Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031519\
Data File : VL033348.D
Acq On : 16 Mar 2019 2:23
Operator : SY/AP
Sample : K1827-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 16 04:01:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	753022	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1659172	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1908268	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1420115	10.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	8119	0.061	ppbv		93
3) Chlorodifluoromethane	2.99	51	30800	0.356	ppbv	#	76
4) Chloromethane	3.17	50	3625	0.077	ppbv	#	82
9) Propene	3.24	41	58330	1.512	ppbv		96
10) Heptane	8.25	43	9704	0.101	ppbv	#	84
13) Ethanol	3.65	45	199030	10.821	ppbv		99
15) Acetone	3.91	43	115365	0.986	ppbv		97
16) 1,3-Butadiene	3.34	39	2475	0.065	ppbv	#	8
19) Isopropyl Alcohol	4.04	45	56946	1.023	ppbv	#	93
20) Methylene Chloride	4.41	84	6657	0.174	ppbv		91
25) Ethyl Acetate	5.78	43	12663	0.074	ppbv	#	86
26) Hexane	5.78	57	9529	0.125	ppbv	#	70
34) 2-Butanone	5.34	43	2972	0.027	ppbv	#	54
39) 1,2-Dichloropropane	7.29	63	452730	8.142	ppbv	#	23
53) Toluene	9.95	91	290887	1.724	ppbv		98

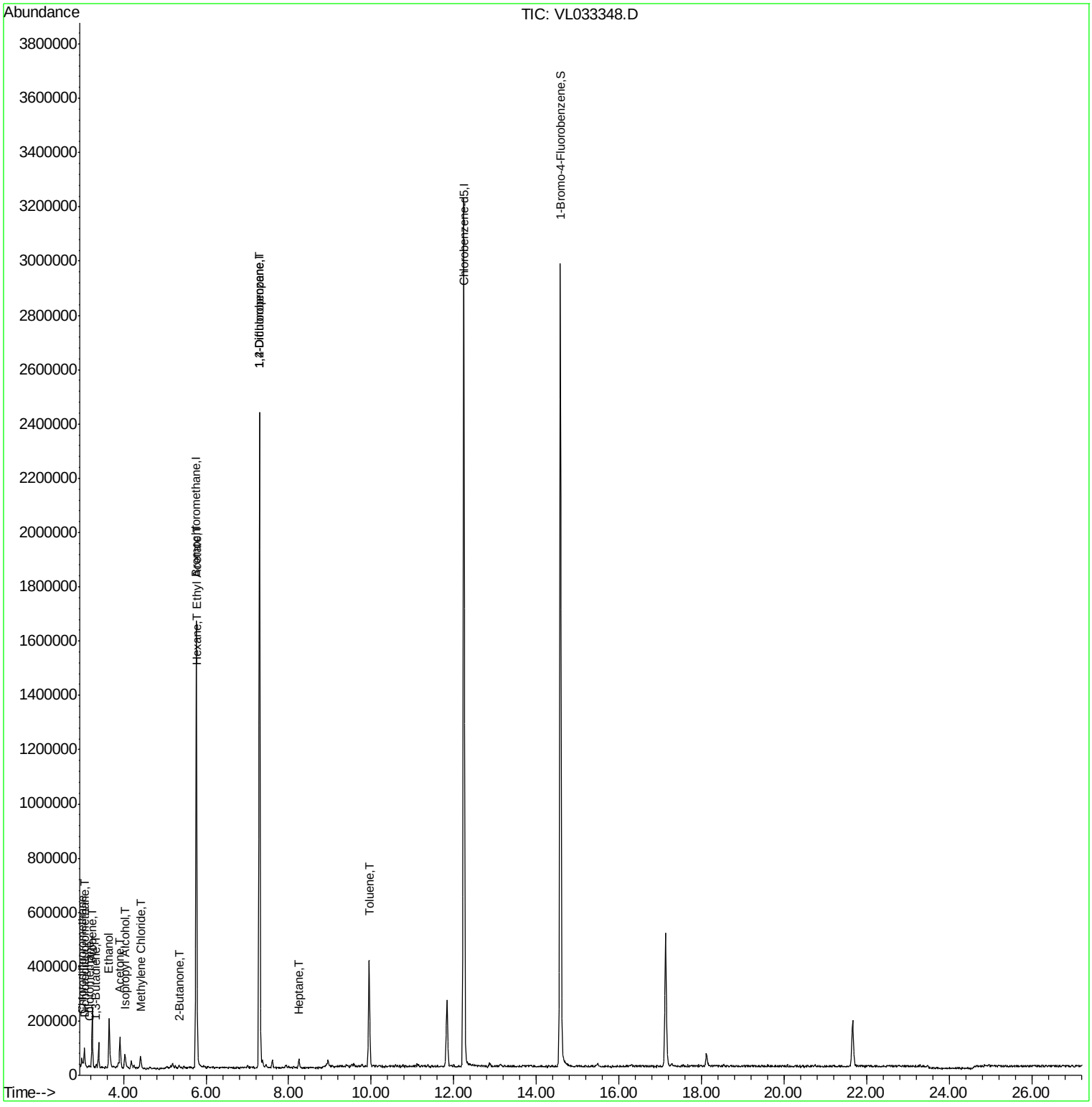
(#) = qualifier out of range (m) = manual integration (+) = signals summed

