Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032665.D
Acq On : 19 Oct 2018 2:26
Operator : SY/AP
Sample : J5578-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Quant Time: Oct 19 04:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1393316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3514059	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3239054	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2374903	9.85	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	71217	0.502	ppbv	97
3) Chlorodifluoromethane	3.03	51	44630	0.410	ppbv #	89
4) Chloromethane	3.18	50	32064	0.527	ppbv	98
7) Chloroethane	3.61	64	504	0.021	ppbv #	44
8) Dichlorotetrafluoroethane	3.23	85	4116	0.028	ppbv	87
9) Propene	3.06	41	17100	0.381	ppbv #	79
11) Trichlorofluoromethane	4.01	101	45026	0.243	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.57	101	13426	0.087	ppbv	96
13) Ethanol	3.67	45	62838	4.903	ppbv	99
15) Acetone	3.92	43	218677	1.700	ppbv	99
16) 1,3-Butadiene	3.36	39	1103	0.023	ppbv	91
19) Isopropyl Alcohol	4.07	45	22207	0.242	ppbv #	1
20) Methylene Chloride	4.43	84	21628	0.331	ppbv #	83
23) Vinyl Acetate	5.16	43	25918	0.114	ppbv #	95
25) Ethyl Acetate	5.79	43	19203	0.065	ppbv #	78
26) Hexane	5.79	57	19370	0.138	ppbv #	72
29) Chloroform	5.86	83	8602	0.038	ppbv	98
34) 2-Butanone	5.36	43	28389	0.151	ppbv #	86
35) Carbon Tetrachloride	7.15	117	10553	0.042	ppbv	88
39) 1,2-Dichloropropane	7.31	63	895564	8.127	ppbv #	25
53) Toluene	9.96	91	30053	0.092	ppbv #	20

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

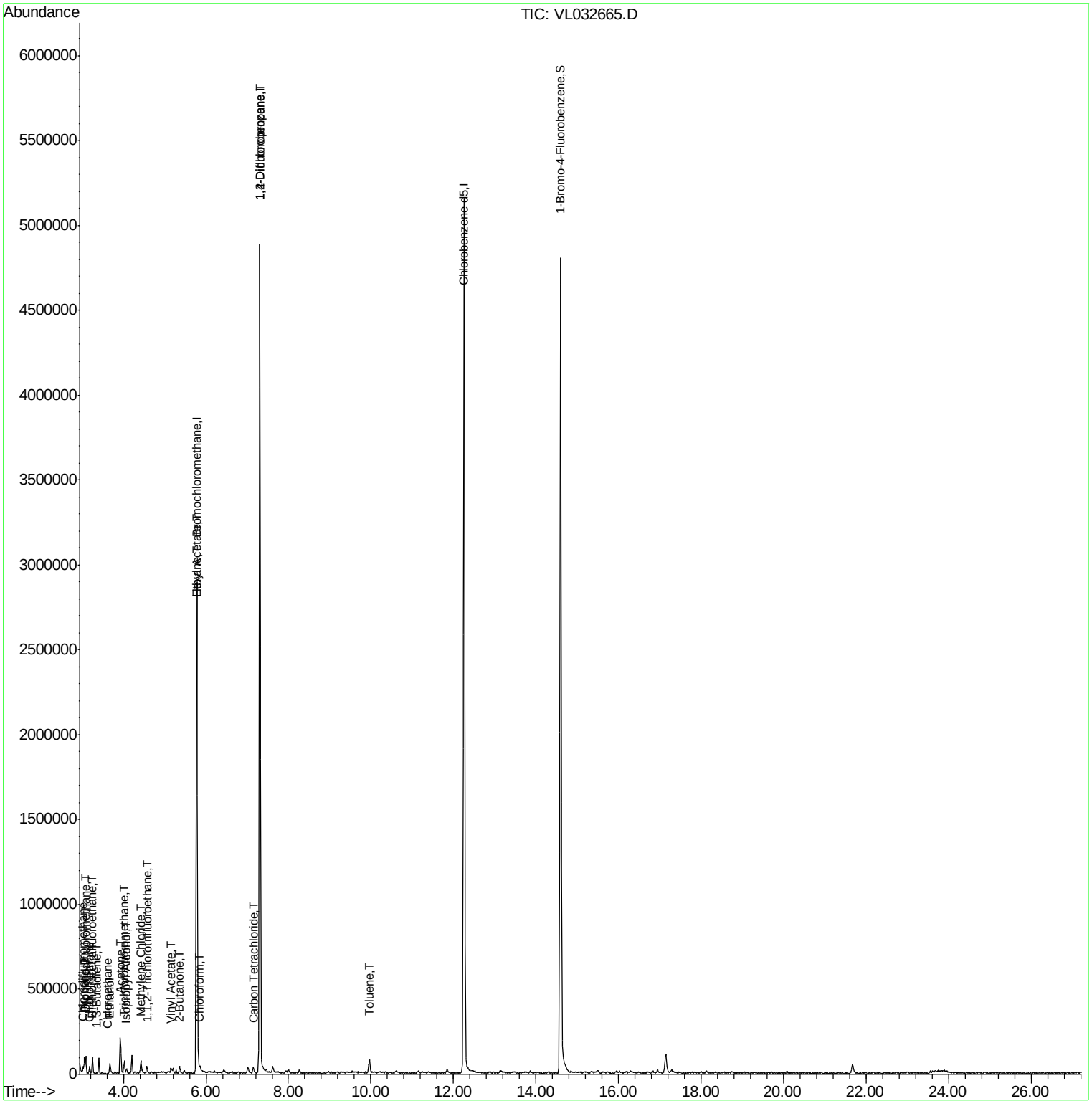
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

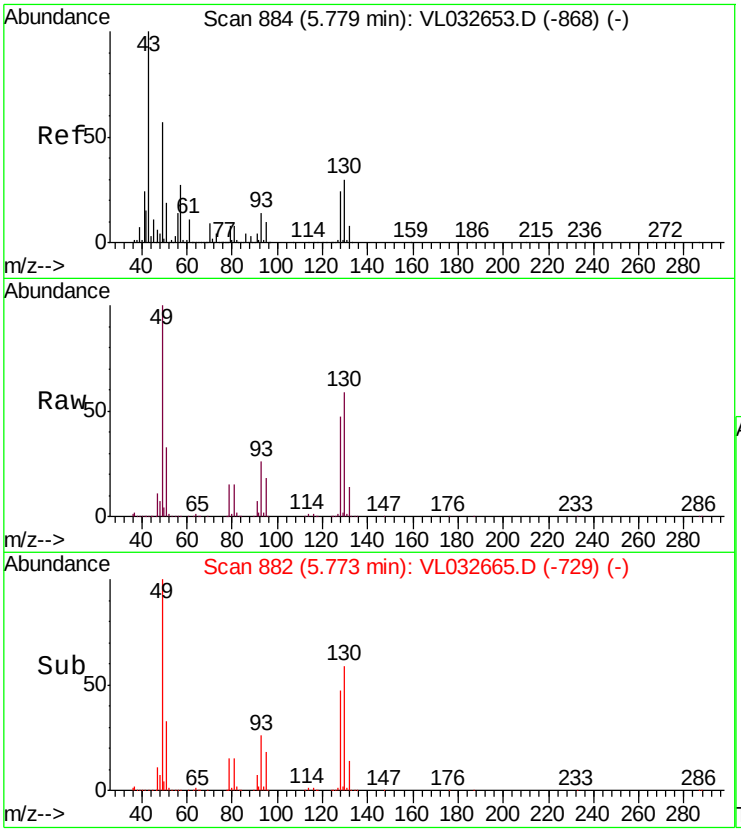
Quantitation Report (Not Reviewed)

Data File : VL032665.D
Acq On : 19 Oct 2018 2:26
Operator : SY/AP
Sample : J5578-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Quant Time: Oct 19 04:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration



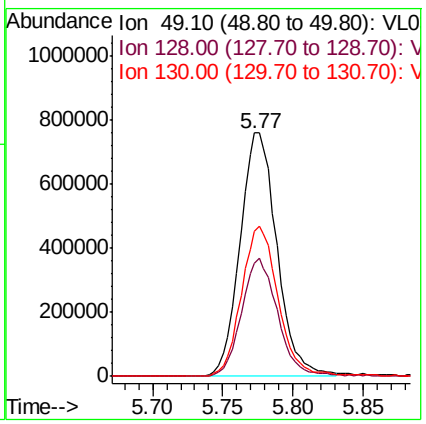


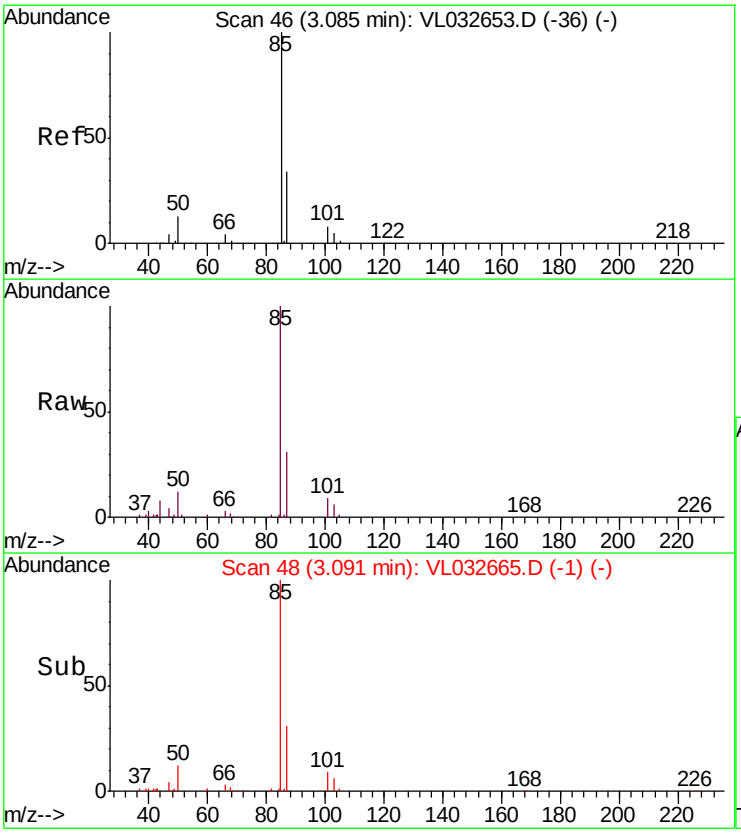
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 49 Resp: 1393316

