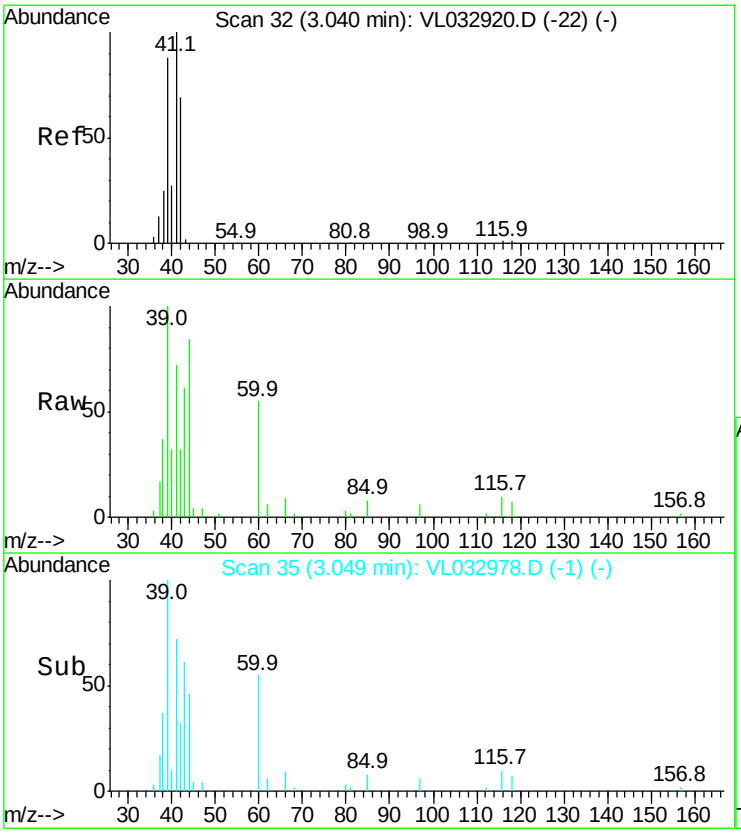
#4
Chloromethane
Concen: 0.158 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 50 Resp: 7494

Ion	Ratio	Lower	Upper
50	100		
52	37.0	27.3	40.9



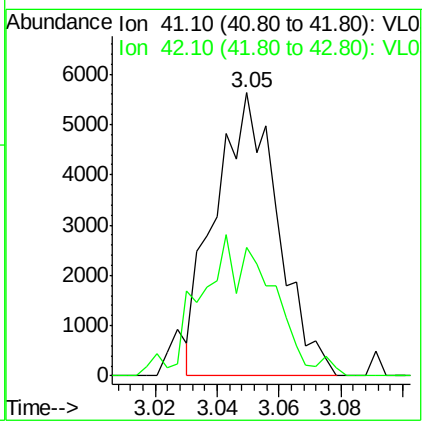
Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

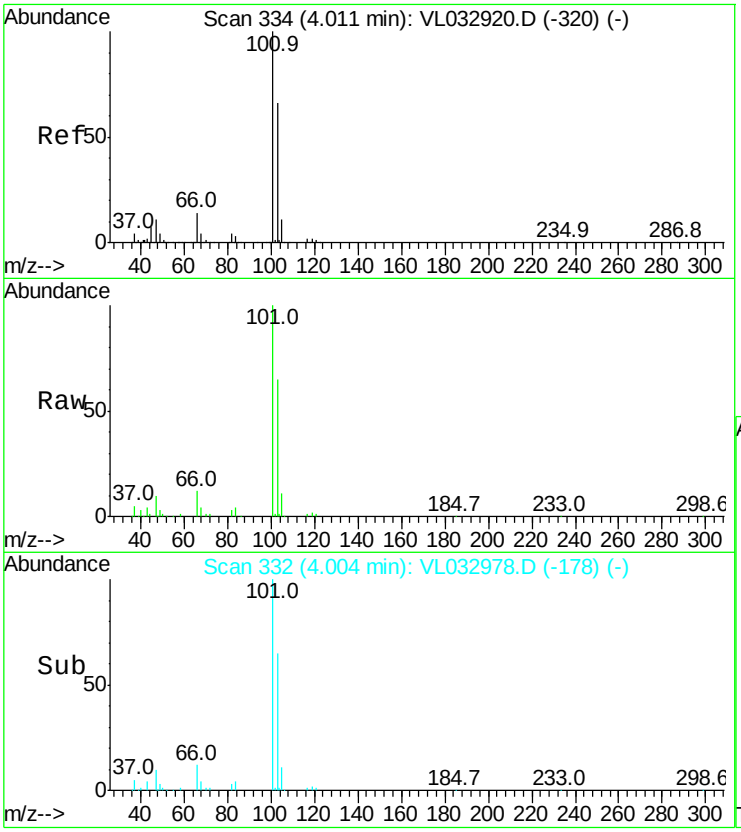


#9
Propene
Concen: 0.248 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 41 Resp: 7961

