Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081618\
Data File : VL032399.D
Acq On : 17 Aug 2018 8:46
Operator : SY/AP
Sample : J4457-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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8/20/2018 3:12:02 PM

Quant Time: Aug 17 23:25:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.81	49	1774242	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3430102	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3444998	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	2679196	10.19	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%				
Target Compounds							Qvalue
9) Propene	3.08	41	34520	0.49	ppbv		84
10) Heptane	8.30	43	79881	0.38	ppbv		97
13) Ethanol	3.70	45	24418m	1.35	ppbv		
15) Acetone	3.96	43	175500	1.04	ppbv	#	71
26) Hexane	5.83	57	128213	0.80	ppbv	#	40
30) Cyclohexane	7.31	84	70341	0.57	ppbv		84
36) Benzene	7.06	78	29501	0.10	ppbv	#	91
52) Tetrachloroethene	11.43	164	877466	10.23	ppbv		92
53) Toluene	10.01	91	180099	0.56	ppbv		97
58) Ethyl Benzene	12.93	91	53079m	0.13	ppbv		
59) m/p-Xylene	13.18	91	142082m	0.40	ppbv		
60) o-Xylene	13.92	91	39624m	0.11	ppbv		
74) 1,2,4-Trimethylbenzene	16.99	105	38880m	0.10	ppbv		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081618\
Data File : VL032399.D
Acq On : 17 Aug 2018 8:46
Operator : SY/AP
Sample : J4457-02DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 17 23:25:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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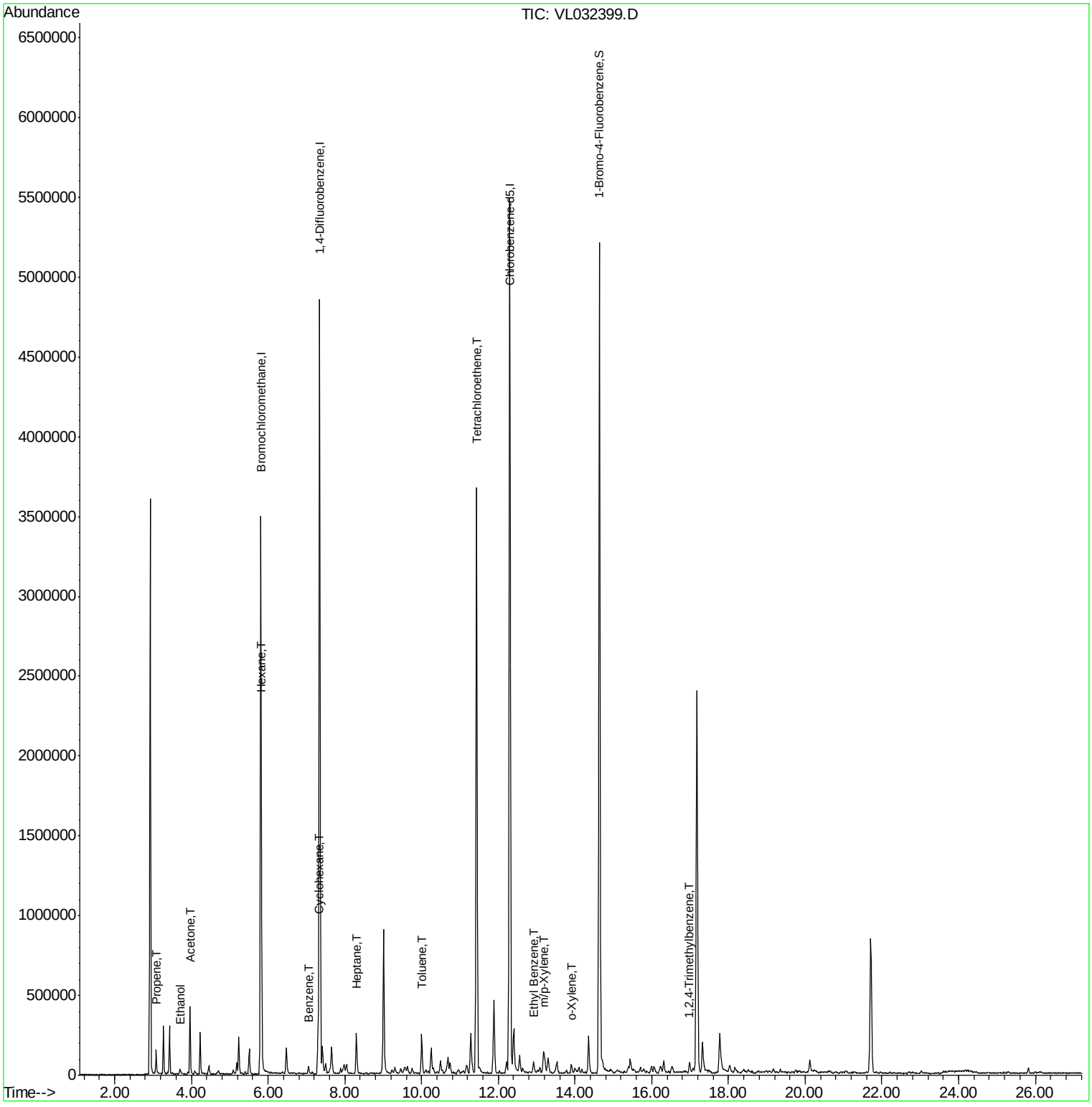
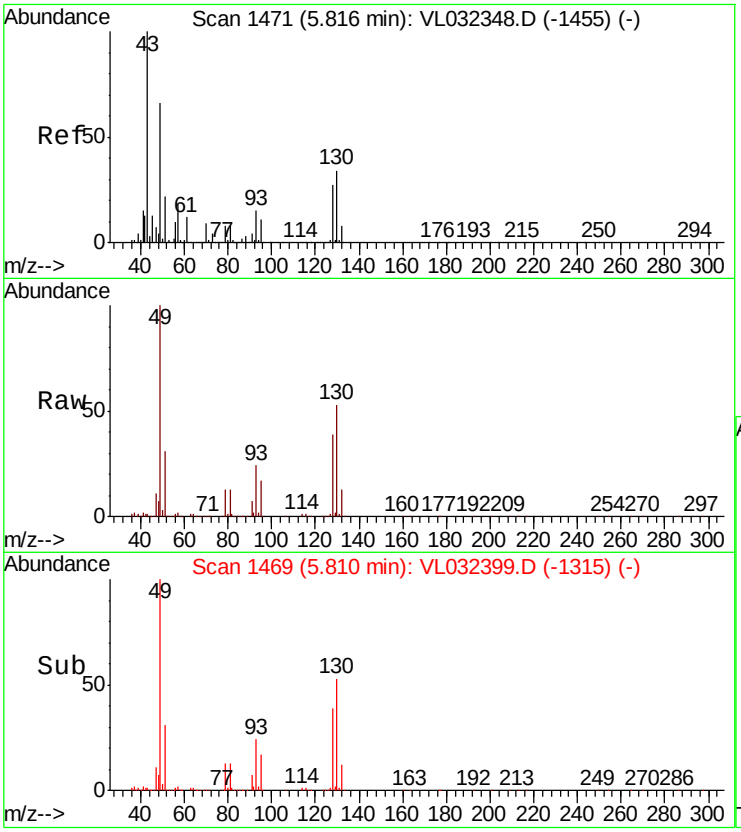
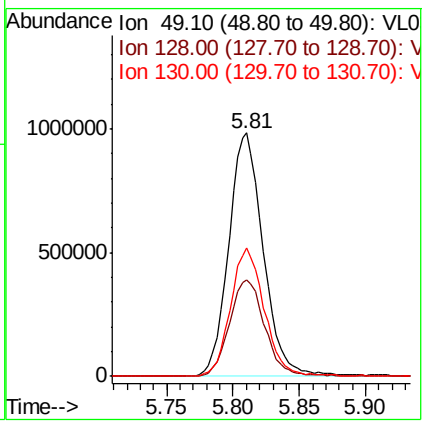




