Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033522.D
Acq On : 30 Mar 2019 4:14
Operator : SY/AP
Sample : K2042-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-3-CAFETERIADL

Quant Time: Mar 30 05:25:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
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	789608	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1789229	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1780610	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1369383	9.81	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%			
Target Compounds						Qvalue
9) Propene	3.05	41	12467	0.327	ppbv	84
13) Ethanol	3.66	45	149404	15.124	ppbv	63
15) Acetone	3.90	43	89941	0.947	ppbv	99
20) Methylene Chloride	4.41	84	56775	1.409	ppbv	92
25) Ethyl Acetate	5.78	43	25997	0.148	ppbv #	86
26) Hexane	5.78	57	28158	0.360	ppbv #	45
53) Toluene	9.95	91	69077	0.396	ppbv	99

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

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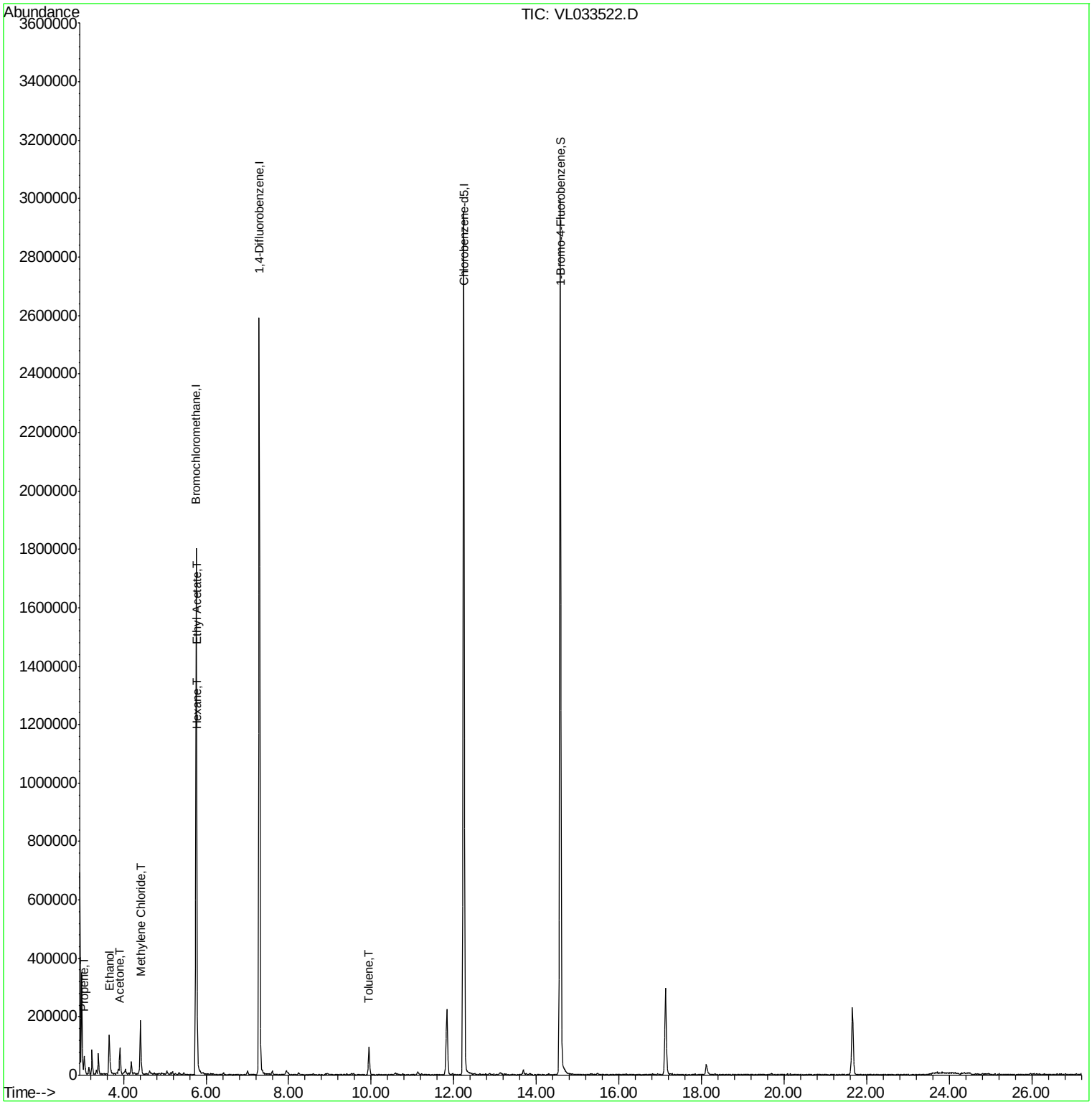
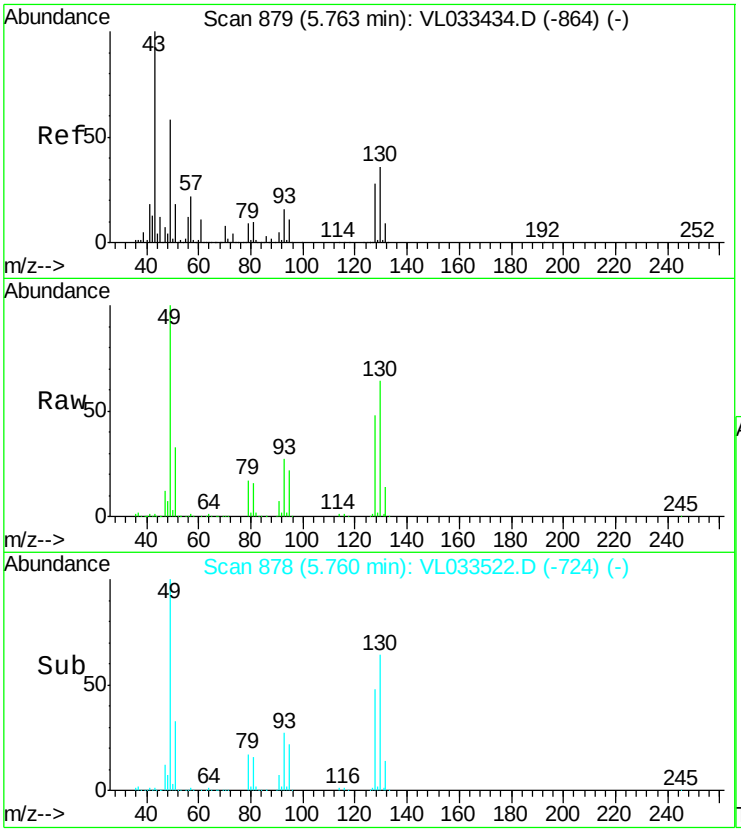


