Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050619\
Data File : VL033669.D
Acq On : 6 May 2019 21:46
Operator : SY/AP
Sample : QC042519 CAN 10319
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 07 04:11:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	851086	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1950288	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2057115	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1716070	10.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
9) Propene	3.04	41	998	0.021	ppbv #	15
13) Ethanol	3.66	45	1663	0.118	ppbv #	38
15) Acetone	3.91	43	20934	0.165	ppbv	98
20) Methylene Chloride	4.41	84	13267	0.276	ppbv #	85
25) Ethyl Acetate	5.77	43	4626	0.022	ppbv #	75
26) Hexane	5.77	57	6349	0.072	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	522610	8.018	ppbv #	23

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

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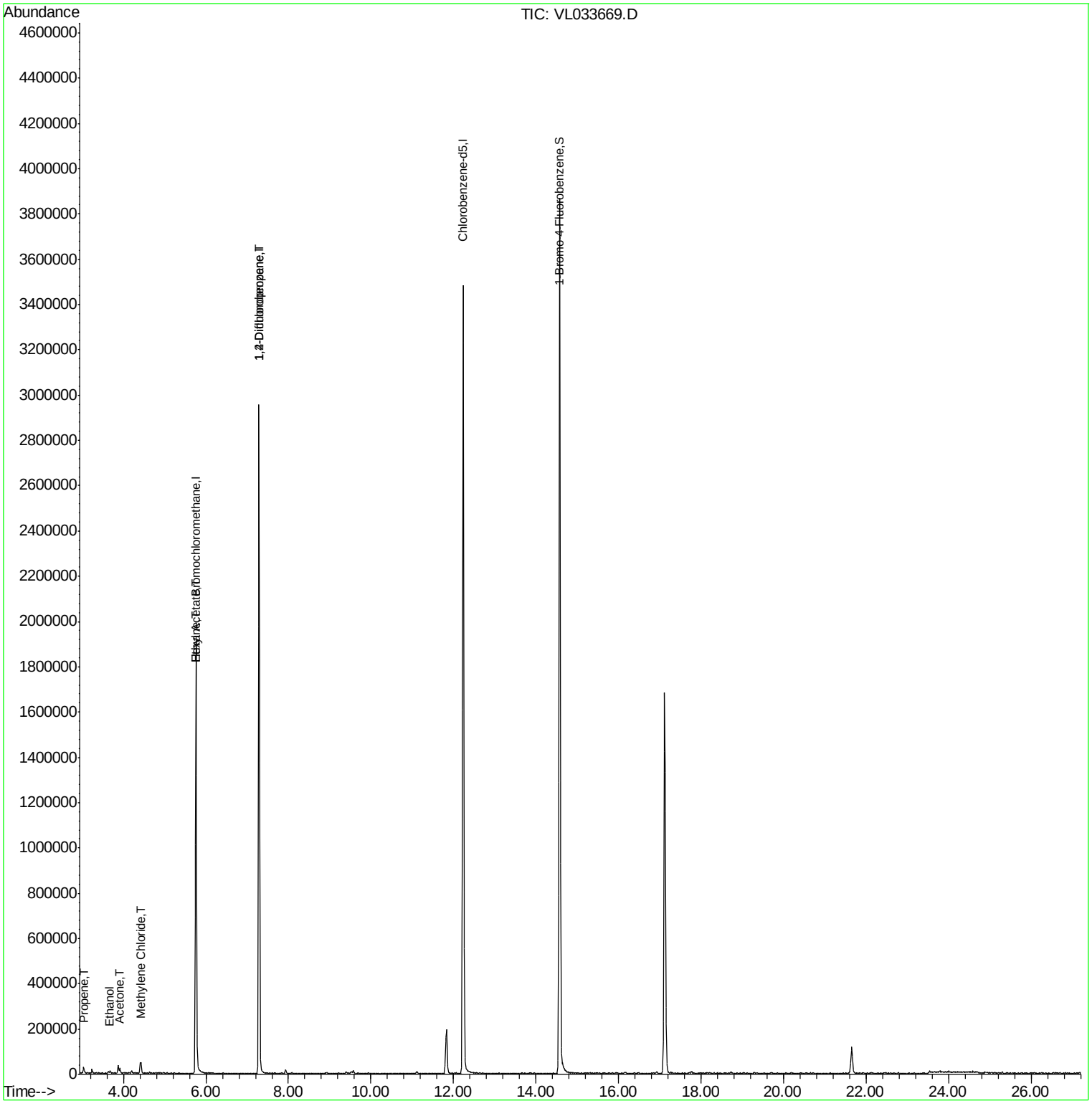
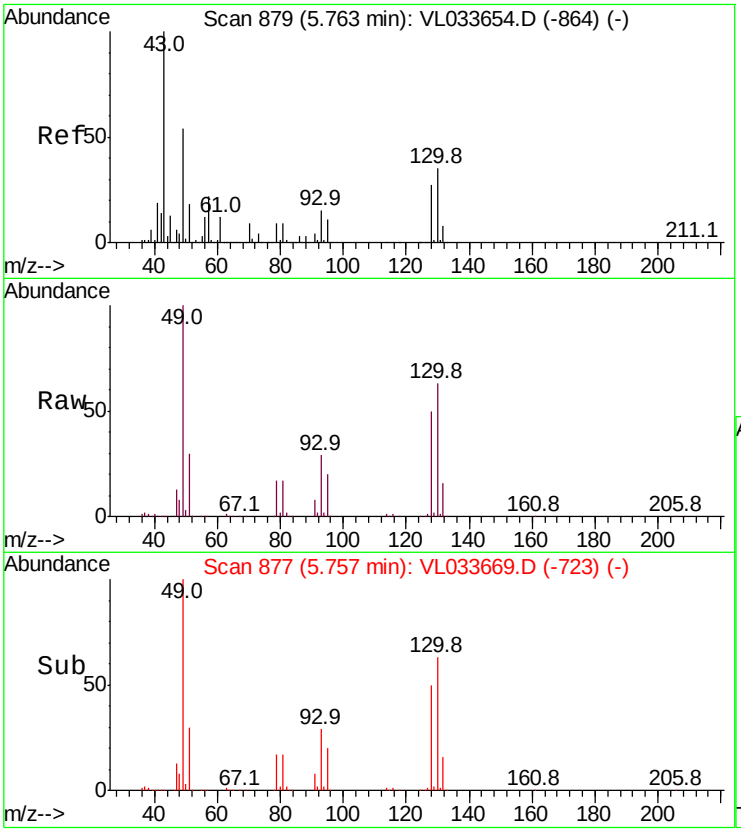