Ion	Ratio	Lower	Upper
49	100		
128	48.1	22.3	66.8
130	61.9	28.4	85.3

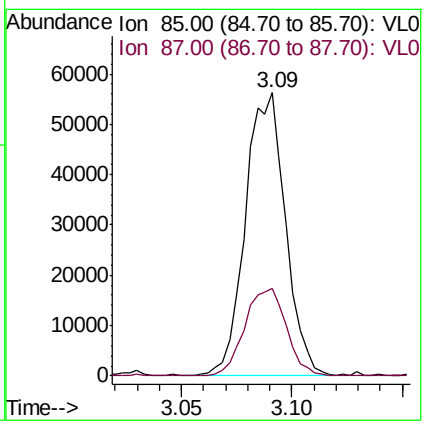


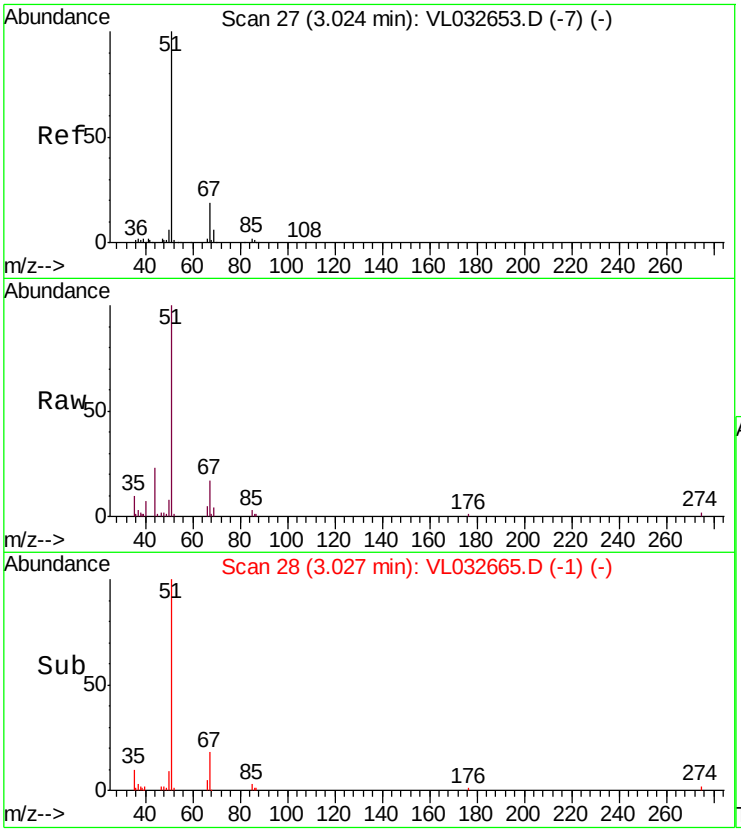


#2
Dichlorodifluoromethane
Concen: 0.502 ppbv
RT: 3.09 min Scan# 48
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 85 Resp: 71217

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.2	39.2



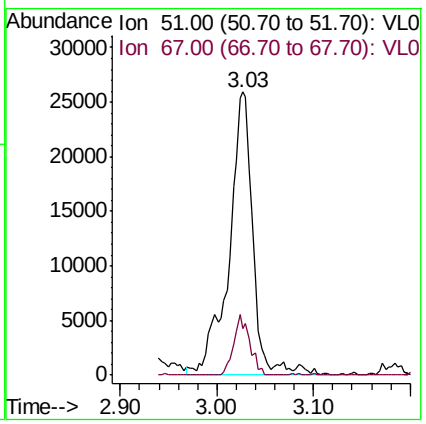


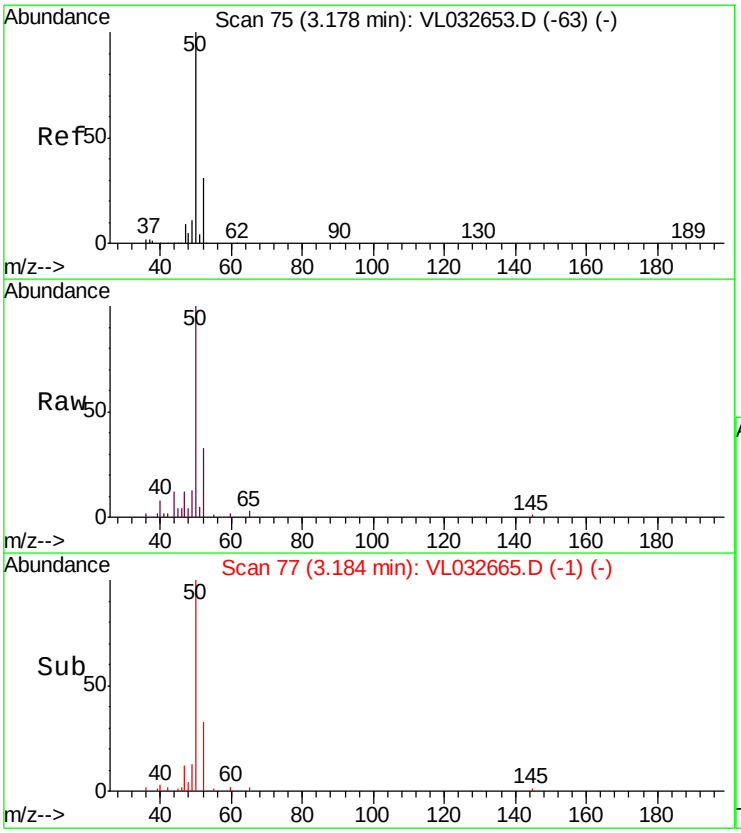
#3
Chlorodifluoromethane
Concen: 0.410 ppbv
RT: 3.03 min Scan# 28
Delta R.T. 0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 51 Resp: 44630

Ion	Ratio	Lower	Upper
51	100		
67	14.1	15.2	22.8#

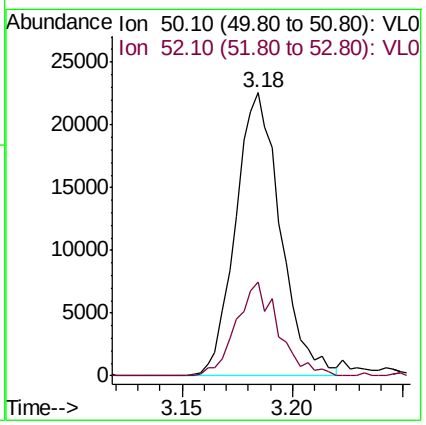


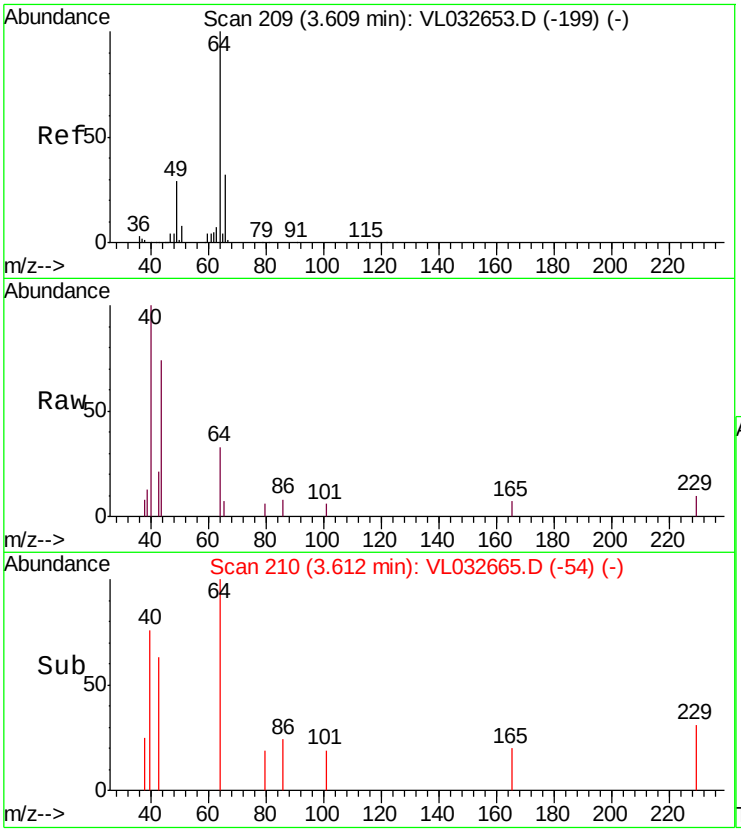


#4
Chloromethane
Concen: 0.527 ppbv
RT: 3.18 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 50 Resp: 32064

Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.9	38.9



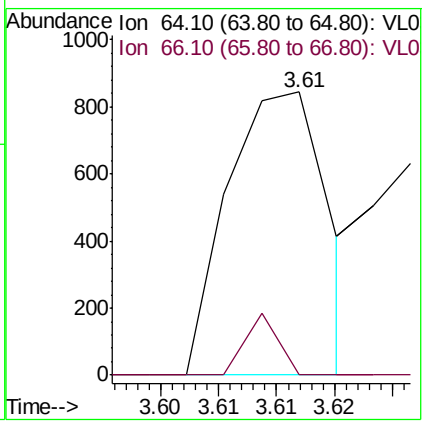


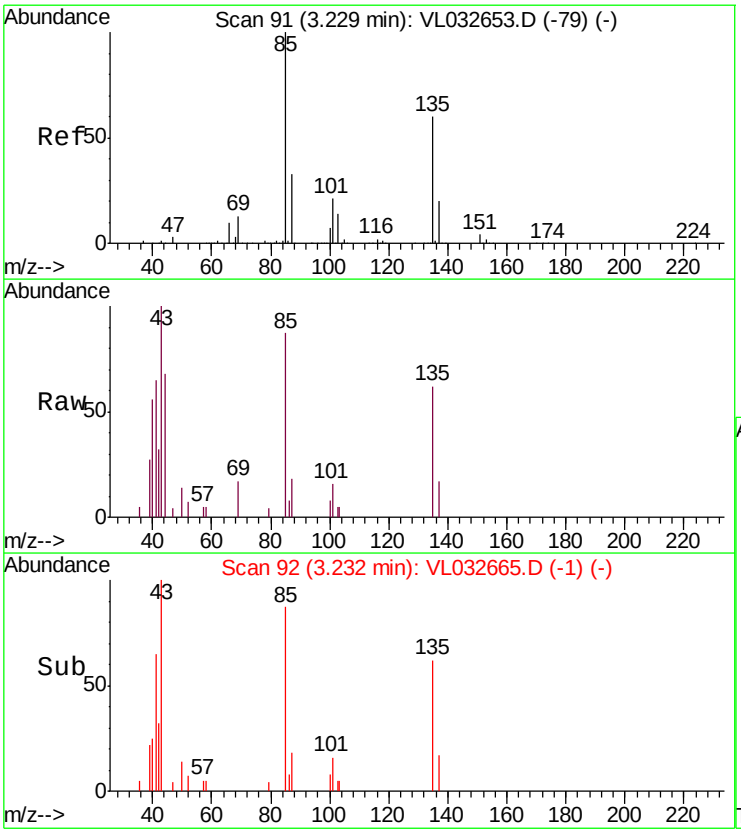
#7
Chloroethane
Concen: 0.021 ppbv
RT: 3.61 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 64 Resp: 504

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.4	36.6#

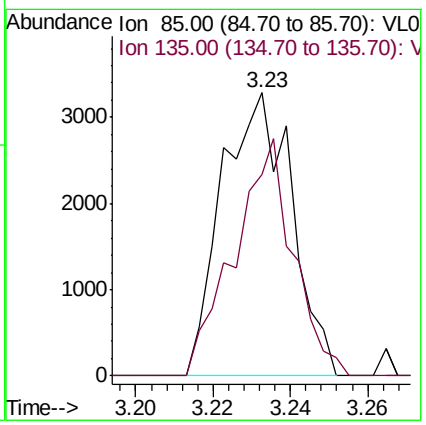


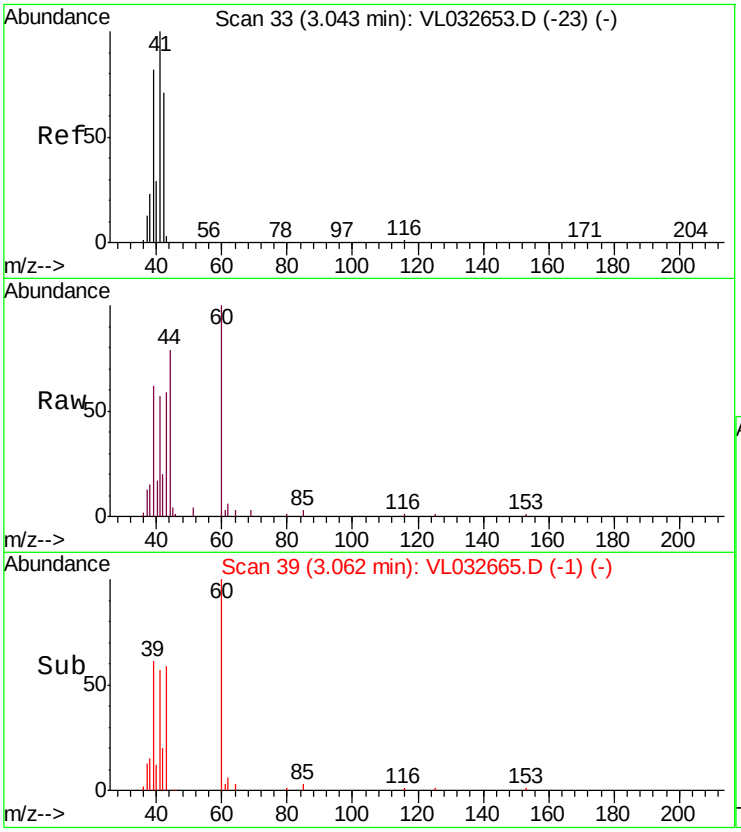


#8
Dichlorotetrafluoroethane
Concen: 0.028 ppbv
RT: 3.23 min Scan# 92
Delta R.T. 0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 85 Resp: 4116

Ion	Ratio	Lower	Upper
85	100		
135	70.8	49.0	73.4



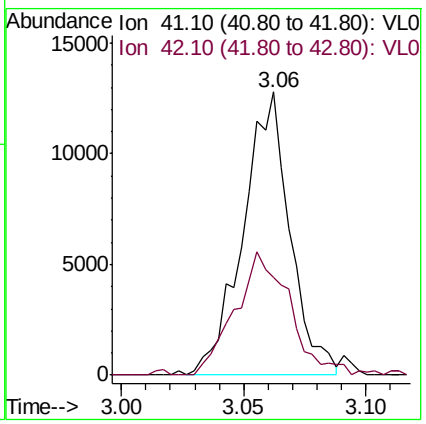


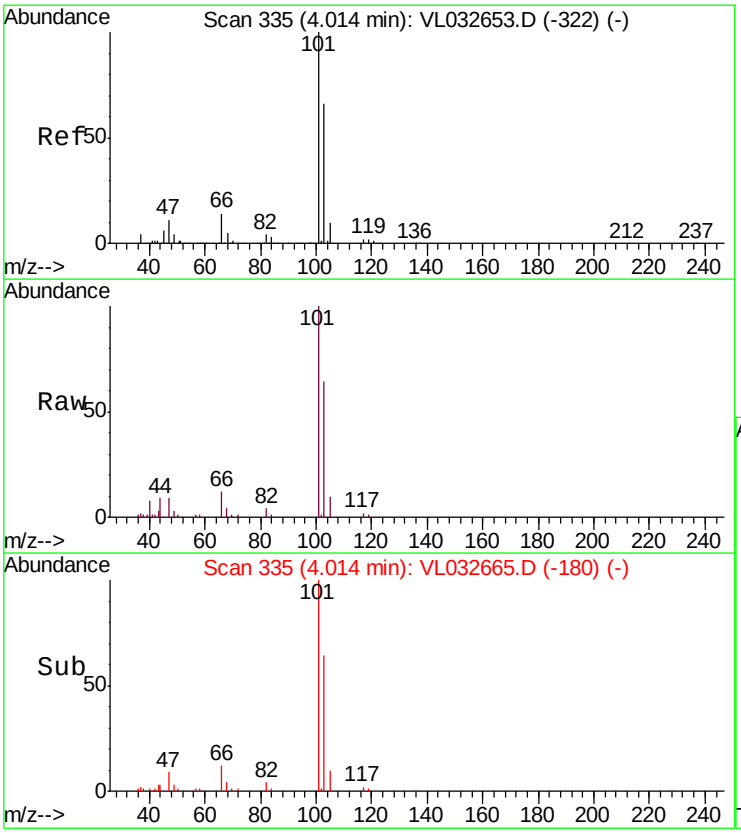
#9
Propene
Concen: 0.381 ppbv
RT: 3.06 min Scan# 39
Delta R.T. 0.02 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 41 Resp: 17100

