Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032278.D
Acq On : 19 Jul 2018 2:27
Operator : SY/AP
Sample : J3454-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
MMDadoda
7/20/2018 2:53:24 PM

Quant Time: Jul 19 04:35:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 1
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.84	49	1667821	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.37	114	3425781	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.33	117	4035754	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.67	95	3160299	9.66	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.60%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.04	51	112966	0.60	ppbv	#	69
13) Ethanol	3.72	45	157412	6.74	ppbv		100
15) Acetone	3.97	43	185157	1.06	ppbv		96
19) Isopropyl Alcohol	4.11	45	33650	0.29	ppbv	#	88
20) Methylene Chloride	4.47	84	29111	0.43	ppbv	#	96
26) Hexane	5.86	57	233689	1.34	ppbv	#	43

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

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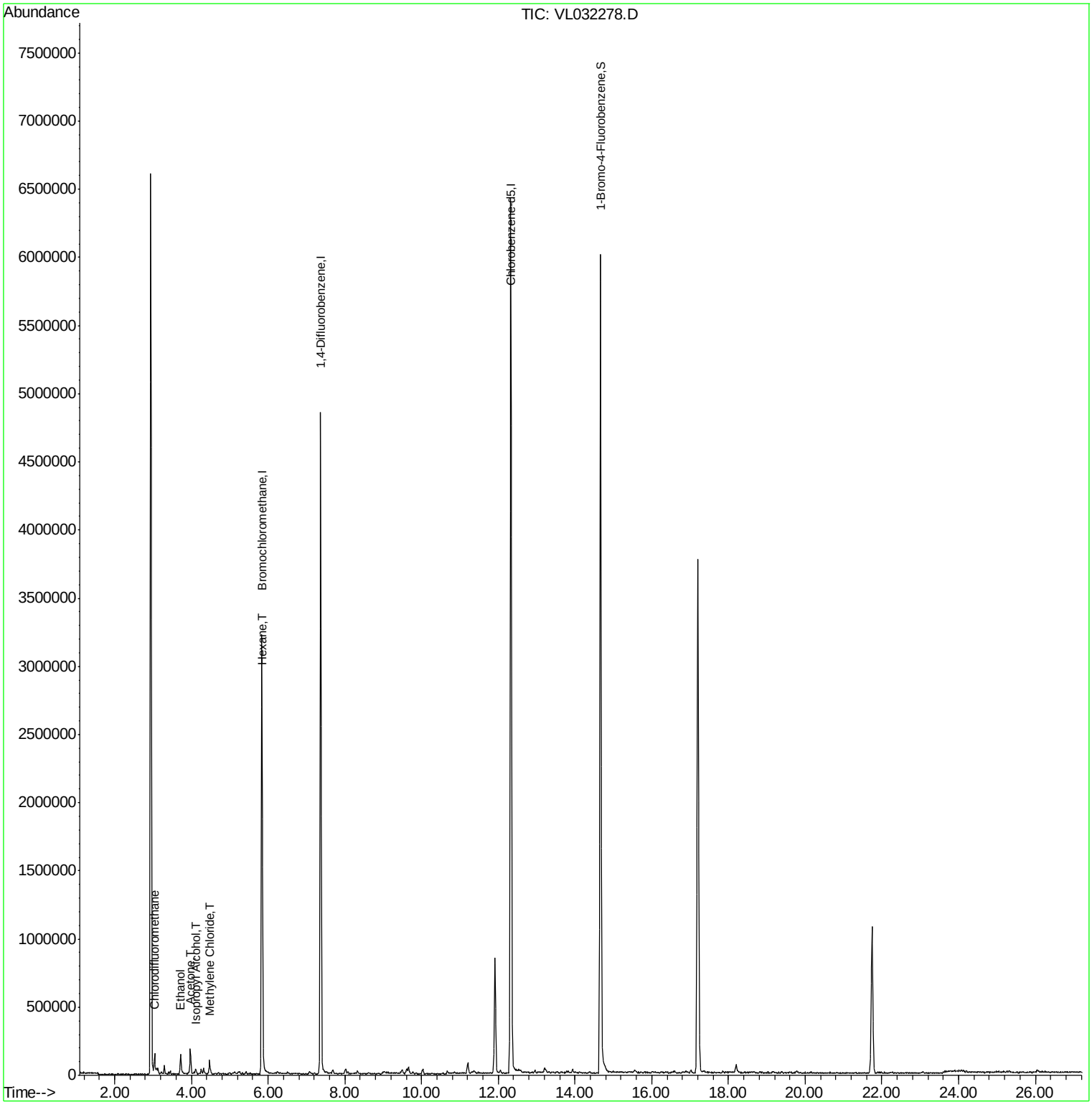
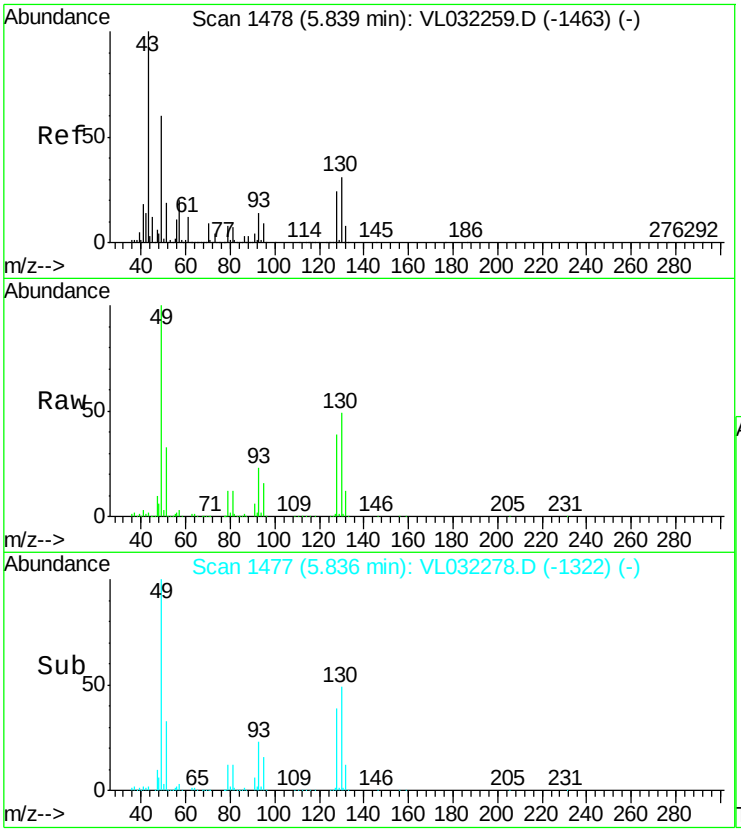
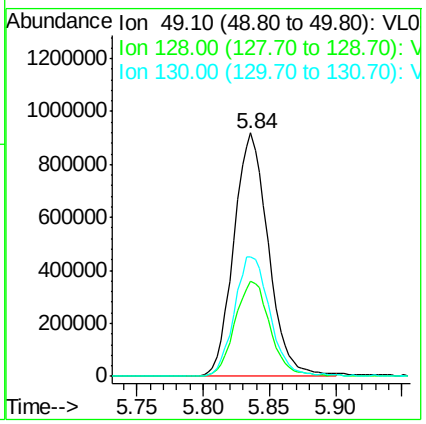




