Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034467.D
Acq On : 9 Dec 2019 16:46
Operator : SY/AP
Sample : K6195-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-2DL

Quant Time: Dec 11 11:24:05 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	990538	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1904607	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1928661	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1639105	10.10	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%			
Target Compounds						Qvalue
13) Ethanol	3.58	45	128590	8.413	ppbv	96
15) Acetone	3.84	43	92959	0.655	ppbv	91
19) Isopropyl Alcohol	3.96	45	66335	0.730	ppbv #	97
26) Hexane	5.69	57	33065	0.304	ppbv #	39

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

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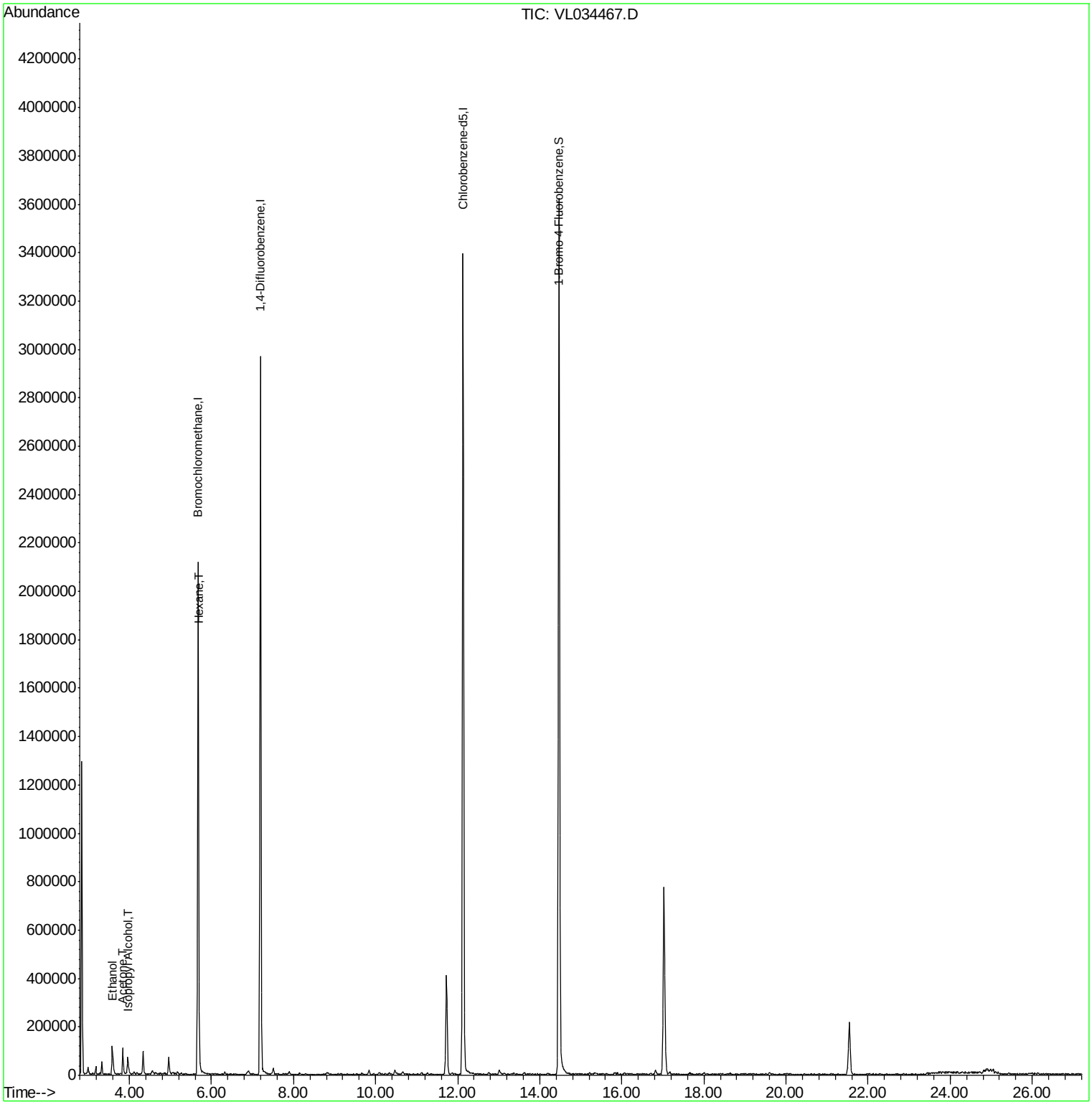
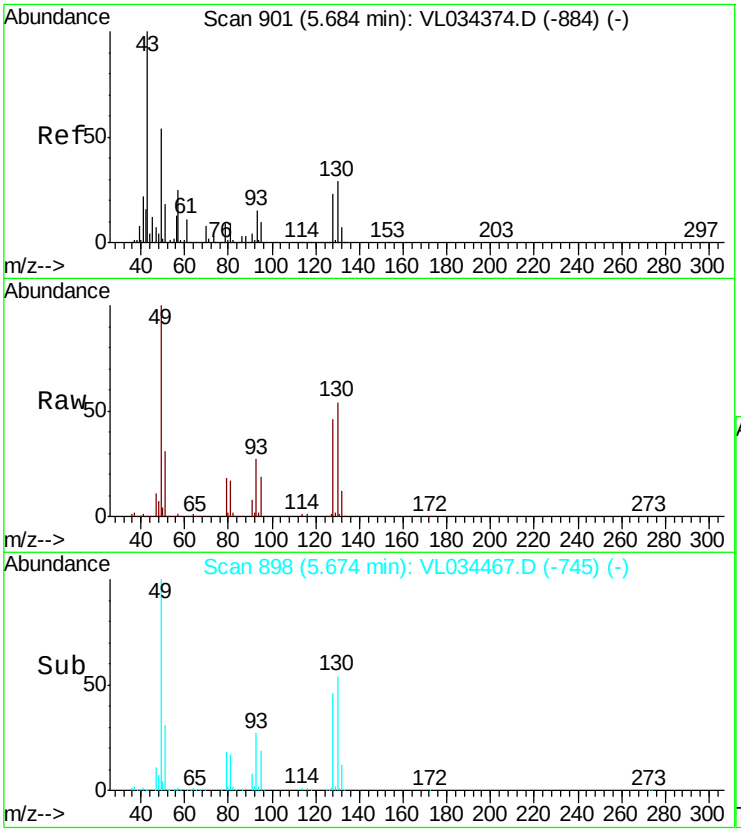


