Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034489.D
Acq On : 10 Dec 2019 9:44
Operator : SY/AP
Sample : QC120919 CAN 10488
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC120919 CAN 10488

Quant Time: Dec 10 13:17:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	867083	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	1701057	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1675081	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1431583	10.16	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%			
Target Compounds						Qvalue
4) Chloromethane	3.11	50	3964	0.062	ppbv	# 60
13) Ethanol	3.60	45	792	0.059	ppbv	# 40
15) Acetone	3.86	43	7950	0.064	ppbv	# 61
20) Methylene Chloride	4.33	84	2103	0.048	ppbv	# 56
36) Benzene	6.91	78	35993	0.212	ppbv	# 91
39) 1,2-Dichloropropane	7.19	63	503904	7.692	ppbv	# 23

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

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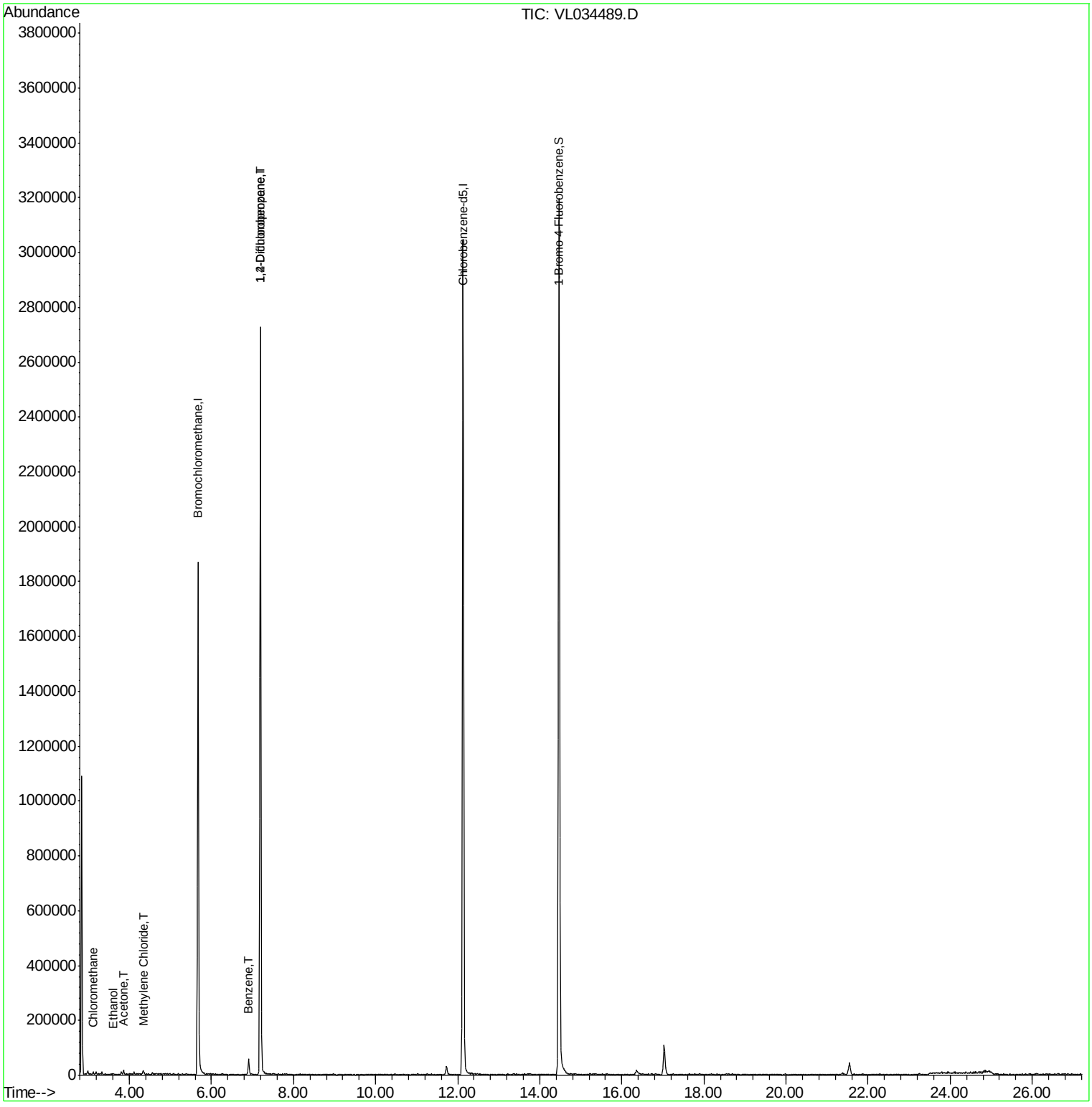
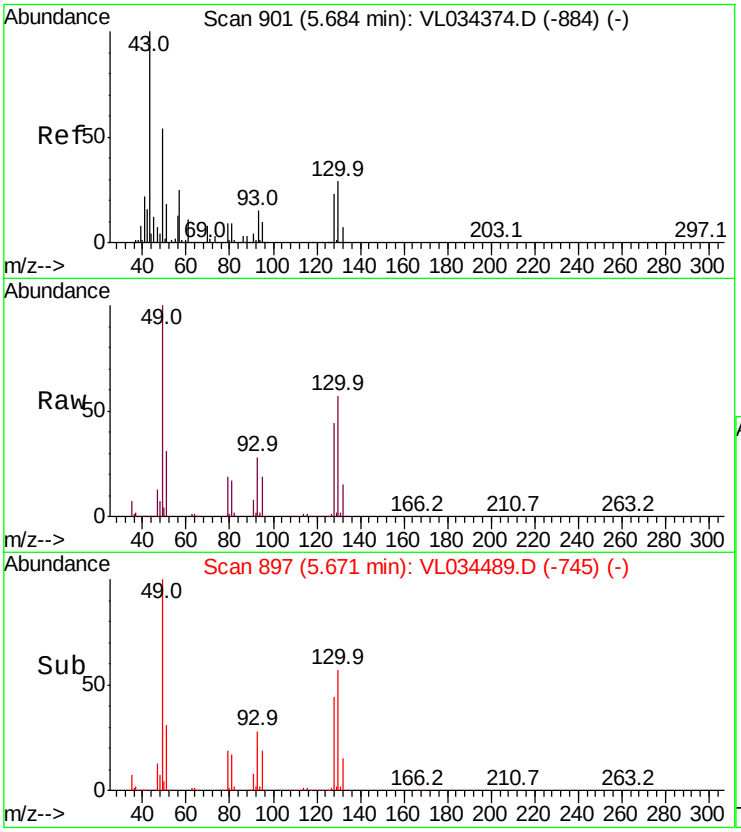