Ion	Ratio	Lower	Upper
41	100		
42	56.7	56.2	84.2



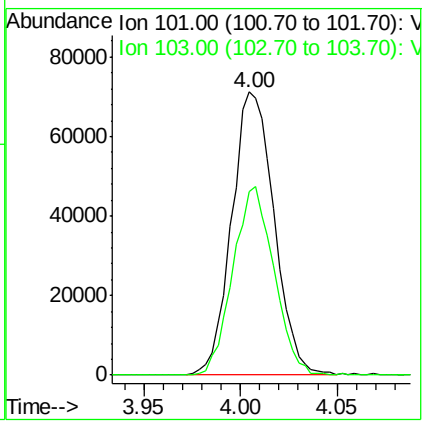


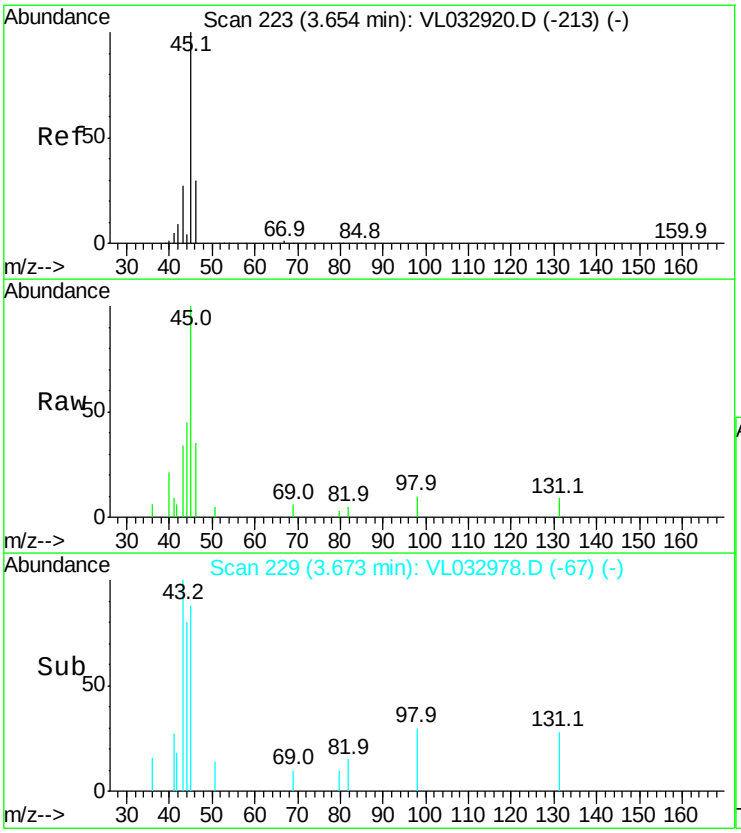
#11
Trichlorofluoromethane
Concen: 0.803 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

Tgt Ion:101 Resp: 108413

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.7	79.1

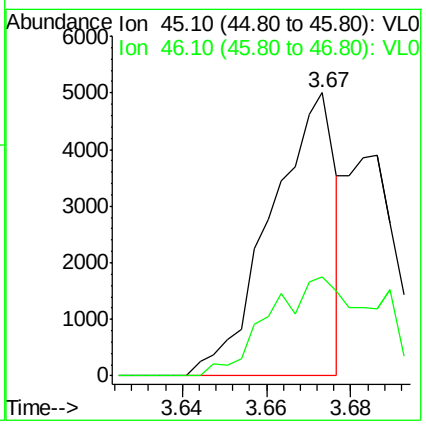


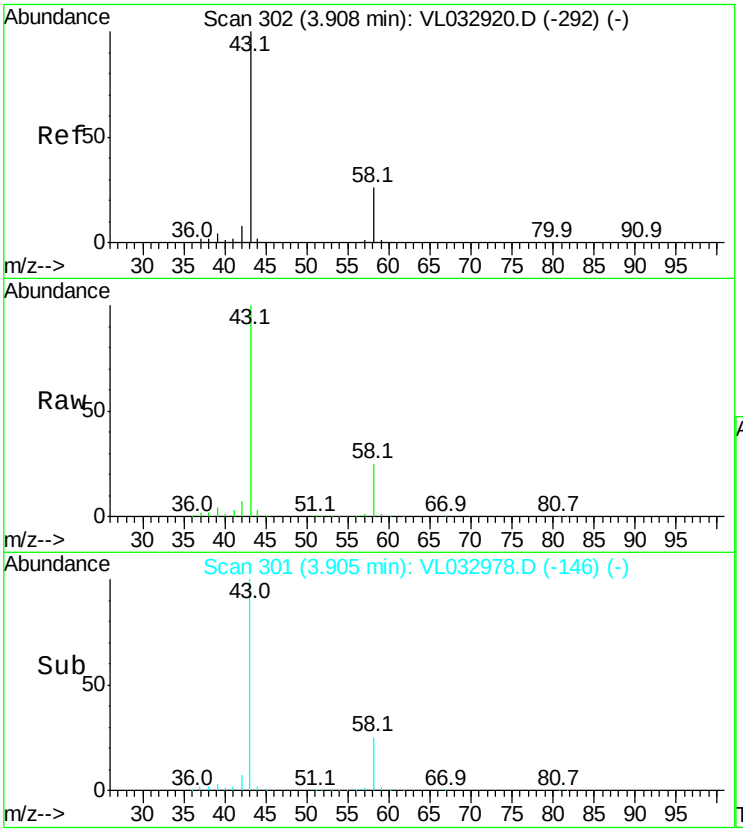


#13
Ethanol
Concen: 0.479 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.02 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 45 Resp: 5298

Ion	Ratio	Lower	Upper
45	100		
46	66.5	13.8	55.4#



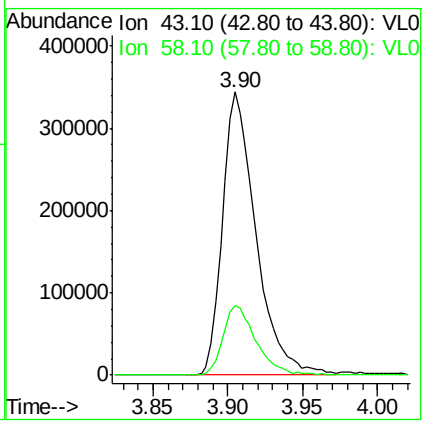


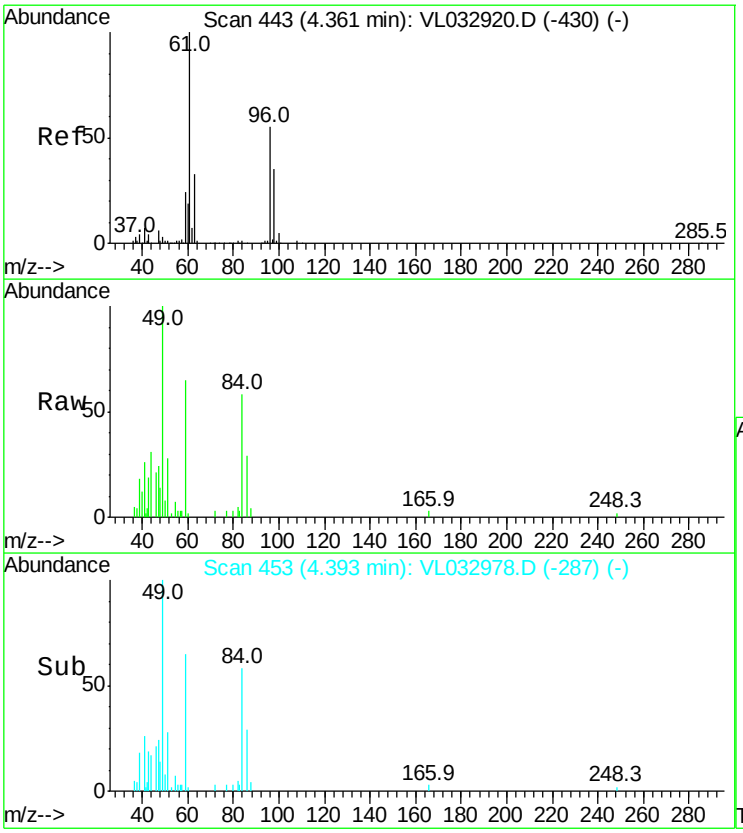
#15
Acetone
Concen: 5.818 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