Ion	Ratio	Lower	Upper
41	100		
42	51.9	55.4	83.0#

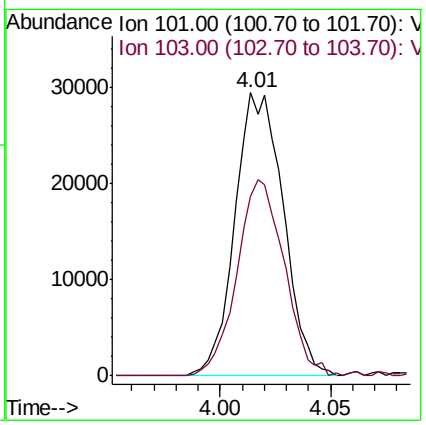


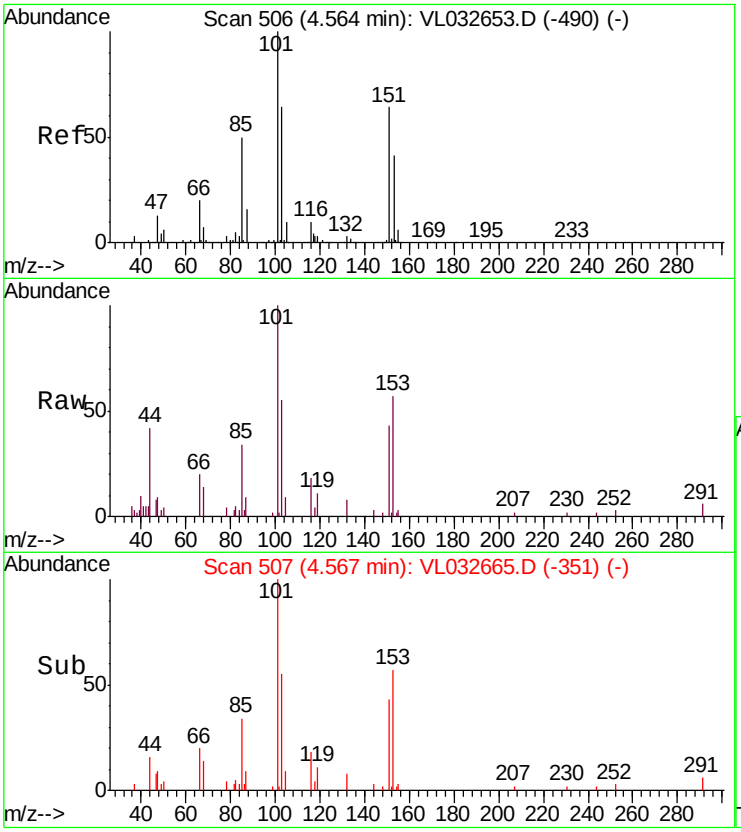


#11
Trichlorofluoromethane
Concen: 0.243 ppbv
RT: 4.01 min Scan# 335
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion:101 Resp: 45026

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.4	77.2



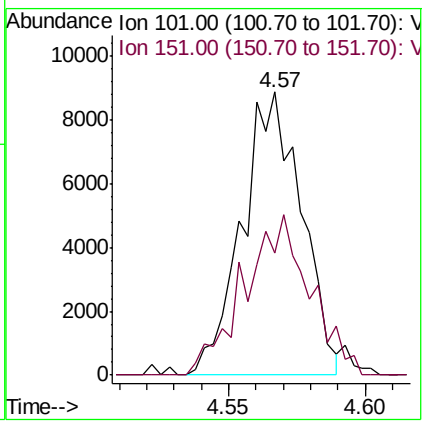


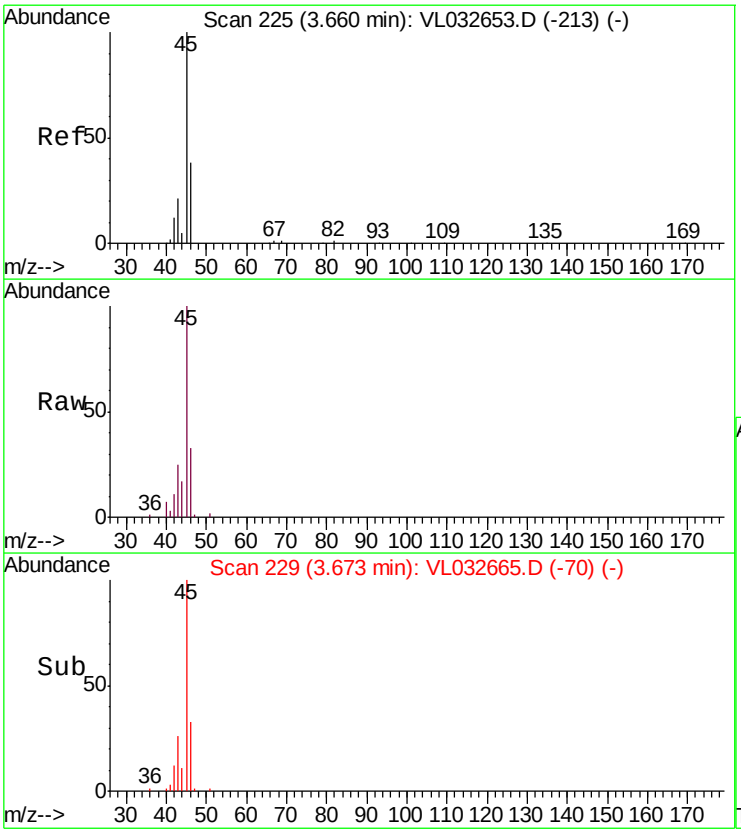
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.087 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion:101 Resp: 13426

Ion	Ratio	Lower	Upper
101	100		
151	62.6	52.3	78.5

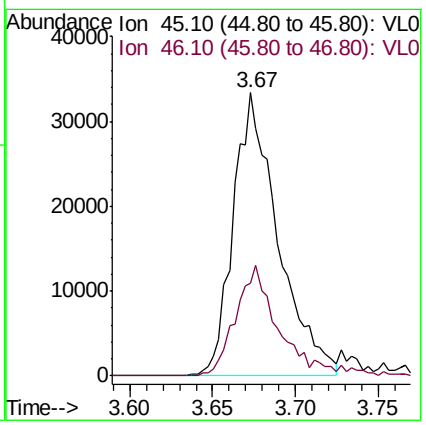


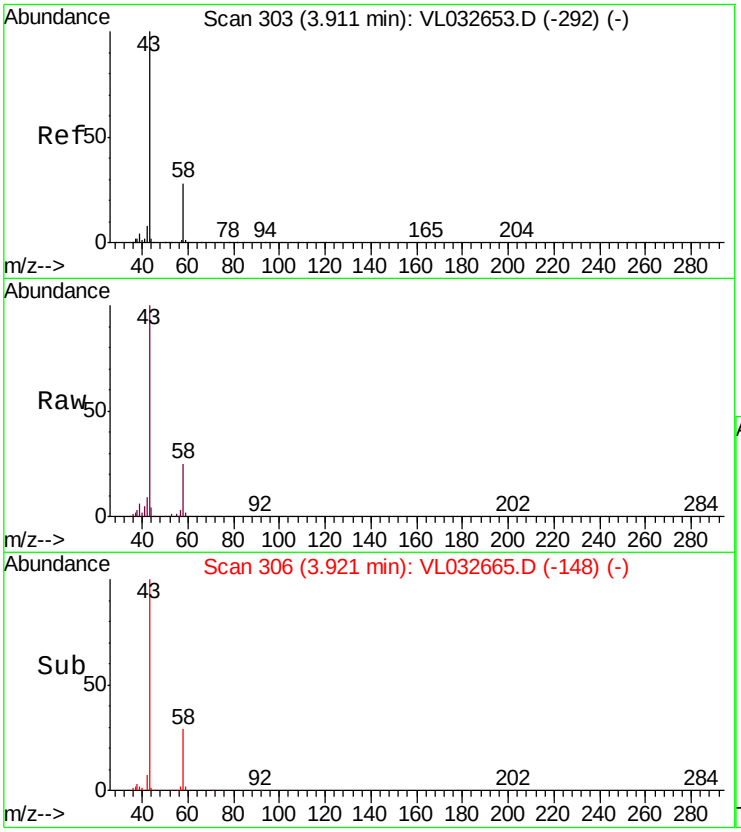


#13
Ethanol
Concen: 4.903 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 45 Resp: 62838

Ion	Ratio	Lower	Upper
45	100		
46	38.1	15.4	61.8



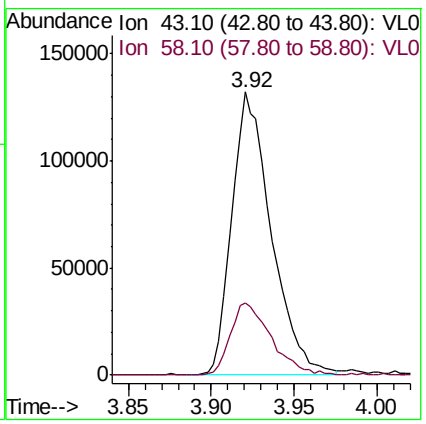


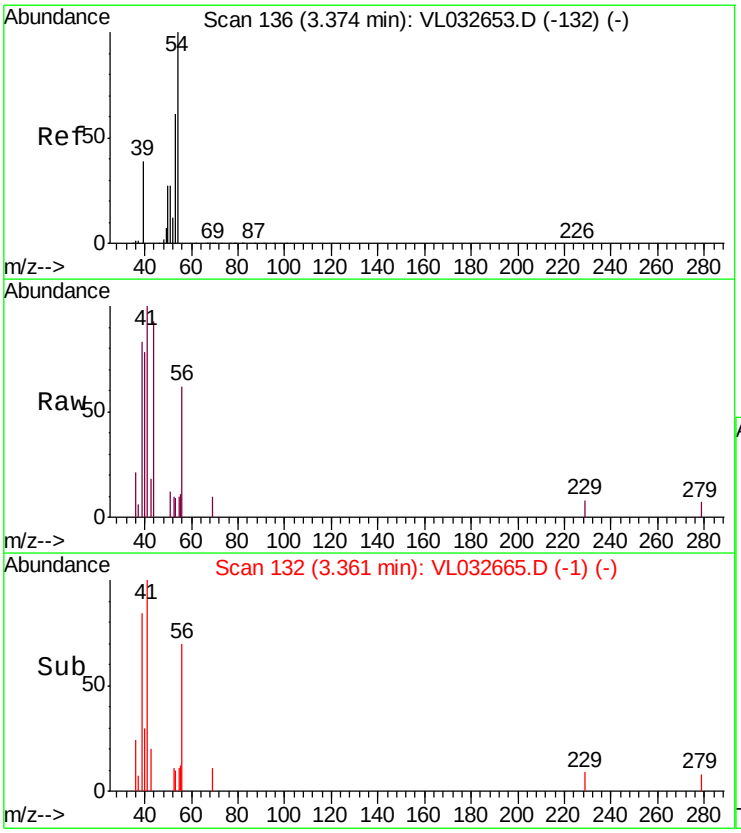
#15
Acetone
Concen: 1.700 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 43 Resp: 218677

