Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032575.D
Acq On : 28 Sep 2018 9:14
Operator : SY/AP
Sample : J5094-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 28 23:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1316451	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	2965590	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3100243	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2235529	9.56	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	14017	0.115	ppbv	100
3) Chlorodifluoromethane	3.03	51	77961	0.712	ppbv #	83
4) Chloromethane	3.19	50	4076	0.064	ppbv	99
6) Bromomethane	3.53	94	1087	0.031	ppbv #	58
9) Propene	3.05	41	45517	0.958	ppbv	96
11) Trichlorofluoromethane	4.03	101	5317	0.037	ppbv	94
13) Ethanol	3.67	45	87141	6.103	ppbv	96
15) Acetone	3.92	43	482128	4.172	ppbv	99
16) 1,3-Butadiene	3.35	39	28145	0.601	ppbv #	21
17) tert-Butyl alcohol	4.40	59	7692	0.530	ppbv #	100
19) Isopropyl Alcohol	4.05	45	14343	0.178	ppbv #	93
20) Methylene Chloride	4.43	84	23490	0.420	ppbv	92
25) Ethyl Acetate	5.80	43	18011	0.064	ppbv #	93
29) Chloroform	5.87	83	65966	0.339	ppbv	98
34) 2-Butanone	5.36	43	87732	0.497	ppbv	98
36) Benzene	7.03	78	79865	0.333	ppbv	98
39) 1,2-Dichloropropane	7.32	63	810389	7.503	ppbv #	25
52) Tetrachloroethene	11.41	164	3073747	36.835	ppbv	100
80) Naphthalene,2-methyl-	25.14	142	2209	0.035	ppbv #	63

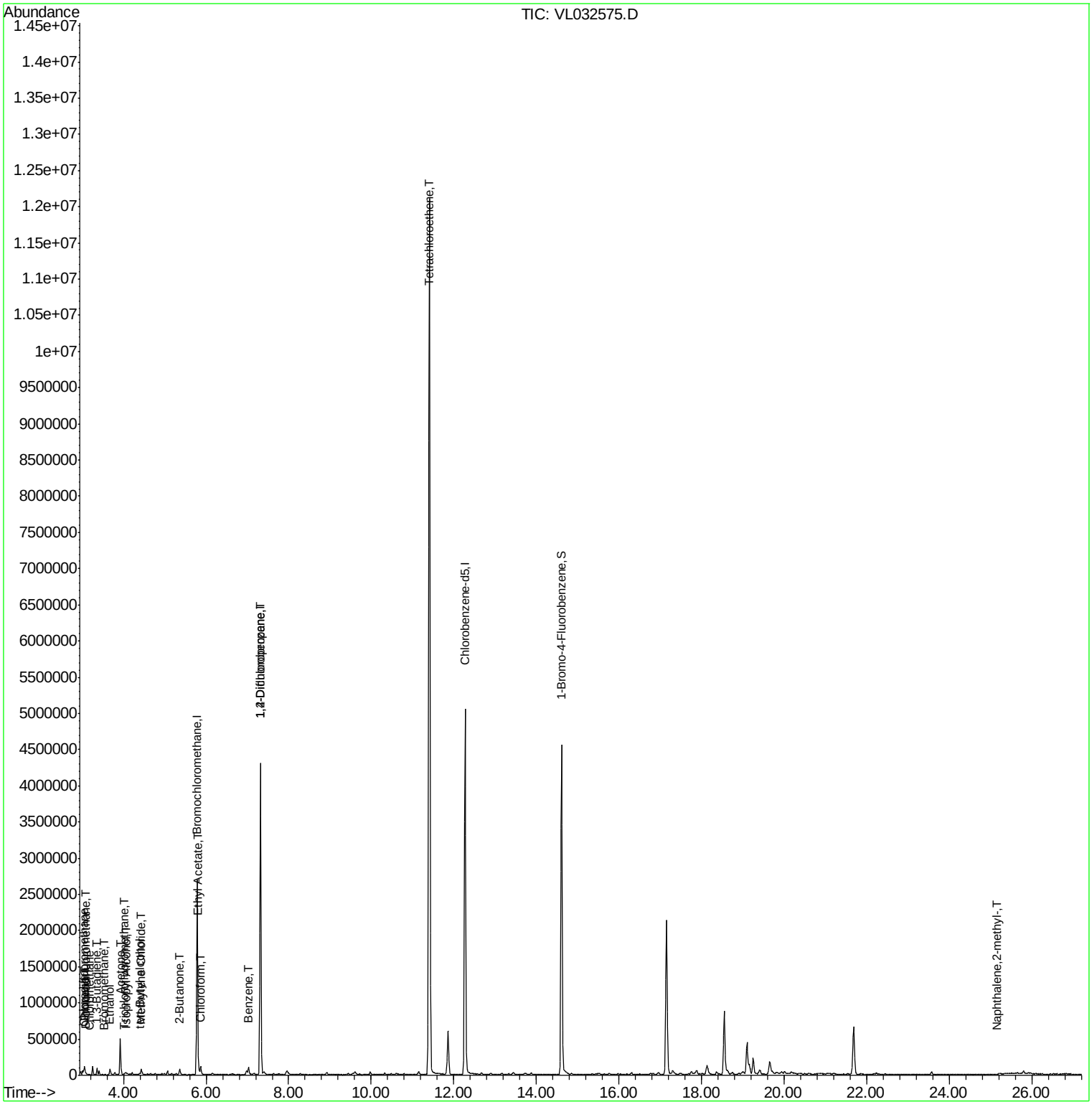
(#) = qualifier out of range (m) = manual integration (+) = signals summed

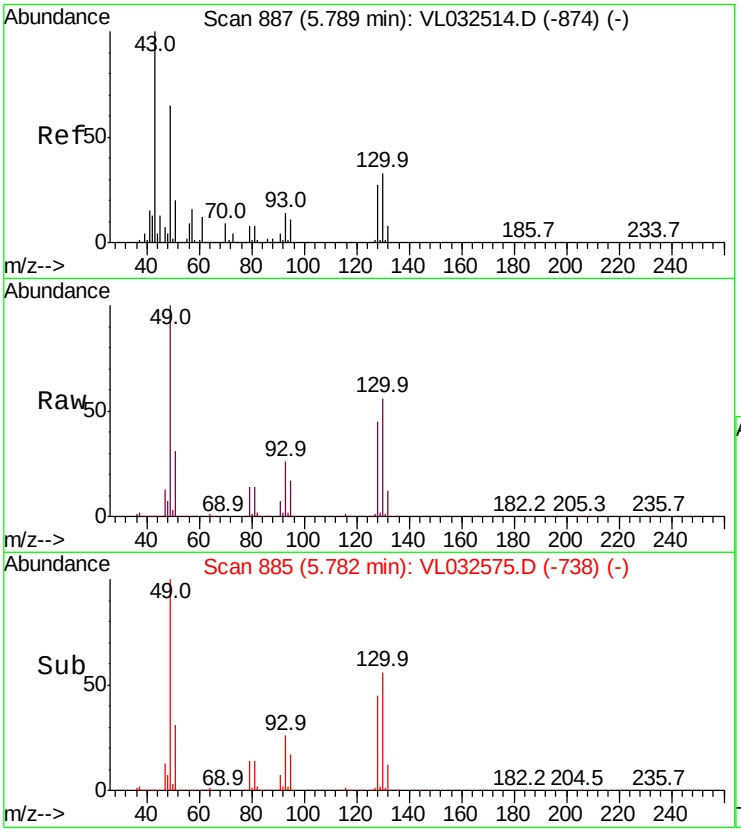
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032575.D
Acq On : 28 Sep 2018 9:14
Operator : SY/AP
Sample : J5094-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 28 23:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration



