Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021419\

Quantitation Report (Not Reviewed)

Data File : VL033220.D
Acq On : 15 Feb 2019 5:28
Operator : SY/AP
Sample : K1483-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 15 06:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	739974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1923493	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1920008	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1565641	10.59	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.02	51	5201	0.058	ppbv	95
13) Ethanol	3.67	45	3490	0.243	ppbv #	37
15) Acetone	3.92	43	33915	0.407	ppbv	96
17) tert-Butyl alcohol	4.39	59	1664	0.105	ppbv #	74
20) Methylene Chloride	4.41	84	10504	0.317	ppbv	92
25) Ethyl Acetate	5.78	43	6849	0.037	ppbv #	77
26) Hexane	5.79	57	4377	0.050	ppbv #	32
39) 1,2-Dichloropropane	7.29	63	516546	6.709	ppbv #	26

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021419\

Quantitation Report (Not Reviewed)

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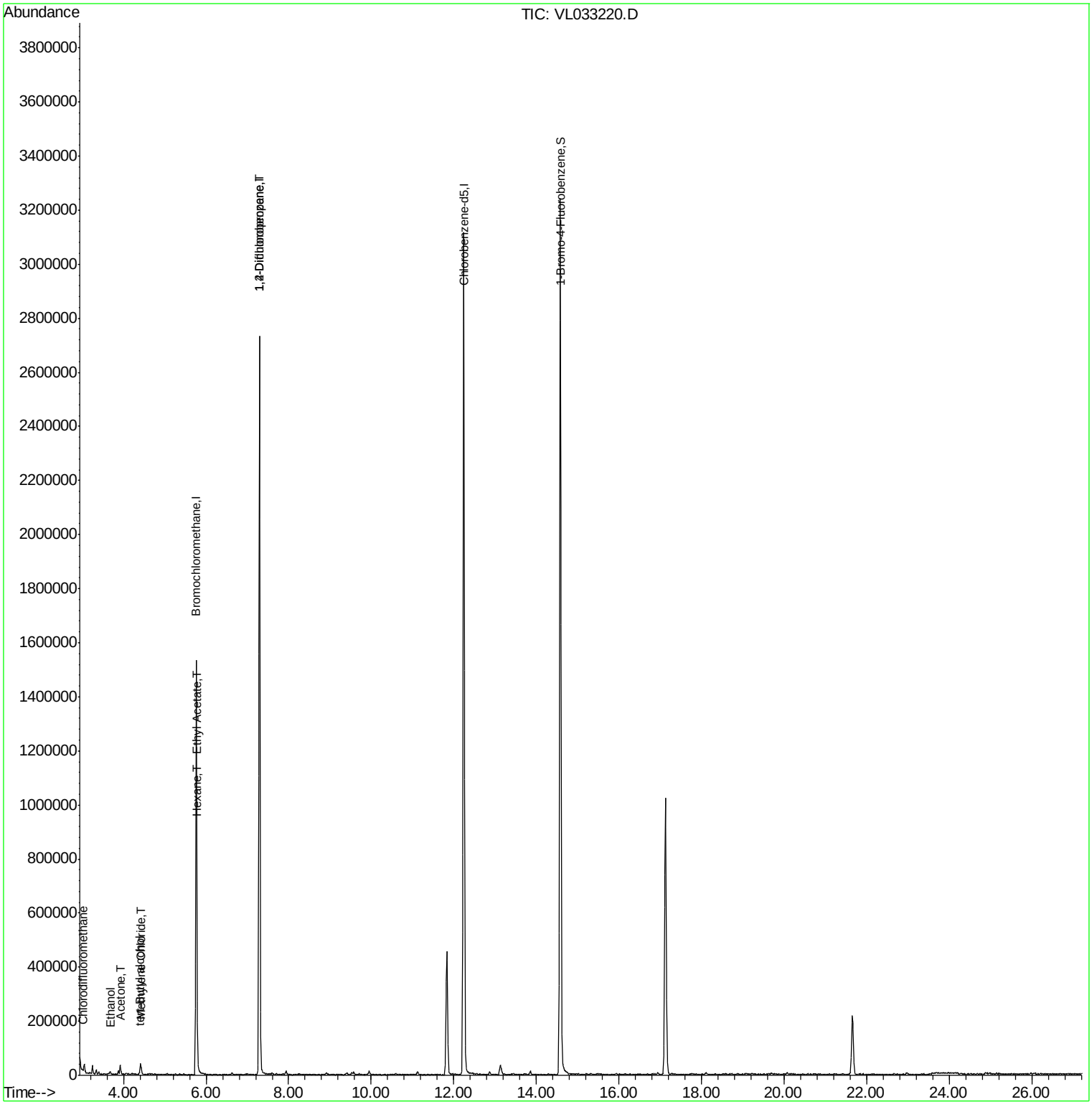
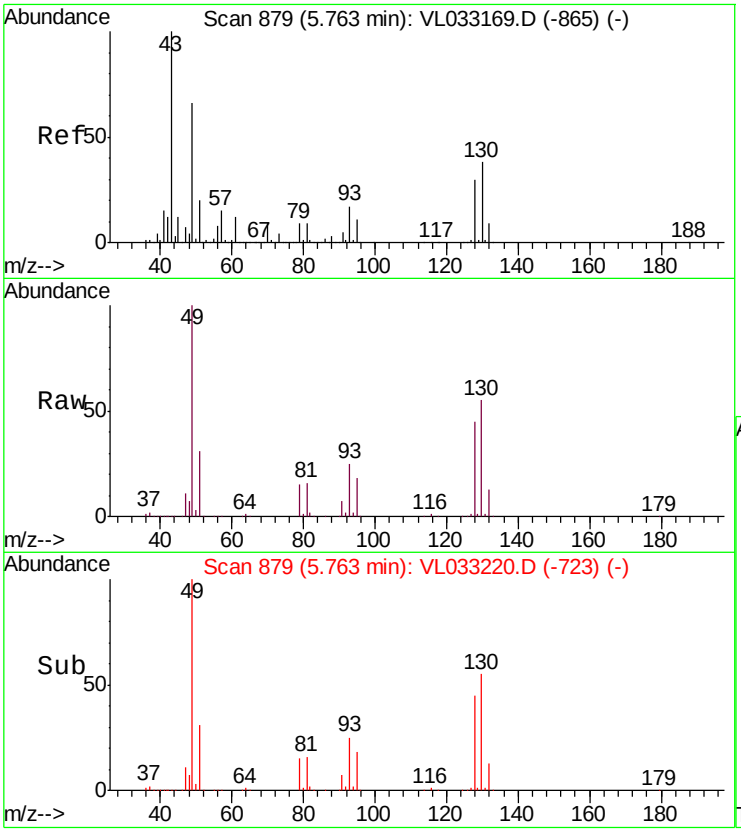
Acq On : 15 Feb 2019 5:28
Operator : SY/AP
Sample : K1483-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 15 06:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

