Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111620\
Data File : VL035946.D
Acq On : 16 Nov 2020 16:37
Operator : SY/AP
Sample : L4721-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LA-6DL

Quant Time: Nov 17 10:39:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1293317	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	4472501	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	4218911	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3059473	10.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
9) Propene	3.02	41	11700	0.206	ppbv		87
13) Ethanol	3.62	45	28356	2.306	ppbv		94
15) Acetone	3.86	43	87152	0.630	ppbv	#	79
19) Isopropyl Alcohol	3.99	45	13974m	0.164	ppbv		
20) Methylene Chloride	4.35	84	97763	1.004	ppbv		95
26) Hexane	5.69	57	81899	0.545	ppbv	#	44
53) Toluene	9.81	91	95914	0.239	ppbv		98

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

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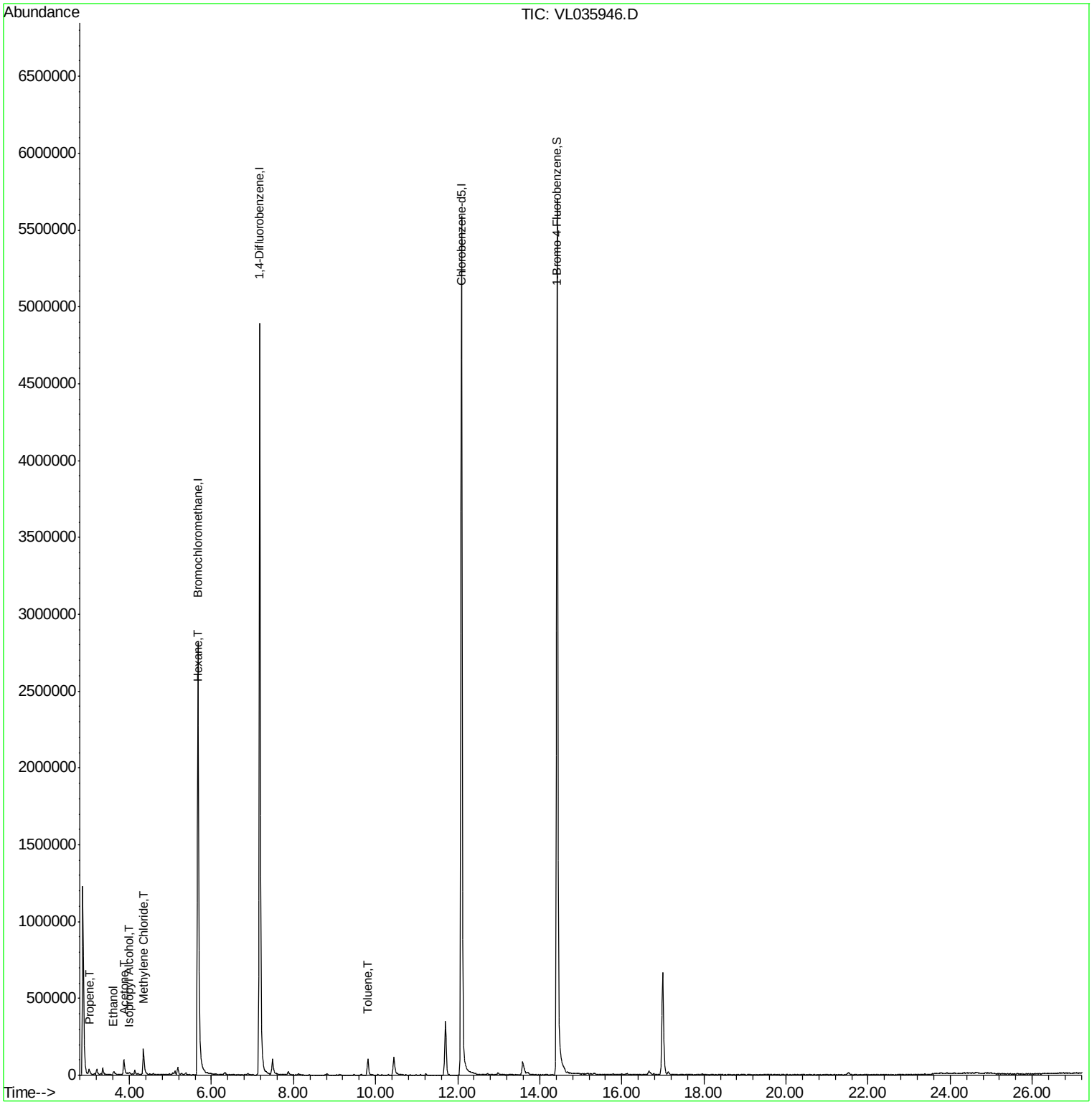
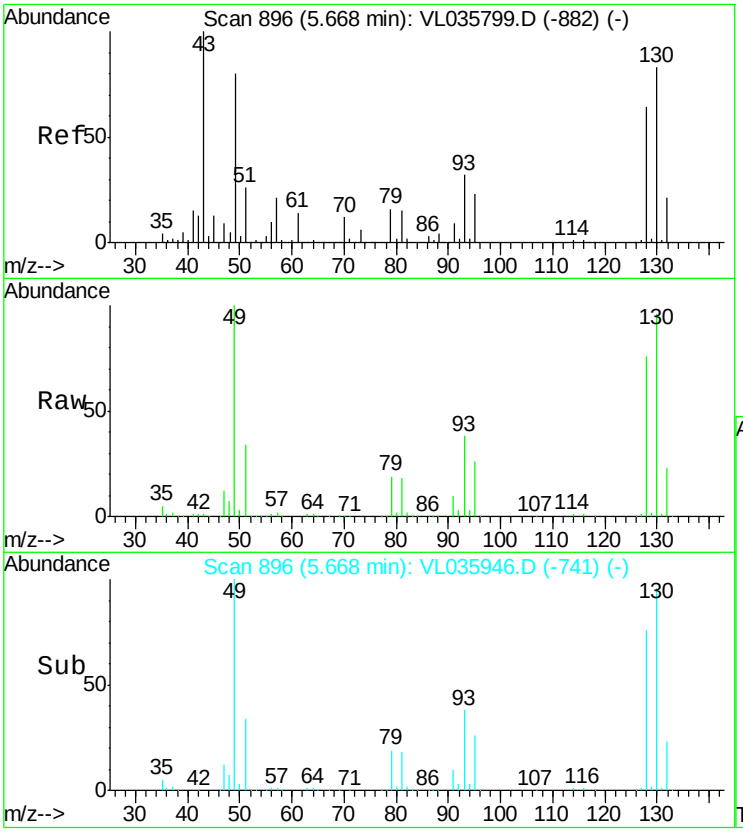