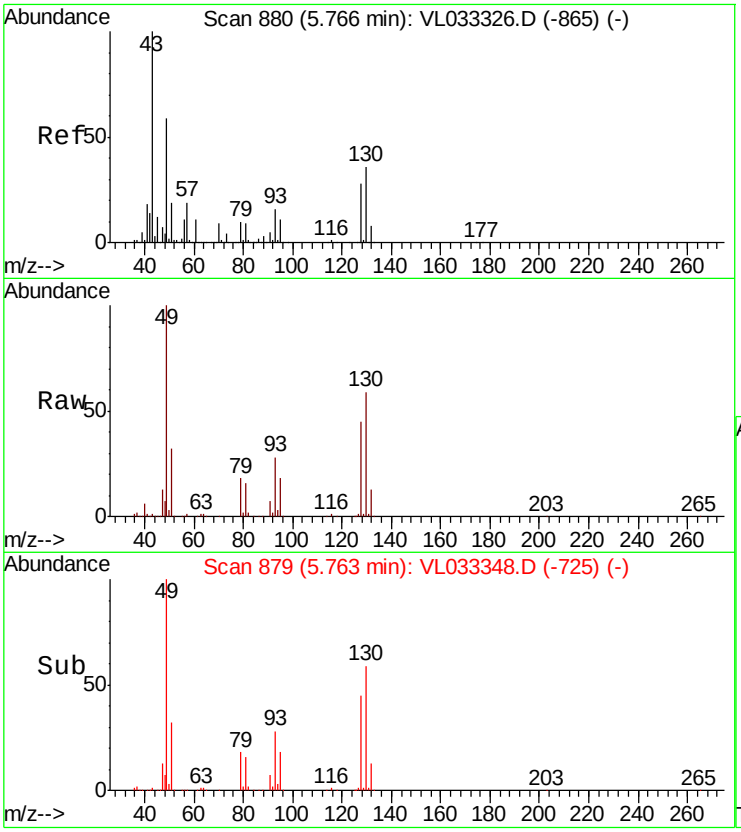
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031519\
Data File : VL033348.D
Acq On : 16 Mar 2019 2:23
Operator : SY/AP
Sample : K1827-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 16 04:01:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



