Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033516.D
Acq On : 30 Mar 2019 00:14
Operator : SY/AP
Sample : K2042-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-7-NEAR-SCHOOL-ENTRANCED

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:03:24 AM

Quant Time: Mar 30 03:29:43 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	834457	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1953639	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1969118	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1518795	9.84	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%				
Target Compounds							Qvalue
9) Propene	3.05	41	16259m	0.403	ppbv		
13) Ethanol	3.65	45	407869	39.068	ppbv		63
15) Acetone	3.90	43	153044	1.525	ppbv		97
19) Isopropyl Alcohol	4.03	45	24023	0.379	ppbv	#	90
20) Methylene Chloride	4.41	84	34993	0.822	ppbv		91
26) Hexane	5.78	57	31445	0.380	ppbv	#	37
34) 2-Butanone	5.34	43	11928m	0.102	ppbv		
53) Toluene	9.95	91	58616	0.308	ppbv		100

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

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Manual Integrations APPROVED
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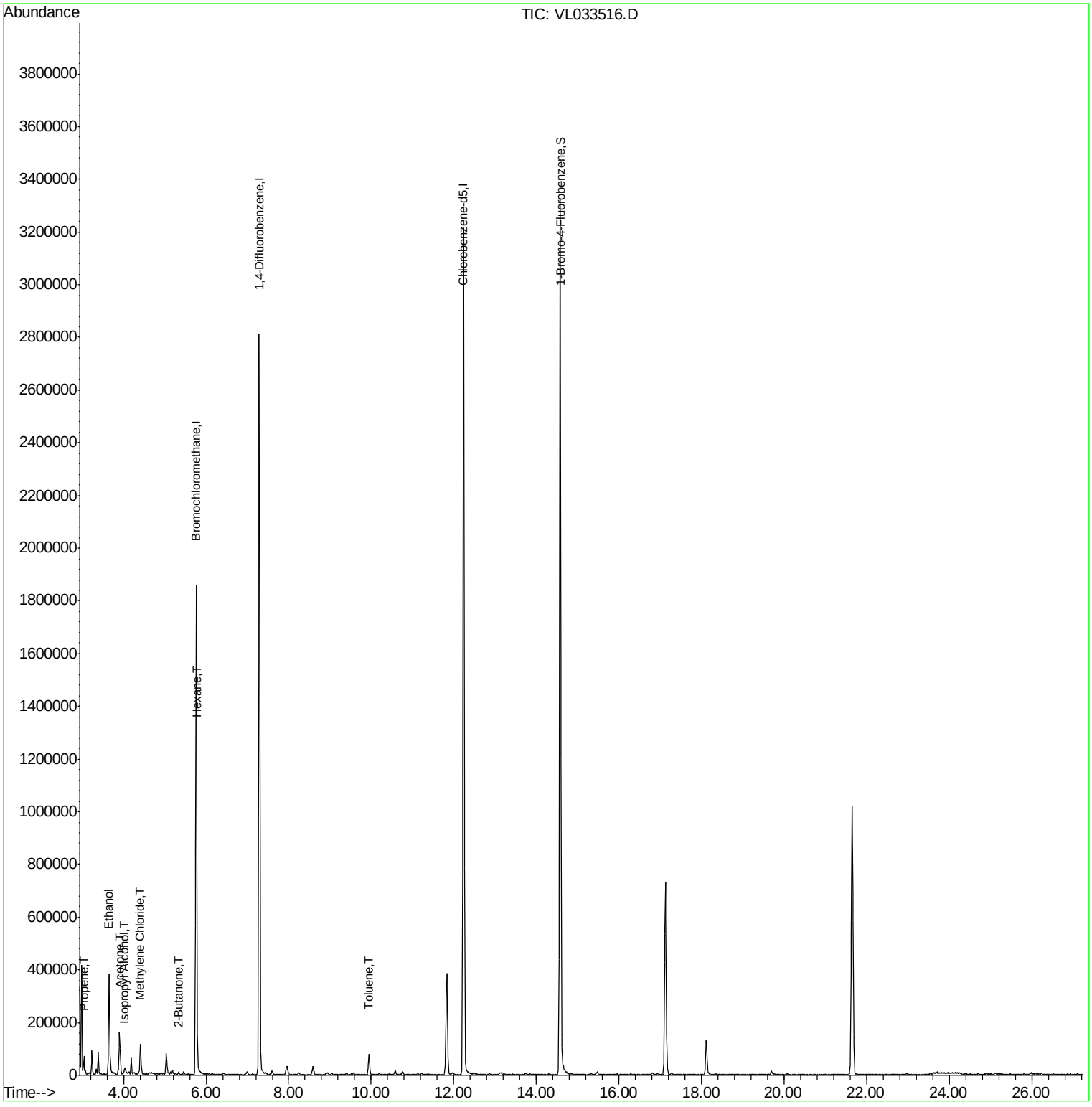
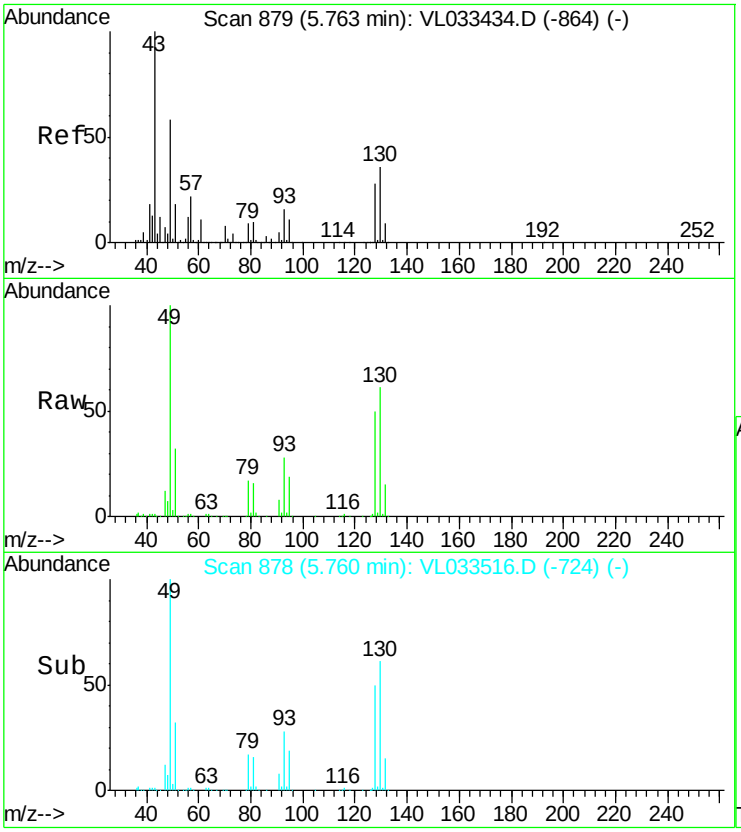
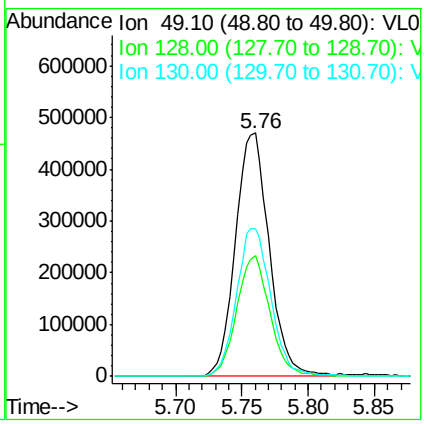