Tgt Ion: 43 Resp: 535746

Ion	Ratio	Lower	Upper
43	100		
58	24.7	20.6	30.8

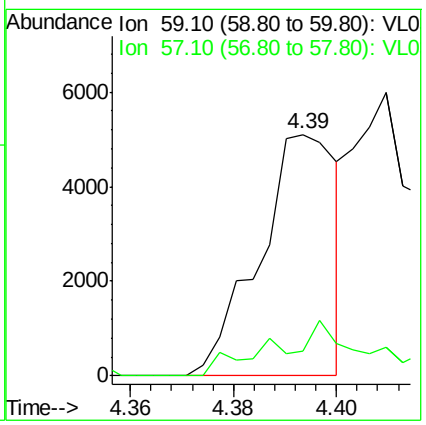


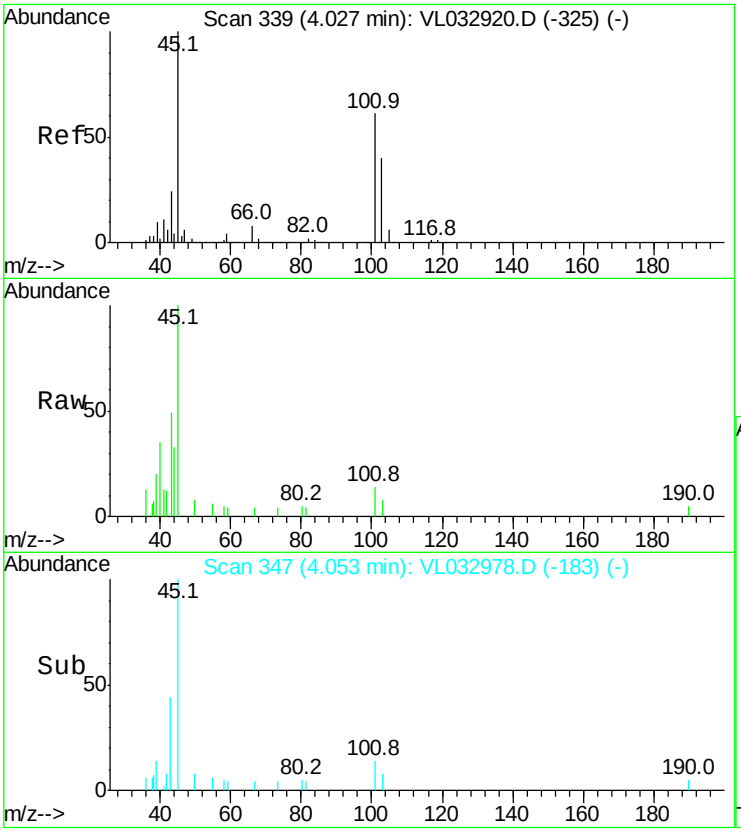


#17
tert-Butyl alcohol
Concen: 0.226 ppbv
RT: 4.39 min Scan# 453
Delta R.T. 0.03 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 59 Resp: 5298

Ion	Ratio	Lower	Upper
59	100		
57	35.2	0.6	1.0#



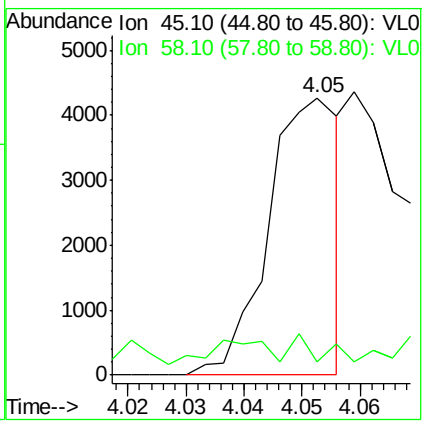


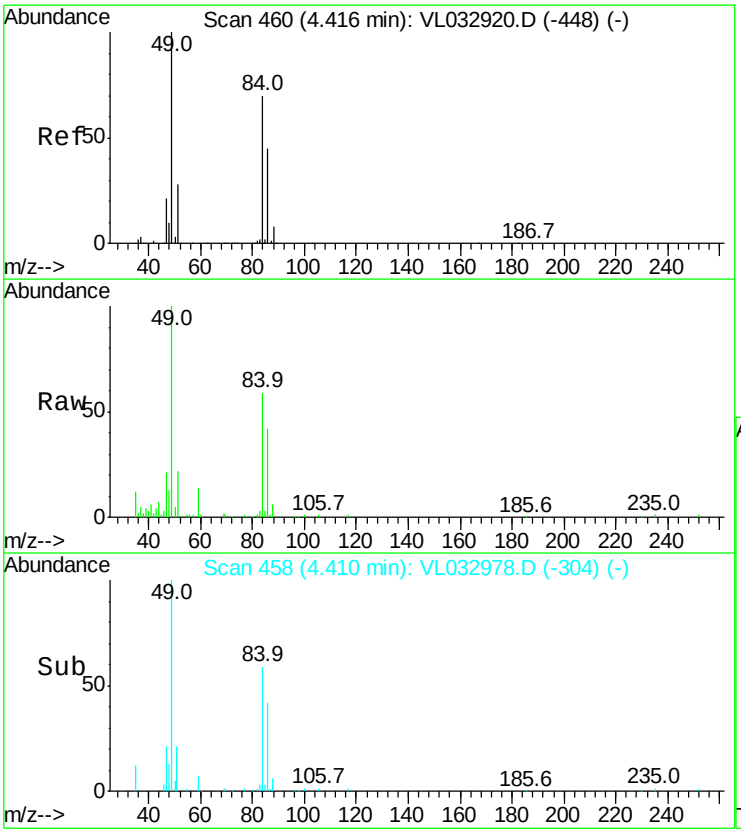
#19
Isopropyl Alcohol
Concen: 0.063 ppbv
RT: 4.05 min Scan# 347
Delta R.T. 0.03 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Tgt Ion: 45 Resp: 3620

