Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033514.D
Acq On : 29 Mar 2019 22:52
Operator : SY/AP
Sample : K2042-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 15:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SG-6-RM-104DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	839488	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1891773	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1821540	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1403232	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
13) Ethanol	3.66	45	467874	44.547	ppbv	66
15) Acetone	3.90	43	162992	1.615	ppbv	100
20) Methylene Chloride	4.41	84	103036	2.405	ppbv	93
26) Hexane	5.78	57	110216	1.324	ppbv #	39
38) Trichloroethene	7.96	130	6309m	0.106	ppbv	
53) Toluene	9.94	91	18127	0.098	ppbv	99

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

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Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

Manual Integrations APPROVED
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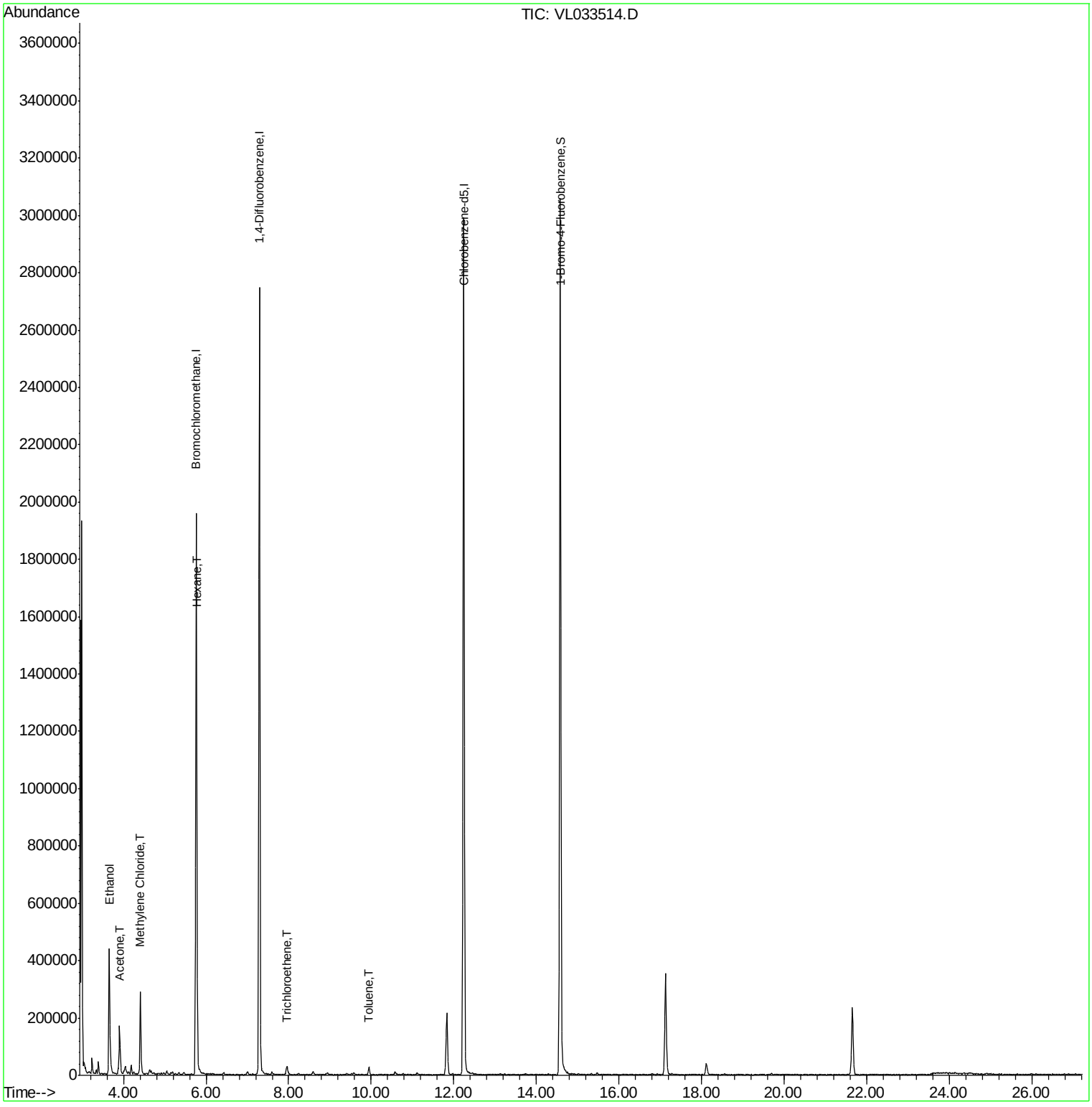
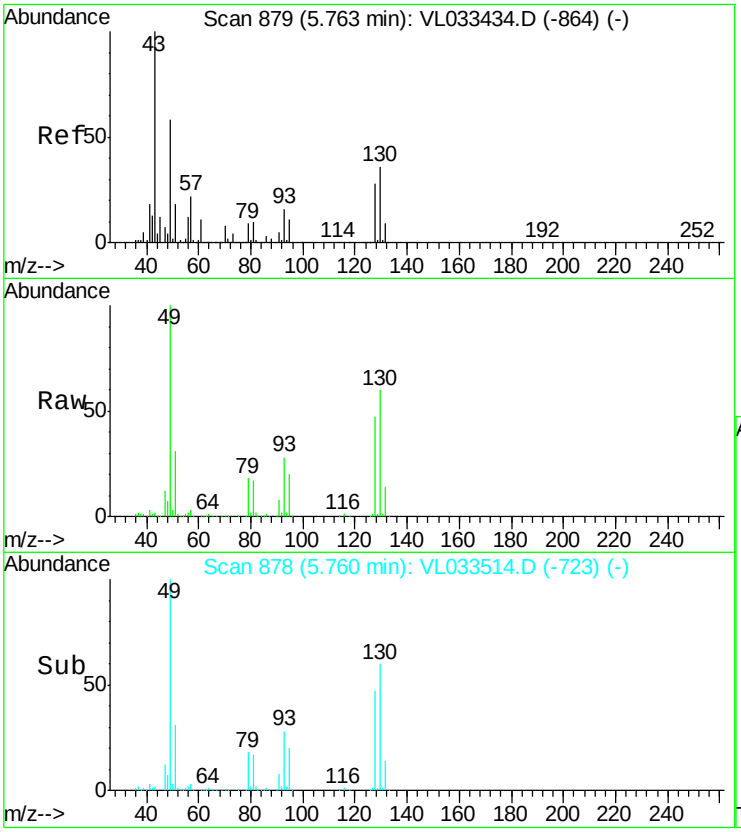
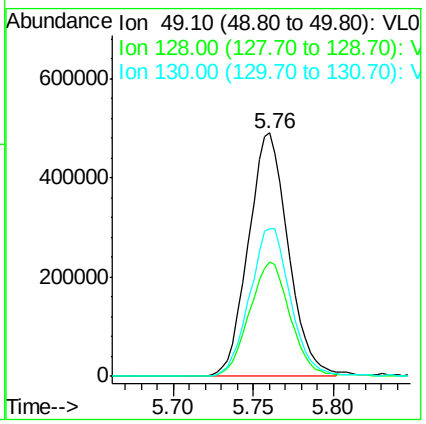




