Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
Data File : VL032546.D
Acq On : 25 Sep 2018 15:31
Operator : SY/AP
Sample : J5034-06DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 26 09:17:25 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	5.79	49	1380262	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3052042	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3009874	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2294070	10.11	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.10%				
Target Compounds							Qvalue
4) Chloromethane	3.19	50	4097	0.061	ppbv		91
5) Vinyl Chloride	3.31	62	6134	0.091	ppbv		90
7) Chloroethane	3.62	64	3199	0.133	ppbv	#	80
11) Trichlorofluoromethane	4.03	101	18000	0.119	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.57	101	16193	0.131	ppbv		94
13) Ethanol	3.68	45	1658	0.111	ppbv	#	1
15) Acetone	3.94	43	69597	0.574	ppbv		98
18) 1,1-Dichloroethene	4.37	96	5368	0.092	ppbv		84
20) Methylene Chloride	4.43	84	47264	0.806	ppbv		95
24) 1,1-Dichloroethane	5.11	63	495418	2.779	ppbv		99
26) Hexane	5.81	57	10983	0.083	ppbv	#	44
31) cis-1,2-Dichloroethene	5.67	61	304426	2.407	ppbv		98
32) 1,1,1-Trichloroethane	6.65	97	1053914	4.854	ppbv		97
36) Benzene	7.03	78	11291	0.046	ppbv	#	90
37) 1,2-Dichloroethane	6.64	62	74943	0.504	ppbv	#	1
38) Trichloroethene	7.99	130	1692128	17.923	ppbv		100
39) 1,2-Dichloropropane	7.32	63	818948	7.368	ppbv	#	25

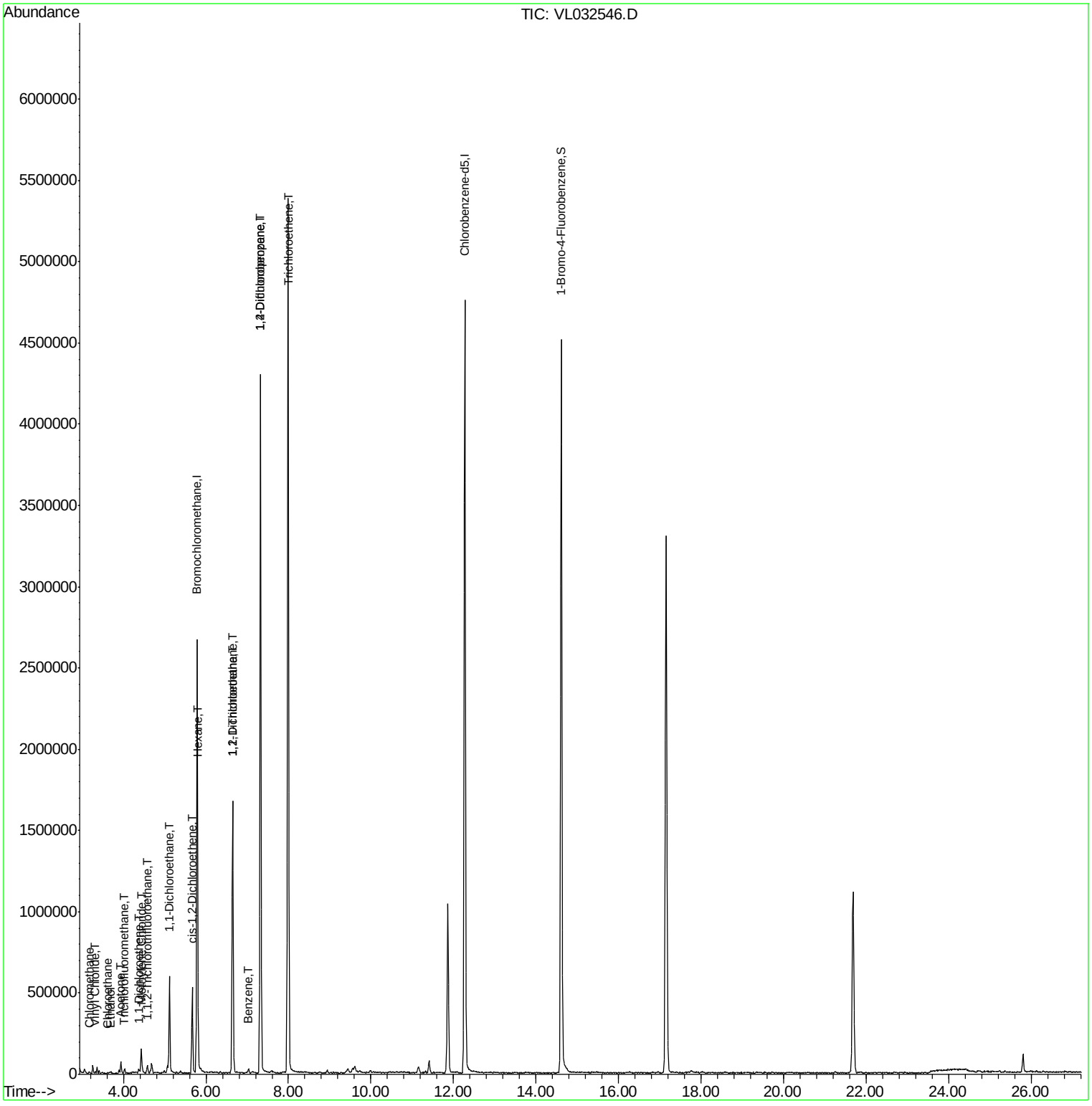
(#) = qualifier out of range (m) = manual integration (+) = signals summed

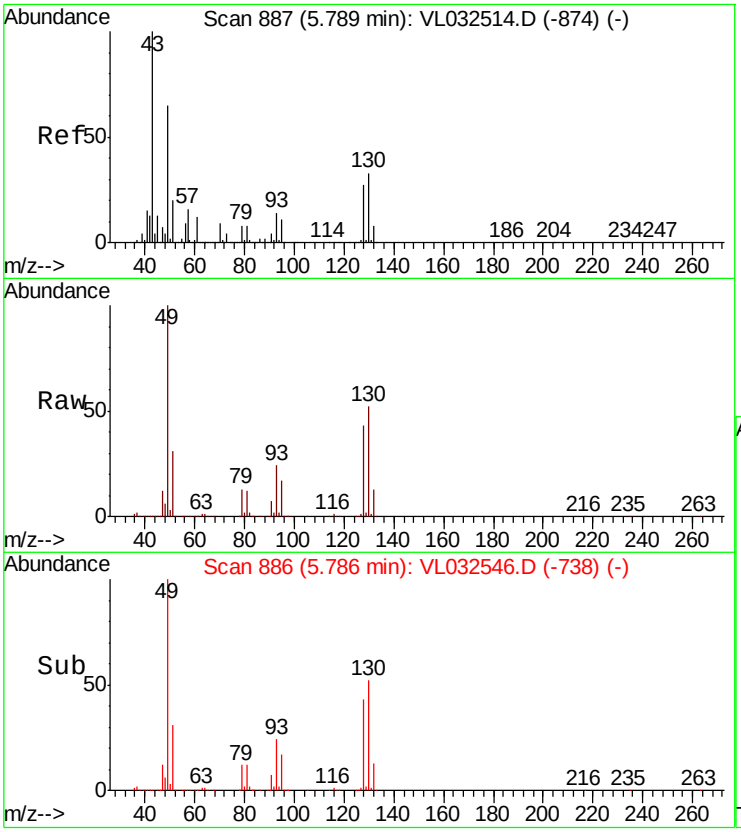
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
Data File : VL032546.D
Acq On : 25 Sep 2018 15:31
Operator : SY/AP
Sample : J5034-06DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 26 09:17:25 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