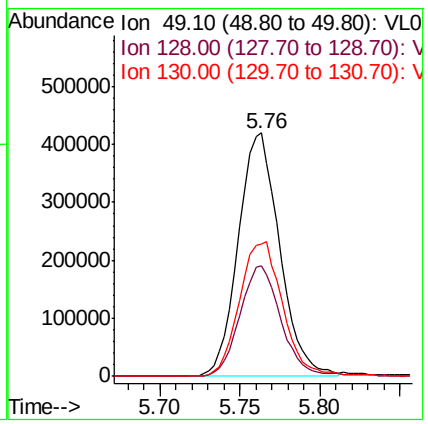


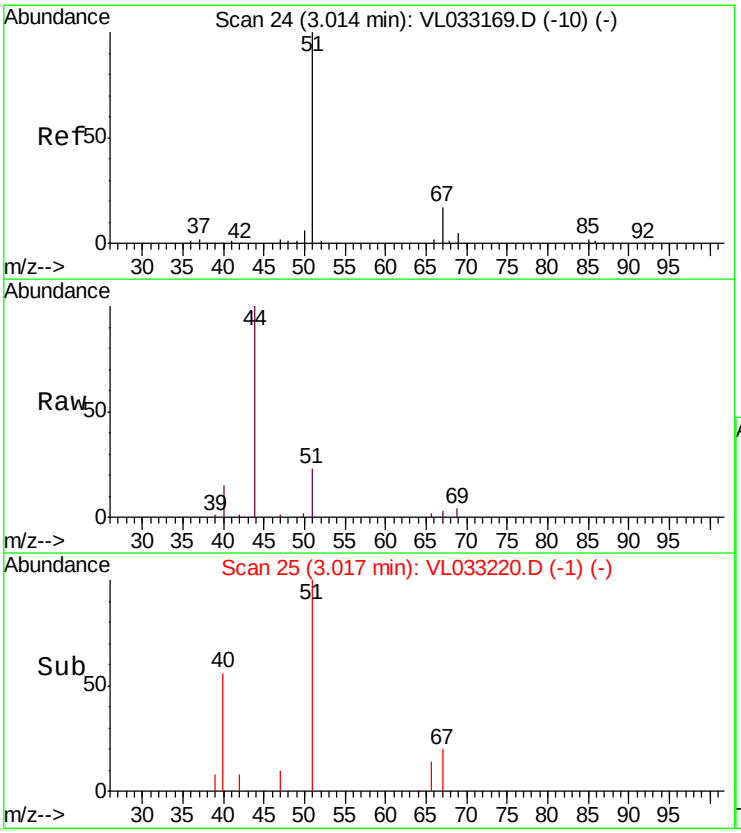


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 49 Resp: 739974

Ion	Ratio	Lower	Upper
49	100		
128	45.2	23.6	71.0
130	58.7	30.3	91.0

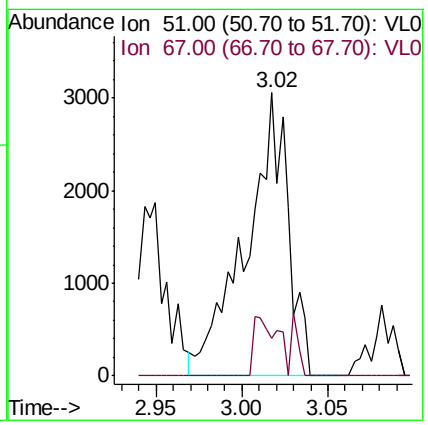


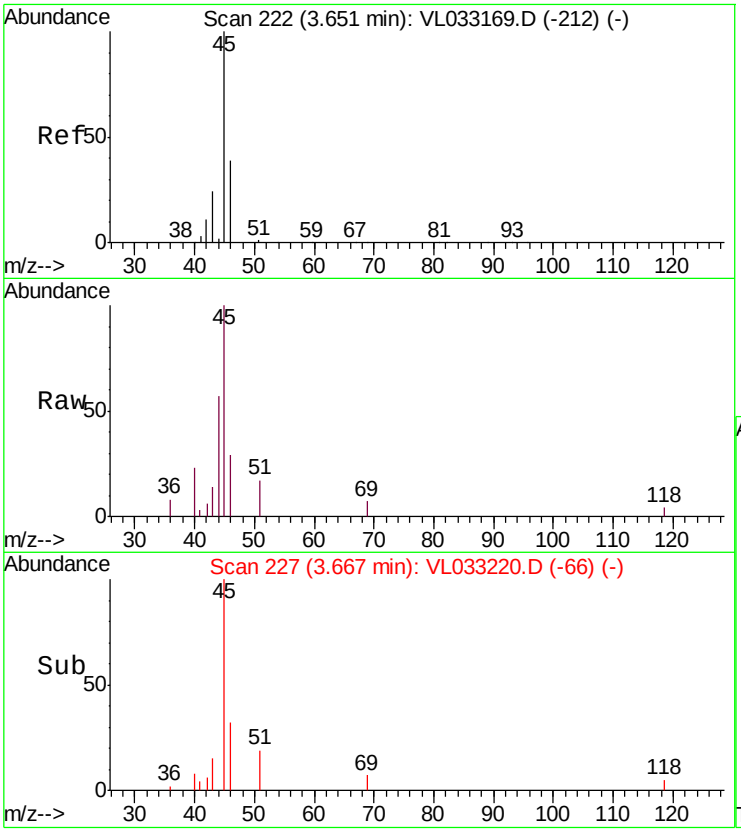


#3
Chlorodifluoromethane
Concen: 0.058 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 51 Resp: 5201