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.81 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 49 Resp: 1774242

Ion	Ratio	Lower	Upper
49	100		
128	41.1	20.5	61.6
130	52.4	26.2	78.5



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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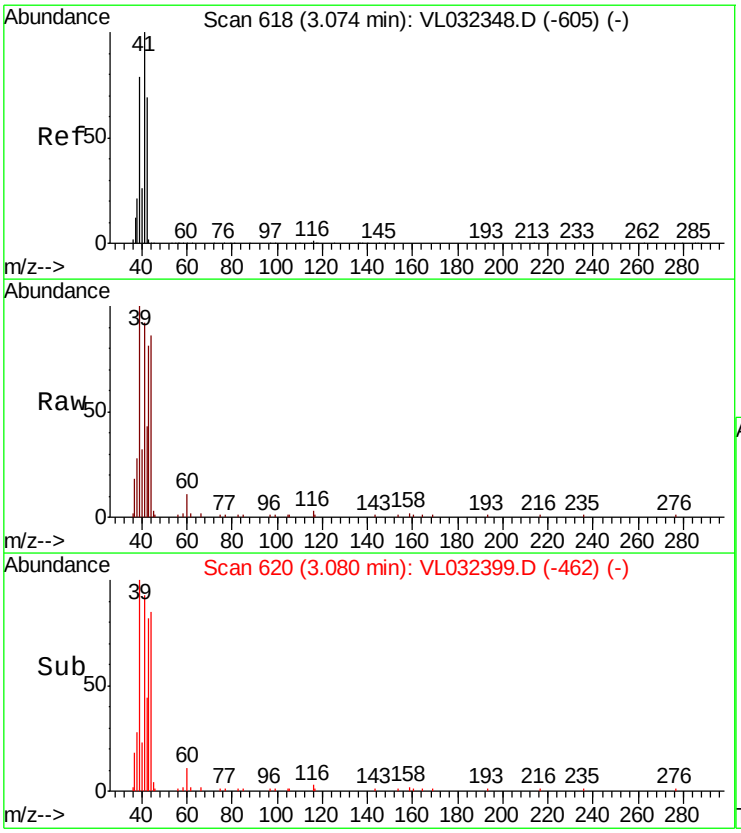
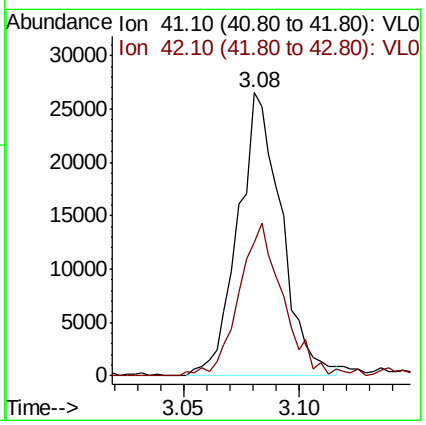
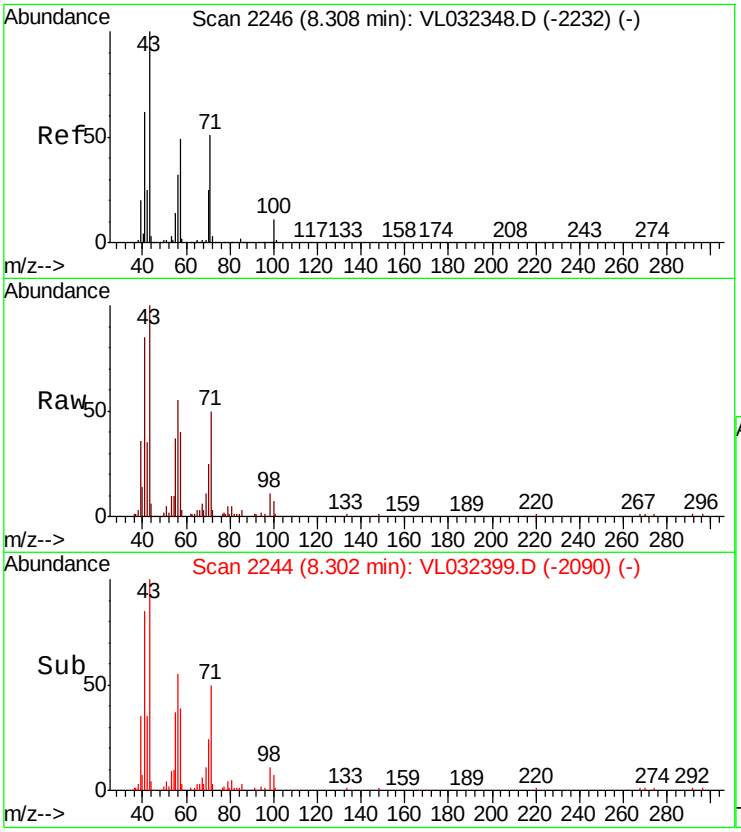


#9
Propene
Concen: 0.49 ppbv
RT: 3.08 min Scan# 620
Delta R.T. 0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 41 Resp: 34520

Ion	Ratio	Lower	Upper
41	100		
42	56.5	55.9	83.9

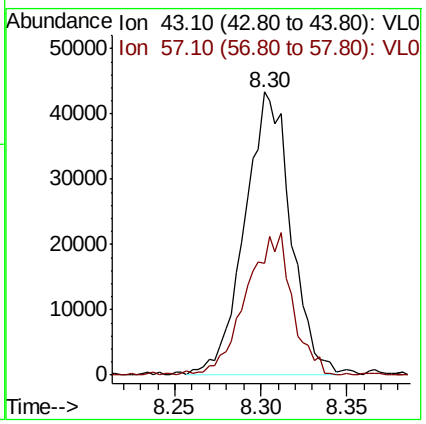




#10
Heptane
Concen: 0.38 ppbv
RT: 8.30 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 43 Resp: 79881