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1

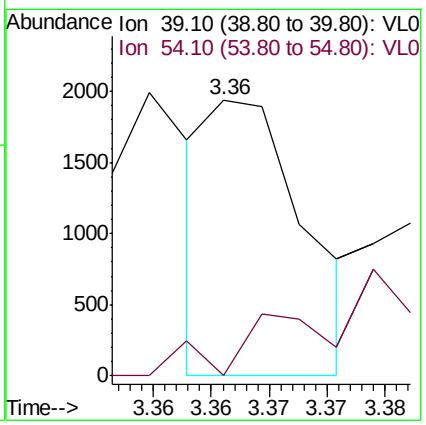


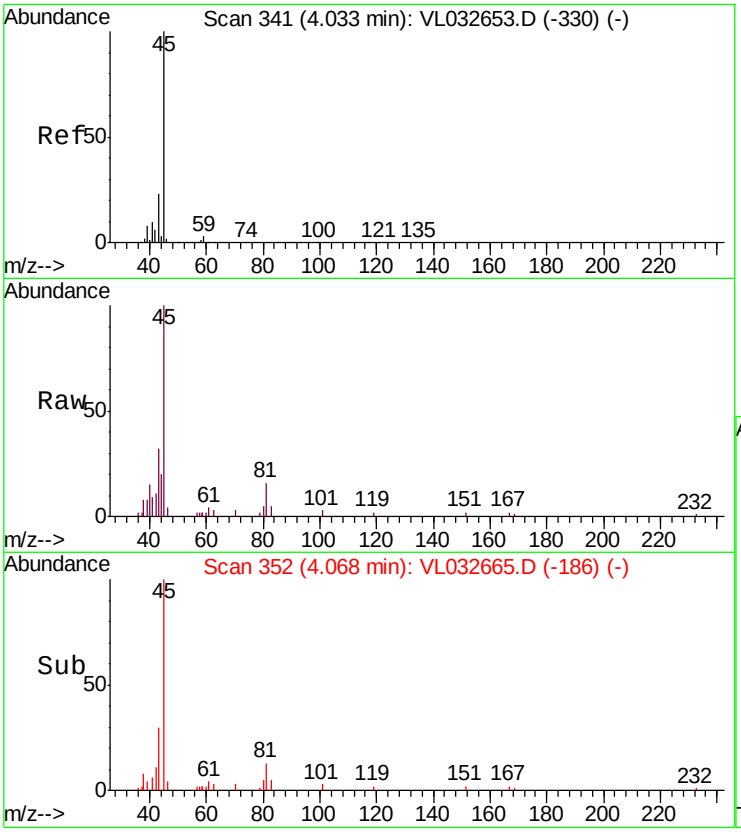


#16
1,3-Butadiene
Concen: 0.023 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 39 Resp: 1103

Ion	Ratio	Lower	Upper
39	100		
54	102.8	90.4	135.6



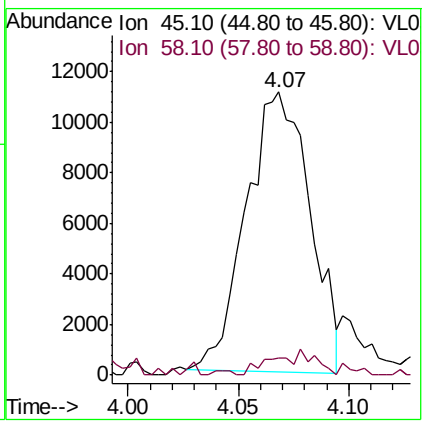


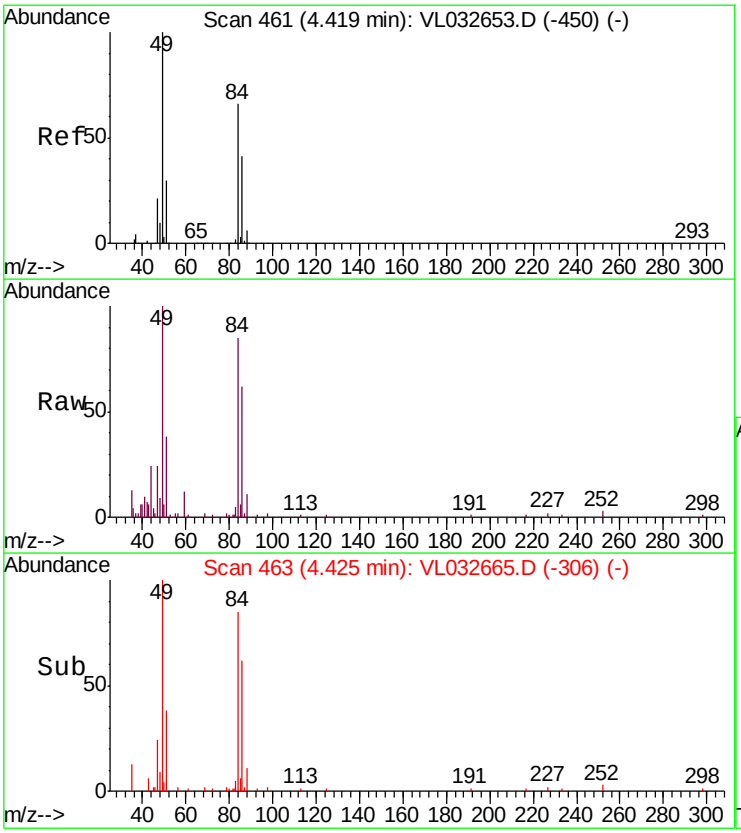
#19
Isopropyl Alcohol
Concen: 0.242 ppbv
RT: 4.07 min Scan# 352
Delta R.T. 0.04 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 45 Resp: 22207

Ion	Ratio	Lower	Upper
45	100		
58	264.5	2.0	3.0#

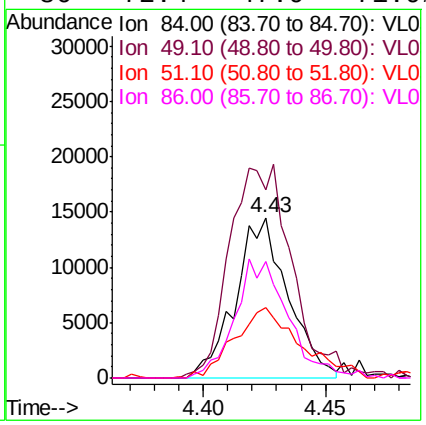


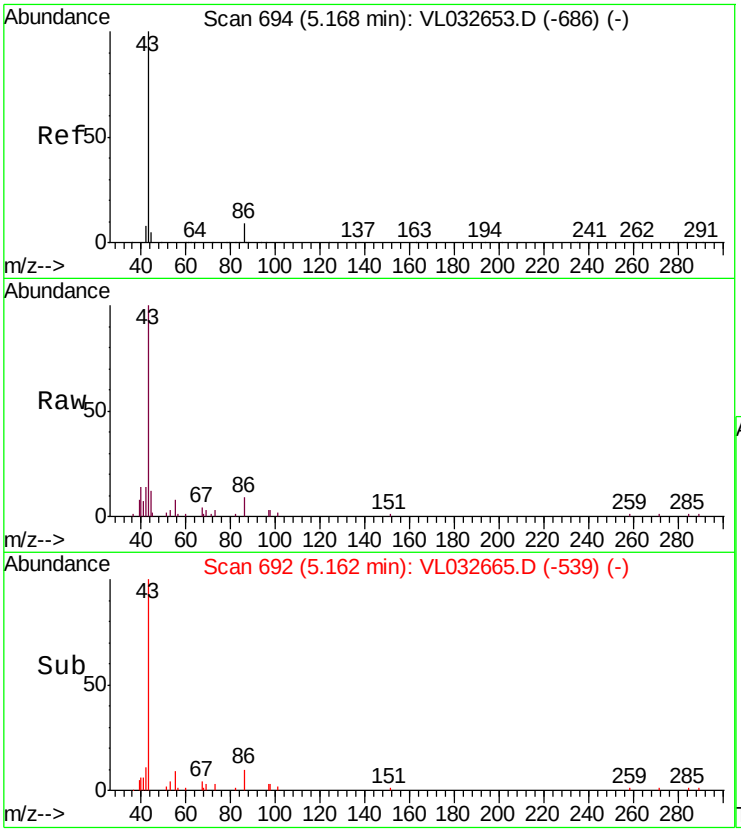


#20
Methylene Chloride
Concen: 0.331 ppbv
RT: 4.43 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 84 Resp: 21628

Ion	Ratio	Lower	Upper
84	100		
49	115.3	113.5	170.3
51	44.2	34.8	52.2
86	72.4	47.9	71.9#