Ion	Ratio	Lower	Upper
51	100		
67	15.1	14.0	21.0

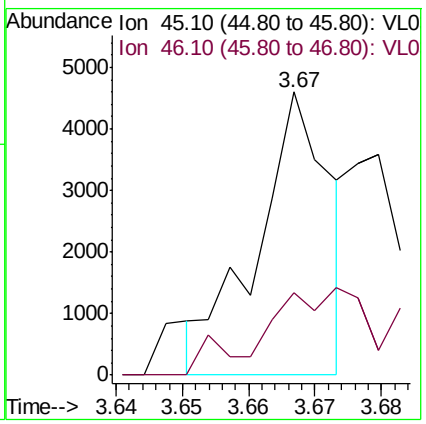


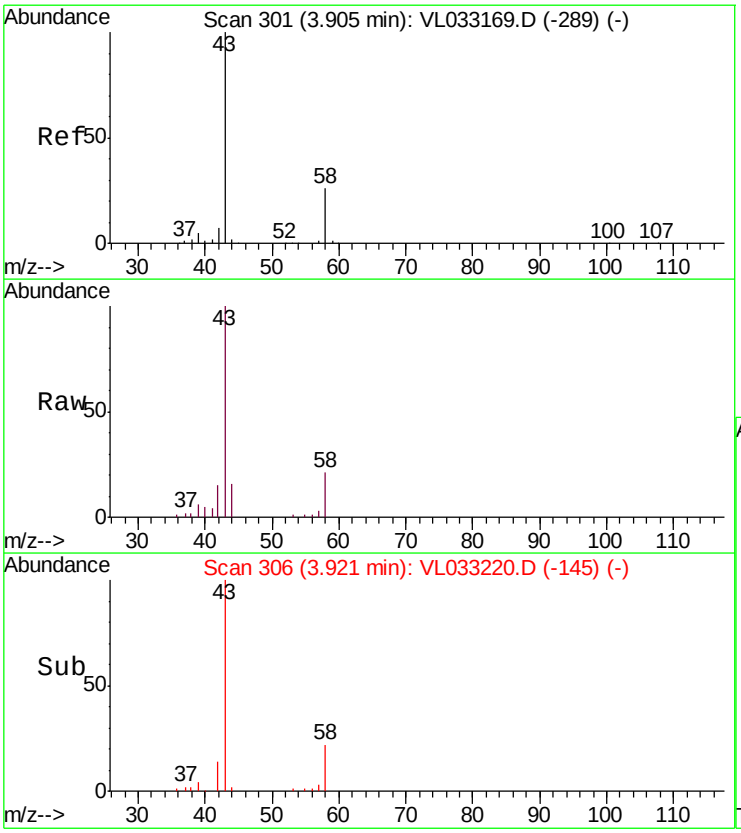


#13
Ethanol
Concen: 0.243 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 45 Resp: 3490

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.2#

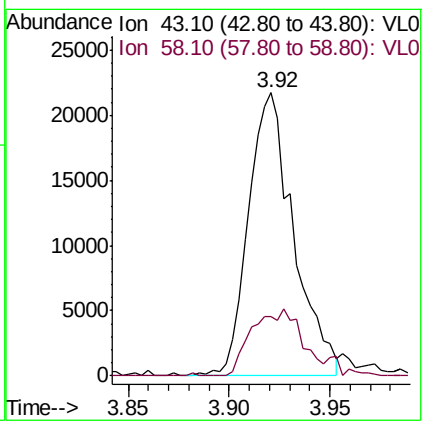


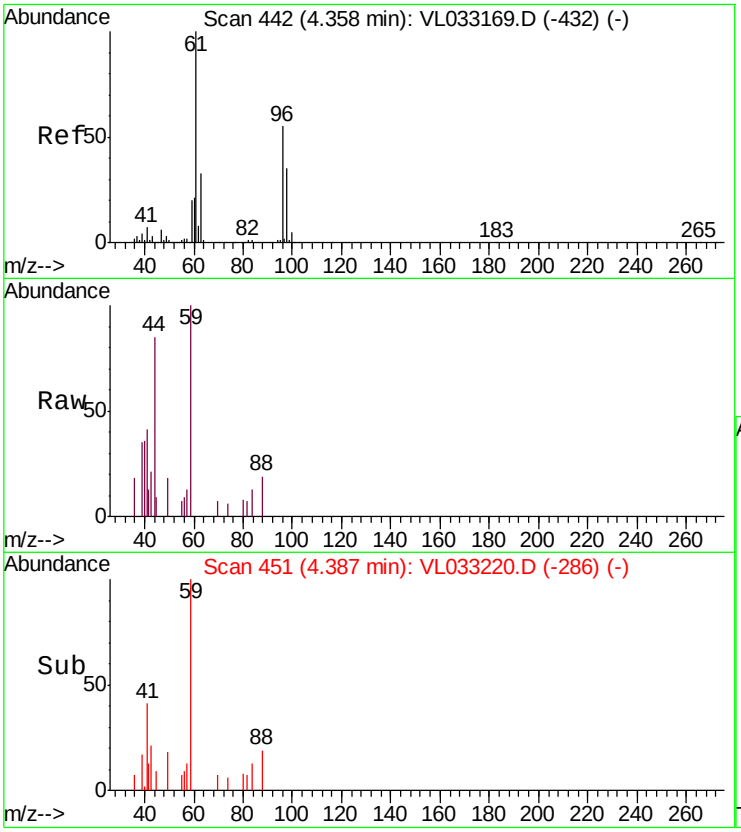


#15
Acetone
Concen: 0.407 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.02 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 43 Resp: 33915