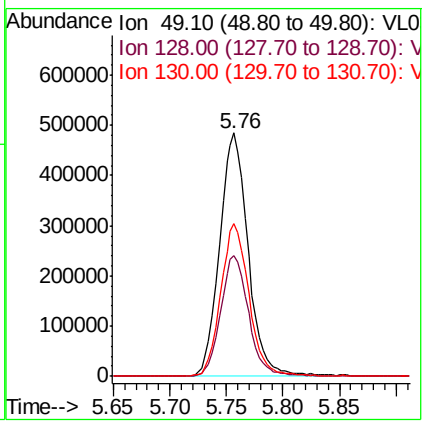


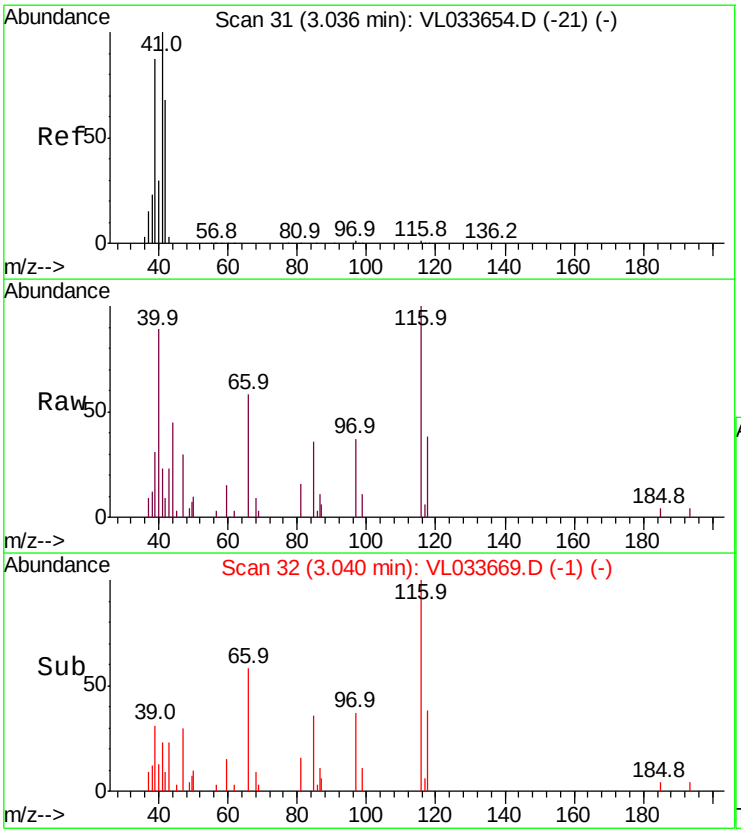
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 851086

