Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032971.D
Acq On : 12 Dec 2018 1:54
Operator : SY/AP
Sample : J6338-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 12 02:32:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1133580	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2941506	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2898292	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2063948	9.64	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	9458	0.062	ppbv	99
4) Chloromethane	3.17	50	3191	0.064	ppbv #	70
9) Propene	3.40	41	2516	0.074	ppbv	85
15) Acetone	3.93	43	14091	0.145	ppbv #	80
20) Methylene Chloride	4.41	84	7432	0.156	ppbv #	88
30) Cyclohexane	7.27	84	3821	0.043	ppbv #	8
39) 1,2-Dichloropropane	7.30	63	718014	8.751	ppbv #	21

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

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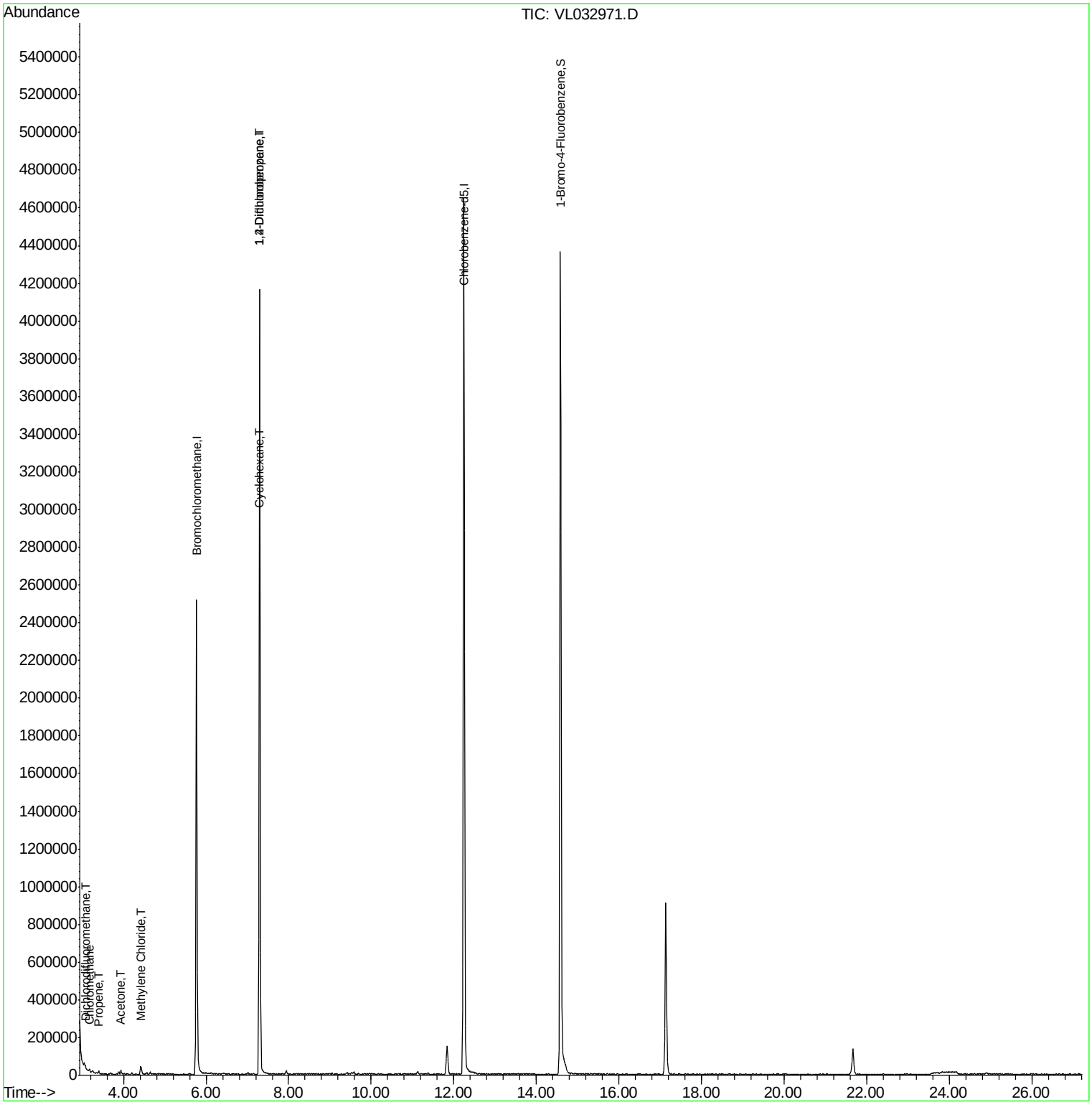
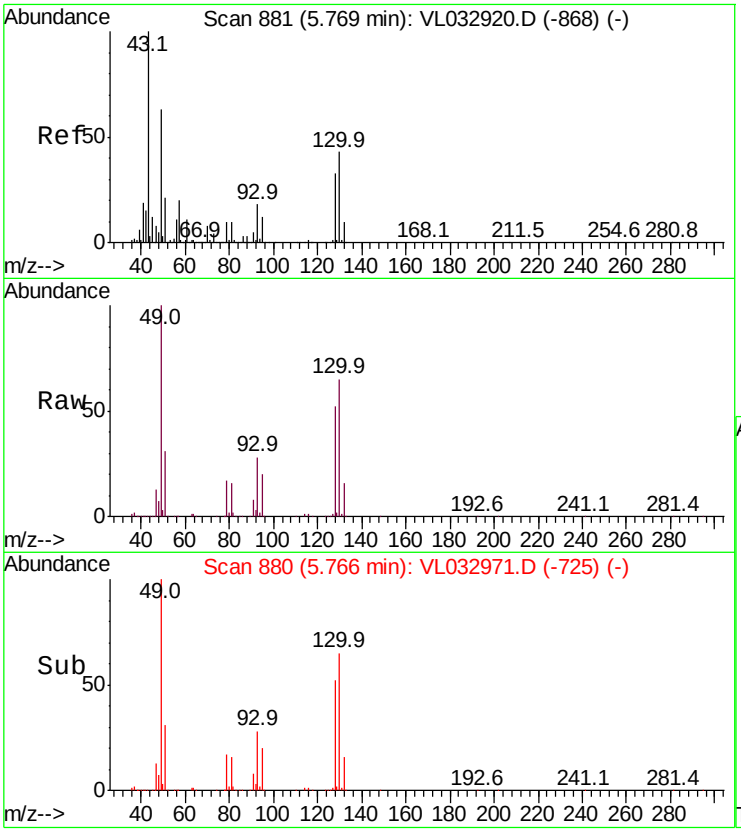