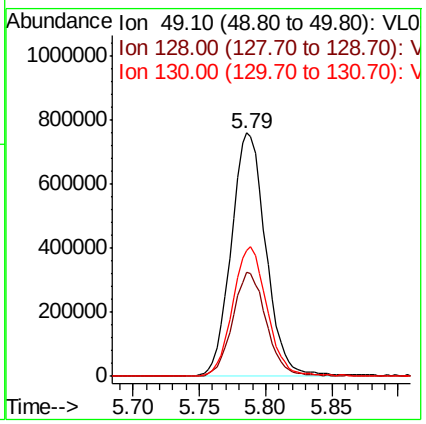


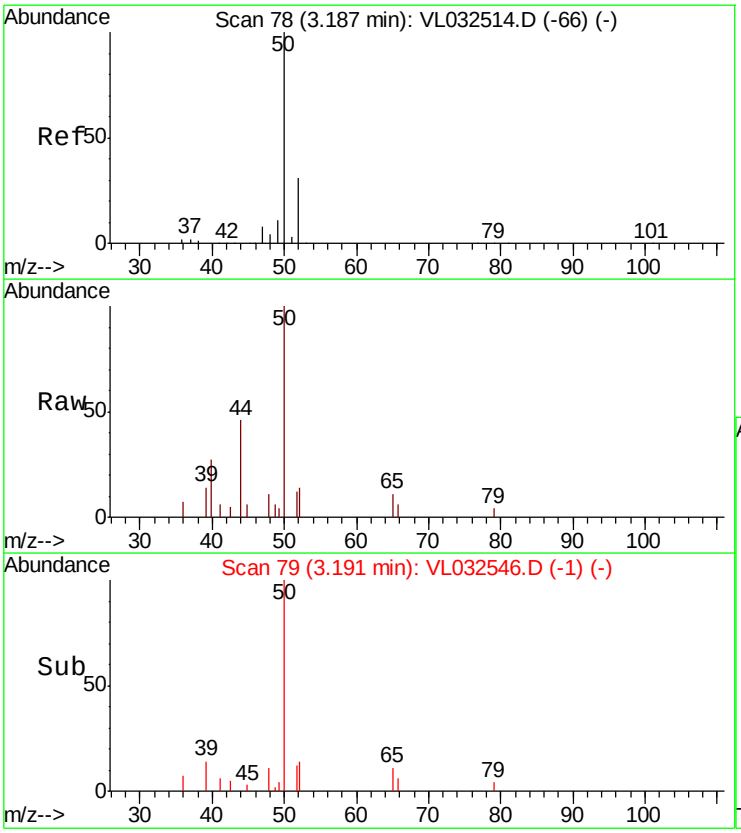
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1380262

Ion	Ratio	Lower	Upper
49	100		
128	41.9	20.7	62.1
130	53.1	26.6	79.7

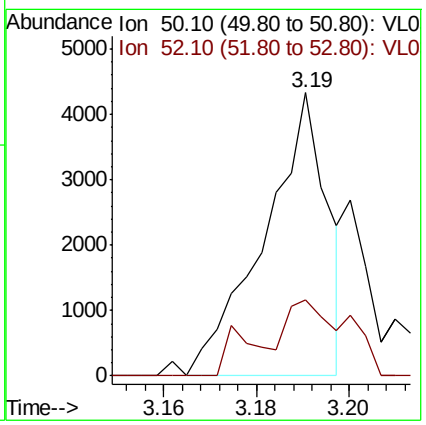


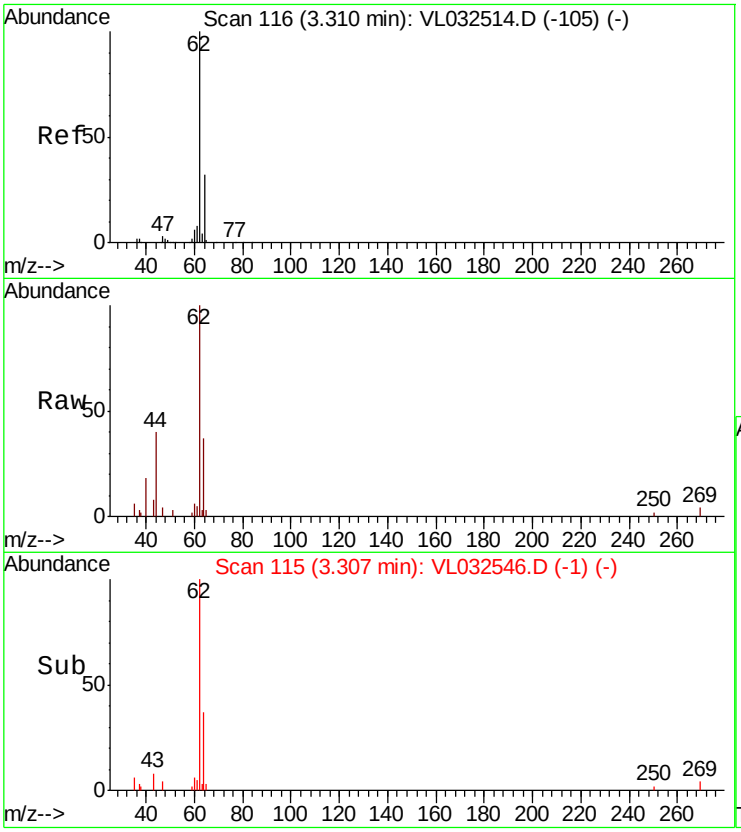


#4
Chloromethane
Concen: 0.061 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 50 Resp: 4097

Ion	Ratio	Lower	Upper
50	100		
52	26.8	25.6	38.4



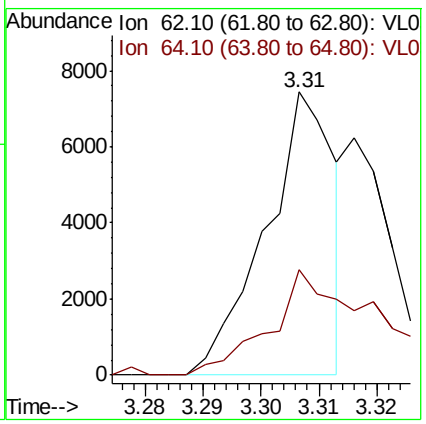


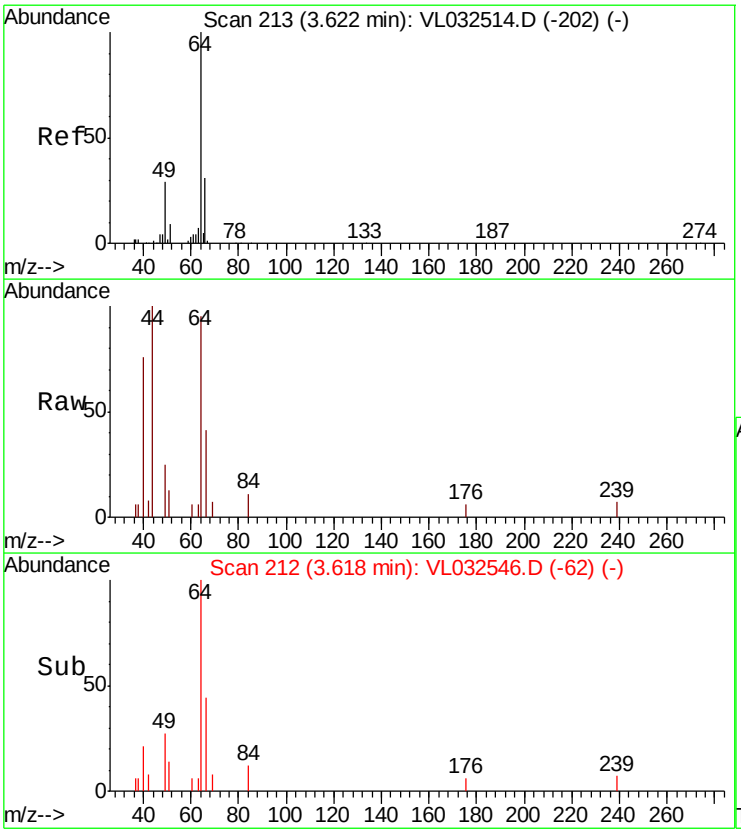
#5
Vinyl Chloride
Concen: 0.091 ppbv
RT: 3.31 min Scan# 115
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 6134