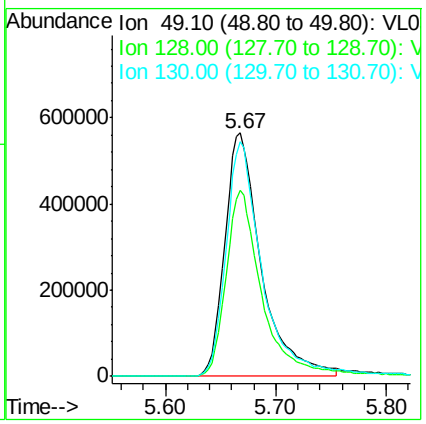


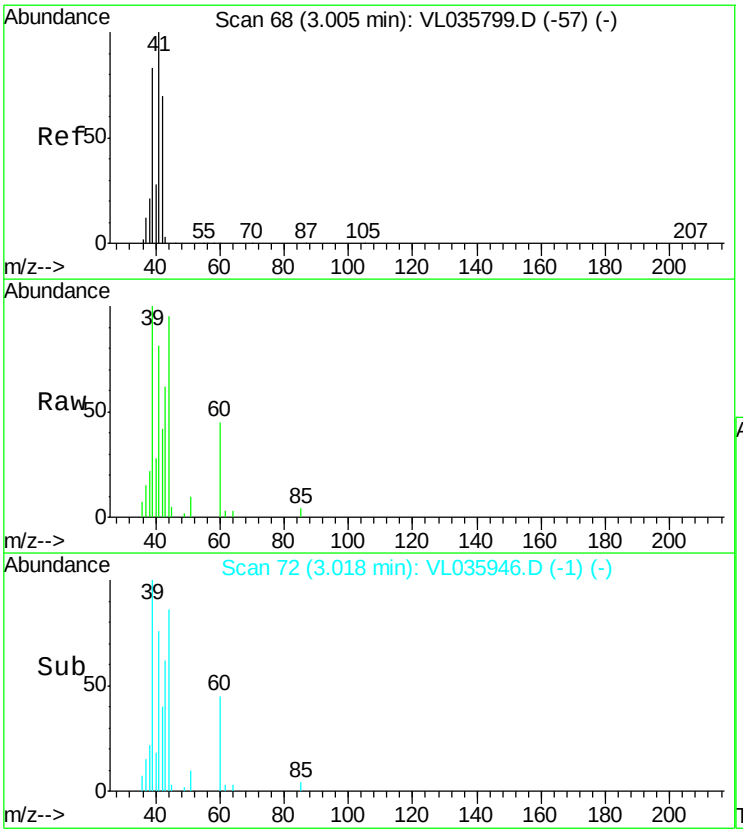
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument :
MSVOA_L
ClientSampleId :
LA-6DL