Ion	Ratio	Lower	Upper
43	100		
57	51.4	39.5	59.3



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

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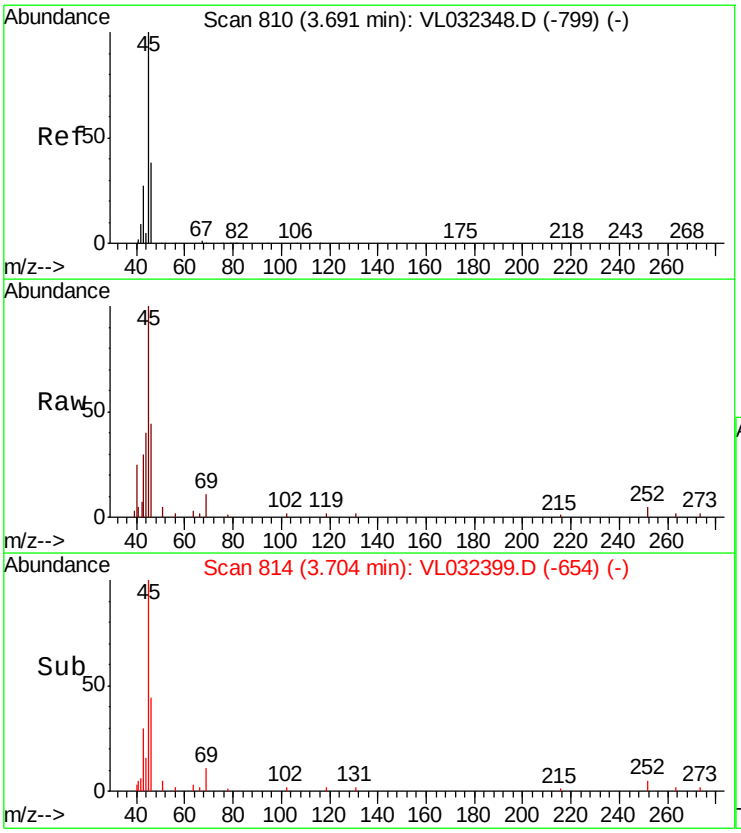
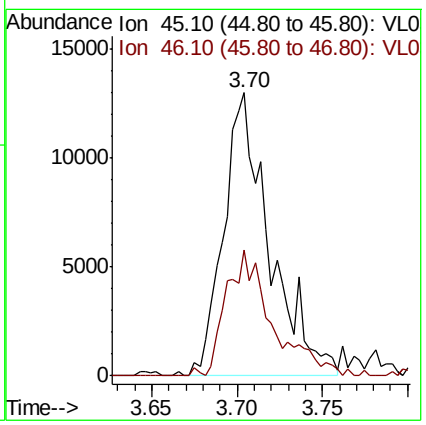
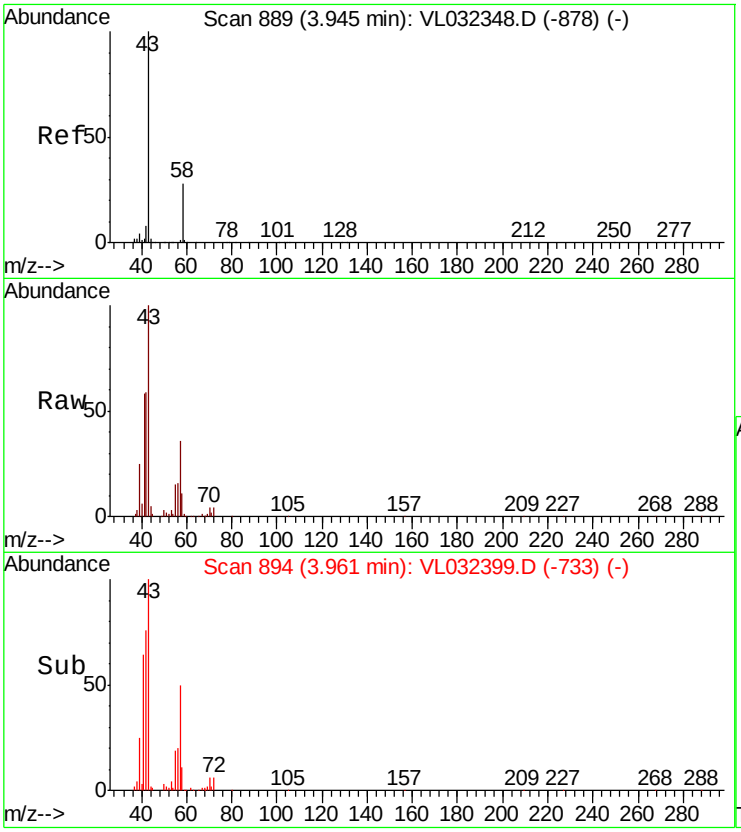


#13
Ethanol
Concen: 1.35 ppbv m
RT: 3.70 min Scan# 814
Delta R.T. 0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 45 Resp: 24418

Ion	Ratio	Lower	Upper
45	100		
46	44.7	15.6	62.4

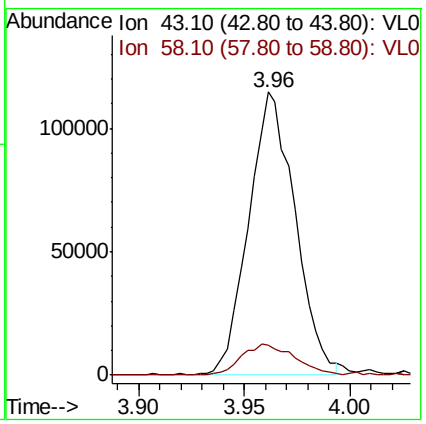




#15
Acetone
Concen: 1.04 ppbv
RT: 3.96 min Scan# 894
Delta R.T. 0.02 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 43 Resp: 175500