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 49 Resp: 839488

Ion	Ratio	Lower	Upper
49	100		
128	48.2	24.0	72.0
130	62.7	31.2	93.6



Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

Manual Integrations APPROVED
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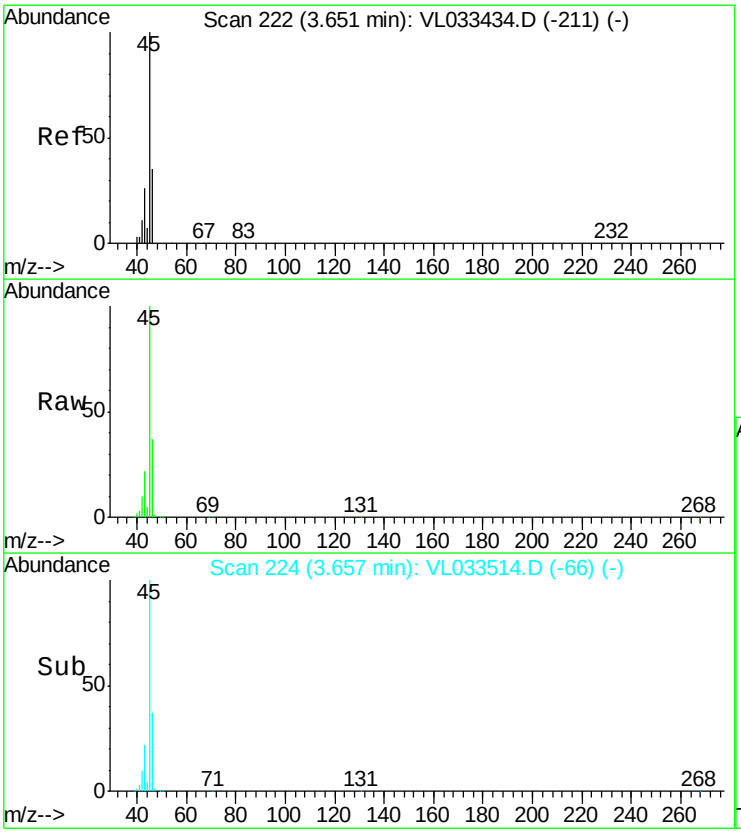
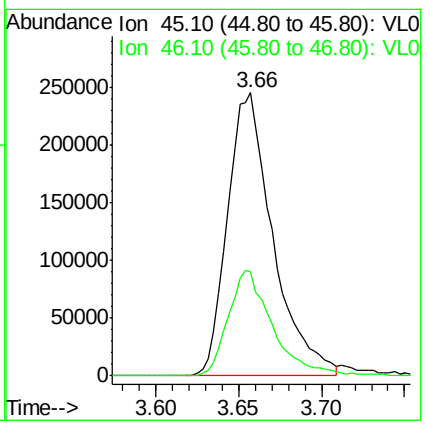
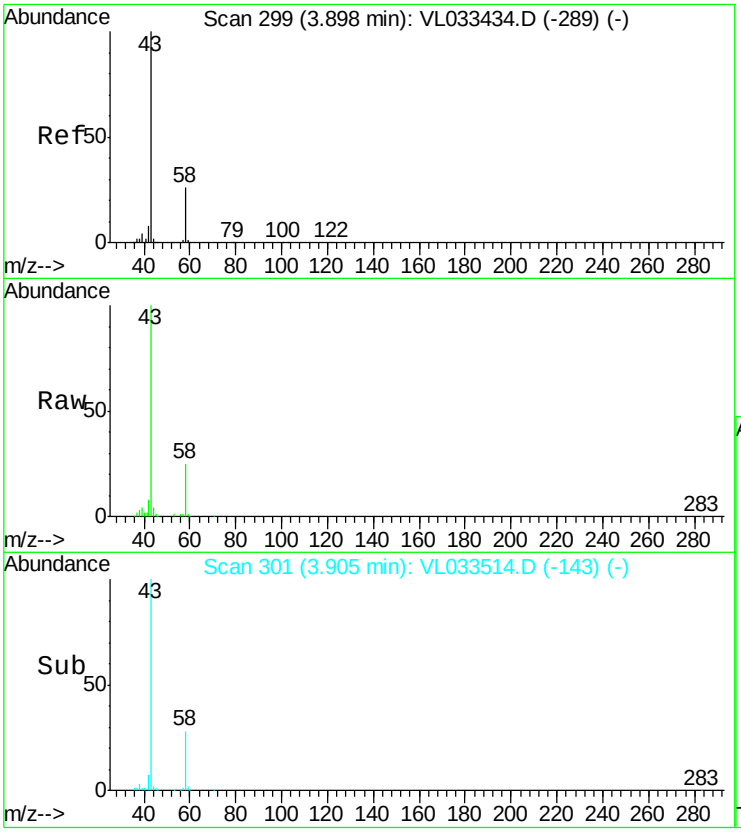


#13
Ethanol
Concen: 44.547 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 45 Resp: 467874

