Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101718\

Quantitation Report (Not Reviewed)

Data File : VL032643.D
Acq On : 17 Oct 2018 16:21
Operator : SY/AP
Sample : J5500-02DL2 1600X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS04-MIVIDL2

Quant Time: Oct 17 16:52:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 17 08:55:11 2018
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1124599	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2412388	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2331691	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.60	95	1803769	10.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	4415	Below Cal		95
3) Chlorodifluoromethane	3.03	51	3480	0.037	ppbv	96
9) Propene	3.05	41	2415	0.070	ppbv #	15
15) Acetone	3.94	43	24419	0.244	ppbv	92
16) 1,3-Butadiene	3.37	39	1671	0.045	ppbv	95
18) 1,1-Dichloroethene	4.36	96	1845	0.039	ppbv #	74
20) Methylene Chloride	4.43	84	7407	0.165	ppbv	95
26) Hexane	5.80	57	6334	0.059	ppbv #	65
29) Chloroform	5.86	83	908177	4.858	ppbv	96
35) Carbon Tetrachloride	7.15	117	219706	1.175	ppbv	97
36) Benzene	7.02	78	6177	0.032	ppbv #	85
39) 1,2-Dichloropropane	7.31	63	652388	8.201	ppbv #	26
80) Naphthalene,2-methyl-	25.32	142	112	0.742	ppbv #	5

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

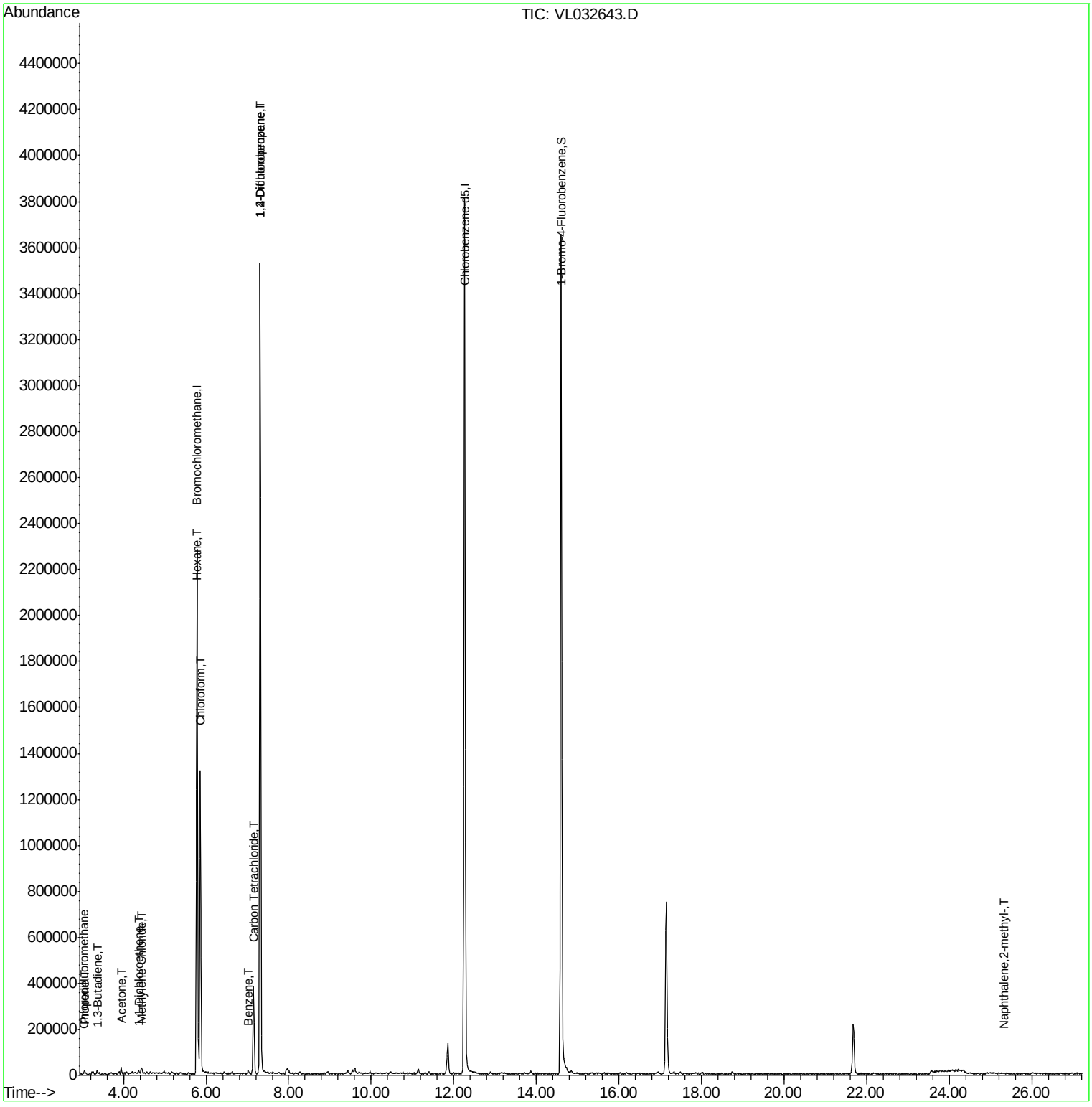
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101718\

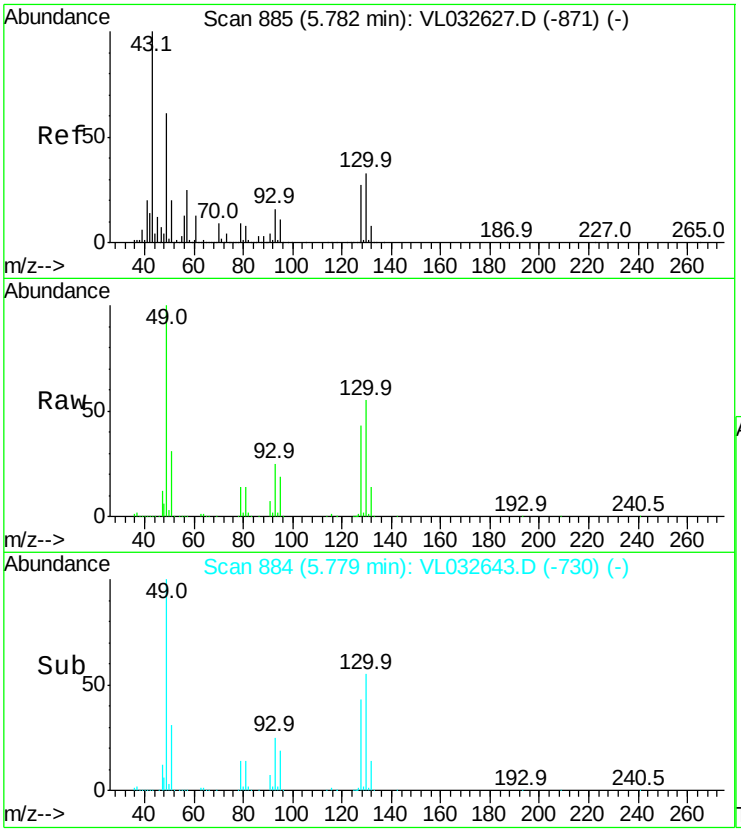
Quantitation Report (Not Reviewed)