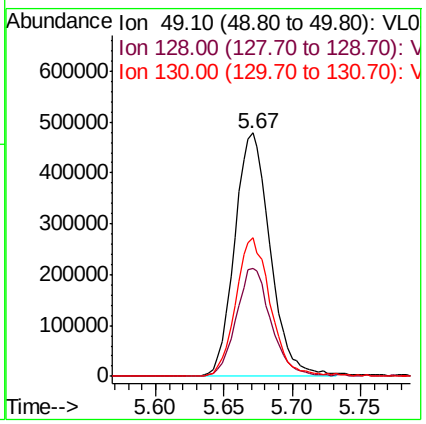


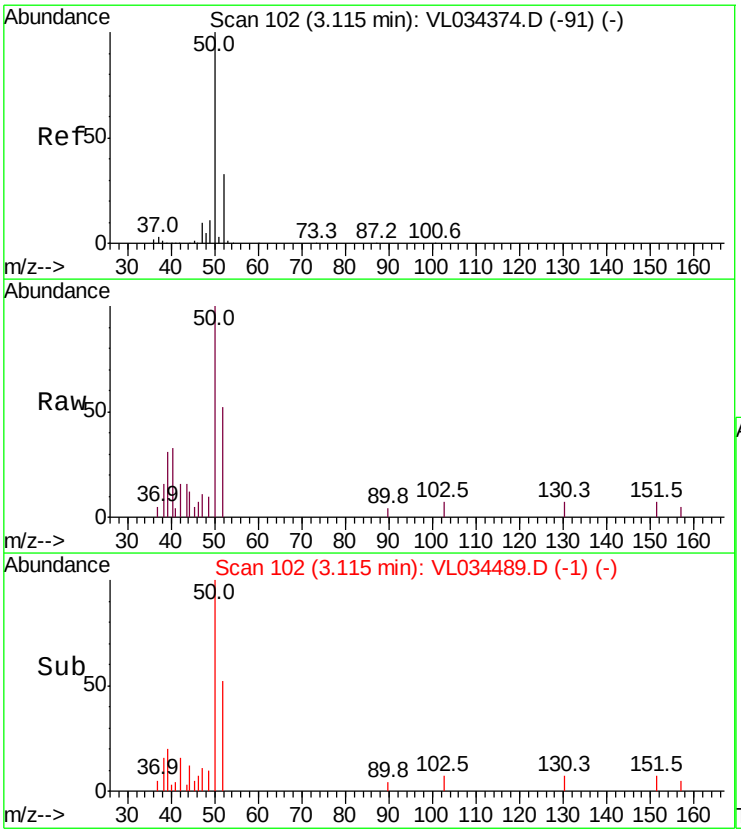
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tgt Ion: 49 Resp: 867083

Ion	Ratio	Lower	Upper
49	100		
128	43.9	21.8	65.3
130	56.1	28.0	84.0

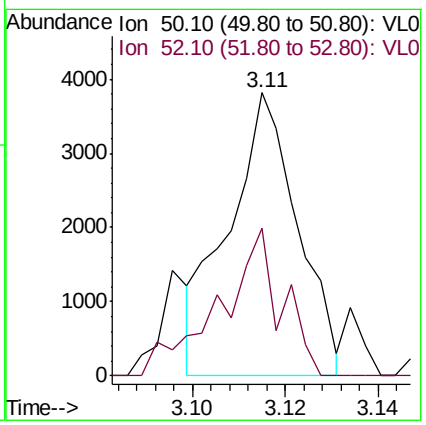


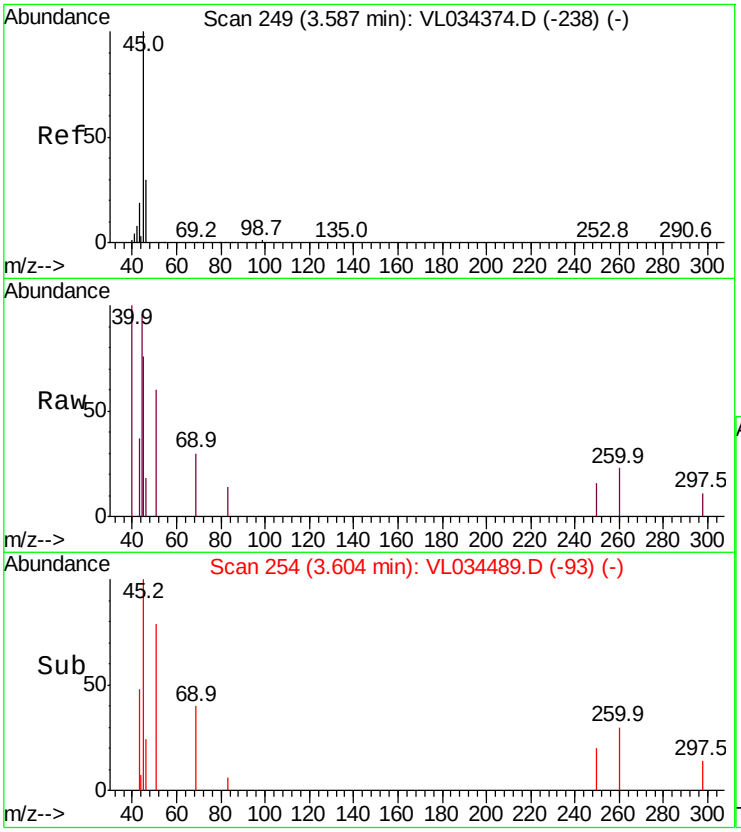


#4
Chloromethane
Concen: 0.062 ppbv
RT: 3.11 min Scan# 102
Delta R.T. 0.00 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion: 50 Resp: 3964