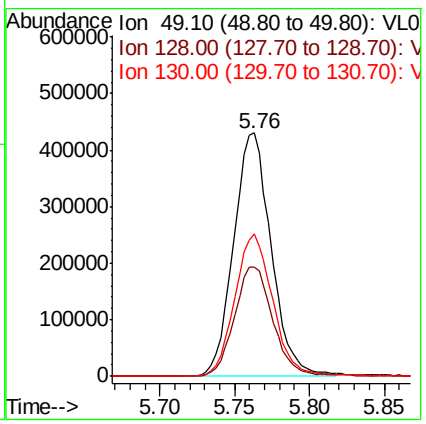


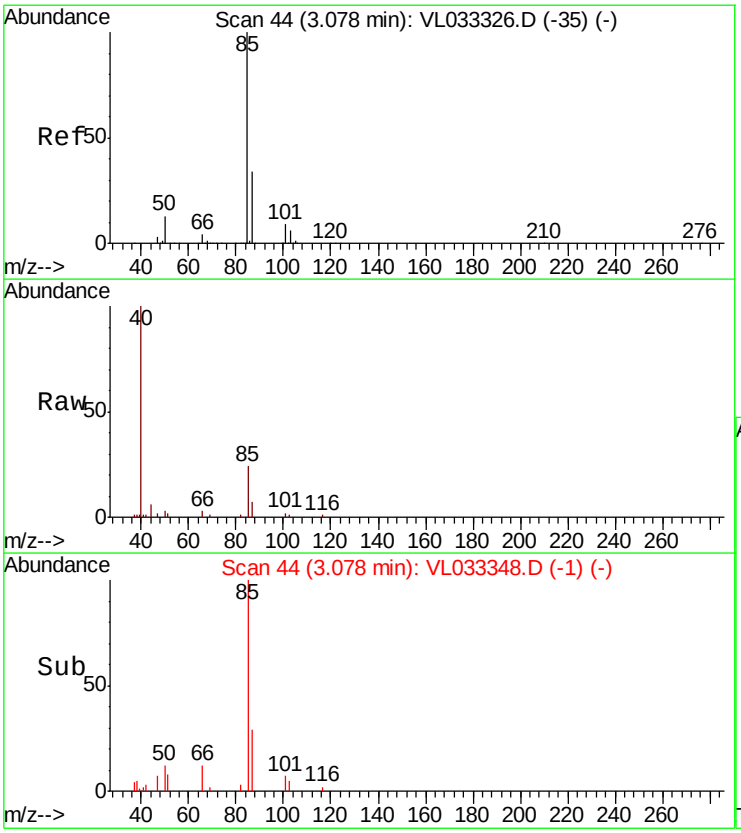
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 753022

Ion	Ratio	Lower	Upper
49	100		
128	46.4	23.5	70.6
130	59.5	30.1	90.3

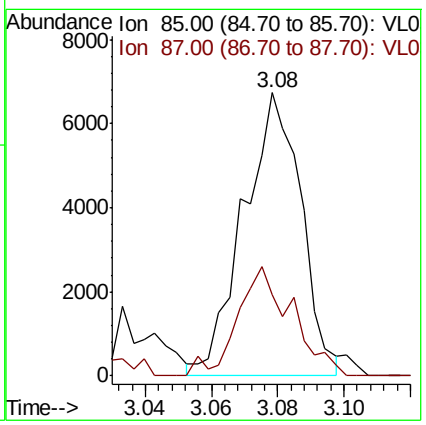


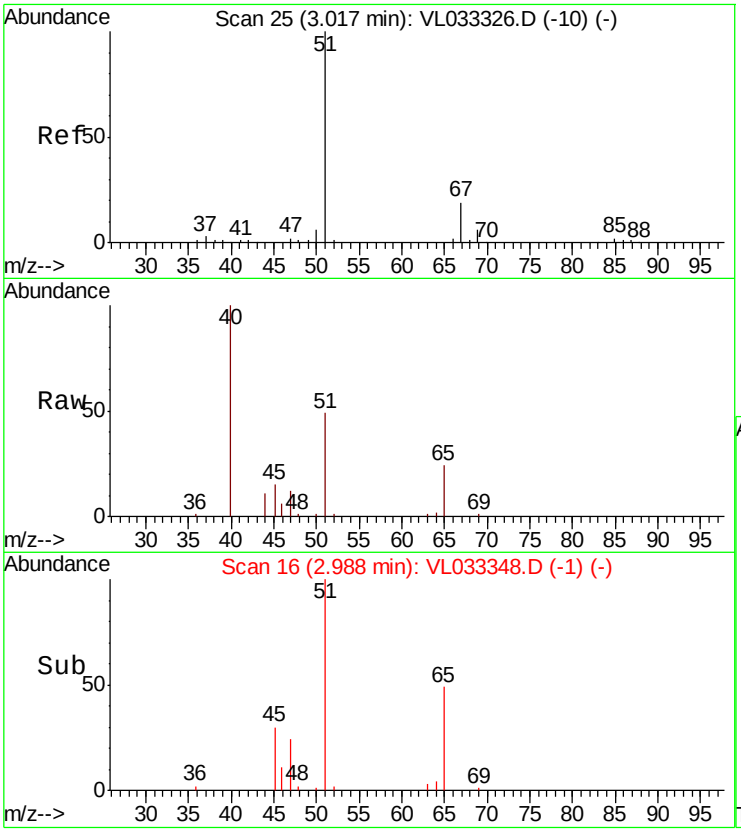


#2
Dichlorodifluoromethane
Concen: 0.061 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 85 Resp: 8119