Data File : VL032643.D
Acq On : 17 Oct 2018 16:21
Operator : SY/AP
Sample : J5500-02DL2 1600X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS04-MIVIDL2

Quant Time: Oct 17 16:52:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 17 08:55:11 2018
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration



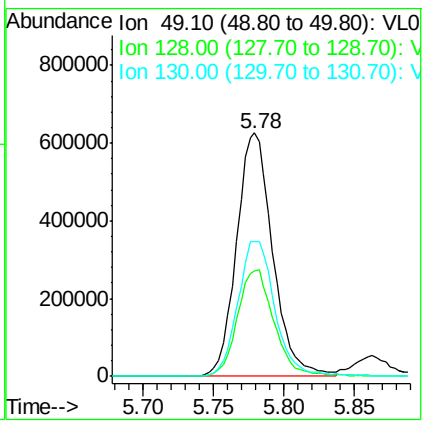


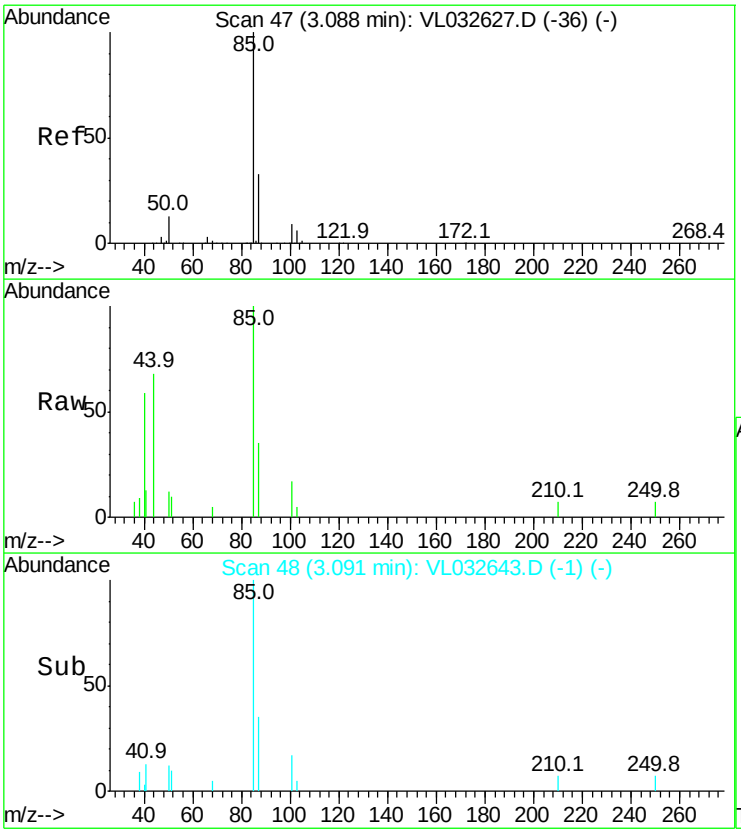
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 49 Resp: 1124599

Ion	Ratio	Lower	Upper
49	100		
128	44.9	22.3	66.8
130	57.4	28.4	85.3

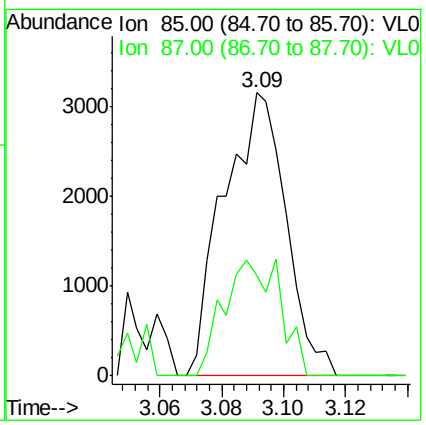


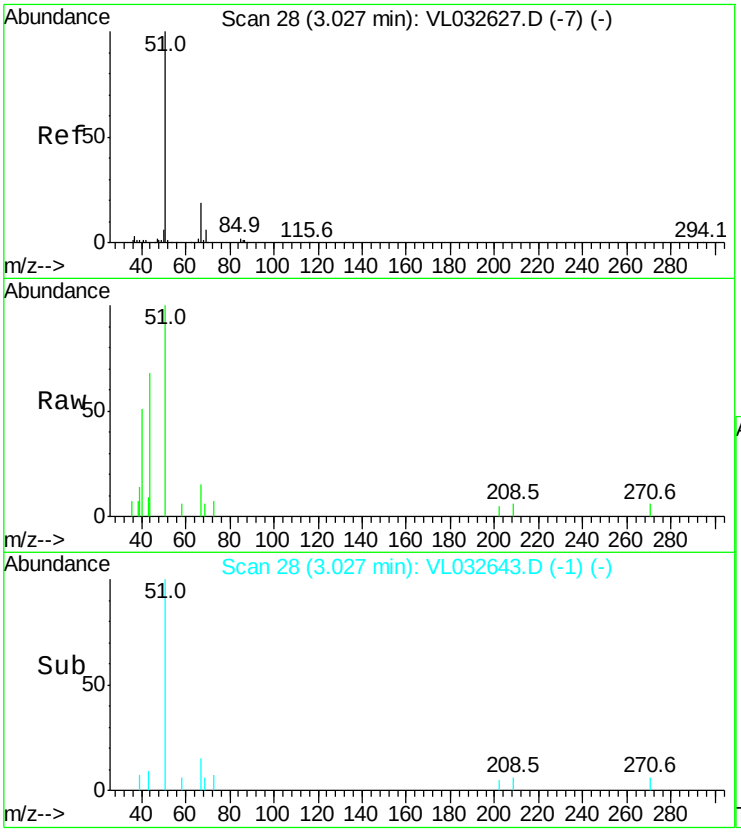


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 3.09 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 85 Resp: 4415

