Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070219\

Quantitation Report (Not Reviewed)

Data File : VL033994.D
Acq On : 2 Jul 2019 16:49
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jul 02 19:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 16:27:55 2019
QLast Update : Tue Jul 02 16:27:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	948185	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2562560	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	2562367	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	2033729	9.66	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.60%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.00	51	6658	0.060	ppbv	99
8) Dichlorotetrafluoroethane	3.21	85	8142	0.050	ppbv	97
9) Propene	3.03	41	2353	0.056	ppbv	93
20) Methylene Chloride	4.38	84	2522	0.047	ppbv #	57
29) Chloroform	5.81	83	6282	0.038	ppbv #	44
39) 1,2-Dichloropropane	7.26	63	640219	8.474	ppbv #	23

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070219\

Quantitation Report (Not Reviewed)

Data File : VL033994.D
Acq On : 2 Jul 2019 16:49
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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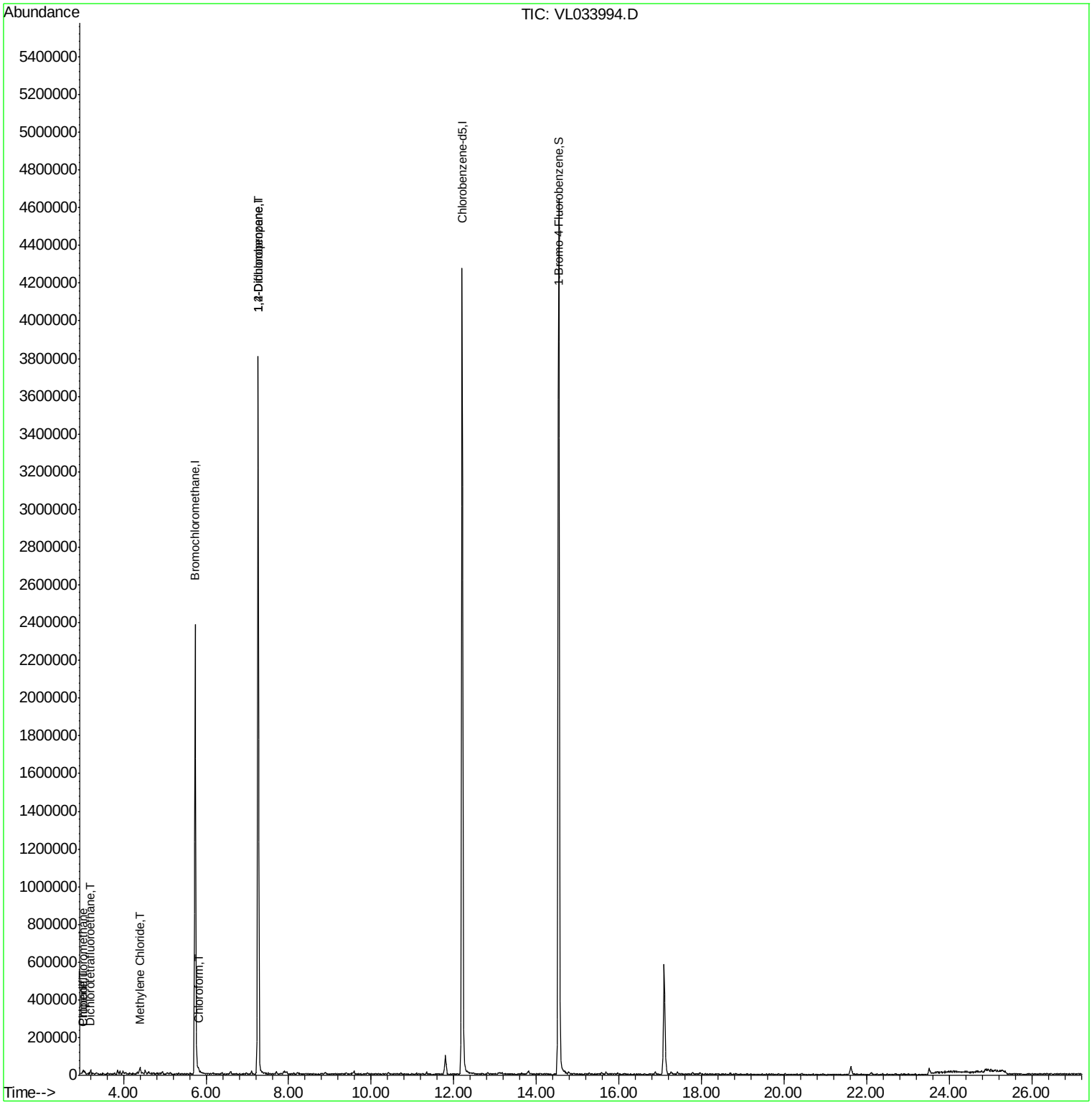
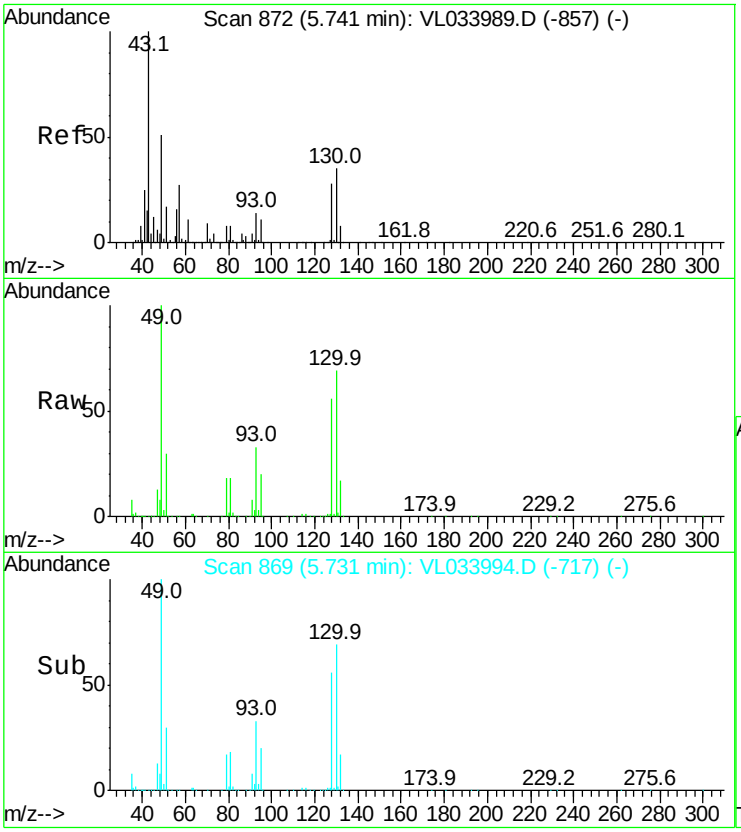
Quant Time: Jul 02 19:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 16:27:55 2019
QLast Update : Tue Jul 02 16:27:55 2019
Response via : Initial Calibration



