Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060719\

Quantitation Report (Not Reviewed)

Data File : VL033884.D
Acq On : 7 Jun 2019 11:29
Operator : SY/AP
Sample : QC052319 CAN 10262
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC052319 CAN 10262

Quant Time: Jun 08 04:19:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	857540	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1989558	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2028688	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1663965	9.99	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%			
Target Compounds						Qvalue
13) Ethanol	3.65	45	1516	0.123	ppbv #	35
15) Acetone	3.90	43	20192	0.161	ppbv	91
20) Methylene Chloride	4.39	84	8842	0.181	ppbv	88
26) Hexane	5.77	57	6468	0.075	ppbv #	33
30) Cyclohexane	7.26	84	6303	0.103	ppbv #	1
39) 1,2-Dichloropropane	7.27	63	537601	9.165	ppbv #	25
65) tert-Butylbenzene	17.08	119	10697	0.040	ppbv #	21
80) Naphthalene,2-methyl-	25.11	142	4832	0.055	ppbv	87

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

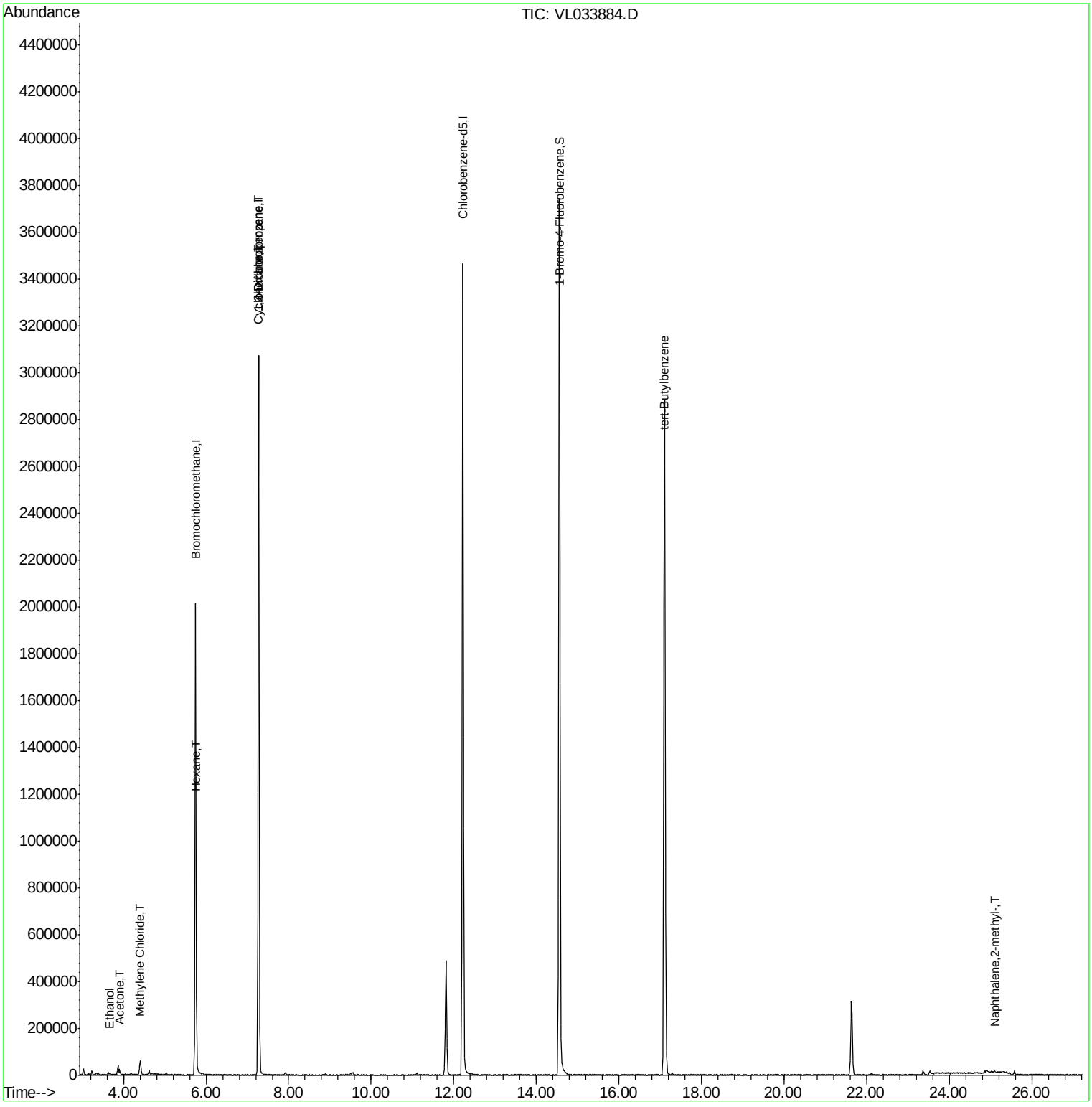
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060719\

