Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032591.D
Acq On : 3 Oct 2018 22:35
Operator : SY/AP
Sample : J5094-10DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 04 09:57:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1018127	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2611968	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2857931	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2003114	9.29	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.03	51	36732	0.434	ppbv	98
9) Propene	3.07	41	8967	0.244	ppbv	98
13) Ethanol	3.69	45	21241	1.924	ppbv	87
15) Acetone	3.94	43	77112	0.863	ppbv	99
17) tert-Butyl alcohol	4.41	59	1638	0.146	ppbv #	100
20) Methylene Chloride	4.43	84	16632	0.384	ppbv	93
29) Chloroform	5.87	83	42925	0.286	ppbv	98
39) 1,2-Dichloropropane	7.32	63	702991	7.390	ppbv #	26
52) Tetrachloroethene	11.41	164	913839	12.434	ppbv	99

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

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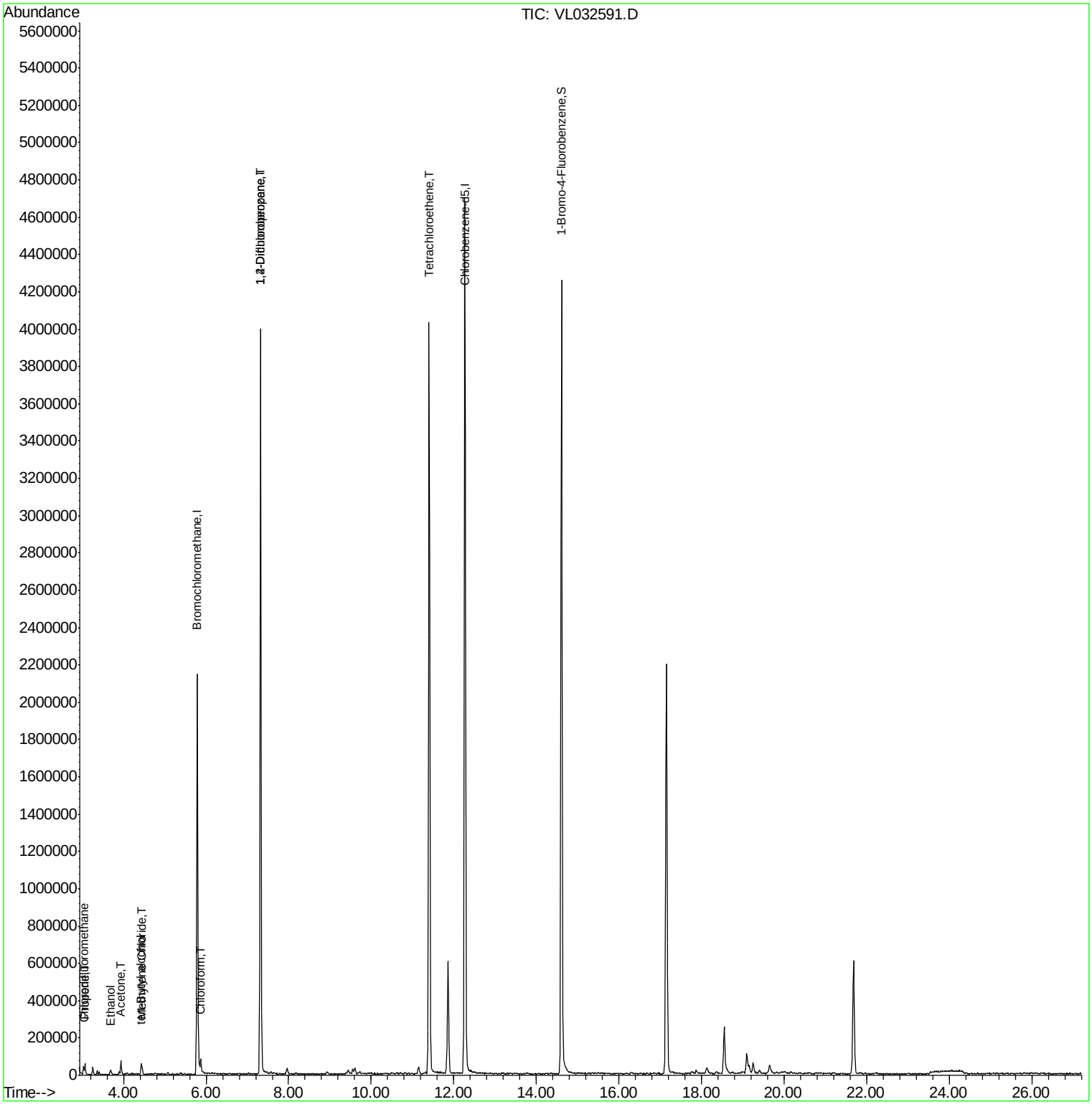
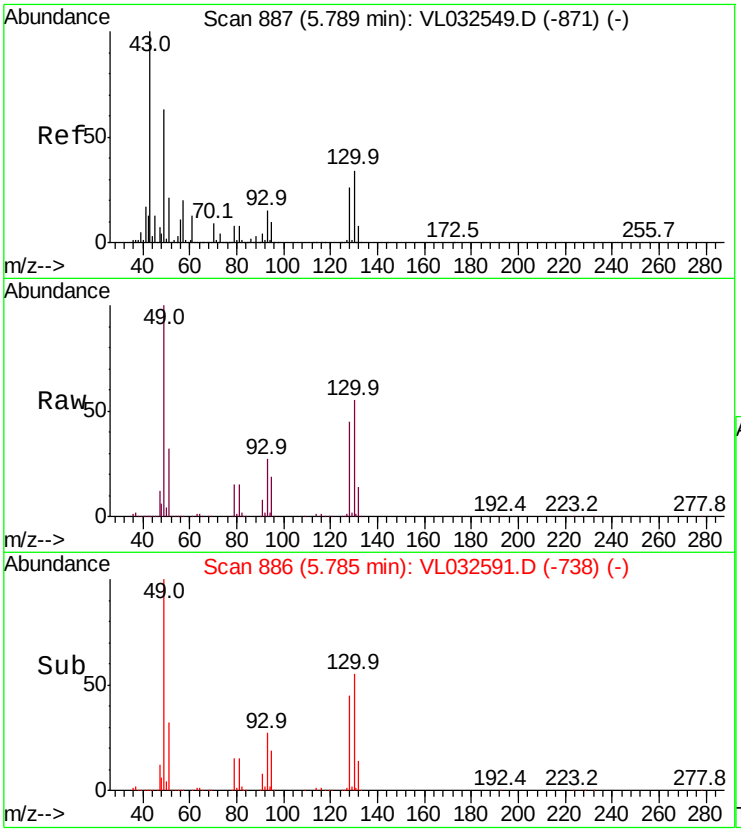
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