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.1	31.7

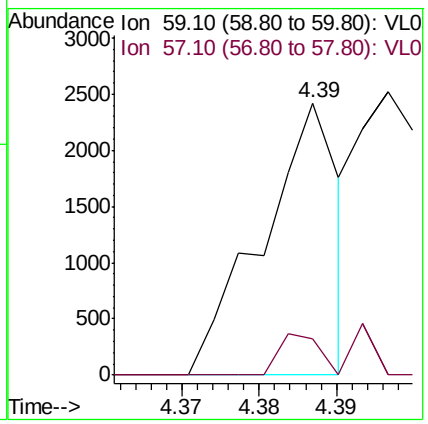


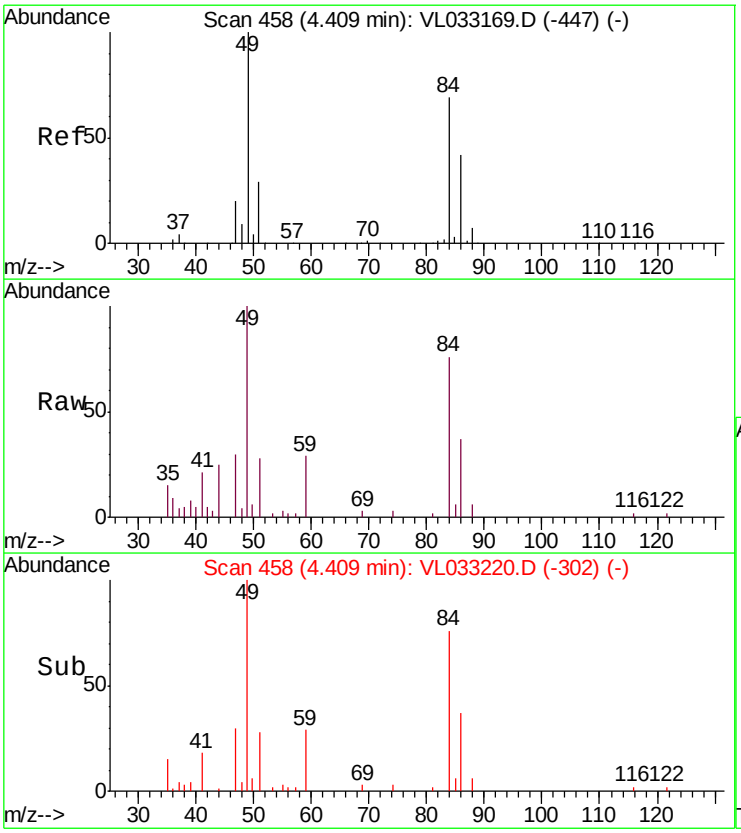


#17
tert-Butyl alcohol
Concen: 0.105 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.03 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 59 Resp: 1664

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#

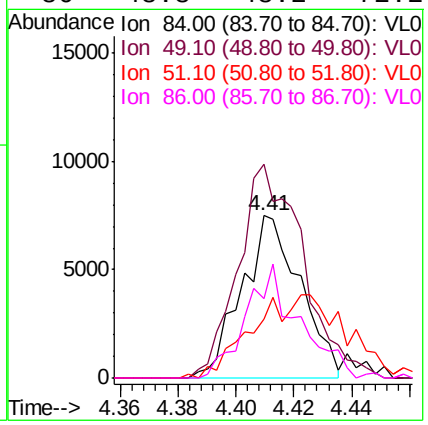


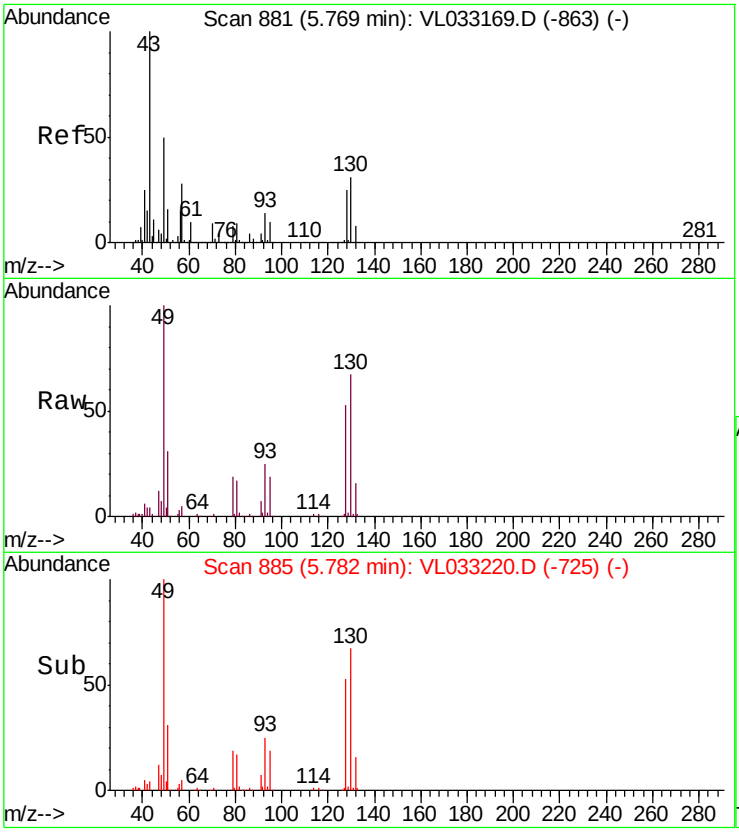


#20
Methylene Chloride
Concen: 0.317 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 84 Resp: 10504

Ion	Ratio	Lower	Upper
84	100		
49	139.5	115.8	173.8
51	34.6	33.0	49.6
86	48.8	48.2	72.2

