Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030619\
Data File : VL033252.D
Acq On : 6 Mar 2019 11:42
Operator : SY/AP
Sample : 0.4 PPB MDL
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 04:39:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 08:43:44 2019
QLast Update : Wed Mar 06 08:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	991877	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2196058	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2160514	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1690667	10.31	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.10%			
Target Compounds						Qvalue
13) Ethanol	3.66	45	10553m	0.698	ppbv	
40) 1,4-Dioxane	8.00	88	10299m	0.345	ppbv	
66) Benzyl Chloride	17.16	91	28965m	0.259	ppbv	
80) Naphthalene,2-methyl-	25.12	142	11700	0.120	ppbv	97

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

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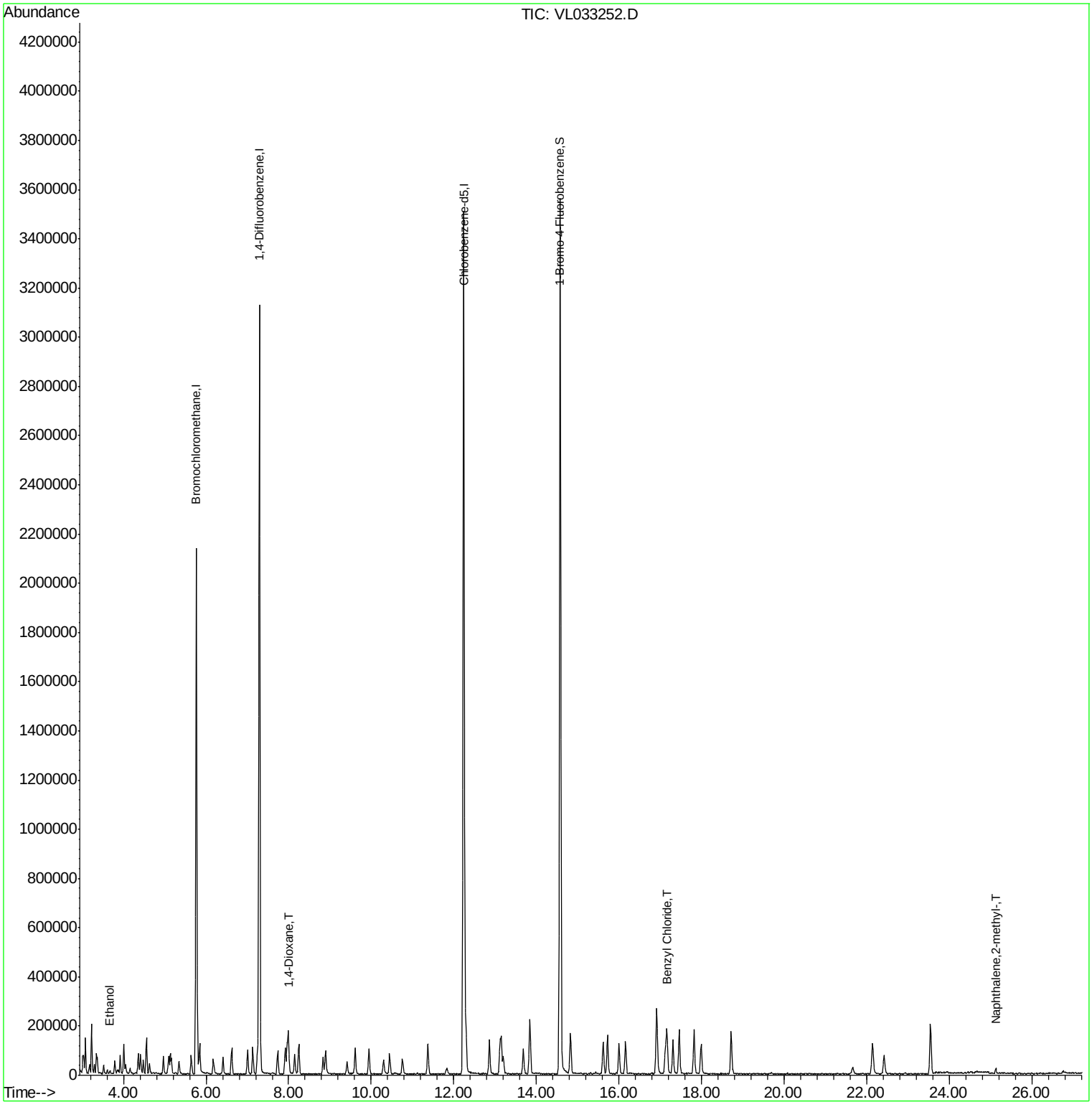
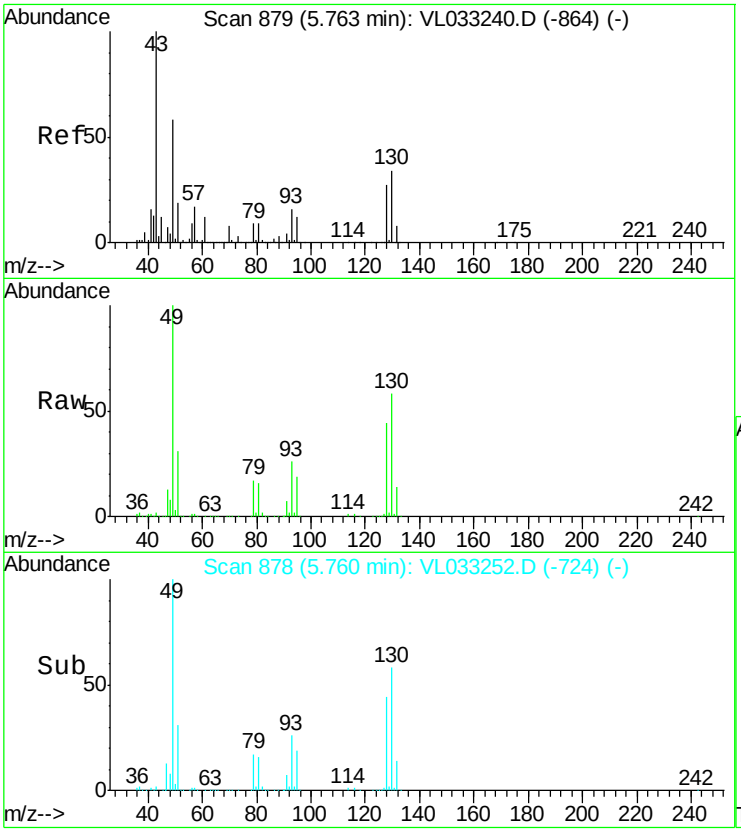
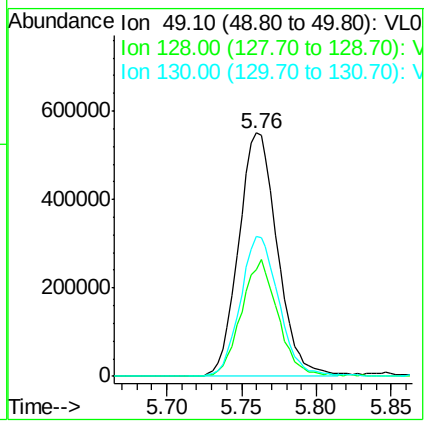