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 49 Resp: 1667821

Ion	Ratio	Lower	Upper
49	100		
128	40.1	20.1	60.2
130	51.4	25.9	77.6



Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
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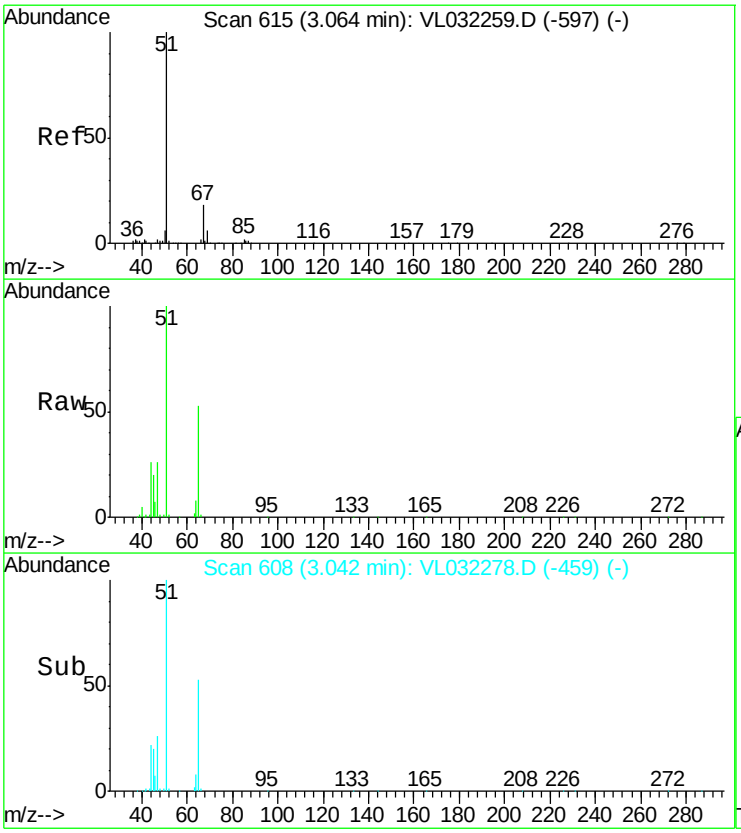
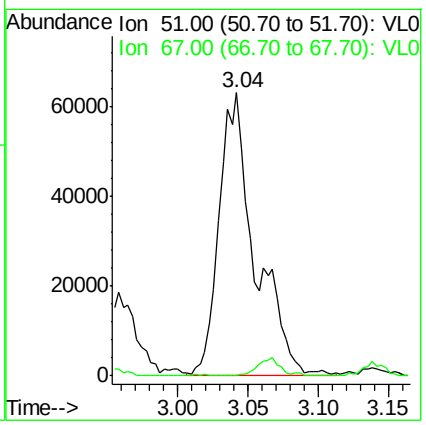
7/20/2018 2:53:24 PM

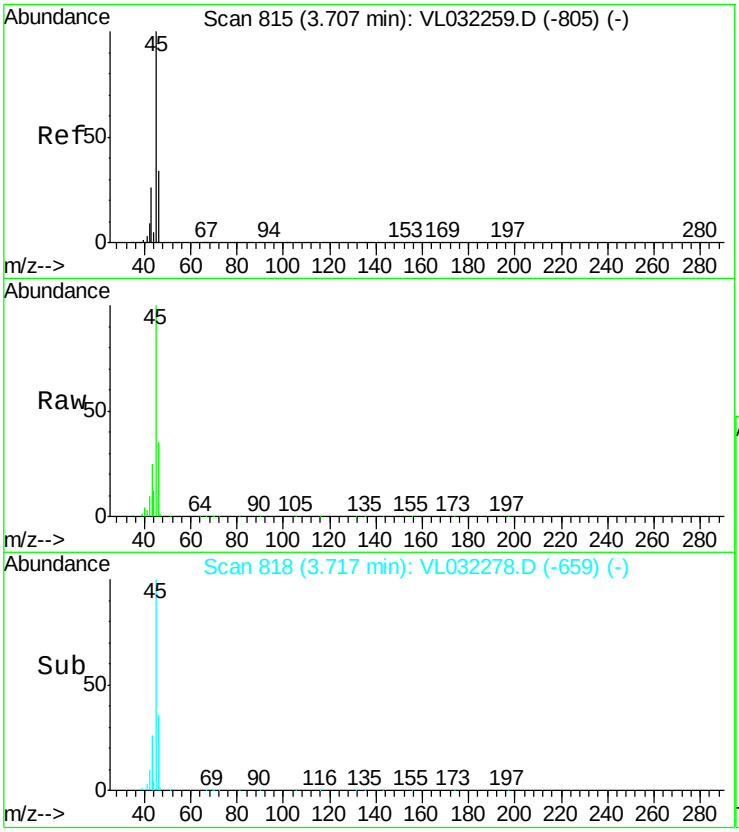


#3
Chlorodifluoromethane
Concen: 0.60 ppbv
RT: 3.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 51 Resp: 112966