Tgt Ion: 49 Resp: 1293317

Ion	Ratio	Lower	Upper
49	100		
128	76.9	41.5	124.6
130	97.4	53.7	161.1

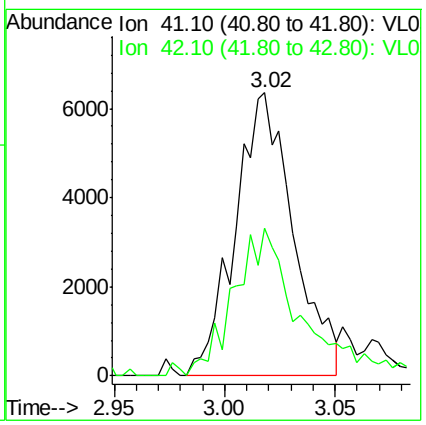


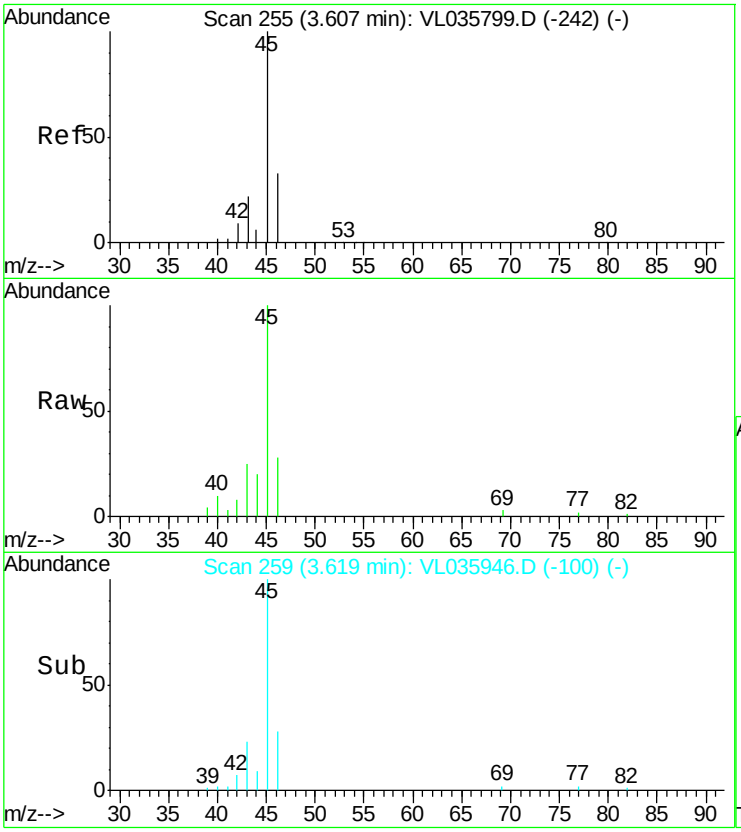


#9
Propene
Concen: 0.206 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Tgt Ion: 41 Resp: 11700