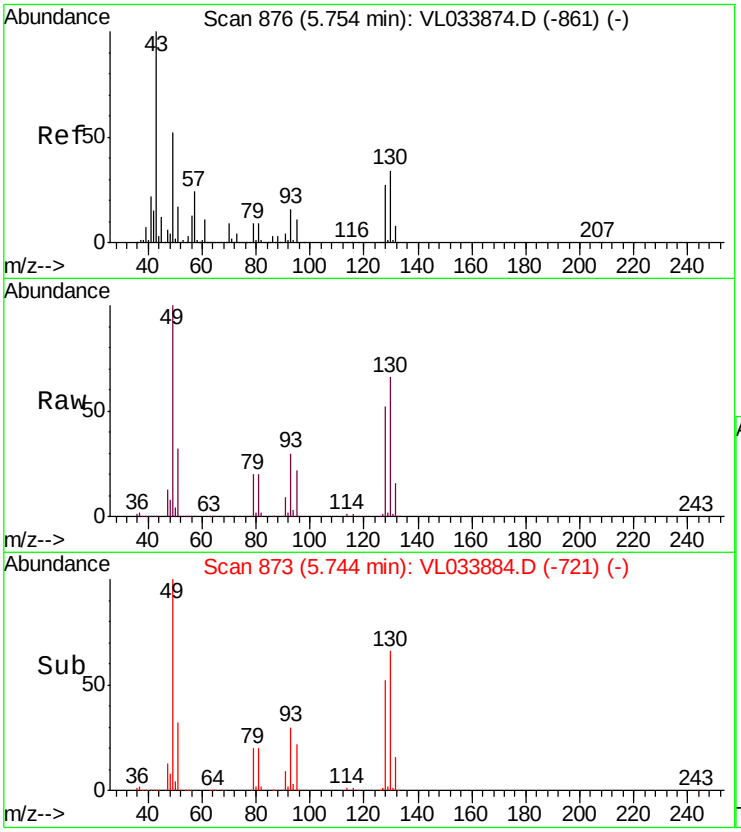
Quantitation Report (Not Reviewed)

Data File : VL033884.D
Acq On : 7 Jun 2019 11:29
Operator : SY/AP
Sample : QC052319 CAN 10262
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC052319 CAN 10262

Quant Time: Jun 08 04:19:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



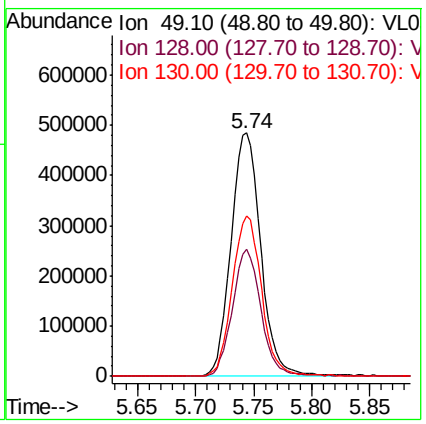


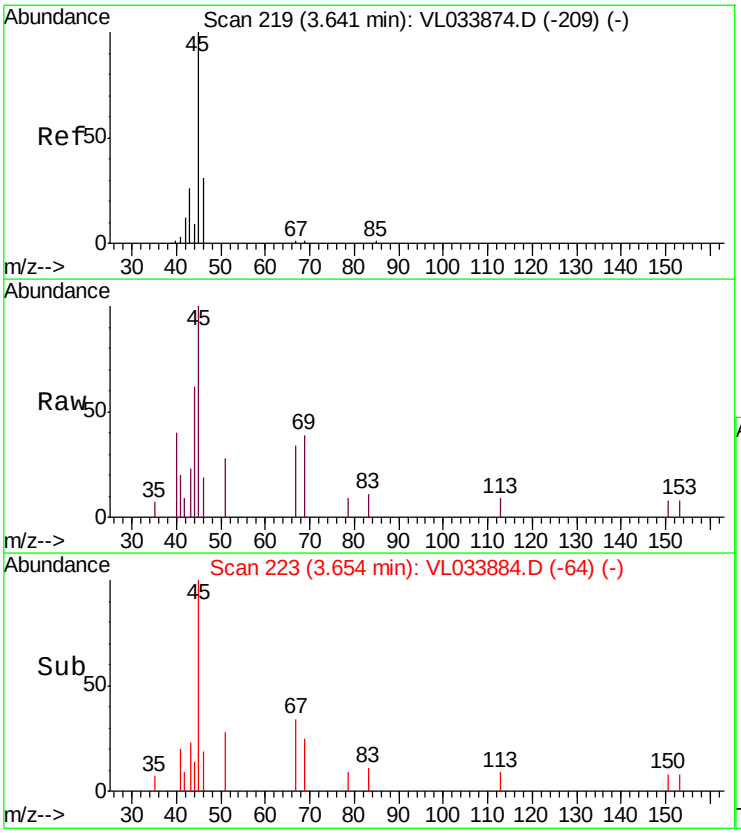
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 873
Delta R.T. -0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC052319 CAN 10262