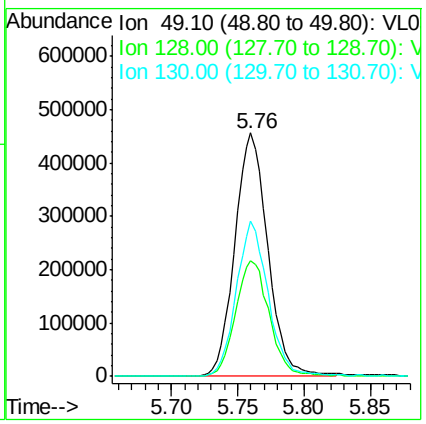


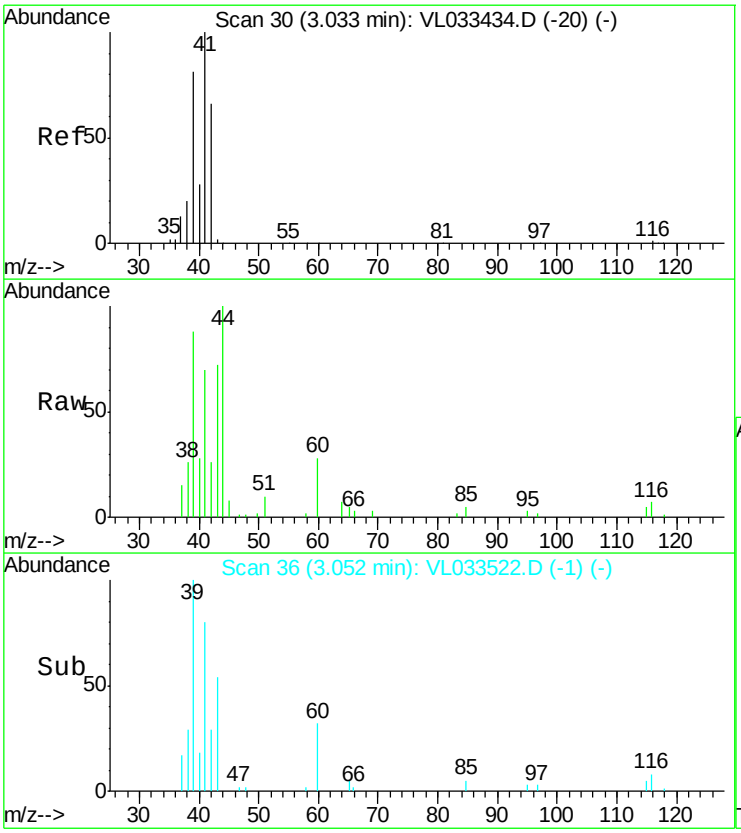
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :
SG-3-CAFETERIADL