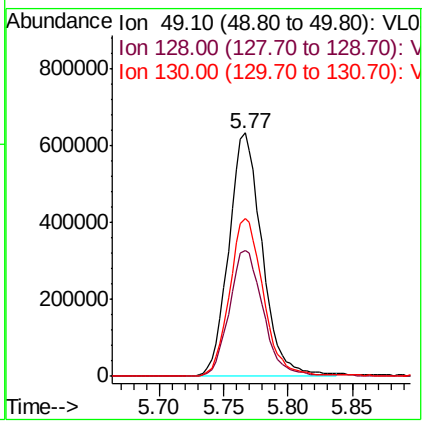


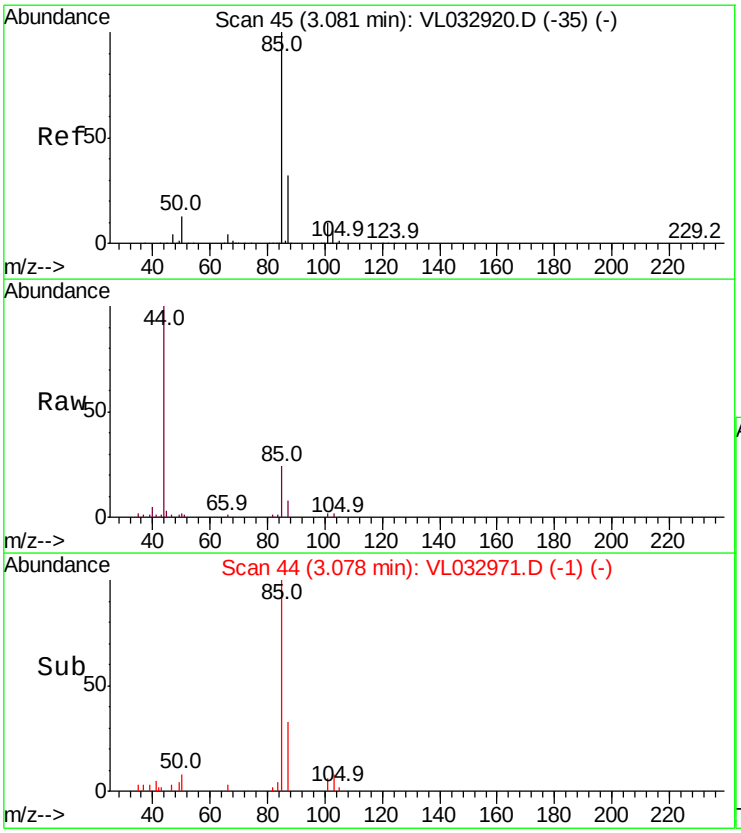
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1133580