Tgt Ion: 49 Resp: 857540

Ion	Ratio	Lower	Upper
49	100		
128	50.7	25.5	76.5
130	65.7	32.5	97.4

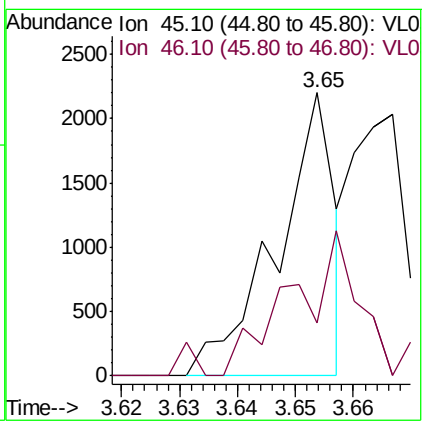


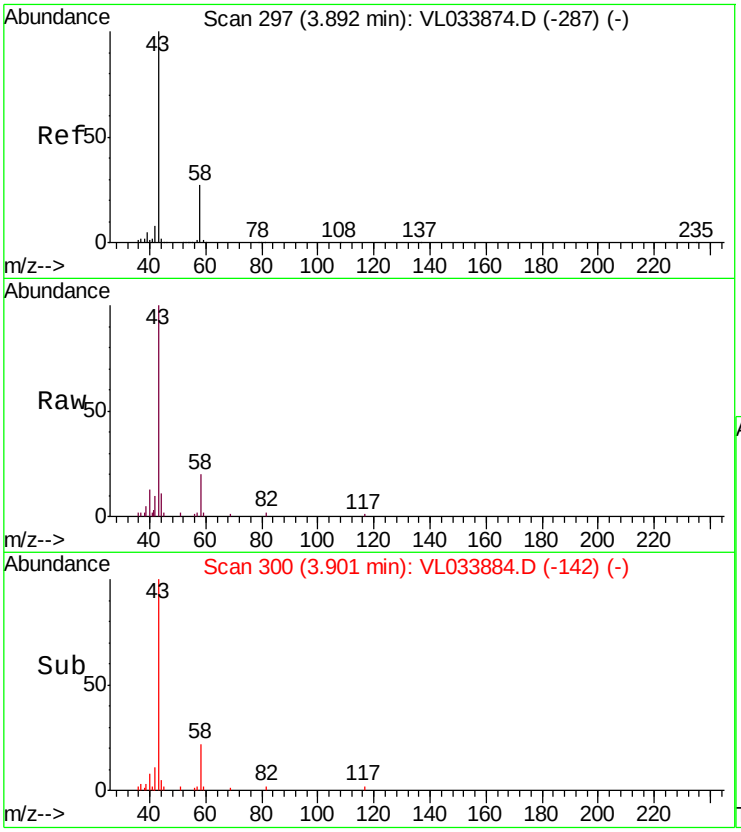


#13
Ethanol
Concen: 0.123 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion: 45 Resp: 1516

Ion	Ratio	Lower	Upper
45	100		
46	77.7	15.3	61.1#



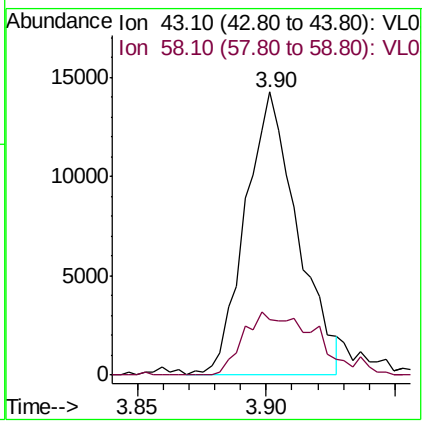


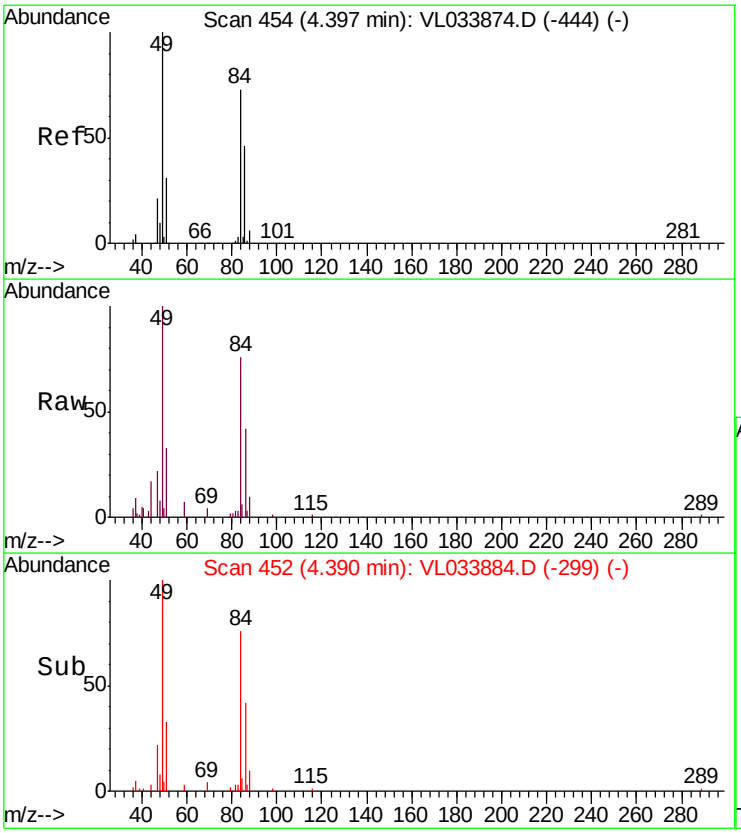
#15
Acetone
Concen: 0.161 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument : MSVOA_L
ClientSampleId : QC052319 CAN 10262

