Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072120\
Data File : VL035218.D
Acq On : 21 Jul 2020 19:17
Operator : SY/AP
Sample : L3290-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIADL

Manual Integrations APPROVED
MMDadoda
7/23/2020 2:59:51 PM

Quant Time: Jul 22 01:45:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1109934	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2633401	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2429463	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1978324	10.02	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.95	51	19067m	0.156	ppbv	
9) Propene	2.98	41	13390m	0.289	ppbv	
13) Ethanol	3.57	45	94503m	6.406	ppbv	
15) Acetone	3.83	43	152078m	1.012	ppbv	
19) Isopropyl Alcohol	3.96	45	33972	0.375	ppbv #	87
20) Methylene Chloride	4.32	84	30992	0.474	ppbv	96
26) Hexane	5.67	57	14269	0.139	ppbv #	43
53) Toluene	9.83	91	31093m	0.155	ppbv	

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

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Manual Integrations APPROVED
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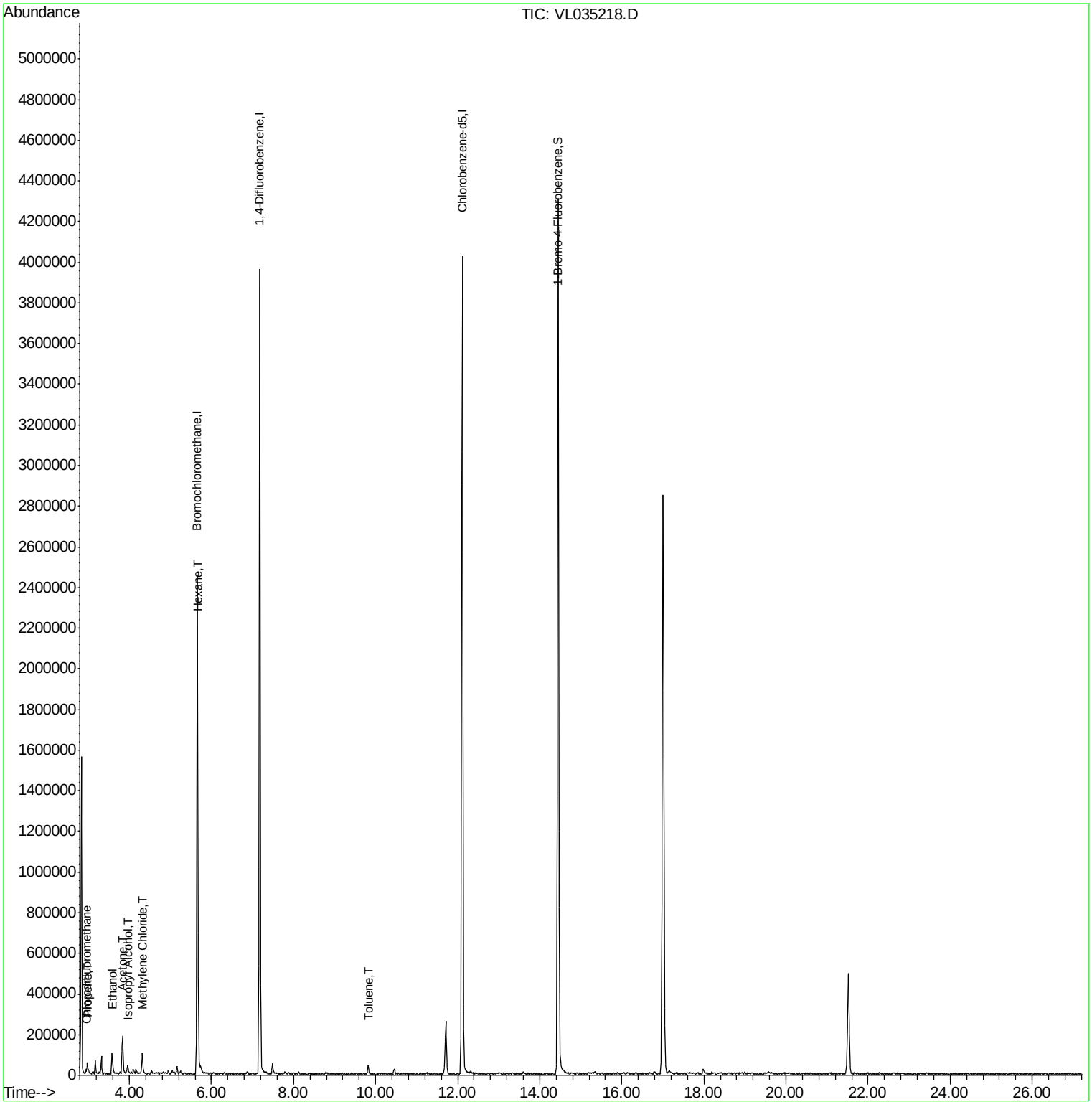
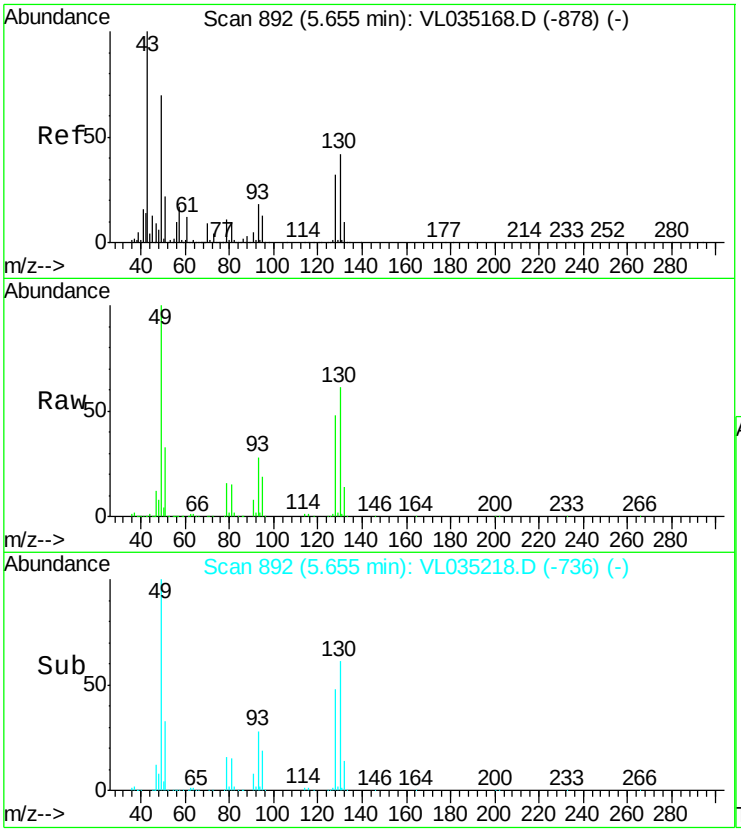
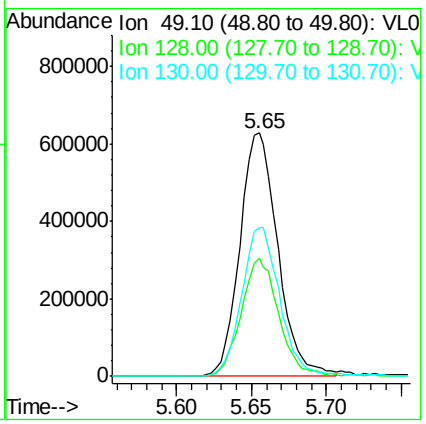




