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

Quantitation Report (Not Reviewed)

Data File : VL033226.D
Acq On : 15 Feb 2019 11:03
Operator : SY/AP
Sample : K1483-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 16 04:14:08 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	705947	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1601913	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1887851	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1524370	10.48	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.80%			
Target Compounds						Qvalue
7) Chloroethane	3.60	64	2822	0.184	ppbv #	83
9) Propene	3.04	41	2385	0.058	ppbv #	15
12) 1,1,2-Trichlorotrifluoroet	4.55	101	4061	0.054	ppbv #	14
15) Acetone	3.92	43	32271	0.406	ppbv	100
18) 1,1-Dichloroethene	4.36	96	3019	0.089	ppbv	98
20) Methylene Chloride	4.41	84	19099	0.604	ppbv #	86
24) 1,1-Dichloroethane	5.09	63	159427	1.635	ppbv	100
25) Ethyl Acetate	5.78	43	9189	0.051	ppbv #	78
26) Hexane	5.78	57	12457	0.148	ppbv #	38
32) 1,1,1-Trichloroethane	6.62	97	792450	5.594	ppbv	97
37) 1,2-Dichloroethane	6.62	62	58412	0.649	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	433570	6.762	ppbv #	26

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

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

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QLast Update : Wed Feb 06 09:13:11 2019
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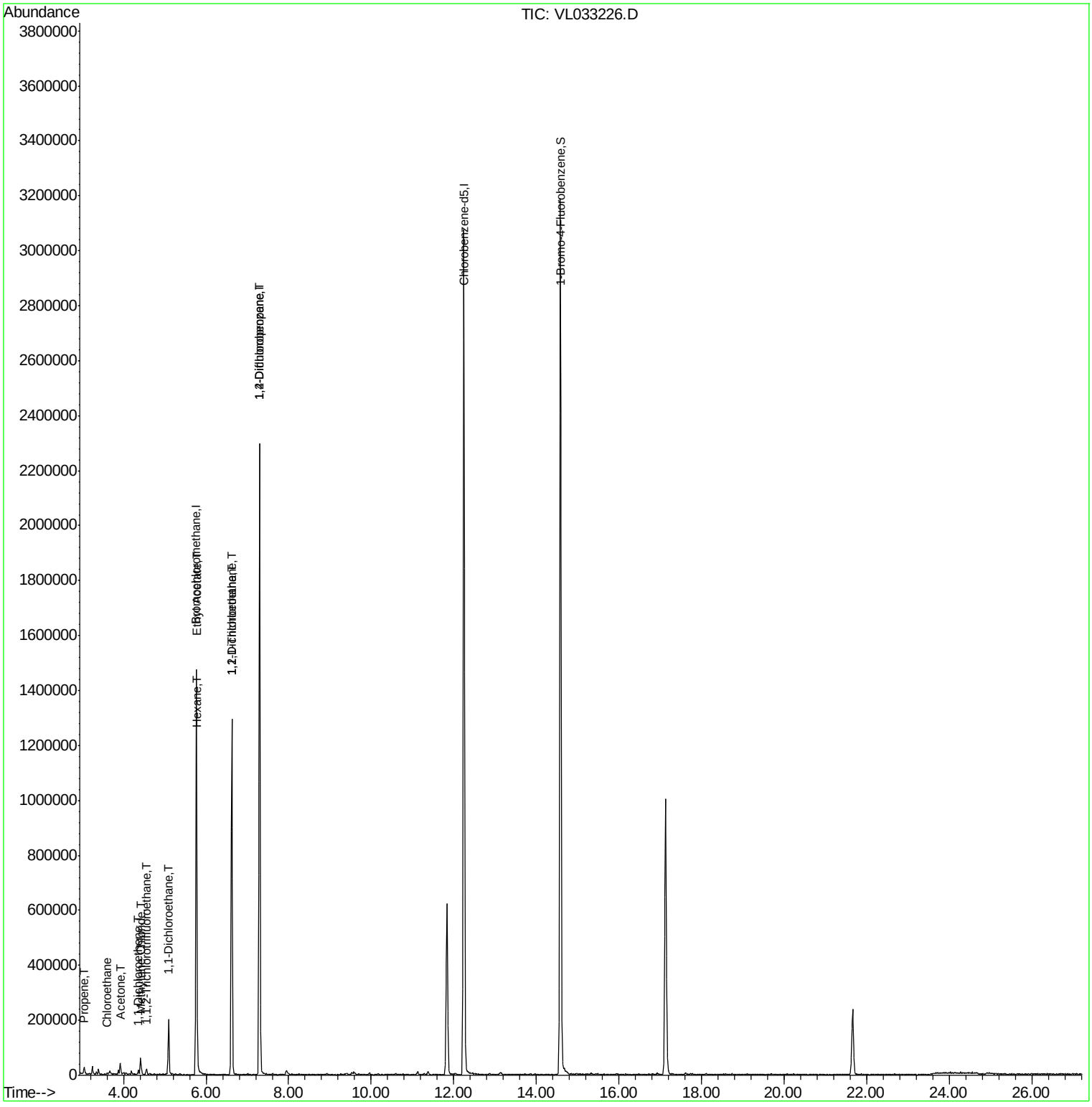
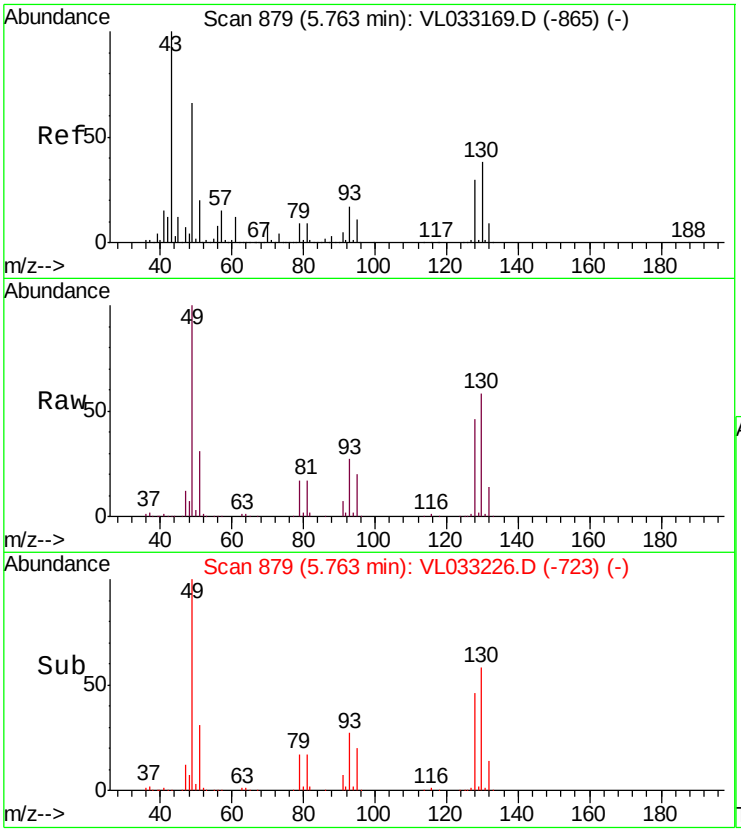
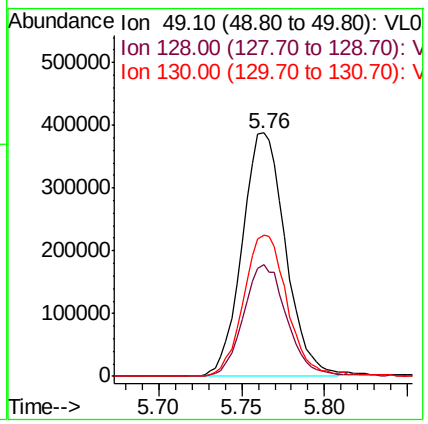