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 49 Resp: 834457

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.0	72.0
130	61.9	31.2	93.6



Instrument :
MSVOA_L
ClientSampleId :
SG-7-NEAR-SCHOOL-ENTRANCED

Manual Integrations APPROVED
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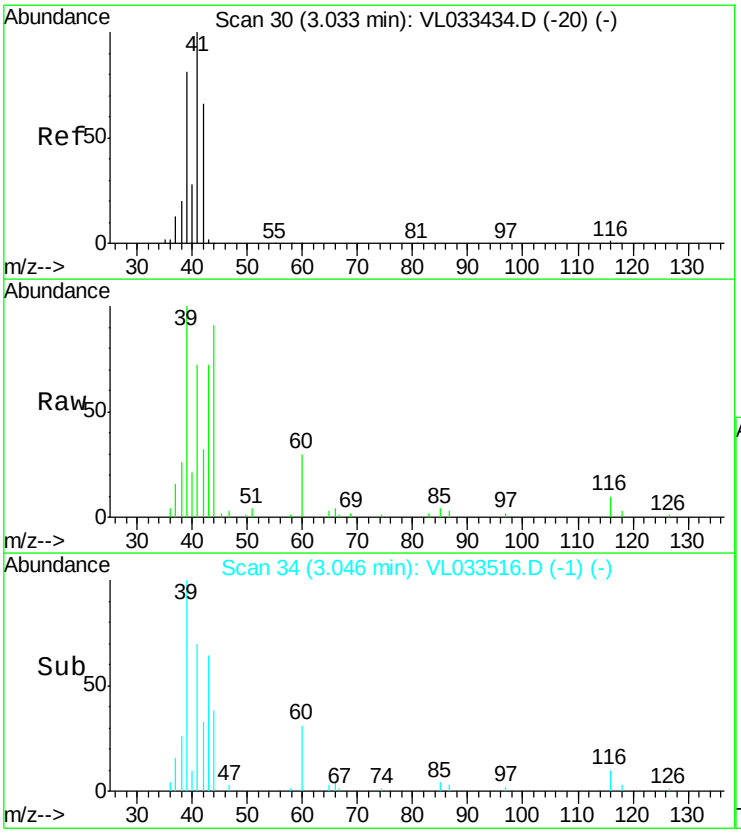
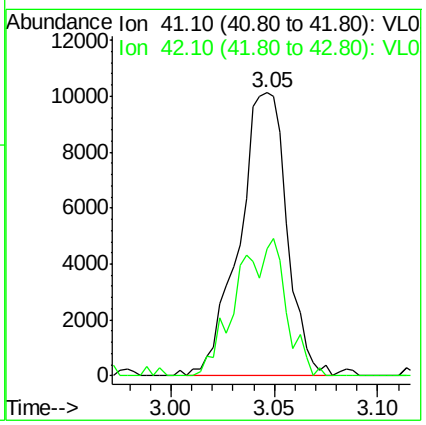
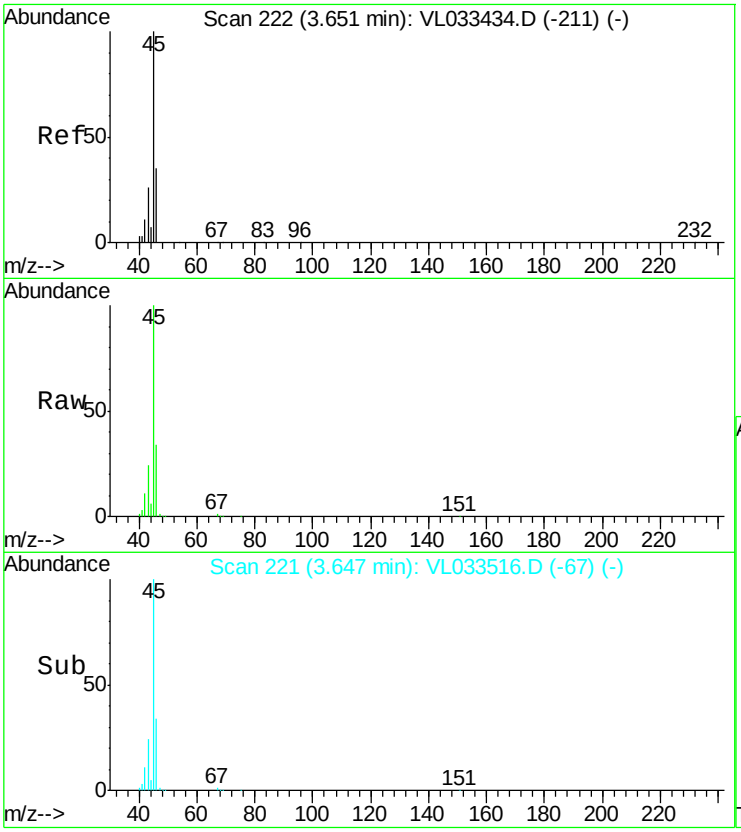


#9
Propene
Concen: 0.403 ppbv m
RT: 3.05 min Scan# 34
Delta R.T. 0.01 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 41 Resp: 16259

Ion	Ratio	Lower	Upper
41	100		
42	90.6	53.9	80.9#

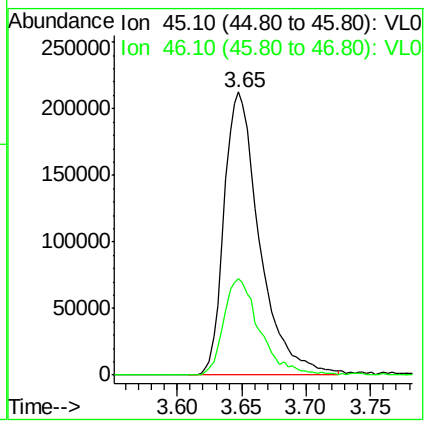




#13
Ethanol
Concen: 39.068 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 45 Resp: 407869