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 49 Resp: 1109934

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.8	71.4
130	62.3	29.9	89.8



Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIADL

Manual Integrations APPROVED
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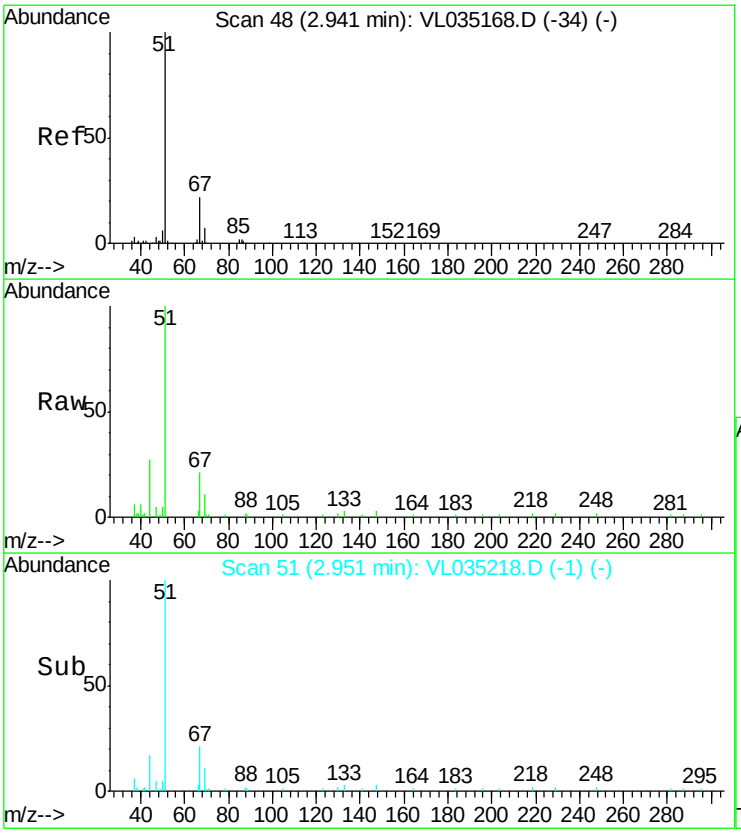
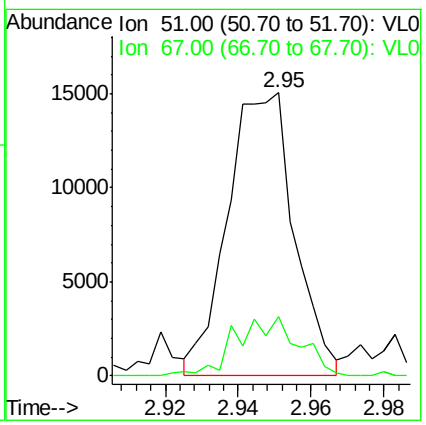
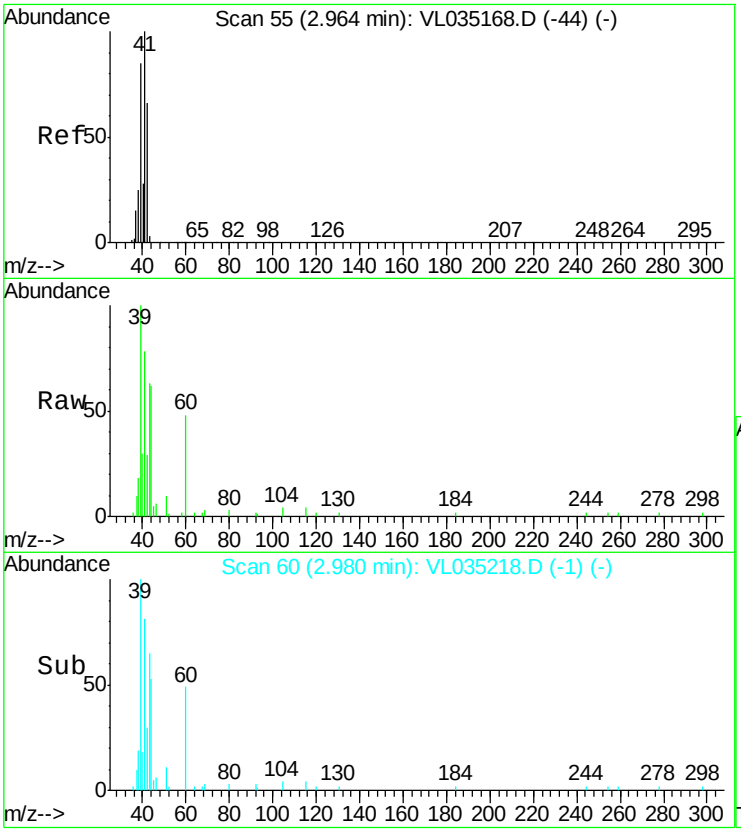


#3
Chlorodifluoromethane
Concen: 0.156 ppbv m
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 51 Resp: 19067