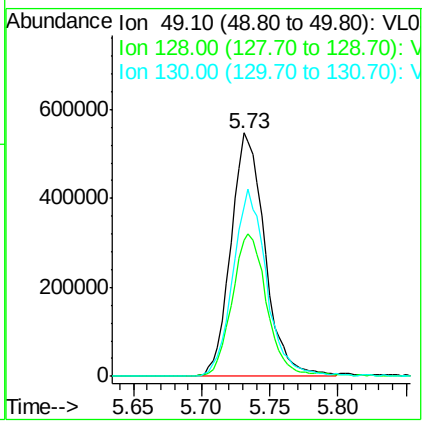


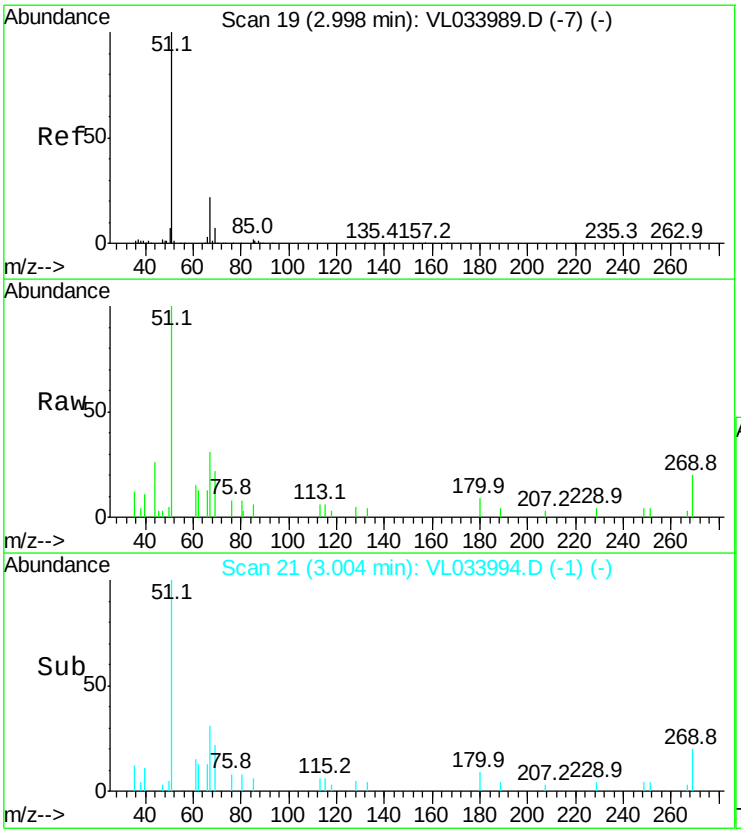
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 869
Delta R.T. -0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 948185

Ion	Ratio	Lower	Upper
49	100		
128	60.2	27.9	83.6
130	76.6	35.8	107.4

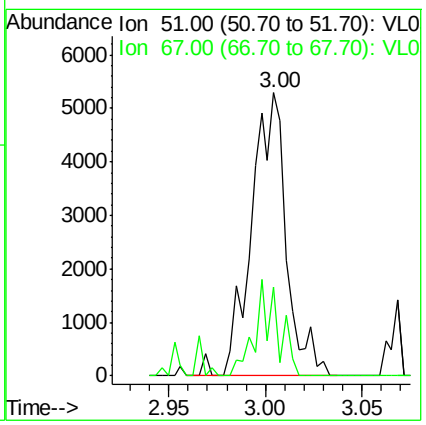


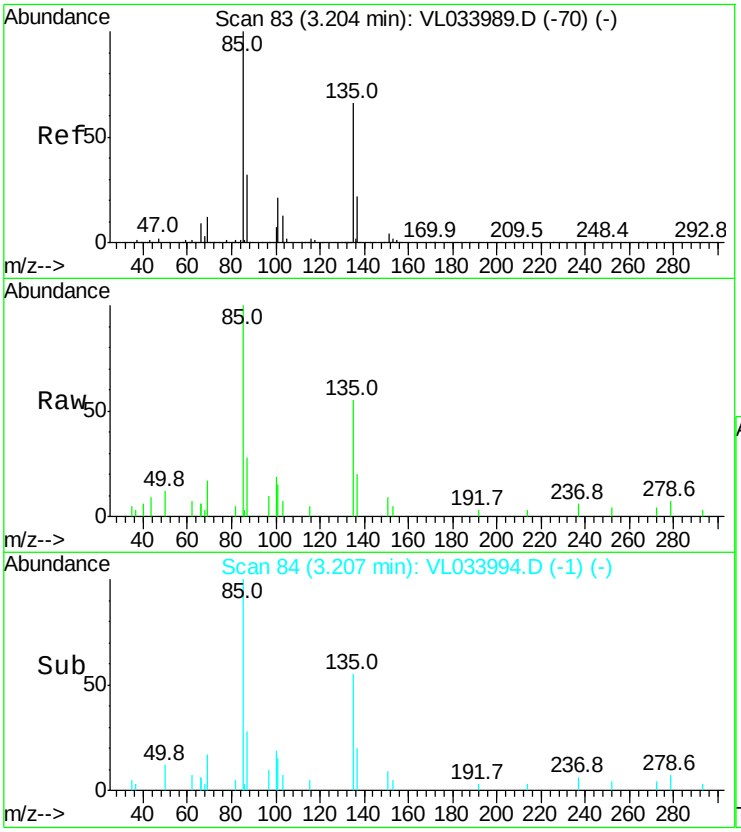


#3
Chlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.00 min Scan# 21
Delta R.T. 0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Tgt Ion: 51 Resp: 6658