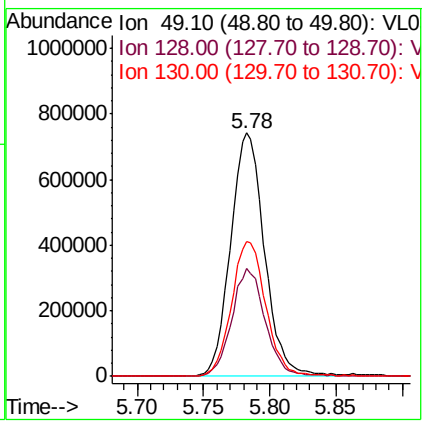


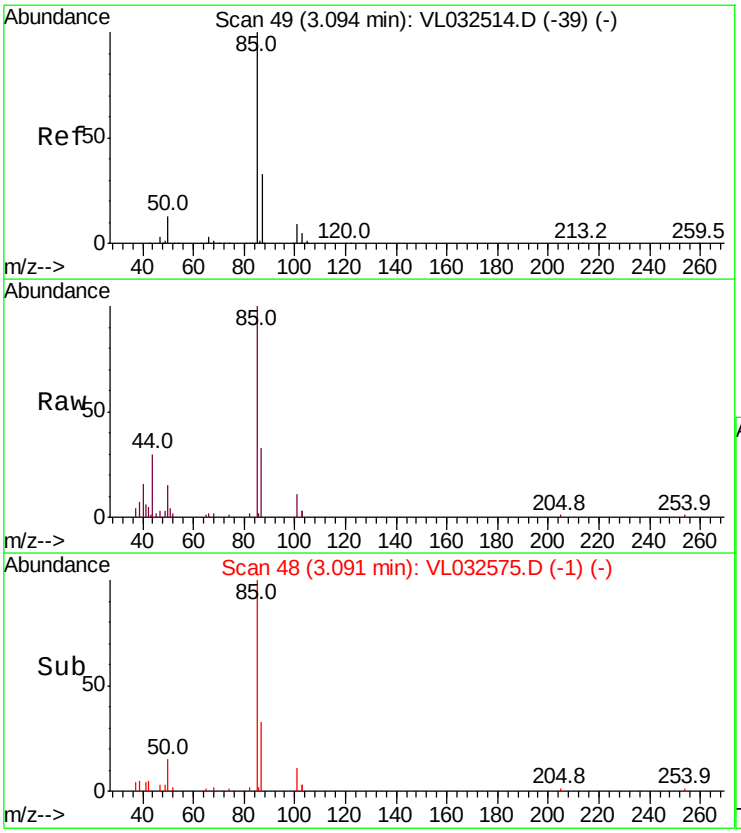
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1316451

Ion	Ratio	Lower	Upper
49	100		
128	44.2	20.7	62.1
130	56.8	26.6	79.7

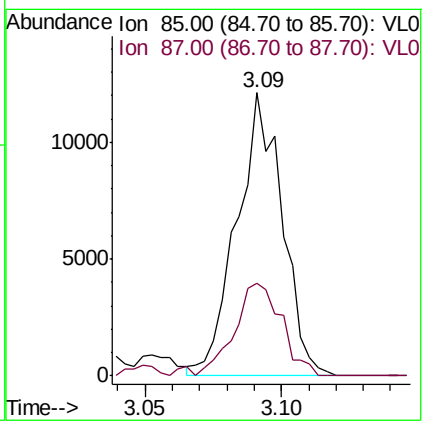


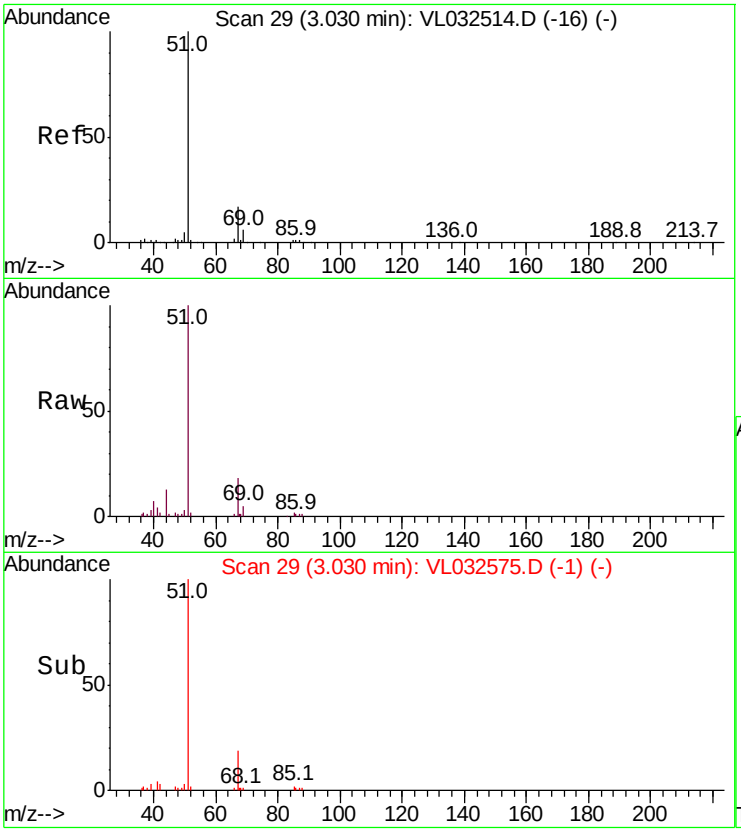


#2
Dichlorodifluoromethane
Concen: 0.115 ppbv
RT: 3.09 min Scan# 48
Delta R.T. -0.02 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 85 Resp: 14017

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.2	39.4

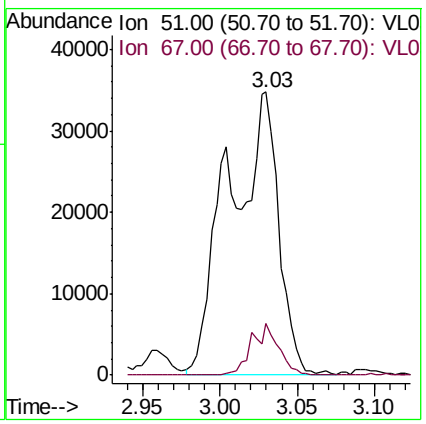




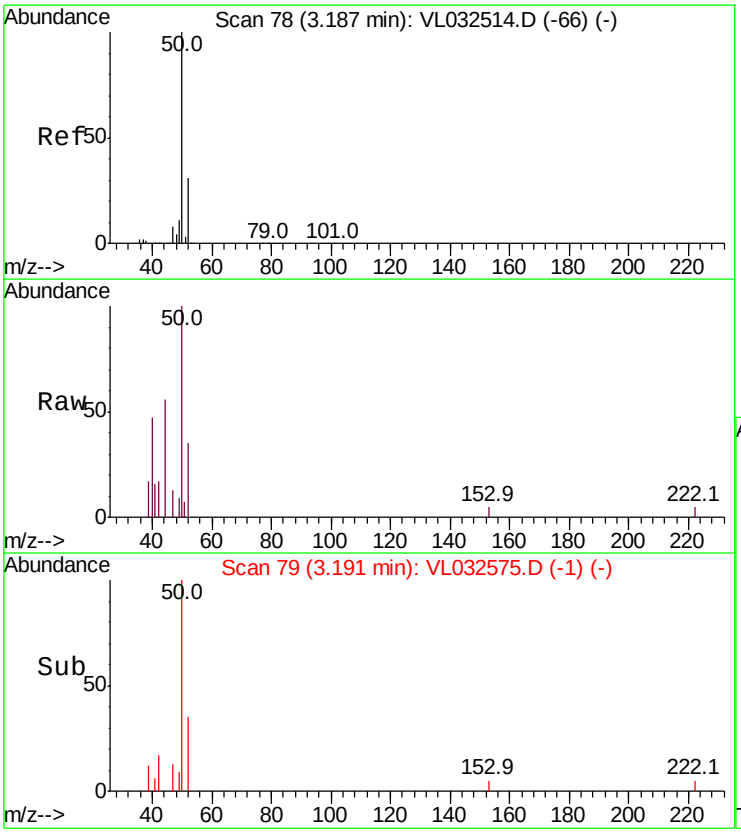
#3
Chlorodifluoromethane
Concen: 0.712 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 51 Resp: 77961

Ion	Ratio	Lower	Upper
51	100		
67	9.9	13.8	20.8#



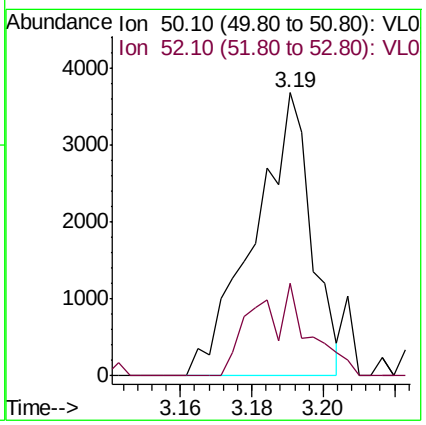
Instrument :
MSVOA_L
ClientSampleId :