Ion	Ratio	Lower	Upper
85	100		
87	29.8	26.9	40.3



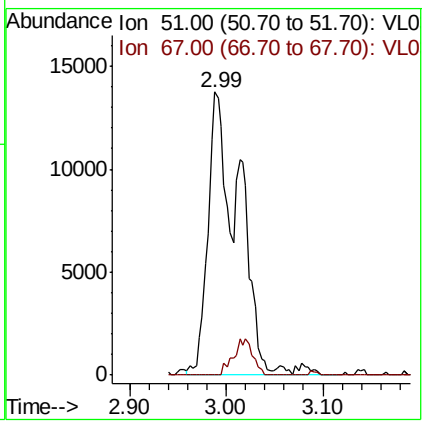


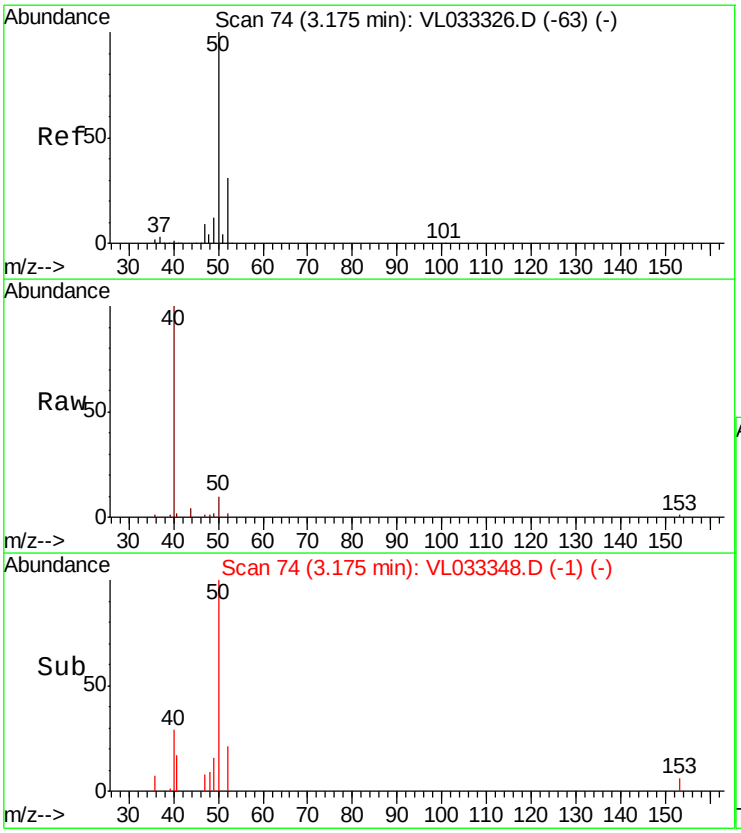
#3
Chlorodifluoromethane
Concen: 0.356 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 30800