Ion	Ratio	Lower	Upper
50	100		
52	56.4	26.8	40.2#



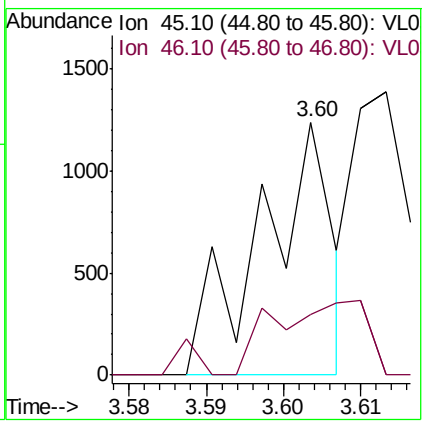


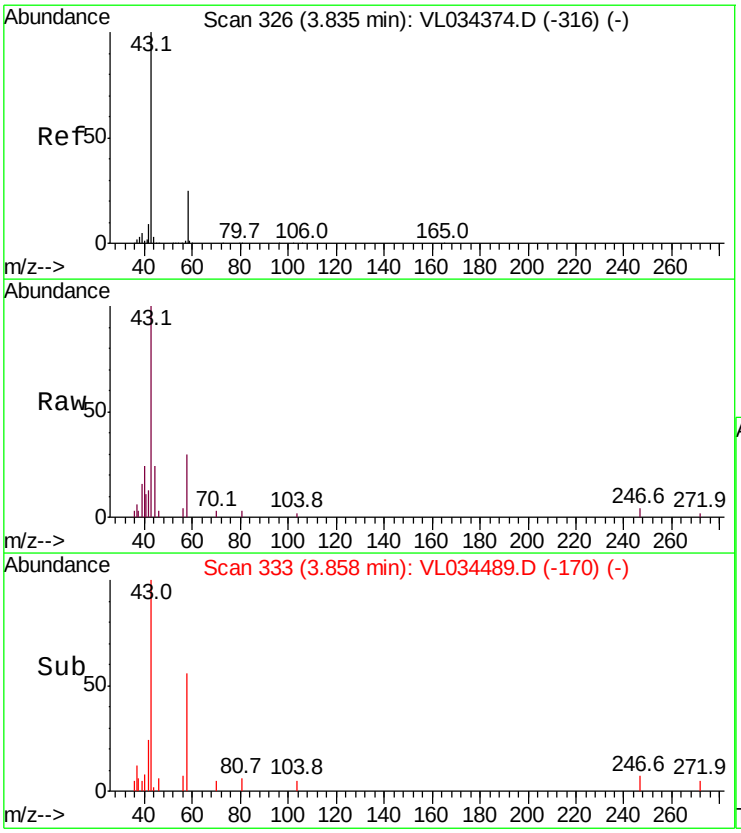
#13
Ethanol
Concen: 0.059 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.02 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tgt Ion: 45 Resp: 792