Ion	Ratio	Lower	Upper
41	100		
42	60.0	56.2	84.4



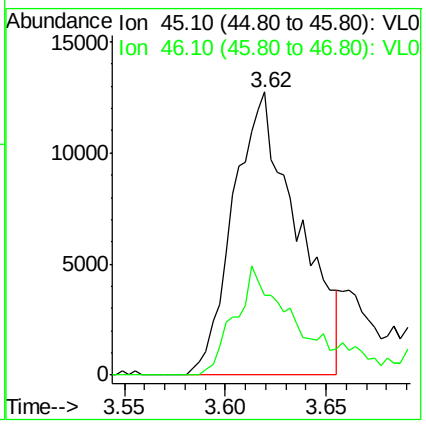


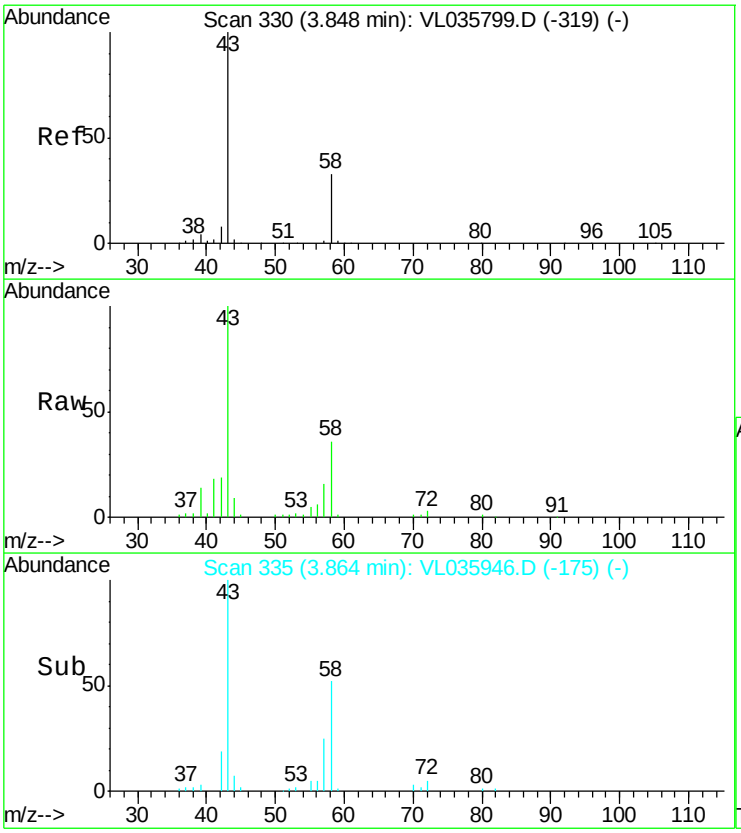
#13
Ethanol
Concen: 2.306 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument :
MSVOA_L
ClientSampleId :
LA-6DL

Tgt Ion: 45 Resp: 28356

Ion	Ratio	Lower	Upper
45	100		
46	43.8	16.1	64.5

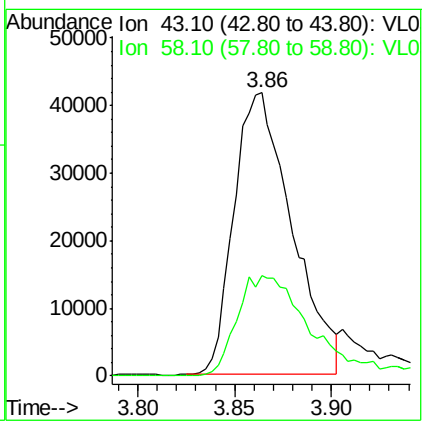


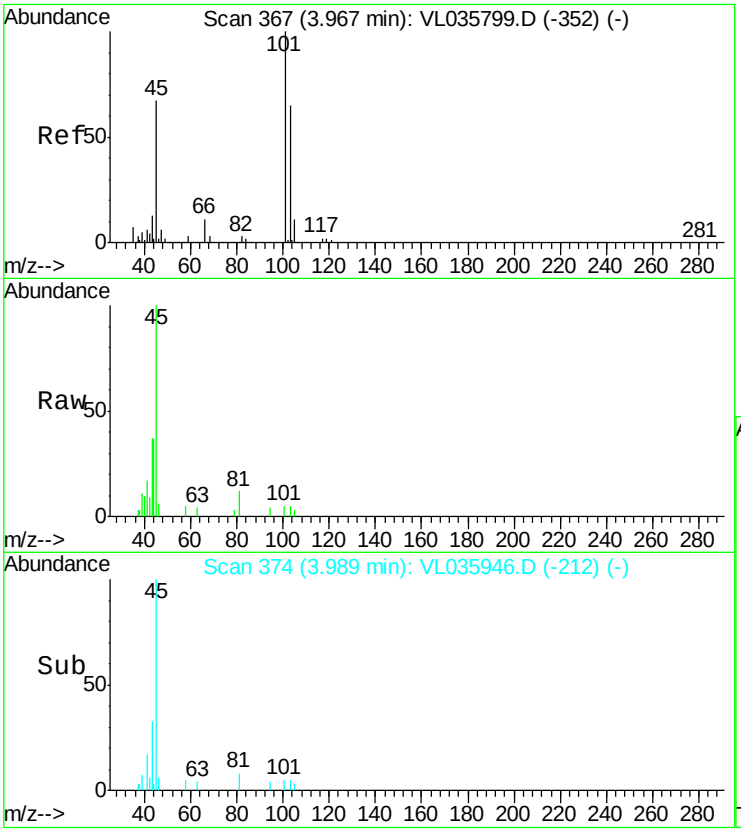


#15
Acetone
Concen: 0.630 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Tgt Ion: 43 Resp: 87152