Tgt Ion: 49 Resp: 789608

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.0	72.0
130	62.2	31.2	93.6

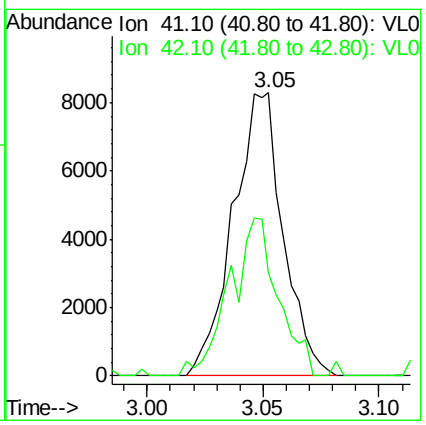


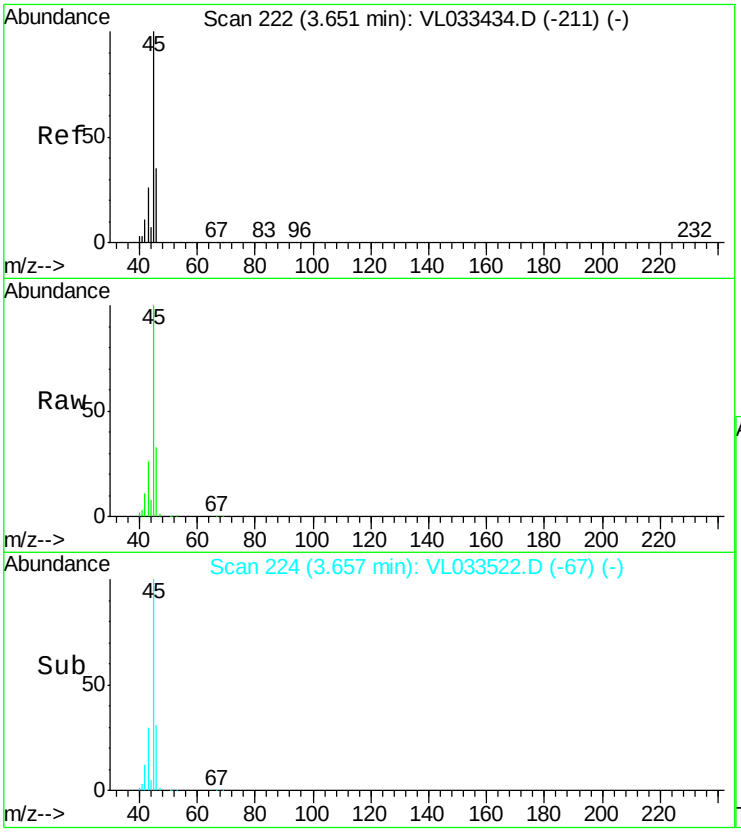


#9
Propene
Concen: 0.327 ppbv
RT: 3.05 min Scan# 36
Delta R.T. 0.02 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 41 Resp: 12467