Ion	Ratio	Lower	Upper
51	100		
67	20.2	16.6	24.8





#9
Propene
Concen: 0.289 ppbv m
RT: 2.98 min Scan# 60
Delta R.T. 0.02 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 41 Resp: 13390

Ion	Ratio	Lower	Upper
41	100		
42	3.5	54.6	81.8#

Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIADL

Manual Integrations APPROVED
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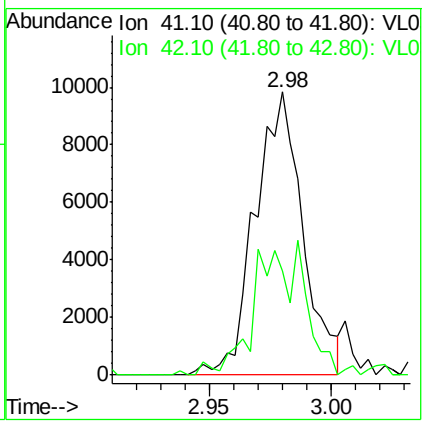
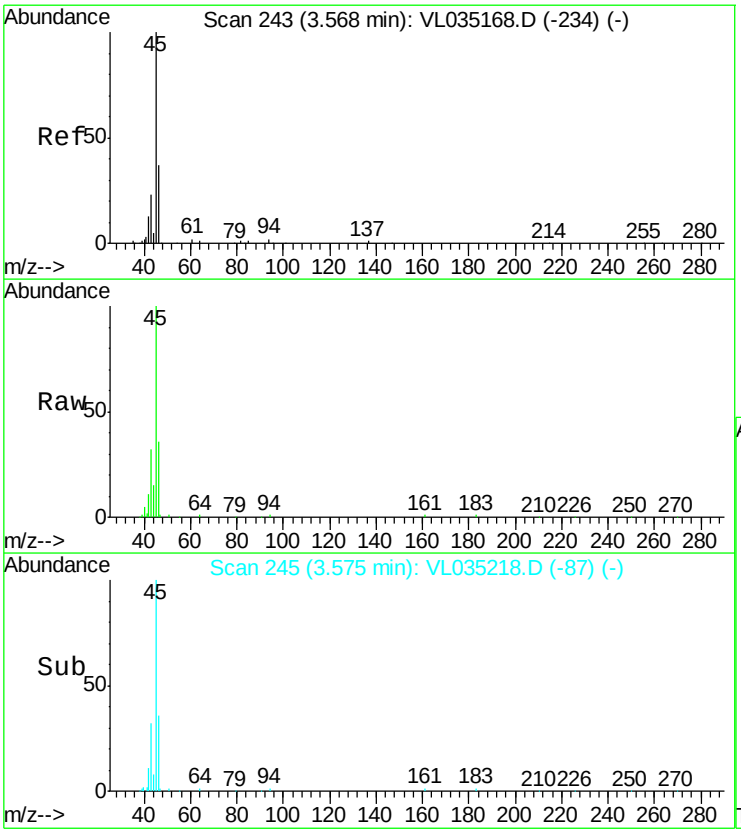
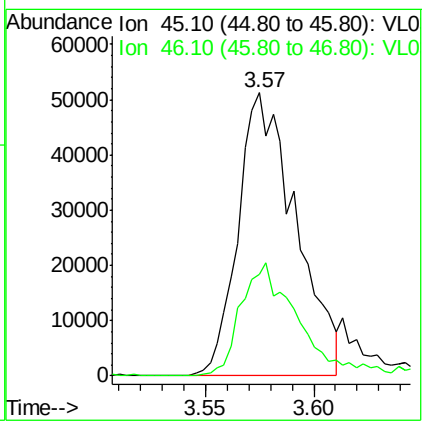