Ion	Ratio	Lower	Upper
51	100		
67	22.3	17.3	25.9



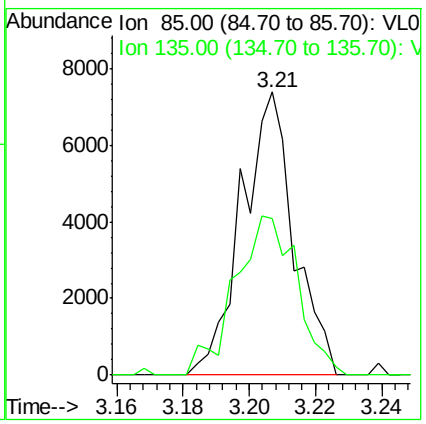


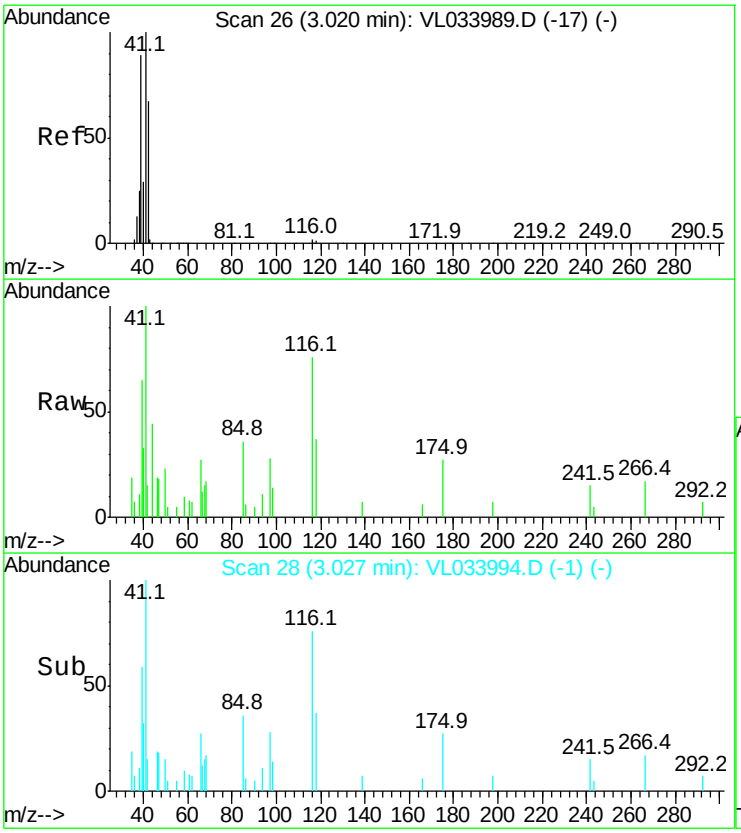
#8
Dichlorotetrafluoroethane
Concen: 0.050 ppbv
RT: 3.21 min Scan# 84
Delta R.T. 0.00 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 85 Resp: 8142