Ion	Ratio	Lower	Upper
41	100		
42	54.9	53.9	80.9



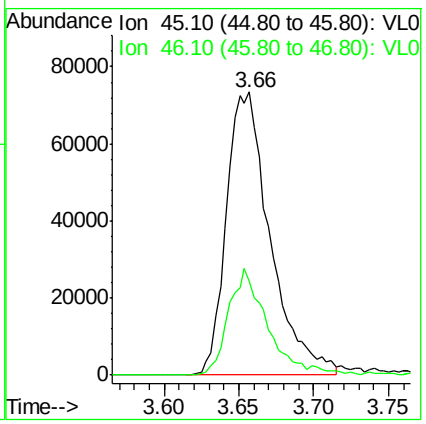


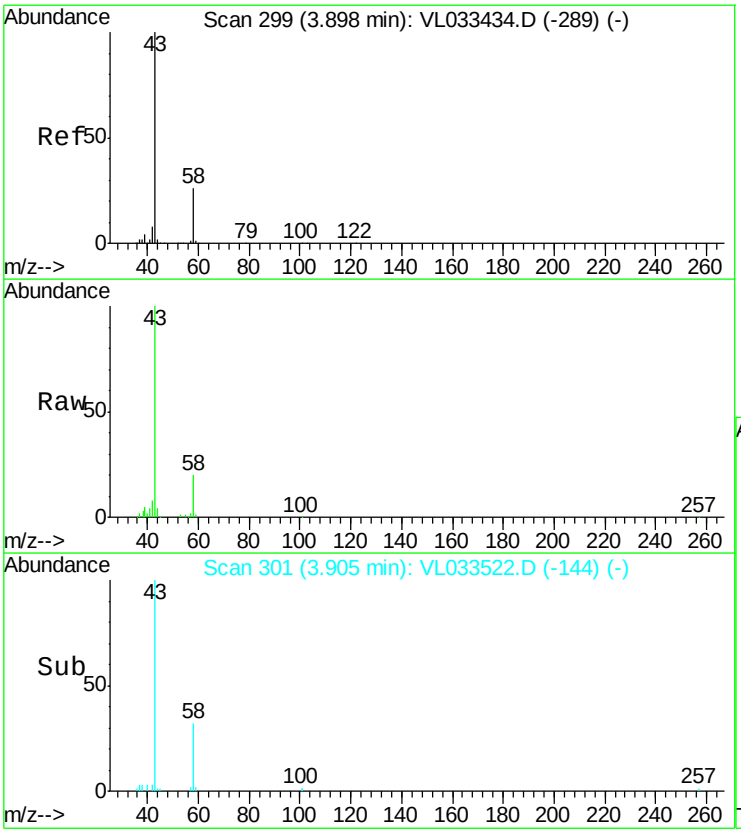
#13
Ethanol
Concen: 15.124 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :
SG-3-CAFETERIADL

Tgt Ion: 45 Resp: 149404

Ion	Ratio	Lower	Upper
45	100		
46	34.6	25.4	101.8

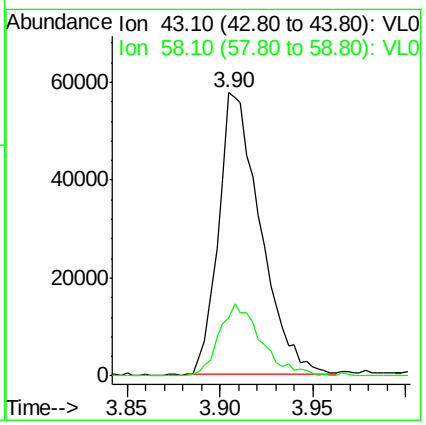


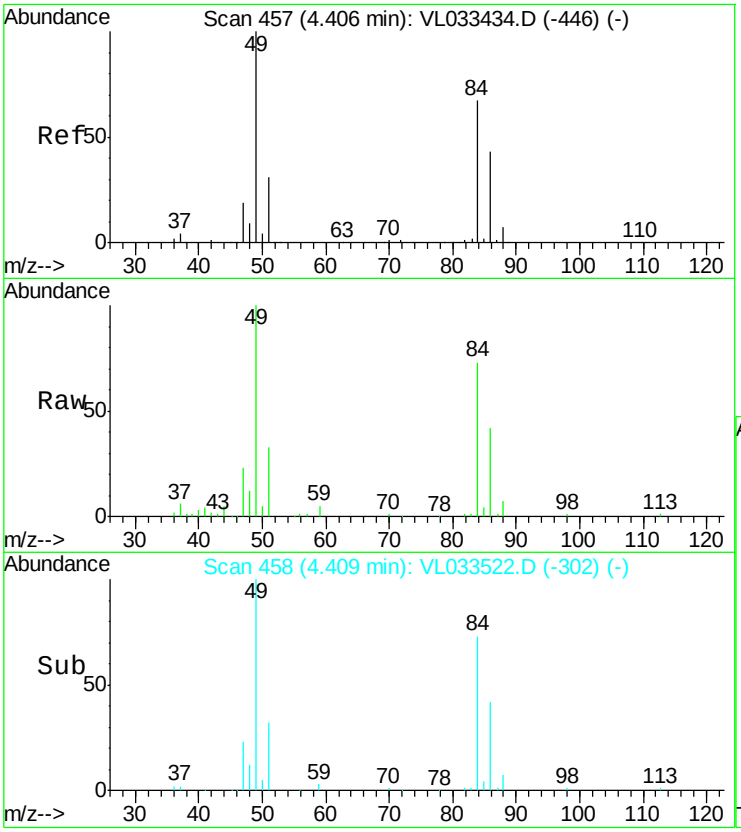


#15
Acetone
Concen: 0.947 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 43 Resp: 89941