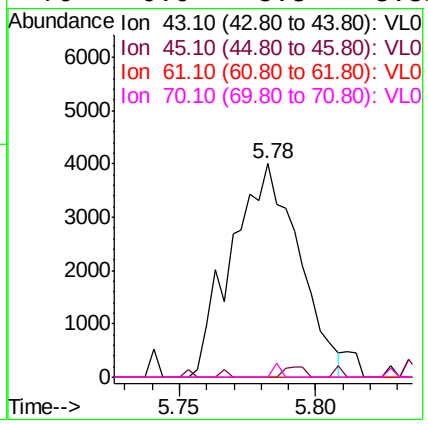


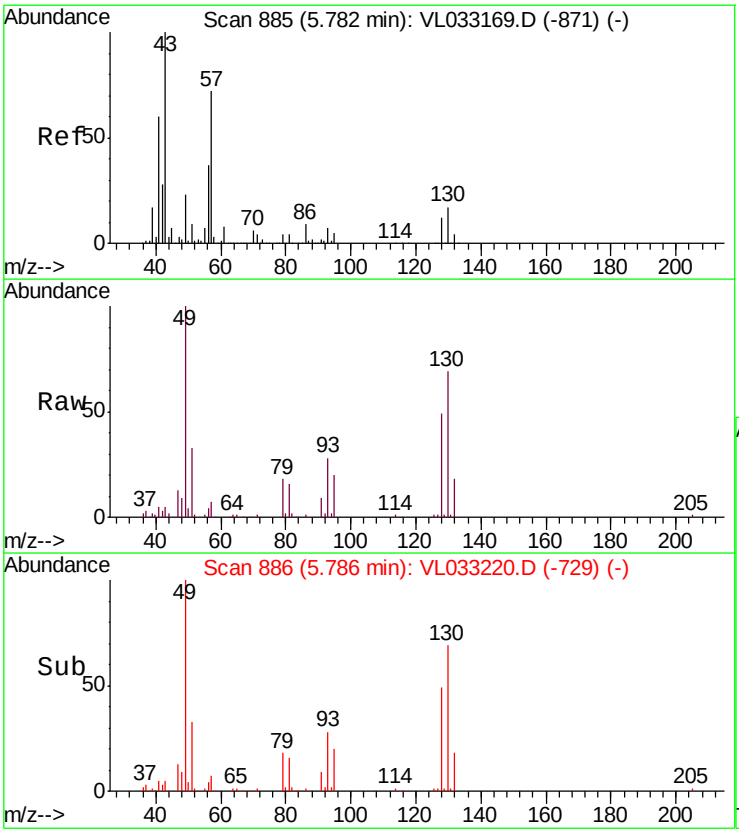


#25
Ethyl Acetate
Concen: 0.037 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 43 Resp: 6849

Ion	Ratio	Lower	Upper
43	100		
45	1.5	7.9	11.9#
61	0.0	7.5	11.3#
70	0.0	5.8	8.8#

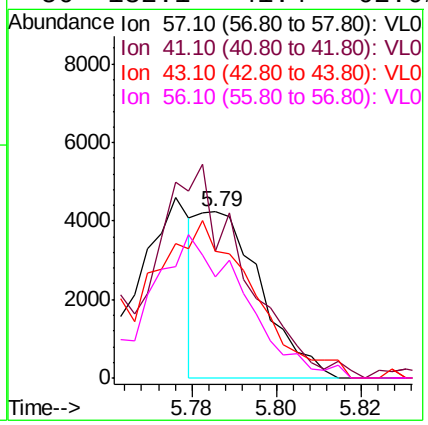


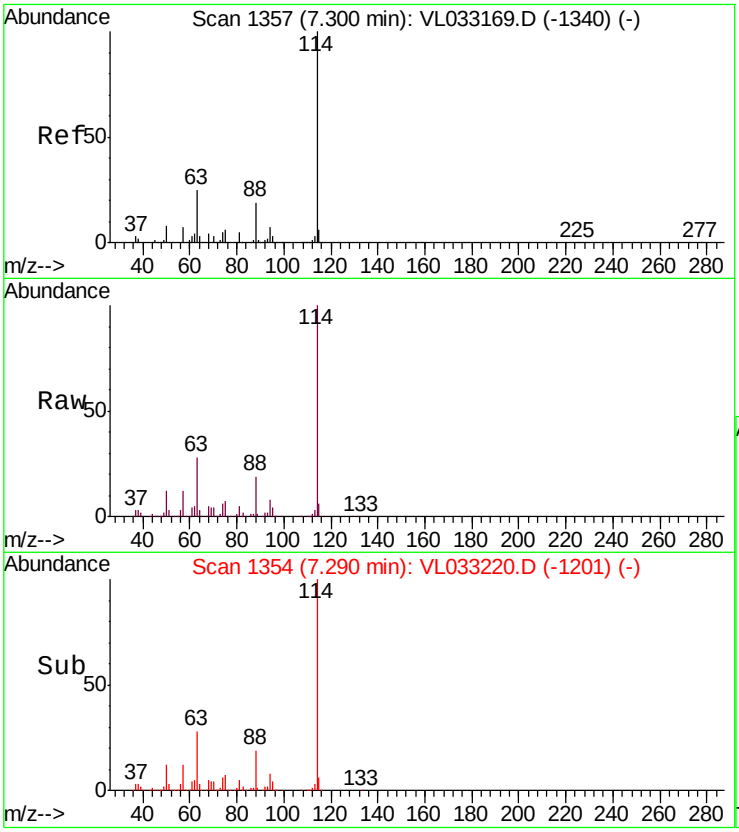


#26
Hexane
Concen: 0.050 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 57 Resp: 4377