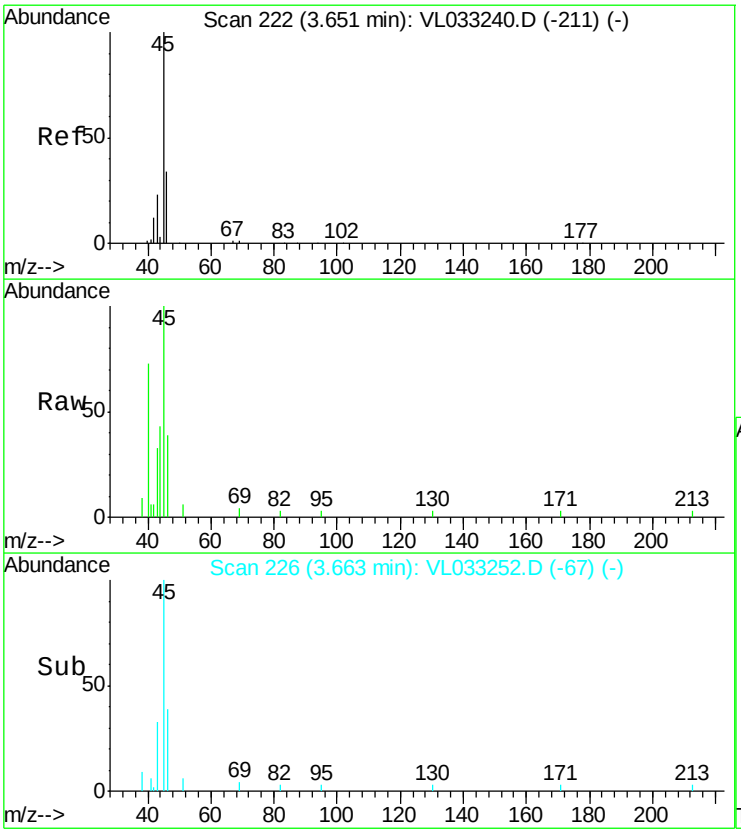


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion: 49 Resp: 991877

Ion	Ratio	Lower	Upper
49	100		
128	45.6	22.9	68.8
130	57.9	29.3	88.0

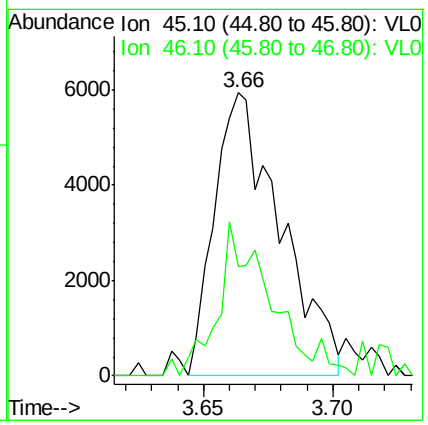


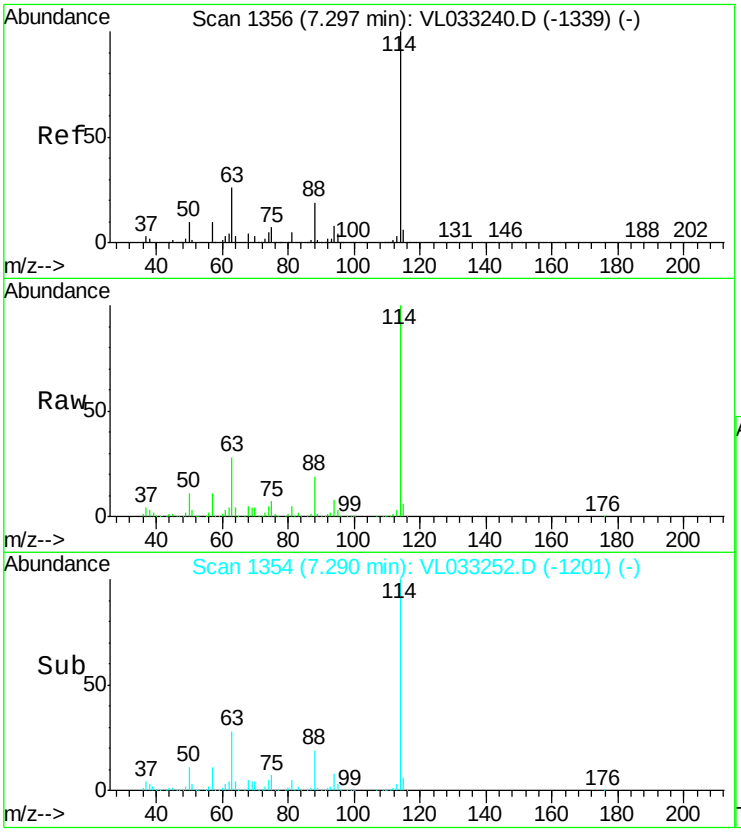


#13
Ethanol
Concen: 0.698 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion: 45 Resp: 10553