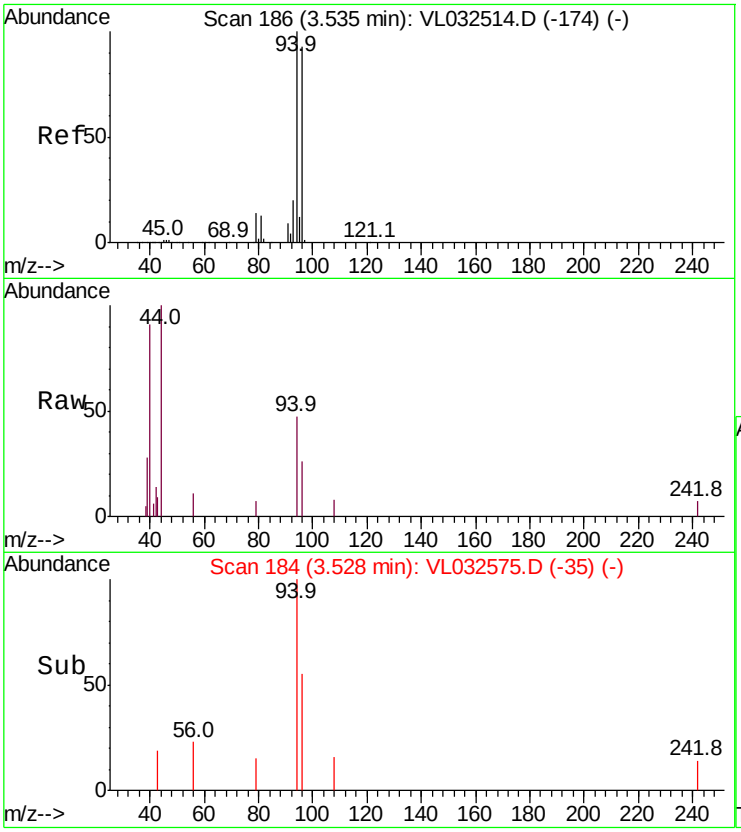


#4
Chloromethane
Concen: 0.064 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 50 Resp: 4076

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.6	38.4



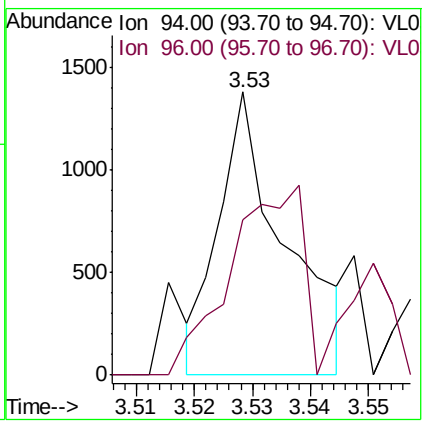


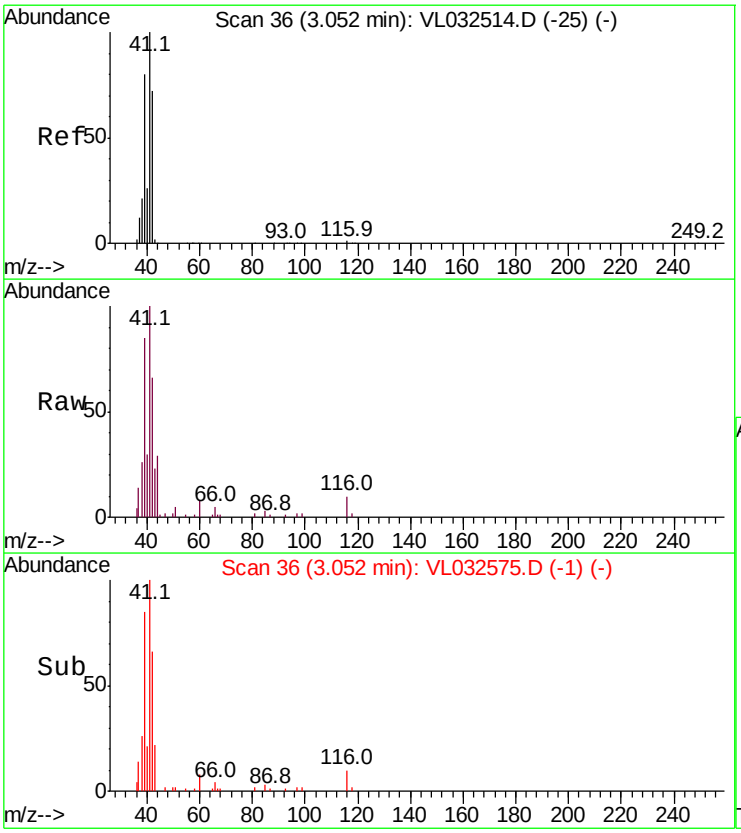
#6
Bromomethane
Concen: 0.031 ppbv
RT: 3.53 min Scan# 184
Delta R.T. -0.02 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 1087

Ion	Ratio	Lower	Upper
94	100		
96	50.9	72.8	109.2#

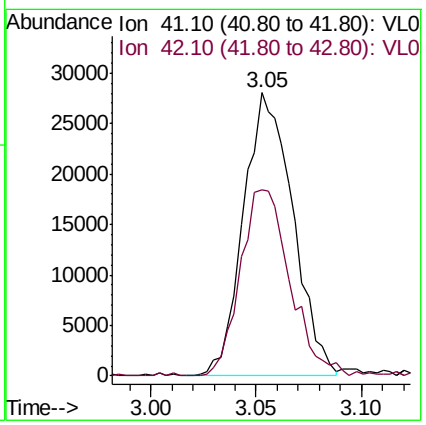


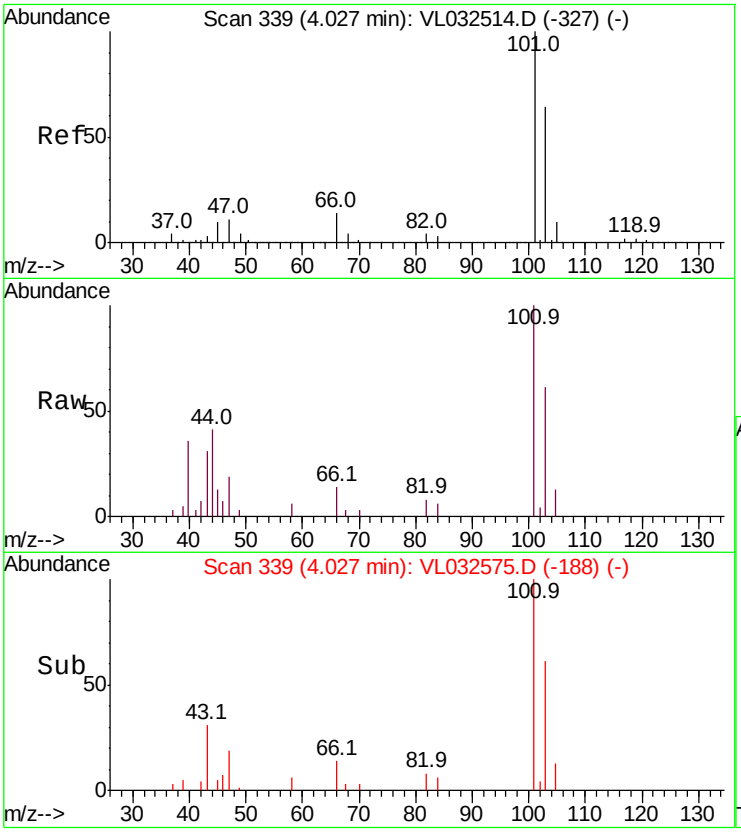


#9
Propene
Concen: 0.958 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 41 Resp: 45517

Ion	Ratio	Lower	Upper
41	100		
42	67.6	56.6	84.8



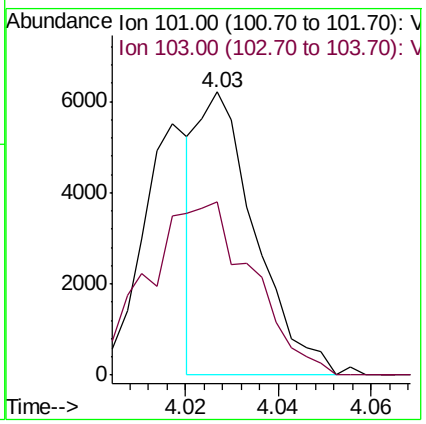


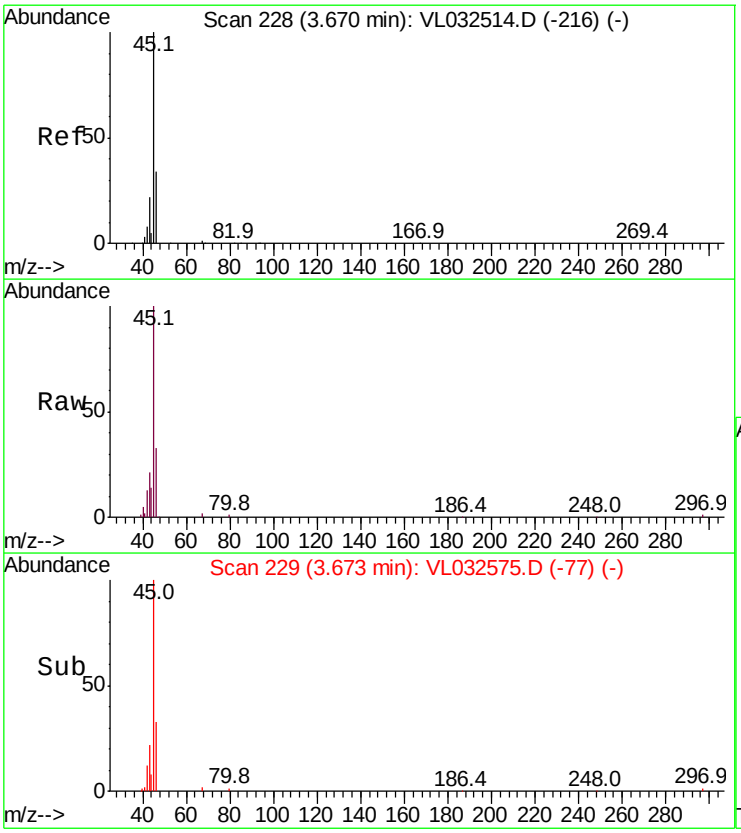
#11
Trichlorofluoromethane
Concen: 0.037 ppbv
RT: 4.03 min Scan# 339
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion:101 Resp: 5317