Ion	Ratio	Lower	Upper
43	100		
58	13.0	22.4	33.6#



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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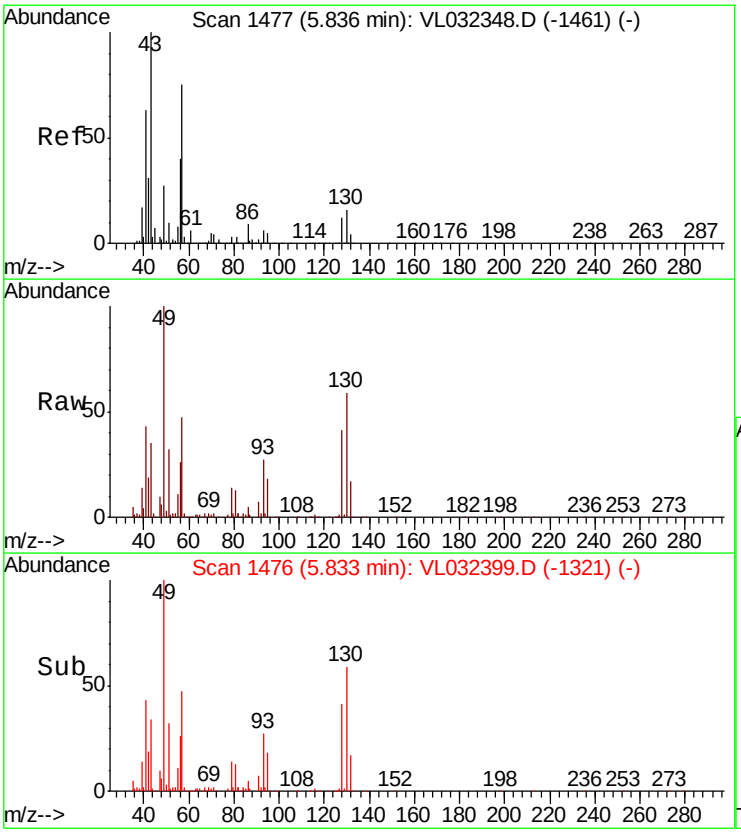
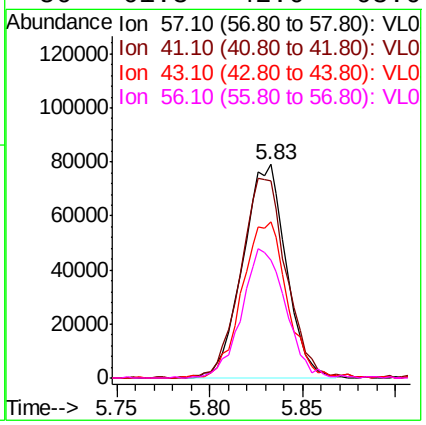
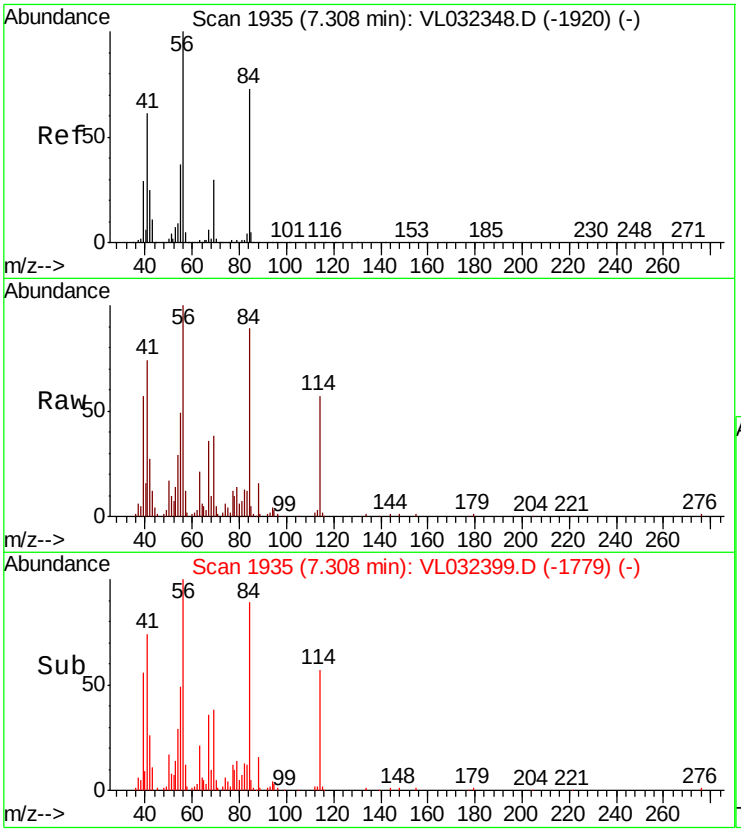


#26
Hexane
Concen: 0.80 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 57 Resp: 128213

Ion	Ratio	Lower	Upper
57	100		
41	99.9	68.0	102.0
43	77.3	175.3	262.9#
56	61.3	42.0	63.0

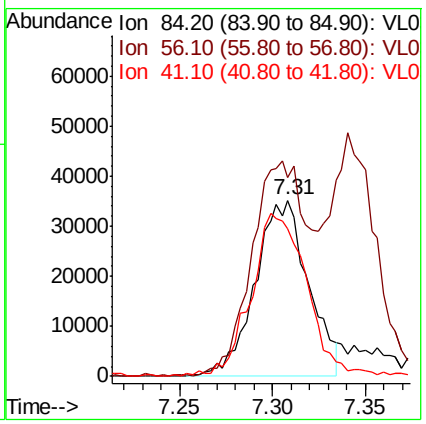




#30
Cyclohexane
Concen: 0.57 ppbv
RT: 7.31 min Scan# 1935
Delta R.T. 0.00 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 84 Resp: 70341