Ion	Ratio	Lower	Upper
85	100		
87	35.3	26.2	39.2



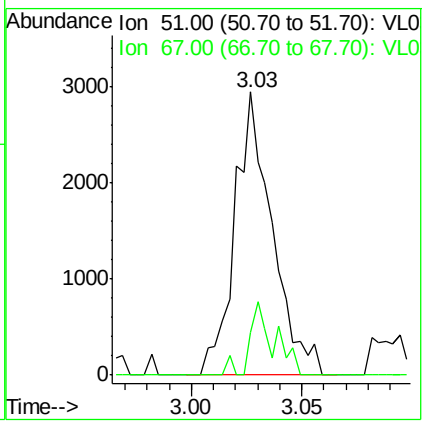


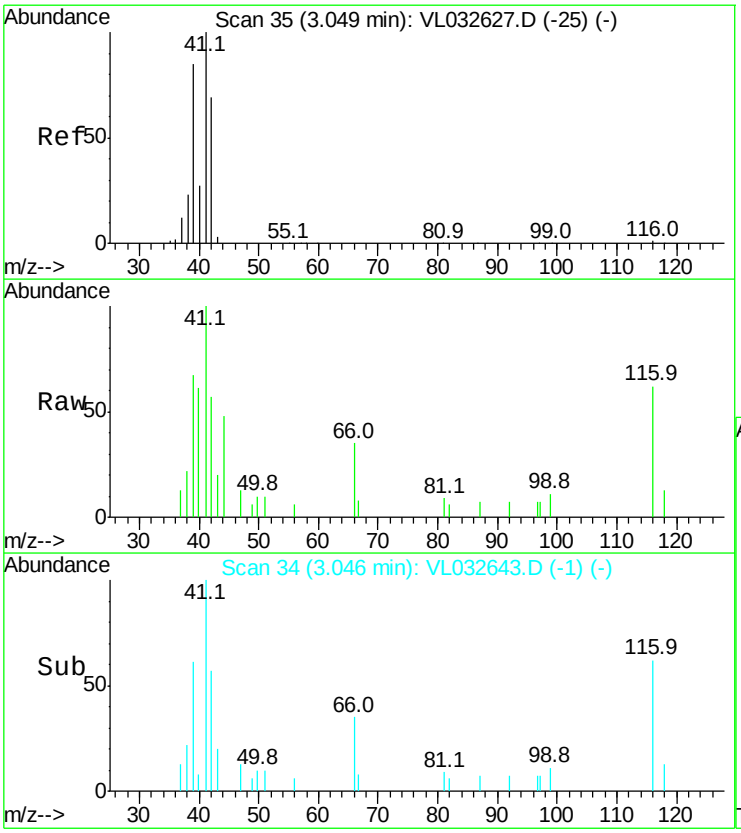
#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.03 min Scan# 28
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 51 Resp: 3480

Ion	Ratio	Lower	Upper
51	100		
67	17.0	15.2	22.8

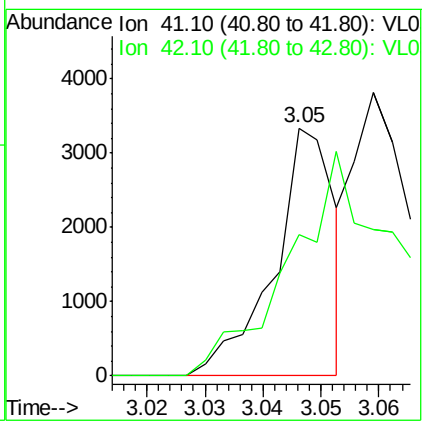


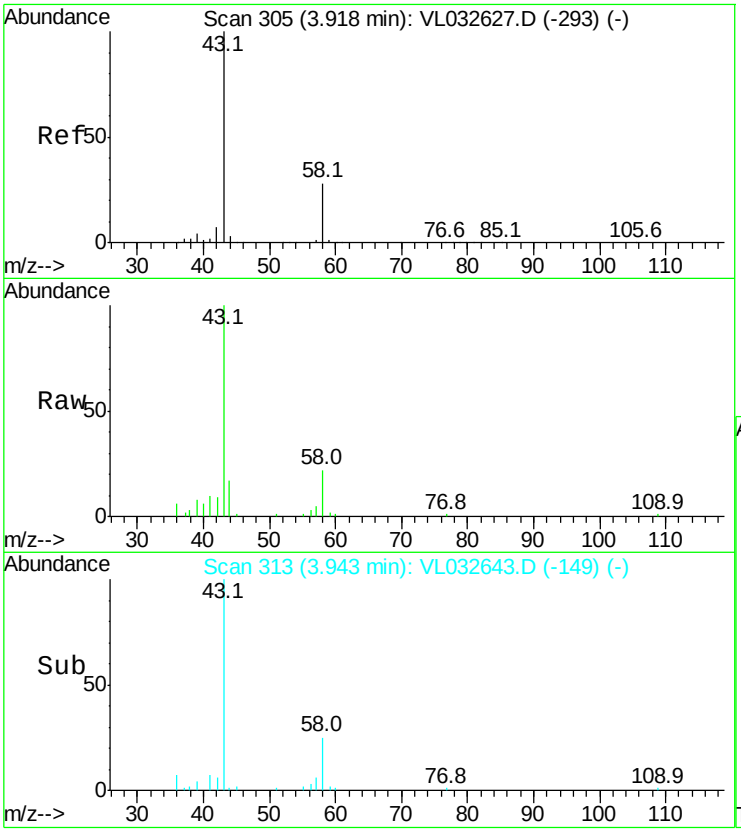


#9
Propene
Concen: 0.070 ppbv
RT: 3.05 min Scan# 34
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 41 Resp: 2415