Ion	Ratio	Lower	Upper
101	100		
103	61.3	52.8	79.2

Instrument :
MSVOA_L
ClientSampleId :

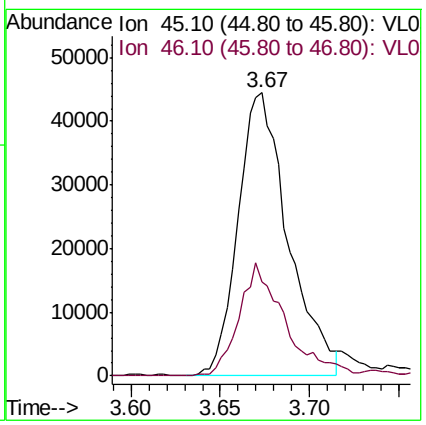


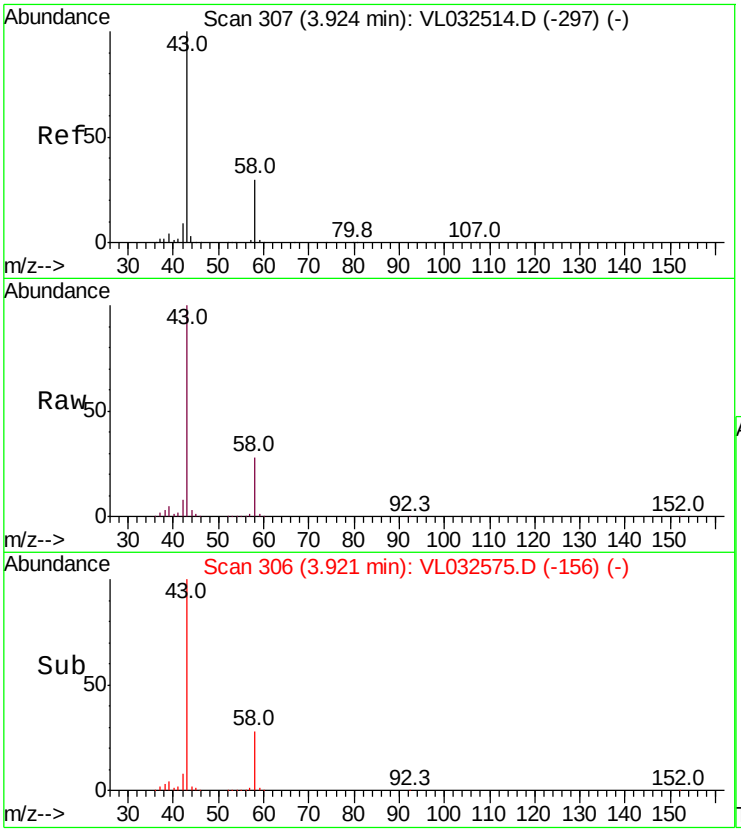


#13
Ethanol
Concen: 6.103 ppbv
RT: 3.67 min Scan# 229
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 45 Resp: 87141

Ion	Ratio	Lower	Upper
45	100		
46	37.6	14.2	56.8



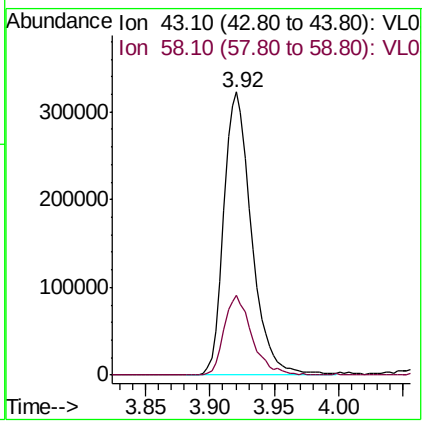


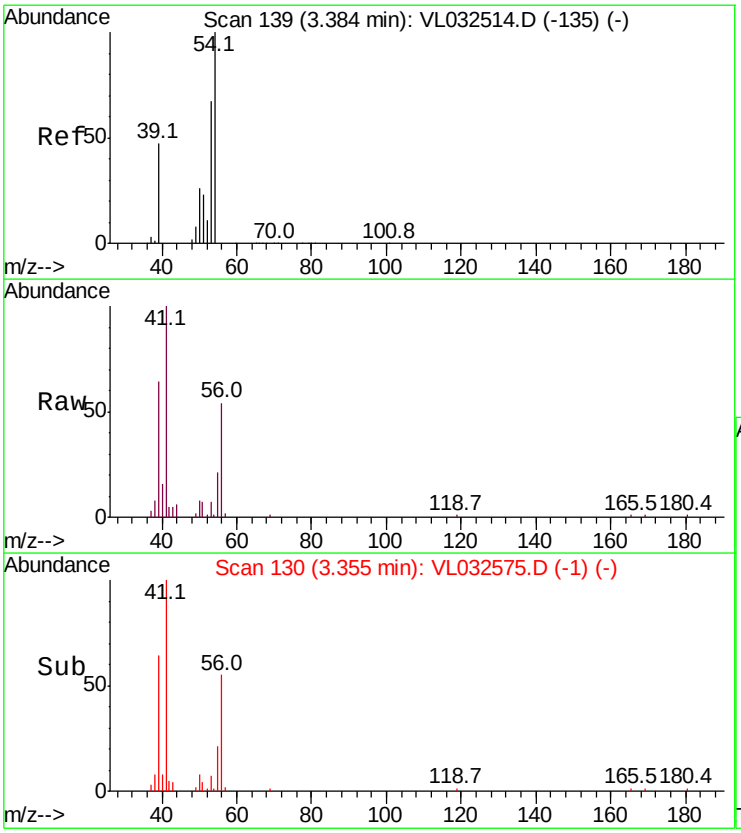
#15
Acetone
Concen: 4.172 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 482128

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.6	33.8

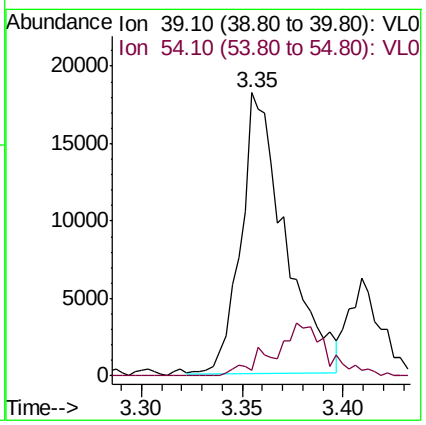


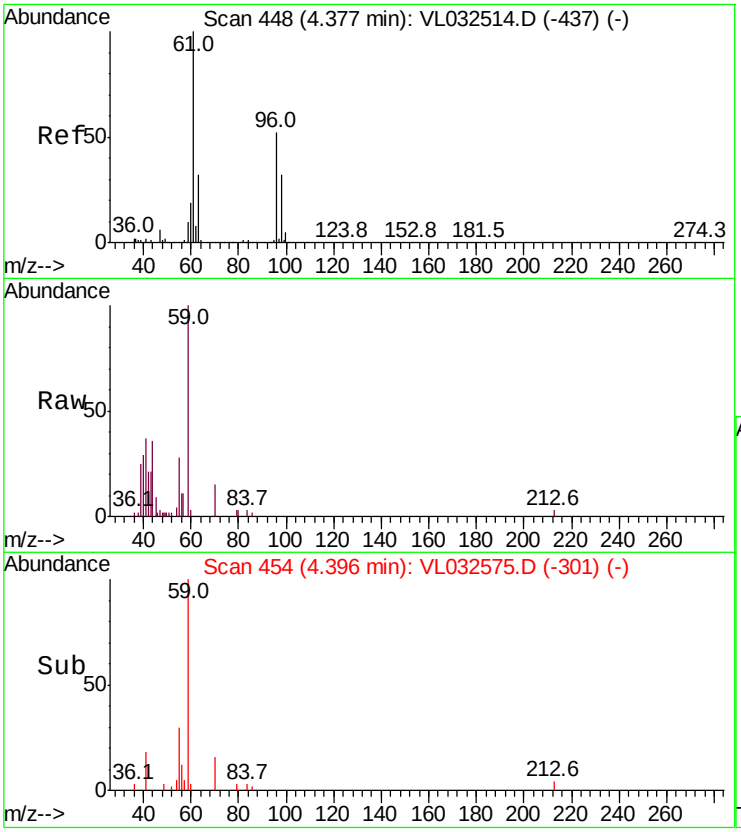


#16
1,3-Butadiene
Concen: 0.601 ppbv
RT: 3.35 min Scan# 130
Delta R.T. -0.04 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 39 Resp: 28145