Ion	Ratio	Lower	Upper
62	100		
64	37.1	25.0	37.6

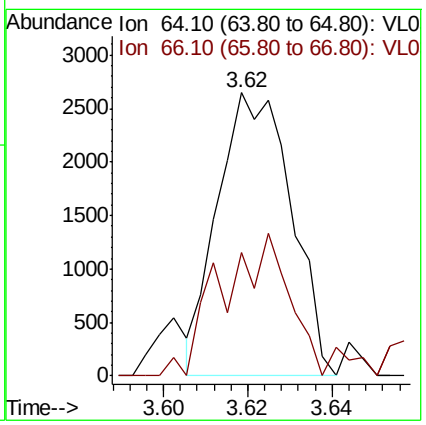


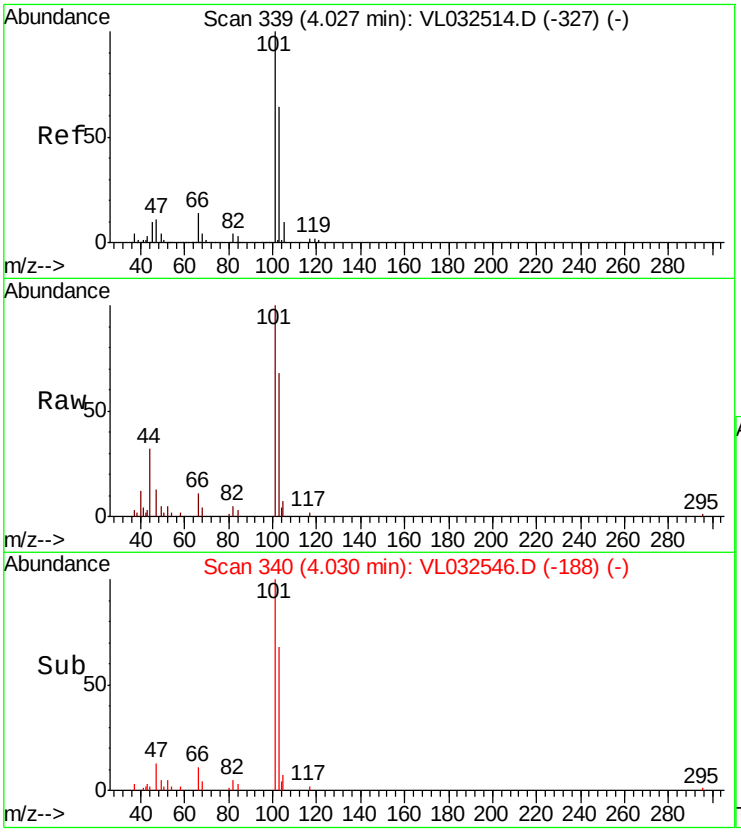


#7
Chloroethane
Concen: 0.133 ppbv
RT: 3.62 min Scan# 212
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 64 Resp: 3199

Ion	Ratio	Lower	Upper
64	100		
66	43.5	25.8	38.6#



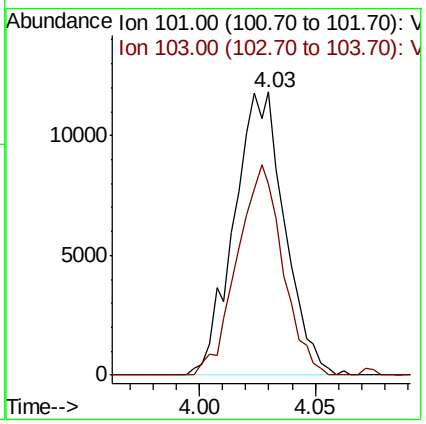


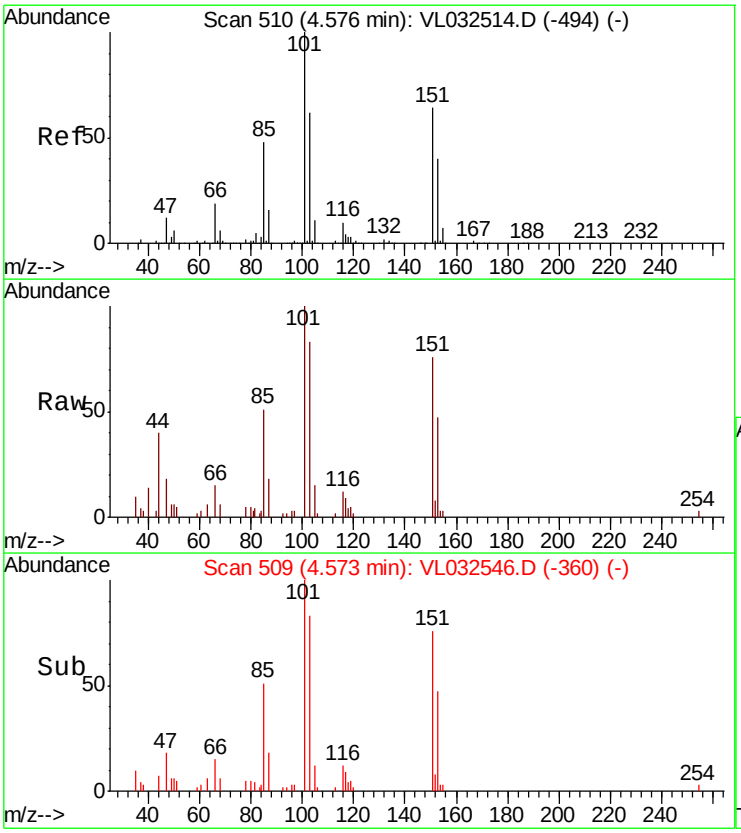
#11
Trichlorofluoromethane
Concen: 0.119 ppbv
RT: 4.03 min Scan# 340
Delta R.T. -0.01 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 18000

Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.8	79.2

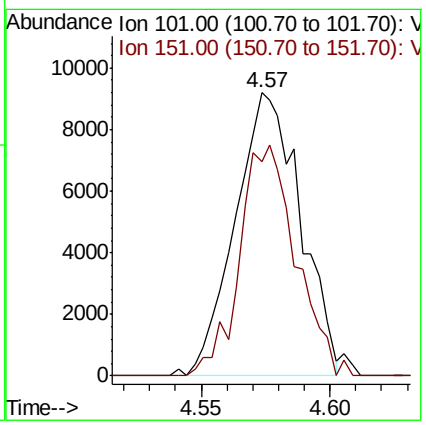


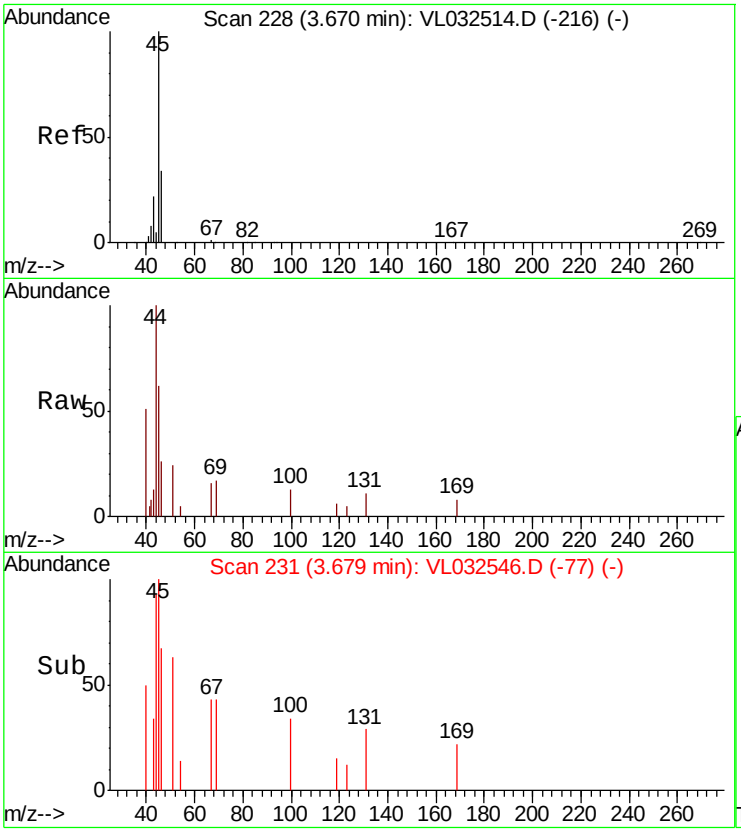


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.131 ppbv
RT: 4.57 min Scan# 509
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion:101 Resp: 16193