Ion	Ratio	Lower	Upper
49	100		
128	48.7	24.8	74.3
130	62.7	32.1	96.5

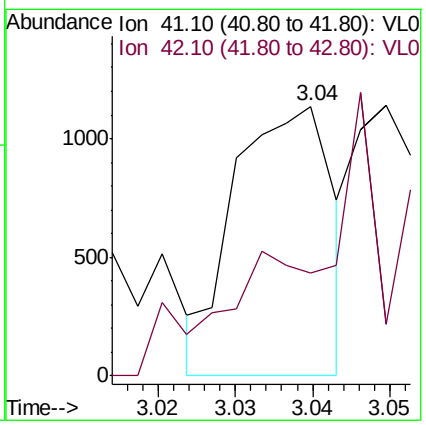


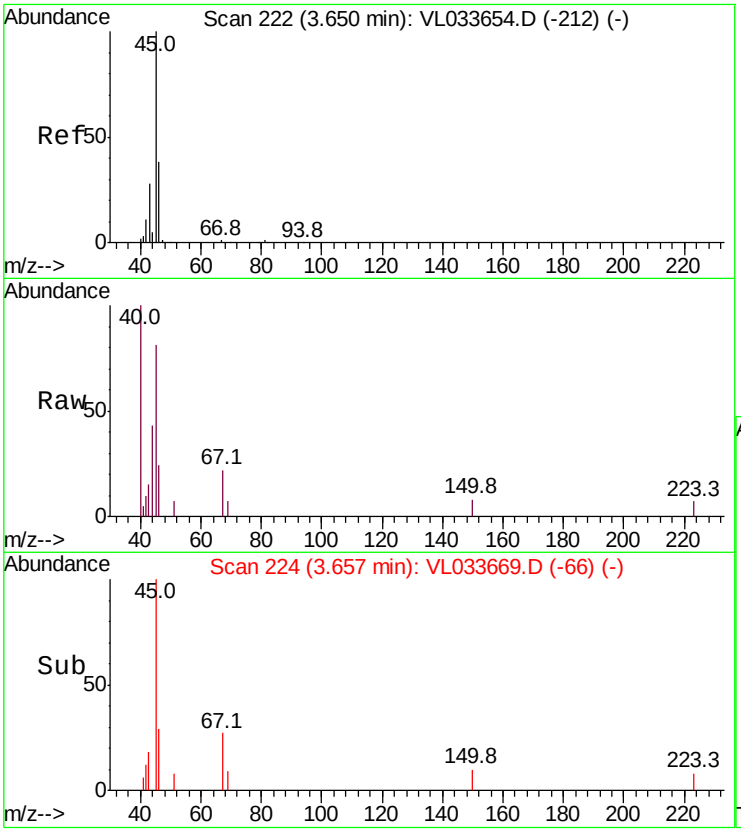


#9
Propene
Concen: 0.021 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion: 41 Resp: 998