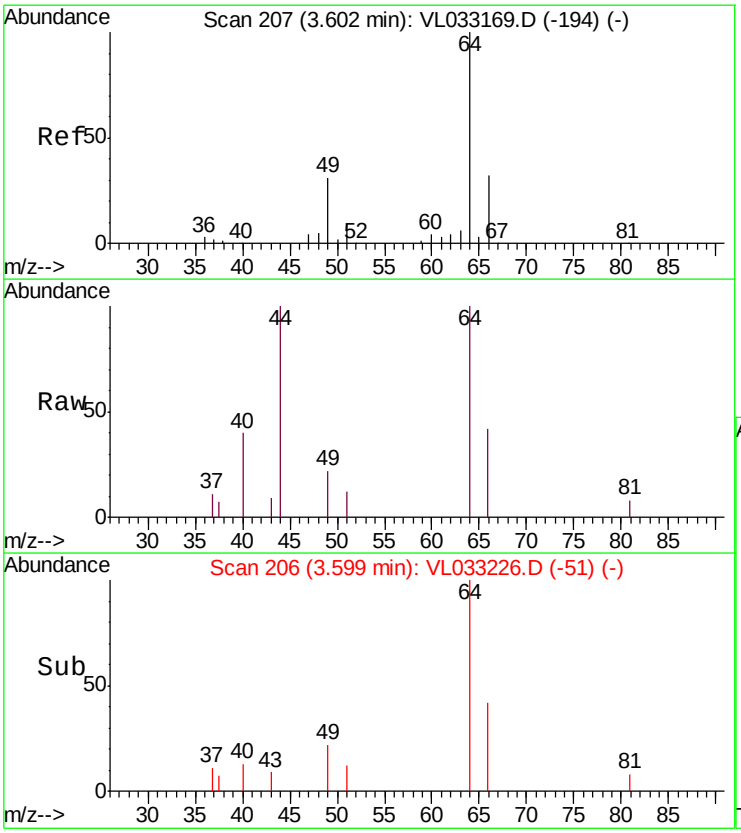


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 49 Resp: 705947

Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.6	71.0
130	59.1	30.3	91.0

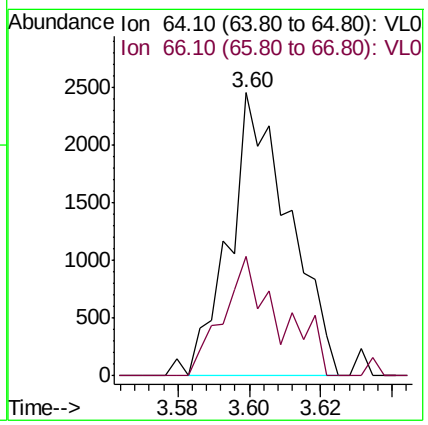


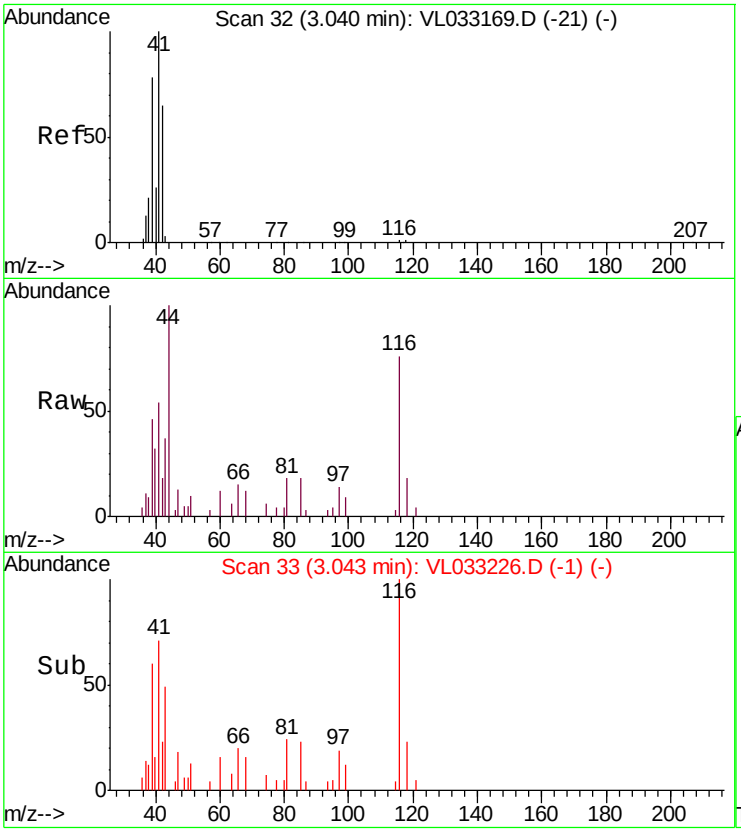


#7
Chloroethane
Concen: 0.184 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 64 Resp: 2822