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.3	78.8
130	66.8	33.9	101.7

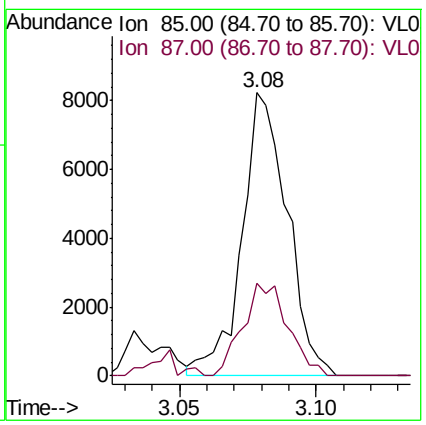


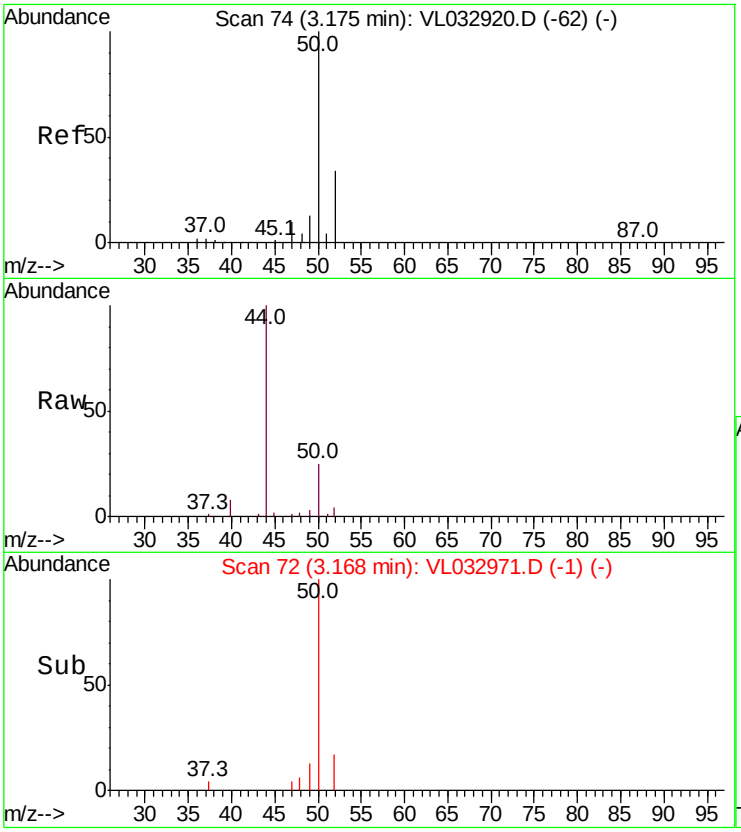


#2
Dichlorodifluoromethane
Concen: 0.062 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Tgt Ion: 85 Resp: 9458