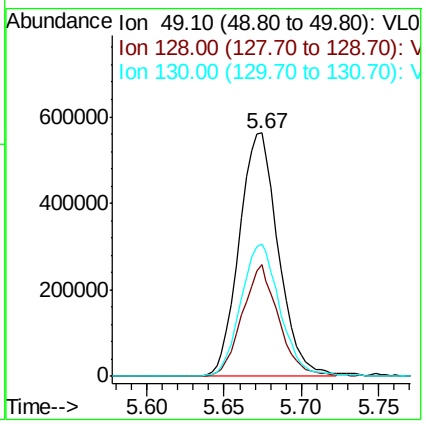


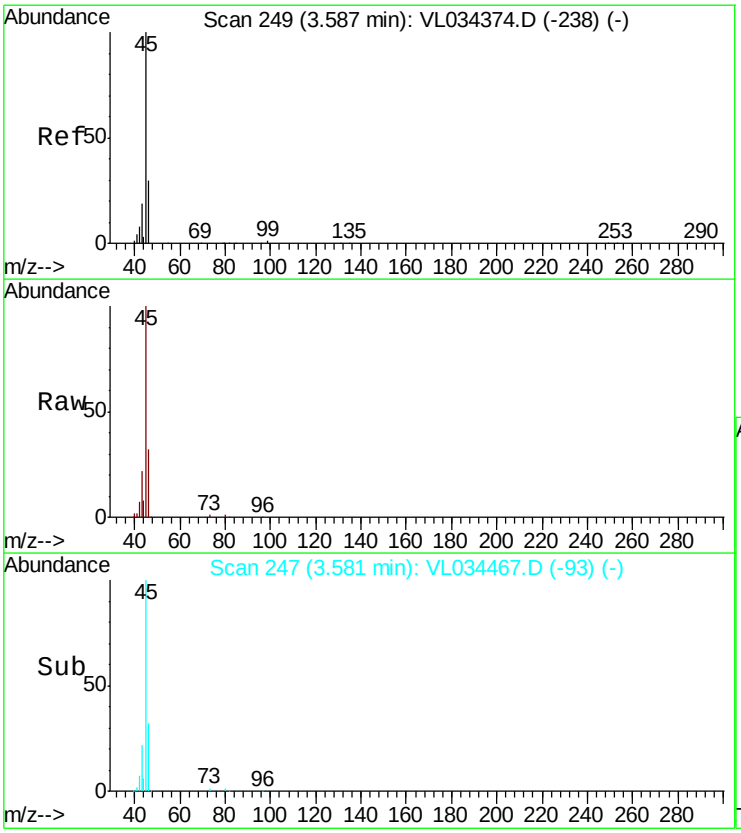
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Instrument :
MSVOA_L
ClientSampleId :
NS-2DL