Ion	Ratio	Lower	Upper
45	100		
46	36.7	25.4	101.8

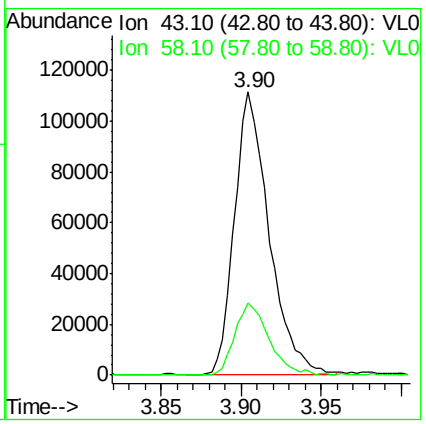




#15
Acetone
Concen: 1.615 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 43 Resp: 162992

Ion	Ratio	Lower	Upper
43	100		
58	25.4	20.5	30.7



Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

Manual Integrations APPROVED
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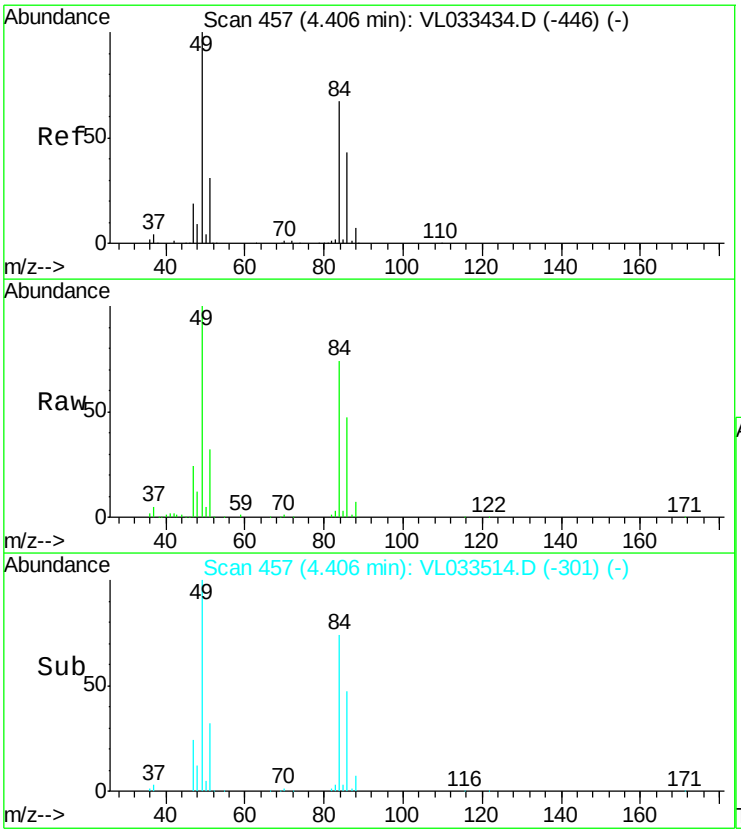
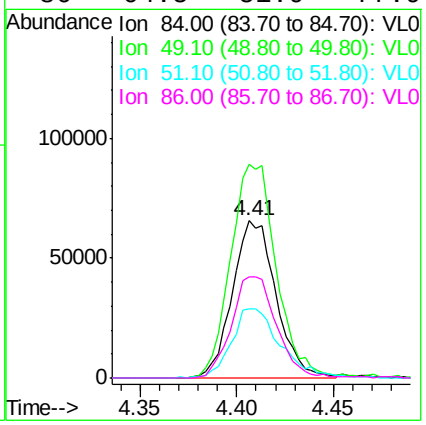
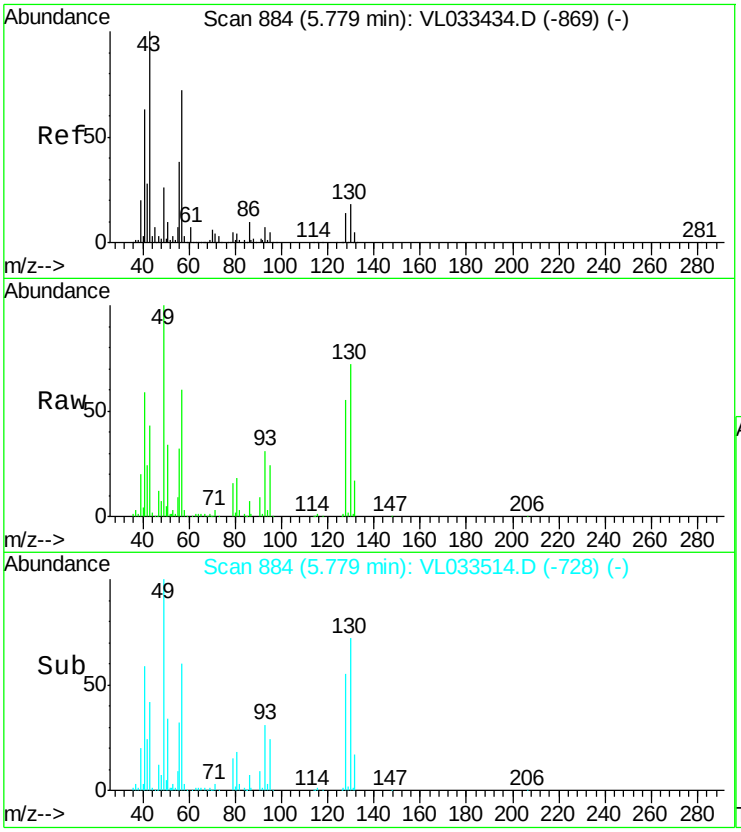