Ion	Ratio	Lower	Upper
39	100		
54	21.7	80.8	121.2#



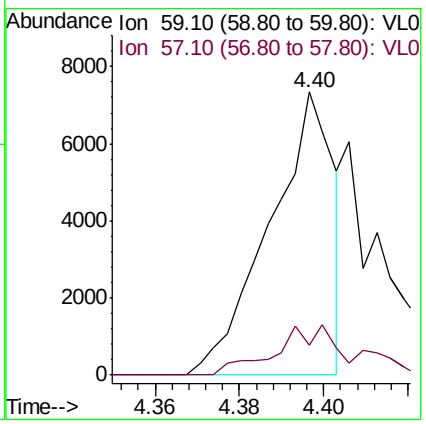


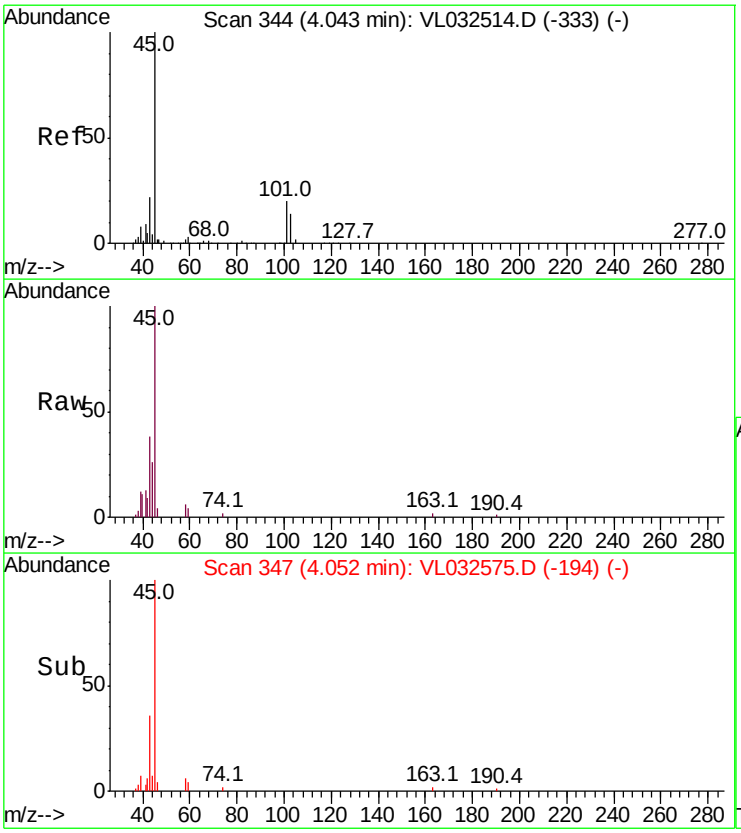
#17
tert-Butyl alcohol
Concen: 0.530 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 7692

Ion	Ratio	Lower	Upper
59	100		
57	23.0	0.0	0.0#

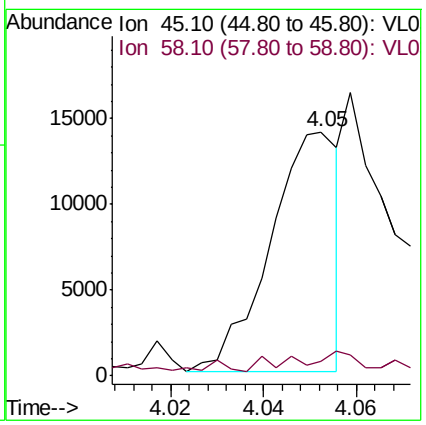


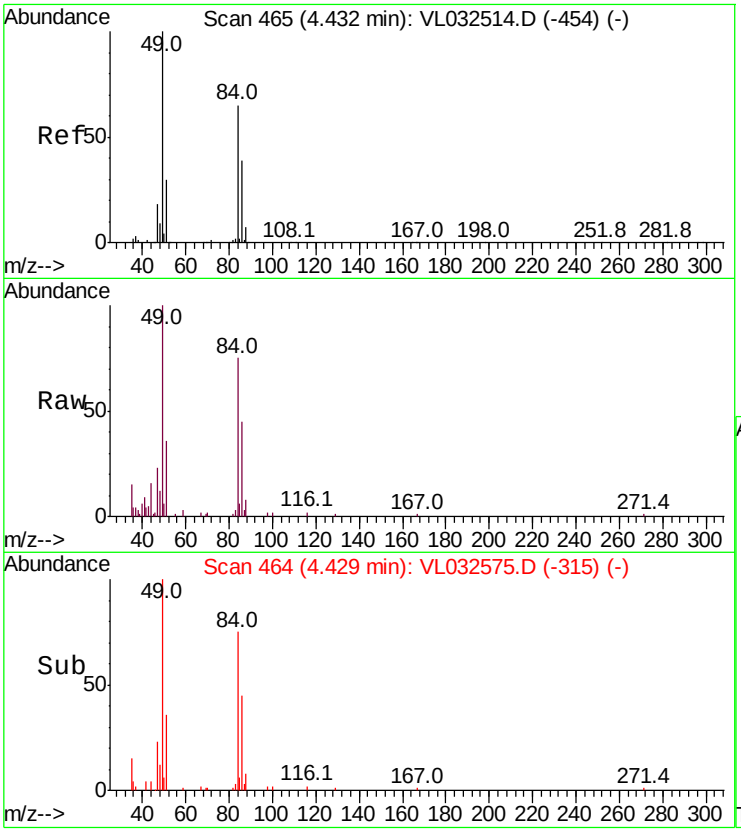


#19
Isopropyl Alcohol
Concen: 0.178 ppbv
RT: 4.05 min Scan# 347
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 45 Resp: 14343

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



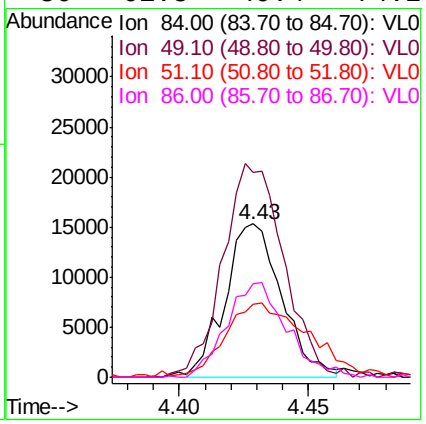


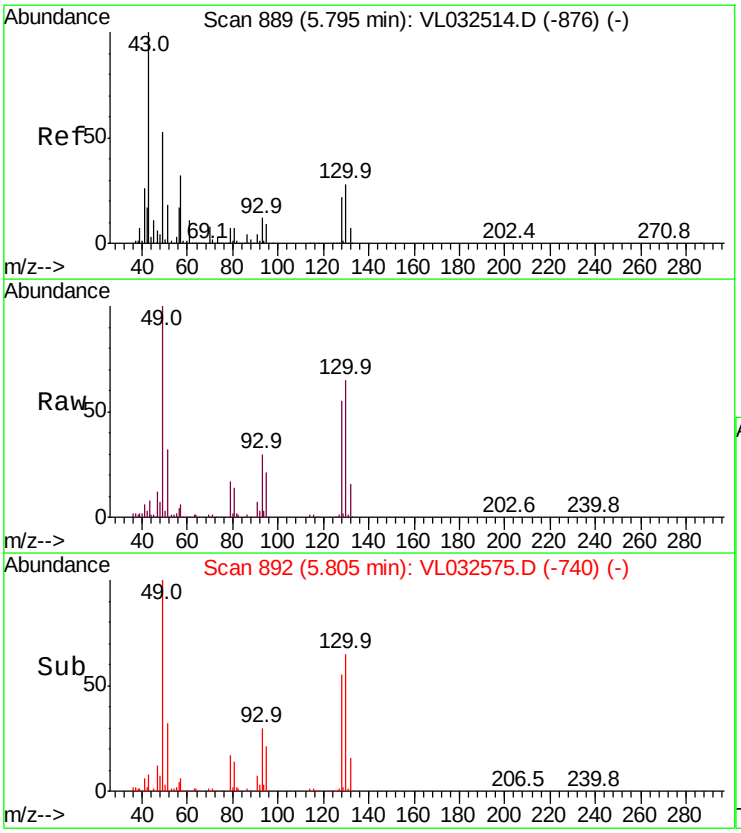
#20
Methylene Chloride
Concen: 0.420 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 23490