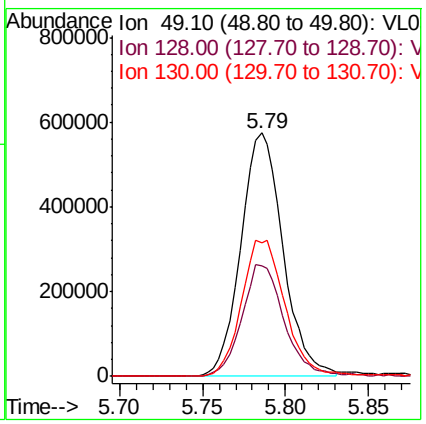


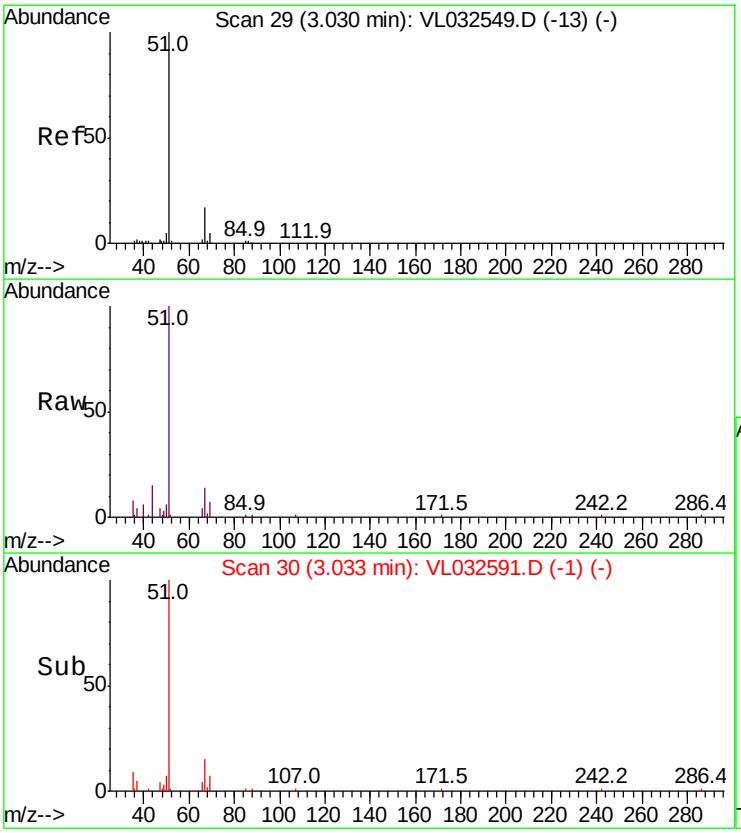
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1018127