Ion	Ratio	Lower	Upper
64	100		
66	42.3	26.0	39.0#

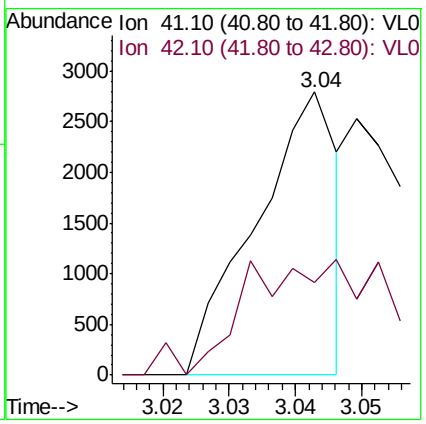


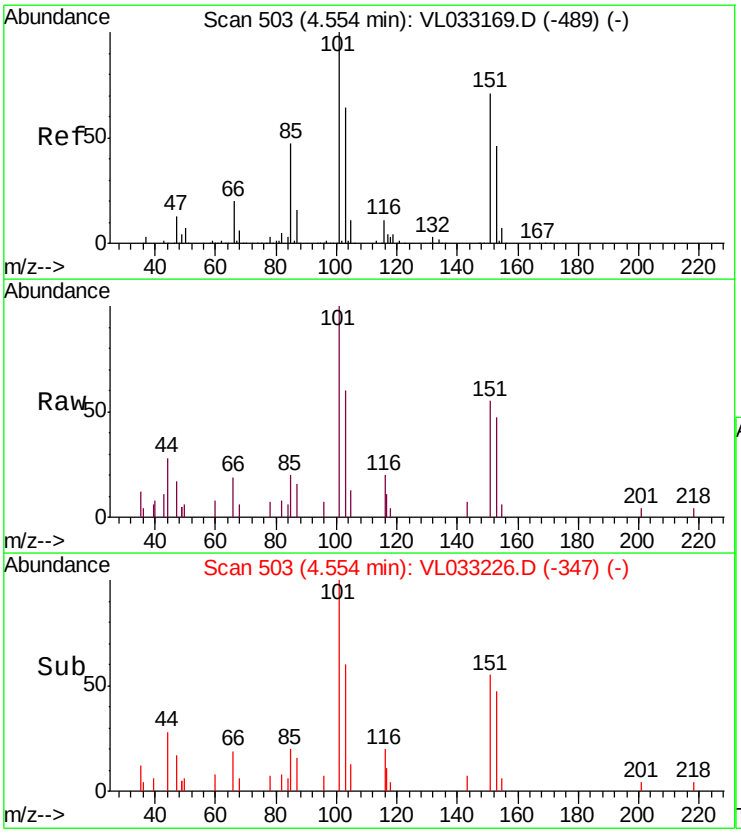


#9
Propene
Concen: 0.058 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 41 Resp: 2385

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.0	82.6#

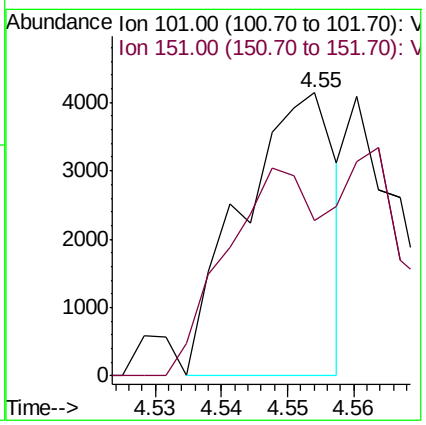


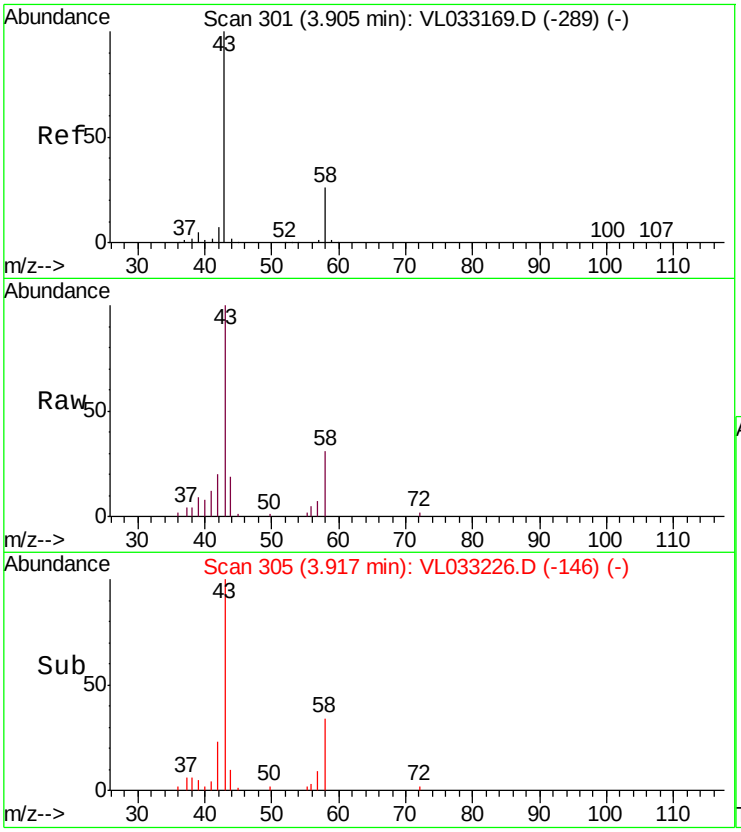


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.054 ppbv
RT: 4.55 min Scan# 503
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion:101 Resp: 4061