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#

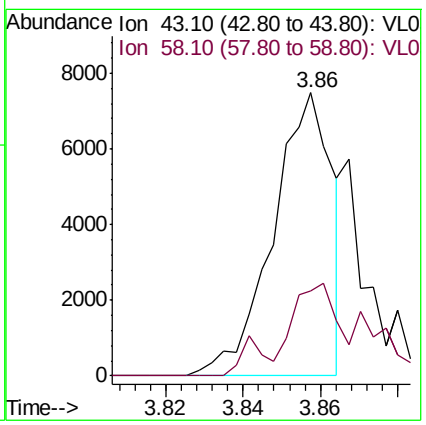


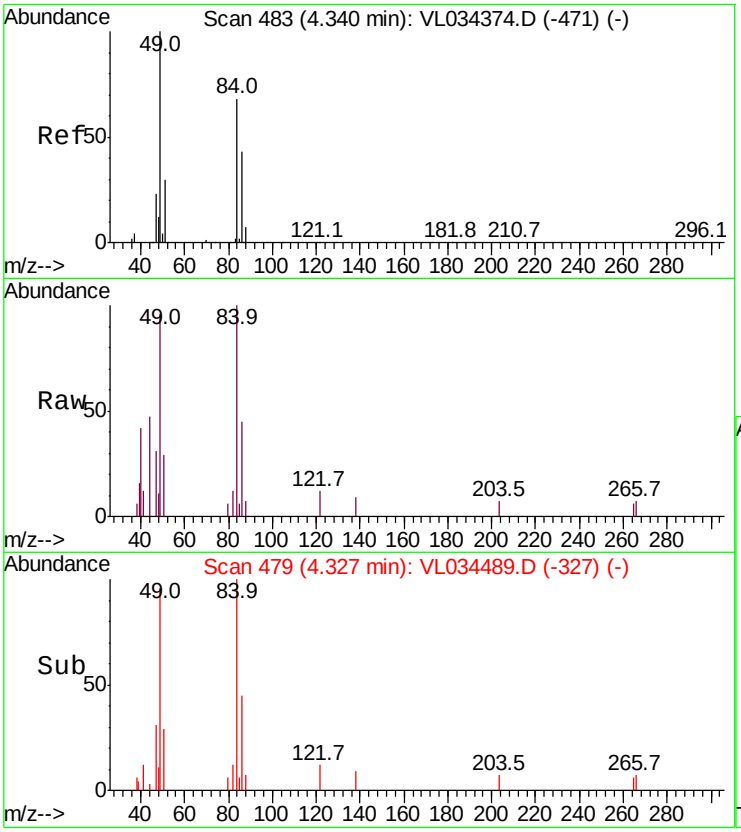


#15
Acetone
Concen: 0.064 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion: 43 Resp: 7950

Ion	Ratio	Lower	Upper
43	100		
58	45.2	20.2	30.4#



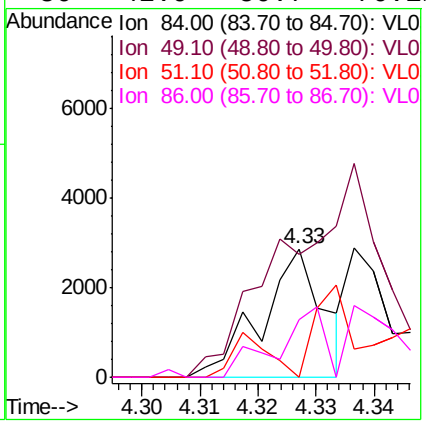


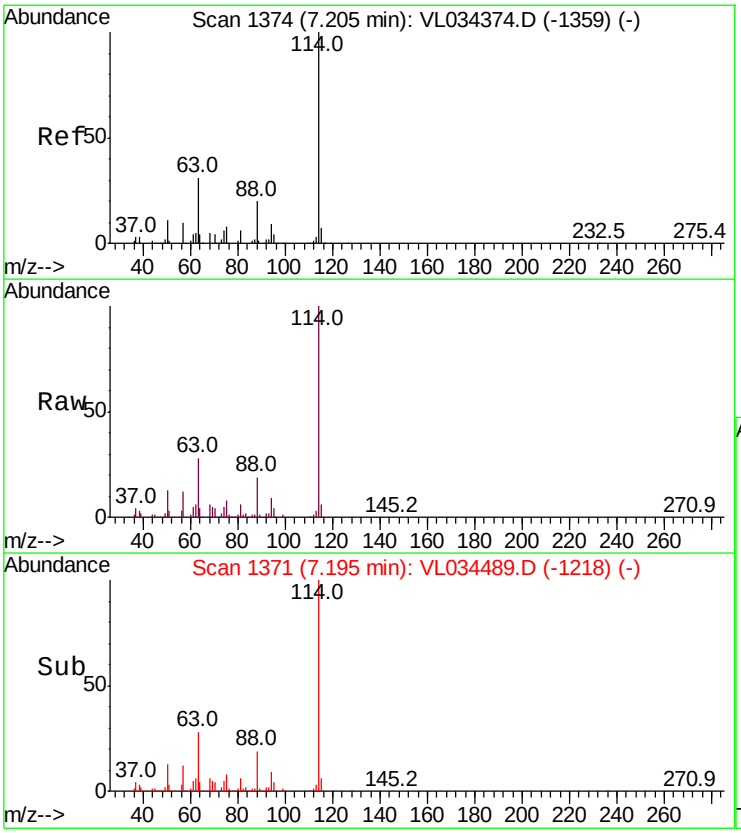
#20
Methylene Chloride
Concen: 0.048 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tgt Ion: 84 Resp: 2103