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.7	38.5



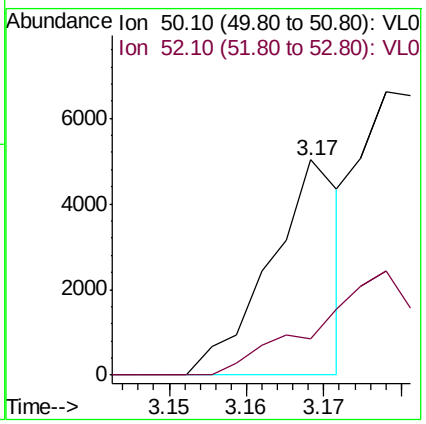


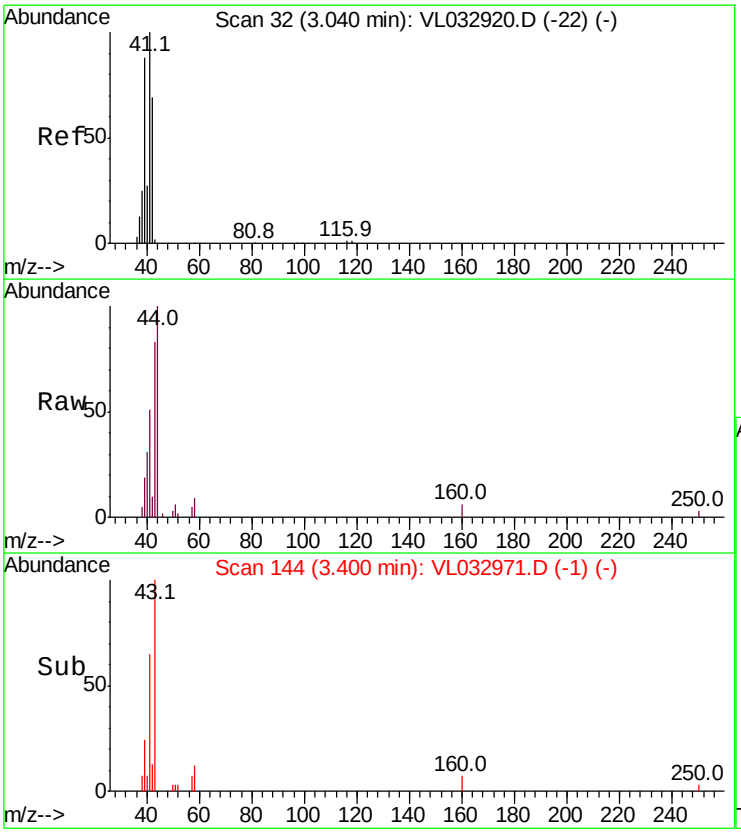
#4
Chloromethane
Concen: 0.064 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.01 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 3191

Ion	Ratio	Lower	Upper
50	100		
52	17.0	27.3	40.9#

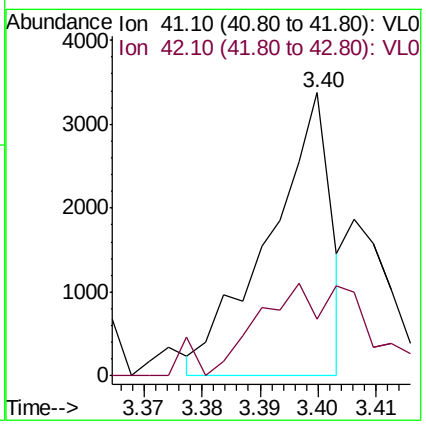


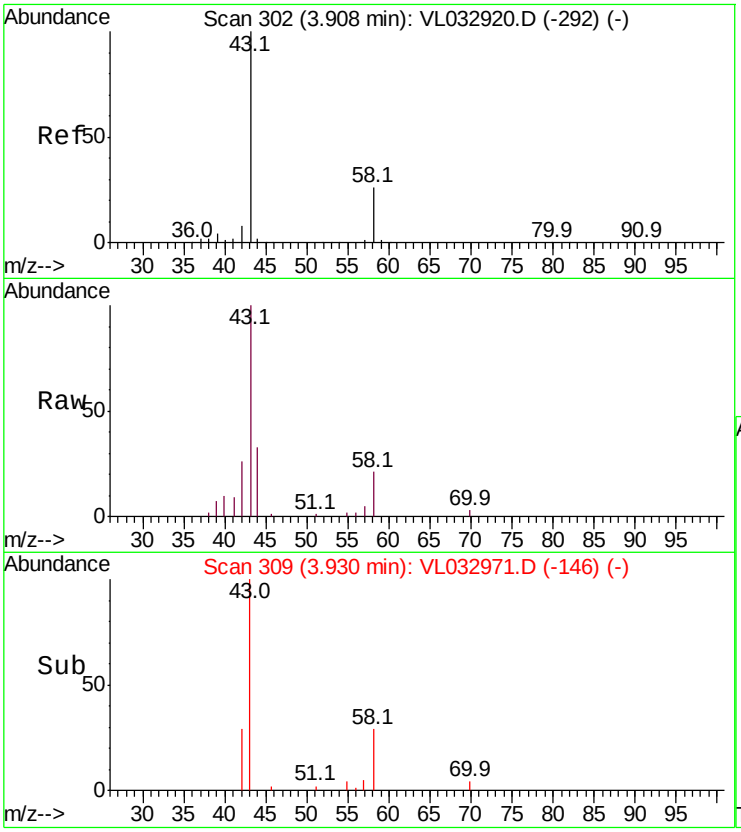


#9
Propene
Concen: 0.074 ppbv
RT: 3.40 min Scan# 144
Delta R.T. 0.36 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Tgt Ion: 41 Resp: 2516