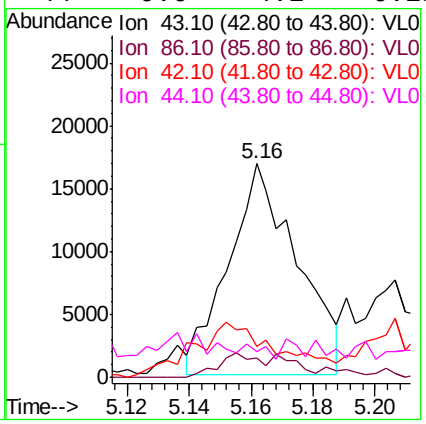


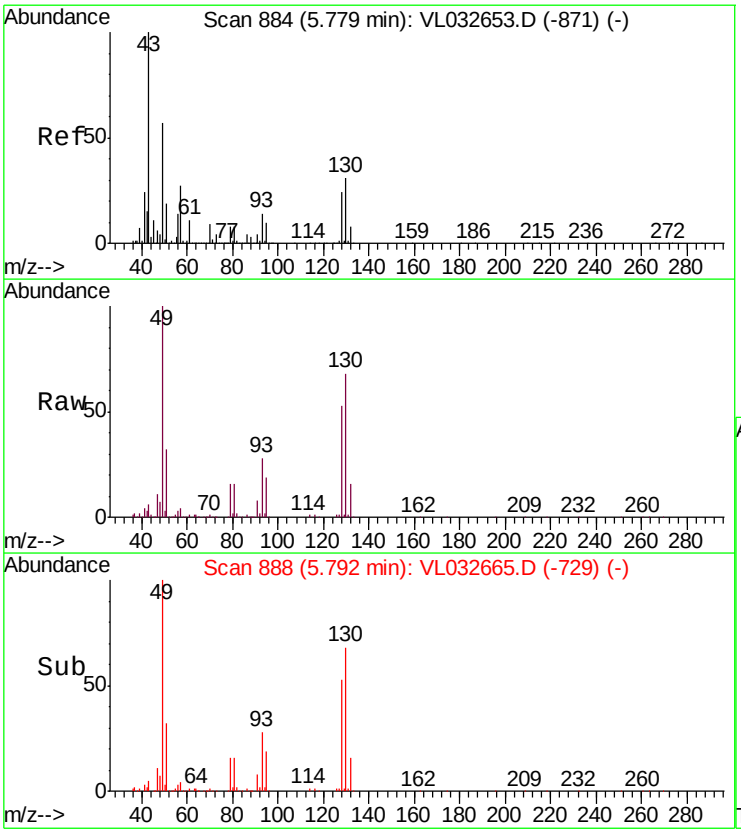
#23
Vinyl Acetate
Concen: 0.114 ppbv
RT: 5.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 43 Resp: 25918

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.1	9.1
42	8.5	7.4	11.2
44	0.0	4.2	6.2#

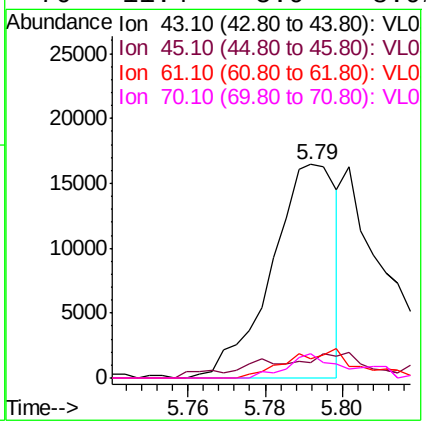


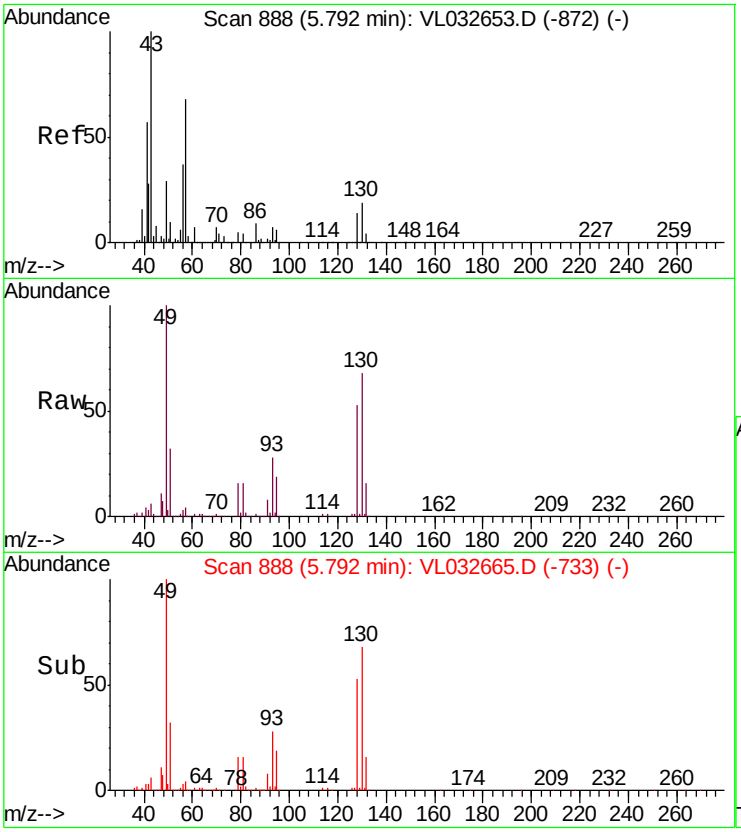


#25
Ethyl Acetate
Concen: 0.065 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 43 Resp: 19203

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.0	12.0#
61	0.0	8.0	12.0#
70	11.4	5.9	8.9#



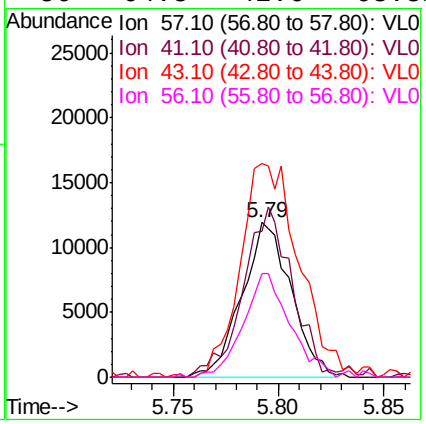


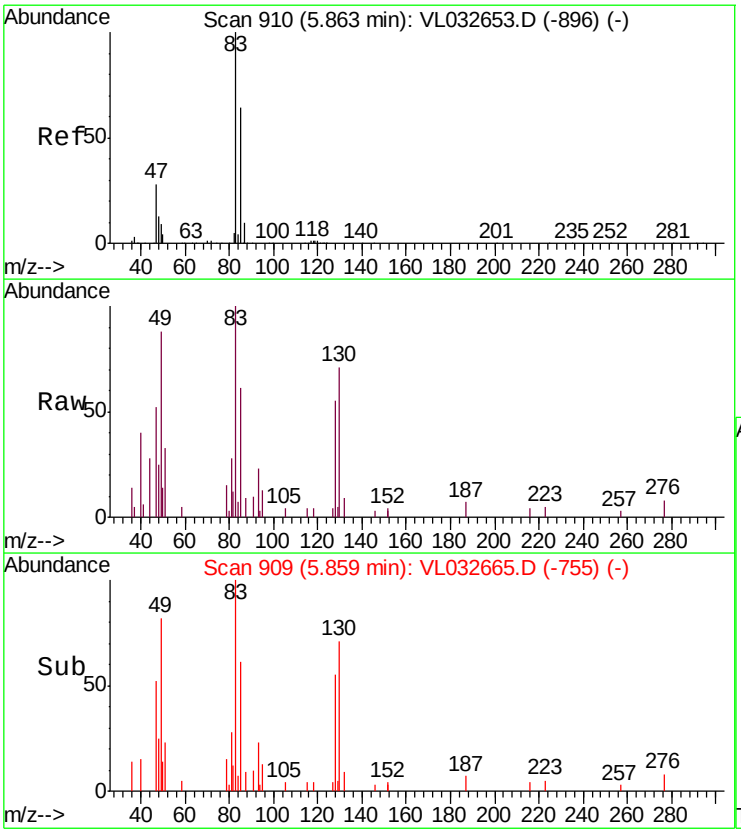
#26
Hexane
Concen: 0.138 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 57 Resp: 19370

Ion	Ratio	Lower	Upper
57	100		
41	112.1	67.4	101.0#
43	166.7	171.9	257.9#
56	64.8	42.6	63.8#