Ion	Ratio	Lower	Upper
45	100		
46	43.6	15.3	61.3

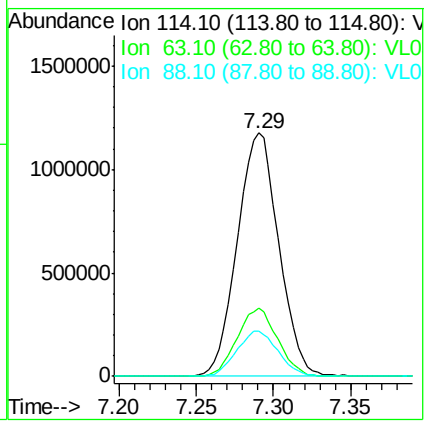


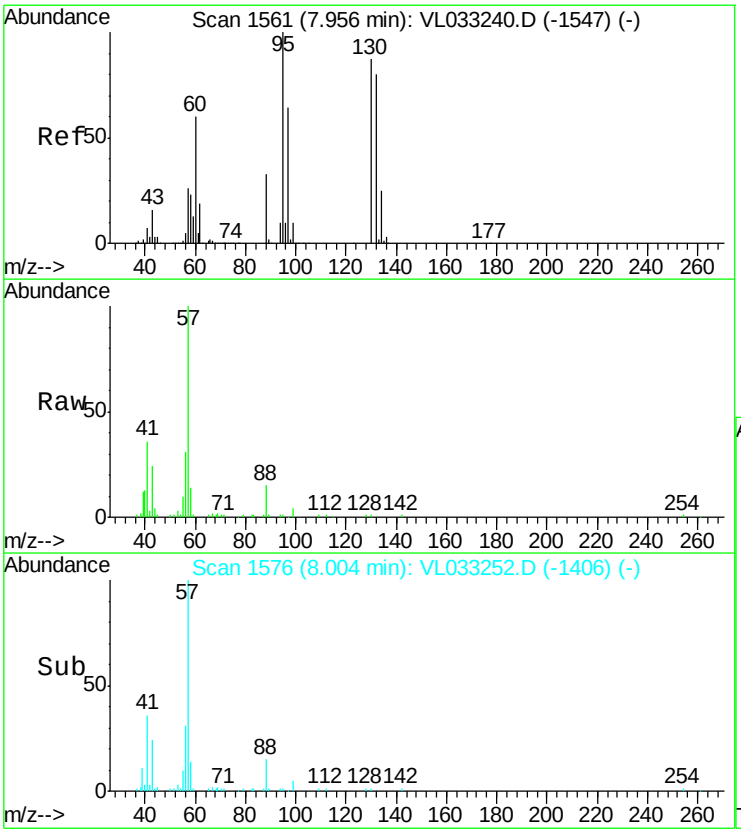


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion:114 Resp: 2196058

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.0	33.0
88	18.6	15.0	22.4

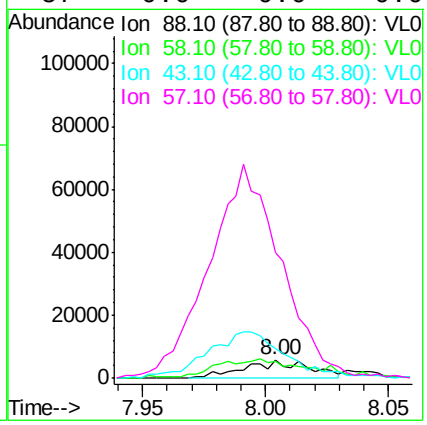