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

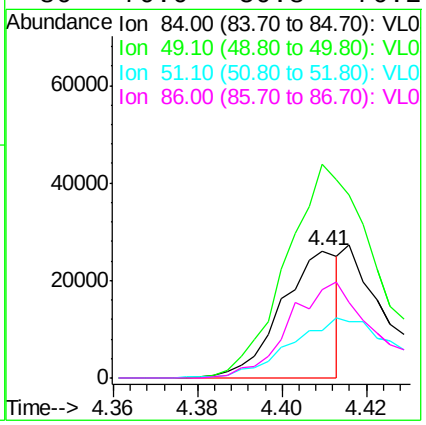


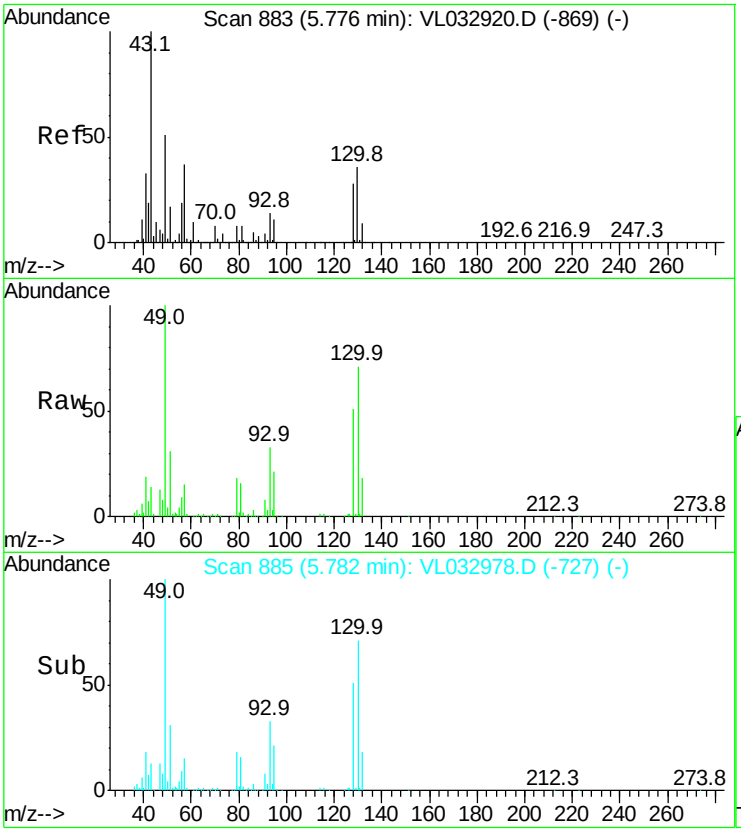


#20
Methylene Chloride
Concen: 0.548 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 84 Resp: 24667

Ion	Ratio	Lower	Upper
84	100		
49	168.5	113.8	170.8
51	36.4	31.8	47.8
86	70.0	50.8	76.2



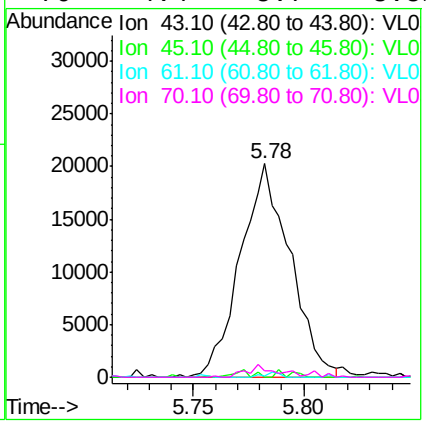


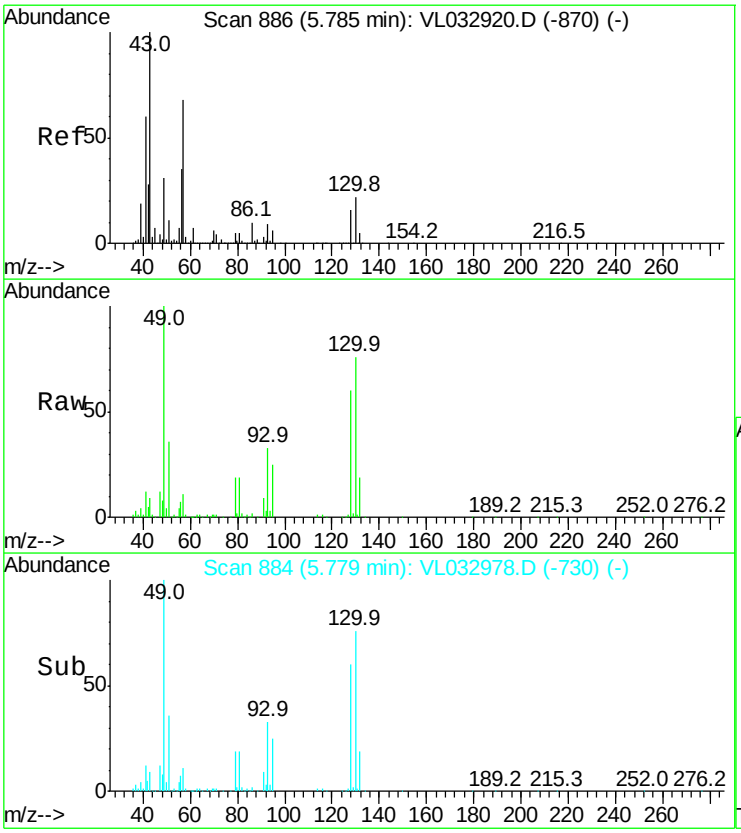
#25
Ethyl Acetate
Concen: 0.146 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Tgt Ion: 43 Resp: 31774