Ion	Ratio	Lower	Upper
101	100		
151	70.8	52.6	78.8



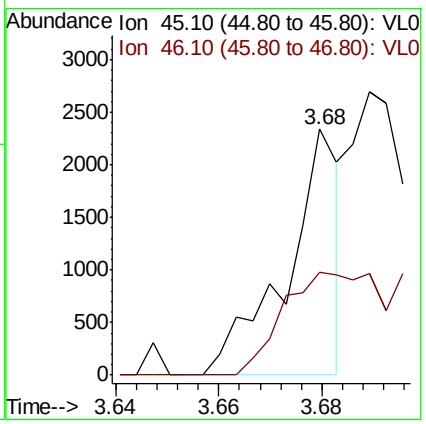


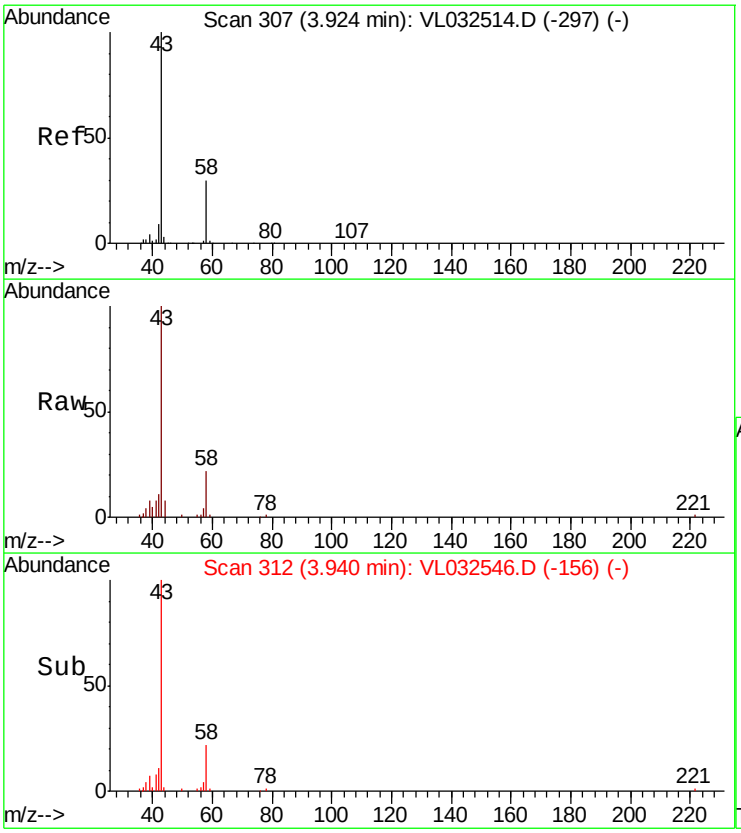
#13
Ethanol
Concen: 0.111 ppbv
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1658

Ion	Ratio	Lower	Upper
45	100		
46	128.3	14.2	56.8#

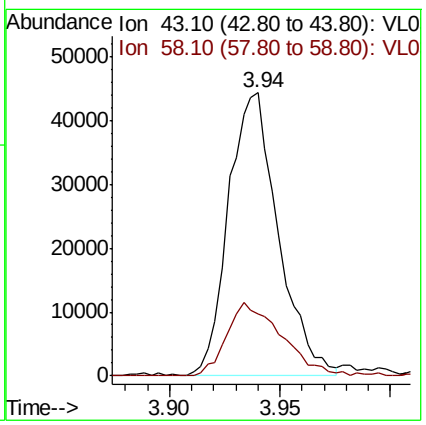


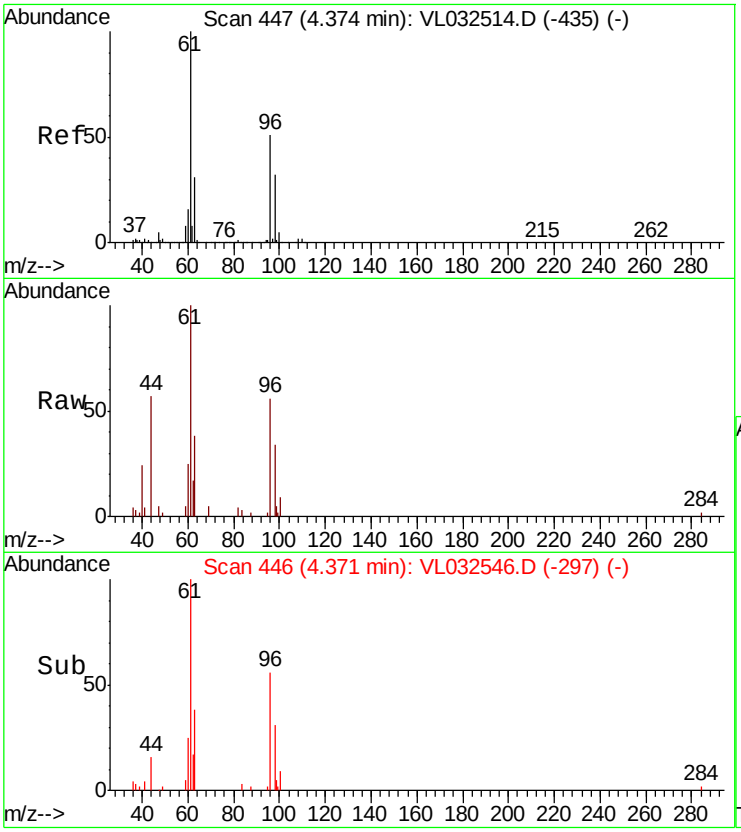


#15
Acetone
Concen: 0.574 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 43 Resp: 69597

Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	33.8



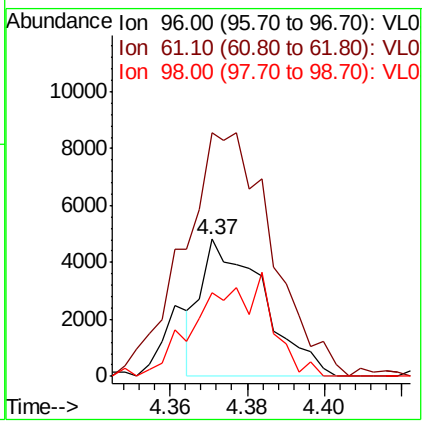


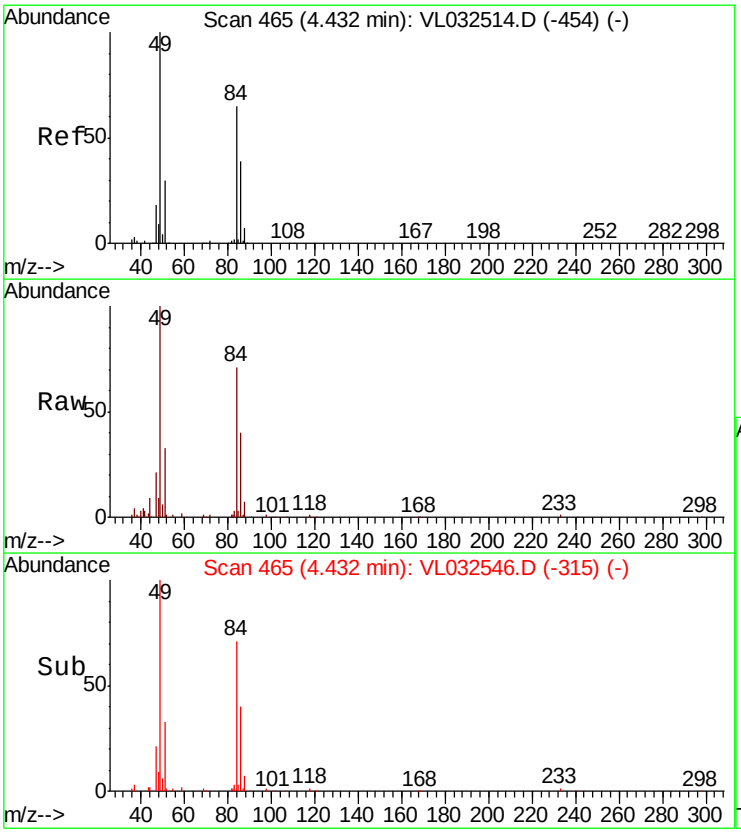
#18
1,1-Dichloroethene
Concen: 0.092 ppbv
RT: 4.37 min Scan# 446
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 5368