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.6	83.4#



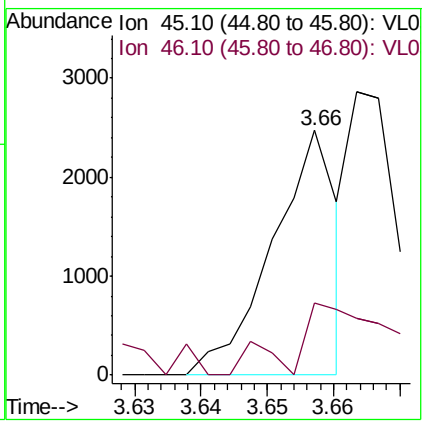


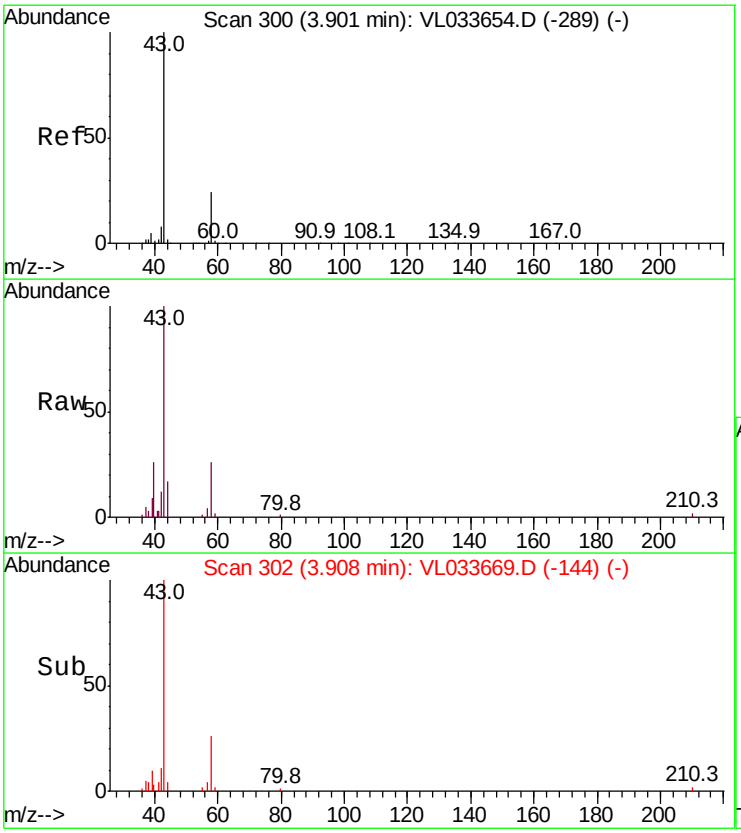
#13
Ethanol
Concen: 0.118 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1663

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

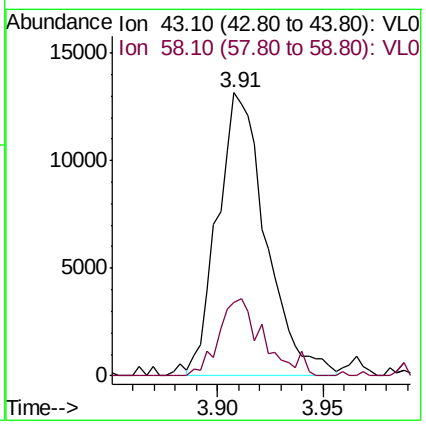


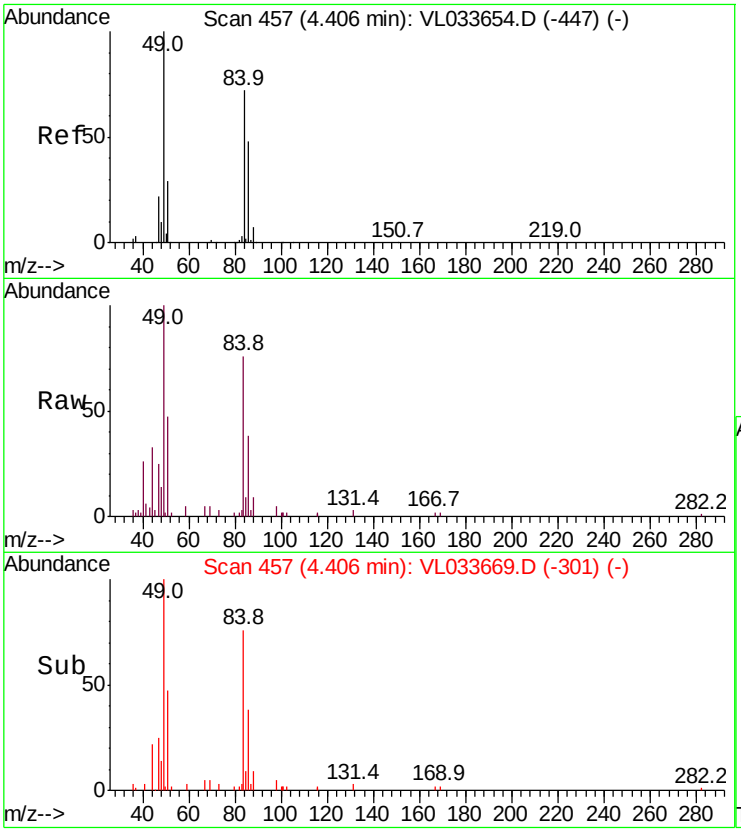


#15
Acetone
Concen: 0.165 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion: 43 Resp: 20934