Ion	Ratio	Lower	Upper
84	100		
56	123.6	115.7	173.5
41	97.8	67.9	101.9



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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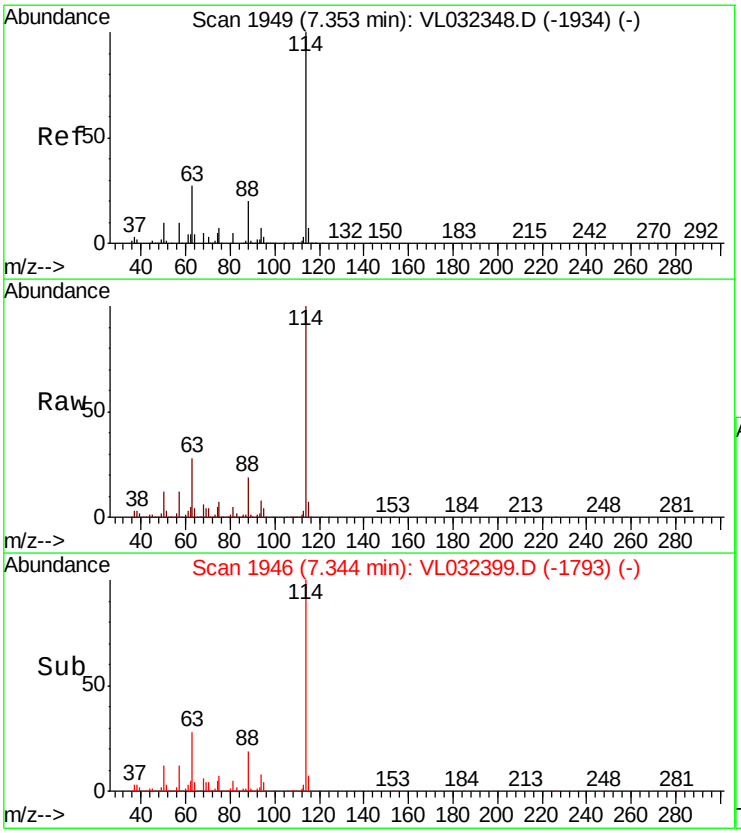
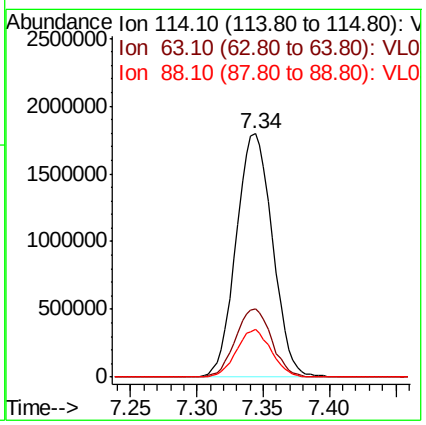
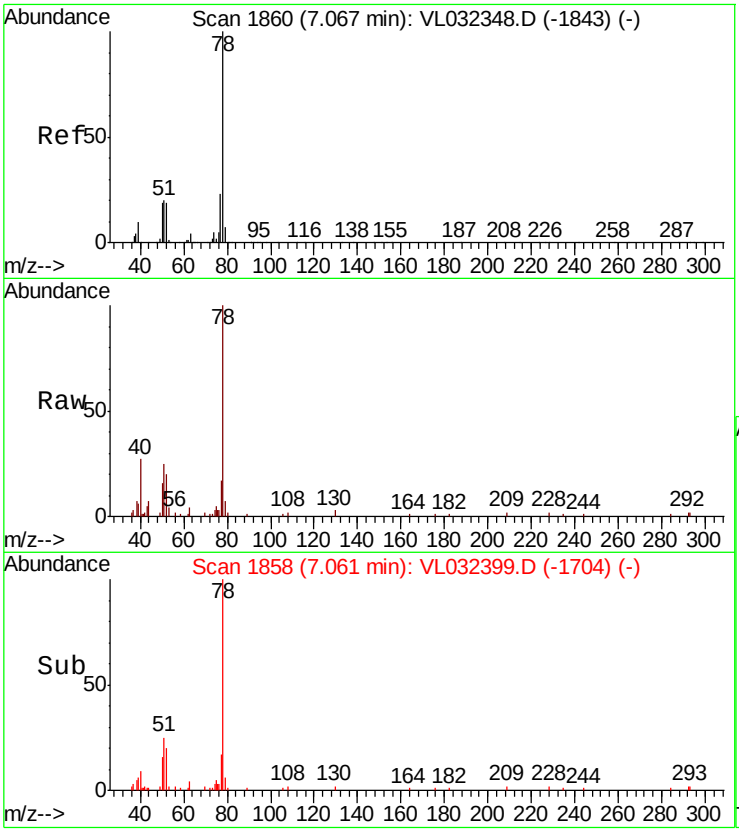


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.34 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion:114 Resp: 3430102

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.0	33.0
88	18.8	15.3	22.9

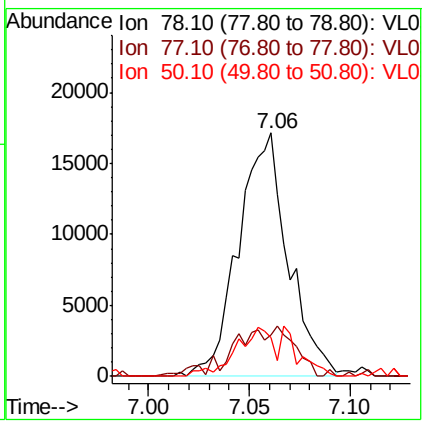




#36
Benzene
Concen: 0.10 ppbv
RT: 7.06 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 78 Resp: 29501

Ion	Ratio	Lower	Upper
78	100		
77	17.0	18.0	27.0#
50	16.0	15.1	22.7



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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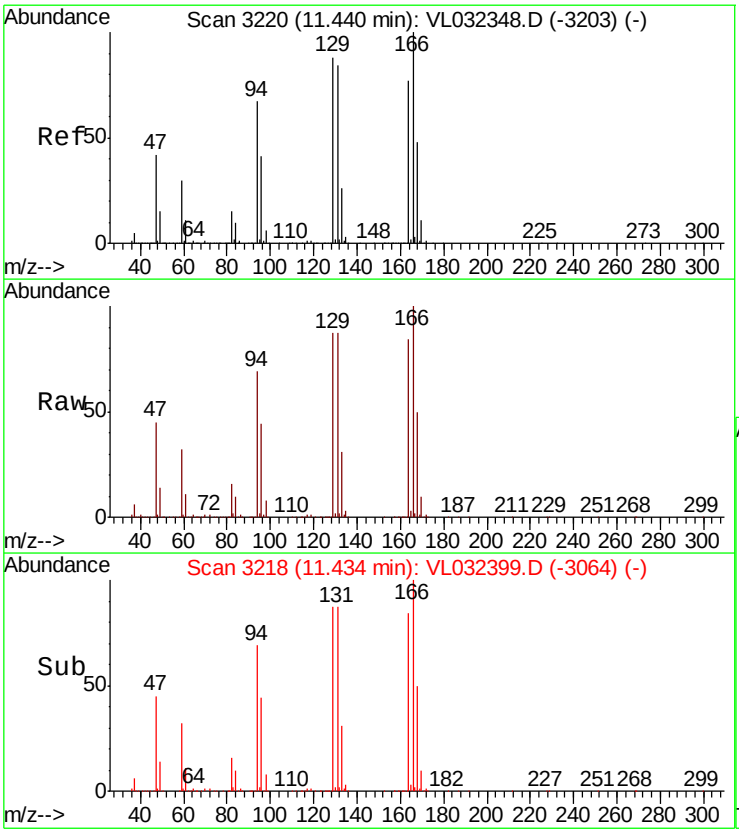
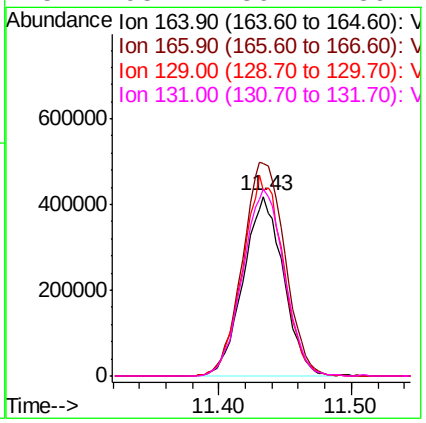
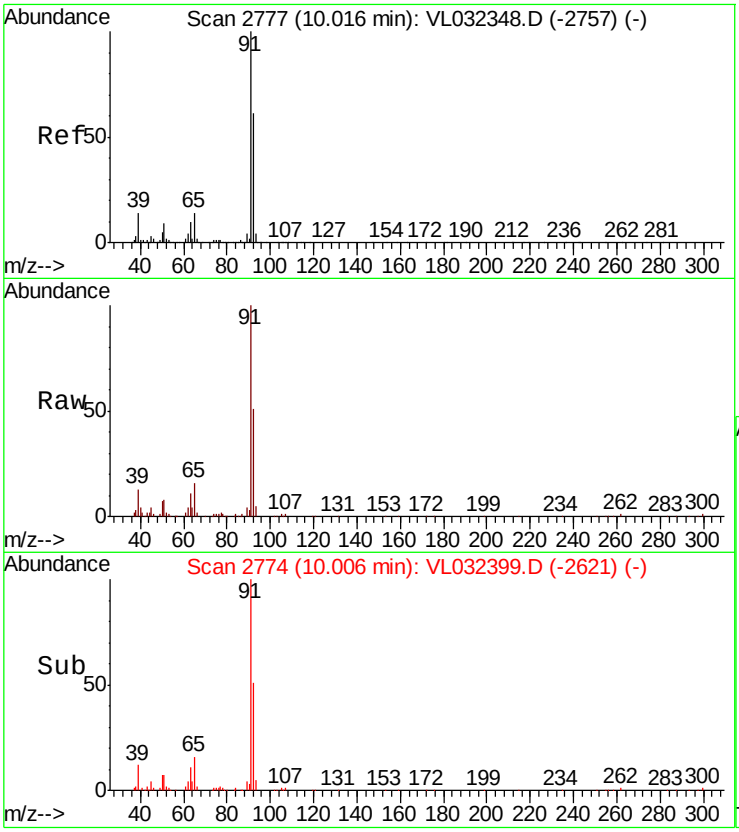