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.4	86.0#

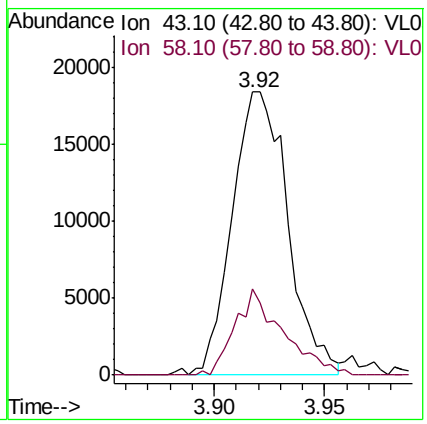


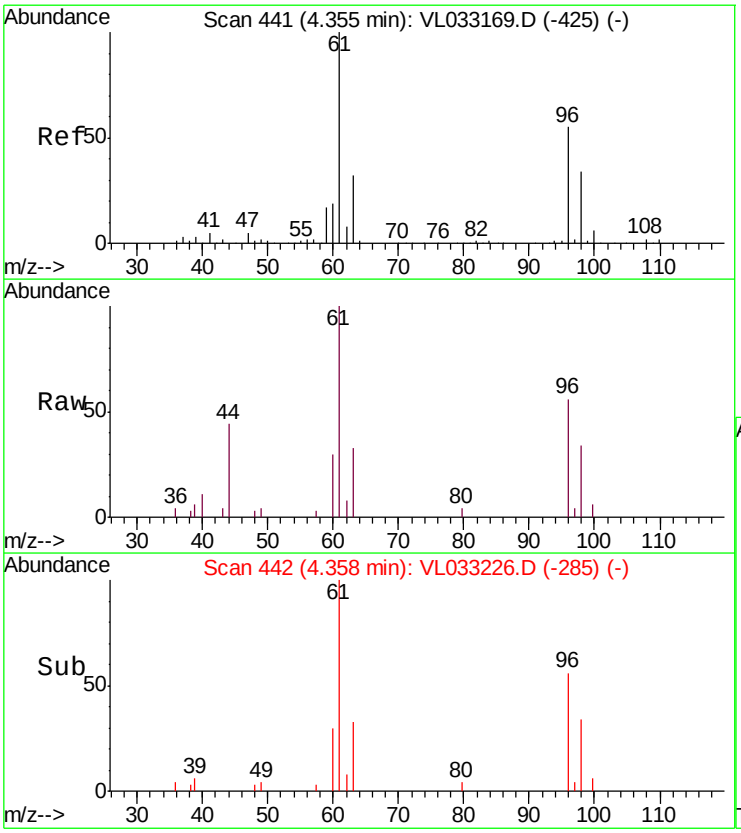


#15
Acetone
Concen: 0.406 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 43 Resp: 32271

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.1	31.7

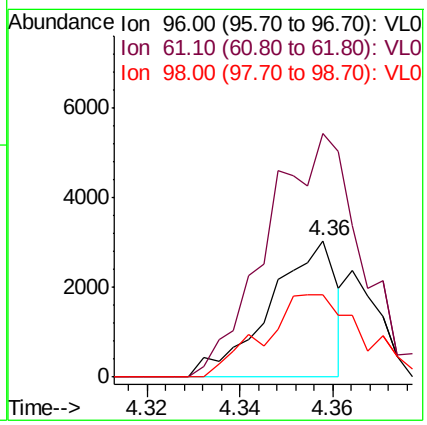


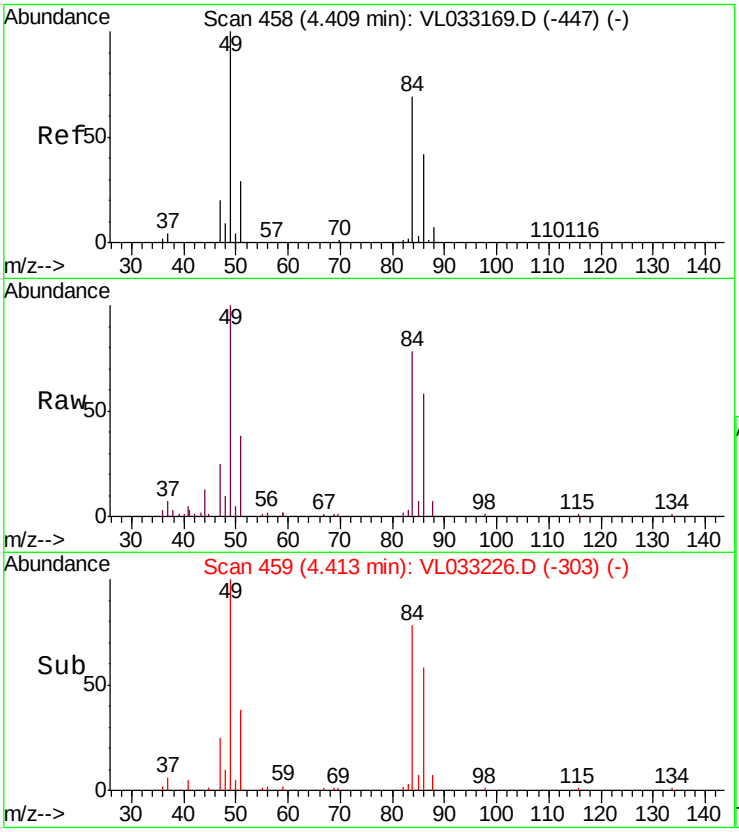


#18
1,1-Dichloroethene
Concen: 0.089 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 96 Resp: 3019