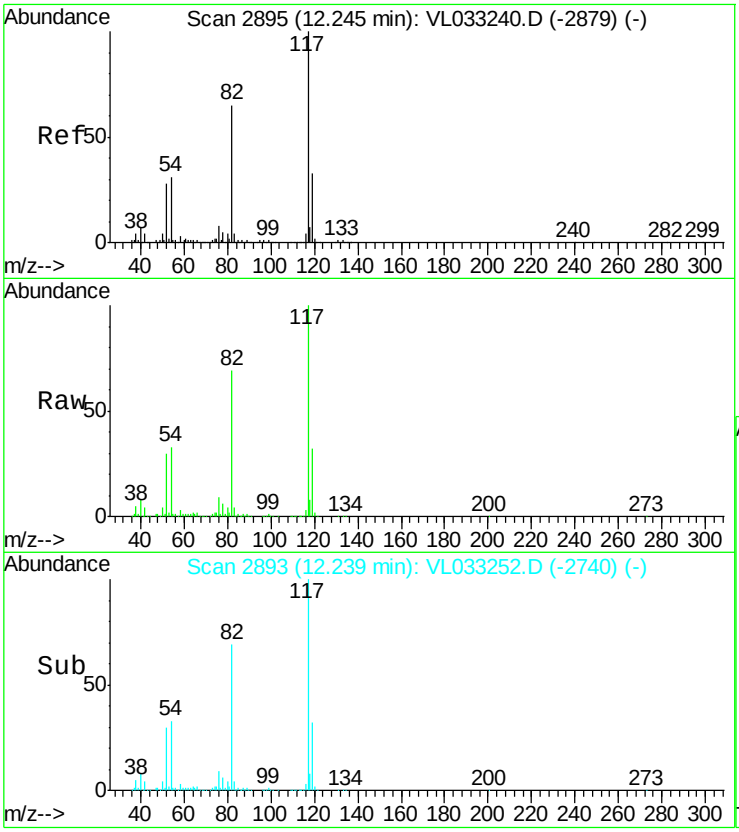


#40
1,4-Dioxane
Concen: 0.345 ppbv m
RT: 8.00 min Scan# 1576
Delta R.T. 0.05 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion: 88 Resp: 10299

Ion	Ratio	Lower	Upper
88	100		
58	0.0	105.1	157.7#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