Ion	Ratio	Lower	Upper
85	100		
135	66.4	55.0	82.4

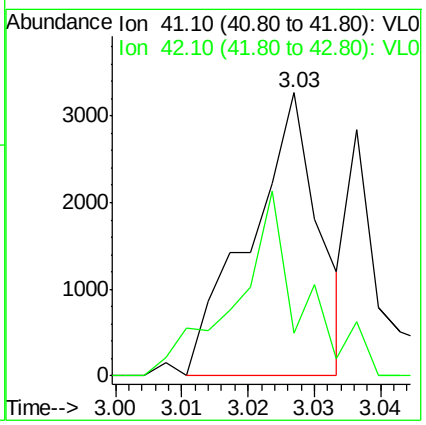


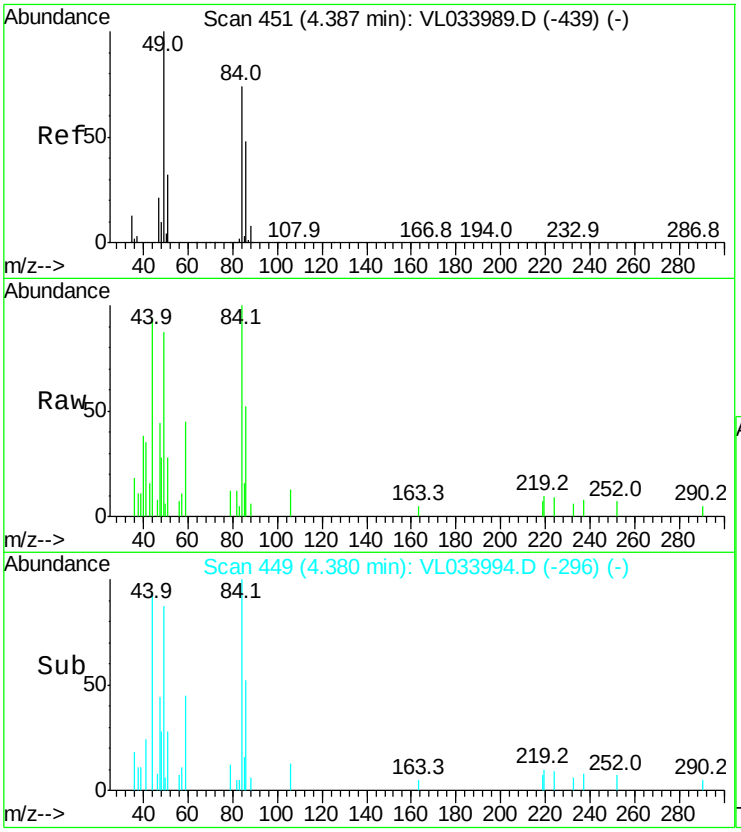


#9
Propene
Concen: 0.056 ppbv
RT: 3.03 min Scan# 28
Delta R.T. 0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Tgt Ion: 41 Resp: 2353

Ion	Ratio	Lower	Upper
41	100		
42	65.7	57.1	85.7



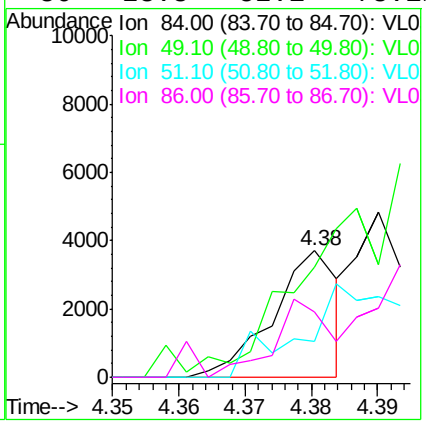


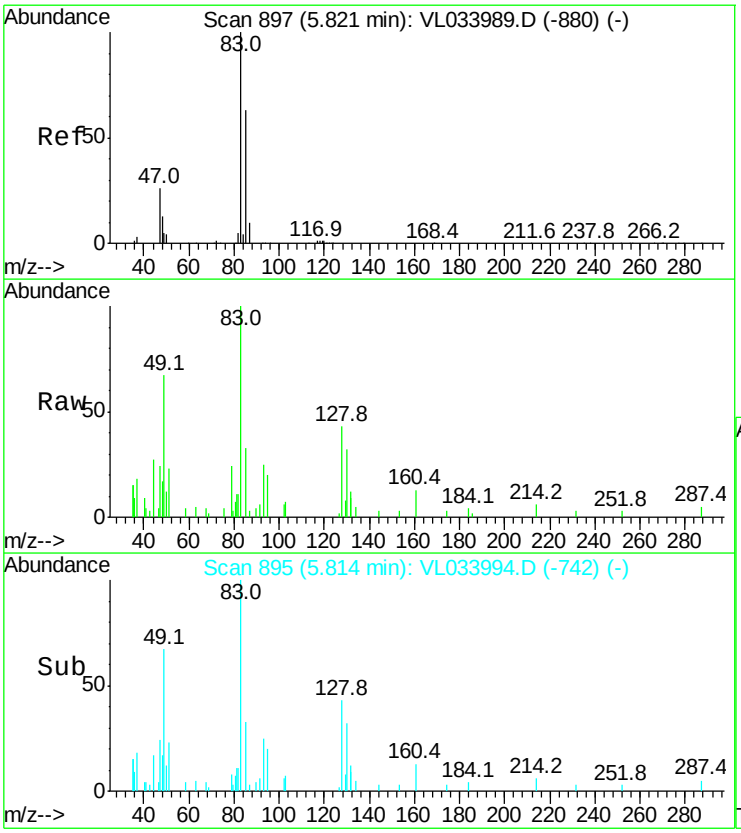
#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 4.38 min Scan# 449
Delta R.T. -0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 84 Resp: 2522