Tgt Ion: 49 Resp: 990538

Ion	Ratio	Lower	Upper
49	100		
128	43.2	21.8	65.3
130	54.8	28.0	84.0

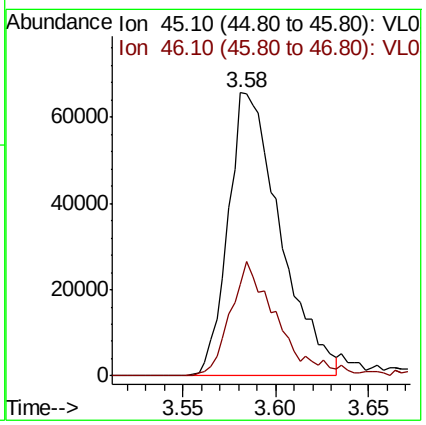


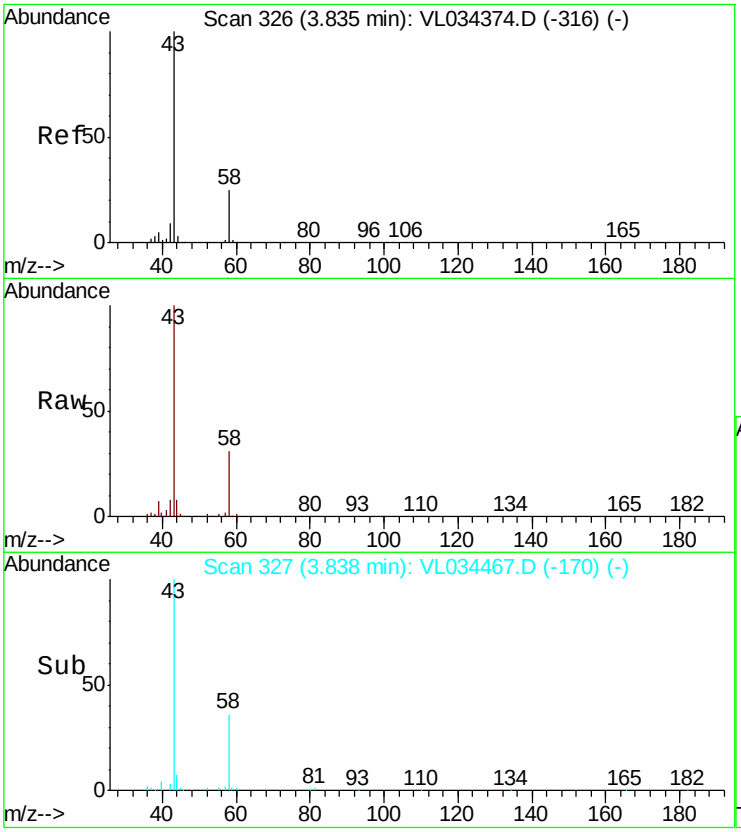


#13
Ethanol
Concen: 8.413 ppbv
RT: 3.58 min Scan# 247
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Tgt Ion: 45 Resp: 128590

Ion	Ratio	Lower	Upper
45	100		
46	36.7	13.8	55.4



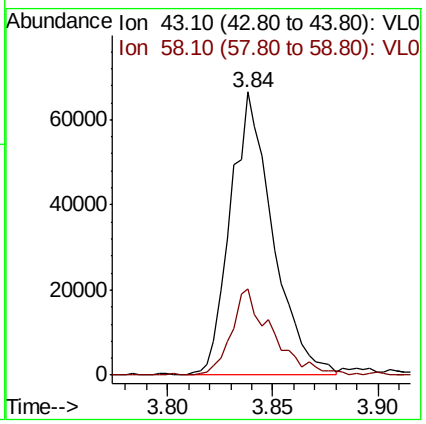


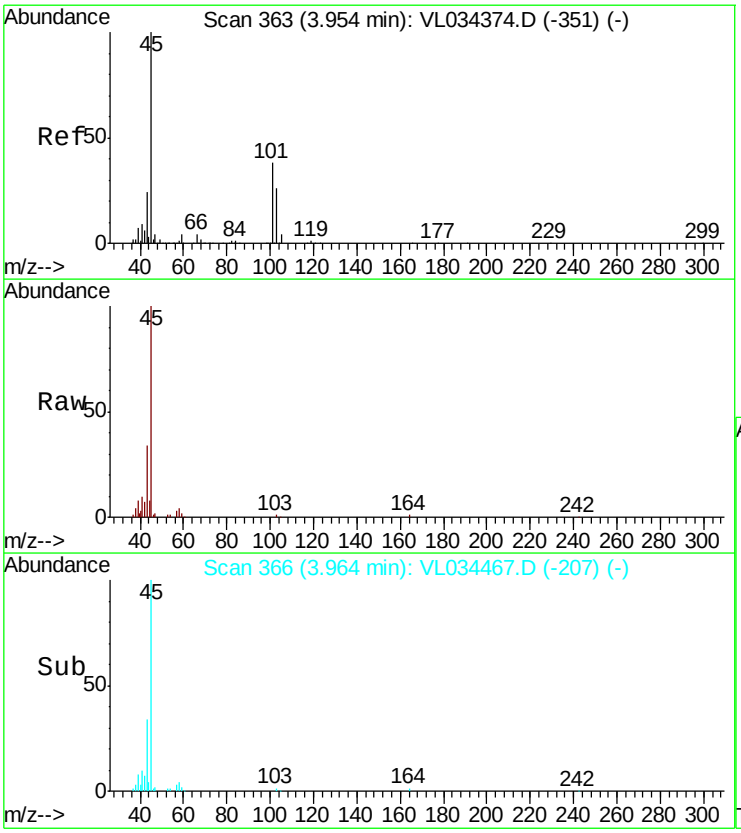
#15
Acetone
Concen: 0.655 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Instrument : MSVOA_L
ClientSampleId : NS-2DL