Ion	Ratio	Lower	Upper
45	100		
46	35.1	25.4	101.8



Instrument :
MSVOA_L
ClientSampleId :
SG-7-NEAR-SCHOOL-ENTRANCED

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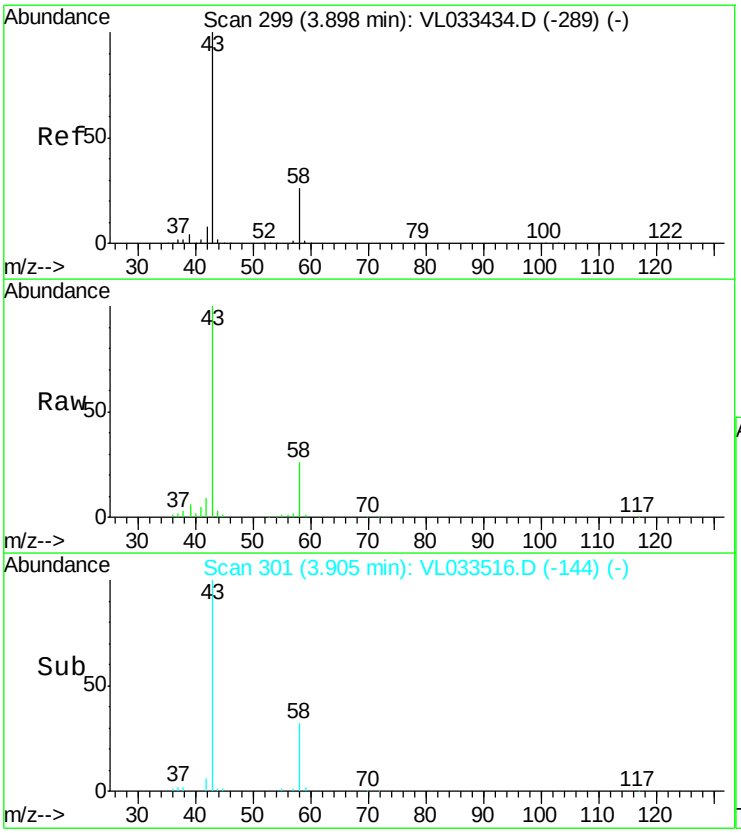
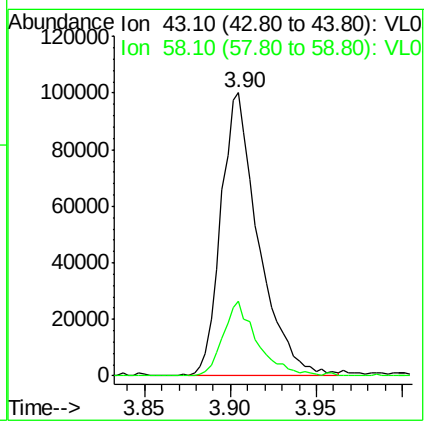
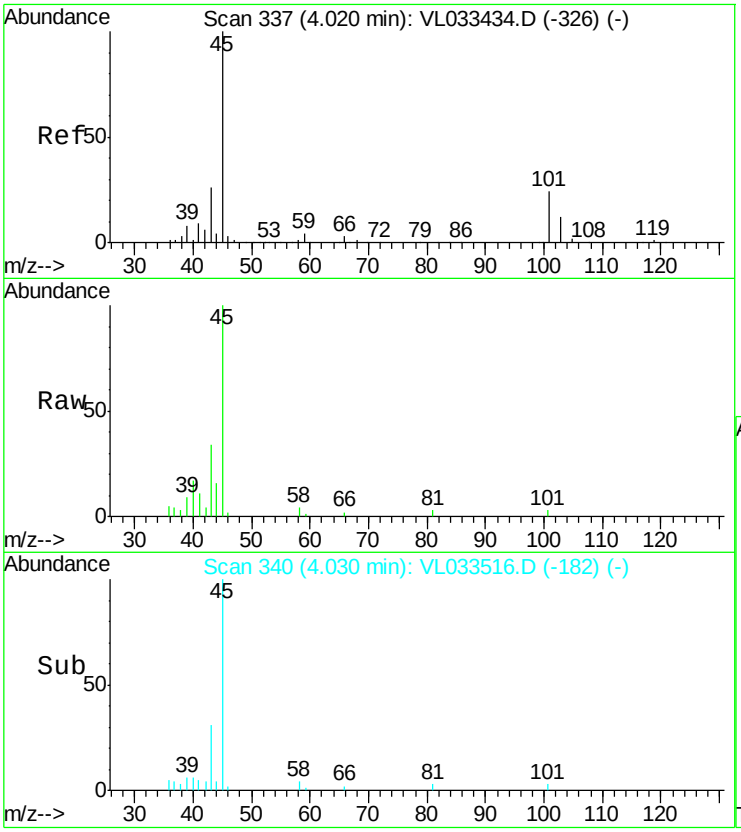


#15
Acetone
Concen: 1.525 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 43 Resp: 153044

Ion	Ratio	Lower	Upper
43	100		
58	24.2	20.5	30.7





#19
Isopropyl Alcohol
Concen: 0.379 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 45 Resp: 24023