Ion	Ratio	Lower	Upper
96	100		
61	178.6	145.0	217.6
98	60.4	50.0	75.0

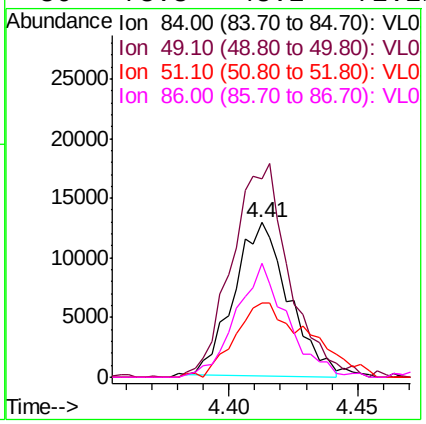


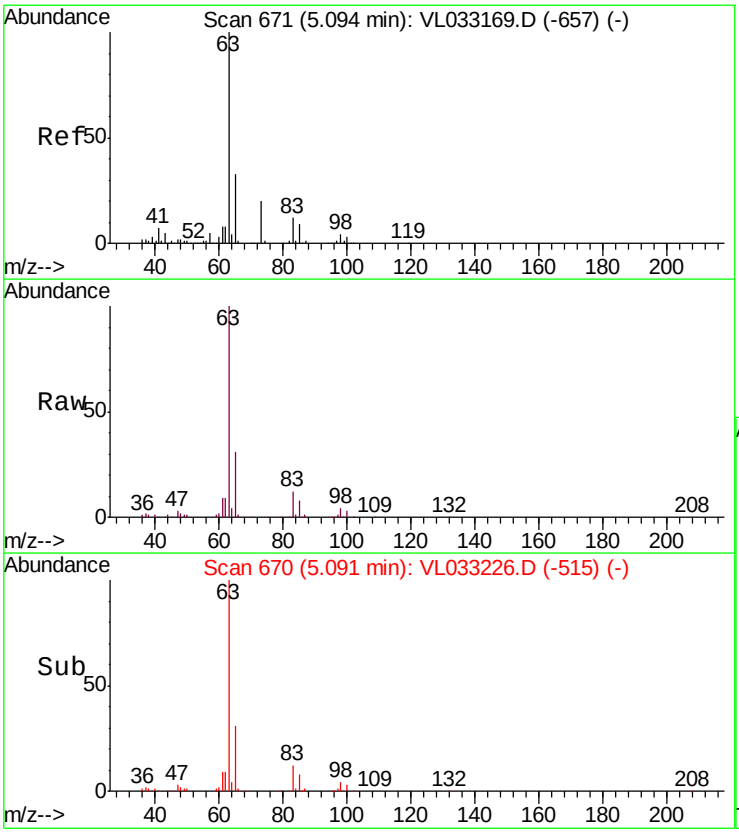


#20
Methylene Chloride
Concen: 0.604 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 84 Resp: 19099

Ion	Ratio	Lower	Upper
84	100		
49	126.6	115.8	173.8
51	46.9	33.0	49.6
86	73.3	48.2	72.2#