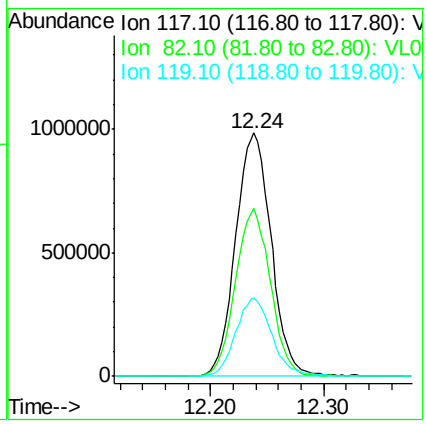


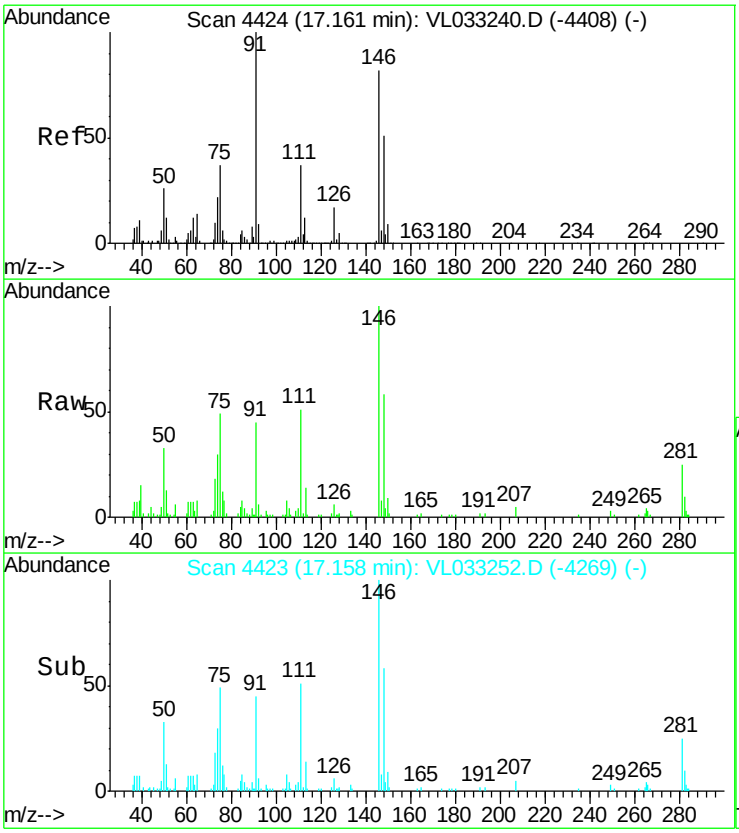


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion:117 Resp: 2160514

Ion	Ratio	Lower	Upper
117	100		
82	68.1	51.8	77.8
119	32.9	43.6	65.4#

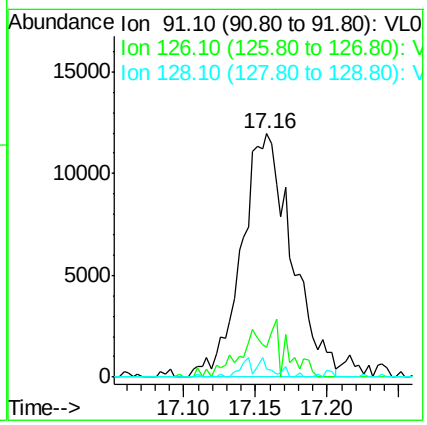


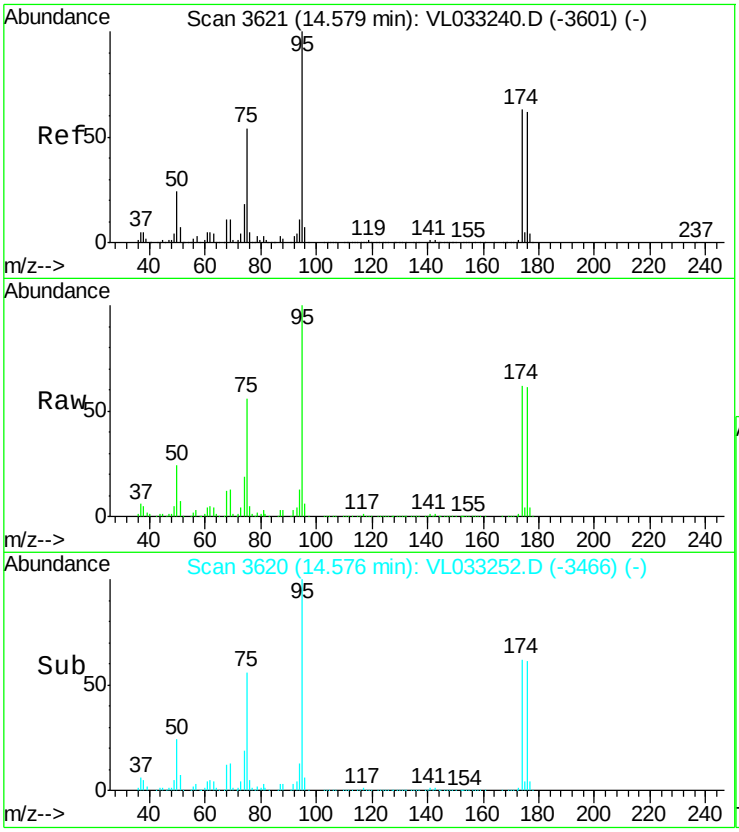


#66
Benzyl Chloride
Concen: 0.259 ppbv m
RT: 17.16 min Scan# 4423
Delta R.T. -0.00 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion: 91 Resp: 28965