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.4	83.0#



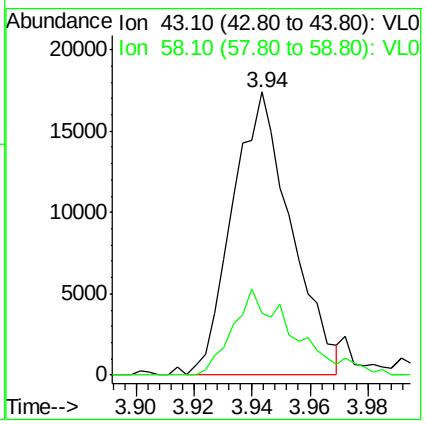


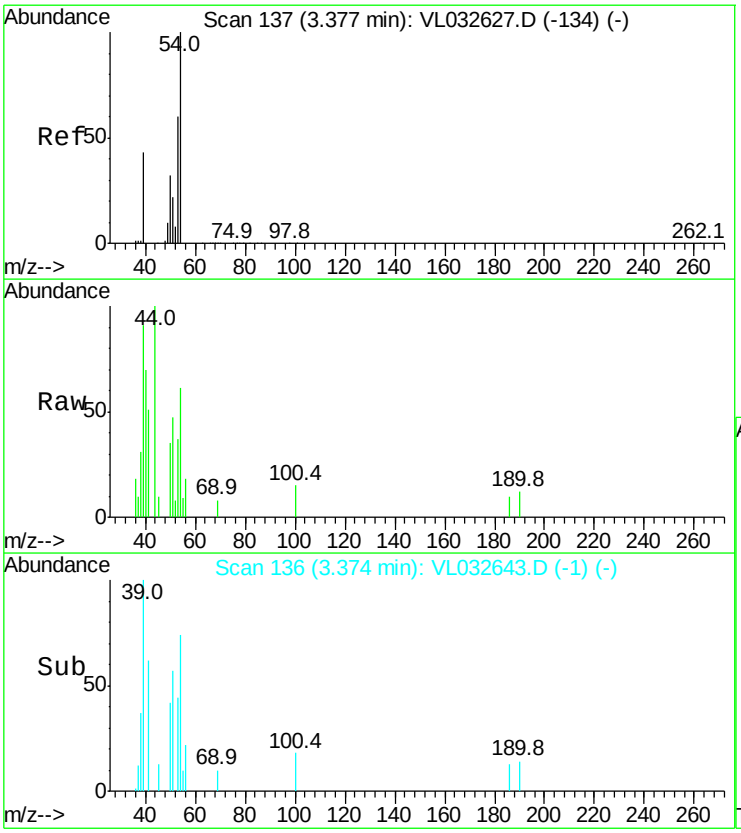
#15
Acetone
Concen: 0.244 ppbv
RT: 3.94 min Scan# 313
Delta R.T. 0.03 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 43 Resp: 24419

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.1	33.1

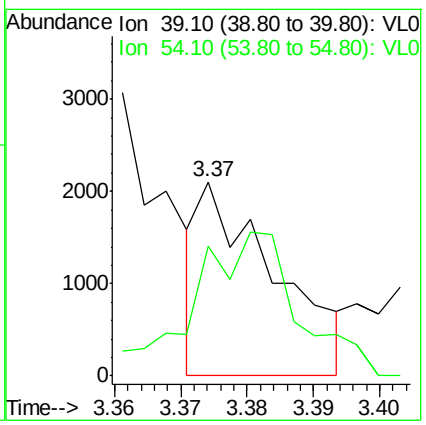


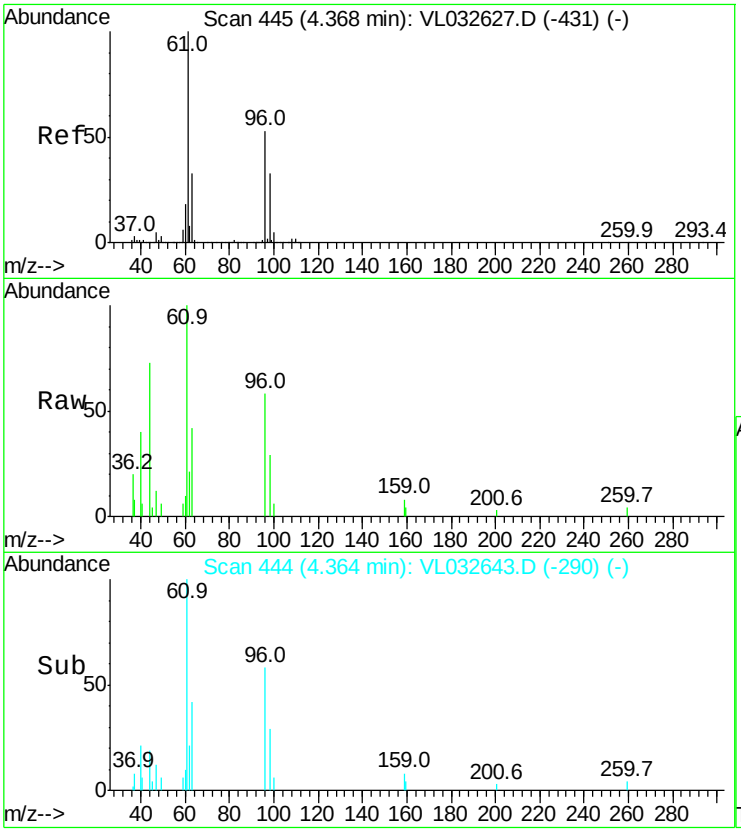


#16
1,3-Butadiene
Concen: 0.045 ppbv
RT: 3.37 min Scan# 136
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 39 Resp: 1671

Ion	Ratio	Lower	Upper
39	100		
54	107.7	90.4	135.6



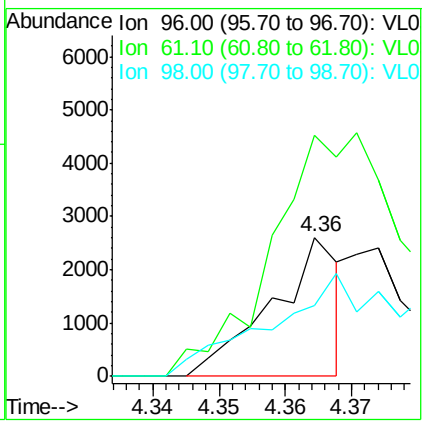


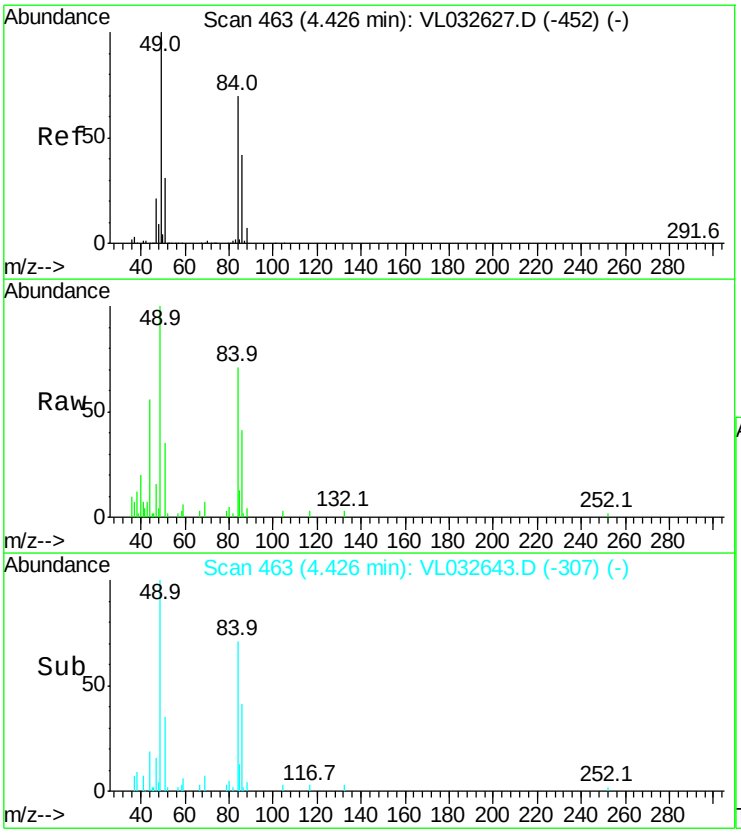
#18
1,1-Dichloroethene
Concen: 0.039 ppbv
RT: 4.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument : MSVOA_L
ClientSampleId : SS04-MIVIDL2