Ion	Ratio	Lower	Upper
57	100		
41	196.1	69.4	104.2#
43	161.5	176.7	265.1#
56	132.1	41.4	62.0#

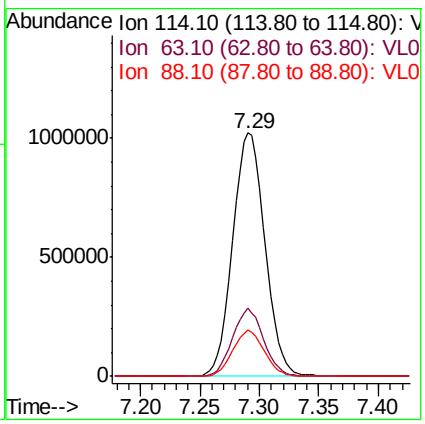


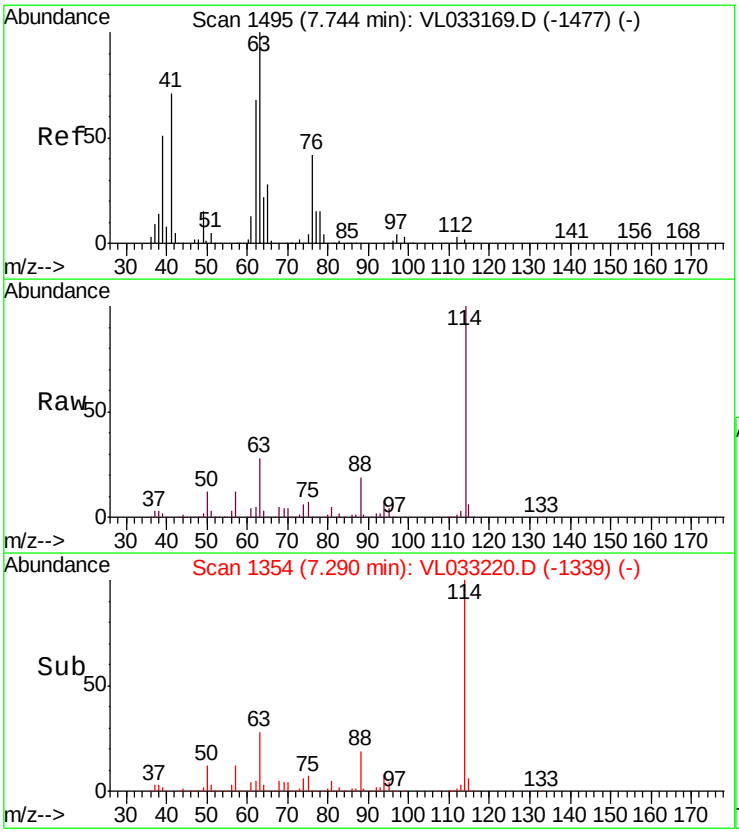


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion:114 Resp: 1923493

Ion	Ratio	Lower	Upper
114	100		
63	27.1	20.8	31.2
88	18.5	14.6	22.0

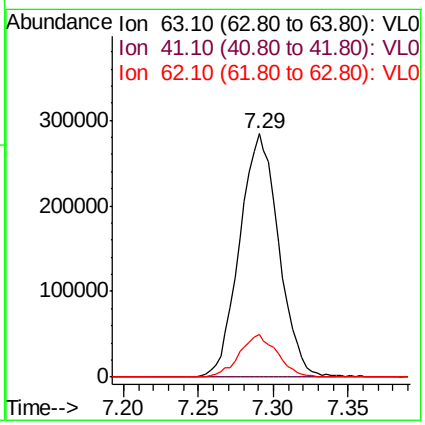


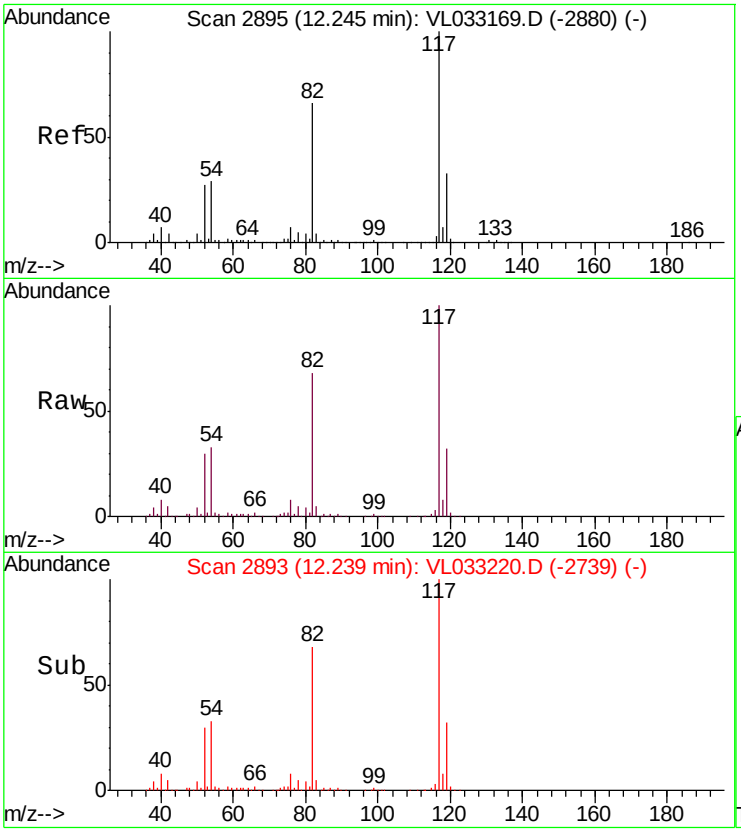


#39
1,2-Dichloropropane
Concen: 6.709 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 63 Resp: 516546