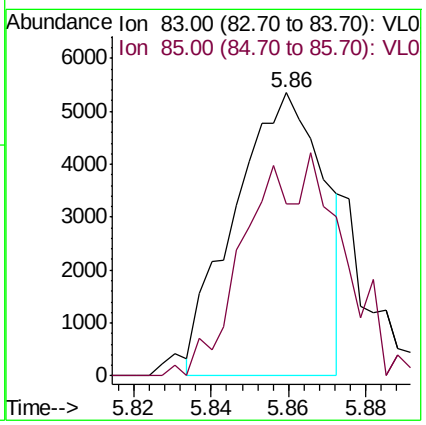


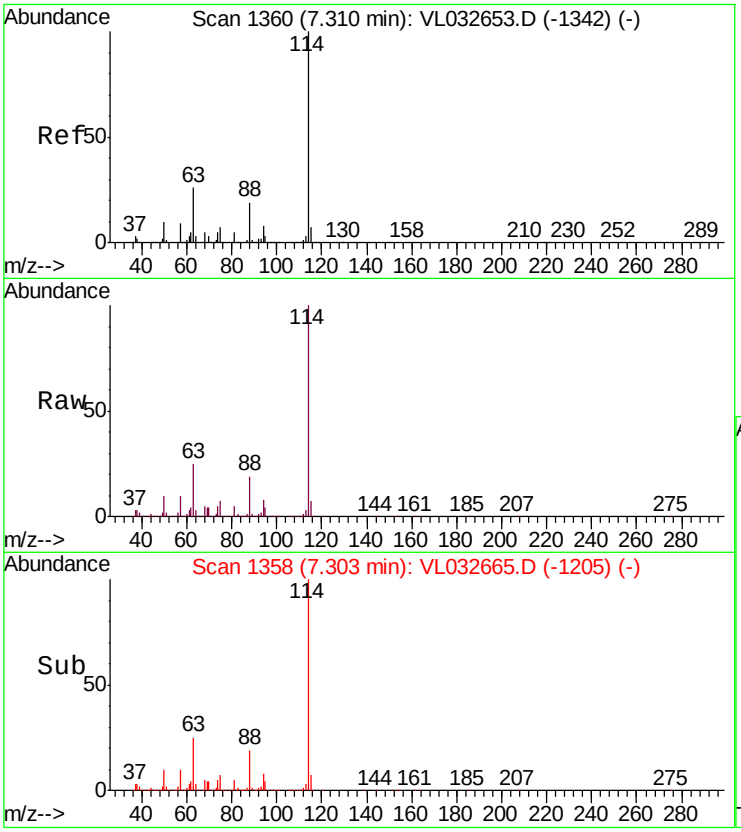


#29
Chloroform
Concen: 0.038 ppbv
RT: 5.86 min Scan# 909
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 83 Resp: 8602

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.0	79.6



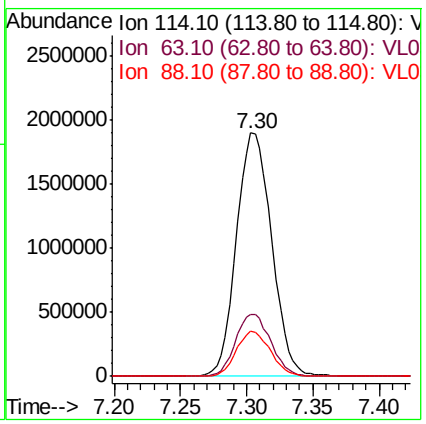


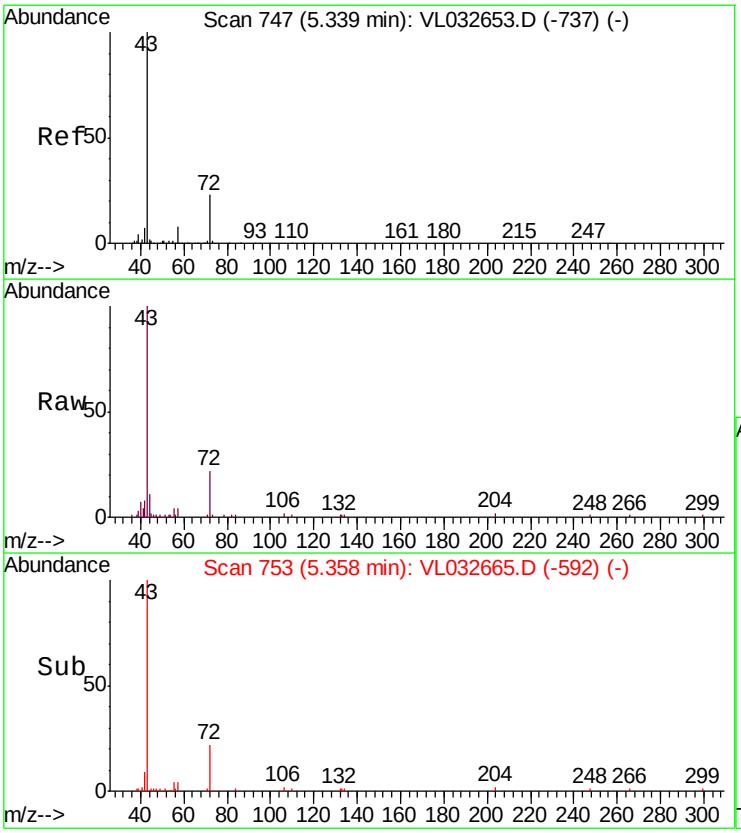
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion:114 Resp: 3514059

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.7	32.5
88	18.1	14.9	22.3

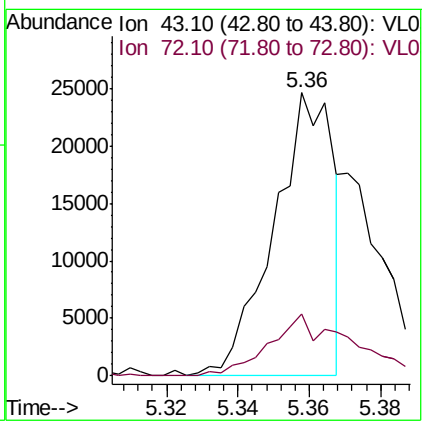


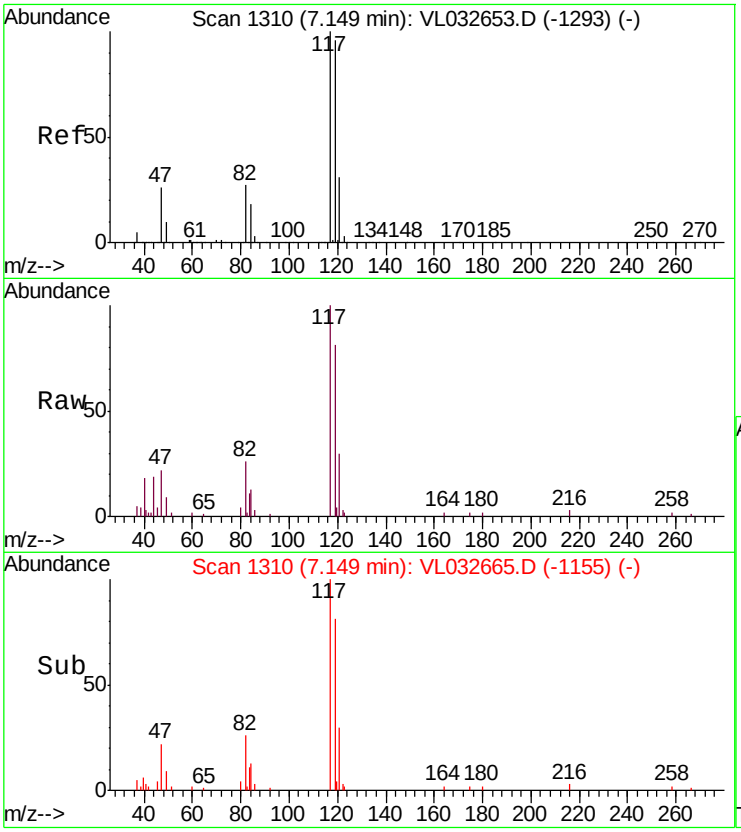


#34
2-Butanone
Concen: 0.151 ppbv
RT: 5.36 min Scan# 753
Delta R.T. 0.02 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 43 Resp: 28389

Ion	Ratio	Lower	Upper
43	100		
72	30.2	18.6	27.8#



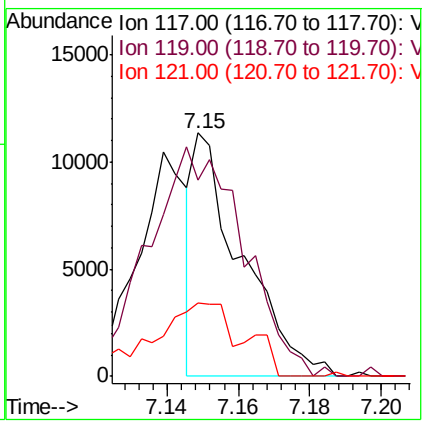


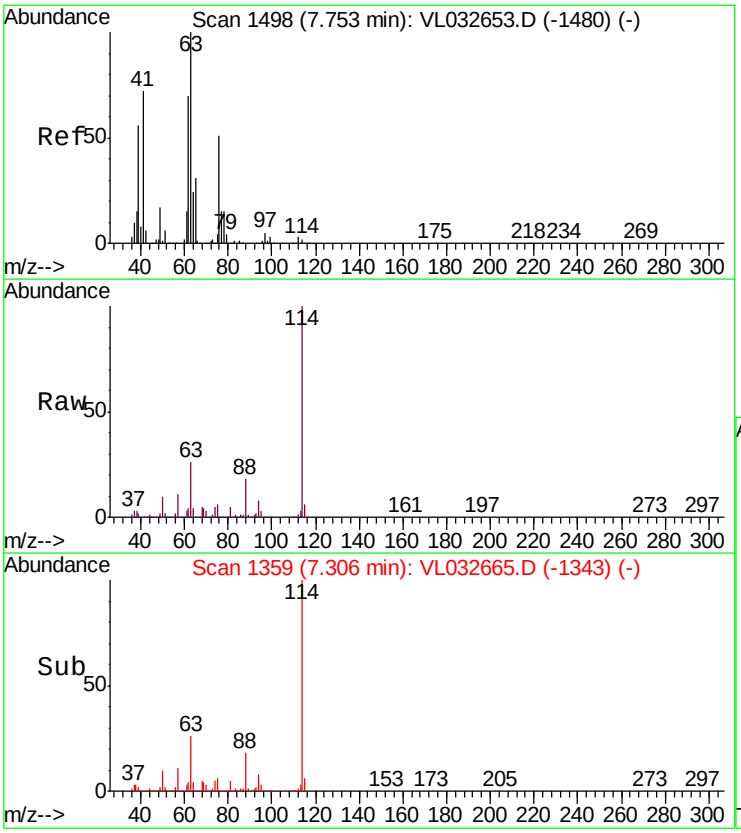
#35
Carbon Tetrachloride
Concen: 0.042 ppbv
RT: 7.15 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion:117 Resp: 10553