Ion	Ratio	Lower	Upper
45	100		
58	5.5	1.4	2.2#

Instrument :
MSVOA_L
ClientSampleId :
SG-7-NEAR-SCHOOL-ENTRANCED

Manual Integrations APPROVED
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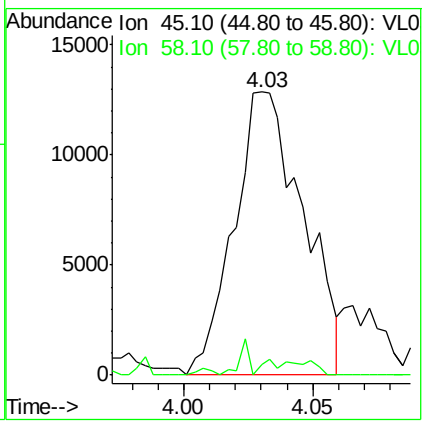
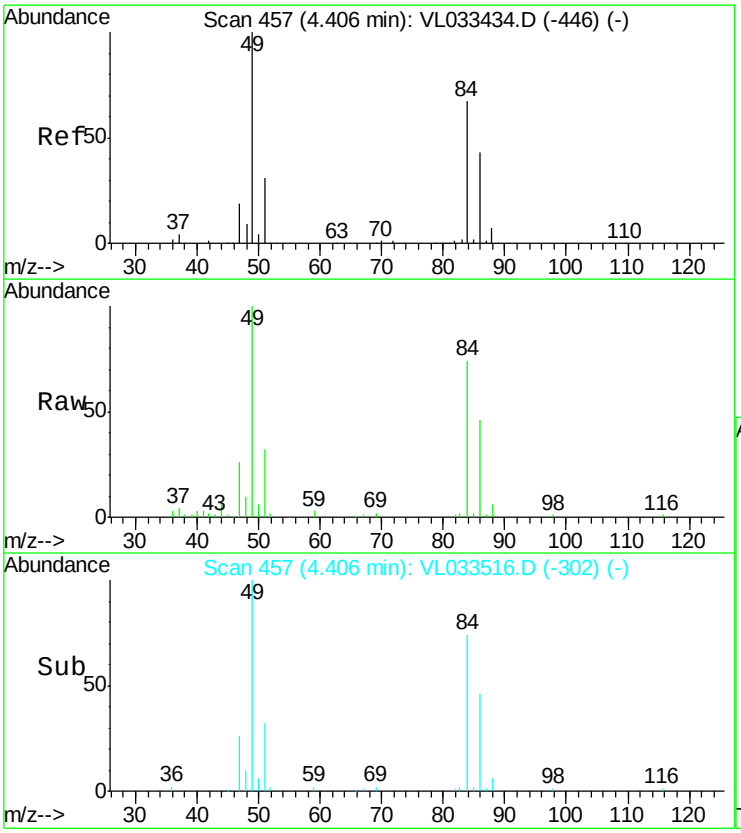
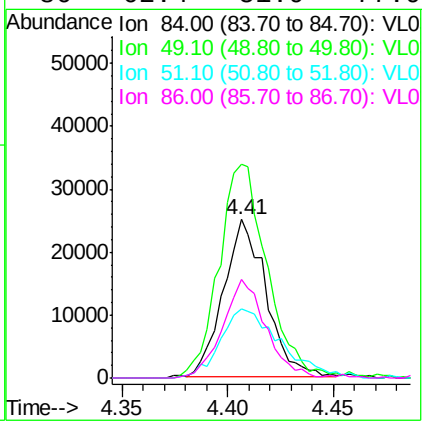


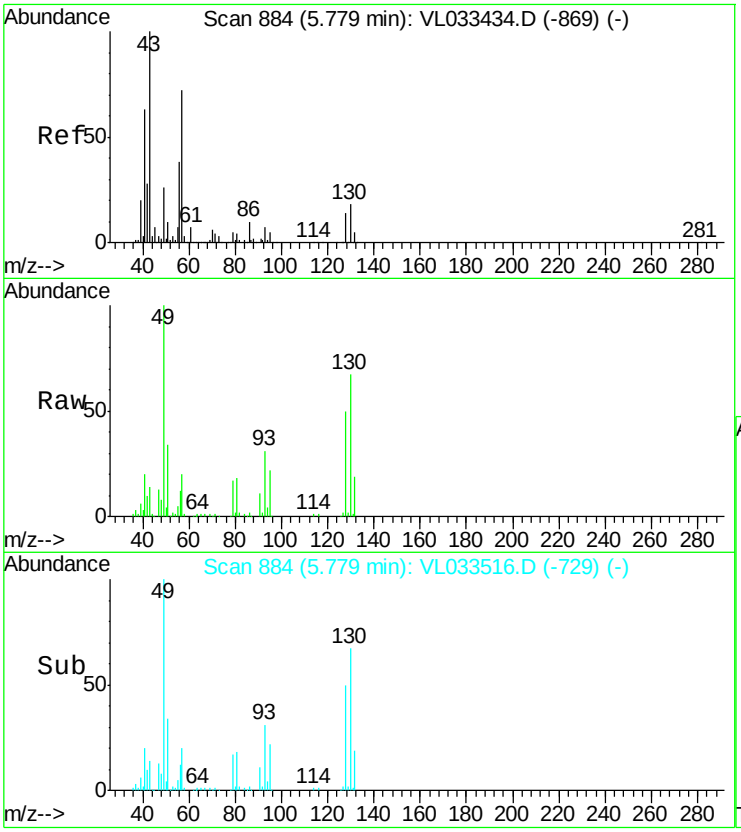


#20
Methylene Chloride
Concen: 0.822 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 84 Resp: 34993

Ion	Ratio	Lower	Upper
84	100		
49	133.5	120.0	180.0
51	44.7	36.7	55.1
86	62.4	51.9	77.9