Ion	Ratio	Lower	Upper
84	100		
49	90.4	116.8	175.2#
51	0.0	35.6	53.4#
86	42.9	50.7	76.1#

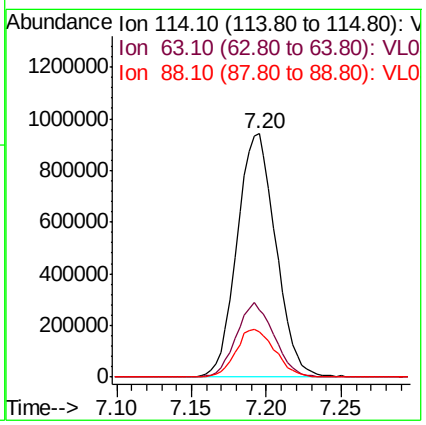


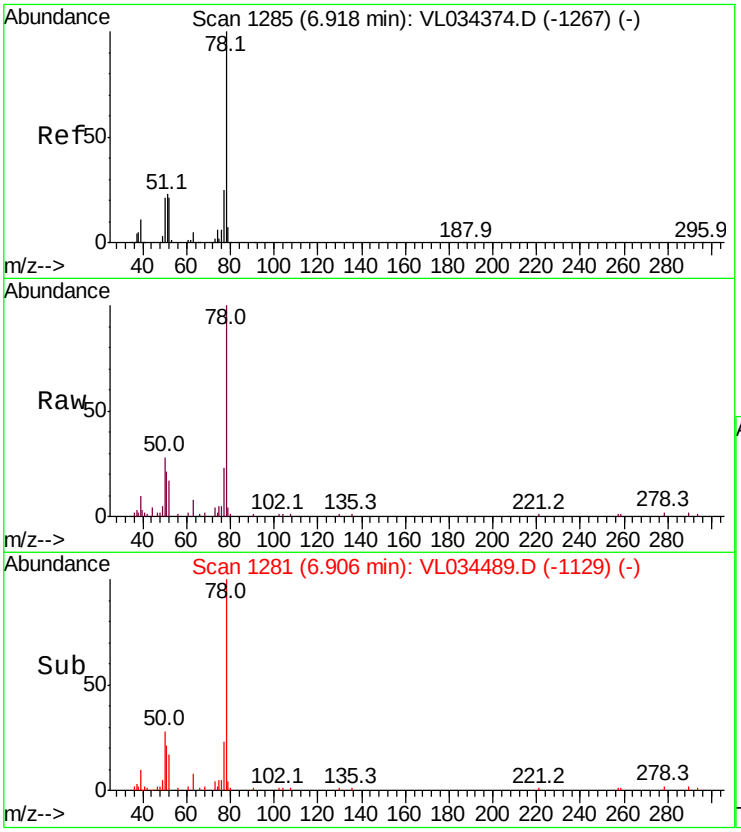


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion:114 Resp: 1701057

Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.2	36.4
88	19.8	15.9	23.9



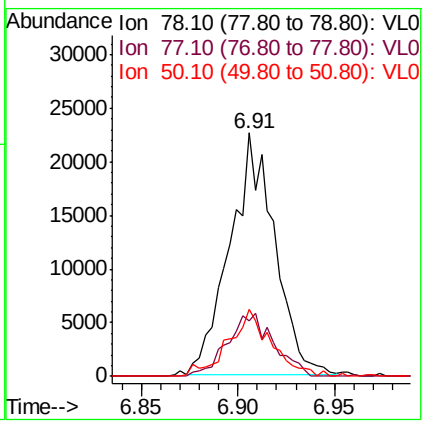


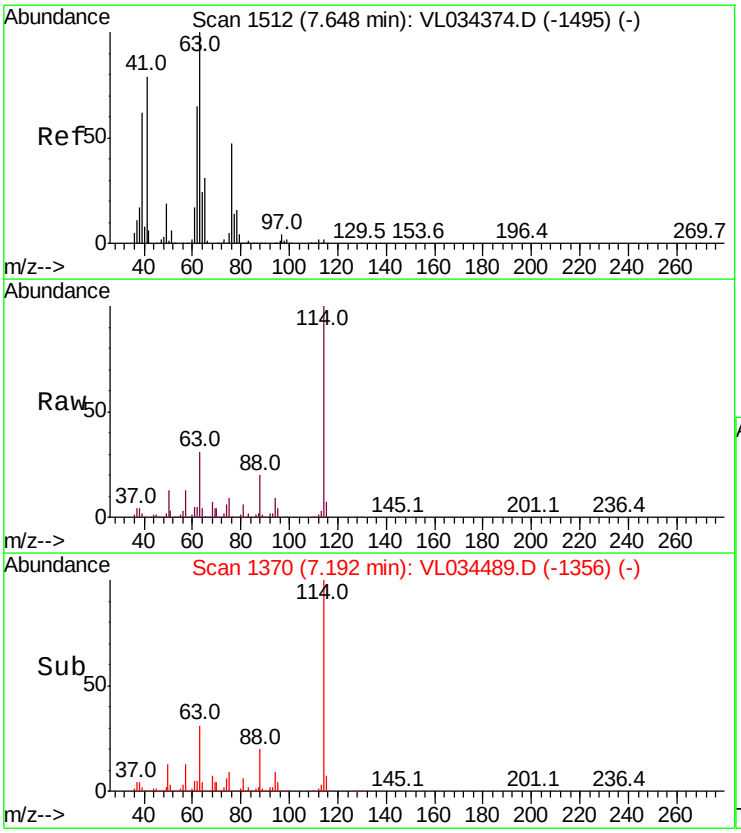
#36
Benzene
Concen: 0.212 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tgt Ion: 78 Resp: 35993

Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.2	30.4
50	27.9	17.1	25.7#

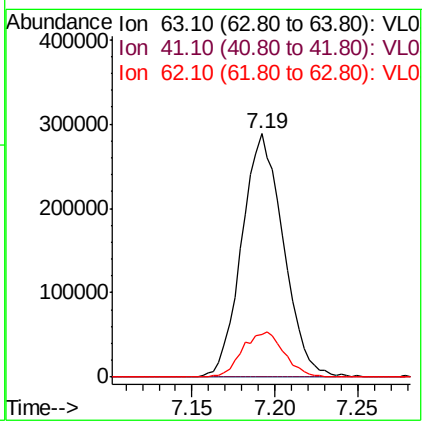


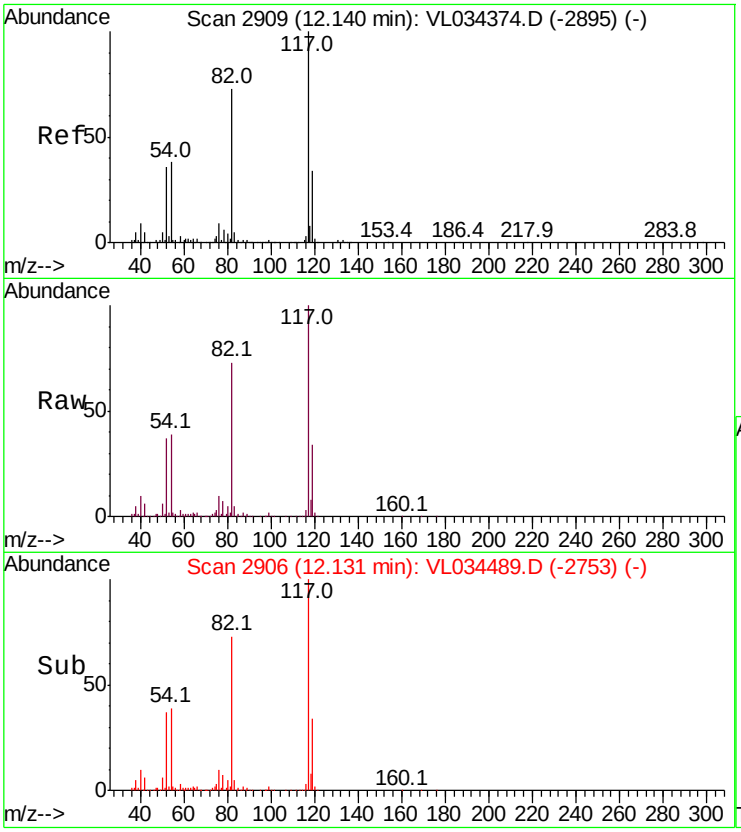


#39
1,2-Dichloropropane
Concen: 7.692 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.46 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion: 63 Resp: 503904

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.1	94.7#
62	17.5	52.3	78.5#



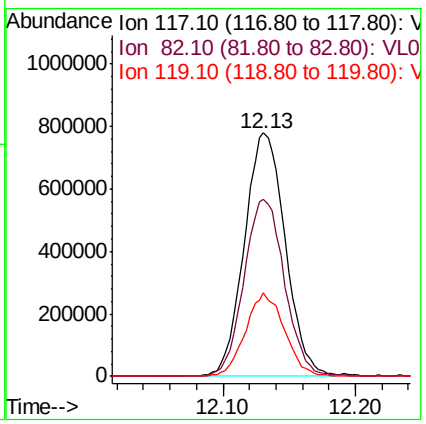