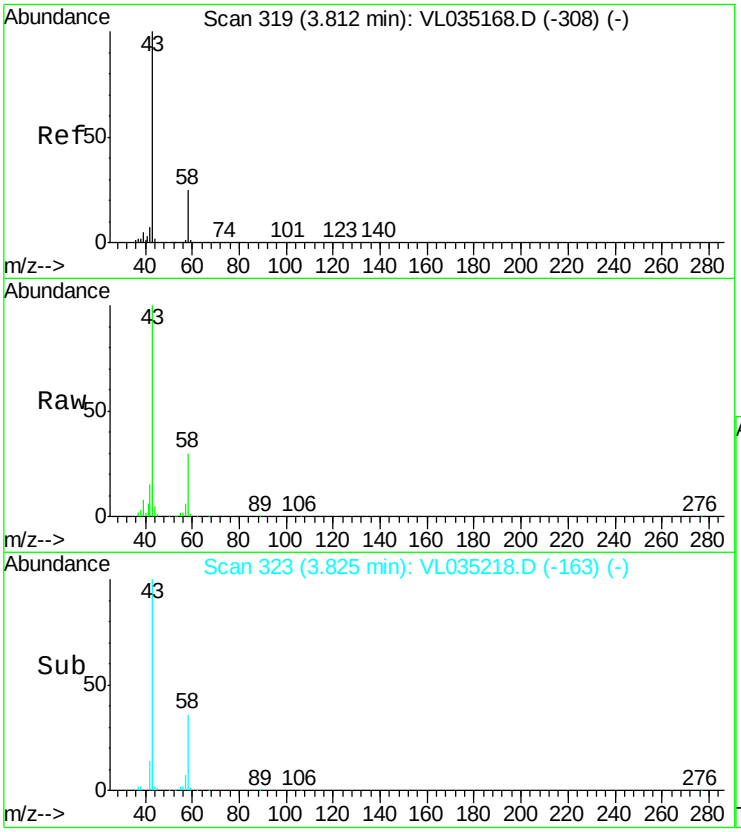


#13
Ethanol
Concen: 6.406 ppbv m
RT: 3.57 min Scan# 245
Delta R.T. 0.01 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 45 Resp: 94503

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	65.0#





#15
Acetone
Concen: 1.012 ppbv m
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 43 Resp: 152078