#52
Tetrachloroethene
Concen: 10.23 ppbv
RT: 11.43 min Scan# 3218
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion:164 Resp: 877466

Ion	Ratio	Lower	Upper
164	100		
166	118.6	103.5	155.3
129	103.4	90.9	136.3
131	103.7	86.7	130.1





#53
Toluene
Concen: 0.56 ppbv
RT: 10.01 min Scan# 2774
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 91 Resp: 180099

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.7	73.1

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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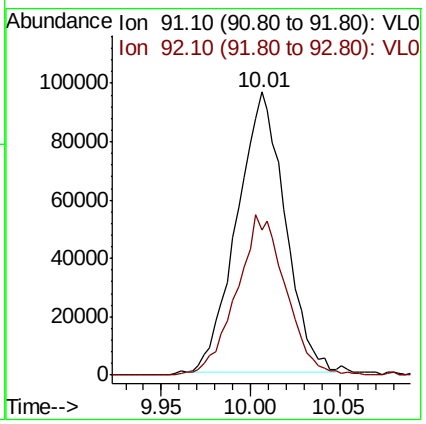
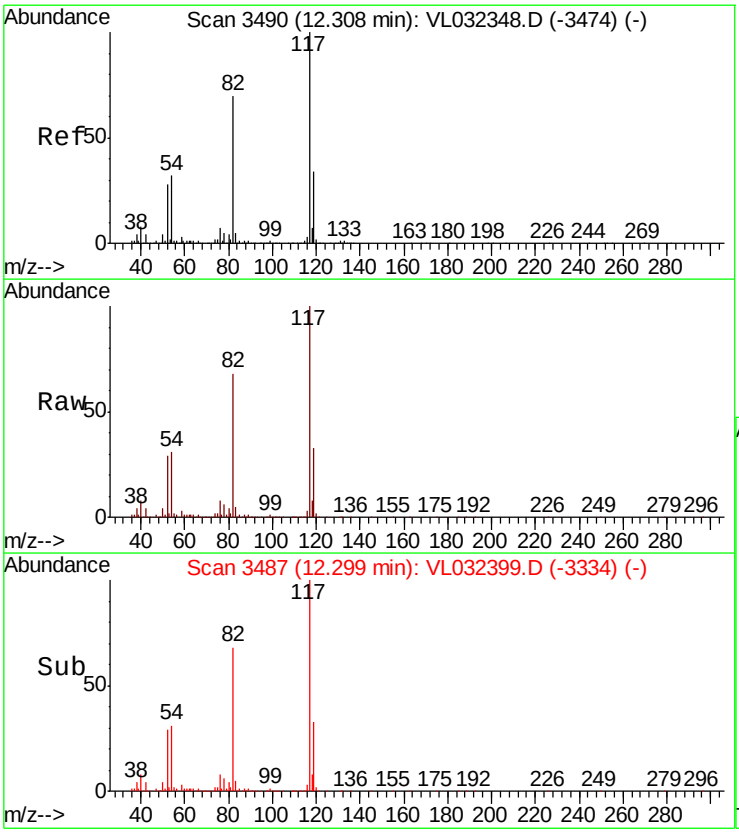
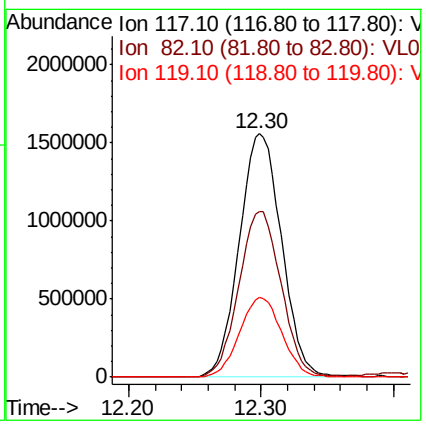


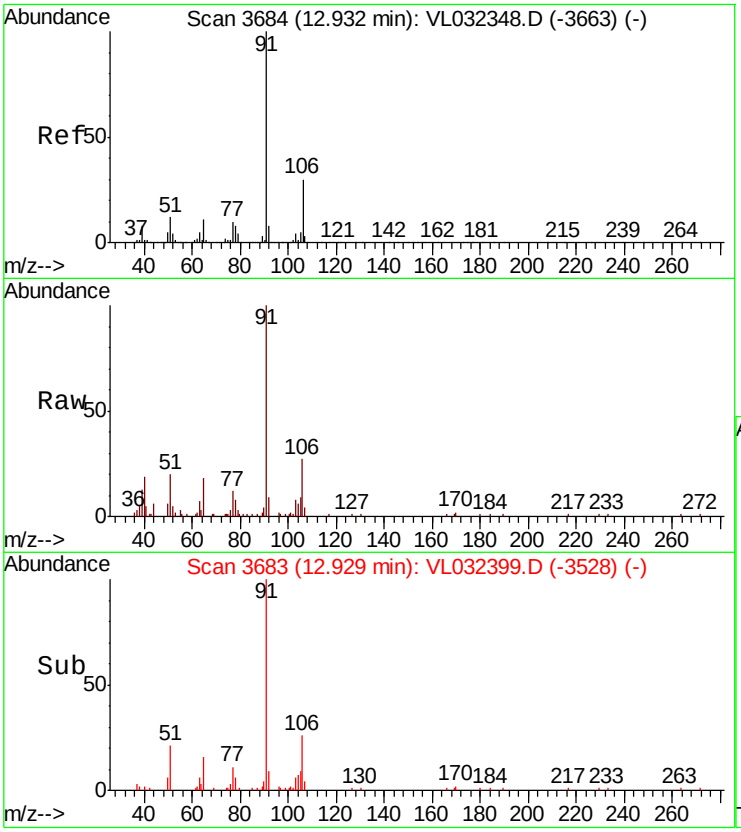


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3487
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion:117 Resp: 3444998