Ion	Ratio	Lower	Upper
43	100		
58	46.2	27.5	41.3#



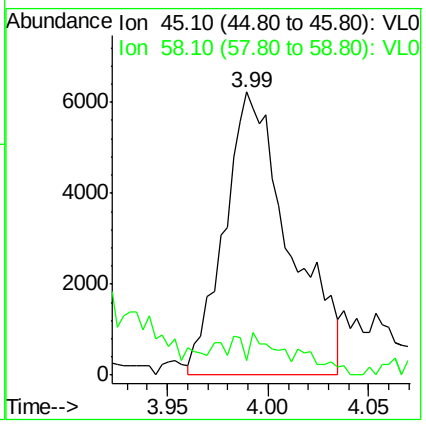


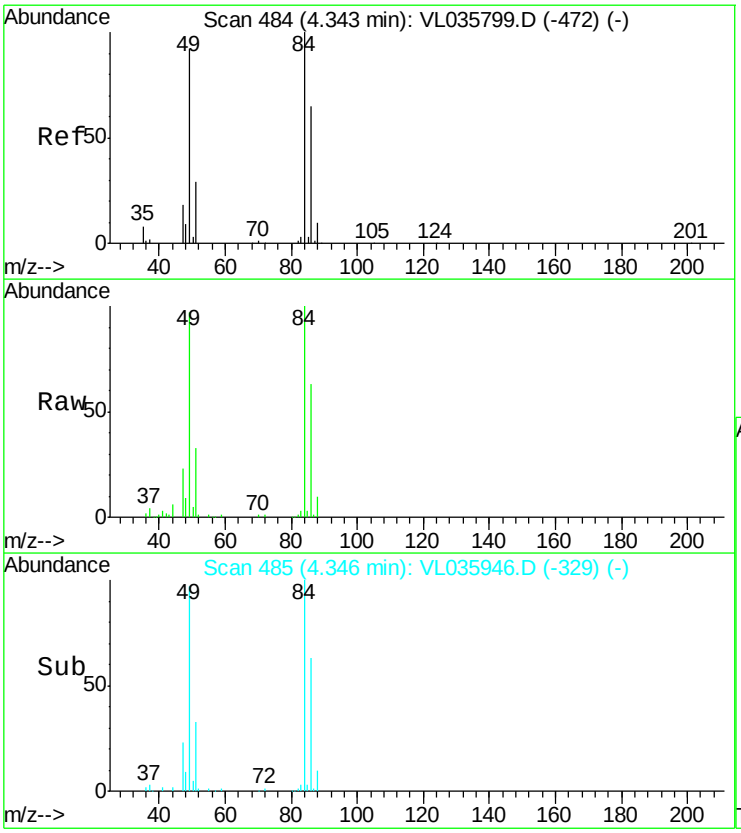
#19
Isopropyl Alcohol
Concen: 0.164 ppbv m
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument :
MSVOA_L
ClientSampleId :
LA-6DL