Ion	Ratio	Lower	Upper
41	100		
42	58.1	56.2	84.2



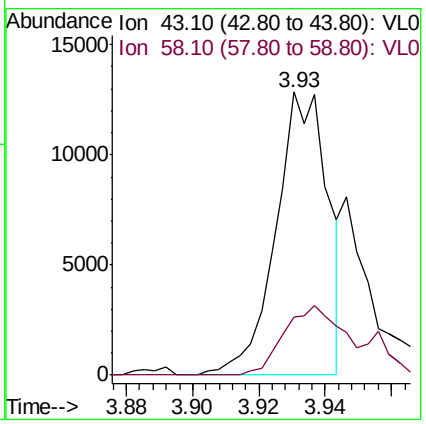


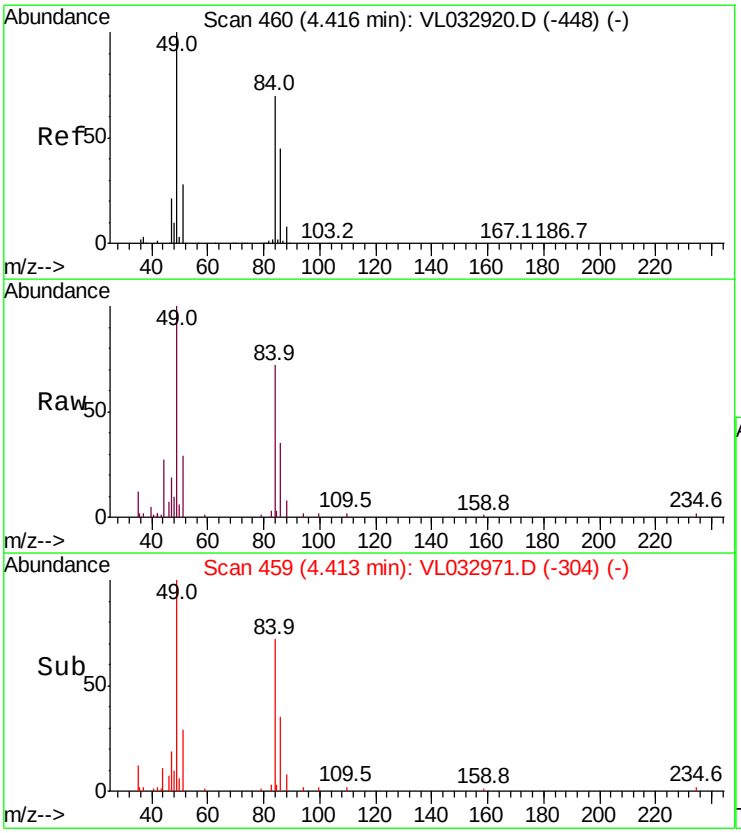
#15
Acetone
Concen: 0.145 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.02 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 14091