Ion	Ratio	Lower	Upper
51	100		
67	4.2	14.2	21.4#

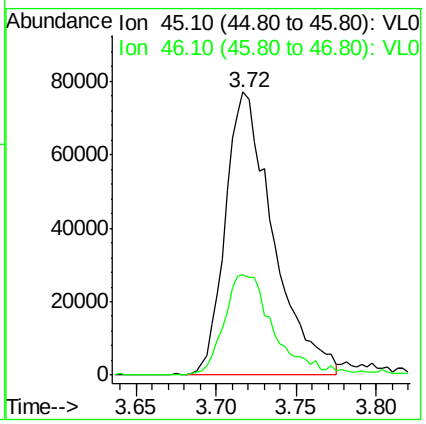




#13
Ethanol
Concen: 6.74 ppbv
RT: 3.72 min Scan# 818
Delta R.T. 0.01 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 45 Resp: 157412

Ion	Ratio	Lower	Upper
45	100		
46	38.0	15.2	60.8



Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
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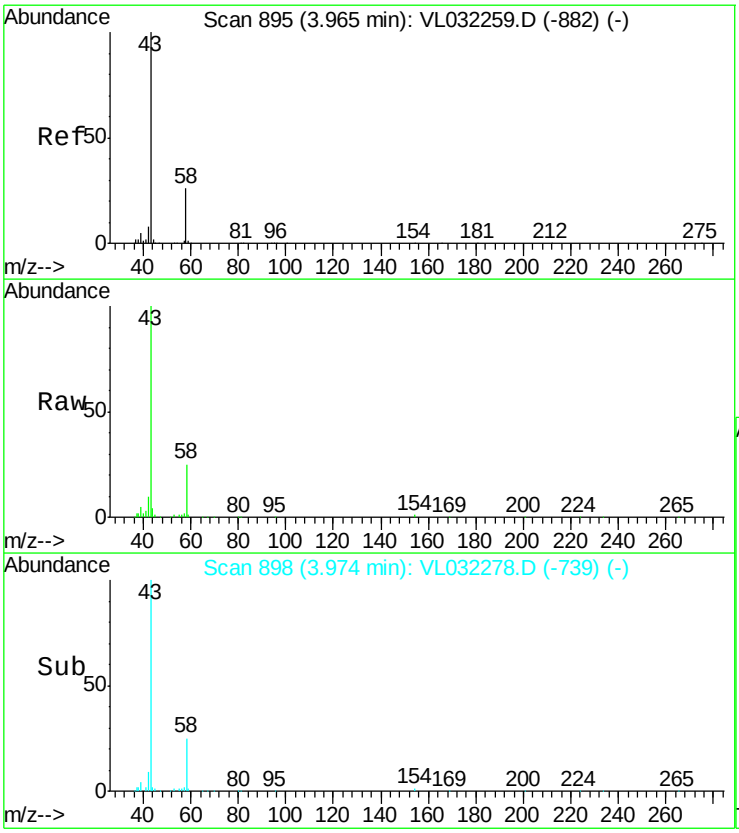
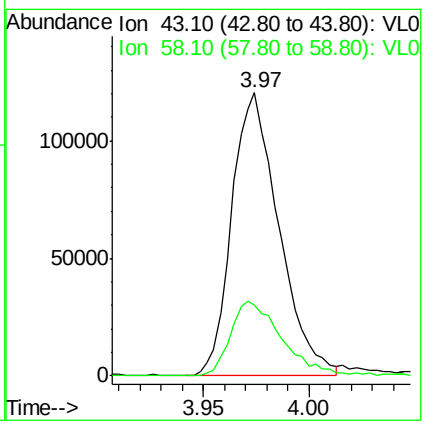
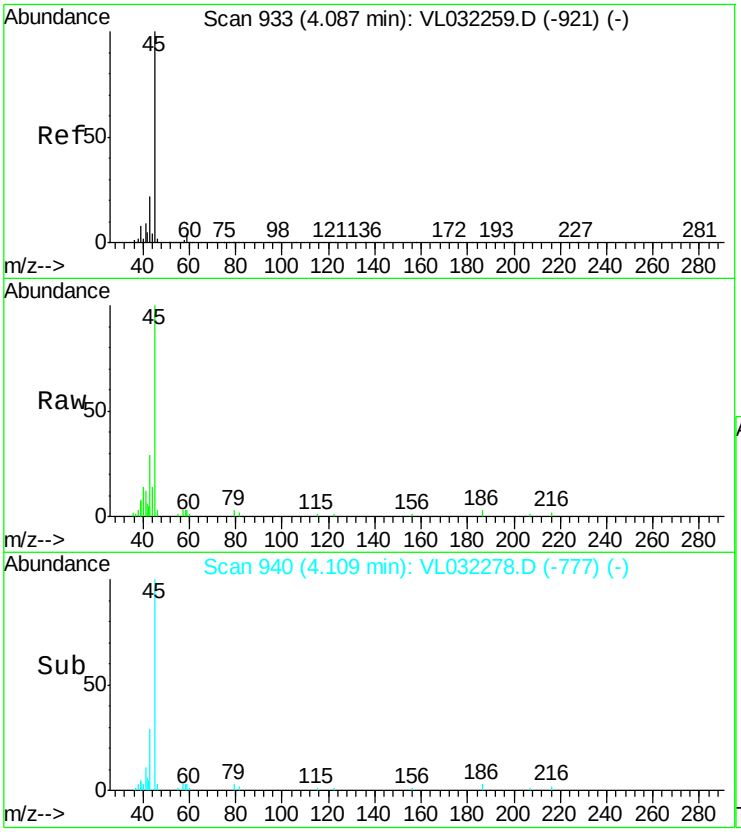