Tgt Ion: 45 Resp: 13974

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.6	3.8#

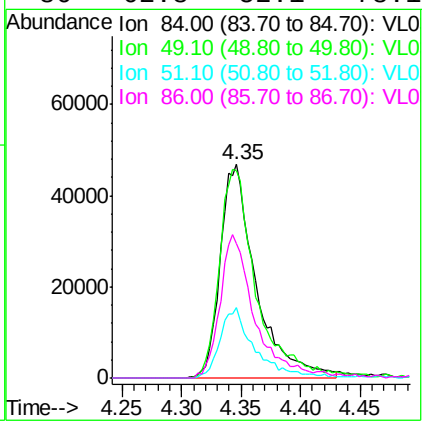


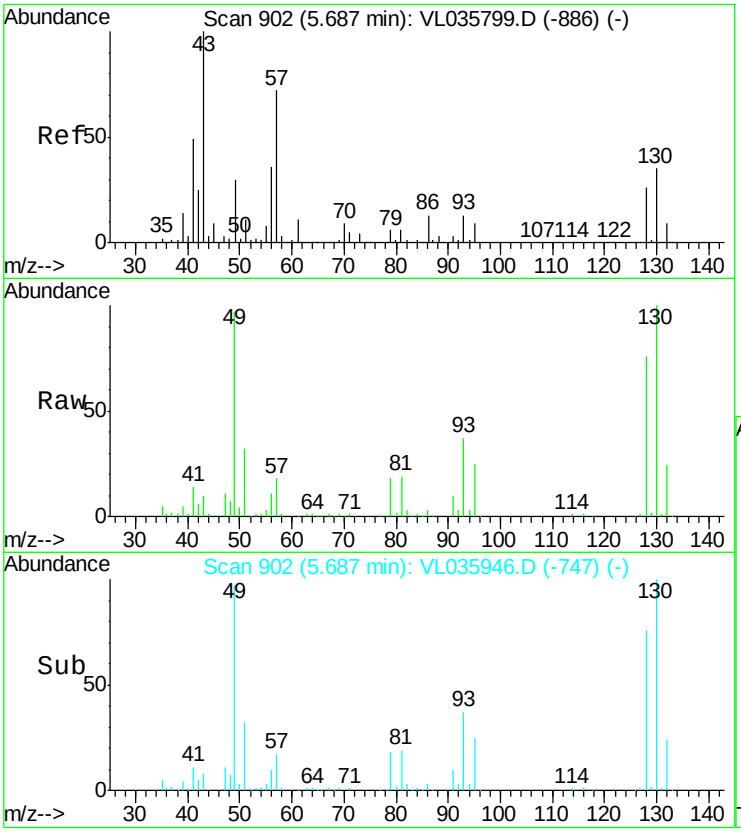


#20
Methylene Chloride
Concen: 1.004 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Tgt Ion: 84 Resp: 97763

Ion	Ratio	Lower	Upper
84	100		
49	97.0	73.8	110.8
51	32.7	23.0	34.4
86	62.8	52.1	78.1



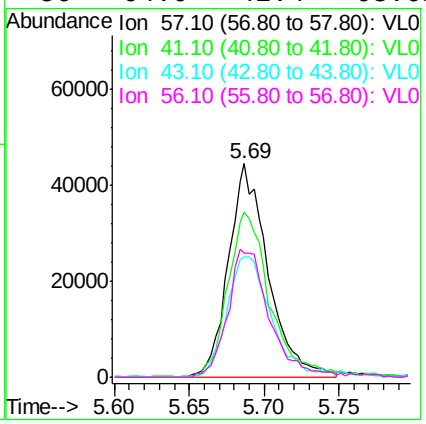


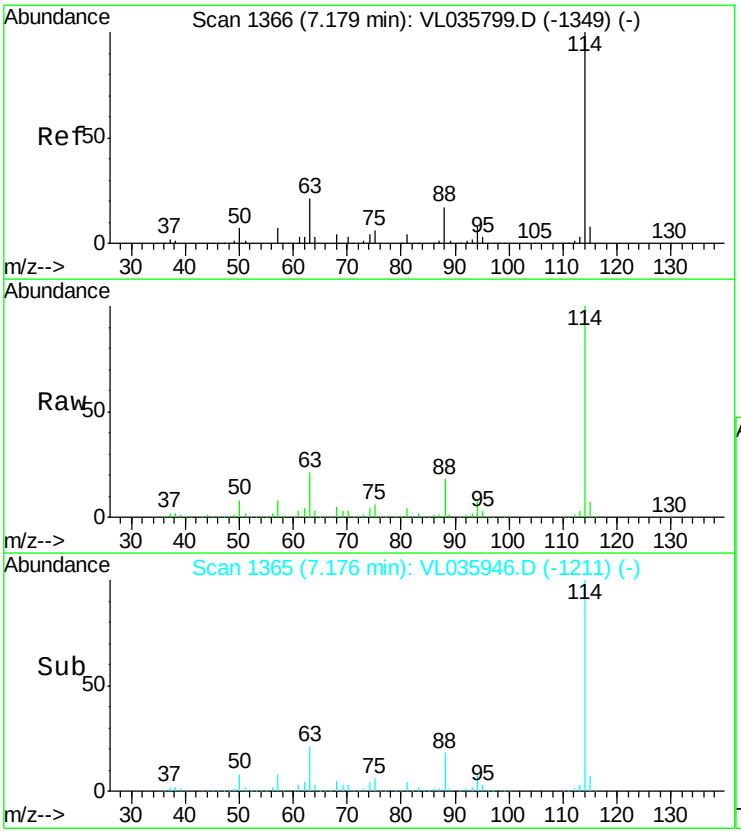
#26
Hexane
Concen: 0.545 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument :
MSVOA_L
ClientSampleId :
LA-6DL