Tgt Ion: 43 Resp: 20192

Ion	Ratio	Lower	Upper
43	100		
58	31.1	21.3	31.9

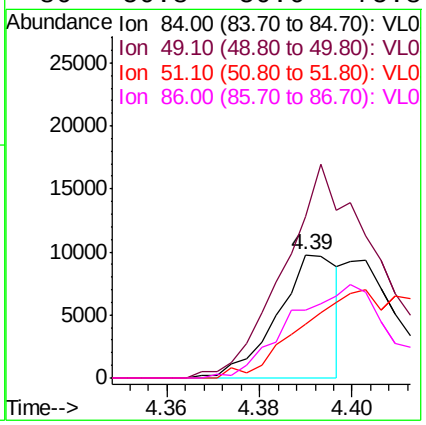


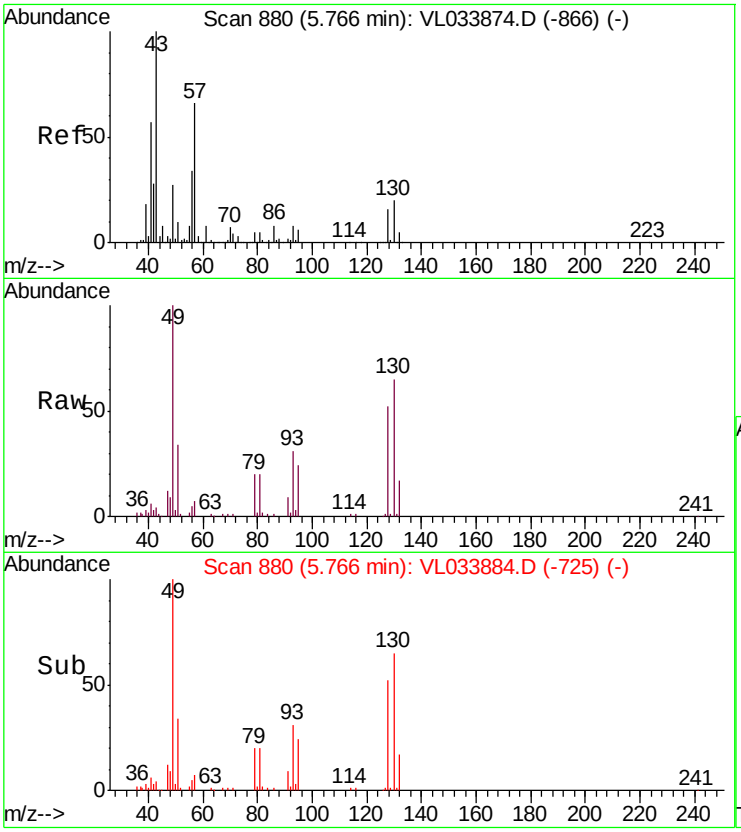


#20
Methylene Chloride
Concen: 0.181 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion: 84 Resp: 8842

Ion	Ratio	Lower	Upper
84	100		
49	121.6	110.0	165.0
51	40.6	34.6	51.8
86	50.8	50.6	75.8