#15
Acetone
Concen: 1.06 ppbv
RT: 3.97 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 43 Resp: 185157

Ion	Ratio	Lower	Upper
43	100		
58	29.4	21.8	32.6

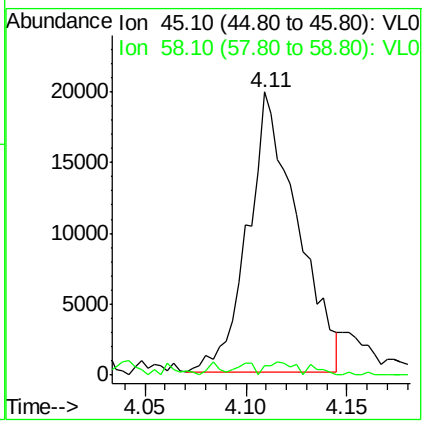




#19
Isopropyl Alcohol
Concen: 0.29 ppbv
RT: 4.11 min Scan# 940
Delta R.T. 0.02 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 45 Resp: 33650

Ion	Ratio	Lower	Upper
45	100		
58	6.3	1.5	2.3#



Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
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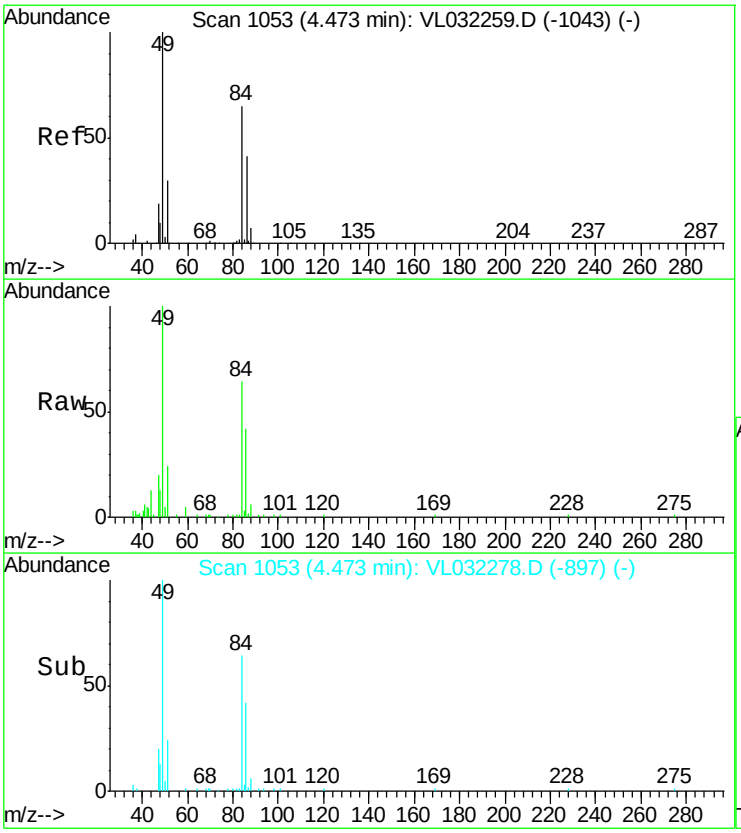
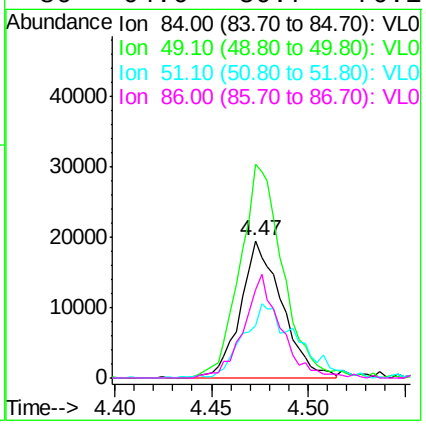
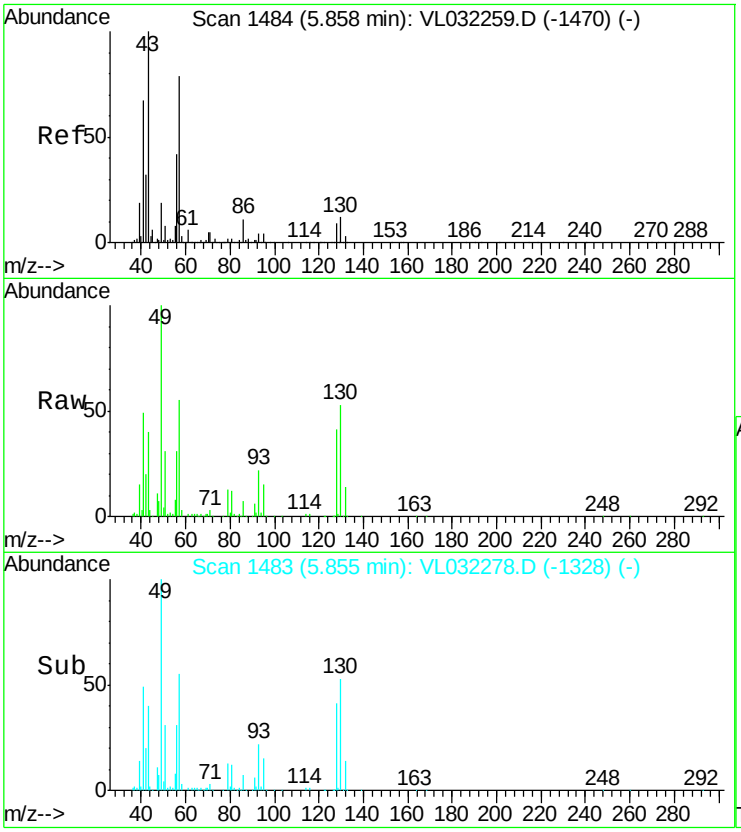


#20
Methylene Chloride
Concen: 0.43 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 84 Resp: 29111

Ion	Ratio	Lower	Upper
84	100		
49	155.3	122.4	183.6
51	36.7	36.8	55.2#
86	64.6	50.7	76.1

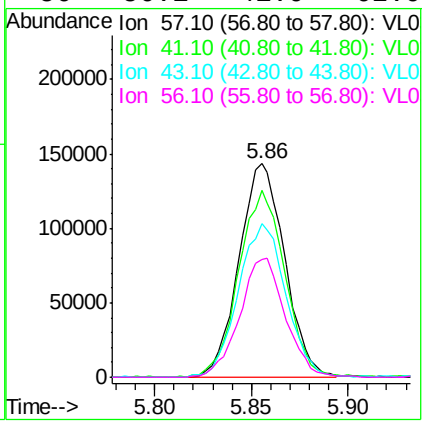




#26
Hexane
Concen: 1.34 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 57 Resp: 233689