Ion	Ratio	Lower	Upper
43	100		
58	30.0	21.3	31.9

Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIADL

Manual Integrations APPROVED
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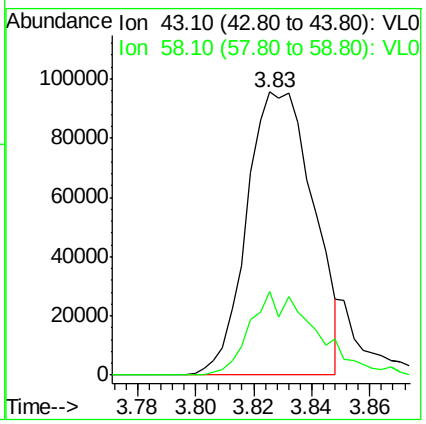
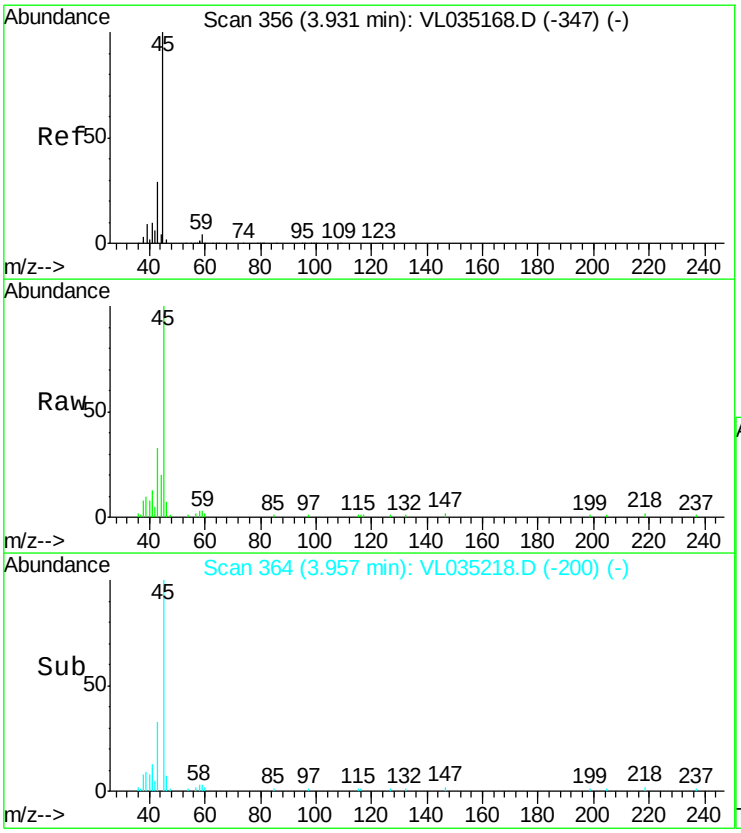
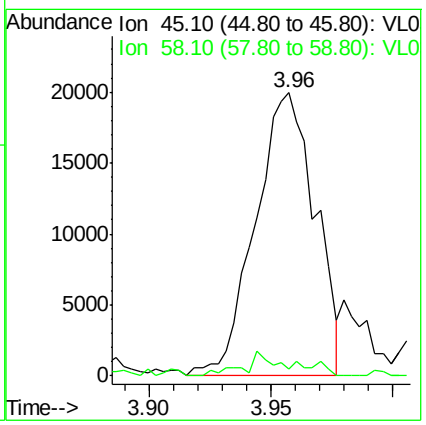


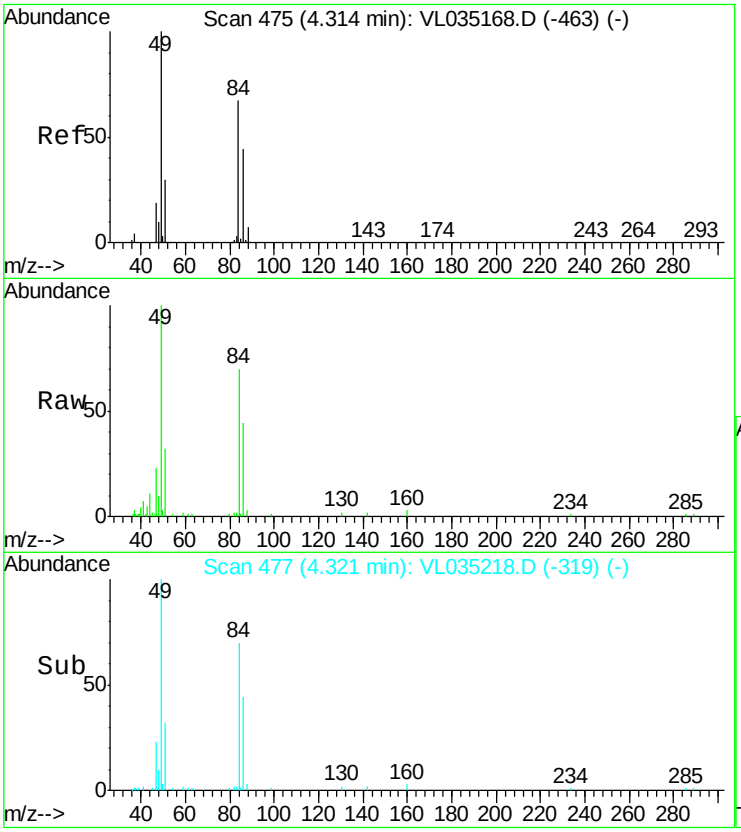


#19
Isopropyl Alcohol
Concen: 0.375 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.03 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 45 Resp: 33972