Ion	Ratio	Lower	Upper
43	100		
58	36.0	20.6	30.8#

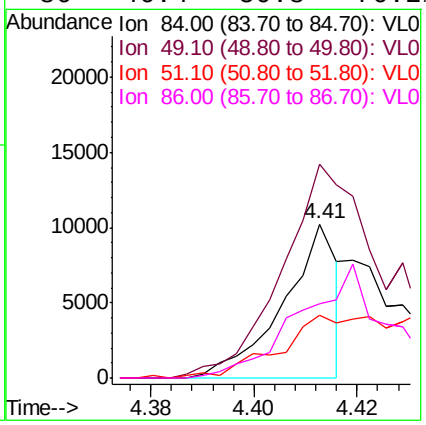


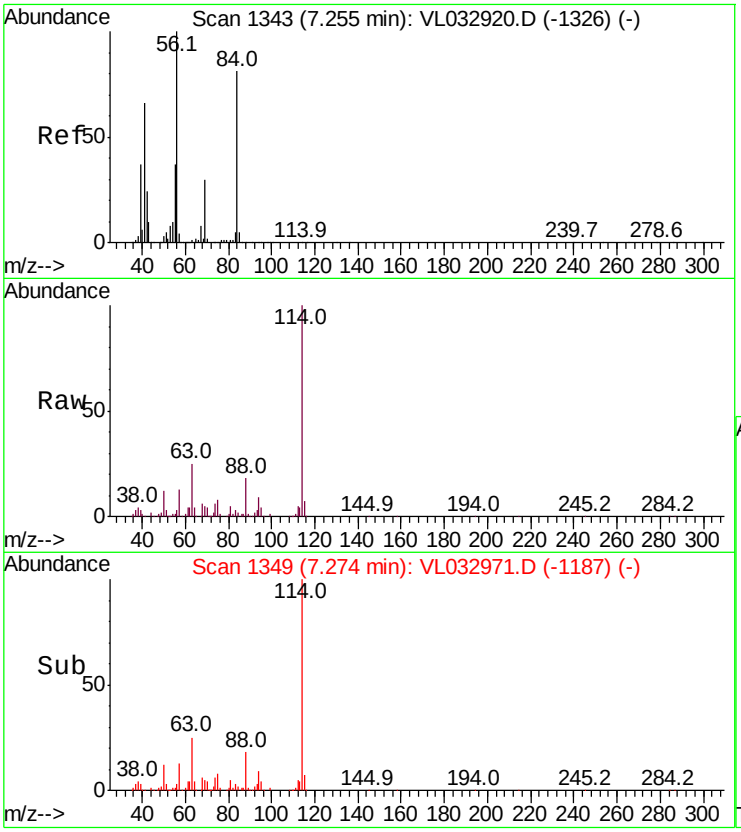


#20
Methylene Chloride
Concen: 0.156 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Tgt Ion: 84 Resp: 7432

Ion	Ratio	Lower	Upper
84	100		
49	130.0	113.8	170.8
51	36.9	31.8	47.8
86	46.4	50.8	76.2#



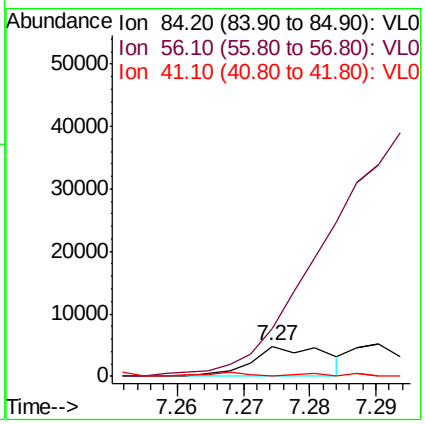


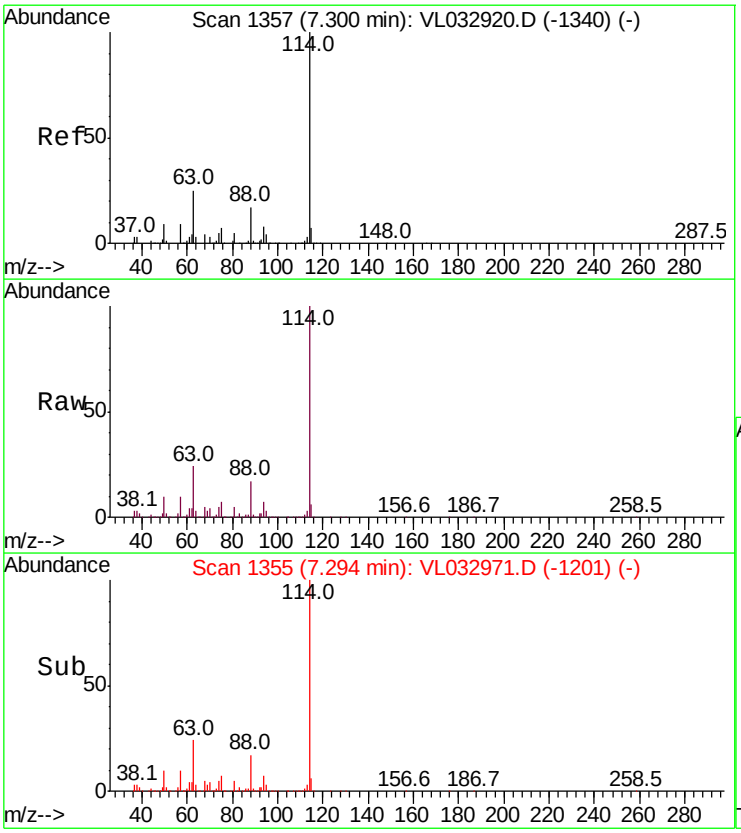
#30
Cyclohexane
Concen: 0.043 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.02 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 3821

Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.5	153.7#
41	25.4	64.1	96.1#

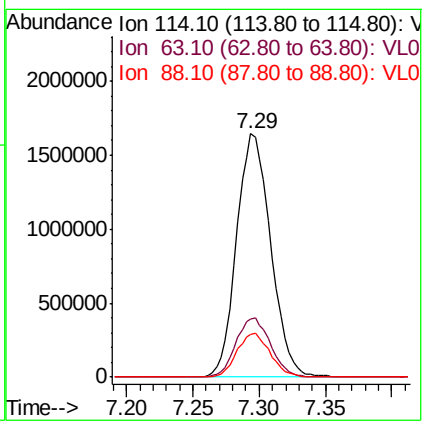


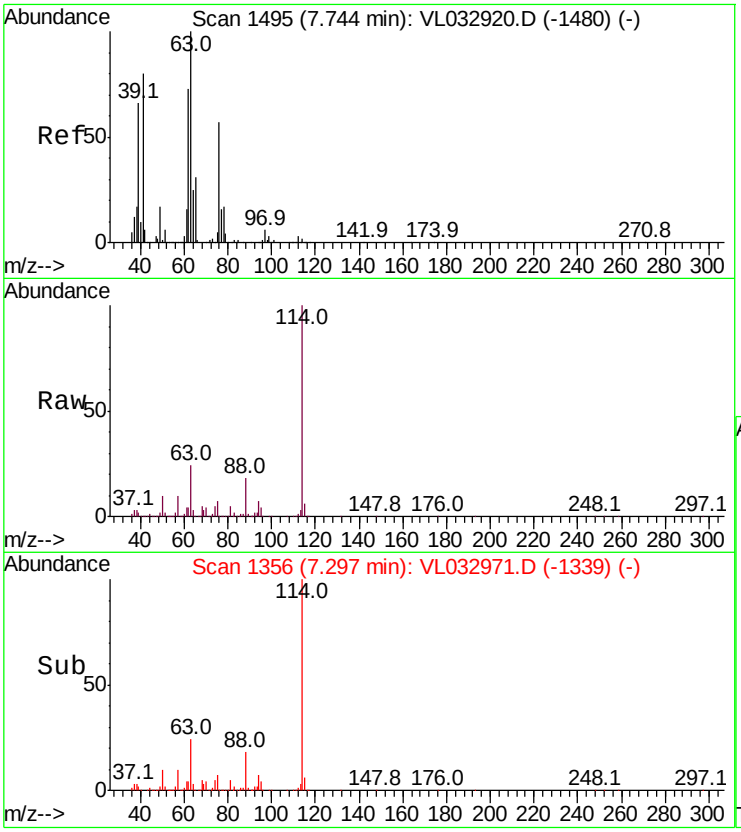


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Tgt Ion:114 Resp: 2941506

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.1	30.1
88	17.7	14.2	21.4



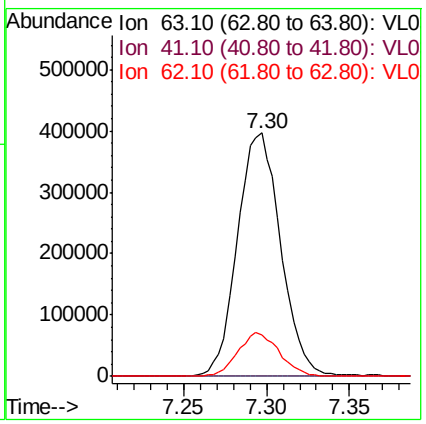


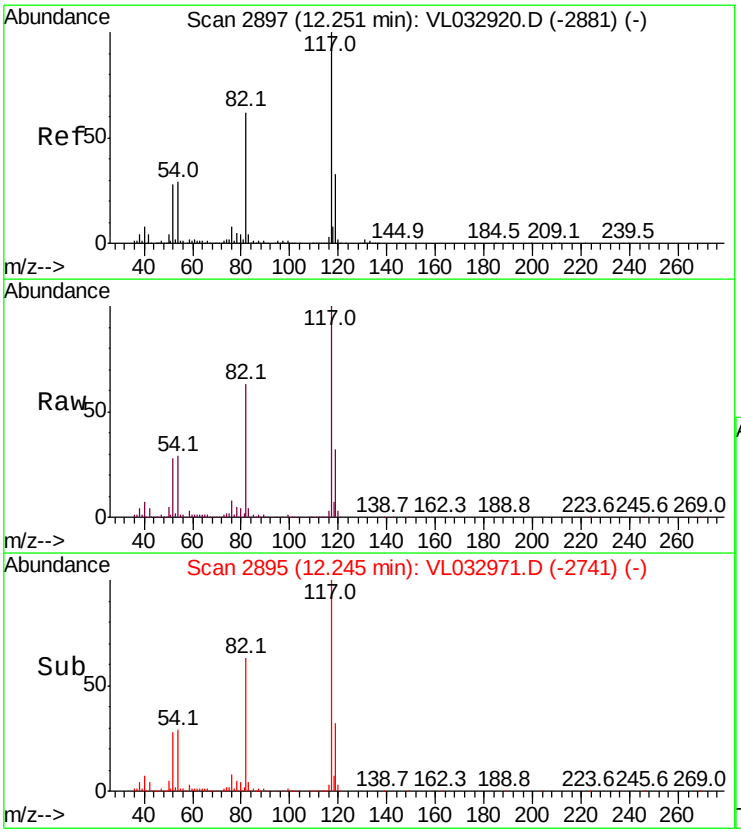
#39
1,2-Dichloropropane
Concen: 8.751 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 718014

Ion	Ratio	Lower	Upper
63	100		