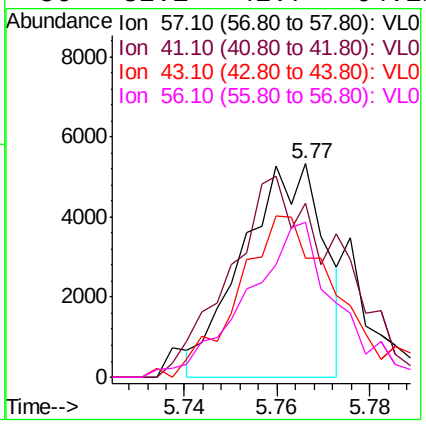


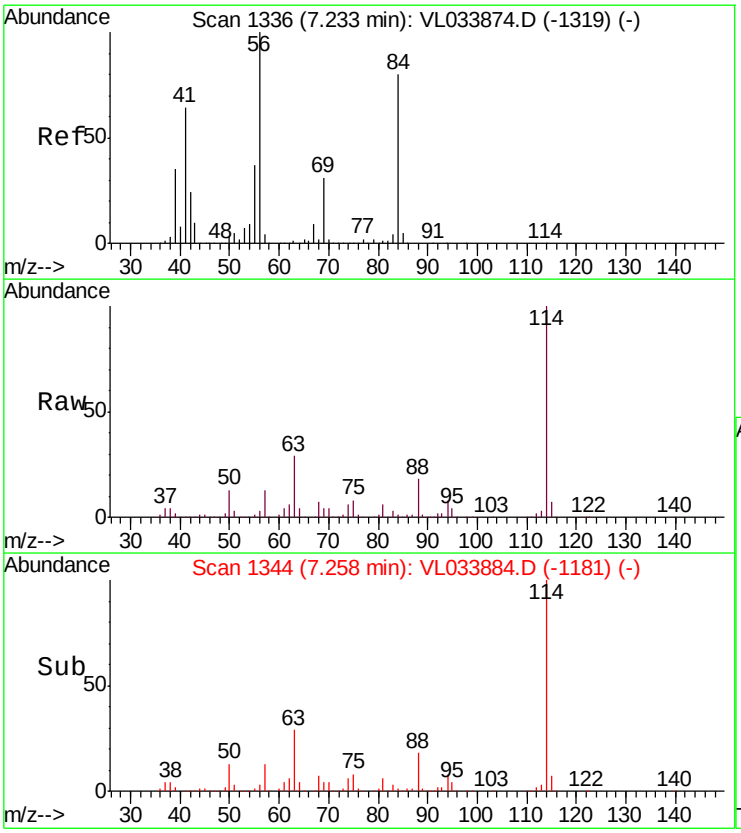
#26
Hexane
Concen: 0.075 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC052319 CAN 10262

Tgt Ion: 57 Resp: 6468

Ion	Ratio	Lower	Upper
57	100		
41	128.9	71.4	107.2#
43	93.6	183.7	275.5#
56	82.1	42.7	64.1#

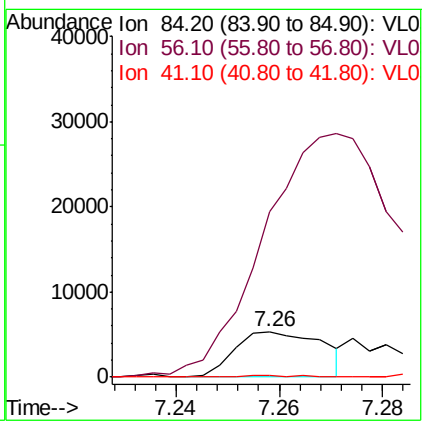


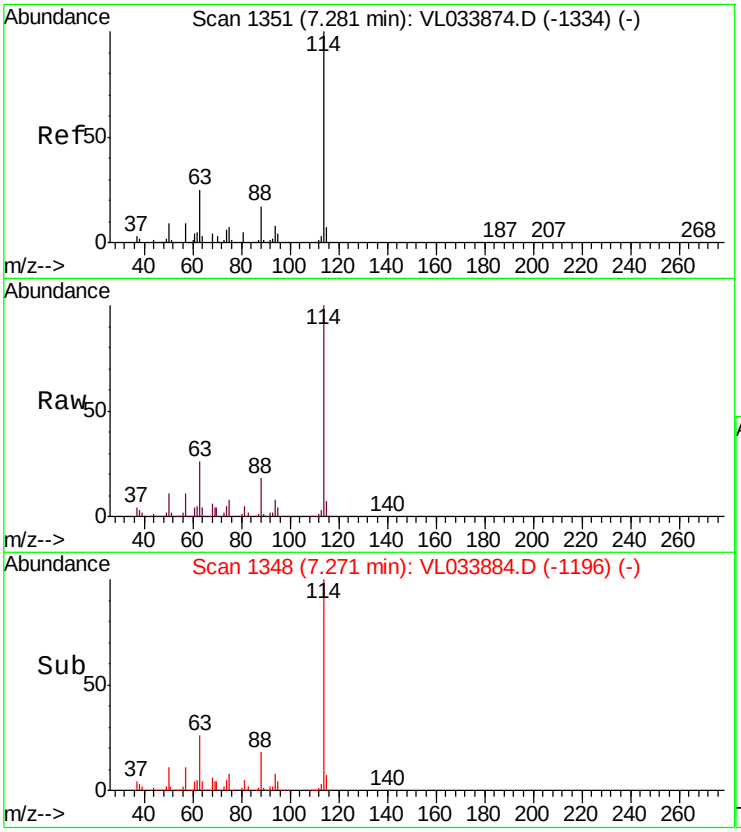


#30
Cyclohexane
Concen: 0.103 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. 0.03 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion: 84 Resp: 6303