Ion	Ratio	Lower	Upper
57	100		
41	89.8	67.9	101.9
43	75.8	175.9	263.9#
56	56.1	41.9	62.9



Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
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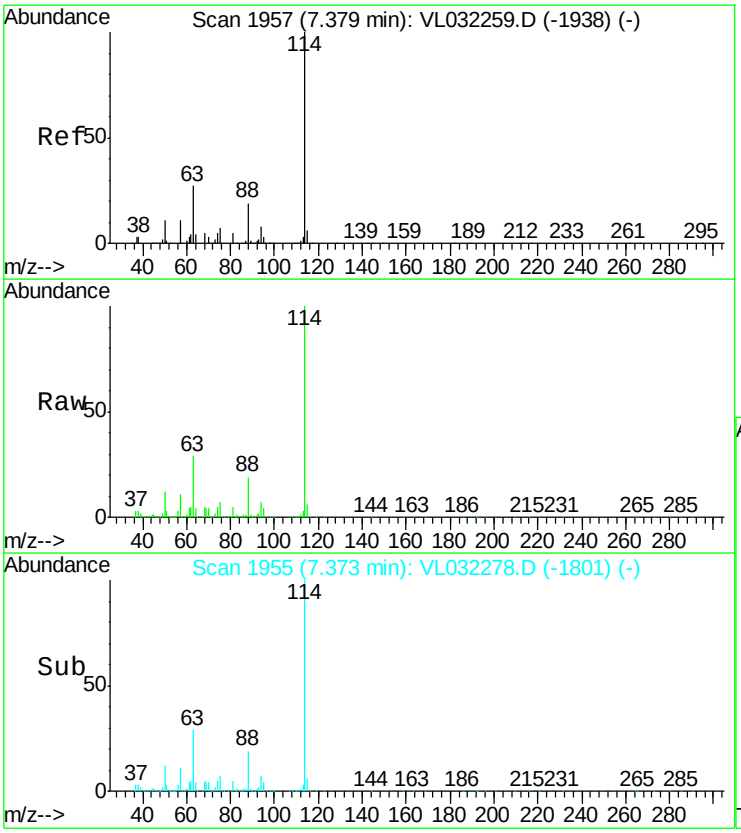
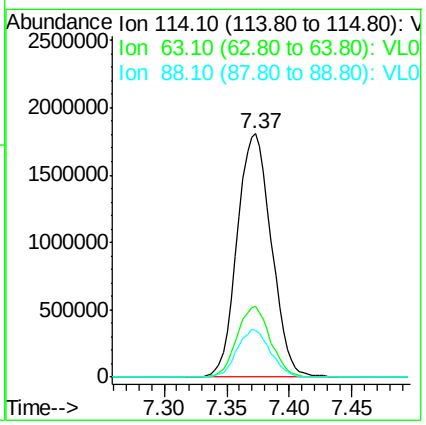
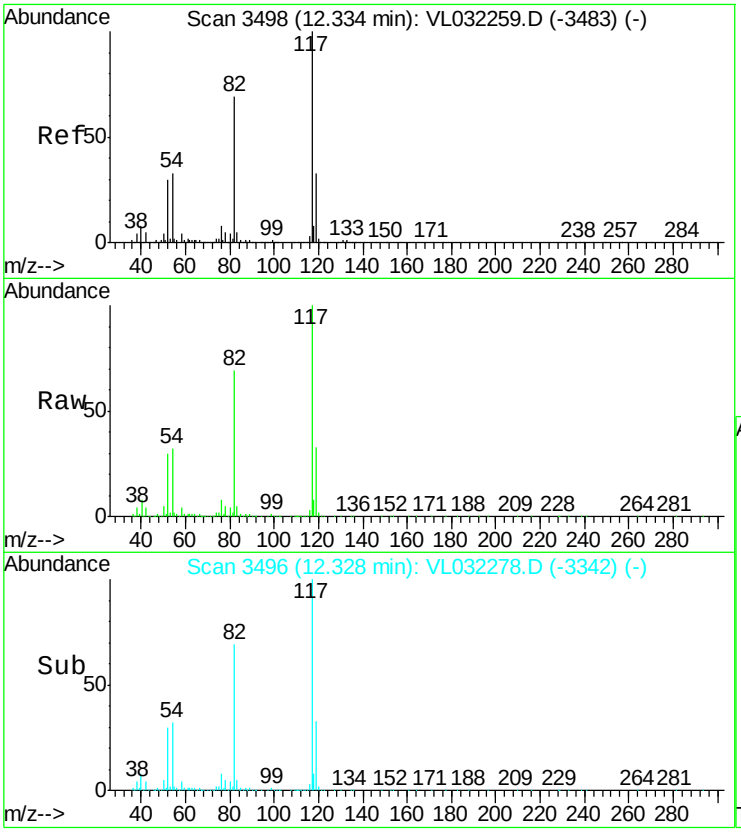