Ion	Ratio	Lower	Upper
49	100		
128	46.5	20.7	62.1
130	59.3	26.6	79.7

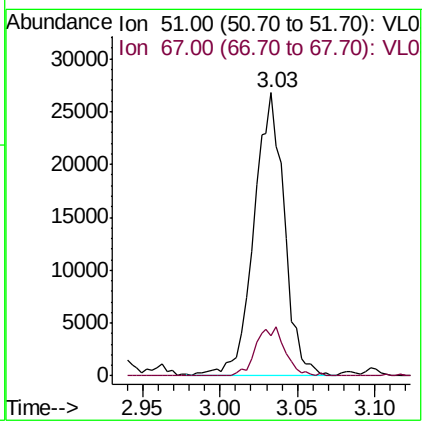


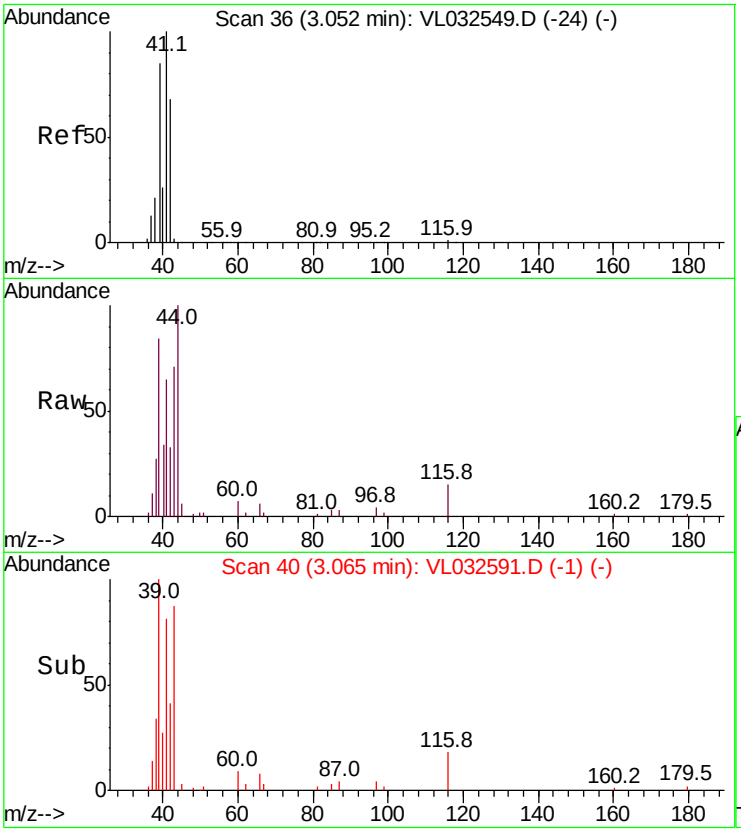


#3
Chlorodifluoromethane
Concen: 0.434 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.01 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion: 51 Resp: 36732

Ion	Ratio	Lower	Upper
51	100		
67	16.6	13.8	20.8



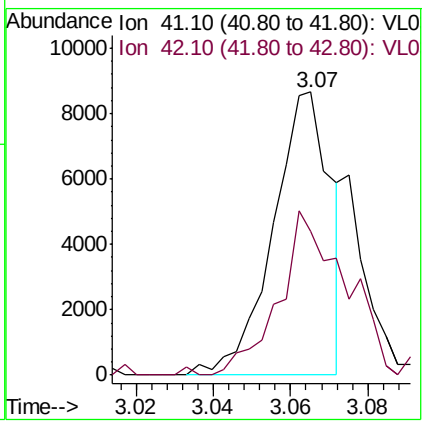


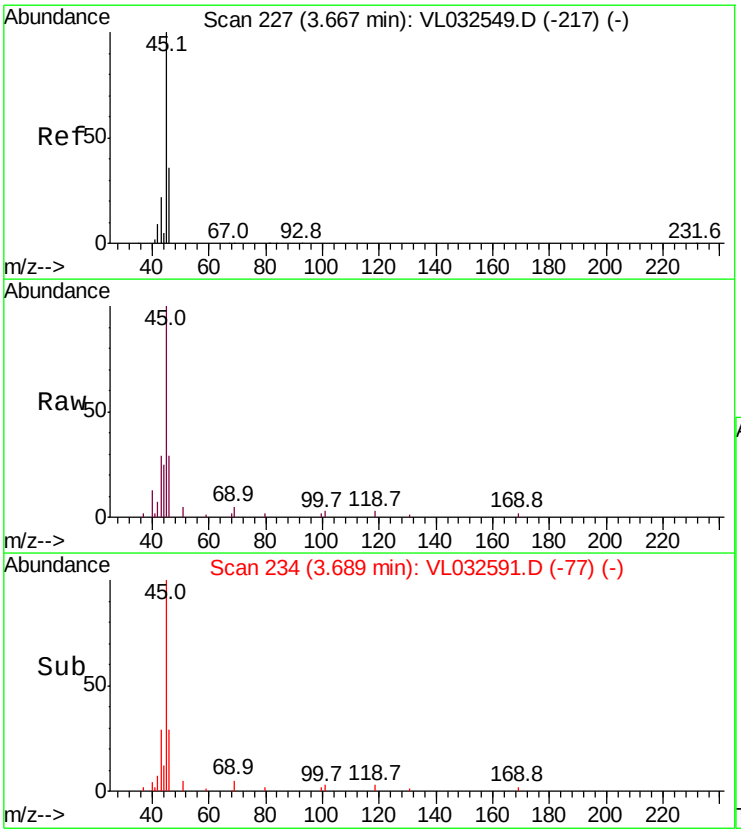
#9
Propene
Concen: 0.244 ppbv
RT: 3.07 min Scan# 40
Delta R.T. -0.00 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 8967