Ion	Ratio	Lower	Upper
84	100		
49	133.3	119.1	178.7
51	46.1	35.2	52.8
86	61.8	49.4	74.2

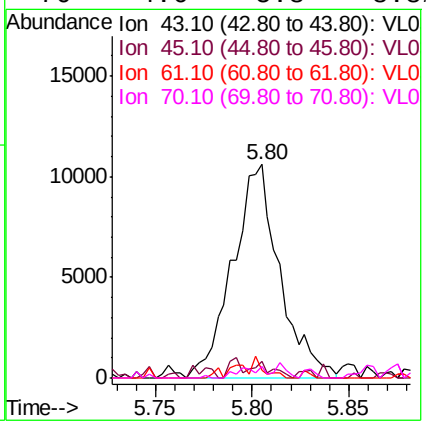


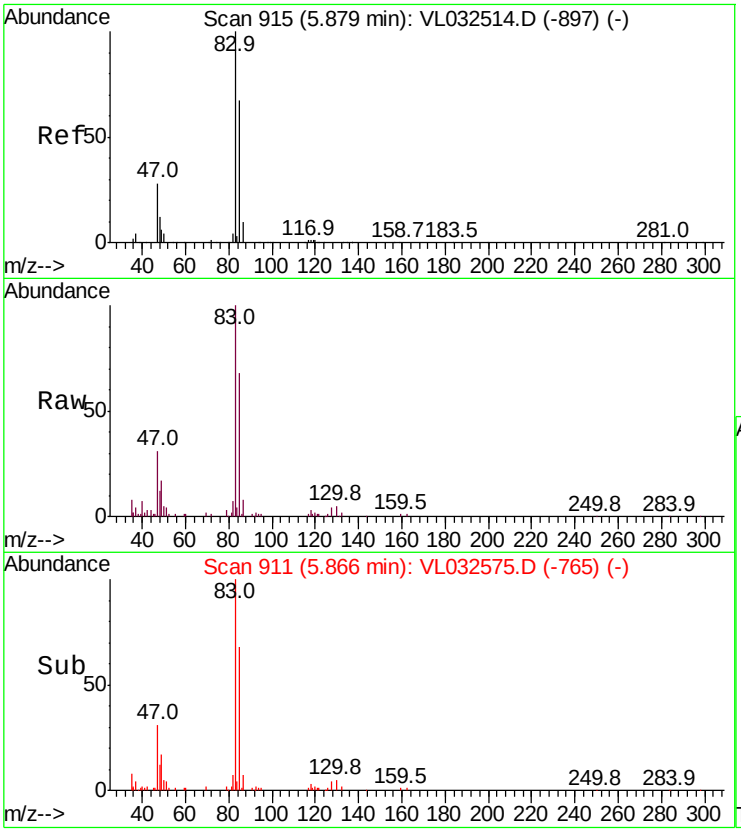


#25
Ethyl Acetate
Concen: 0.064 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 43 Resp: 18011

Ion	Ratio	Lower	Upper
43	100		
45	9.1	8.0	12.0
61	5.8	7.6	11.4#
70	4.6	5.8	8.8#



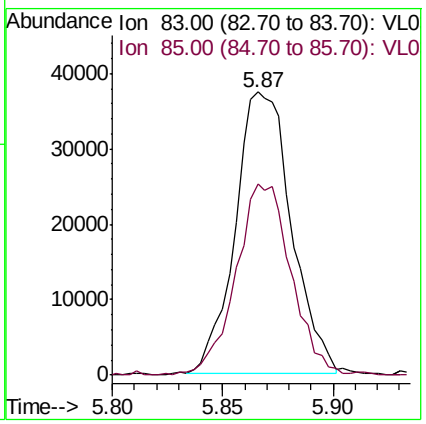


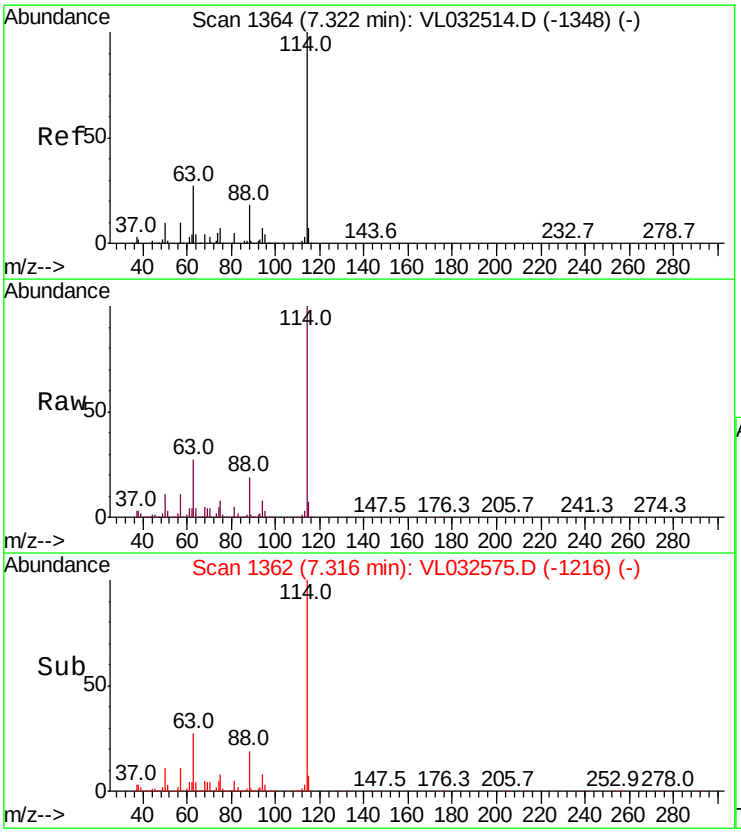
#29
Chloroform
Concen: 0.339 ppbv
RT: 5.87 min Scan# 911
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 65966

Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.5	78.7

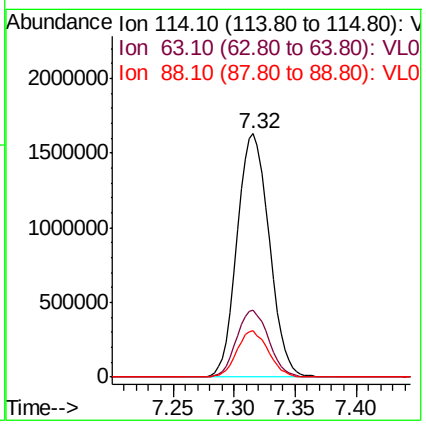


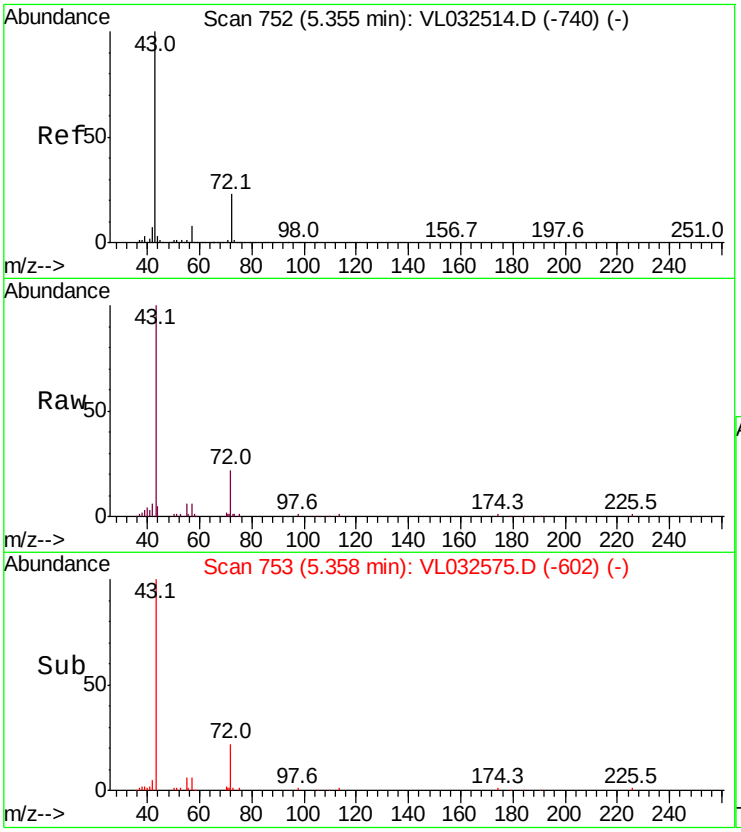


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion:114 Resp: 2965590

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	18.5	15.0	22.4



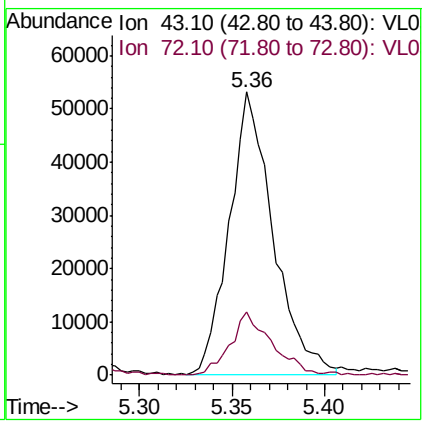


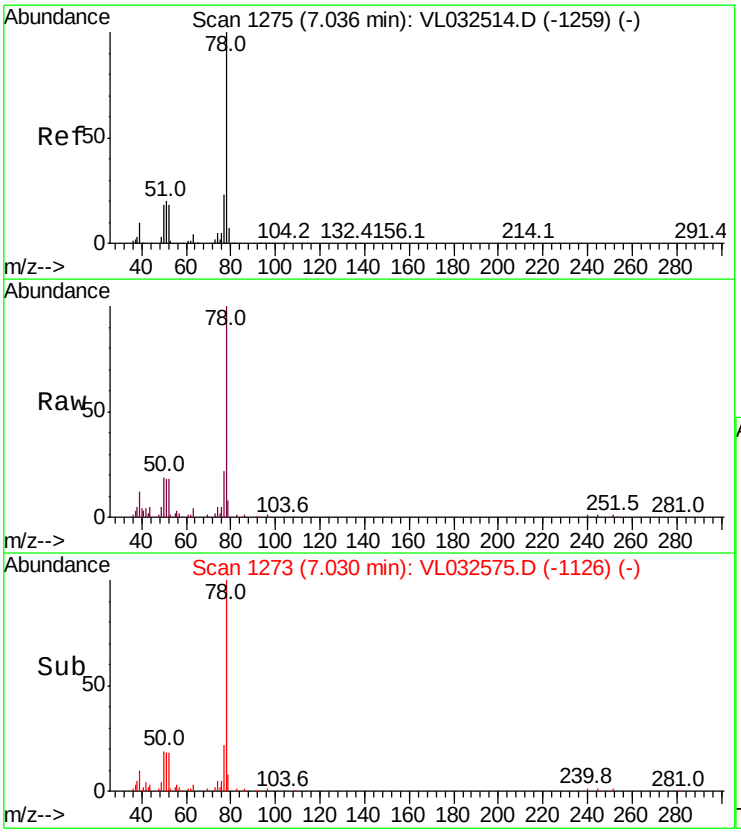
#34
2-Butanone
Concen: 0.497 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 87732

Ion	Ratio	Lower	Upper
43	100		
72	21.4	17.8	26.6

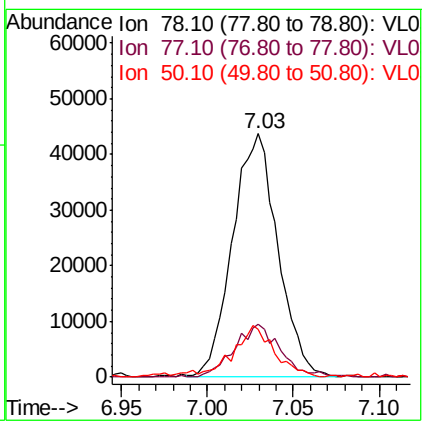


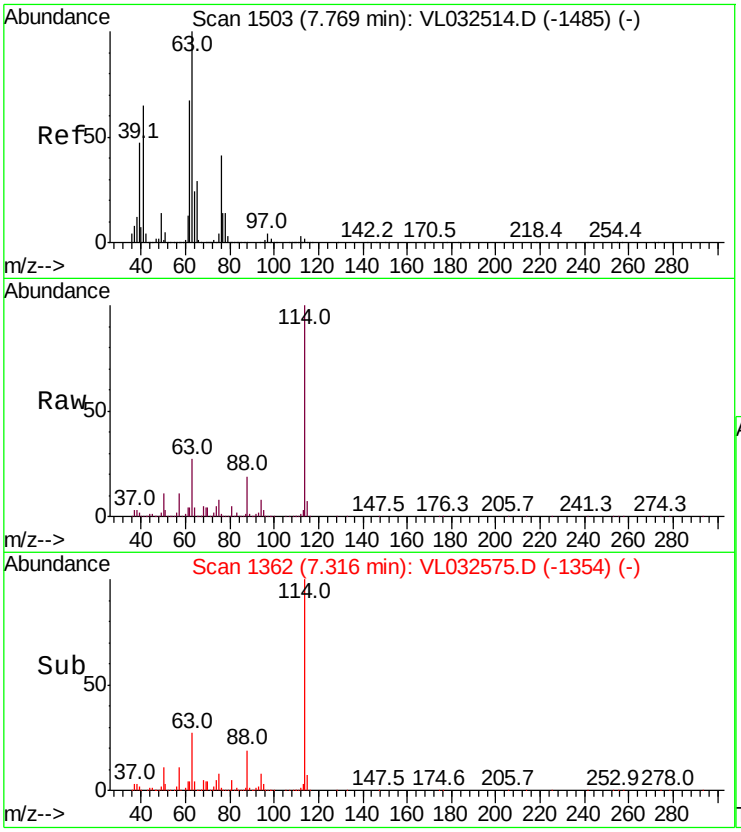


#36
Benzene
Concen: 0.333 ppbv
RT: 7.03 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 78 Resp: 79865

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.4	27.6
50	18.8	14.4	21.6



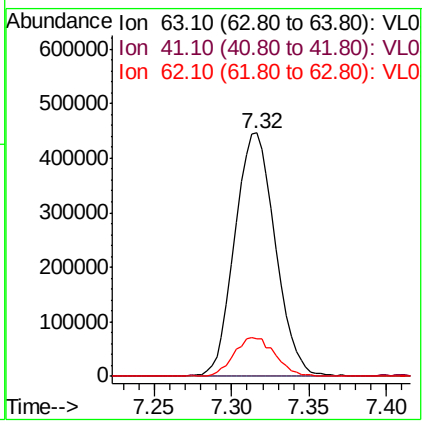


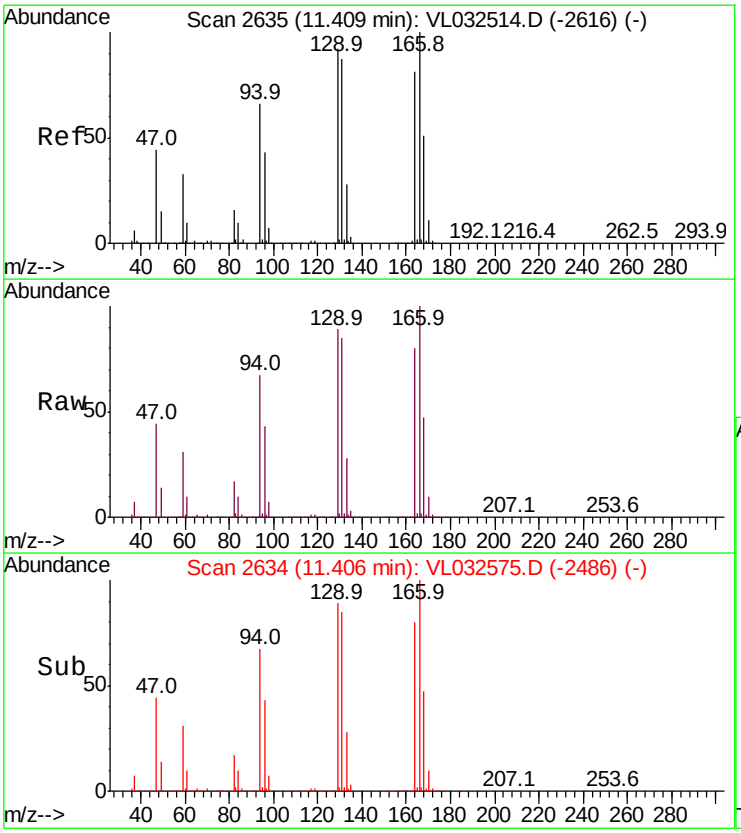
#39
1,2-Dichloropropane
Concen: 7.503 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.47 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 810389