Tgt Ion: 43 Resp: 92959

Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.2	30.4

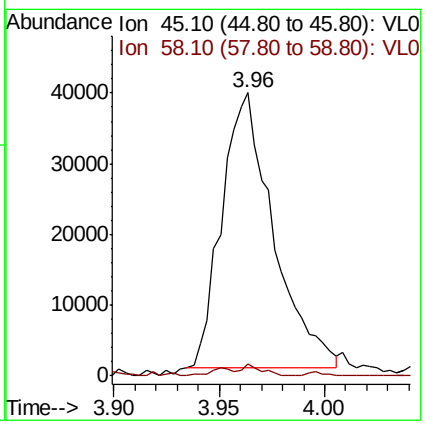


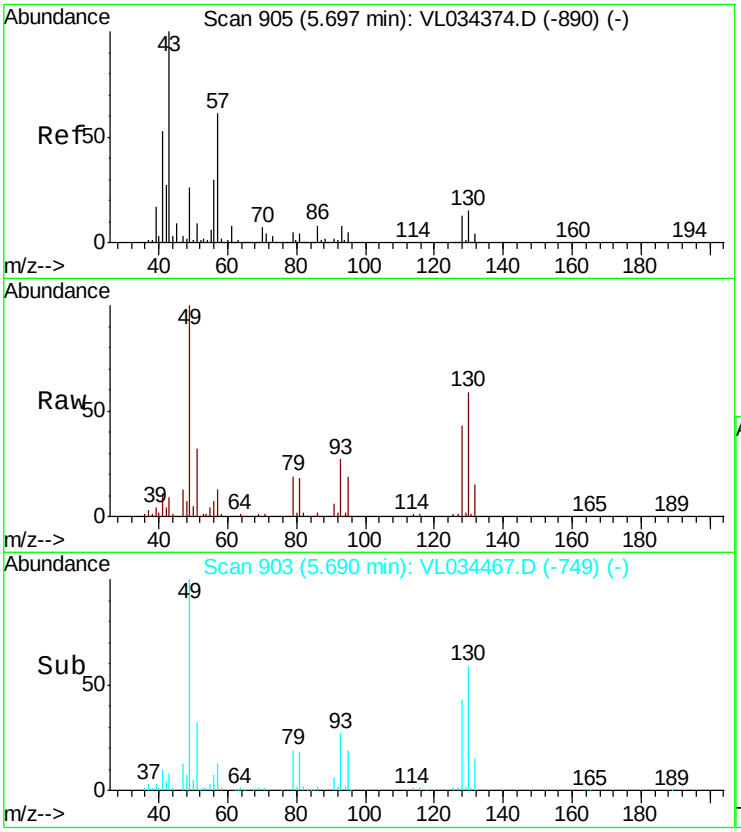


#19
Isopropyl Alcohol
Concen: 0.730 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Tgt Ion: 45 Resp: 66335