Ion	Ratio	Lower	Upper
41	100		
42	69.3	56.6	84.8

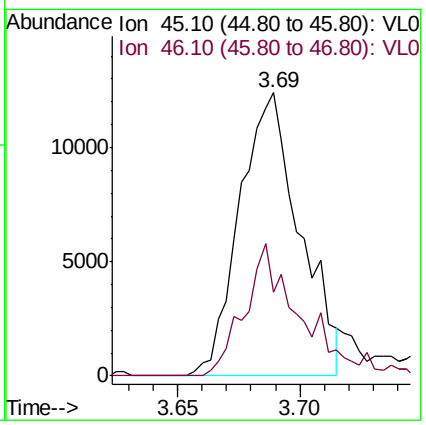


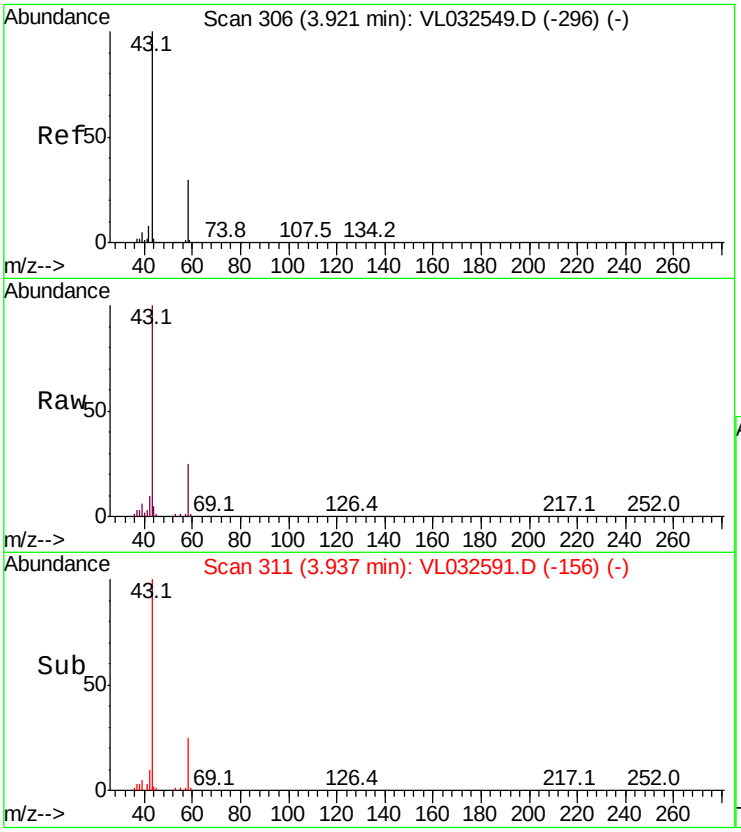


#13
Ethanol
Concen: 1.924 ppbv
RT: 3.69 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion: 45 Resp: 21241

Ion	Ratio	Lower	Upper
45	100		
46	43.0	14.2	56.8



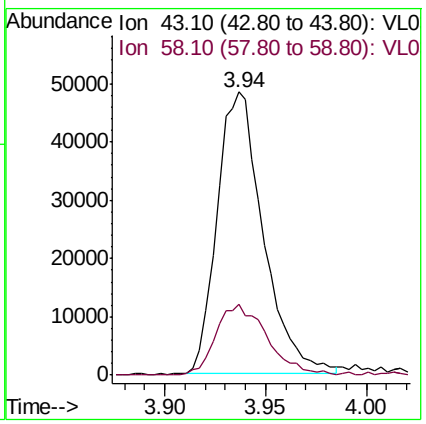


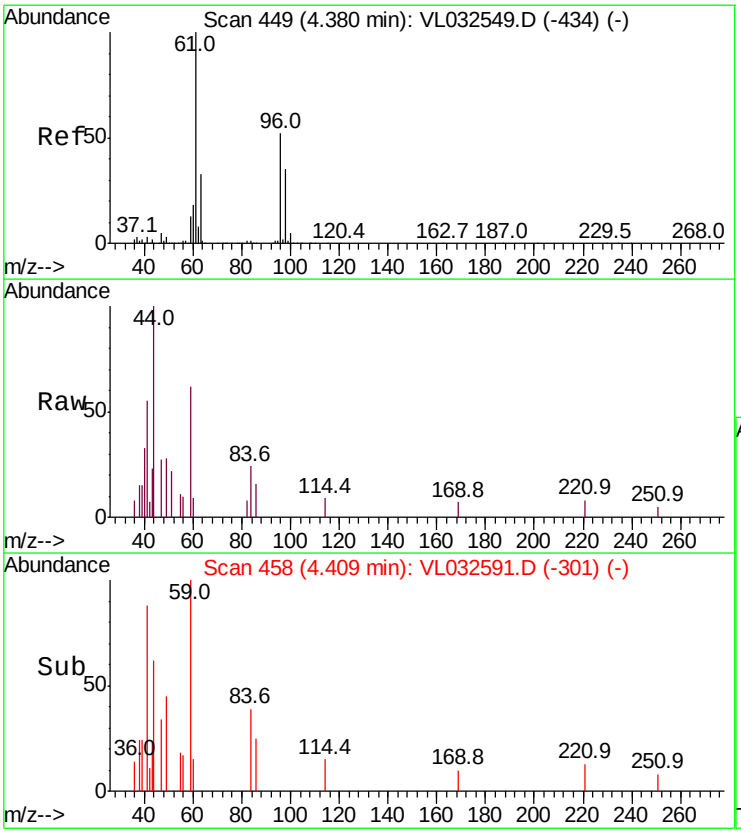
#15
Acetone
Concen: 0.863 ppbv
RT: 3.94 min Scan# 311
Delta R.T. -0.00 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 77112