Ion	Ratio	Lower	Upper
96	100		
61	169.5	159.2	238.8
98	61.2	51.0	76.4

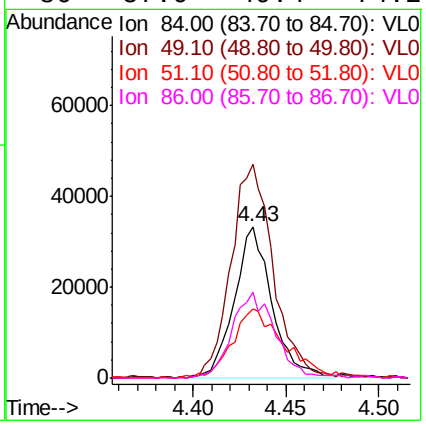


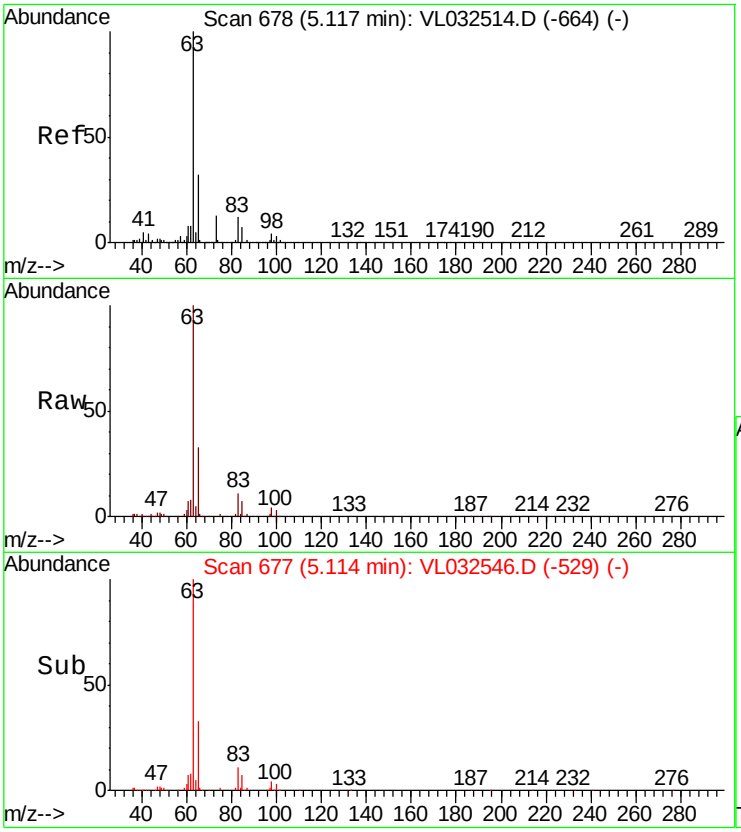


#20
Methylene Chloride
Concen: 0.806 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 84 Resp: 47264

Ion	Ratio	Lower	Upper
84	100		
49	141.2	119.1	178.7
51	44.2	35.2	52.8
86	57.0	49.4	74.2



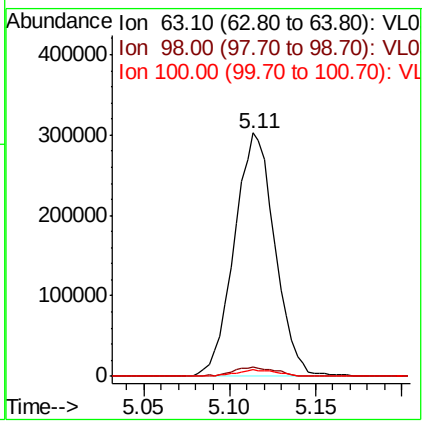


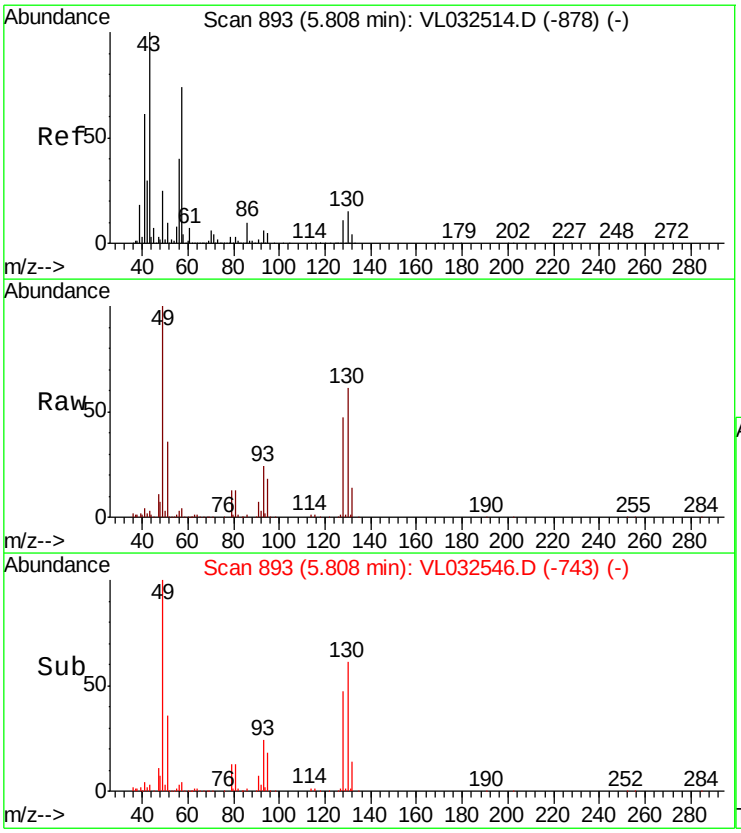
#24
1,1-Dichloroethane
Concen: 2.779 ppbv
RT: 5.11 min Scan# 677
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 495418

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	2.6	1.5	4.4

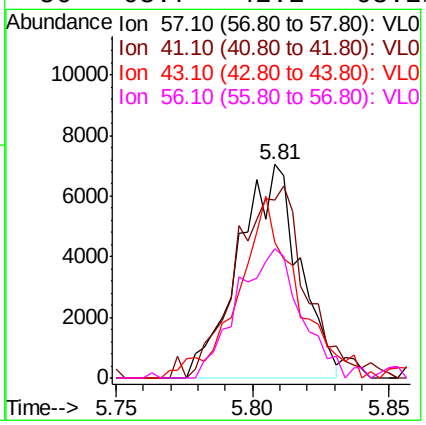


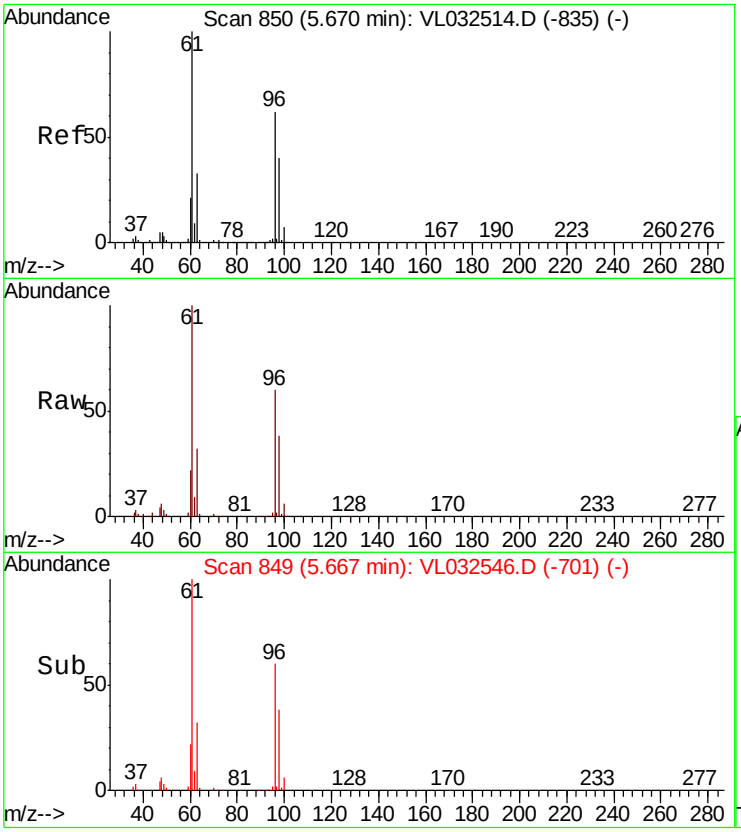


#26
Hexane
Concen: 0.083 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 57 Resp: 10983