Ion	Ratio	Lower	Upper
43	100		
45	1.7	7.8	11.6#
61	0.7	7.4	11.2#
70	4.4	5.7	8.5#

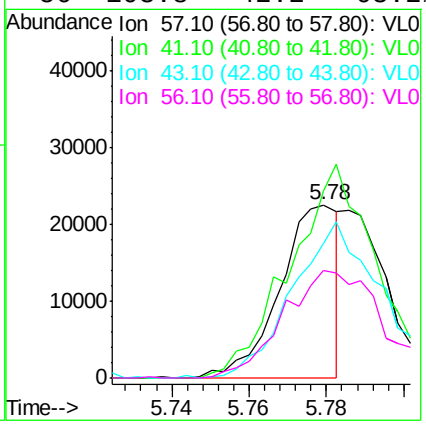


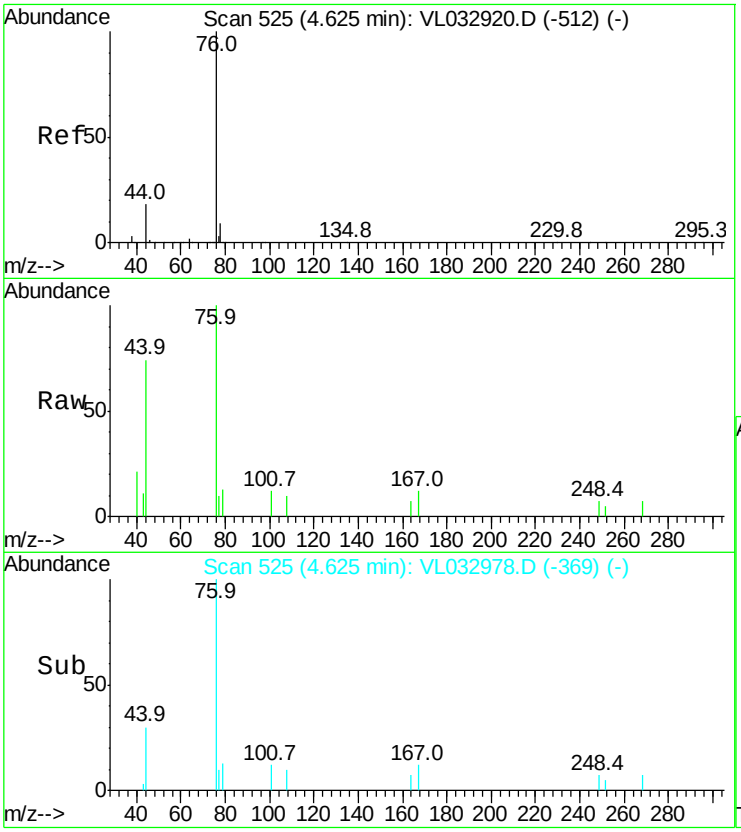


#26
Hexane
Concen: 0.234 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 57 Resp: 23536

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.2	108.2#
43	0.0	171.9	257.9#
56	103.8	42.2	63.2#



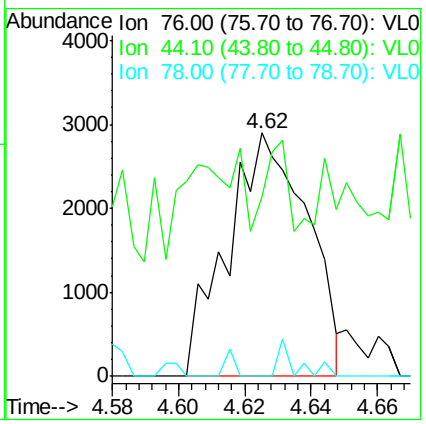


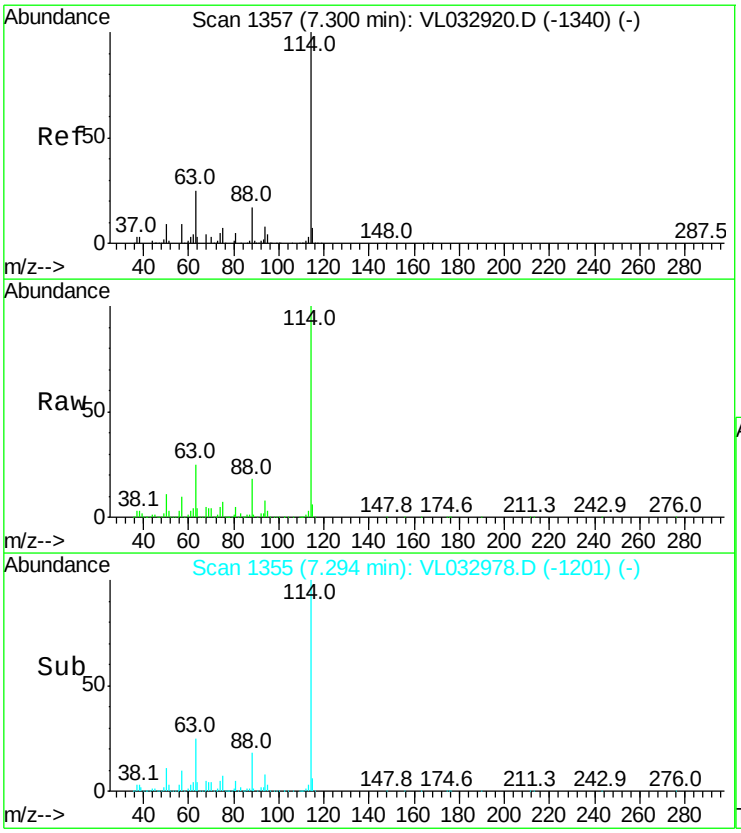
#27
Carbon Disulfide
Concen: 0.039 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Tgt Ion: 76 Resp: 4885