Ion	Ratio	Lower	Upper
45	100		
58	7.1	2.1	3.1#

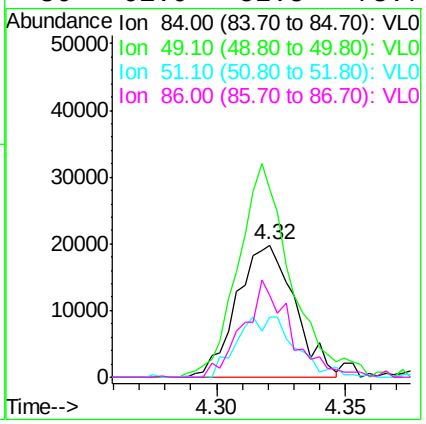




#20
Methylene Chloride
Concen: 0.474 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 84 Resp: 30992

Ion	Ratio	Lower	Upper
84	100		
49	143.6	119.4	179.0
51	44.0	36.6	55.0
86	61.9	52.5	78.7



Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIADL

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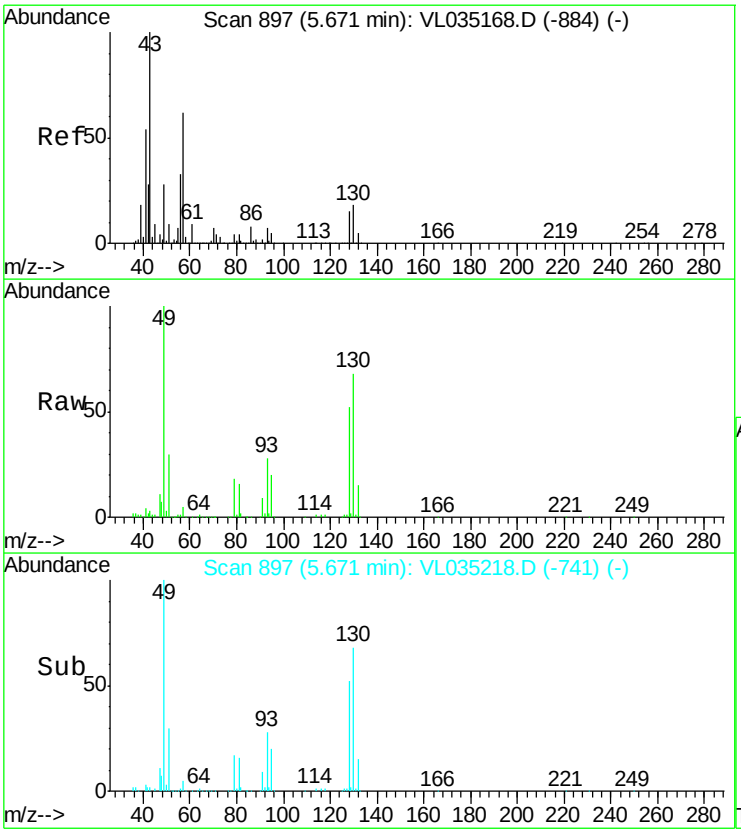
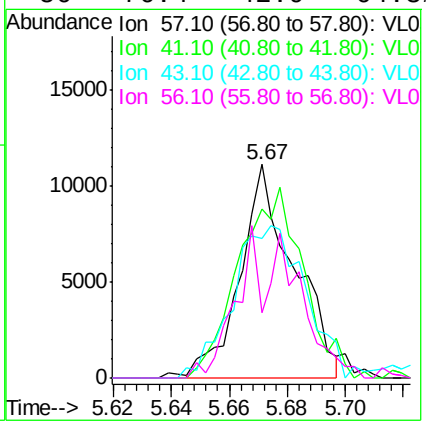
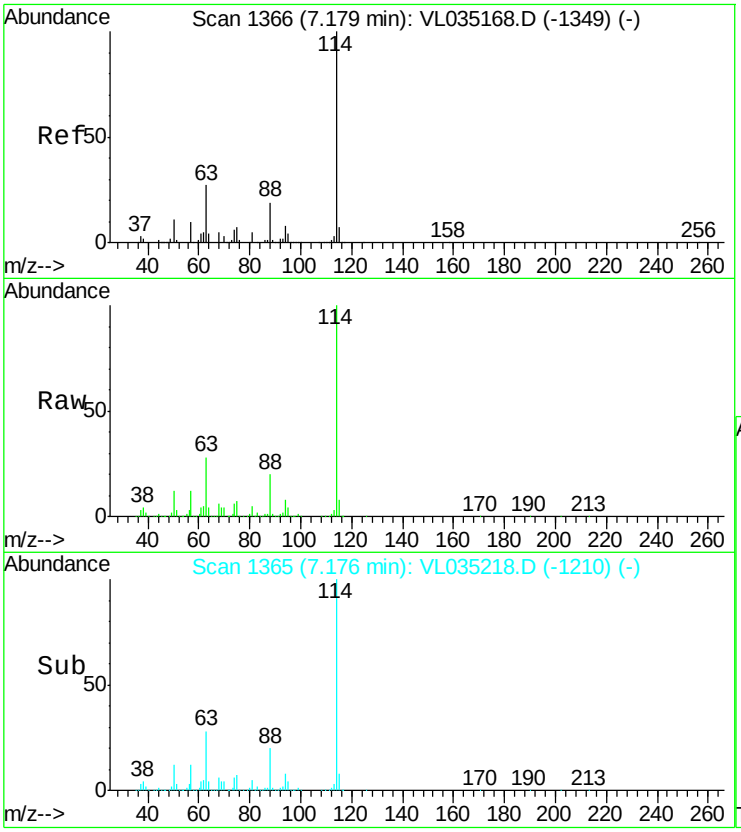