Ion	Ratio	Lower	Upper
43	100		
58	25.1	20.9	31.3



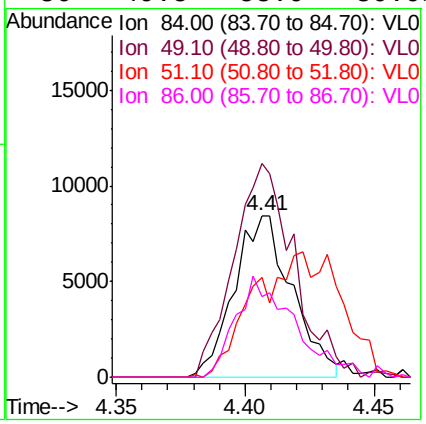


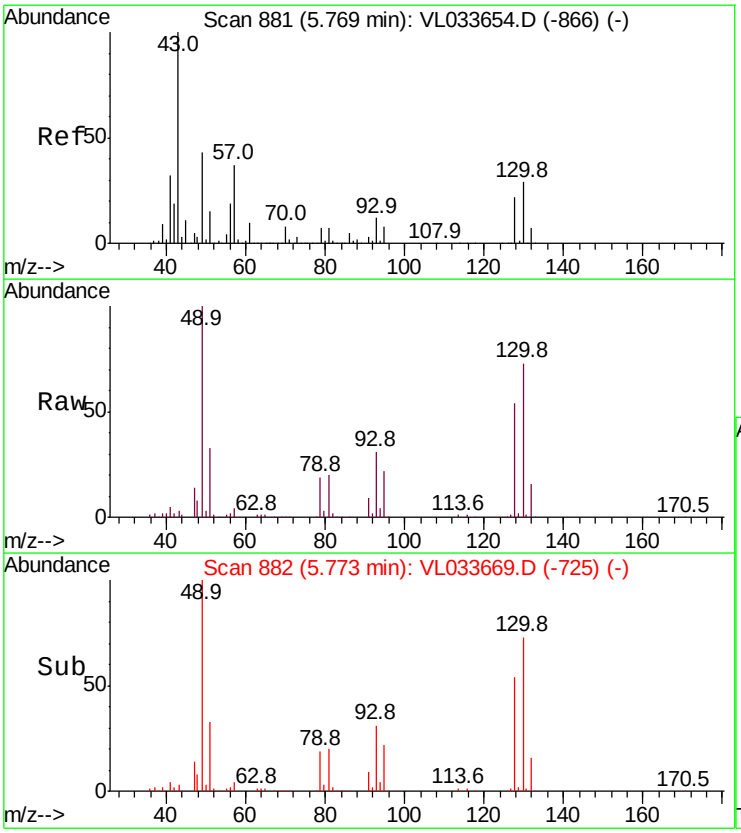
#20
Methylene Chloride
Concen: 0.276 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 13267

Ion	Ratio	Lower	Upper
84	100		
49	131.9	111.8	167.6
51	61.5	32.3	48.5#
86	49.5	53.9	80.9#