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.7	22.1#
78	4.4	7.4	11.2#

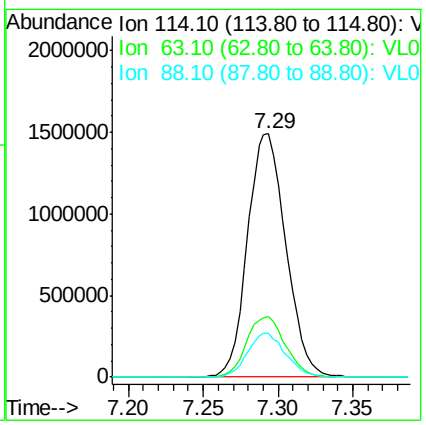


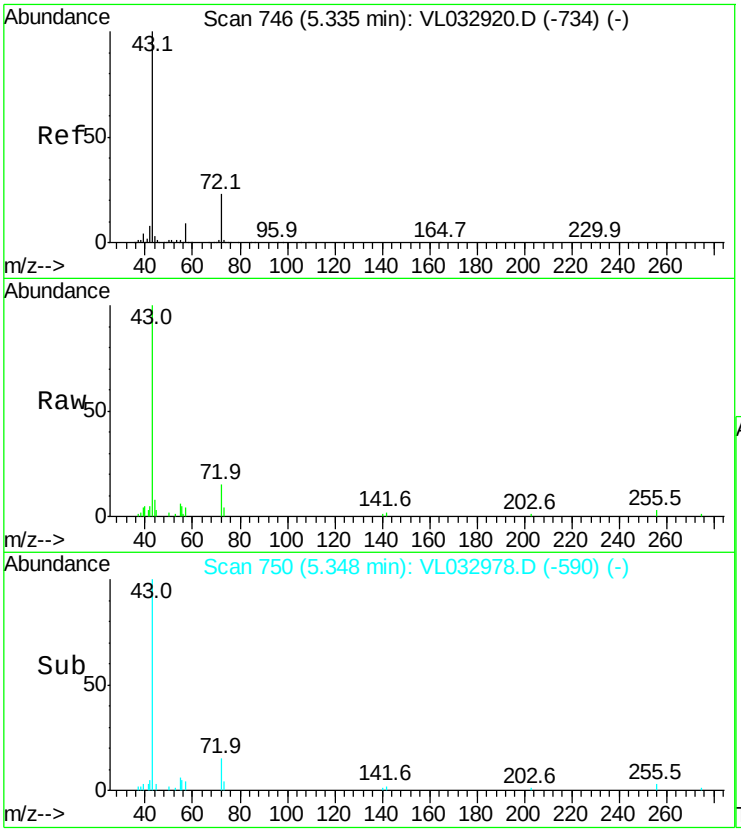


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion:114 Resp: 2659750

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	17.8	14.2	21.4



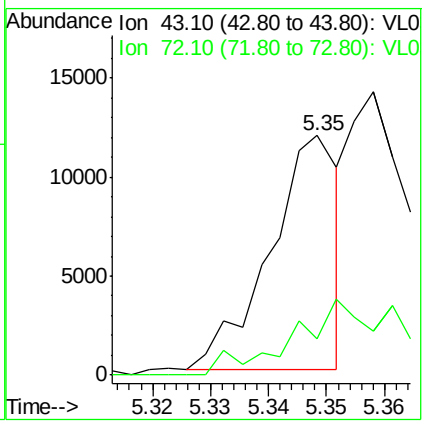


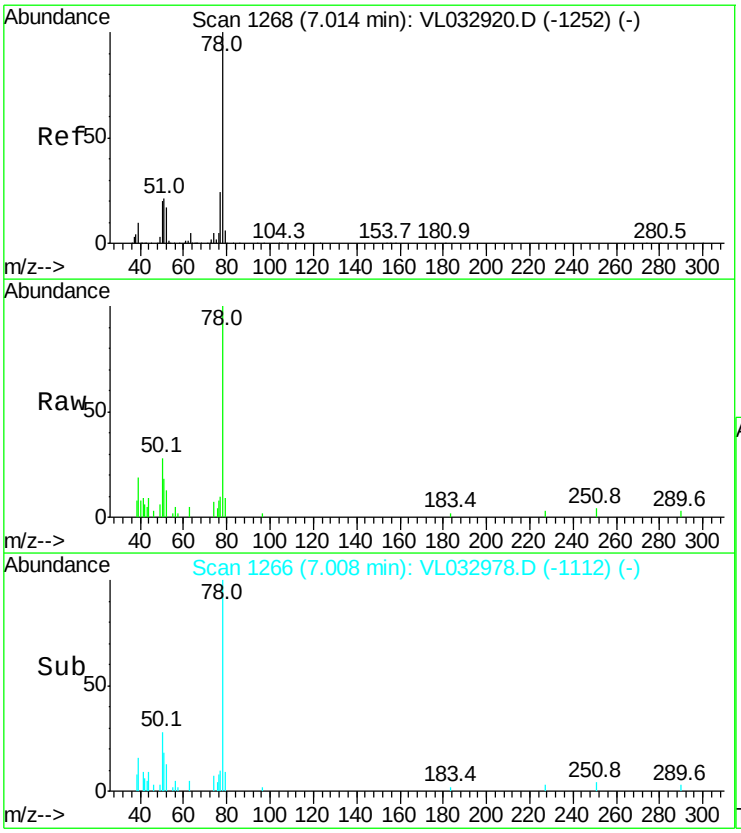
#34
2-Butanone
Concen: 0.084 ppbv
RT: 5.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Tgt Ion: 43 Resp: 9699

Ion	Ratio	Lower	Upper
43	100		
72	58.6	18.8	28.2#

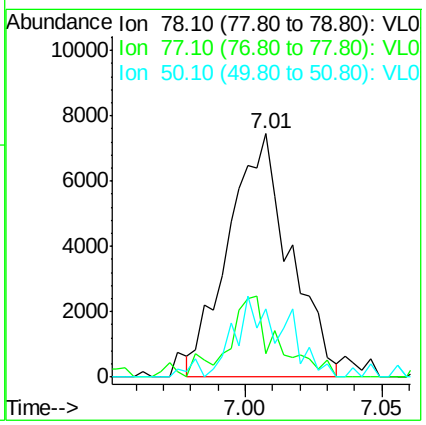


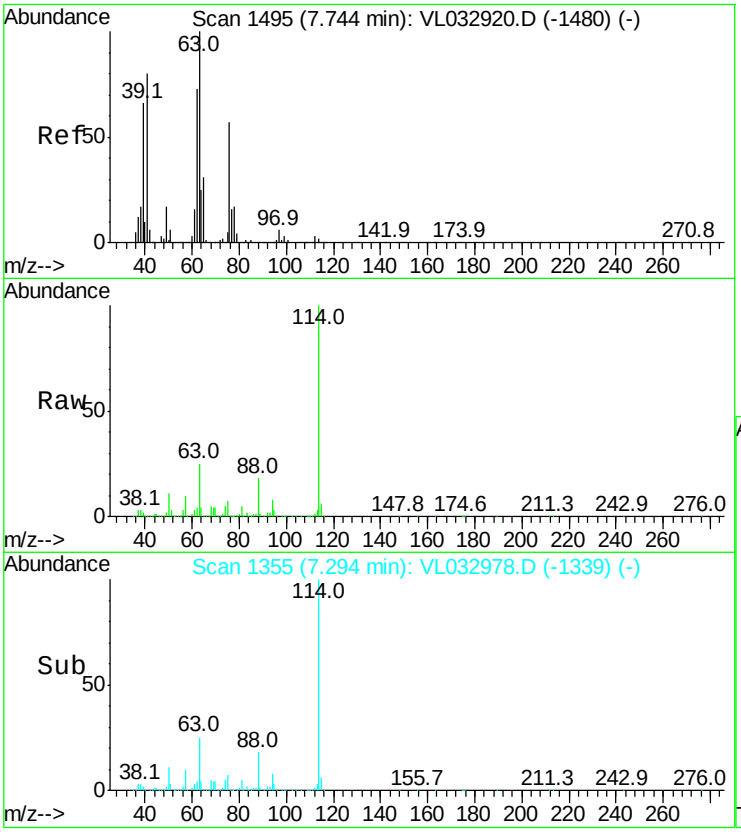


#36
Benzene
Concen: 0.059 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 78 Resp: 11602