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.4	20.0#
128	3.9	4.2	6.2#

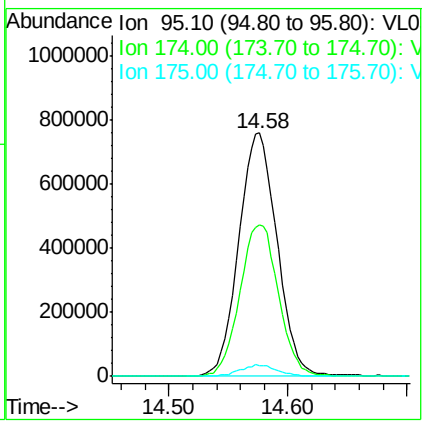


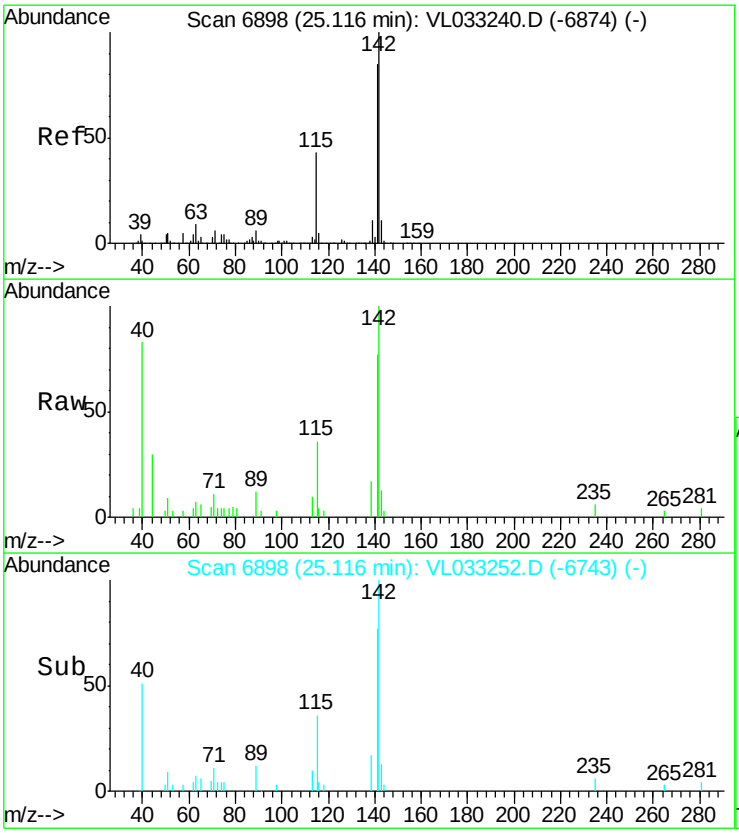


#68
1-Bromo-4-Fluorobenzene
Concen: 10.313 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion: 95 Resp: 1690667

Ion	Ratio	Lower	Upper
95	100		
174	63.4	51.0	76.4
175	4.6	3.8	5.6





#80
Naphthalene,2-methyl-
Concen: 0.120 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. -0.00 min
Lab File: VL033252.D
Acq: 6 Mar 2019 11:42

Tgt Ion:142 Resp: 11700

Ion	Ratio	Lower	Upper
142	100		
141	83.6	68.0	102.0
115	47.0	34.1	51.1