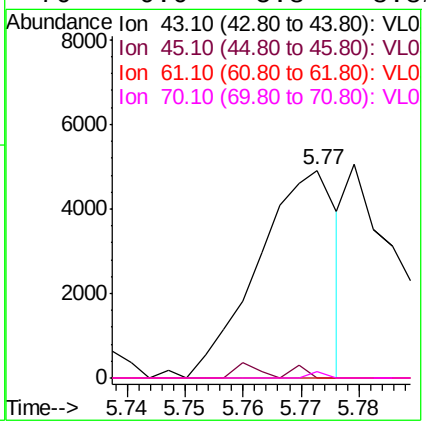


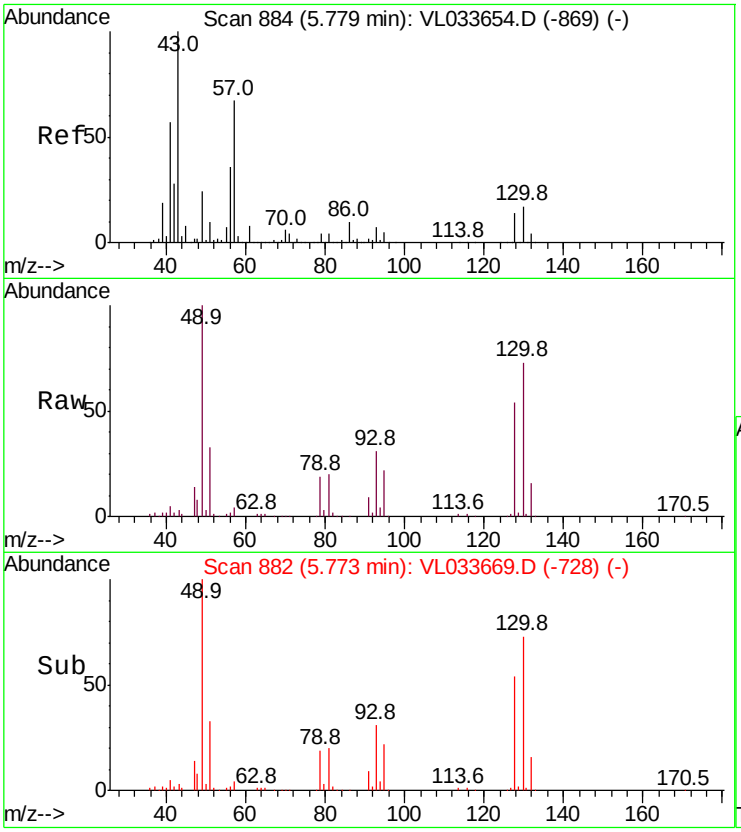


#25
Ethyl Acetate
Concen: 0.022 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion: 43 Resp: 4626

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	5.8	8.8#



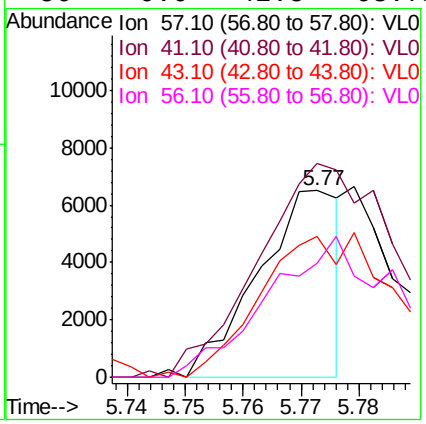


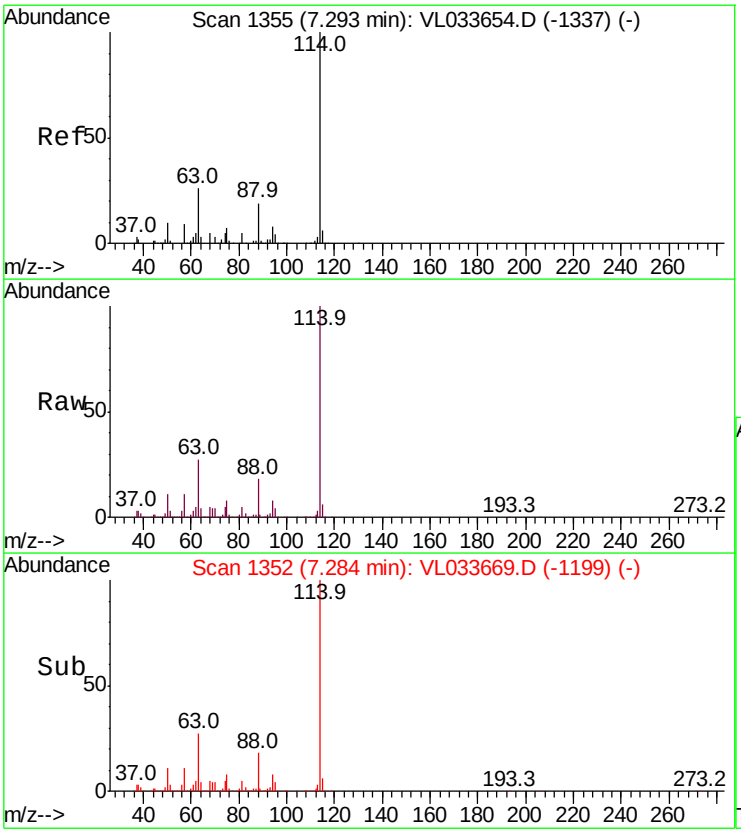
#26
Hexane
Concen: 0.072 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 6349