Tgt Ion: 96 Resp: 1845

Ion	Ratio	Lower	Upper
96	100		
61	153.8	151.6	227.4
98	38.5	50.6	75.8#

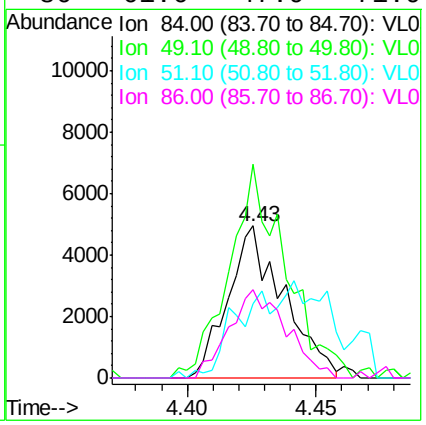


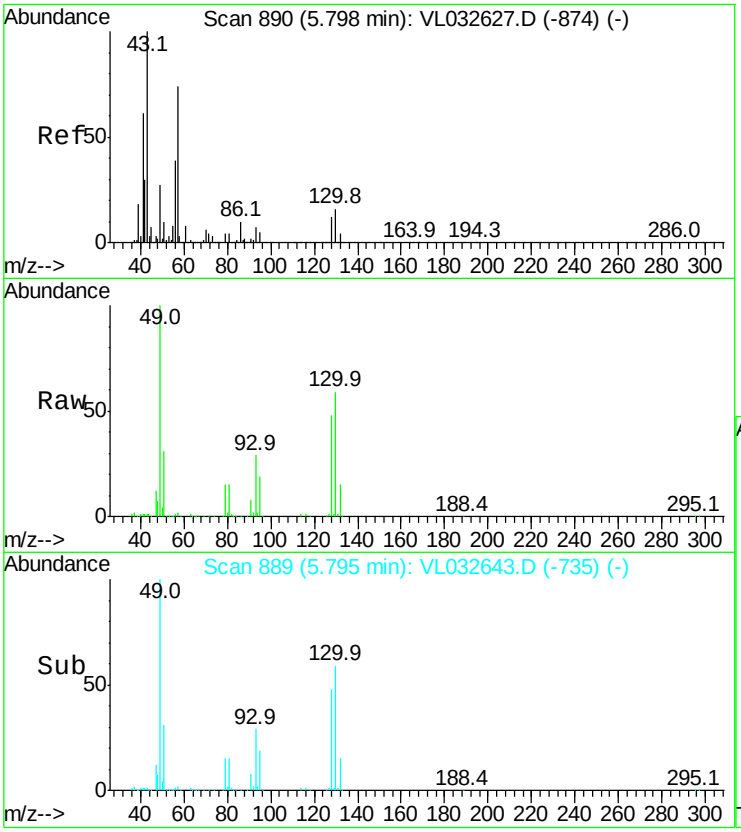


#20
Methylene Chloride
Concen: 0.165 ppbv
RT: 4.43 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 84 Resp: 7407

Ion	Ratio	Lower	Upper
84	100		
49	135.4	113.5	170.3
51	49.1	34.8	52.2
86	61.6	47.9	71.9



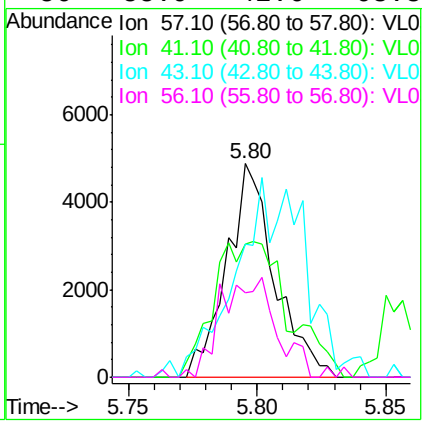


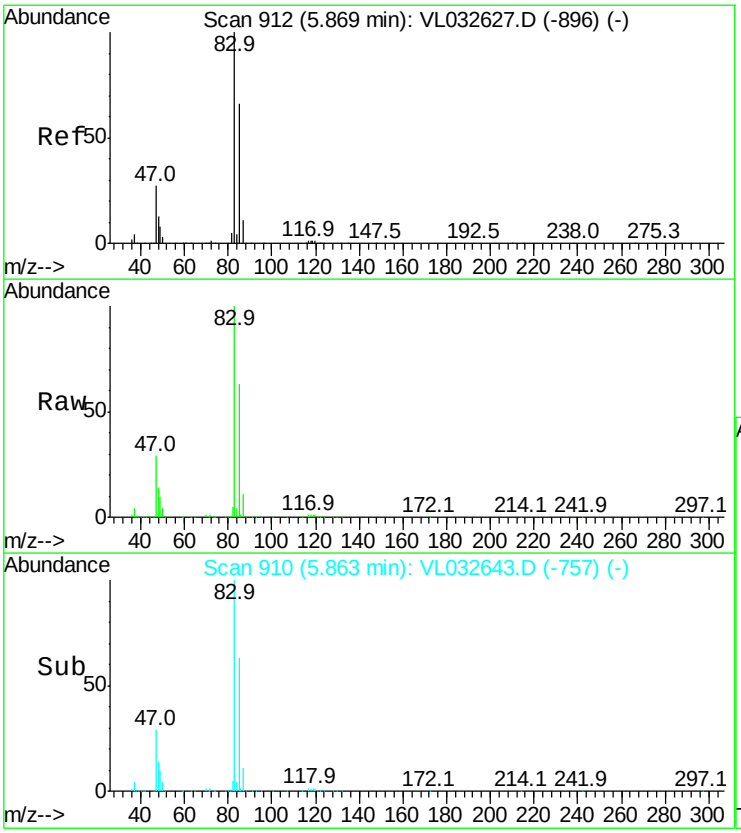
#26
Hexane
Concen: 0.059 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 57 Resp: 6334

Ion	Ratio	Lower	Upper
57	100		
41	98.9	67.4	101.0
43	135.9	171.9	257.9#
56	55.9	42.6	63.8