Ion	Ratio	Lower	Upper
84	100		
49	82.3	107.6	161.4#
51	27.9	35.0	52.6#
86	23.8	52.1	78.1#

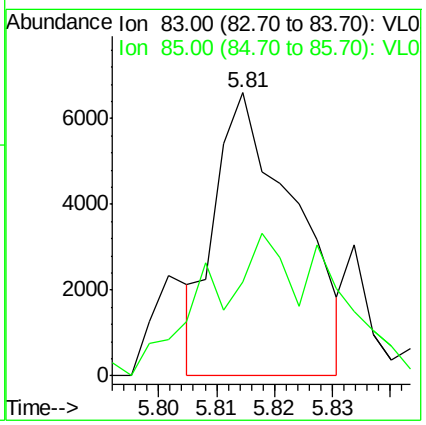


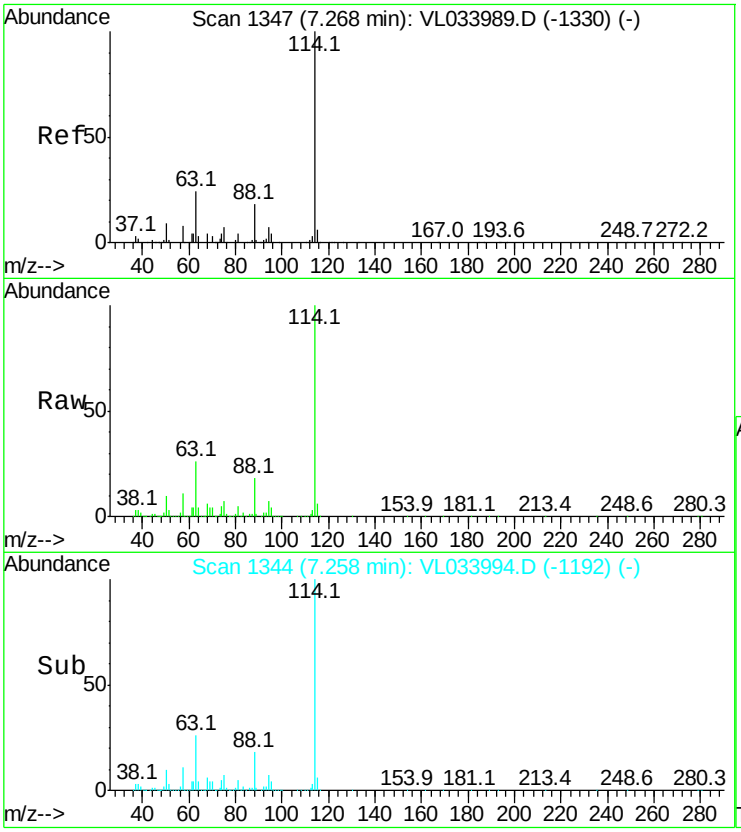


#29
Chloroform
Concen: 0.038 ppbv
RT: 5.81 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Tgt Ion: 83 Resp: 6282