#26
Hexane
Concen: 0.139 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 57 Resp: 14269

Ion	Ratio	Lower	Upper
57	100		
41	110.4	72.9	109.3#
43	98.1	179.5	269.3#
56	76.4	42.9	64.3#

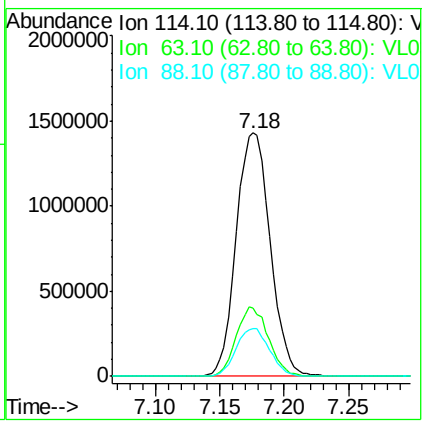




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion:114 Resp: 2633401

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.0	33.0
88	19.4	15.4	23.0



Instrument :
MSVOA_L
ClientSampleId :
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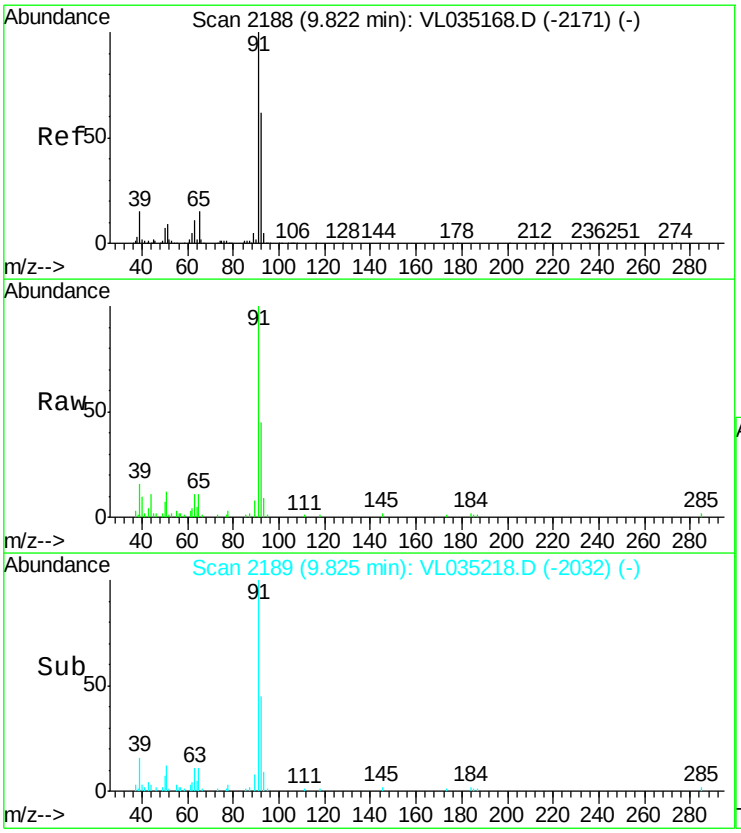
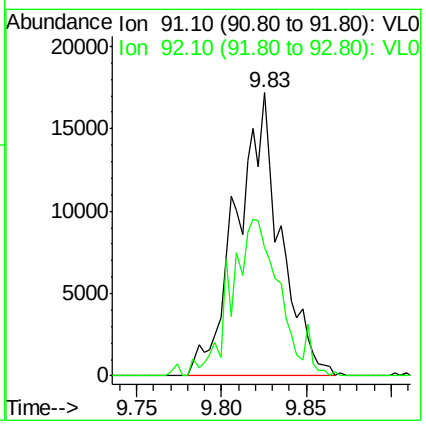
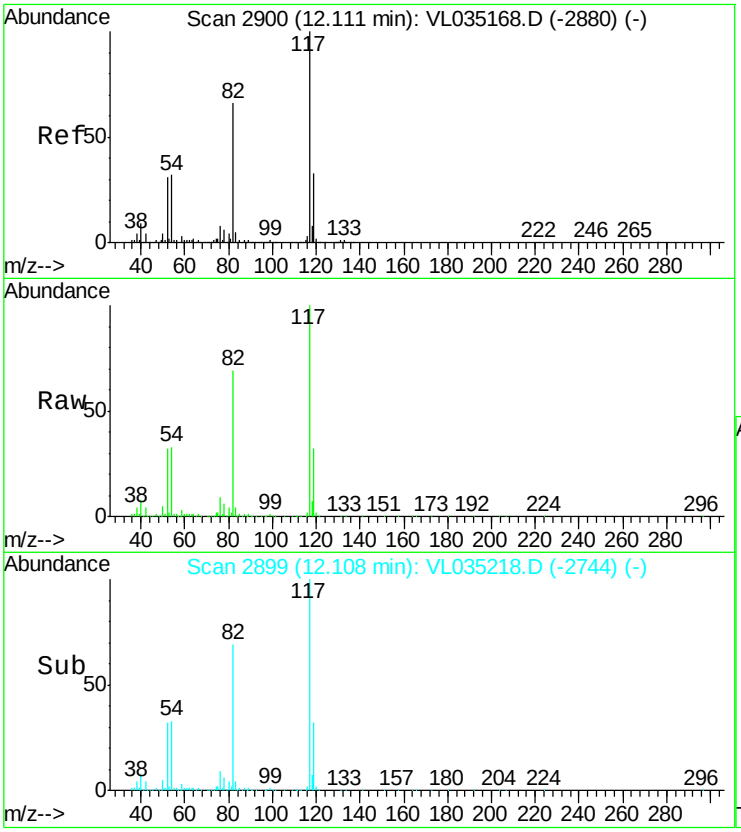