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion:114 Resp: 3425781

Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.6	33.8
88	19.1	15.2	22.8

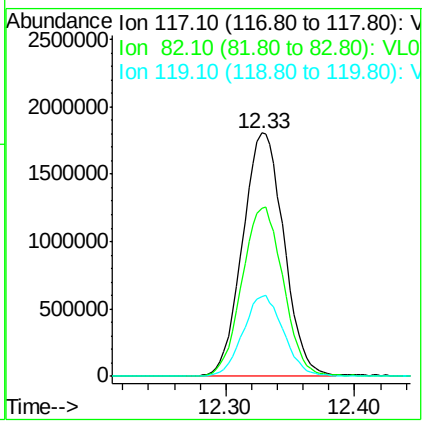




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion:117 Resp: 4035754

Ion	Ratio	Lower	Upper
117	100		
82	69.8	53.9	80.9
119	32.7	25.5	38.3



Instrument :
MSVOA_L
ClientSampleId :
B-8DL

Manual Integrations APPROVED
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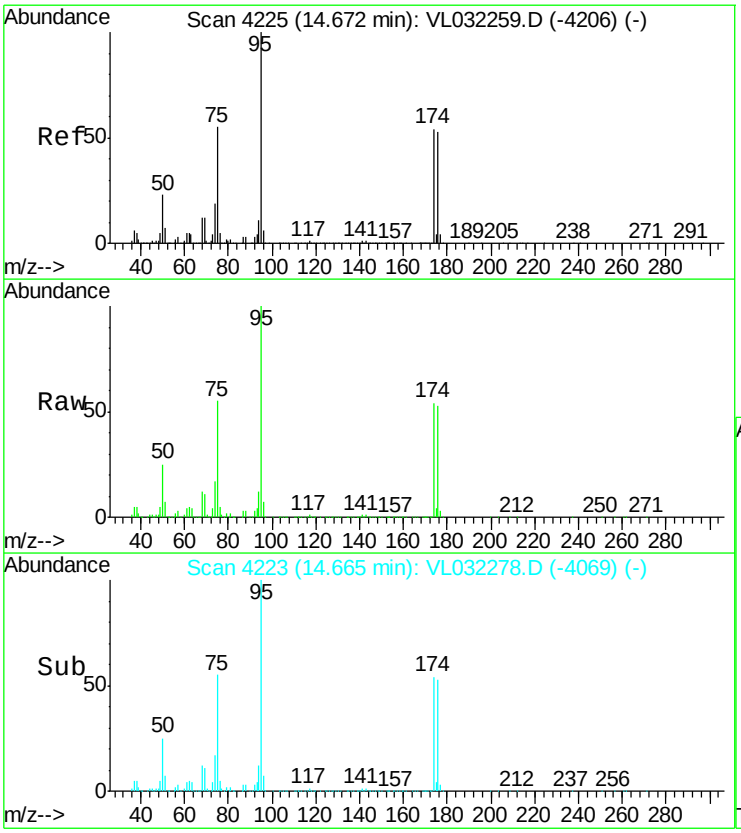
7/20/2018 2:53:24 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.66 ppbv
RT: 14.67 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032278.D
Acq: 19 Jul 2018 2:27

Tgt Ion: 95 Resp: 3160299

Ion	Ratio	Lower	Upper
95	100		
174	56.4	44.3	66.5
175	3.9	3.3	4.9