Ion	Ratio	Lower	Upper
57	100		
41	103.4	69.0	103.4
43	87.1	172.1	258.1#
56	63.7	42.2	63.2#



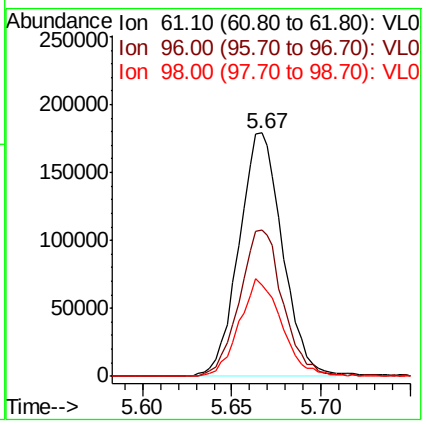


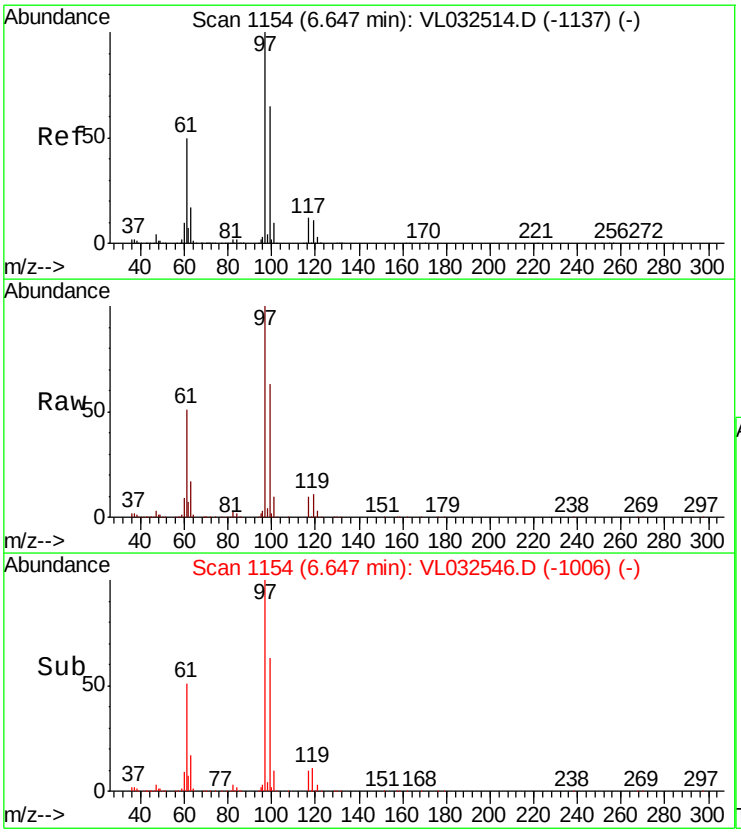
#31
cis-1,2-Dichloroethene
Concen: 2.407 ppbv
RT: 5.67 min Scan# 849
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 304426

Ion	Ratio	Lower	Upper
61	100		
96	59.9	49.2	73.8
98	37.5	30.7	46.1

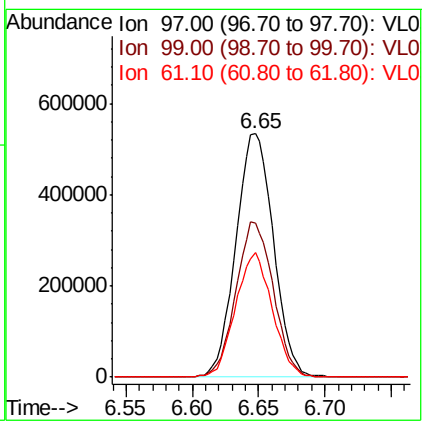


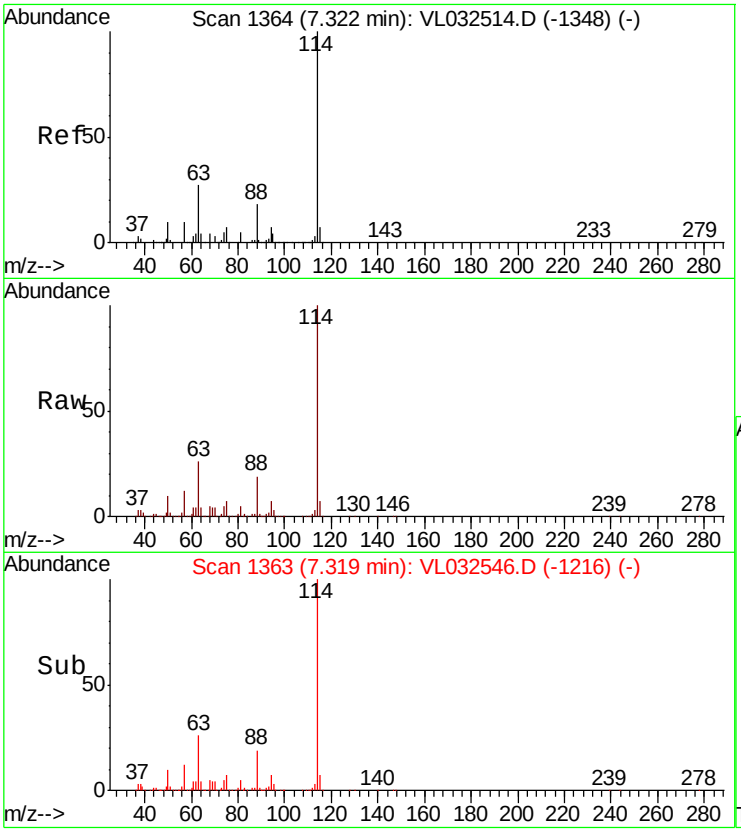


#32
1,1,1-Trichloroethane
Concen: 4.854 ppbv
RT: 6.65 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 97 Resp: 1053914

Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.1	78.1
61	50.1	42.5	63.7



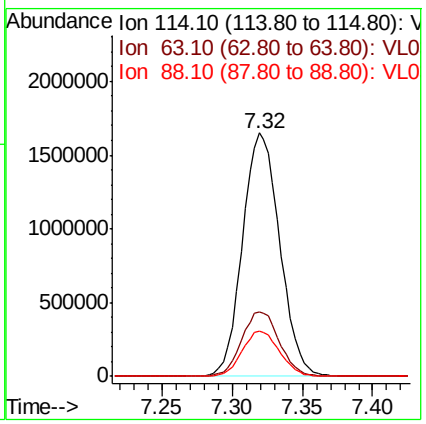


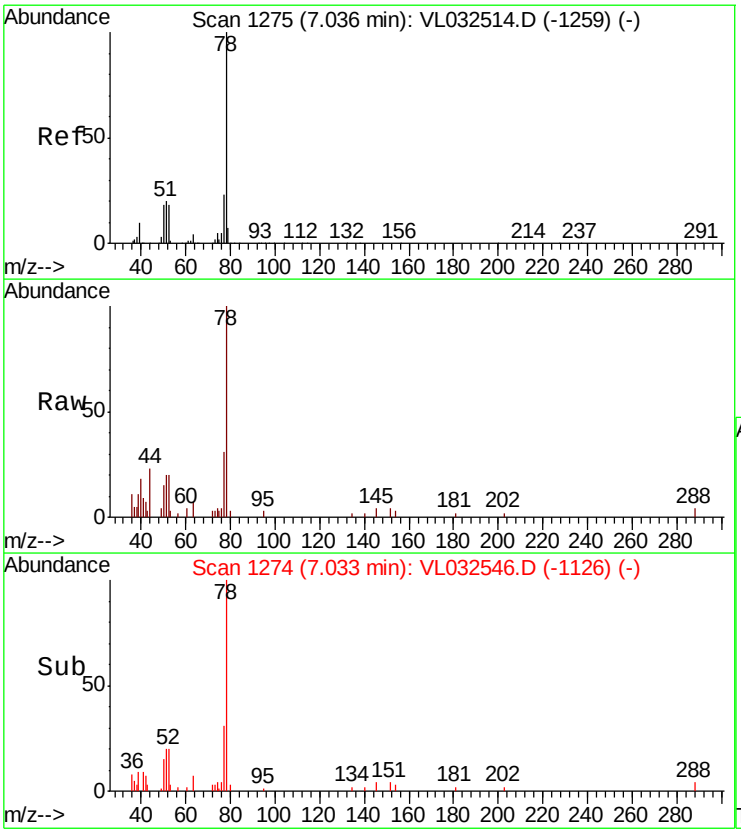
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3052042

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.4
88	18.7	15.0	22.4

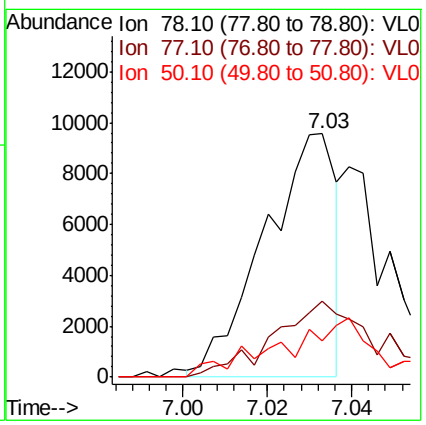


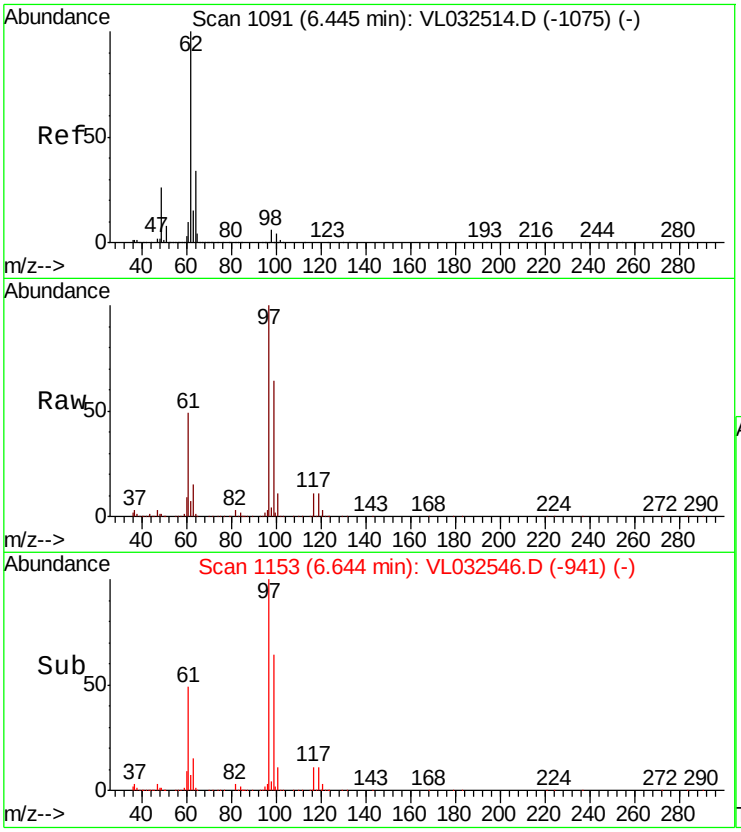


#36
Benzene
Concen: 0.046 ppbv
RT: 7.03 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion: 78 Resp: 11291

Ion	Ratio	Lower	Upper
78	100		
77	29.5	18.4	27.6#
50	15.2	14.4	21.6



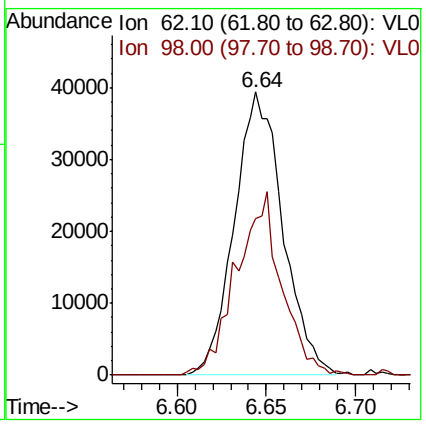


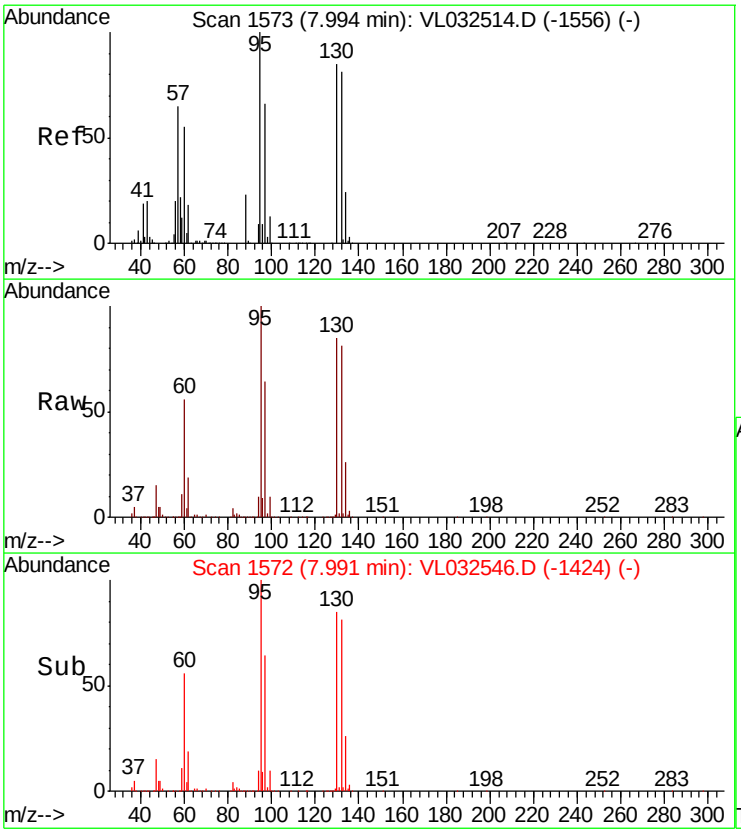
#37
1,2-Dichloroethane
Concen: 0.504 ppbv
RT: 6.64 min Scan# 1153
Delta R.T. 0.18 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 74943