#53
Toluene
Concen: 0.155 ppbv m
RT: 9.83 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 91 Resp: 31093

Ion	Ratio	Lower	Upper
91	100		
92	61.5	48.4	72.6

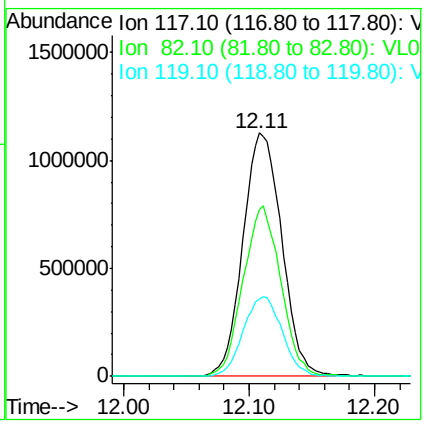




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion:117 Resp: 2429463

Ion	Ratio	Lower	Upper
117	100		
82	67.9	52.3	78.5
119	33.0	24.9	37.3



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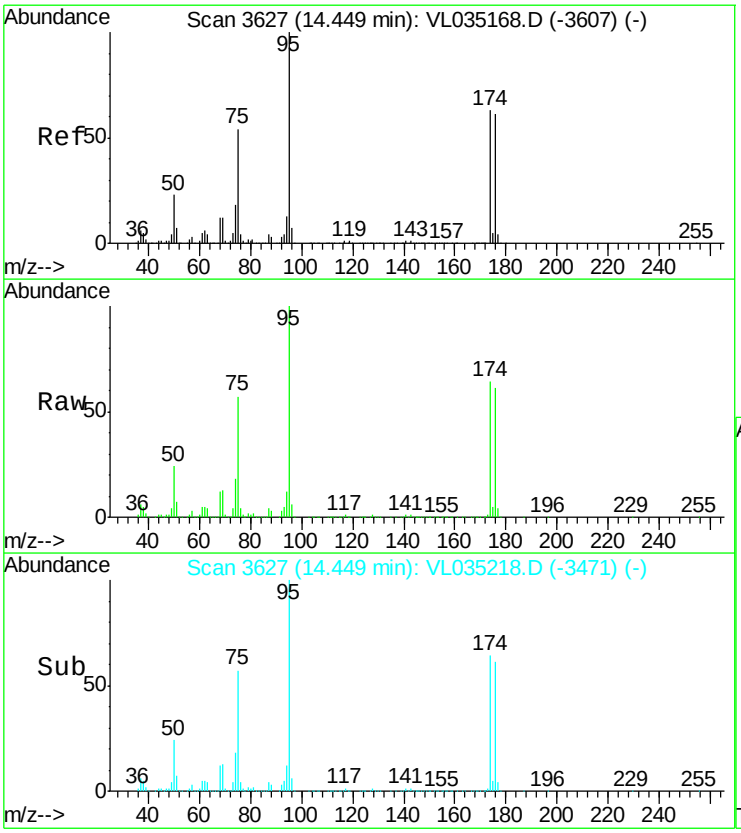

#68
1-Bromo-4-Fluorobenzene
Concen: 10.024 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035218.D
Acq: 21 Jul 2020 19:17

Tgt Ion: 95 Resp: 1978324

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.7	4.0	6.0