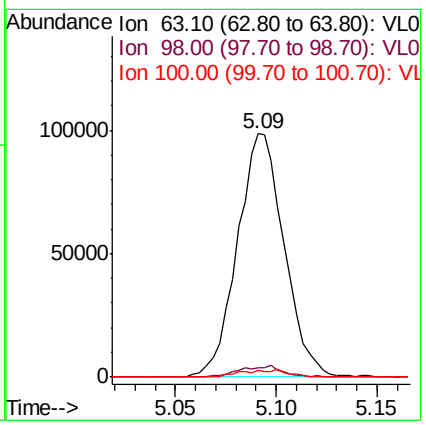


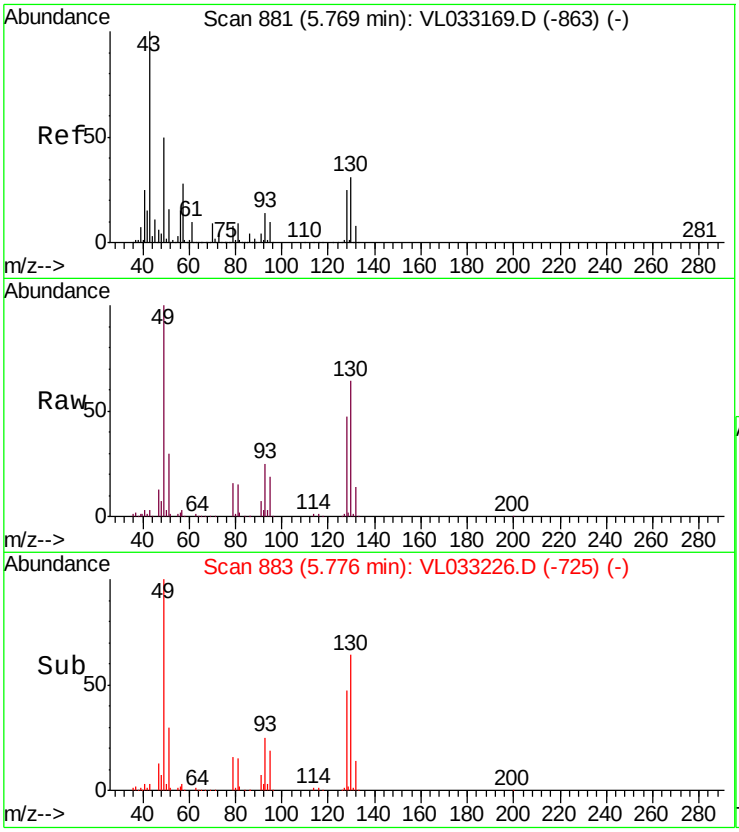


#24
1,1-Dichloroethane
Concen: 1.635 ppbv
RT: 5.09 min Scan# 670
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 63 Resp: 159427