#20
Methylene Chloride
Concen: 2.405 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 84 Resp: 103036

Ion	Ratio	Lower	Upper
84	100		
49	136.0	120.0	180.0
51	43.7	36.7	55.1
86	64.5	51.9	77.9

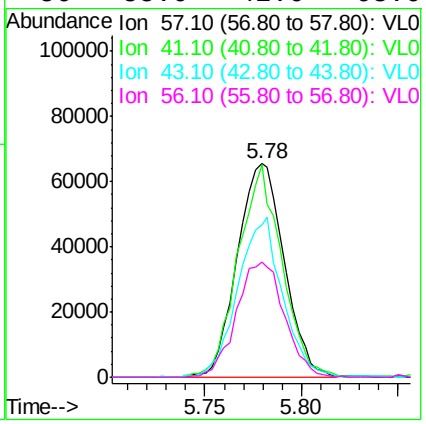




#26
Hexane
Concen: 1.324 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

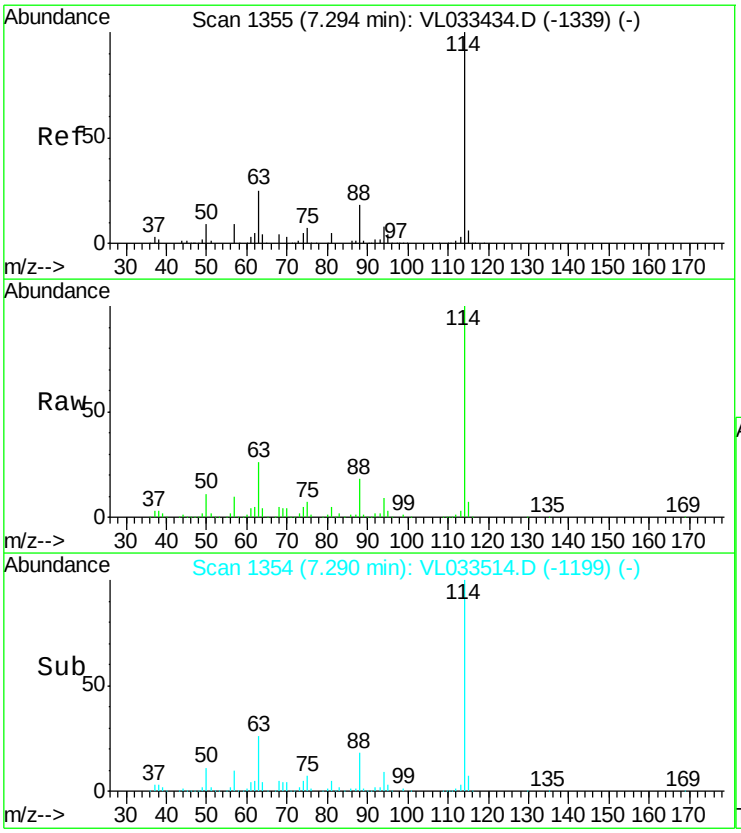
Tgt Ion: 57 Resp: 110216

Ion	Ratio	Lower	Upper
57	100		
41	93.6	70.7	106.1
43	71.6	182.6	274.0#
56	55.0	42.0	63.0



Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

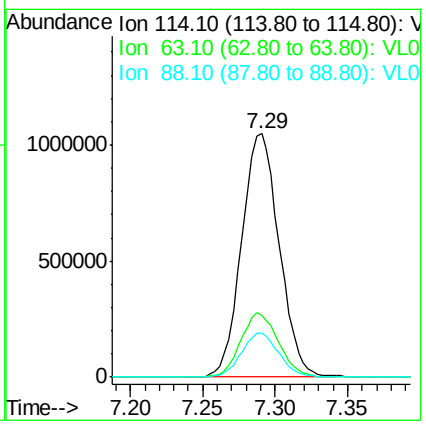
Manual Integrations APPROVED
MMDadoda
4/1/2019 4:03:21 AM

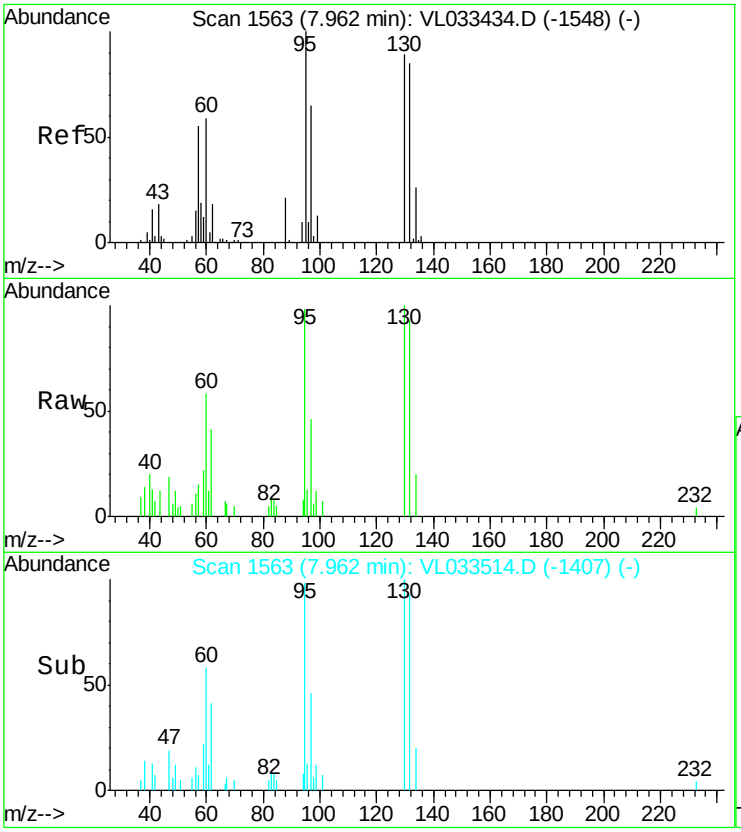


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion:114 Resp: 1891773

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.5	32.3
88	18.0	14.5	21.7

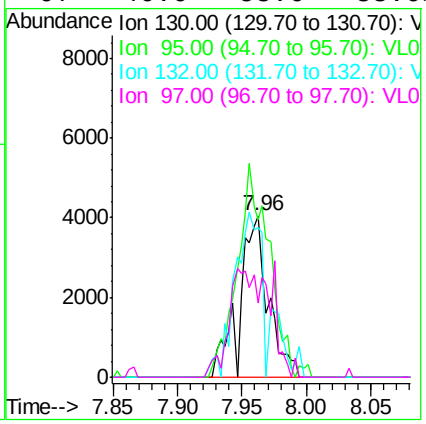




#38
Trichloroethene
Concen: 0.106 ppbv m
RT: 7.96 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion:130 Resp: 6309