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.6	33.8

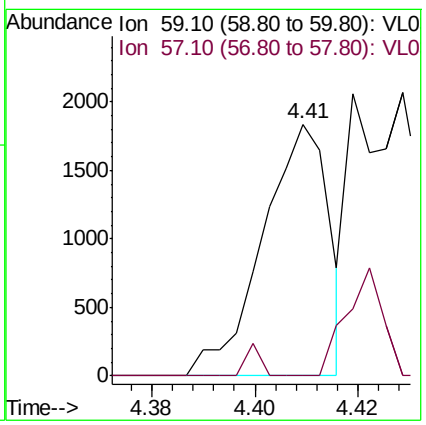


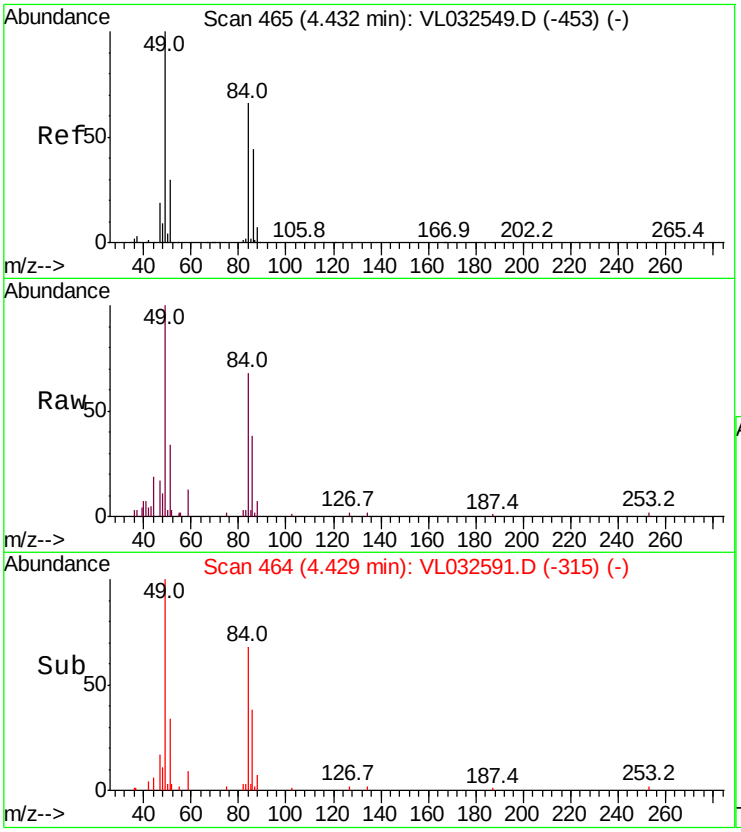


#17
tert-Butyl alcohol
Concen: 0.146 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion: 59 Resp: 1638

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0



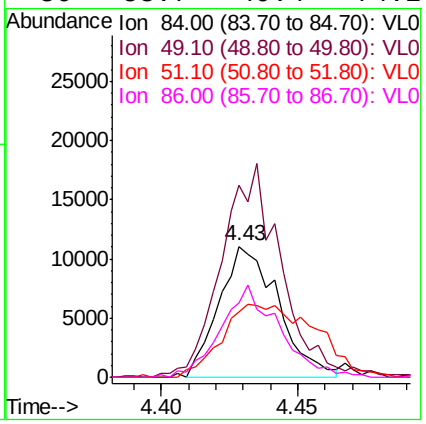


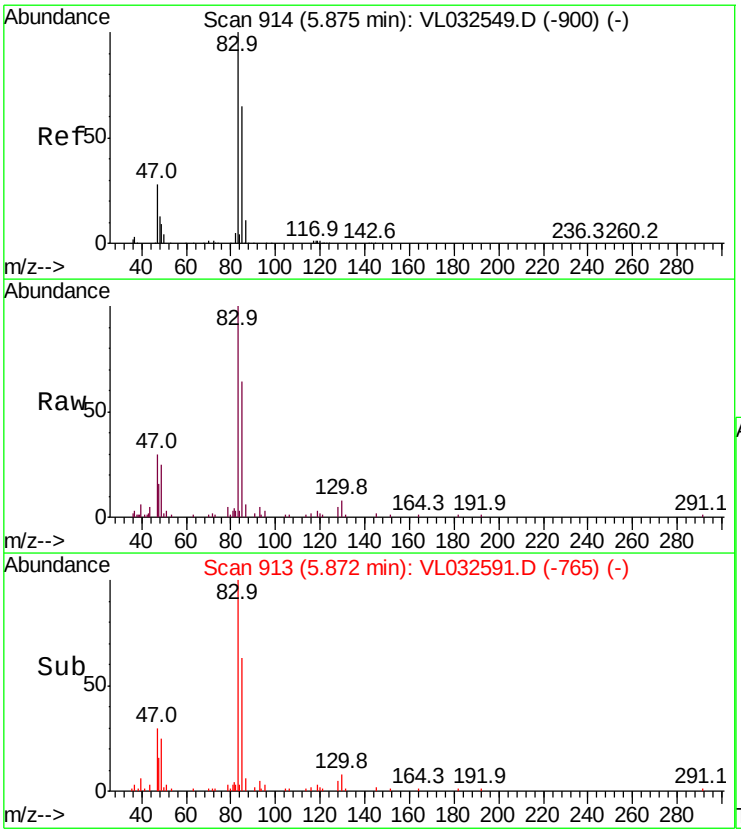
#20
Methylene Chloride
Concen: 0.384 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 16632