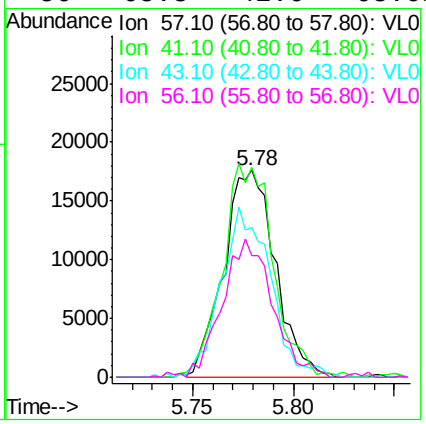




#26
Hexane
Concen: 0.380 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 57 Resp: 31445

Ion	Ratio	Lower	Upper
57	100		
41	102.4	70.7	106.1
43	78.5	182.6	274.0#
56	65.8	42.0	63.0#



Instrument :
MSVOA_L
ClientSampleId :
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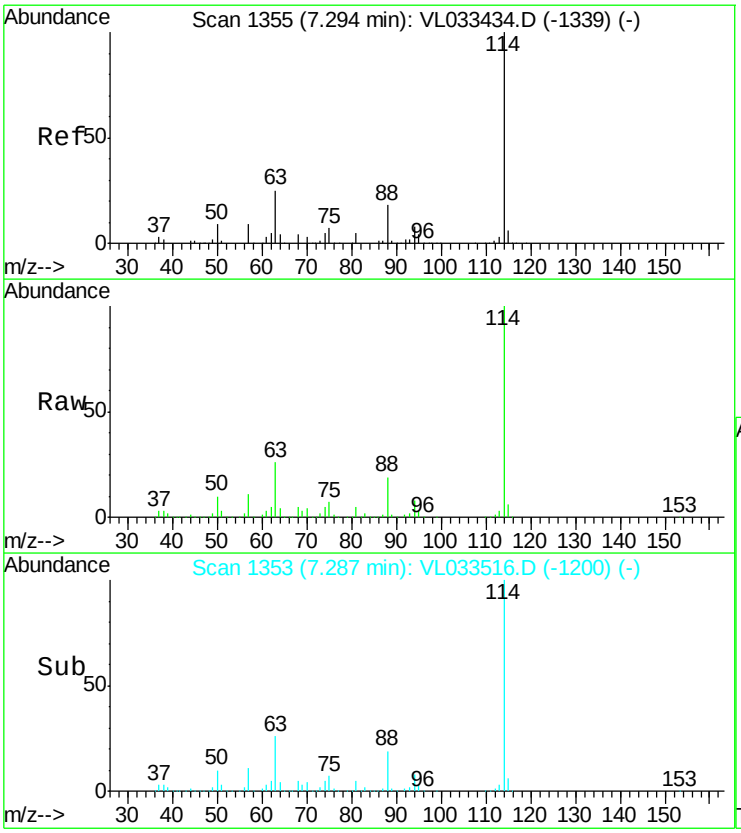
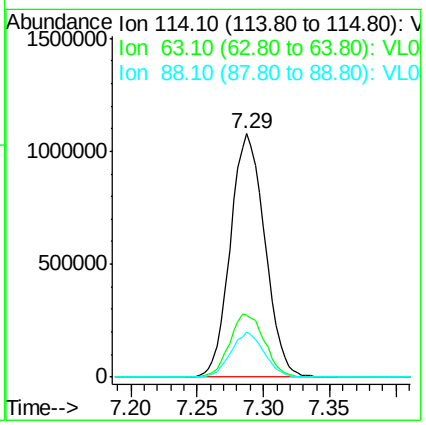
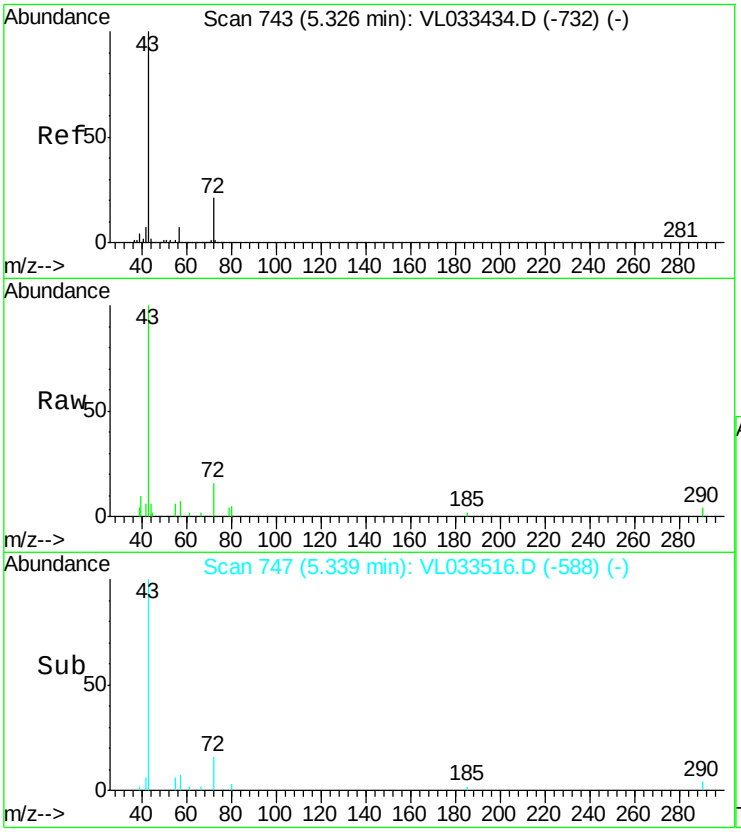