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.4	84.6#
62	17.3	54.2	81.4#

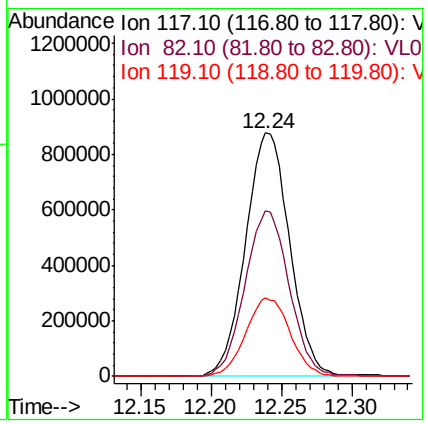


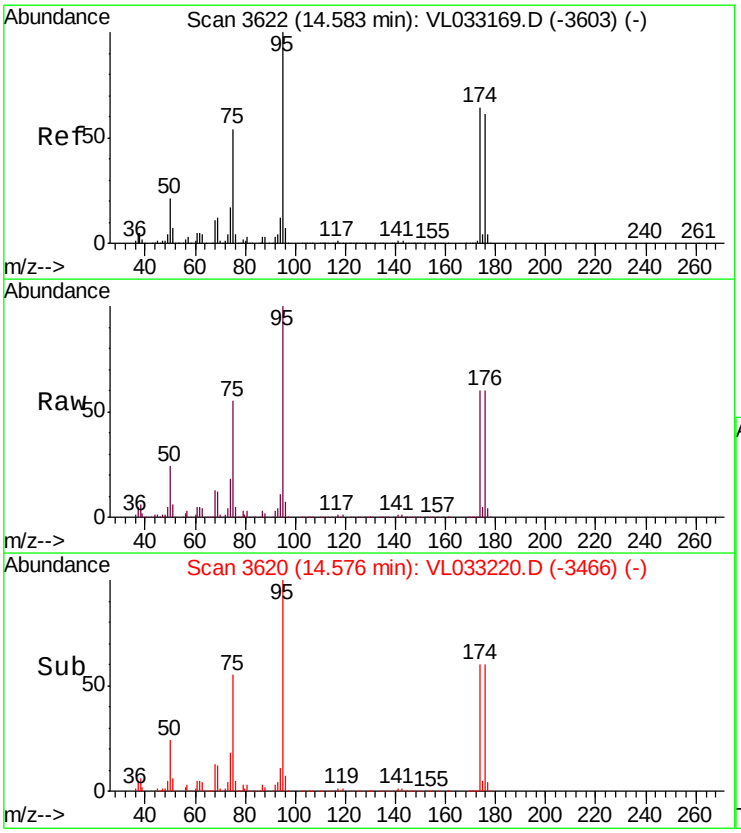


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion:117 Resp: 1920008

Ion	Ratio	Lower	Upper
117	100		
82	68.5	49.5	74.3
119	32.5	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.588 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033220.D
Acq: 15 Feb 2019 5:28

Tgt Ion: 95 Resp: 1565641

Ion	Ratio	Lower	Upper
95	100		
174	63.4	51.2	76.8
175	4.7	3.8	5.6