Ion	Ratio	Lower	Upper
57	100		
41	205.4	69.7	104.5#
43	0.0	181.9	272.9#
56	0.0	42.5	63.7#

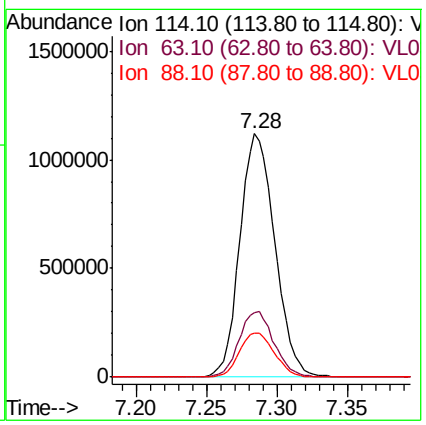


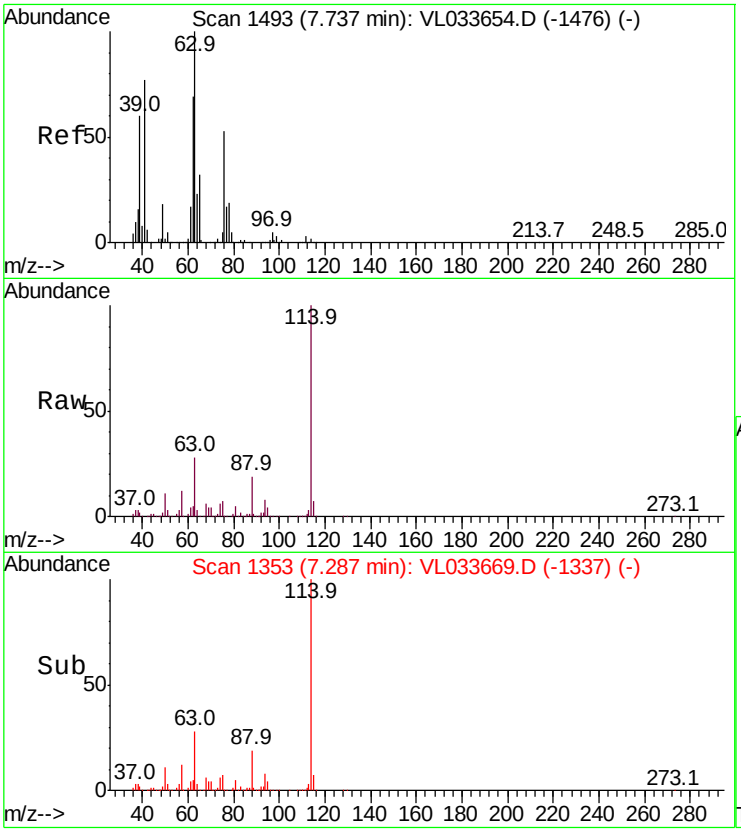


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion:114 Resp: 1950288

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.3	31.9
88	18.2	14.4	21.6



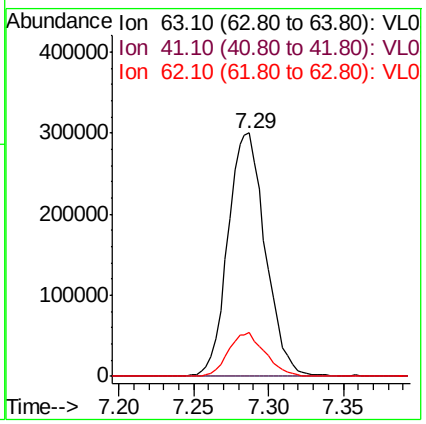


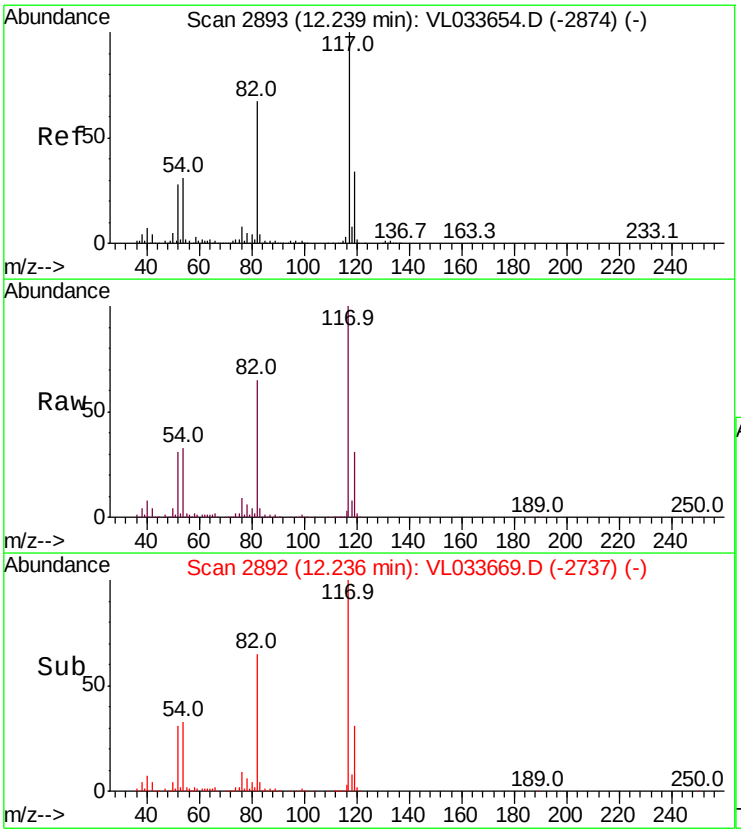
#39
1,2-Dichloropropane
Concen: 8.018 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 522610