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.5	30.7



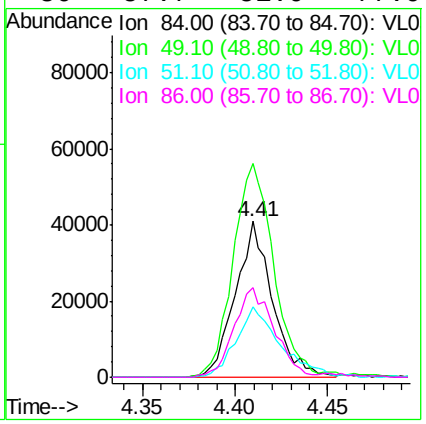


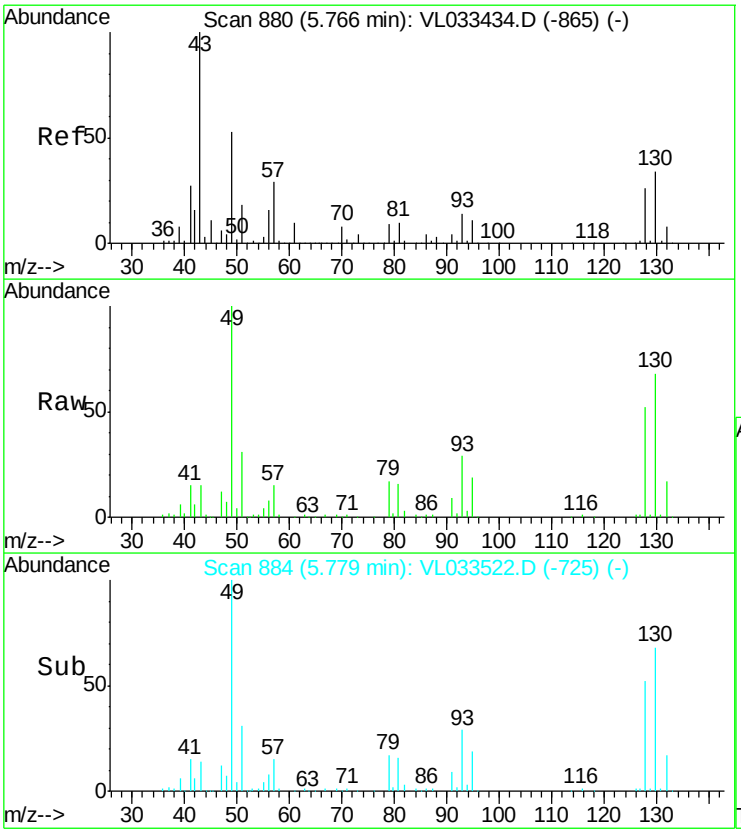
#20
Methylene Chloride
Concen: 1.409 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument : MSVOA_L
ClientSampleId : SG-3-CAFETERIADL

Tgt Ion: 84 Resp: 56775

Ion	Ratio	Lower	Upper
84	100		
49	136.8	120.0	180.0
51	45.0	36.7	55.1
86	57.7	51.9	77.9