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	0.0	65.7	98.5#



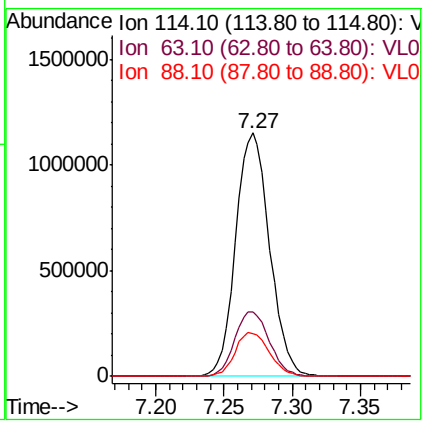


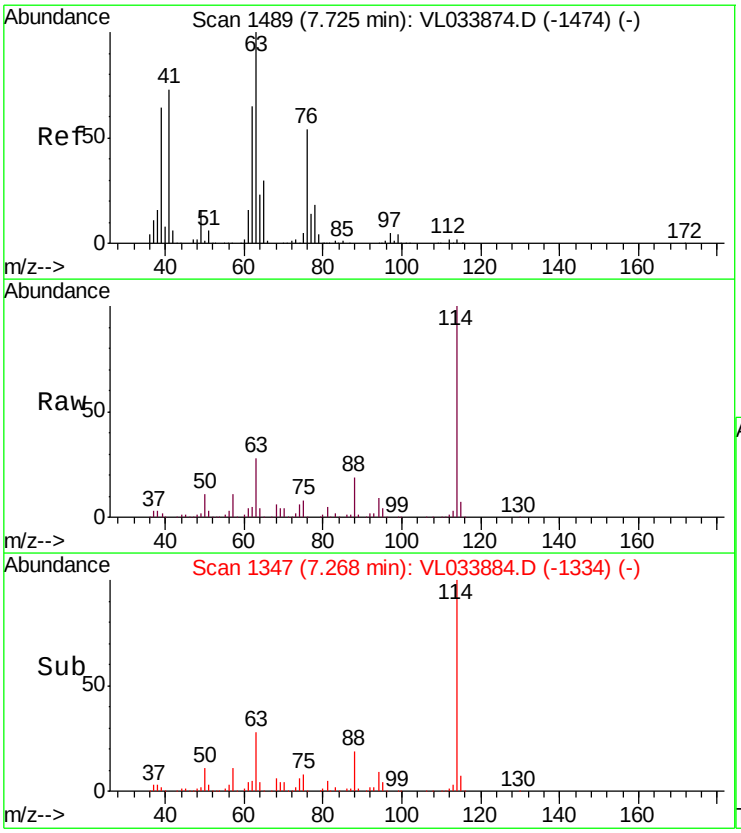
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC052319 CAN 10262

Tgt Ion:114 Resp: 1989558

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.1	31.7
88	18.2	14.2	21.4

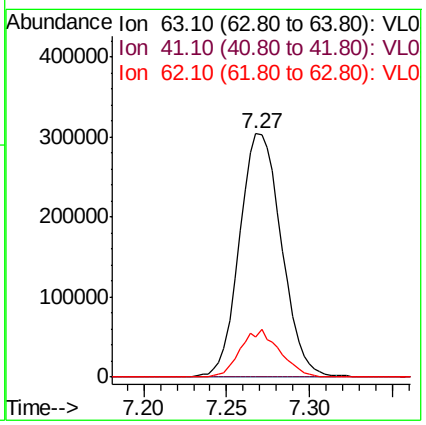


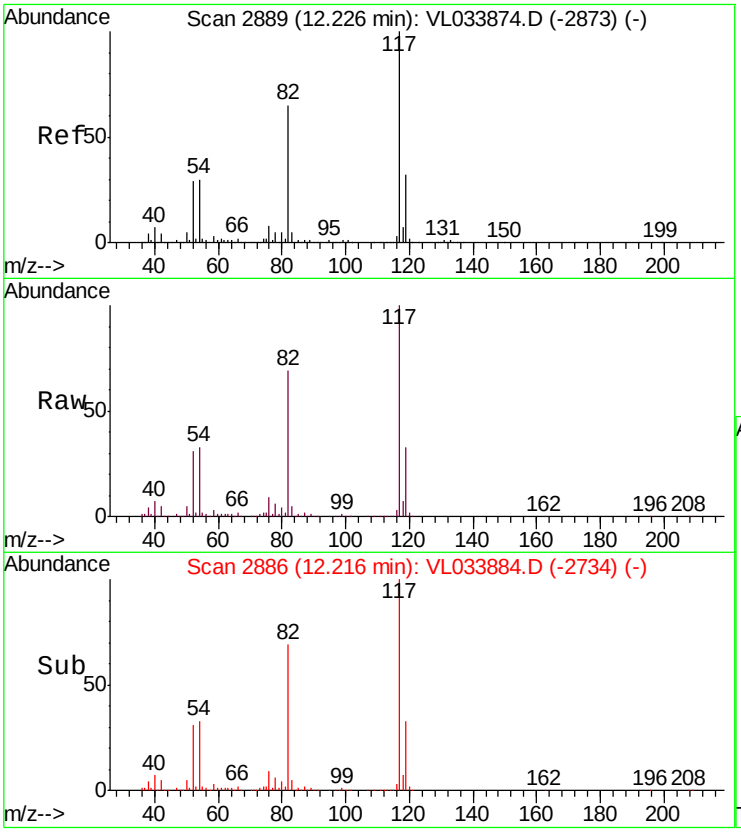


#39
1,2-Dichloropropane
Concen: 9.165 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. -0.46 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion: 63 Resp: 537601