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion:114 Resp: 1953639

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.5	32.3
88	17.9	14.5	21.7

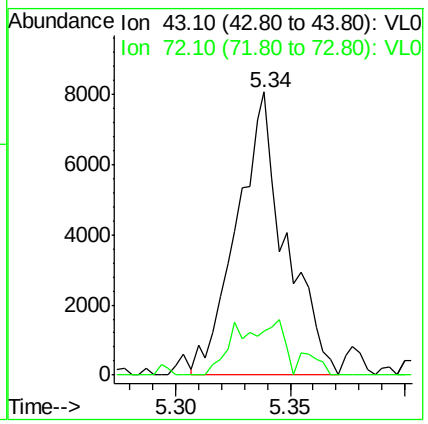




#34
2-Butanone
Concen: 0.102 ppbv m
RT: 5.34 min Scan# 747
Delta R.T. 0.01 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 43 Resp: 11928

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.4	26.2



Instrument :
MSVOA_L
ClientSampleId :
SG-7-NEAR-SCHOOL-ENTRANCED

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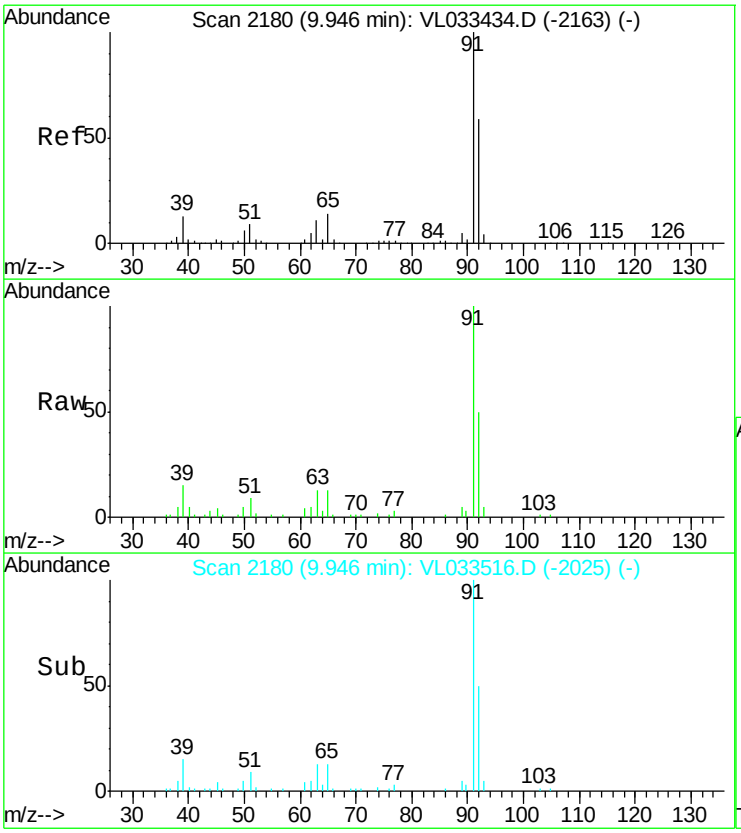
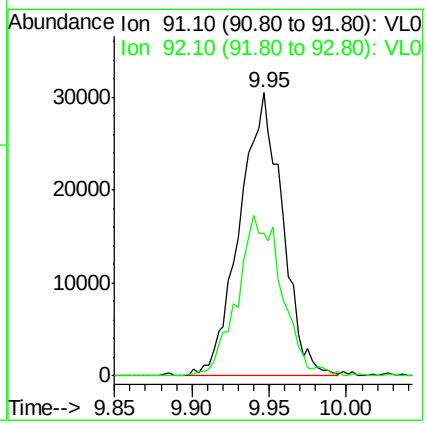
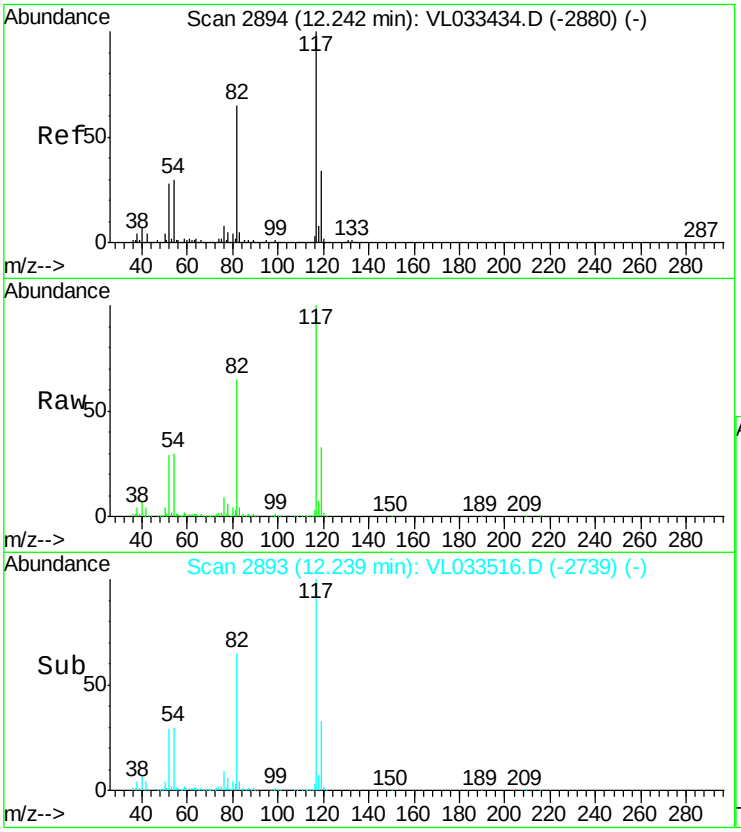