Ion	Ratio	Lower	Upper
117	100		
119	80.5	75.7	113.5
121	28.7	24.7	37.1

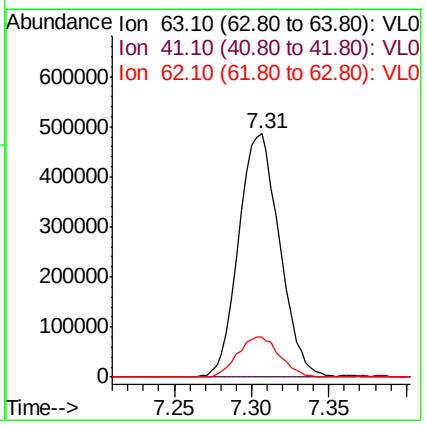


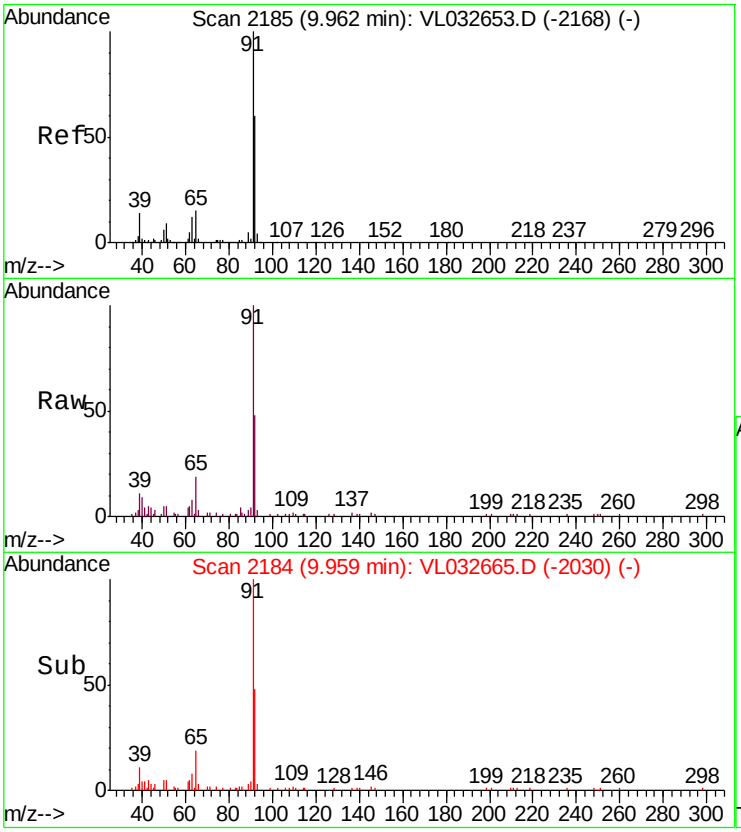


#39
1,2-Dichloropropane
Concen: 8.127 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.45 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion: 63 Resp: 895564

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	16.4	54.4	81.6#



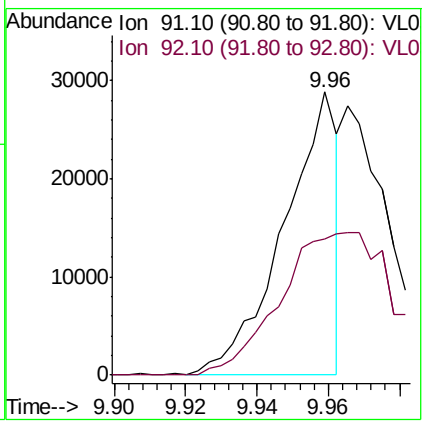


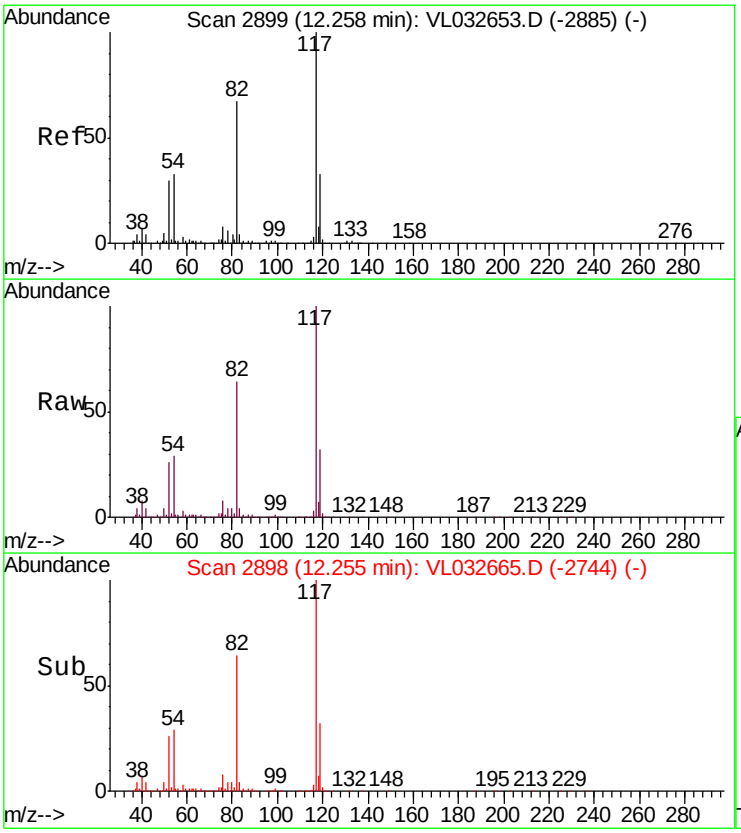
#53
Toluene
Concen: 0.092 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 91 Resp: 30053

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#

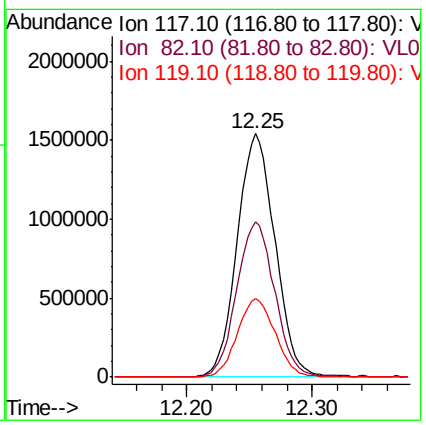


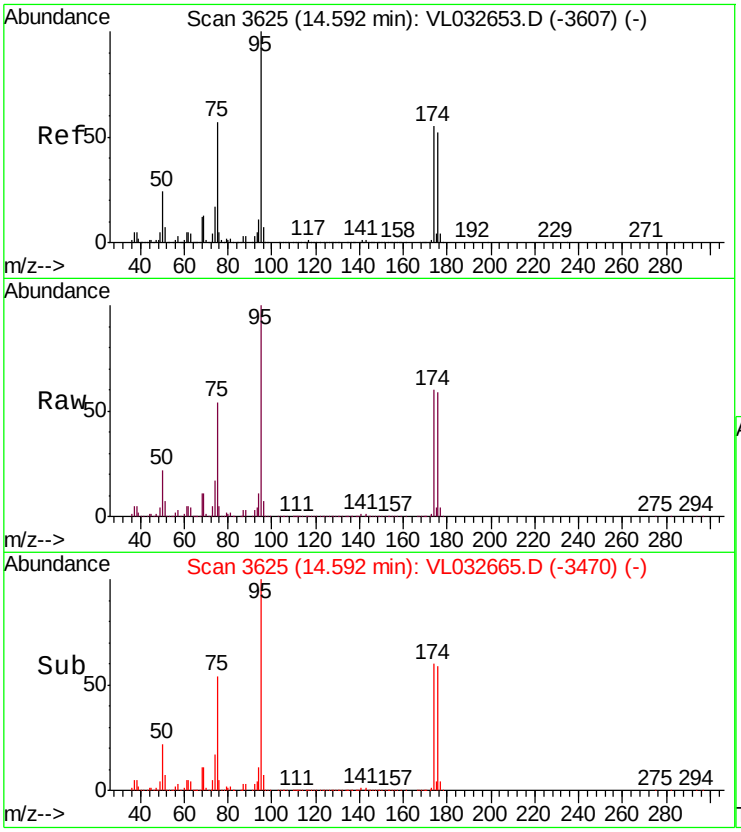


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Tgt Ion:117 Resp: 3239054

Ion	Ratio	Lower	Upper
117	100		
82	64.7	52.7	79.1
119	32.4	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.847 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032665.D
Acq: 19 Oct 2018 2:26

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 95 Resp: 2374903

Ion	Ratio	Lower	Upper
95	100		
174	62.6	46.0	69.0
175	4.5	3.4	5.0