Tgt Ion: 57 Resp: 81899

Ion	Ratio	Lower	Upper
57	100		
41	84.9	58.9	88.3
43	64.7	150.2	225.2#
56	64.0	42.4	63.6#

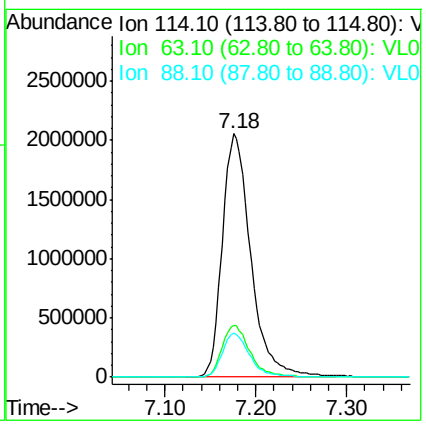


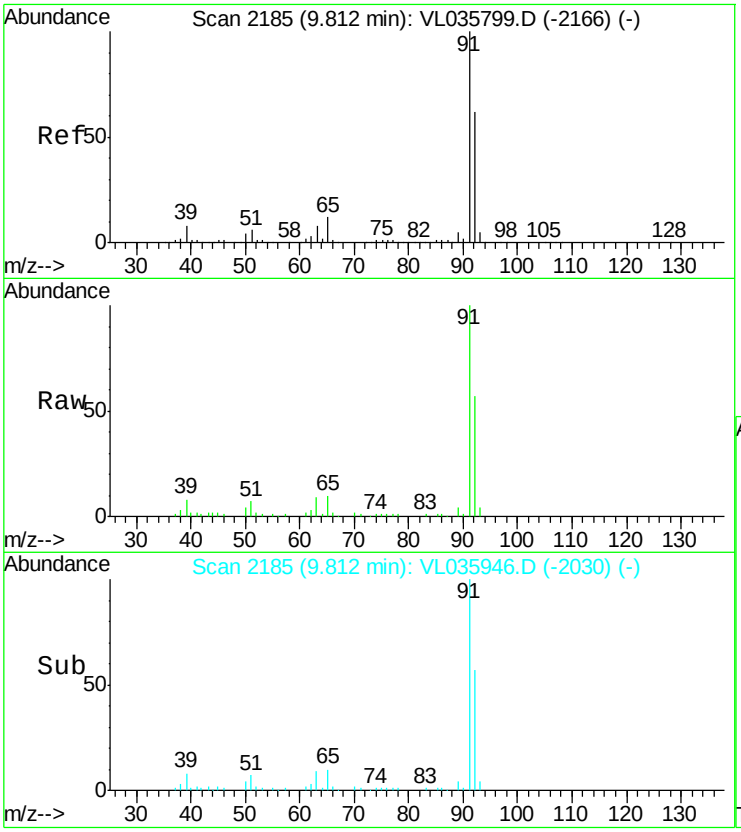


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Tgt Ion:114 Resp: 4472501

Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.1	24.1
88	17.6	13.7	20.5



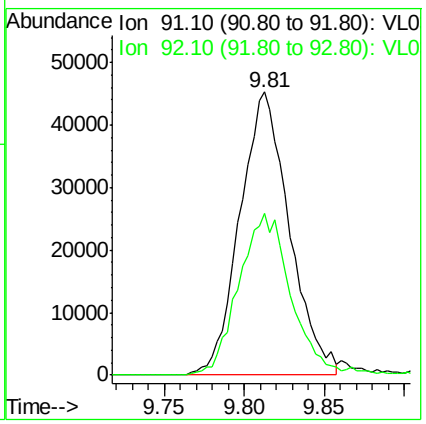


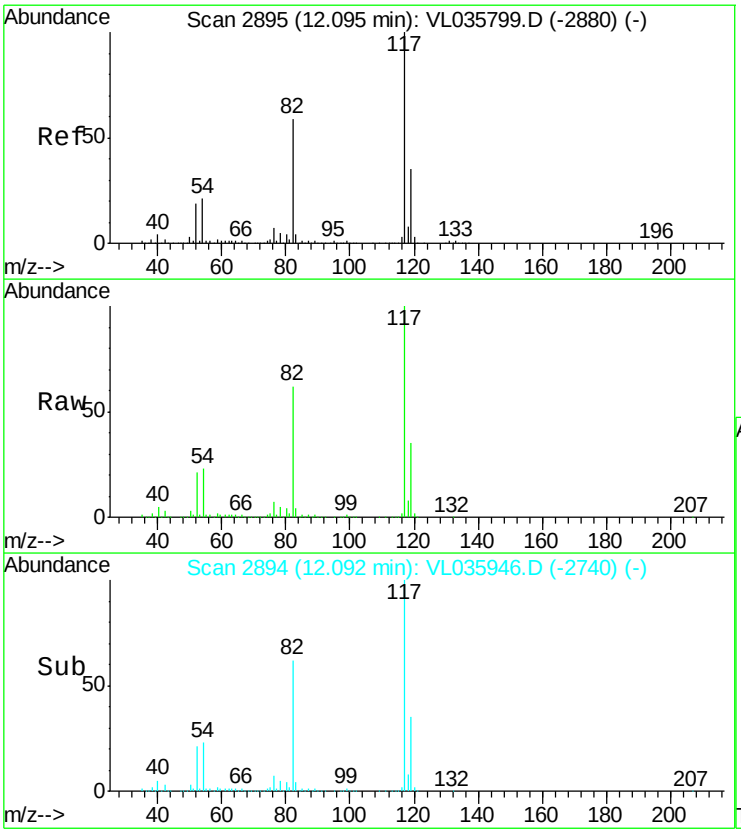
#53
Toluene
Concen: 0.239 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument : MSVOA_L
ClientSampleId : LA-6DL

Tgt Ion: 91 Resp: 95914

Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.8	74.6

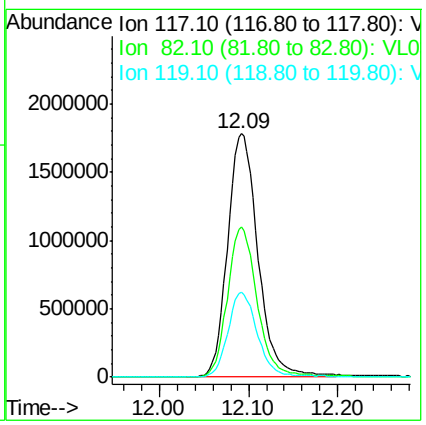


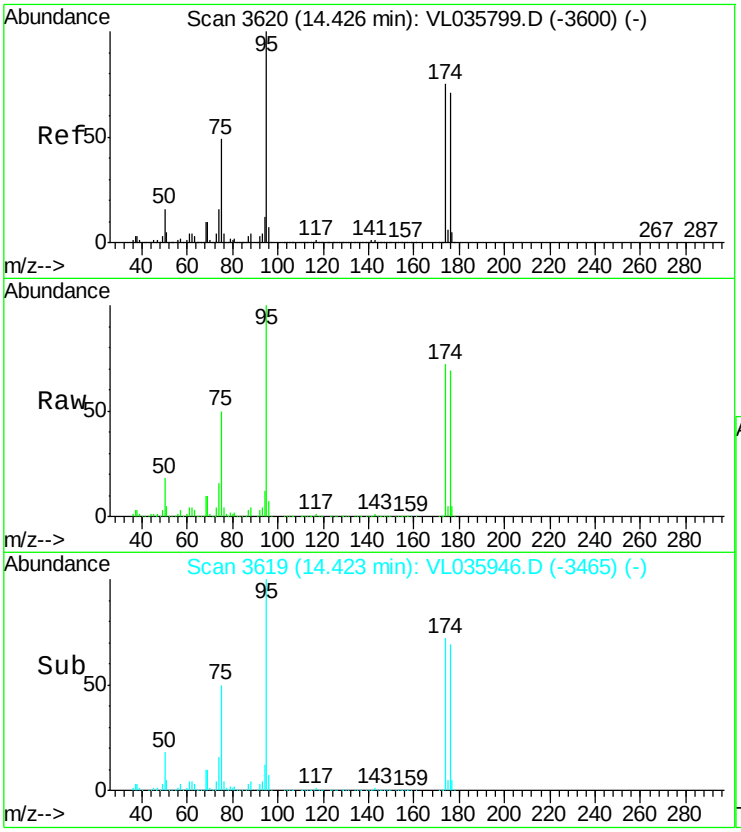


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Tgt Ion:117 Resp: 4218911

Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	34.3	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.207 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL035946.D
Acq: 16 Nov 2020 16:37

Instrument :
MSVOA_L
ClientSampleId :
LA-6DL

Tgt Ion: 95 Resp: 3059473

Ion	Ratio	Lower	Upper
95	100		
174	74.1	59.8	89.6
175	5.2	4.3	6.5