Ion	Ratio	Lower	Upper
117	100		
82	68.1	55.1	82.7
119	32.9	46.0	69.0#





#58
Ethyl Benzene
Concen: 0.13 ppbv m
RT: 12.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 91 Resp: 53079

Ion	Ratio	Lower	Upper
91	100		
106	26.6	24.3	36.5

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
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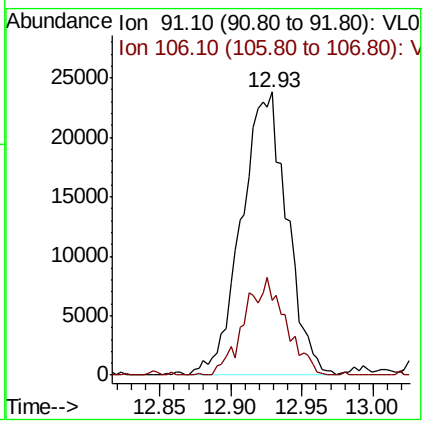
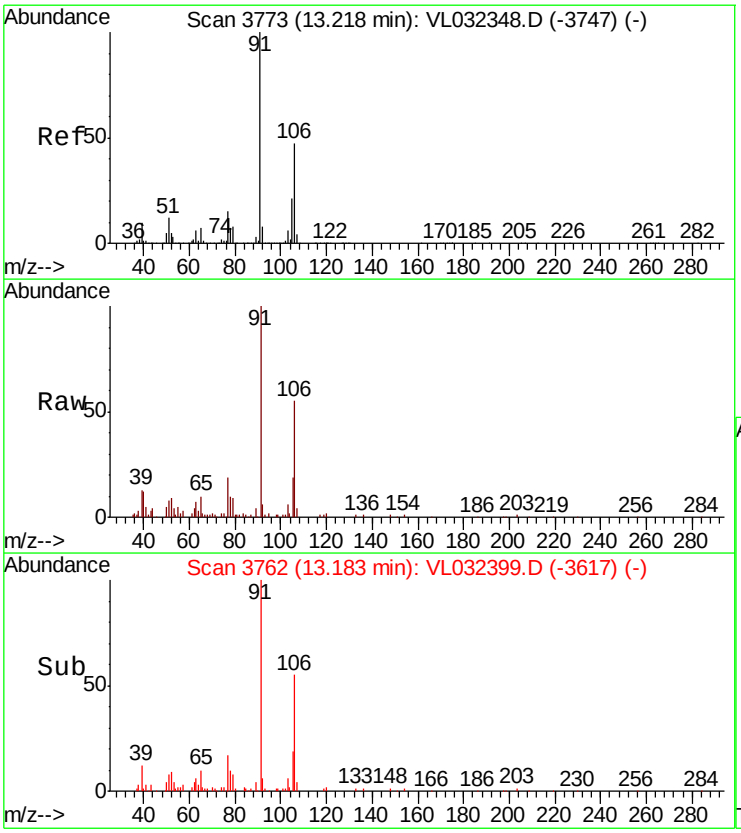
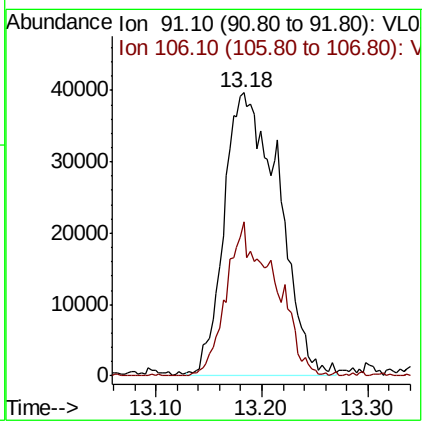


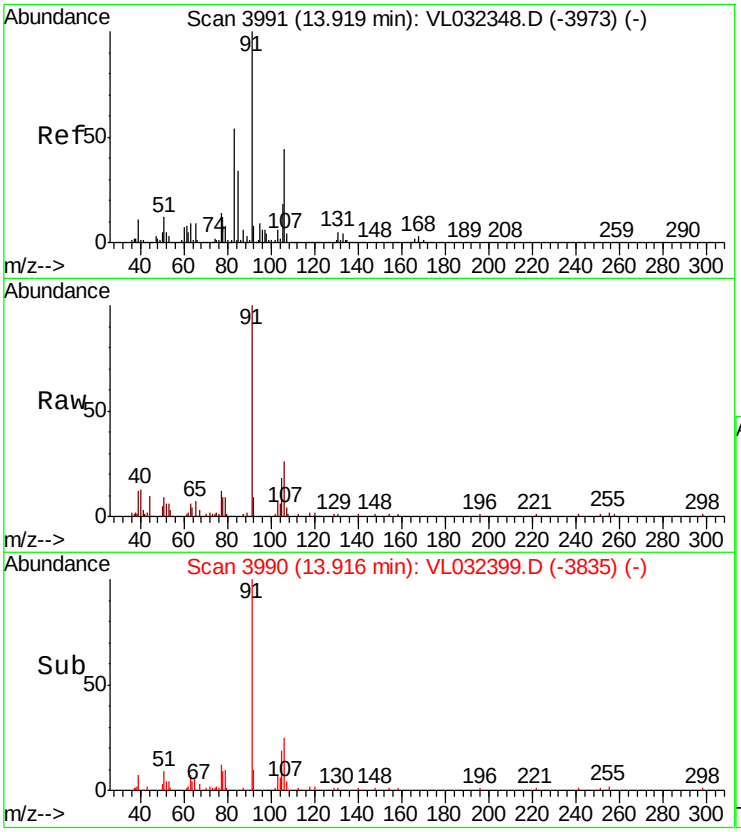


#59
m/p-Xylene
Concen: 0.40 ppbv m
RT: 13.18 min Scan# 3762
Delta R.T. -0.04 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 91 Resp: 142082