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	16.5	51.9	77.9#



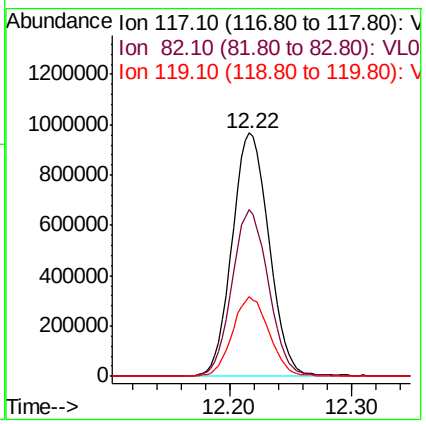


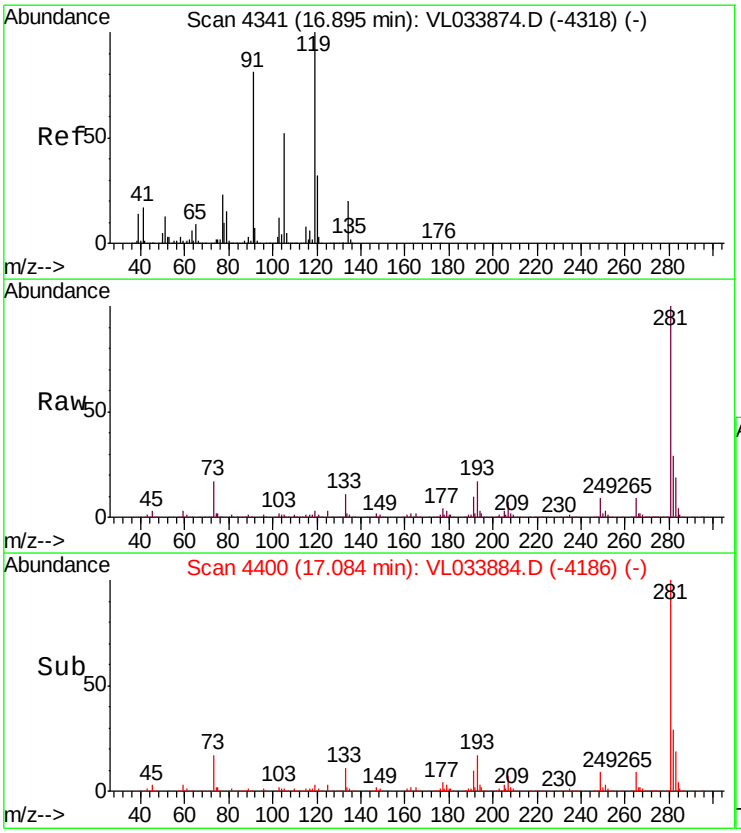
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2886
Delta R.T. -0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC052319 CAN 10262