41	0.1	63.9	95.9#
62	17.2	58.8	88.2#

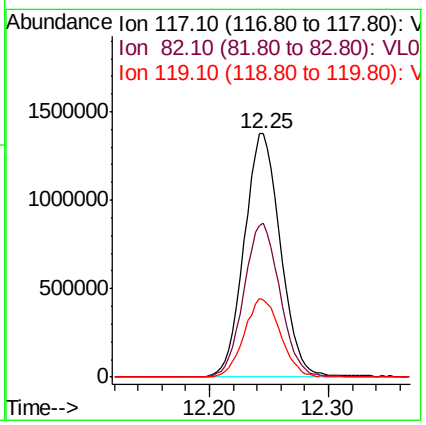


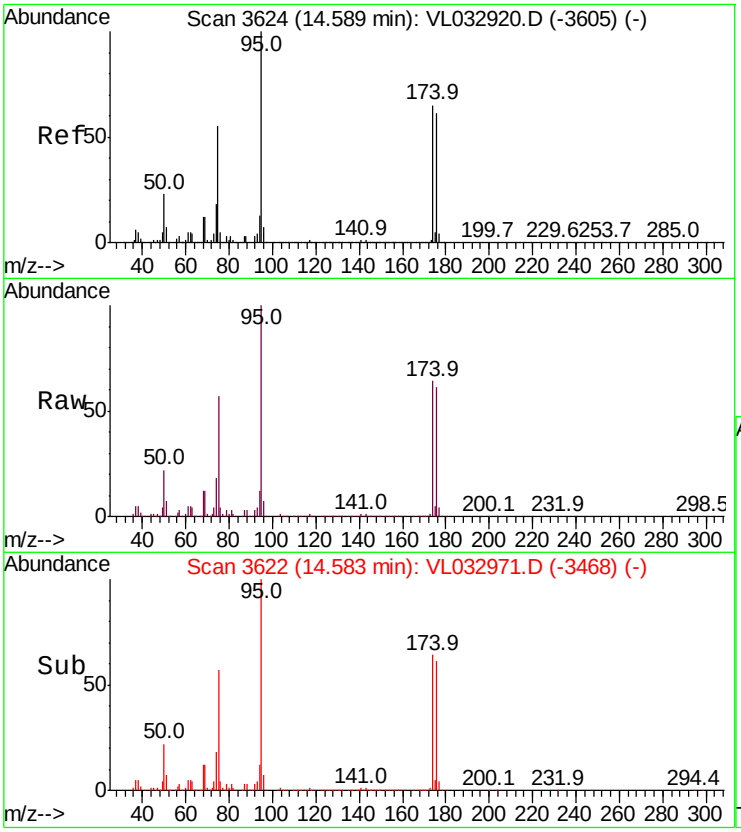


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Tgt Ion:117 Resp: 2898292

Ion	Ratio	Lower	Upper
117	100		
82	64.0	47.8	71.8
119	32.7	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.639 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032971.D
Acq: 12 Dec 2018 1:54

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2063948

Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.4	77.0
175	4.8	3.8	5.6