Ion	Ratio	Lower	Upper
78	100		
77	10.4	18.9	28.3#
50	29.6	16.1	24.1#



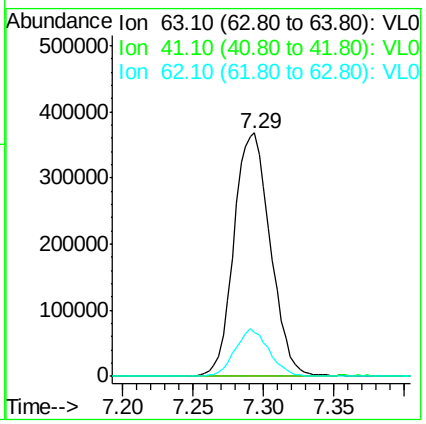


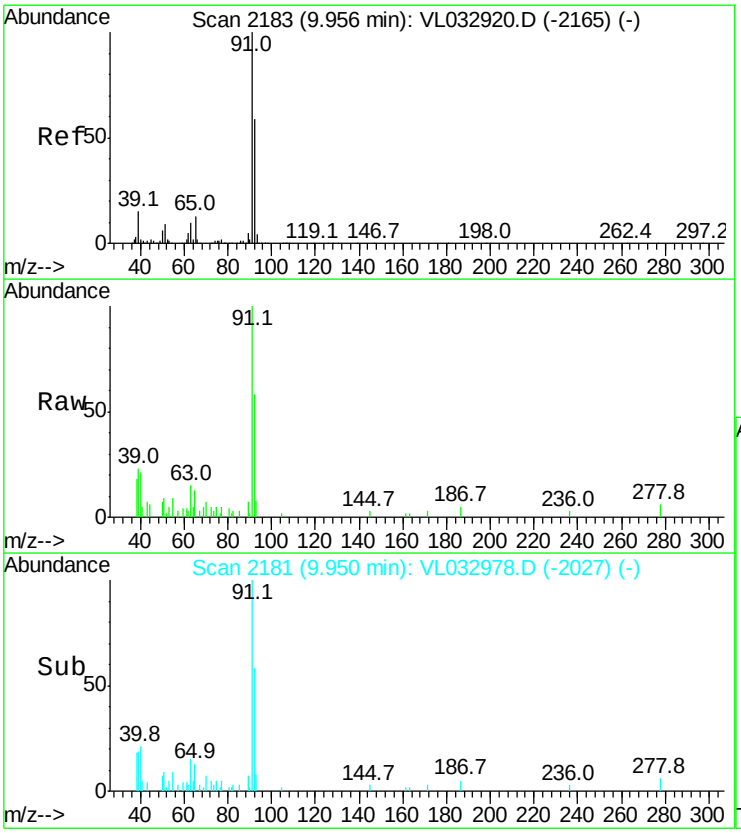
#39
1,2-Dichloropropane
Concen: 8.996 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument : MSVOA_L
ClientSampleId : A55G2DL2

Tgt Ion: 63 Resp: 667426

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	17.9	58.8	88.2#

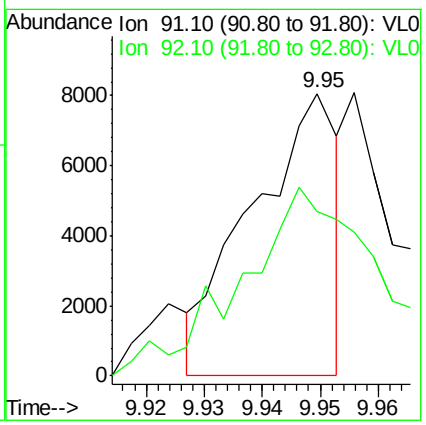


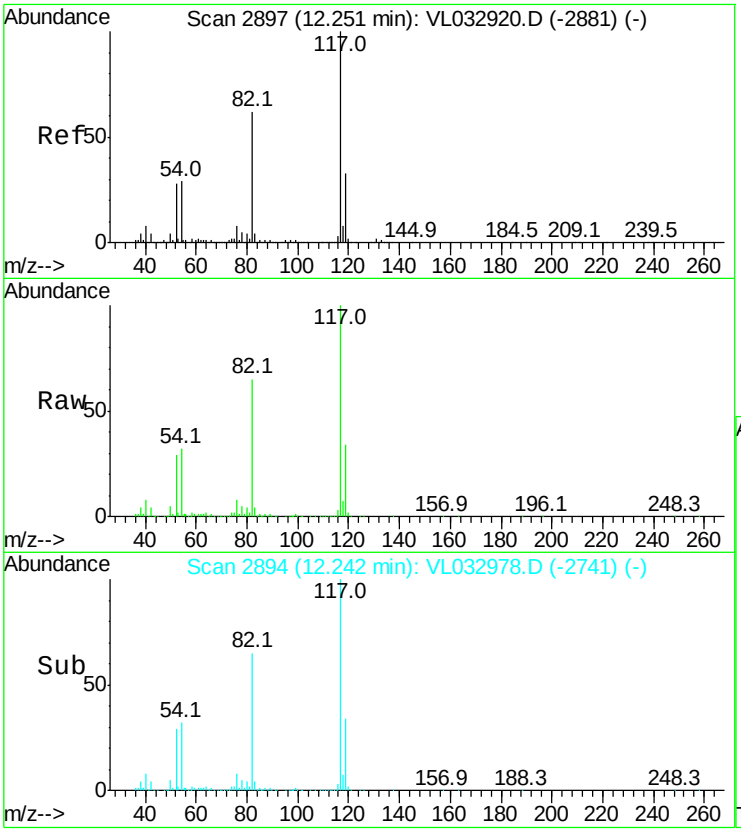


#53
Toluene
Concen: 0.040 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion: 91 Resp: 8298