Ion	Ratio	Lower	Upper
84	100		
49	139.2	119.1	178.7
51	44.3	35.2	52.8
86	53.7	49.4	74.2

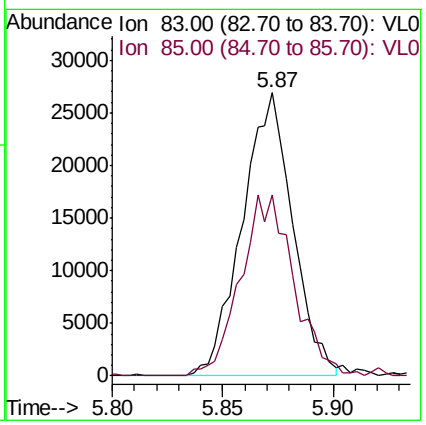


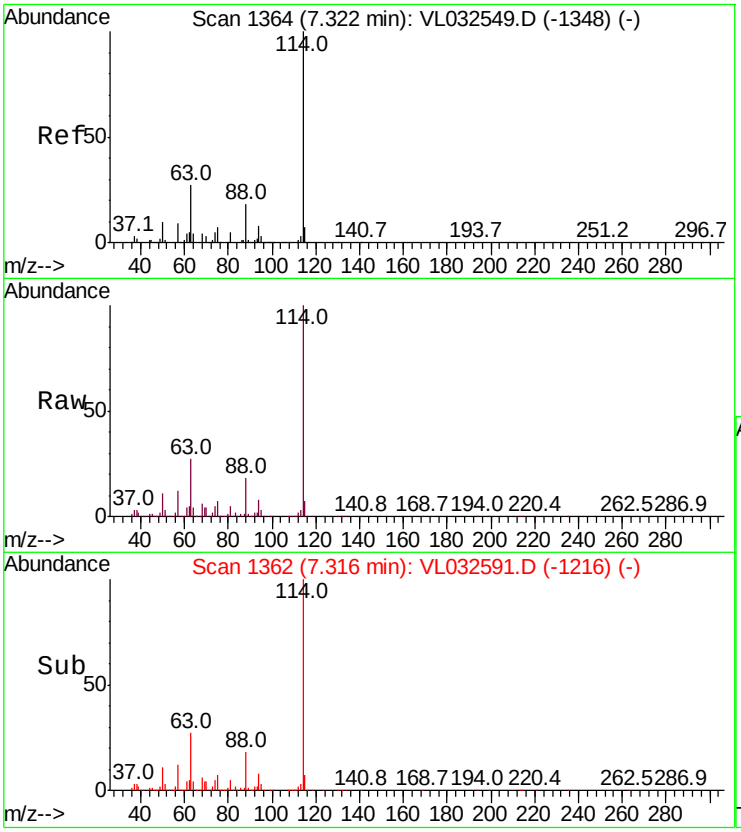


#29
Chloroform
Concen: 0.286 ppbv
RT: 5.87 min Scan# 913
Delta R.T. -0.02 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion: 83 Resp: 42925

Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.5	78.7



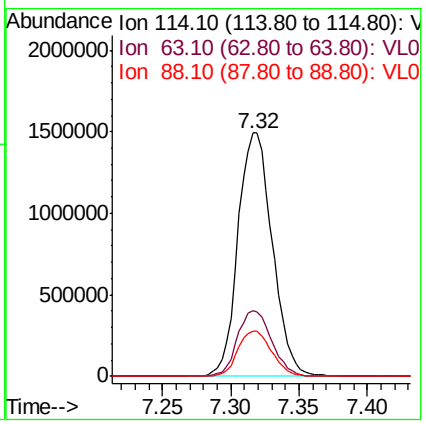


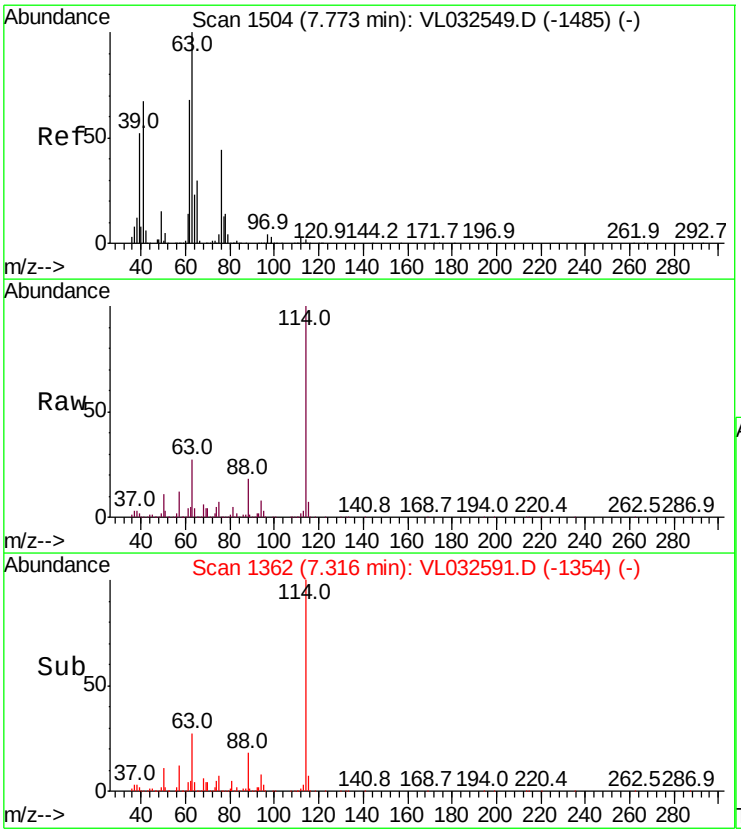
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2611968

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	18.6	15.0	22.4

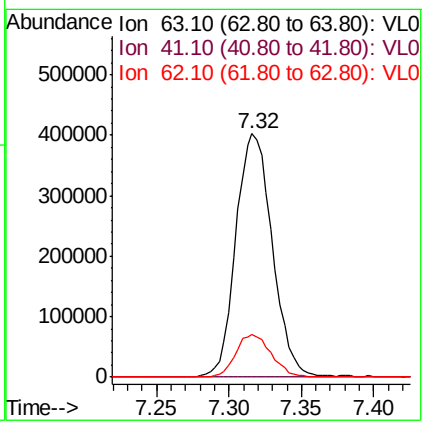


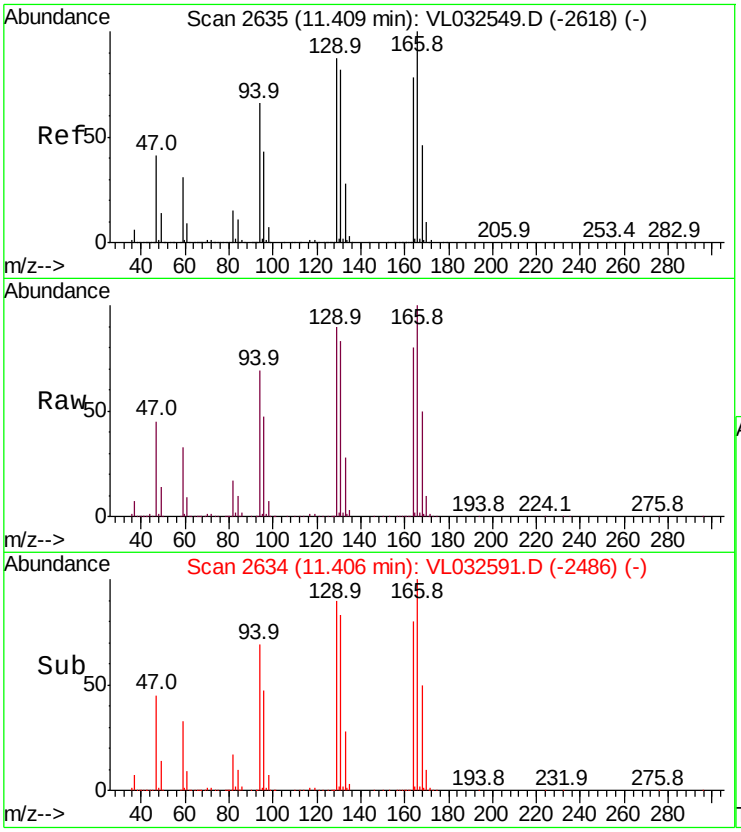


#39
1,2-Dichloropropane
Concen: 7.390 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.47 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion: 63 Resp: 702991