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	15.4	55.4	83.0#

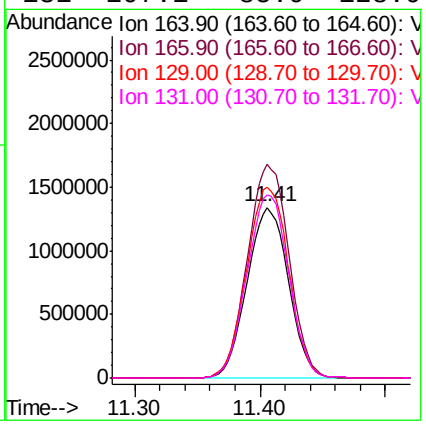


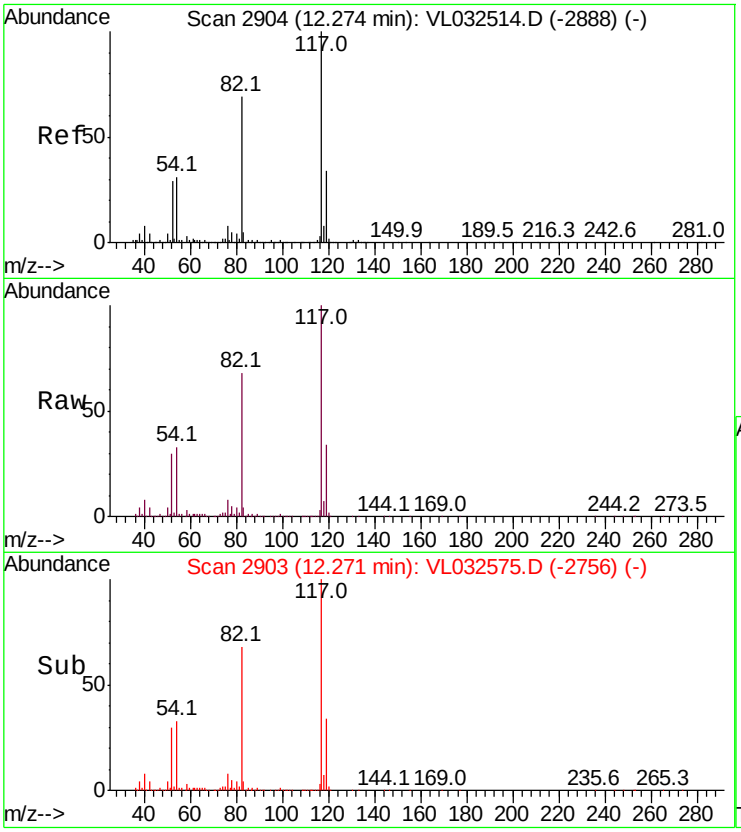


#52
Tetrachloroethene
Concen: 36.835 ppbv
RT: 11.41 min Scan# 2634
Delta R.T. -0.02 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion:164 Resp: 3073747

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.6	150.8
129	111.7	89.9	134.9
131	107.1	85.9	128.9



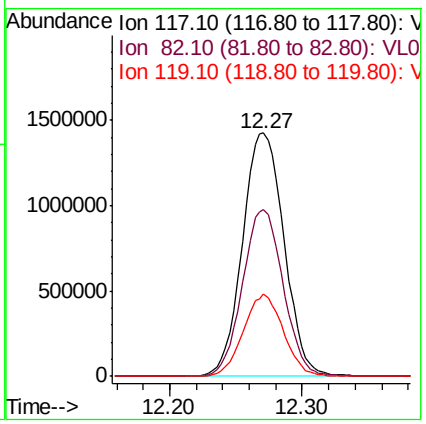


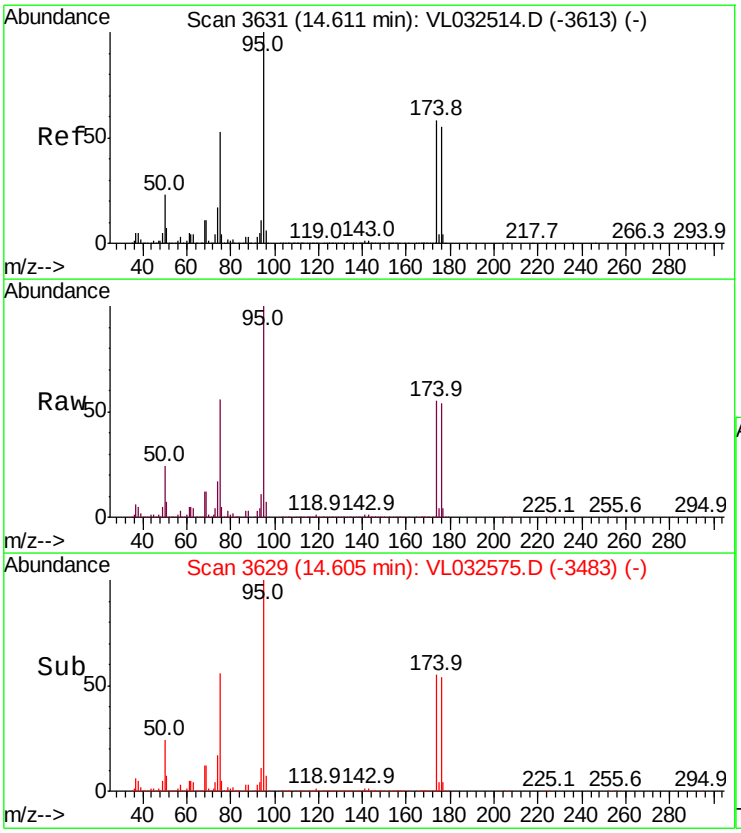
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3100243

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.0	79.6
119	32.5	45.9	68.9#

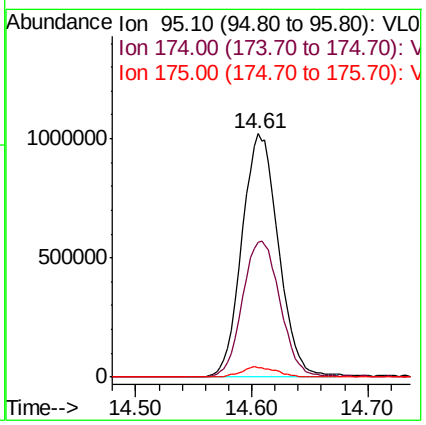


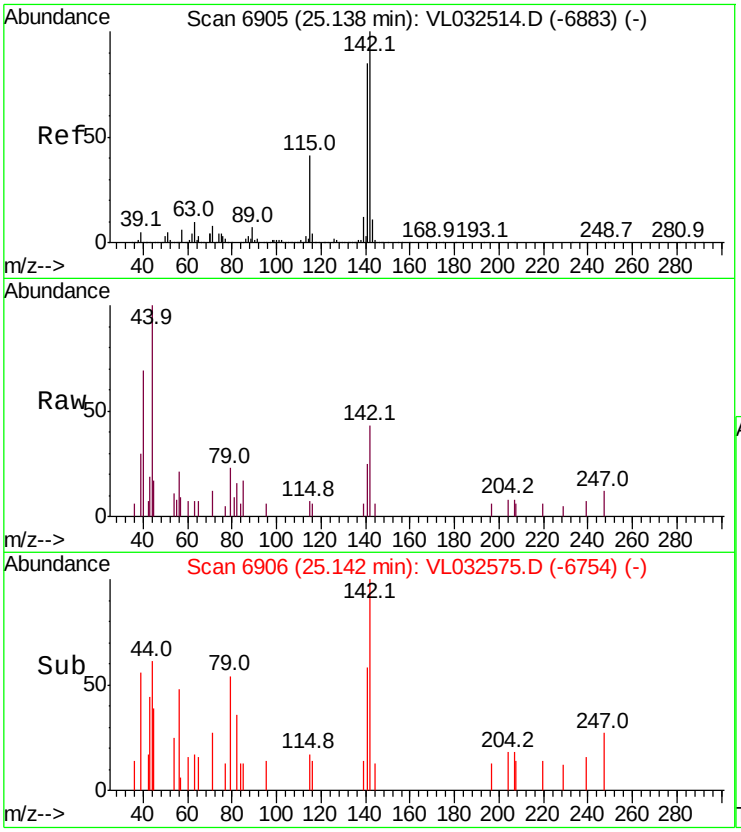


#68
1-Bromo-4-Fluorobenzene
Concen: 9.562 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Tgt Ion: 95 Resp: 2235529

Ion	Ratio	Lower	Upper
95	100		
174	58.6	46.3	69.5
175	4.1	3.4	5.0





#80
Naphthalene,2-methyl-
Concen: 0.035 ppbv
RT: 25.14 min Scan# 6906
Delta R.T. -0.01 min
Lab File: VL032575.D
Acq: 28 Sep 2018 9:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 2209

Ion	Ratio	Lower	Upper
142	100		
141	34.8	67.0	100.6#
115	39.7	31.3	46.9