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.6	92.4#
62	17.8	55.0	82.6#

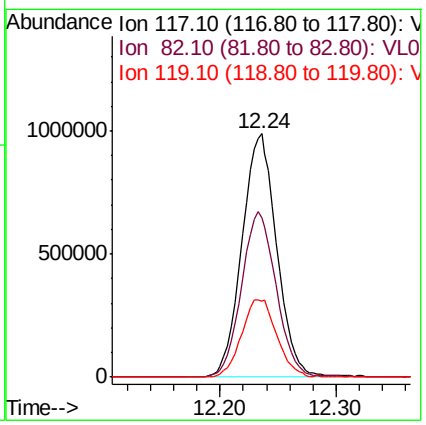


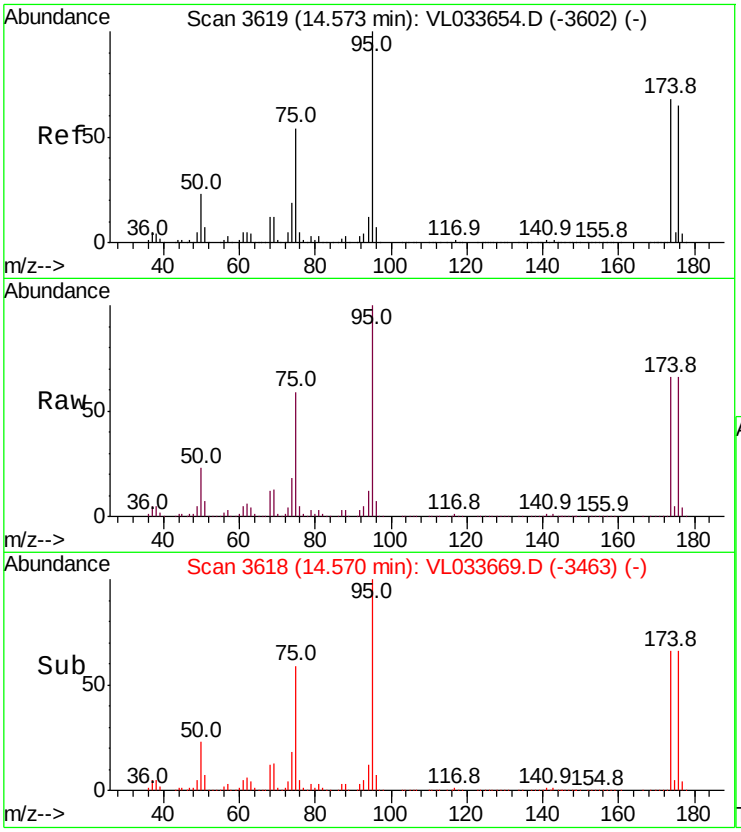


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Tgt Ion:117 Resp: 2057115

Ion	Ratio	Lower	Upper
117	100		
82	68.6	49.7	74.5
119	32.5	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL033669.D
Acq: 6 May 2019 21:46

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1716070

Ion	Ratio	Lower	Upper
95	100		
174	66.4	54.0	81.0
175	4.7	3.8	5.8