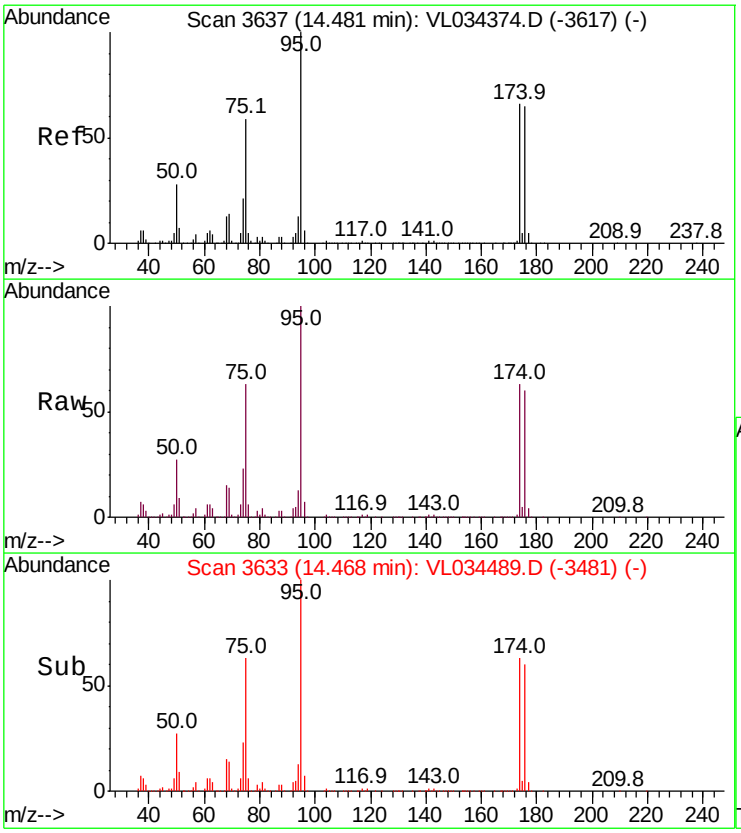
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Instrument :
MSVOA_L
ClientSampleId :
QC120919 CAN 10488

Tgt Ion:117 Resp: 1675081

Ion	Ratio	Lower	Upper
117	100		
82	72.5	57.5	86.3
119	32.8	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.159 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion: 95 Resp: 1431583

Ion	Ratio	Lower	Upper
95	100		
174	64.8	52.2	78.2
175	4.6	3.8	5.8