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.8	1.4	4.2

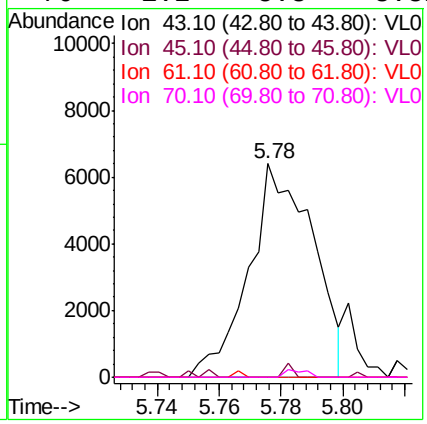


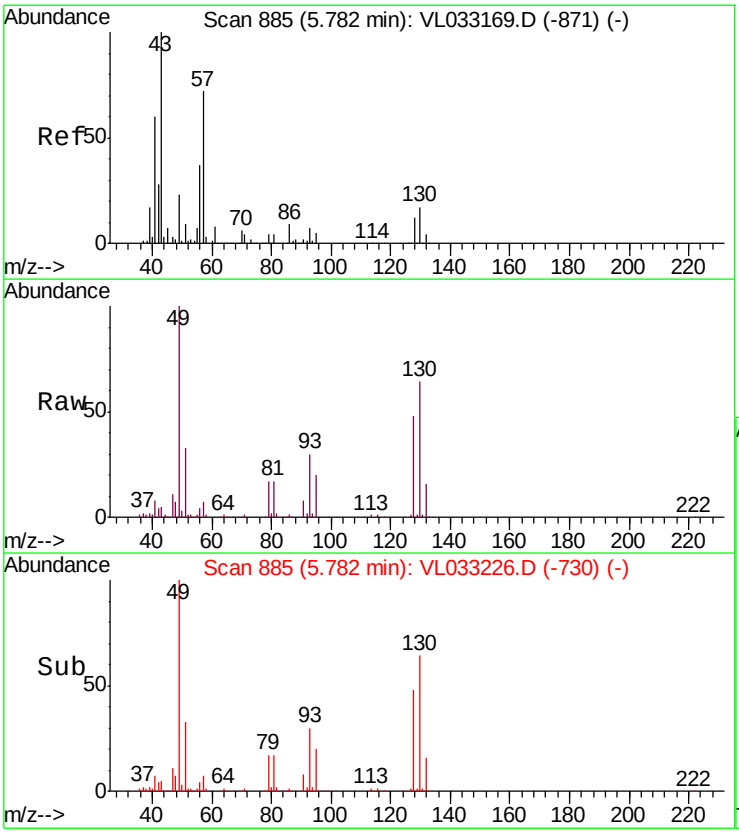


#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 43 Resp: 9189

Ion	Ratio	Lower	Upper
43	100		
45	1.5	7.9	11.9#
61	0.0	7.5	11.3#
70	1.2	5.8	8.8#

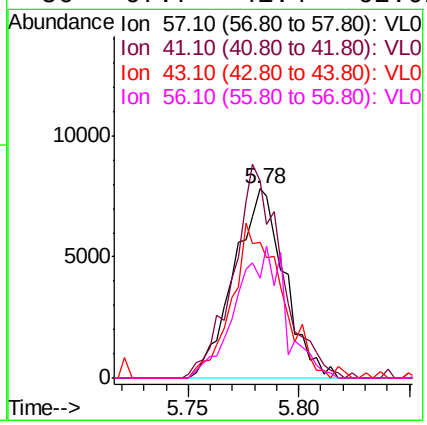


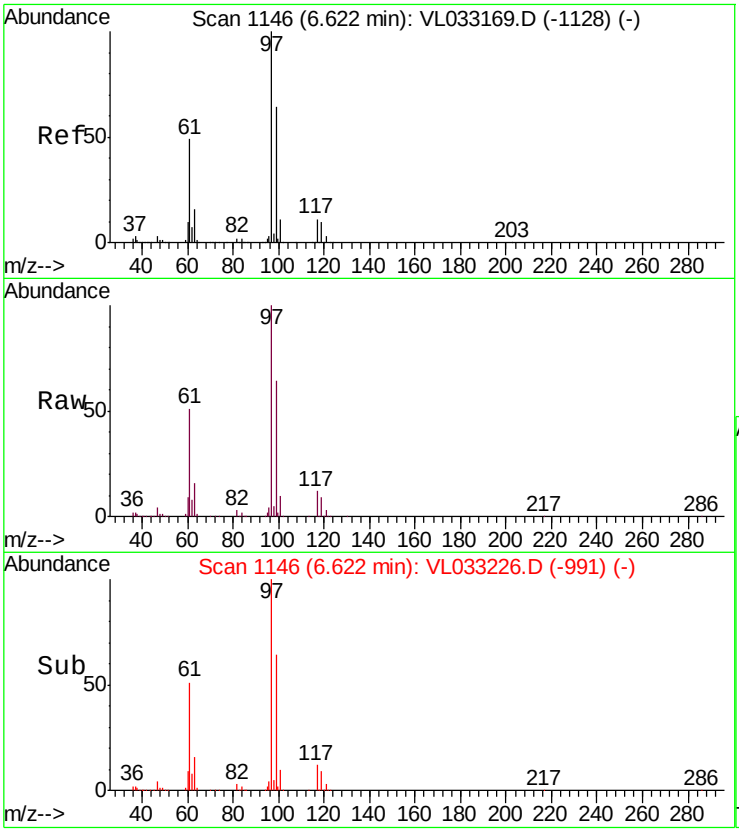


#26
Hexane
Concen: 0.148 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 57 Resp: 12457

Ion	Ratio	Lower	Upper
57	100		