Ion	Ratio	Lower	Upper
62	100		
98	60.2	5.0	7.6#

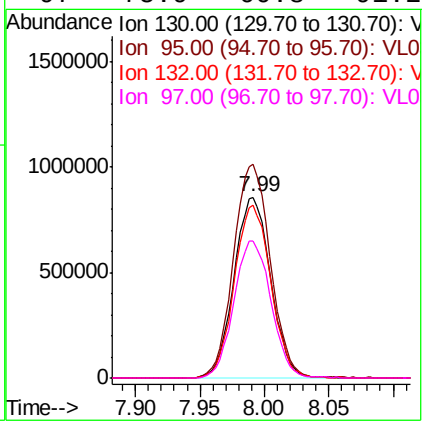


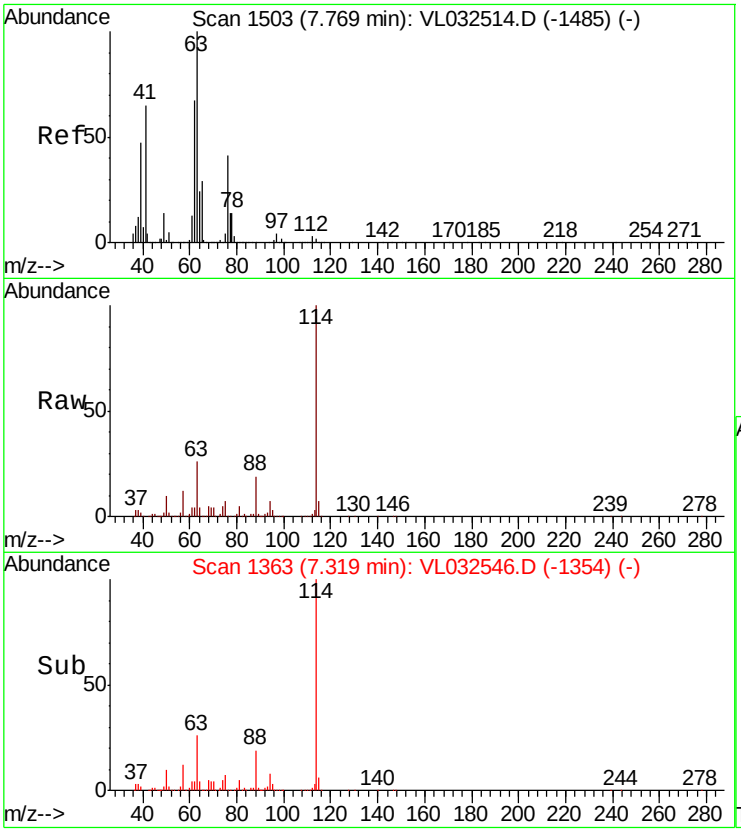


#38
Trichloroethene
Concen: 17.923 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion:130 Resp: 1692128

Ion	Ratio	Lower	Upper
130	100		
95	118.0	94.2	141.4
132	95.1	76.2	114.4
97	75.9	60.8	91.2



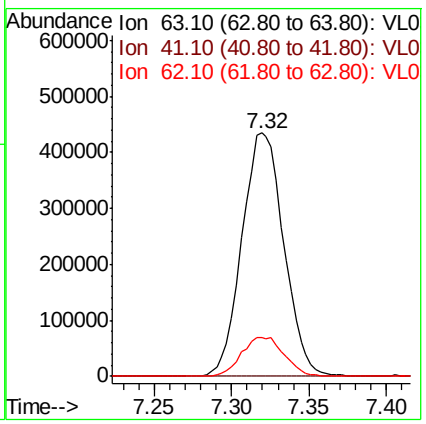


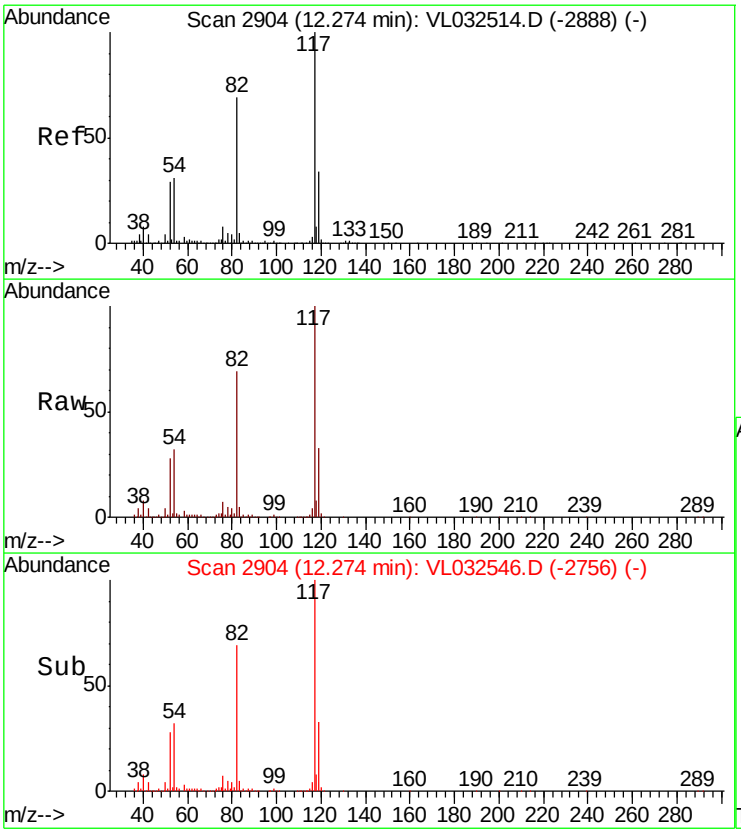
#39
1,2-Dichloropropane
Concen: 7.368 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 818948

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	15.7	55.4	83.0#

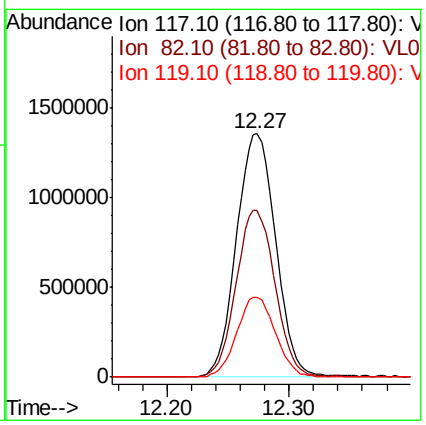


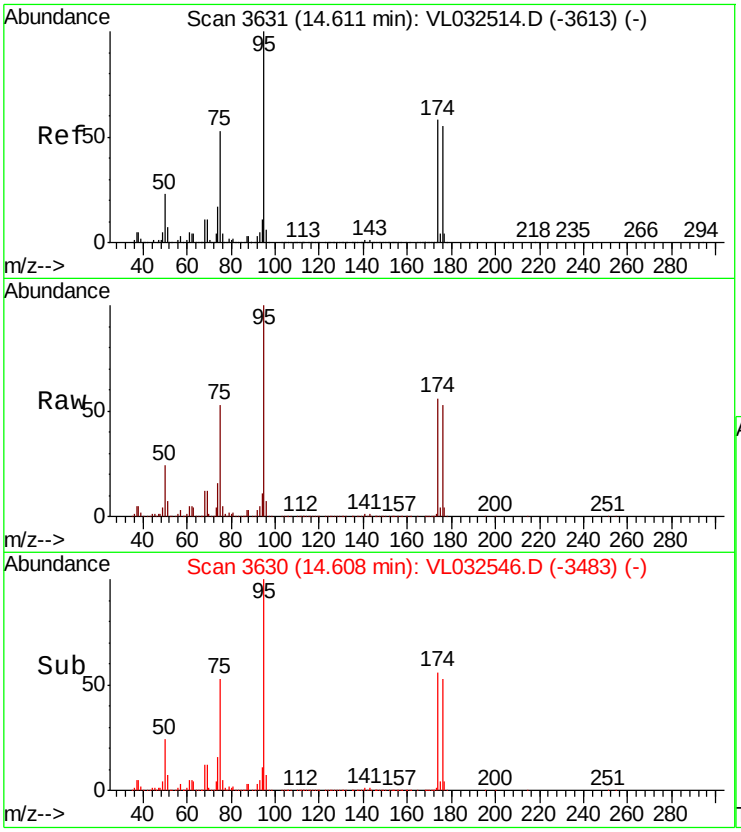


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Tgt Ion:117 Resp: 3009874

Ion	Ratio	Lower	Upper
117	100		
82	68.6	53.0	79.6
119	32.6	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.107 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032546.D
Acq: 25 Sep 2018 15:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2294070

Ion	Ratio	Lower	Upper
95	100		
174	57.1	46.3	69.5
175	4.2	3.4	5.0