Ion	Ratio	Lower	Upper
45	100		
58	2.9	1.3	1.9#



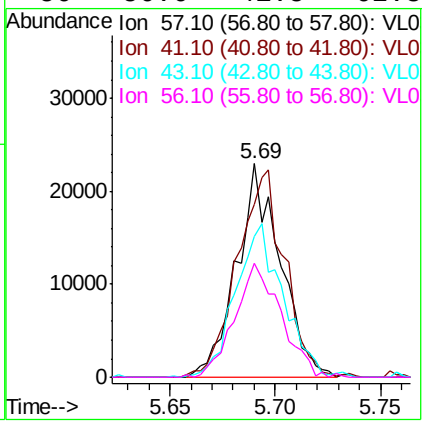


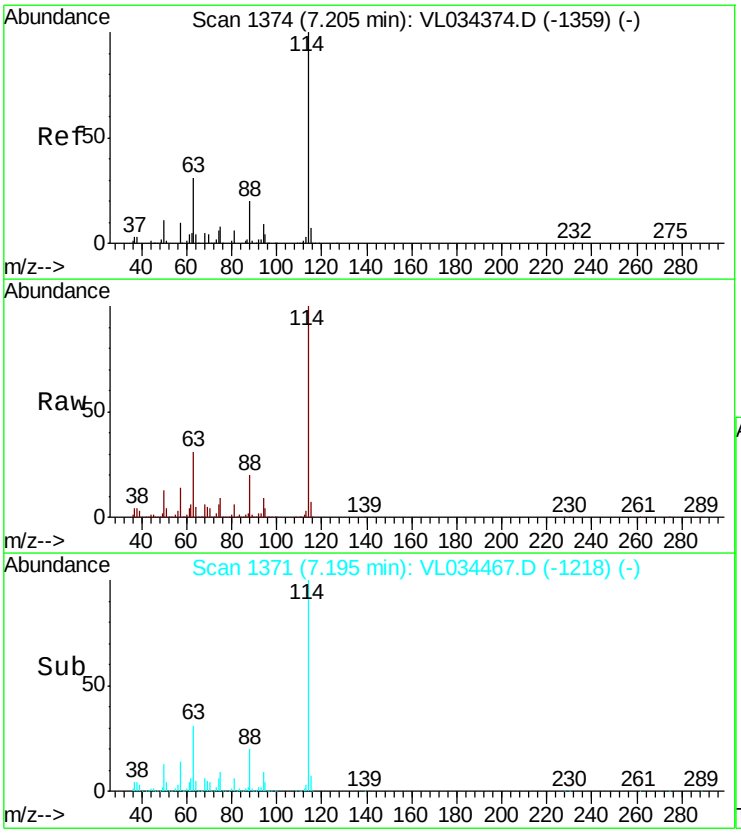
#26
Hexane
Concen: 0.304 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Instrument :
MSVOA_L
ClientSampleId :
NS-2DL

Tgt Ion: 57 Resp: 33065

Ion	Ratio	Lower	Upper
57	100		
41	104.5	75.0	112.4
43	78.1	186.6	279.8#
56	56.6	41.5	62.3