41	107.9	69.4	104.2#
43	81.6	176.7	265.1#
56	67.7	41.4	62.0#

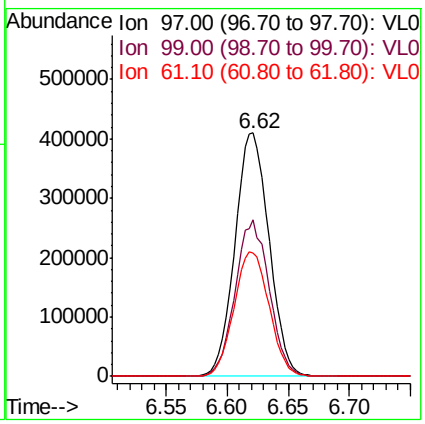


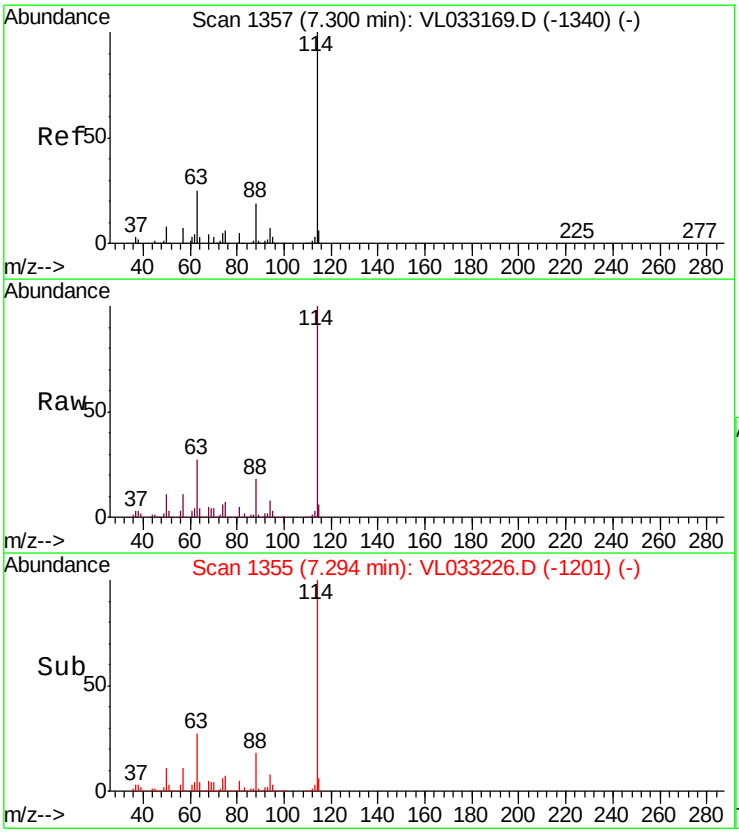


#32
1,1,1-Trichloroethane
Concen: 5.594 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion: 97 Resp: 792450

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	52.7	38.9	58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033226.D
Acq: 15 Feb 2019 11:03

Tgt Ion:114 Resp: 1601913

Ion	Ratio	Lower	Upper
114	100		
63	27.2	20.8	31.2
88	18.8	14.6	22.0