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.0	55.4#

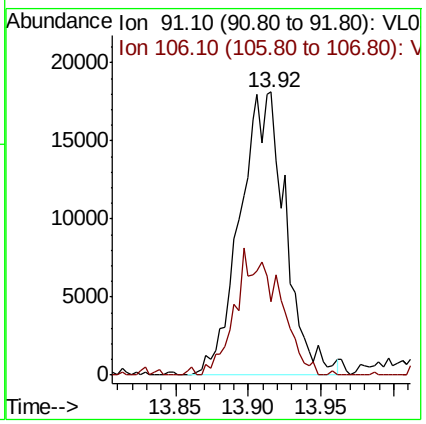




#60
o-Xylene
Concen: 0.11 ppbv m
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 91 Resp: 39624

Ion	Ratio	Lower	Upper
91	100		
106	43.0	22.3	66.8



Instrument :
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Manual Integrations APPROVED
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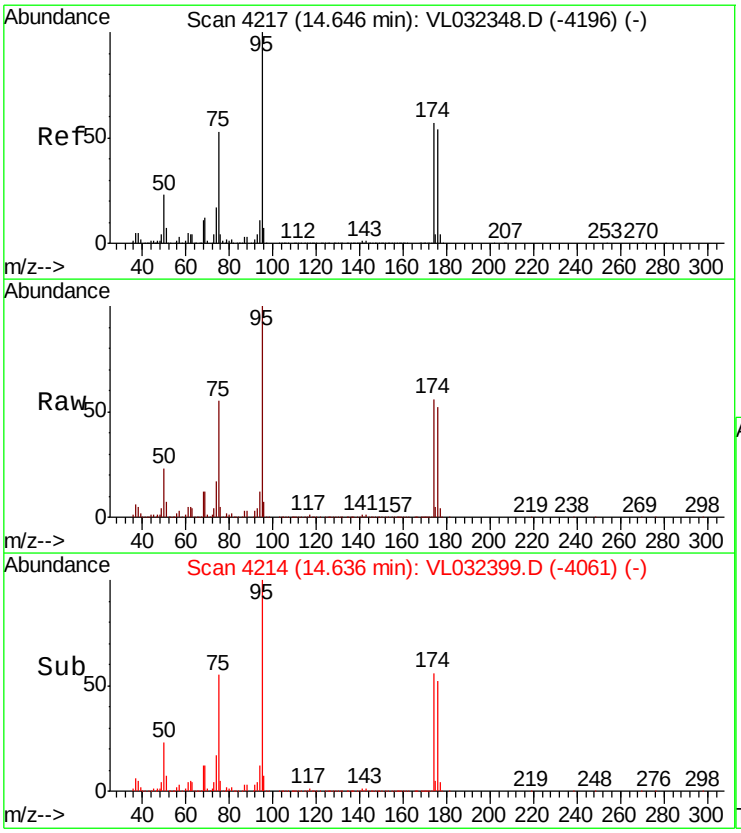
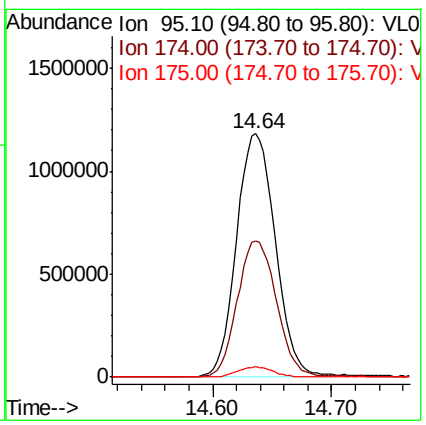
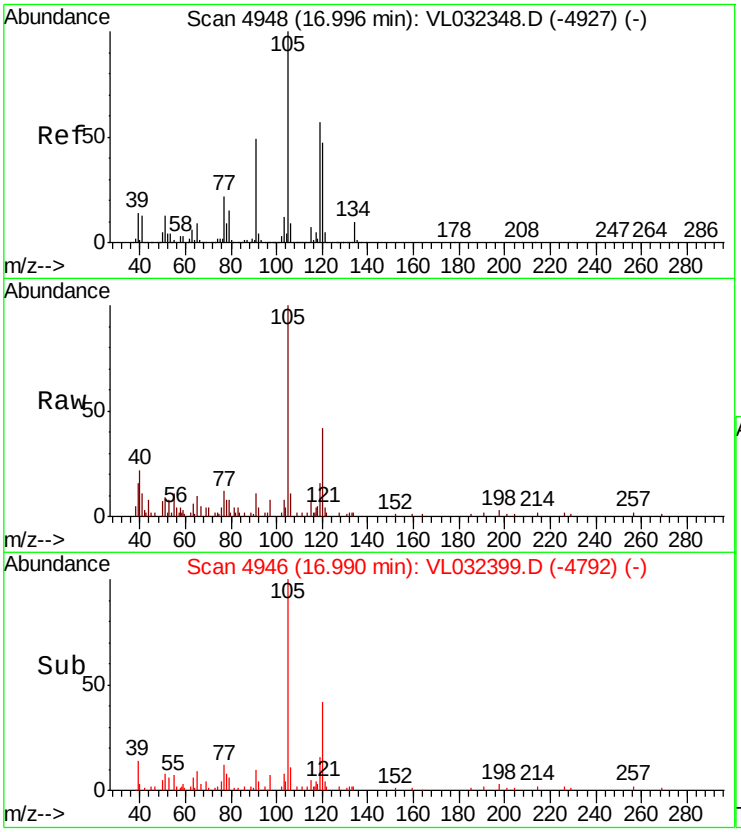


#68
1-Bromo-4-Fluorobenzene
Concen: 10.19 ppbv
RT: 14.64 min Scan# 4214
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion: 95 Resp: 2679196

Ion	Ratio	Lower	Upper
95	100		
174	57.2	46.2	69.4
175	4.1	3.4	5.0

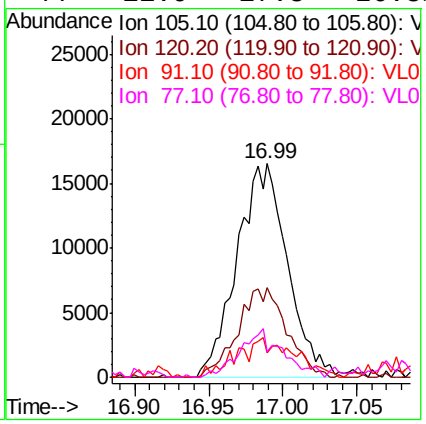




#74
1,2,4-Trimethylbenzene
Concen: 0.10 ppbv m
RT: 16.99 min Scan# 4946
Delta R.T. -0.01 min
Lab File: VL032399.D
Acq: 17 Aug 2018 8:46

Tgt Ion:105 Resp: 38880

Ion	Ratio	Lower	Upper
105	100		
120	42.2	37.6	56.4
91	11.2	39.9	59.9#
77	11.9	17.8	26.8#



Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL2

Manual Integrations APPROVED
MMDadoda
8/20/2018 3:12:02 PM