Ion	Ratio	Lower	Upper
83	100		
85	19.5	50.6	75.8#



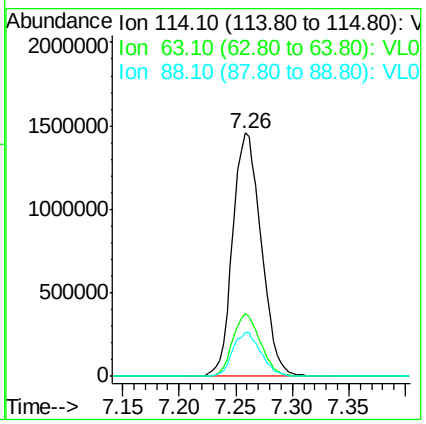


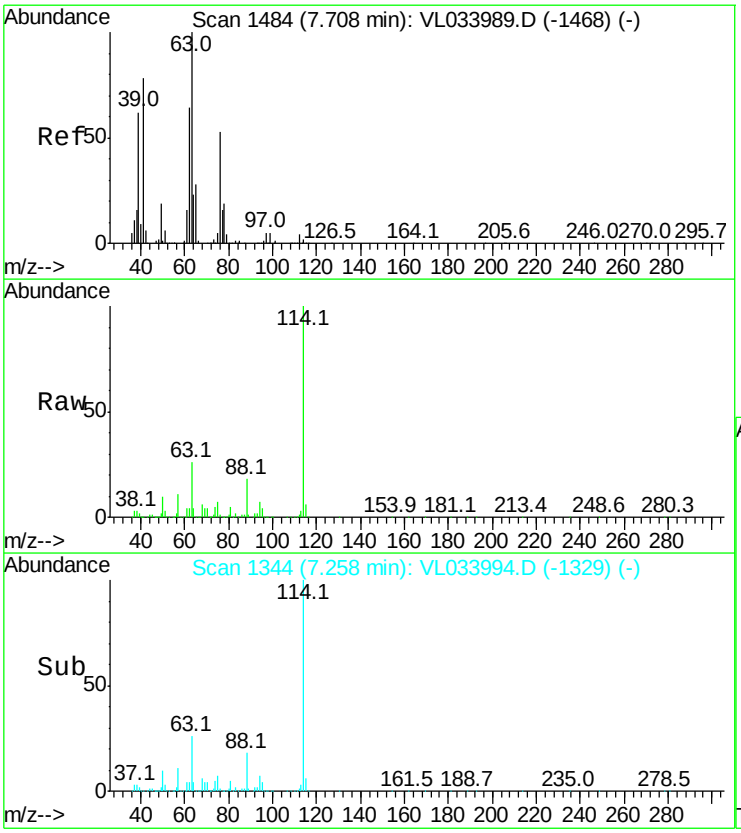
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:114 Resp: 2562560