Tgt Ion:117 Resp: 2028688

Ion	Ratio	Lower	Upper
117	100		
82	68.2	50.2	75.2
119	32.5	24.8	37.2

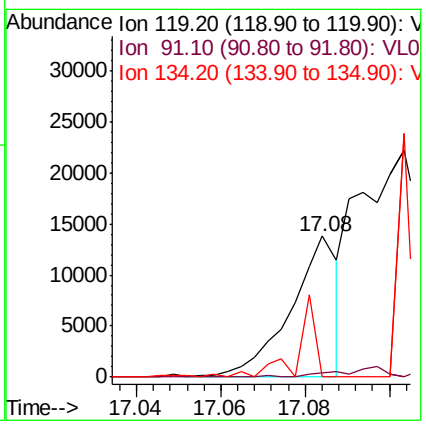


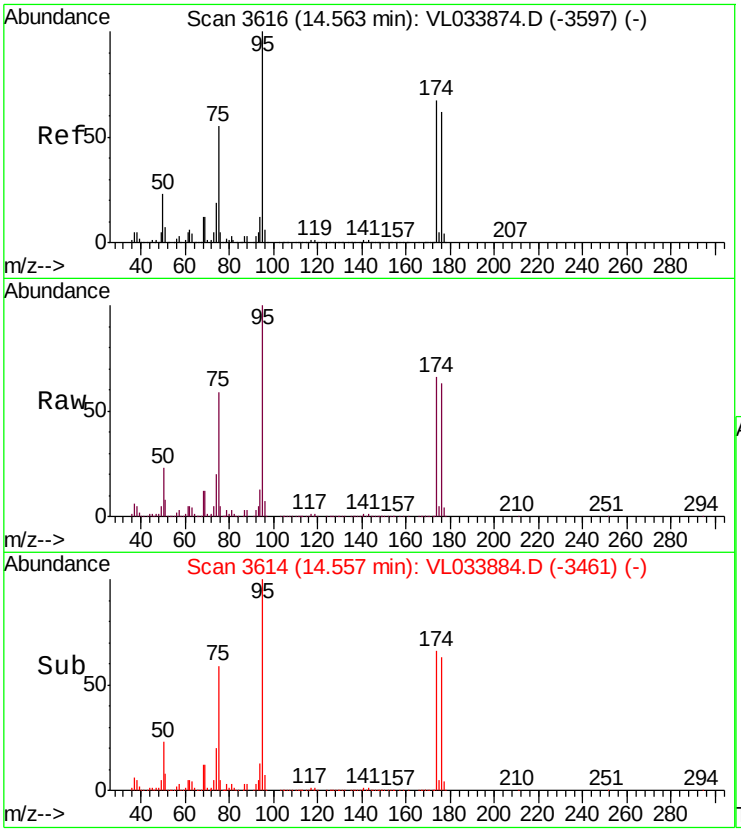


#65
tert-Butylbenzene
Concen: 0.040 ppbv
RT: 17.08 min Scan# 4400
Delta R.T. 0.19 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion:119 Resp: 10697

Ion	Ratio	Lower	Upper
119	100		
91	4.0	66.6	100.0#
134	0.0	15.5	23.3#



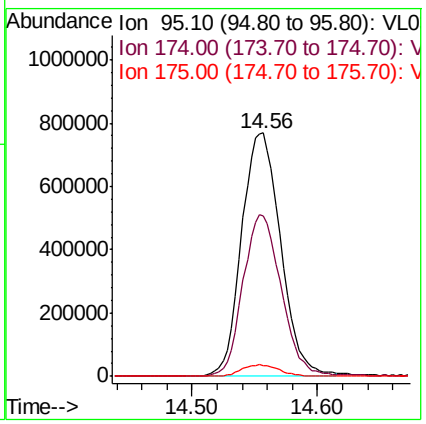


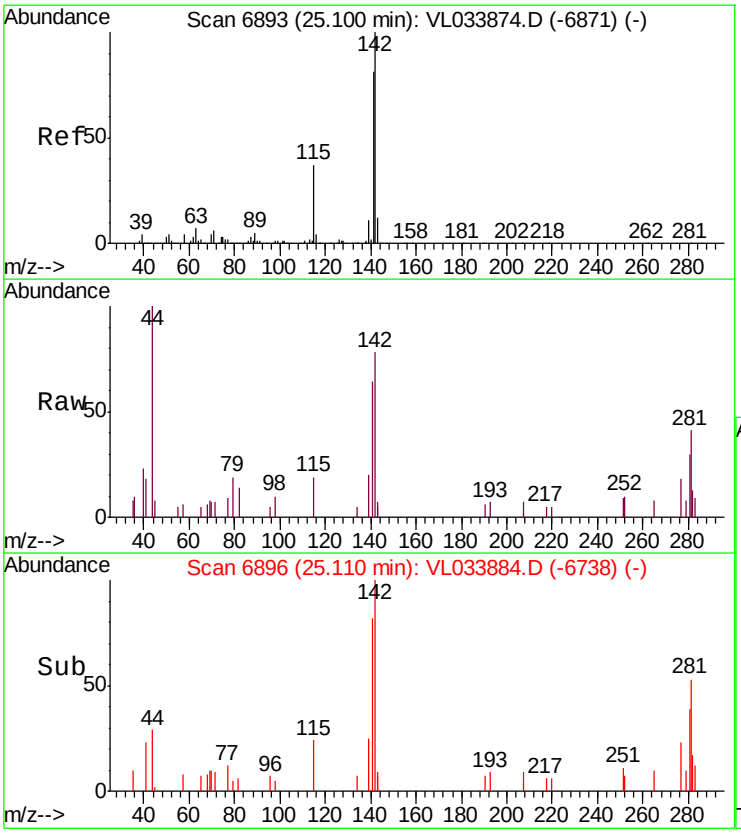
#68
1-Bromo-4-Fluorobenzene
Concen: 9.986 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
QC052319 CAN 10262

Tgt Ion: 95 Resp: 1663965

Ion	Ratio	Lower	Upper
95	100		
174	66.2	54.0	81.0
175	4.8	3.8	5.8





#80
Naphthalene,2-methyl-
Concen: 0.055 ppbv
RT: 25.11 min Scan# 6896
Delta R.T. 0.01 min
Lab File: VL033884.D
Acq: 7 Jun 2019 11:29

Tgt Ion:142 Resp: 4832

Ion	Ratio	Lower	Upper
142	100		
141	97.8	65.7	98.5
115	33.8	28.9	43.3