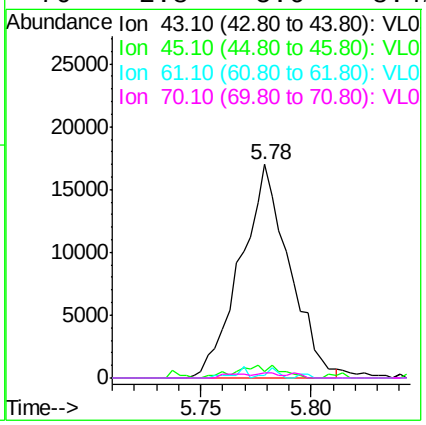


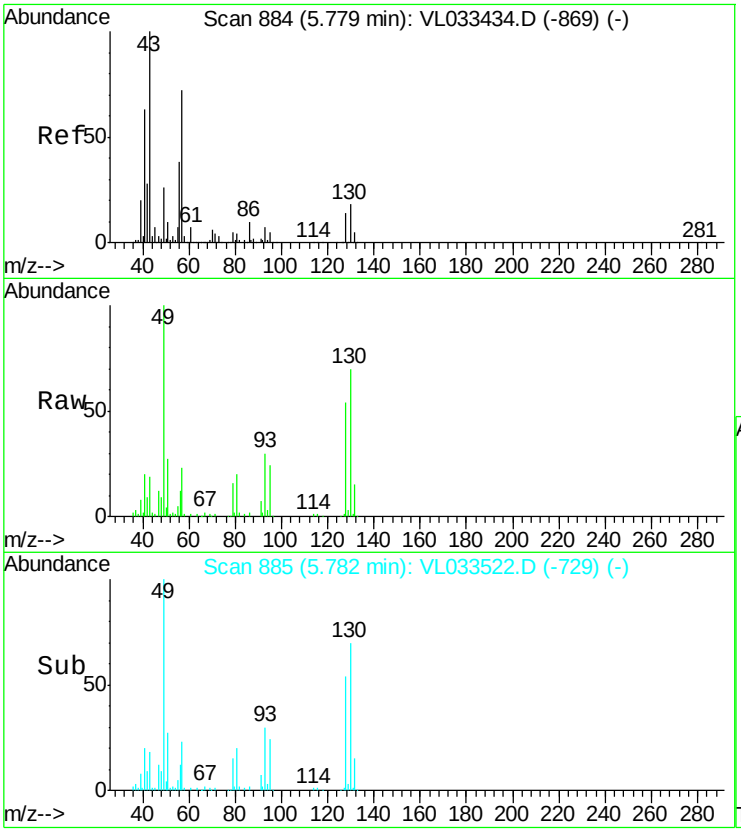


#25
Ethyl Acetate
Concen: 0.148 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 43 Resp: 25997

Ion	Ratio	Lower	Upper
43	100		
45	5.5	7.8	11.6#
61	3.0	7.3	10.9#
70	2.8	5.6	8.4#



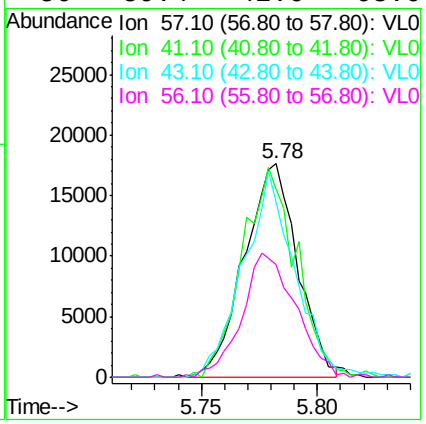


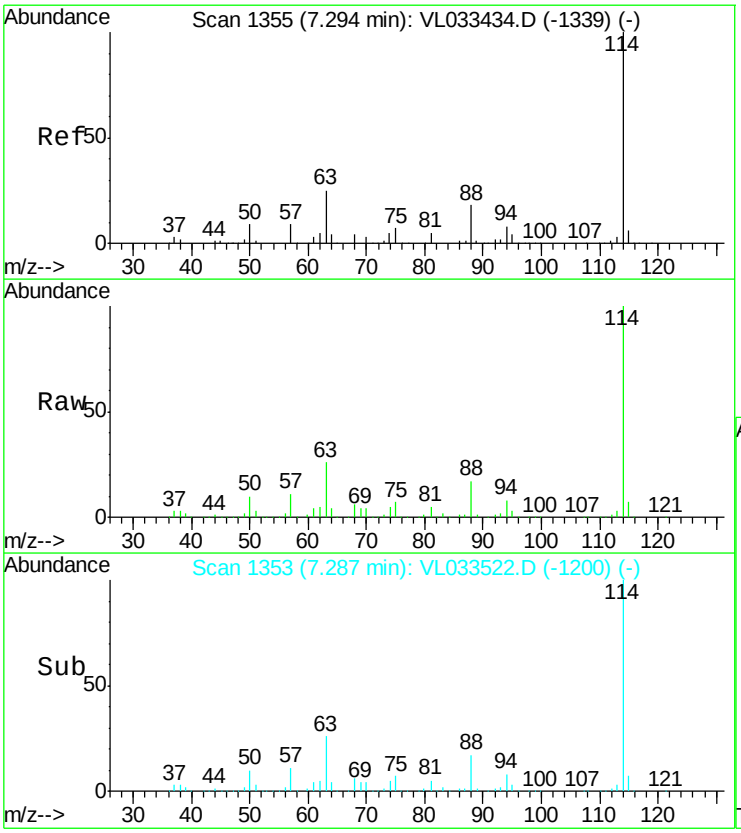
#26
Hexane
Concen: 0.360 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :
SG-3-CAFETERIADL