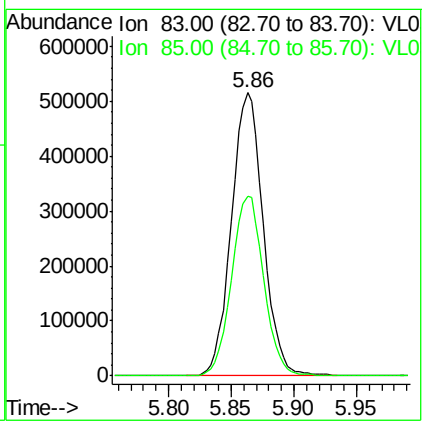


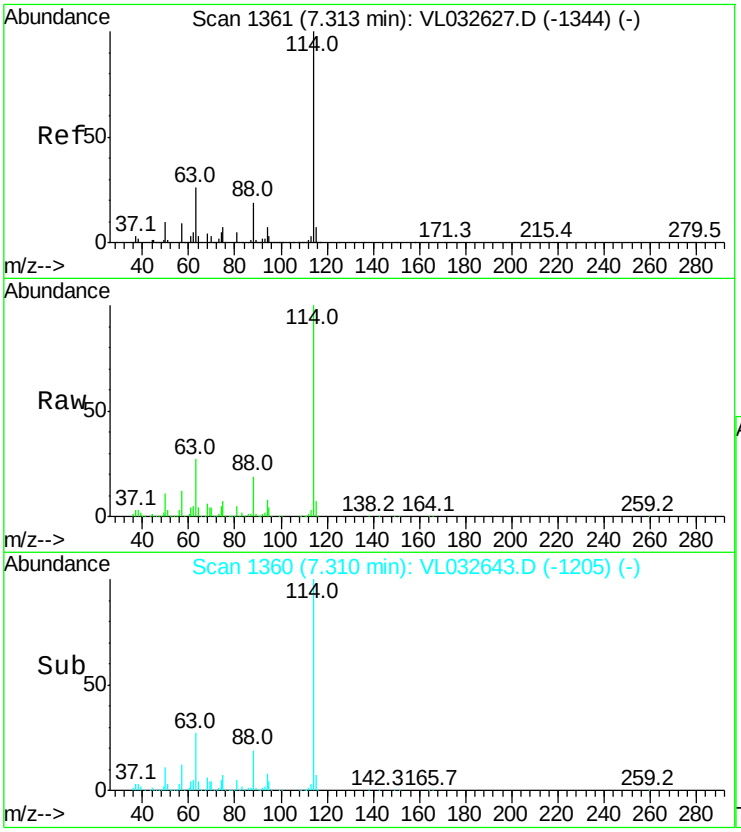


#29
Chloroform
Concen: 4.858 ppbv
RT: 5.86 min Scan# 910
Delta R.T. -0.01 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 83 Resp: 908177

Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.0	79.6



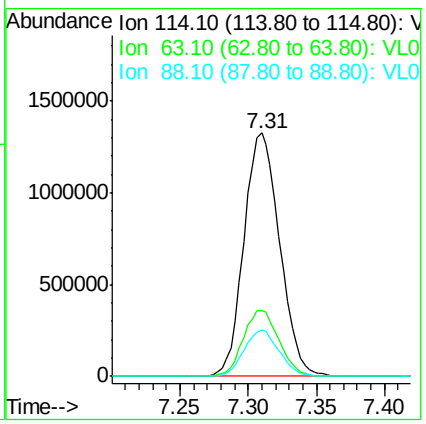


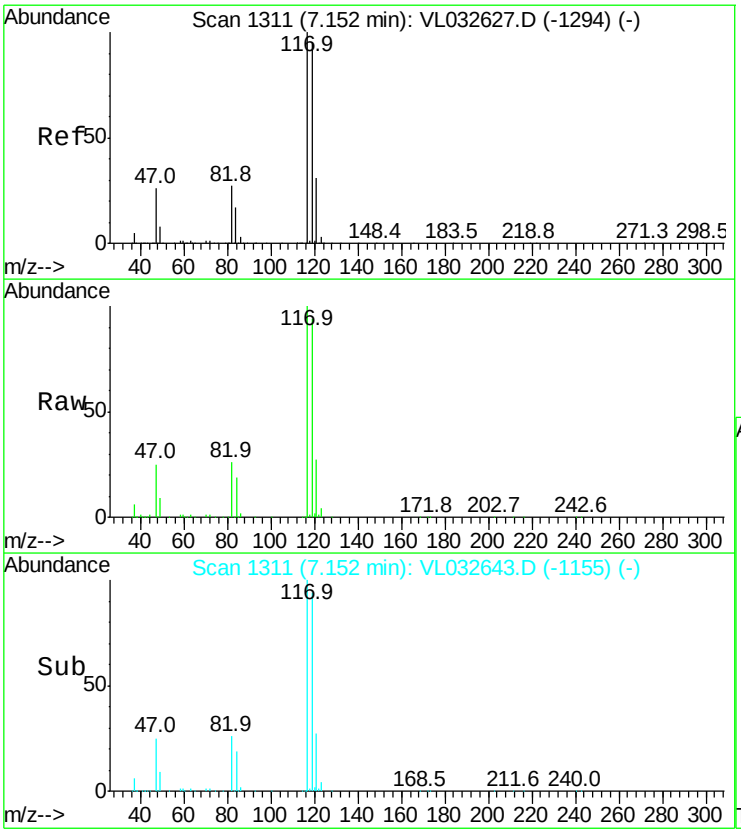
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion:114 Resp: 2412388