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	17.4	55.4	83.0#



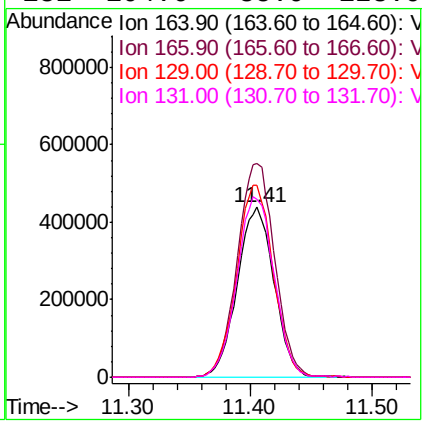


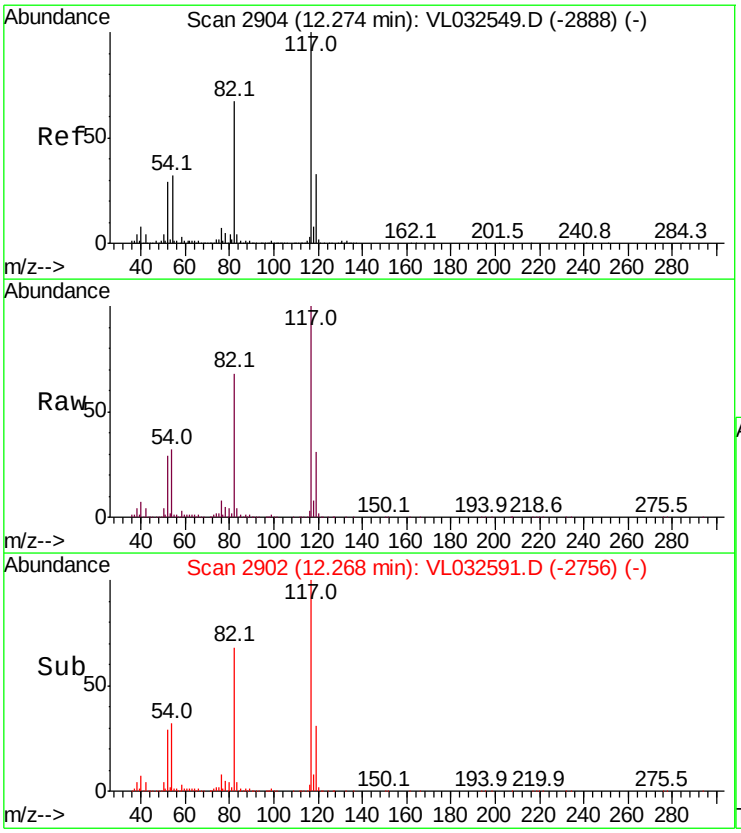
#52
Tetrachloroethene
Concen: 12.434 ppbv
RT: 11.41 min Scan# 2634
Delta R.T. -0.02 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 913839

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.6	150.8
129	113.1	89.9	134.9
131	104.6	85.9	128.9

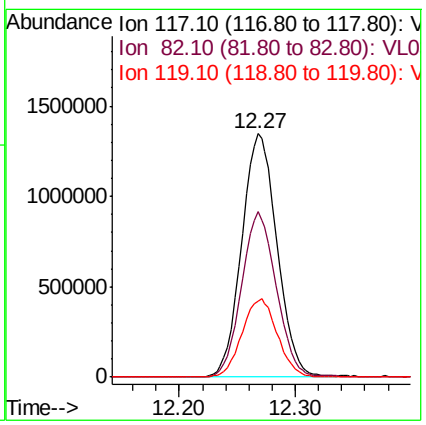


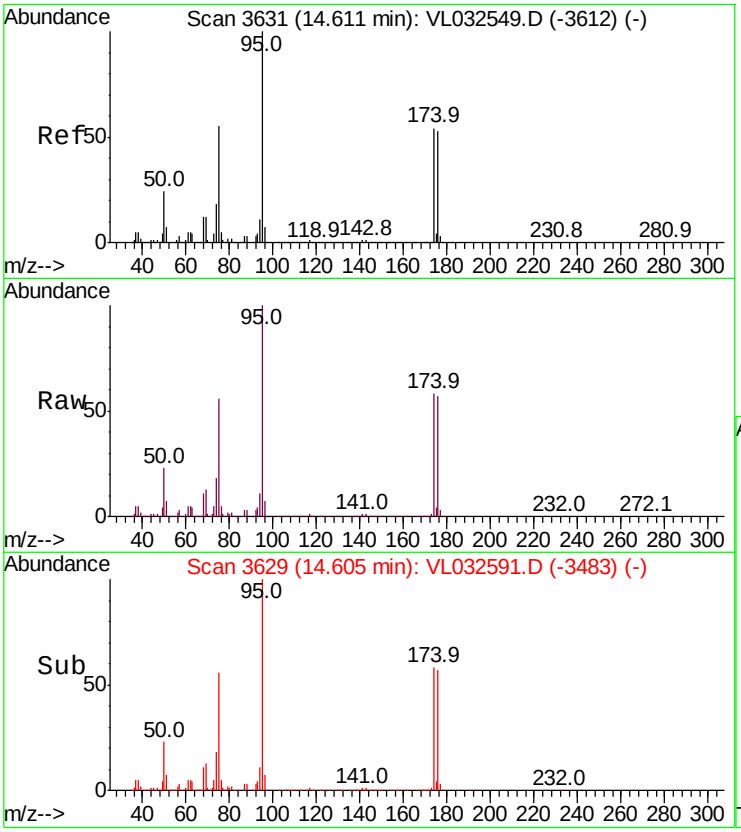


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Tgt Ion:117 Resp: 2857931

Ion	Ratio	Lower	Upper
117	100		
82	67.2	53.0	79.6
119	32.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.294 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032591.D
Acq: 3 Oct 2018 22:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2003114

Ion	Ratio	Lower	Upper
95	100		
174	59.4	46.3	69.5
175	4.2	3.4	5.0