#53
Toluene
Concen: 0.308 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 91 Resp: 58616

Ion	Ratio	Lower	Upper
91	100		
92	59.1	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: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion:117 Resp: 1969118

Ion	Ratio	Lower	Upper
117	100		
82	66.9	51.5	77.3
119	32.3	25.5	38.3

Instrument :
MSVOA_L
ClientSampleId :
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Manual Integrations APPROVED
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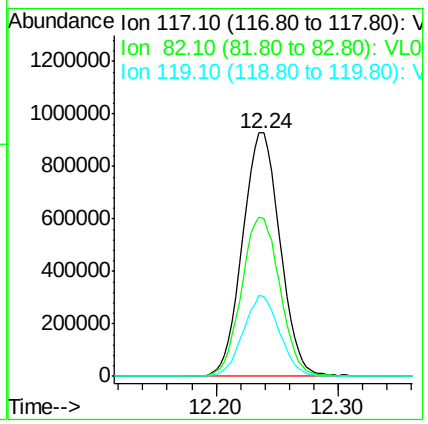
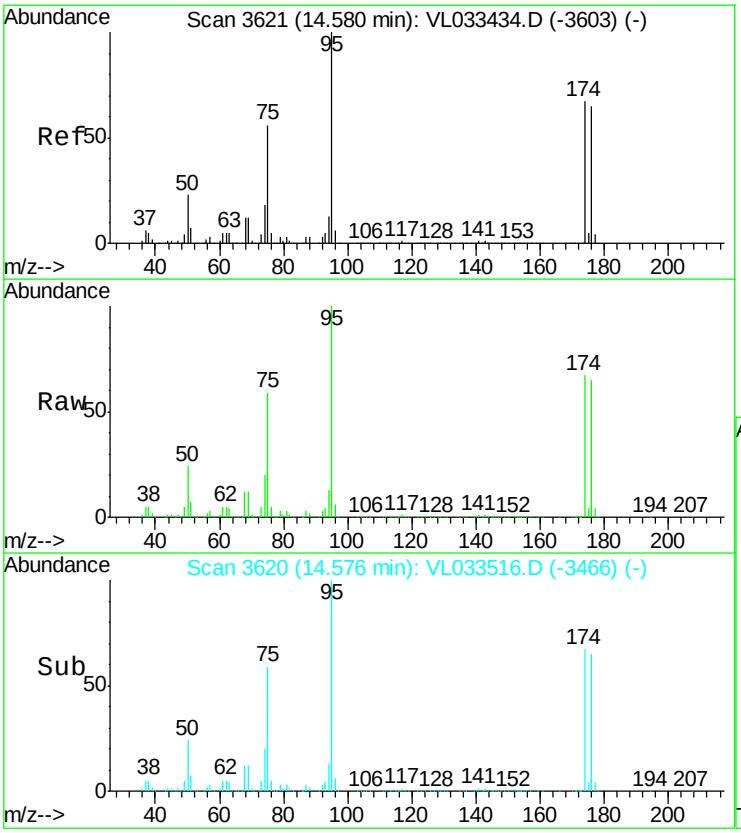
4/1/2019 4:03:24 AM





#68
1-Bromo-4-Fluorobenzene
Concen: 9.839 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033516.D
Acq: 30 Mar 2019 00:14

Tgt Ion: 95 Resp: 1518795

Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.9	79.3
175	4.8	3.8	5.6