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.7	32.5
88	18.7	14.9	22.3

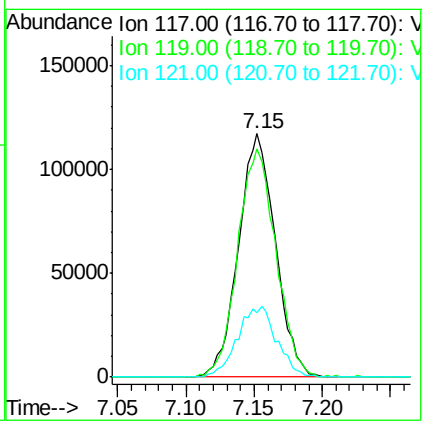


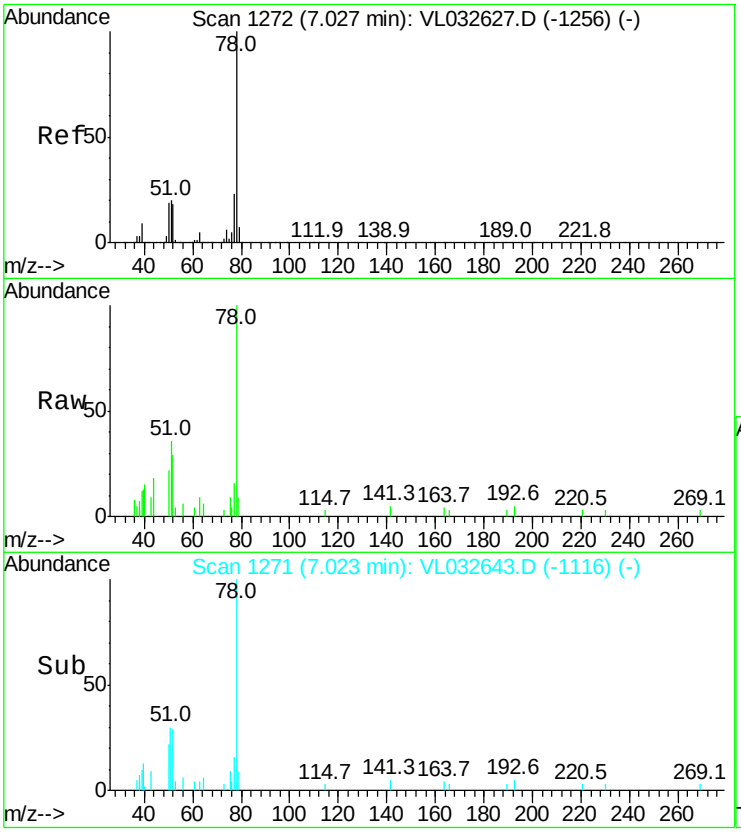


#35
Carbon Tetrachloride
Concen: 1.175 ppbv
RT: 7.15 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion:117 Resp: 219706

Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.7	113.5
121	26.5	24.7	37.1



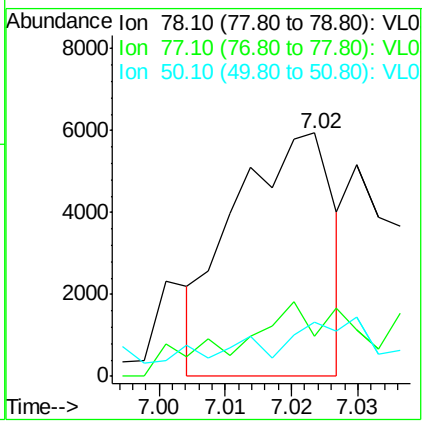


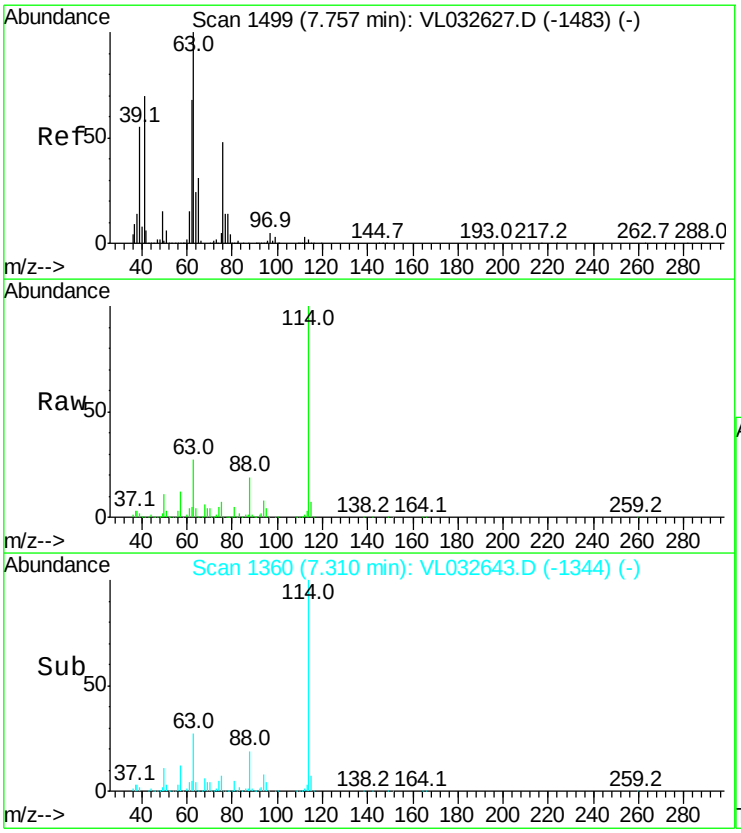
#36
Benzene
Concen: 0.032 ppbv
RT: 7.02 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument : MSVOA_L
ClientSampleId : SS04-MIVIDL2

Tgt Ion: 78 Resp: 6177

Ion	Ratio	Lower	Upper
78	100		
77	13.2	18.1	27.1#
50	14.6	15.1	22.7#

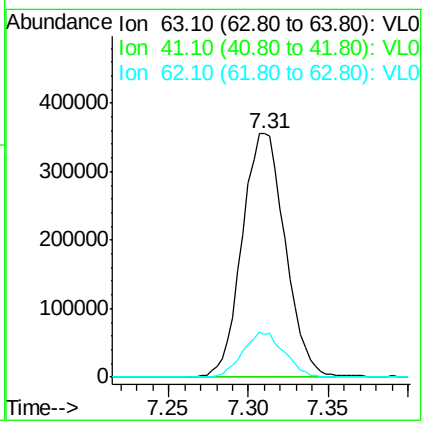


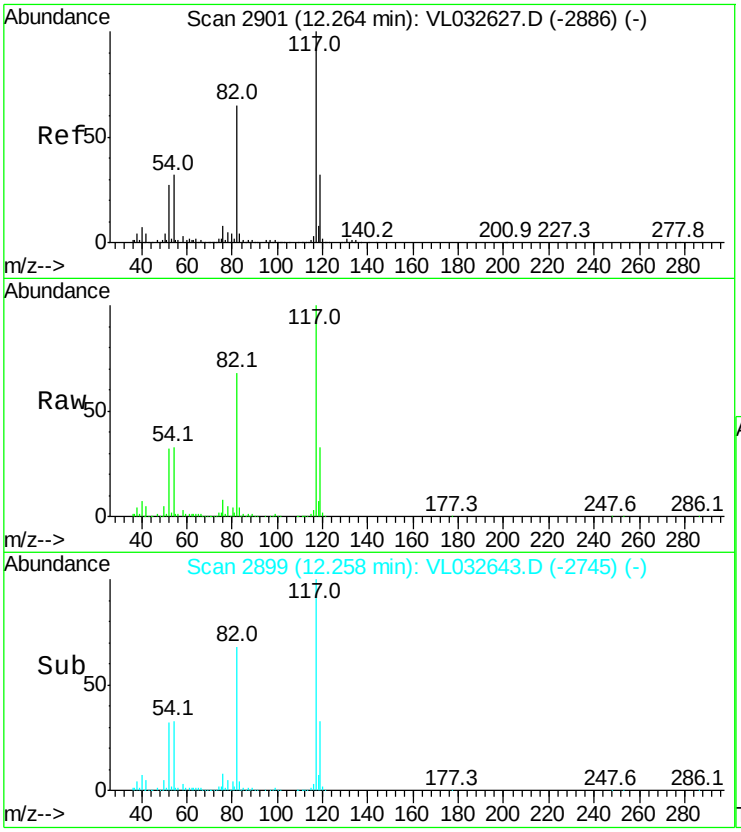


#39
1,2-Dichloropropane
Concen: 8.201 ppbv
RT: 7.31 min Scan# 1360
Delta R.T. -0.45 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 63 Resp: 652388

Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.2	84.4#
62	17.7	54.4	81.6#



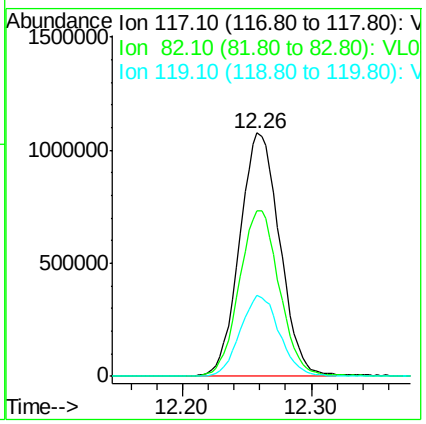


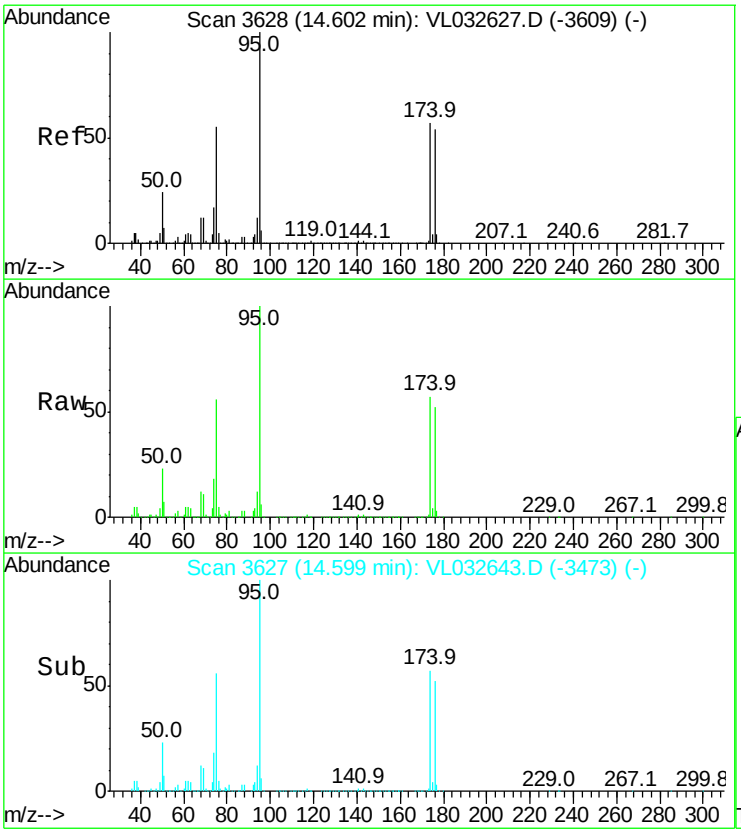
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion:117 Resp: 2331691

Ion	Ratio	Lower	Upper
117	100		
82	68.6	52.7	79.1
119	32.7	26.7	40.1

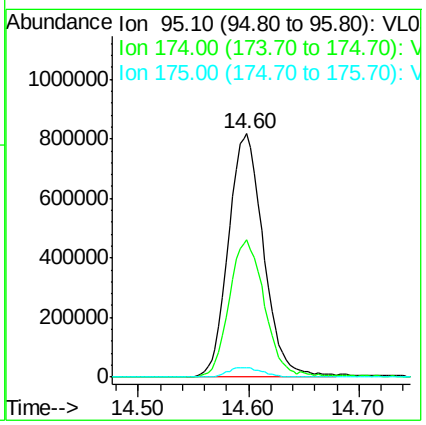


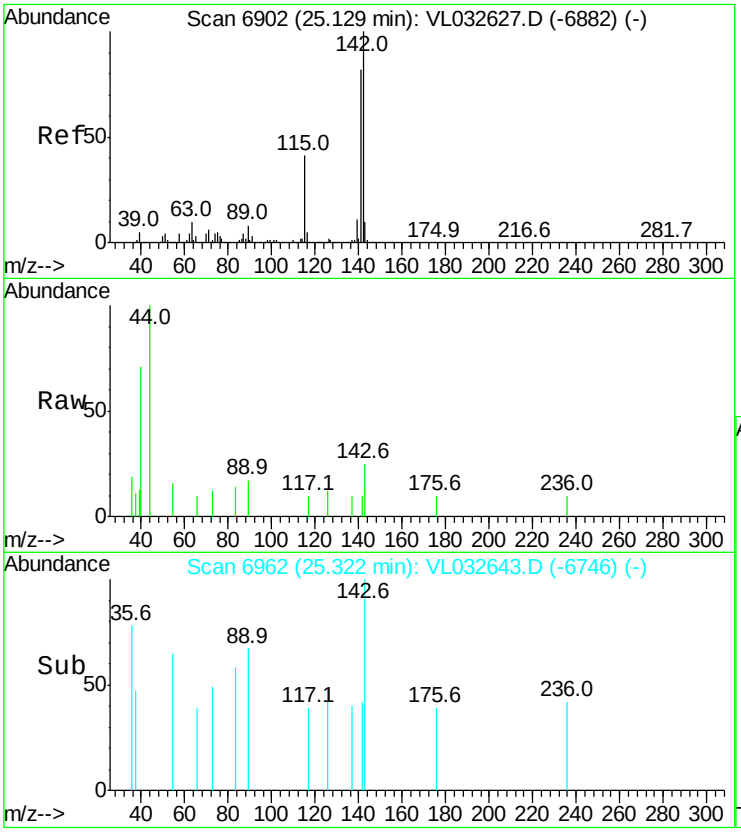


#68
1-Bromo-4-Fluorobenzene
Concen: 10.274 ppbv
RT: 14.60 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Tgt Ion: 95 Resp: 1803769

Ion	Ratio	Lower	Upper
95	100		
174	57.8	46.0	69.0
175	4.1	3.4	5.0





#80
Naphthalene,2-methyl-
Concen: 0.742 ppbv
RT: 25.32 min Scan# 6962
Delta R.T. 0.19 min
Lab File: VL032643.D
Acq: 17 Oct 2018 16:21

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion:142 Resp: 112

Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.5	101.3#
115	104.5	33.5	50.3#