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.2	30.2
88	17.8	14.1	21.1

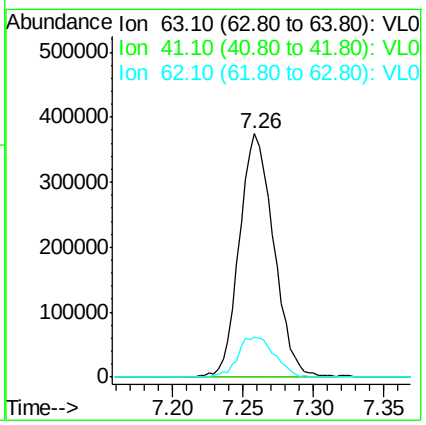


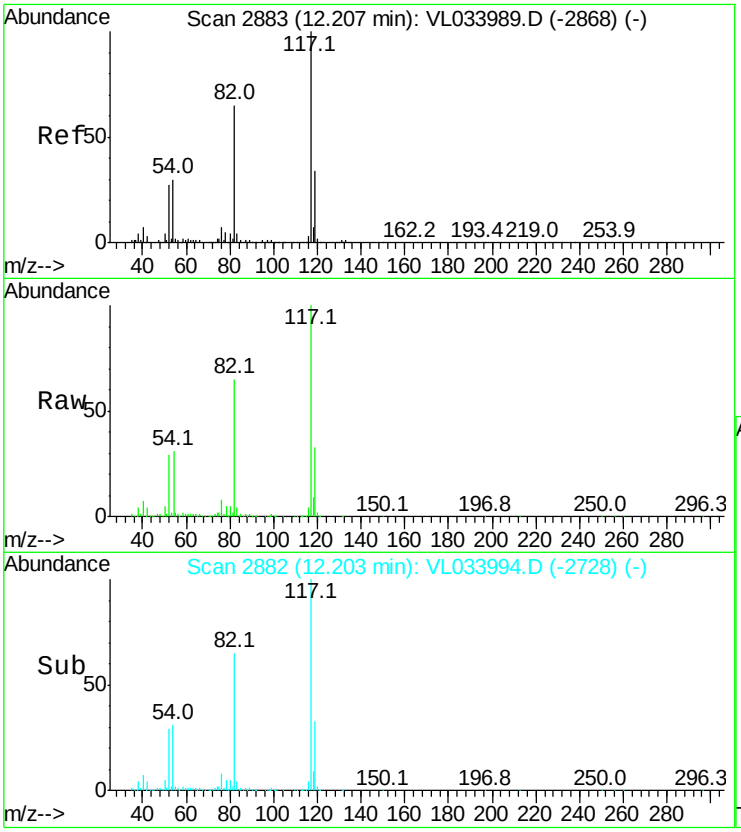


#39
1,2-Dichloropropane
Concen: 8.474 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.45 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Tgt Ion: 63 Resp: 640219

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.3	93.5#
62	16.2	51.4	77.2#



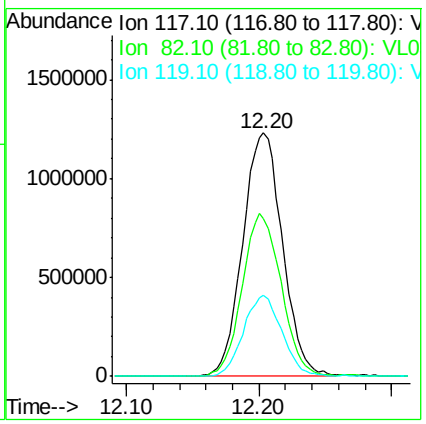


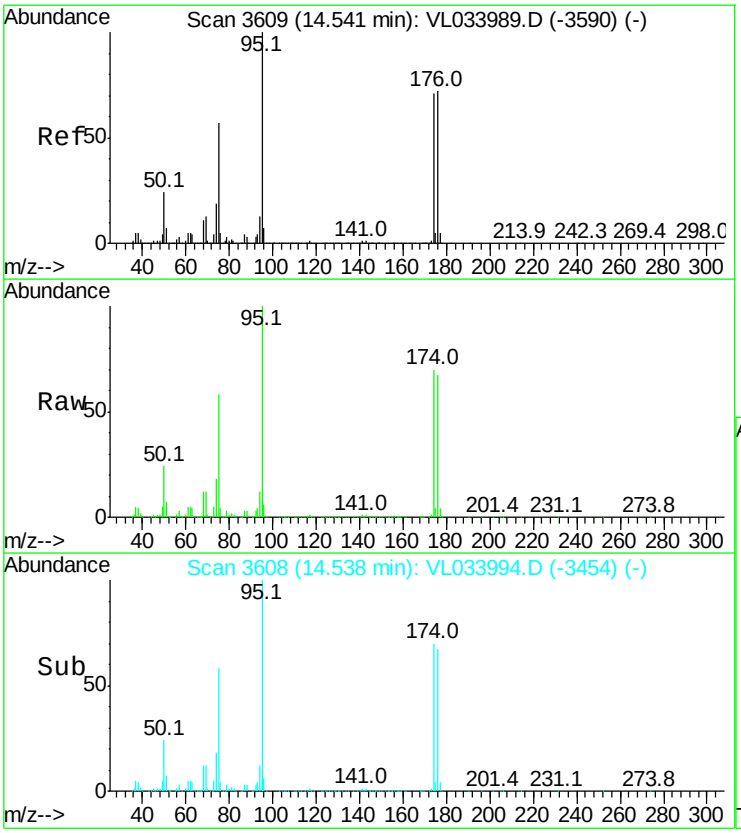
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.20 min Scan# 2882
Delta R.T. -0.00 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:117 Resp: 2562367

Ion	Ratio	Lower	Upper
117	100		
82	66.2	50.8	76.2
119	32.5	24.0	36.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.663 ppbv
RT: 14.54 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VL033994.D
Acq: 2 Jul 2019 16:49

Tgt Ion: 95 Resp: 2033729

Ion	Ratio	Lower	Upper
95	100		
174	72.9	60.5	90.7
175	5.0	4.0	6.0