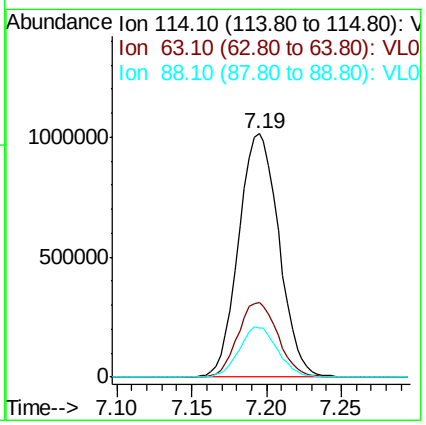


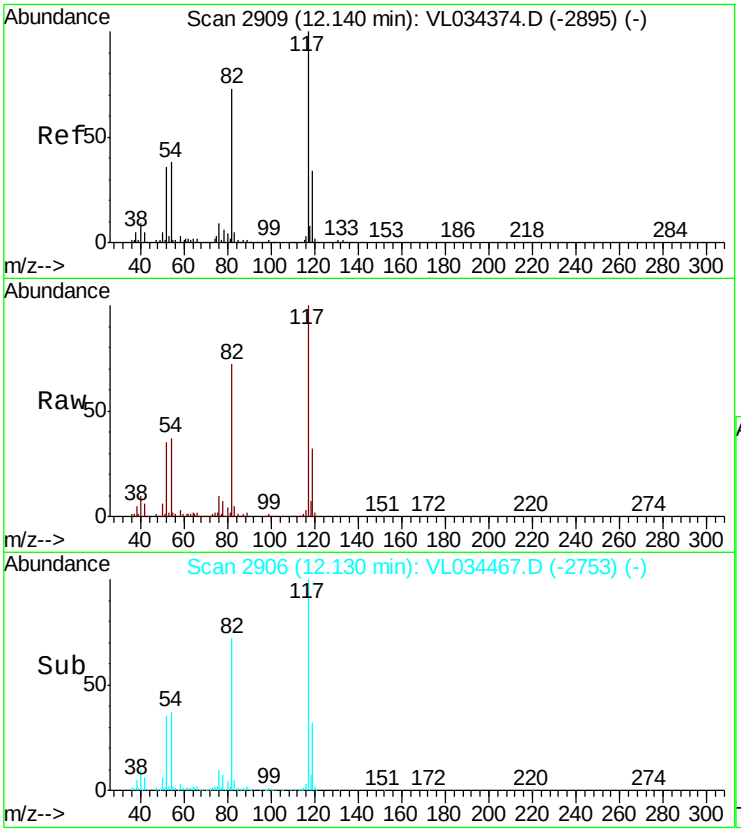


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Tgt Ion:114 Resp: 1904607

Ion	Ratio	Lower	Upper
114	100		
63	30.5	24.2	36.4
88	19.7	15.9	23.9



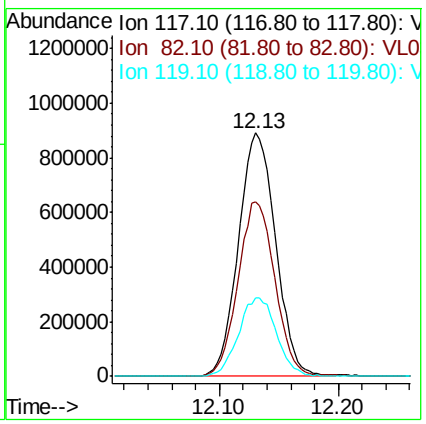


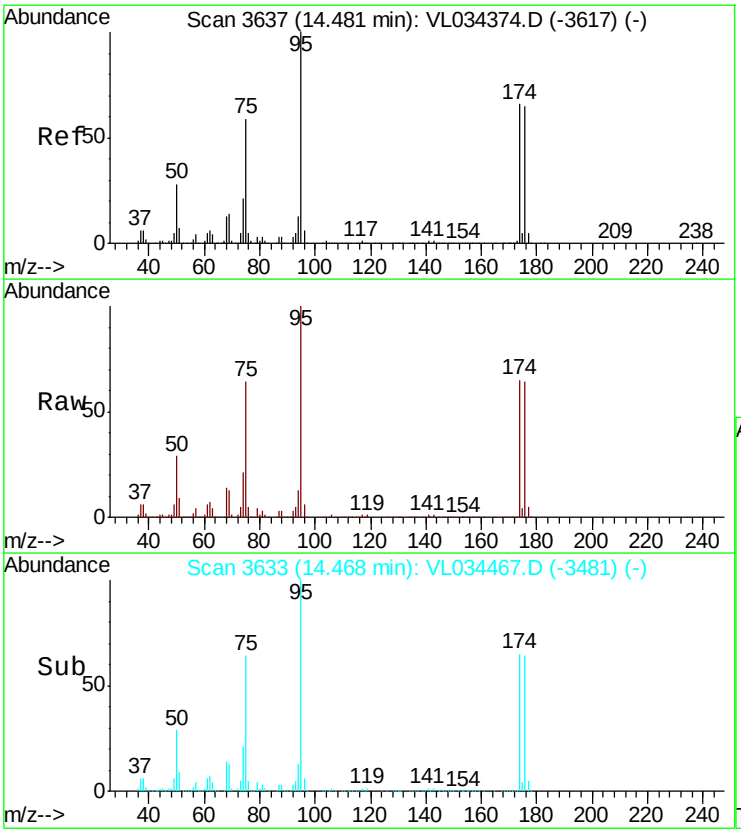
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Instrument : MSVOA_L
ClientSampleId : NS-2DL

Tgt Ion:117 Resp: 1928661

Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.0	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.102 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034467.D
Acq: 9 Dec 2019 16:46

Tgt Ion: 95 Resp: 1639105

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.2	78.2
175	4.6	3.8	5.8