Ion	Ratio	Lower	Upper
130	100		
95	97.8	89.8	134.8
132	92.9	76.6	115.0
97	46.0	58.6	88.0#



Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

Manual Integrations APPROVED
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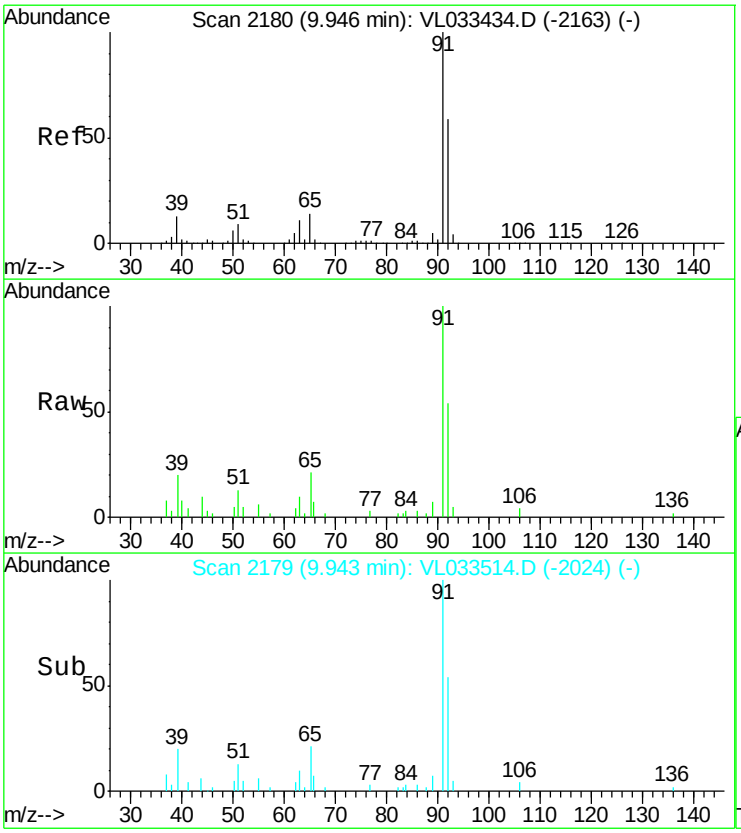
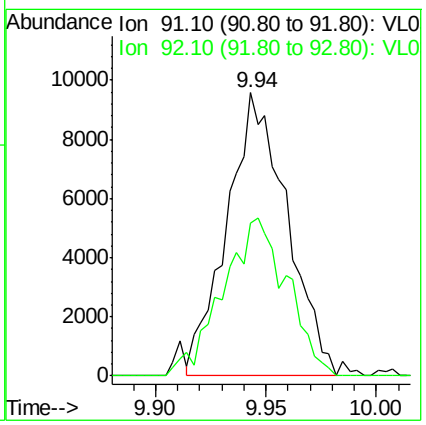
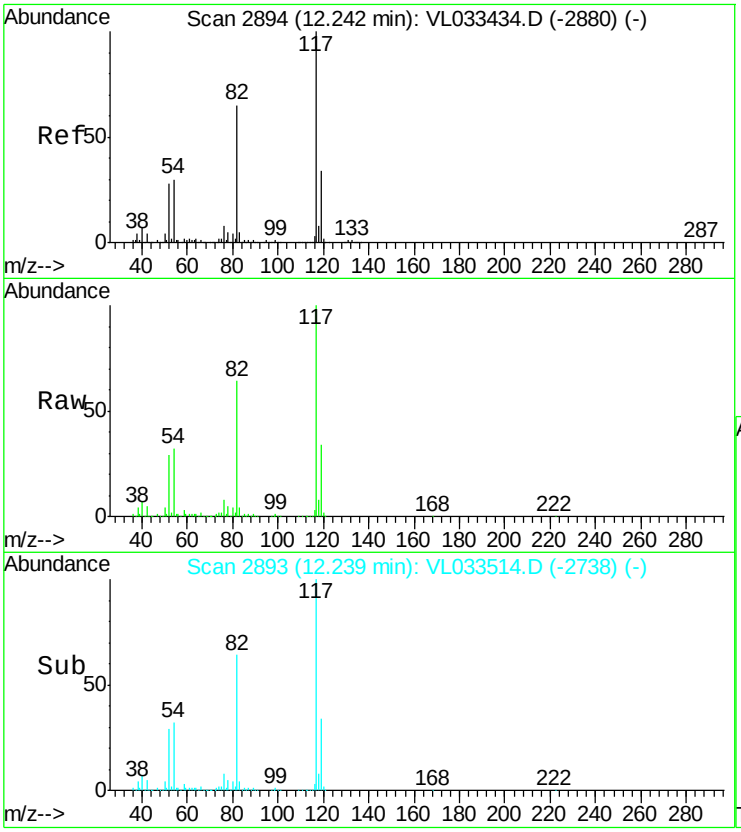