Tgt Ion: 57 Resp: 28158

Ion	Ratio	Lower	Upper
57	100		
41	100.4	70.7	106.1
43	93.9	182.6	274.0#
56	59.4	42.0	63.0

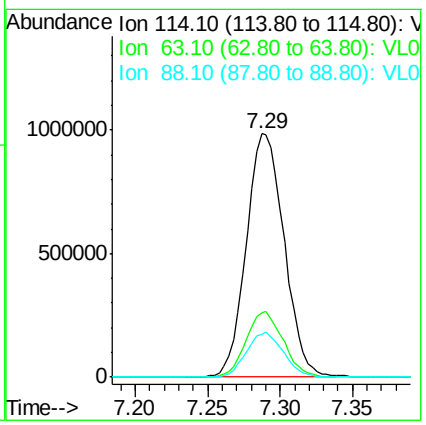


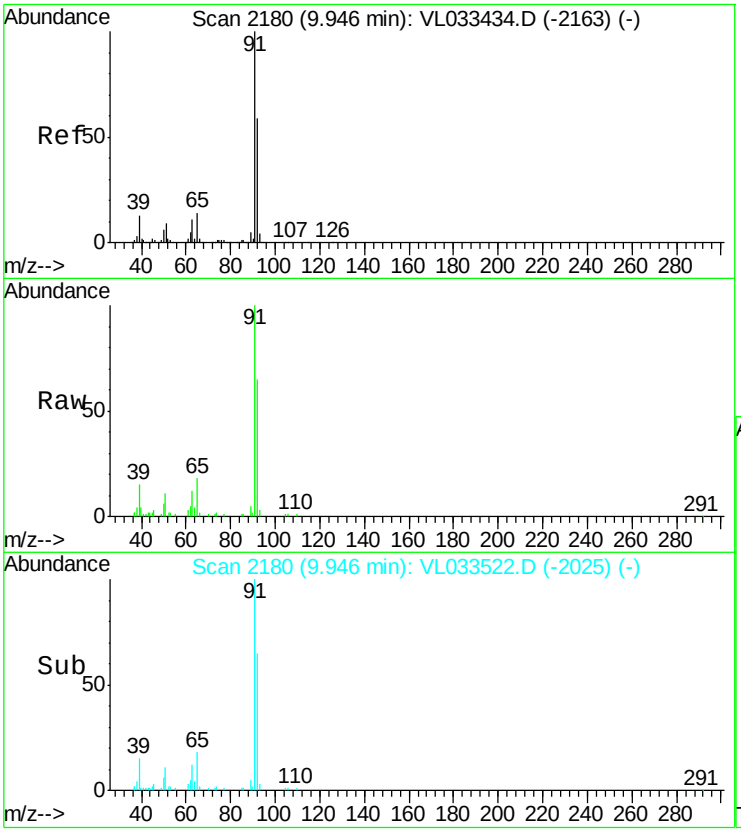


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion:114 Resp: 1789229

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.5	32.3
88	17.9	14.5	21.7



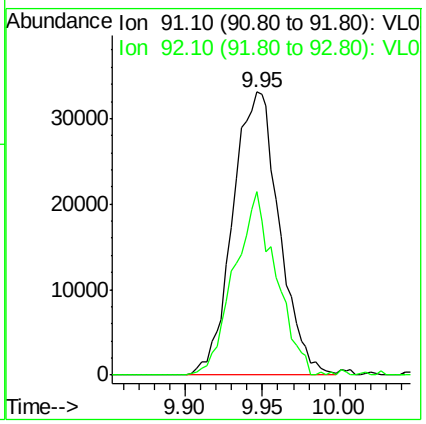


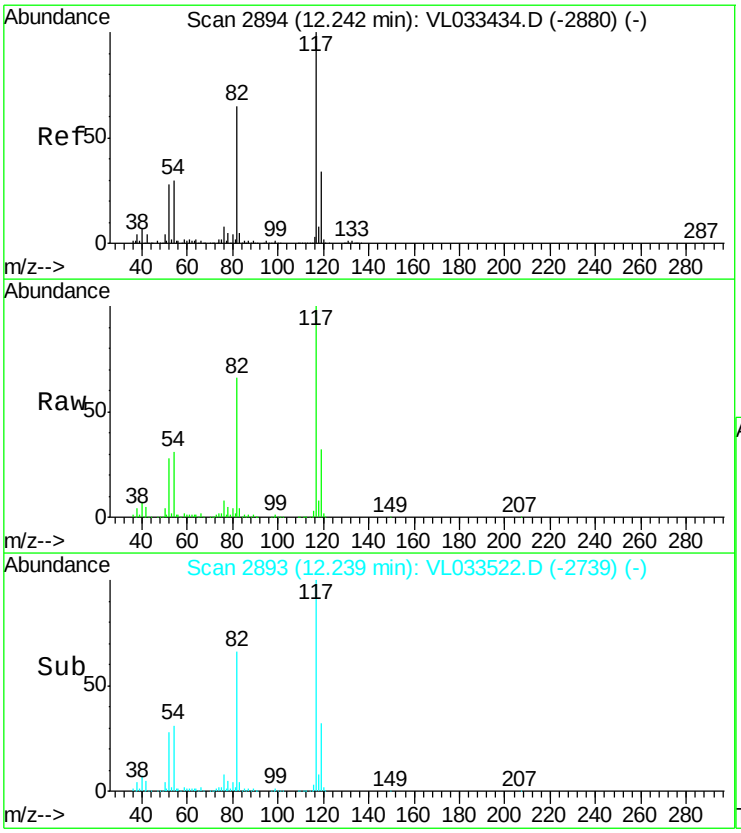
#53
Toluene
Concen: 0.396 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :
SG-3-CAFETERIADL