Ion	Ratio	Lower	Upper
91	100		
92	113.5	47.4	71.0#



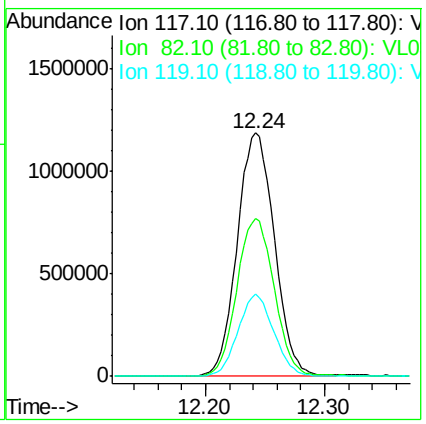


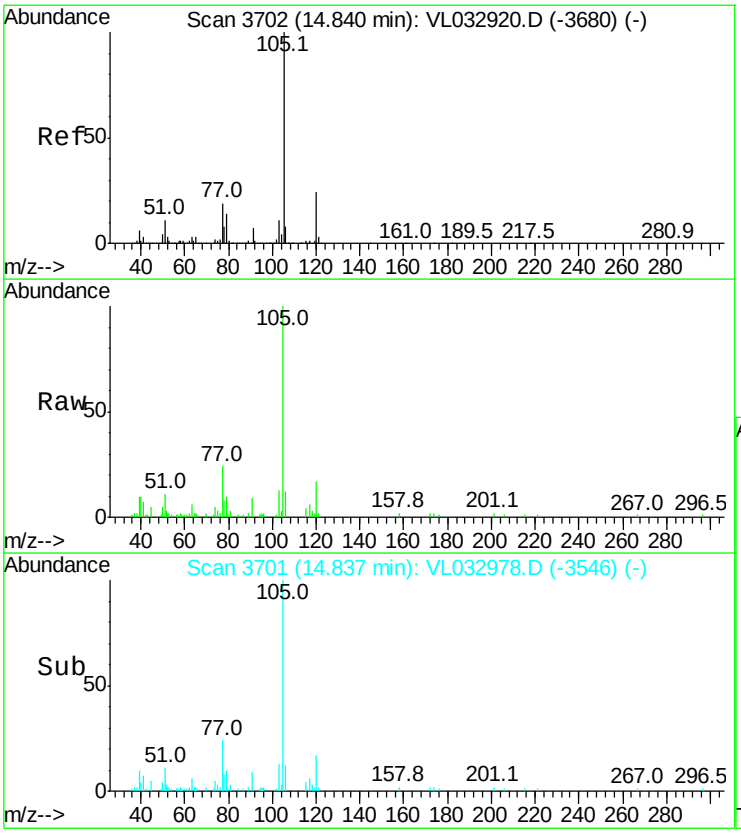
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

Tgt Ion:117 Resp: 2579167

Ion	Ratio	Lower	Upper
117	100		
82	65.5	47.8	71.8
119	32.5	43.1	64.7#

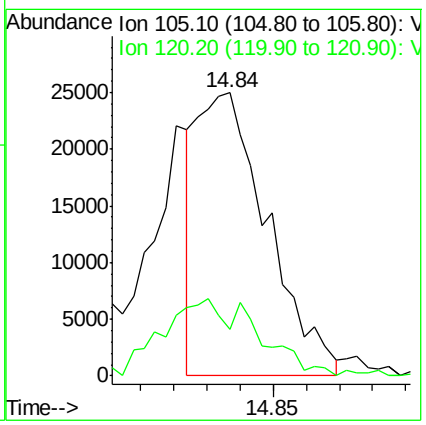


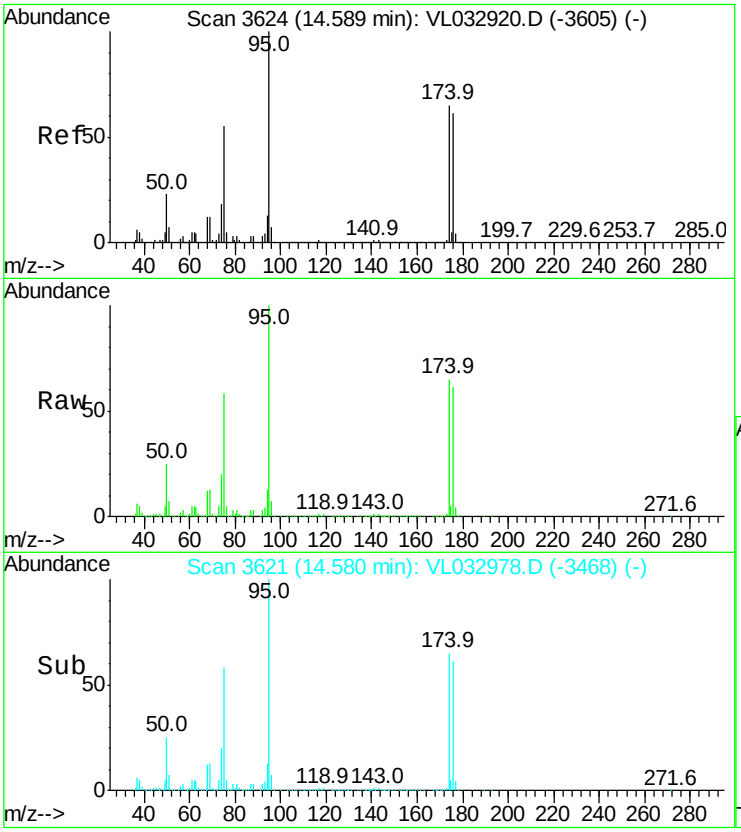


#62
Isopropylbenzene
Concen: 0.104 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.00 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Tgt Ion:105 Resp: 36513

Ion	Ratio	Lower	Upper
105	100		
120	39.4	20.3	30.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.837 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032978.D
Acq: 12 Dec 2018 9:40

Instrument :
MSVOA_L
ClientSampleId :
A55G2DL2

Tgt Ion: 95 Resp: 2064922

Ion	Ratio	Lower	Upper
95	100		
174	64.3	51.4	77.0
175	4.7	3.8	5.6