#53
Toluene
Concen: 0.098 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 91 Resp: 18127

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.4	71.0

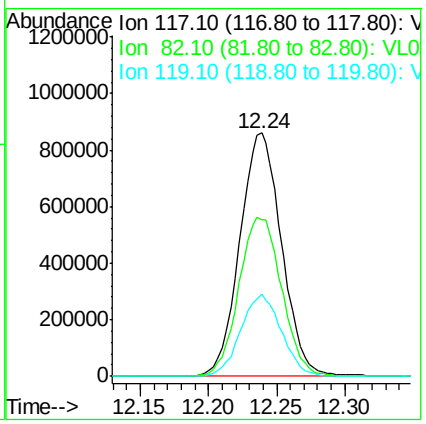




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion:117 Resp: 1821540

Ion	Ratio	Lower	Upper
117	100		
82	67.5	51.5	77.3
119	33.1	25.5	38.3



Instrument :
MSVOA_L
ClientSampleId :
SG-6-RM-104DL

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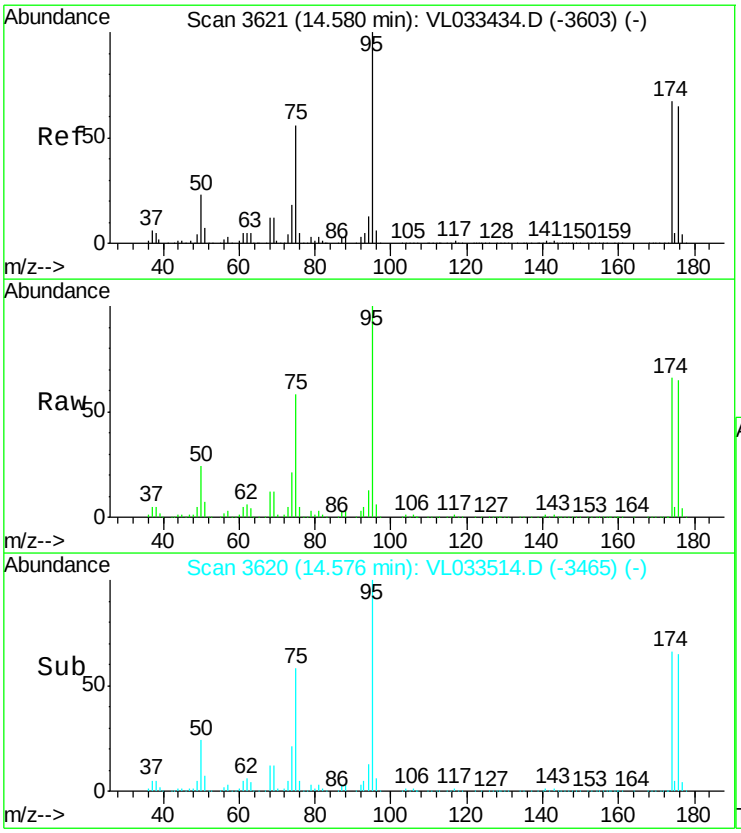

#68
1-Bromo-4-Fluorobenzene
Concen: 9.826 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033514.D
Acq: 29 Mar 2019 22:52

Tgt Ion: 95 Resp: 1403232

Ion	Ratio	Lower	Upper
95	100		
174	66.3	52.9	79.3
175	4.7	3.8	5.6