Tgt Ion: 91 Resp: 69077

Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.4	71.0

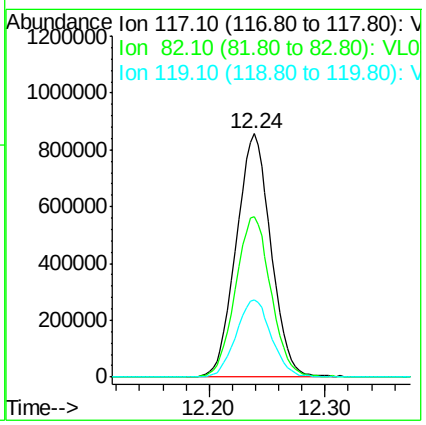


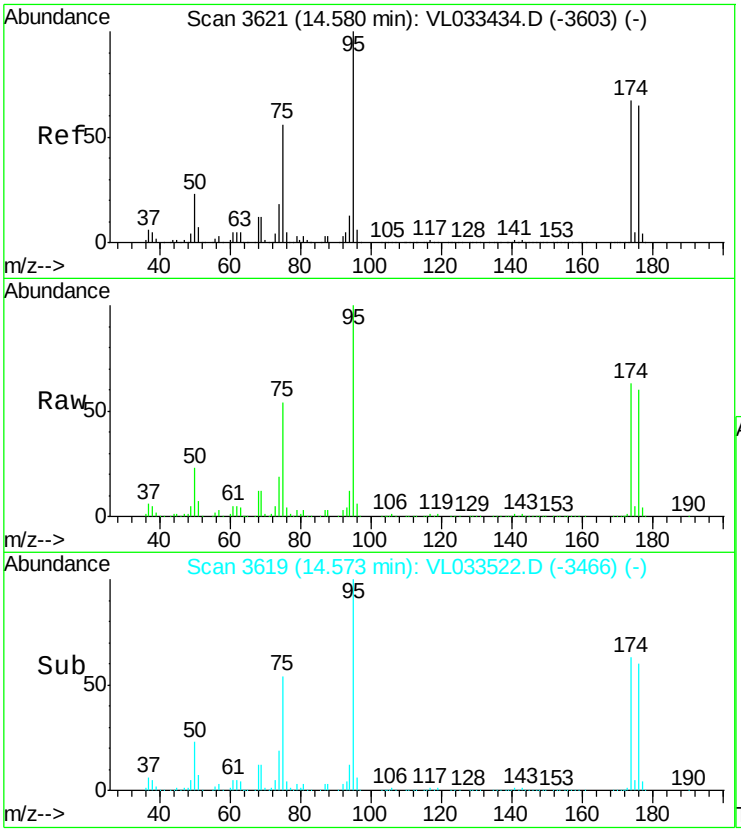


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion:117 Resp: 1780610

Ion	Ratio	Lower	Upper
117	100		
82	67.8	51.5	77.3
119	32.2	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.810 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :
SG-3-CAFETERIADL

Tgt Ion: 95 Resp: 1369383

Ion	Ratio	Lower	Upper
95	100		
174	66.7	52.9	79.3
175	4.8	3.8	5.6