Ion	Ratio	Lower	Upper
51	100		
67	7.8	14.9	22.3#

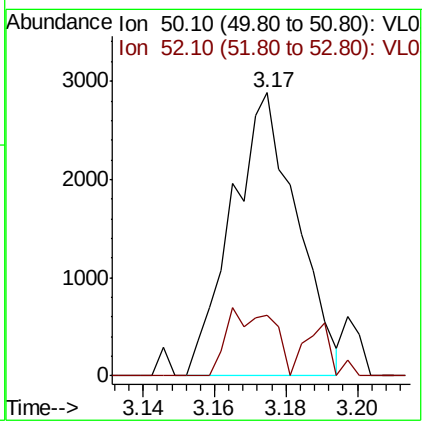


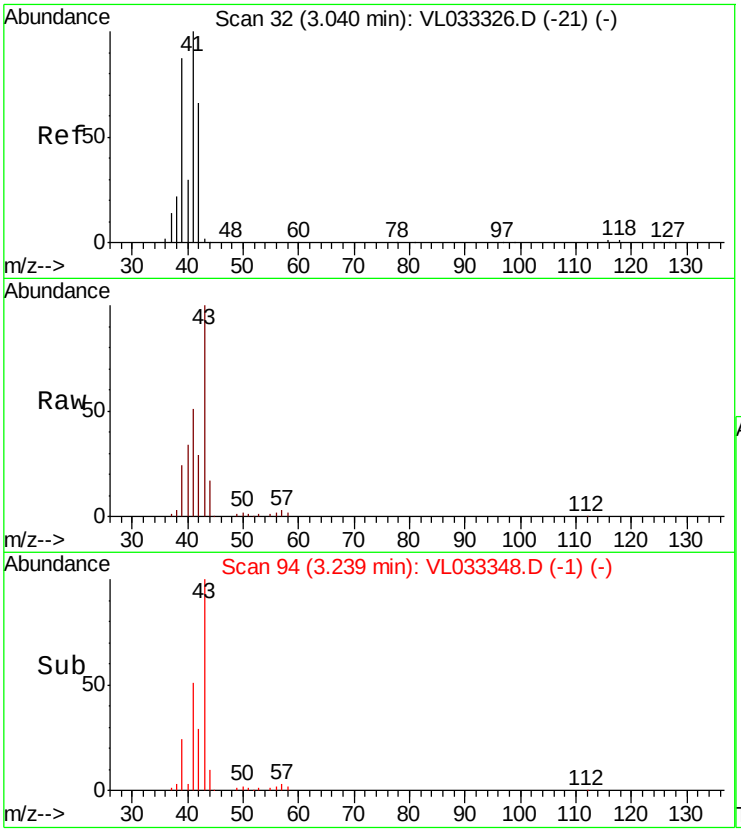


#4
Chloromethane
Concen: 0.077 ppbv
RT: 3.17 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 50 Resp: 3625

Ion	Ratio	Lower	Upper
50	100		
52	21.4	25.0	37.6#



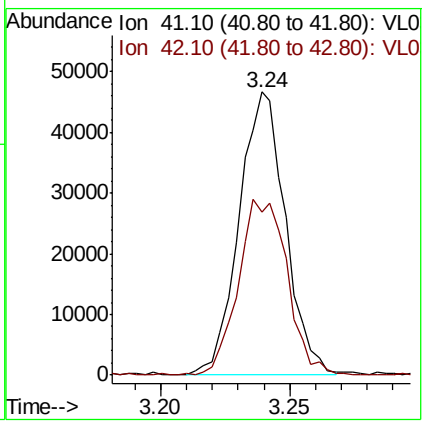


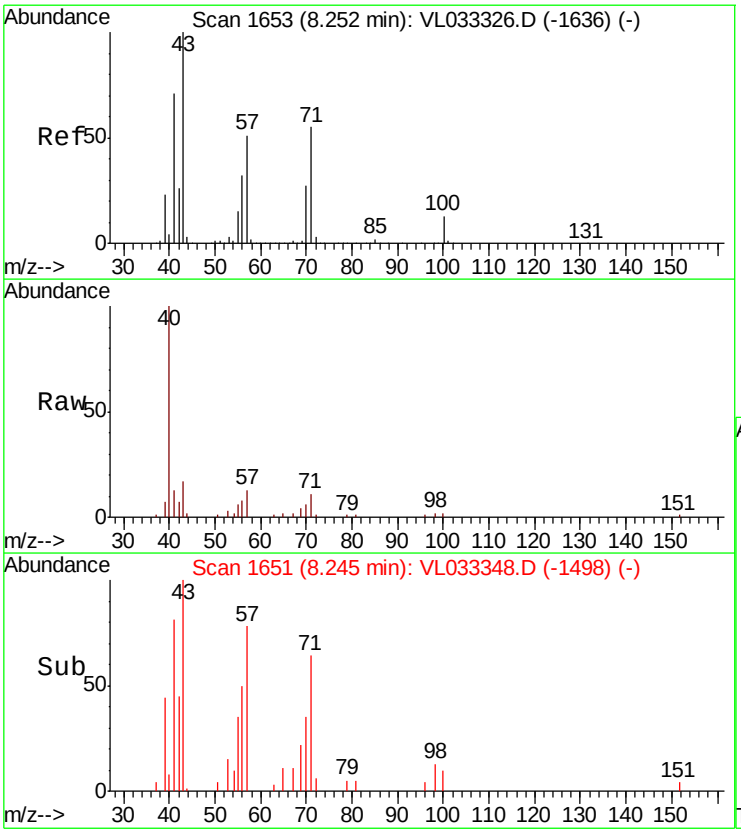
#9
Propene
Concen: 1.512 ppbv
RT: 3.24 min Scan# 94
Delta R.T. 0.20 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 58330

Ion	Ratio	Lower	Upper
41	100		
42	65.7	55.2	82.8

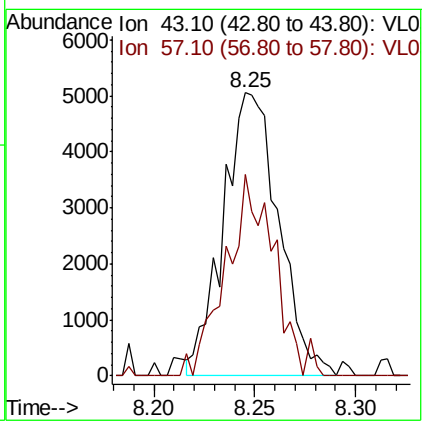


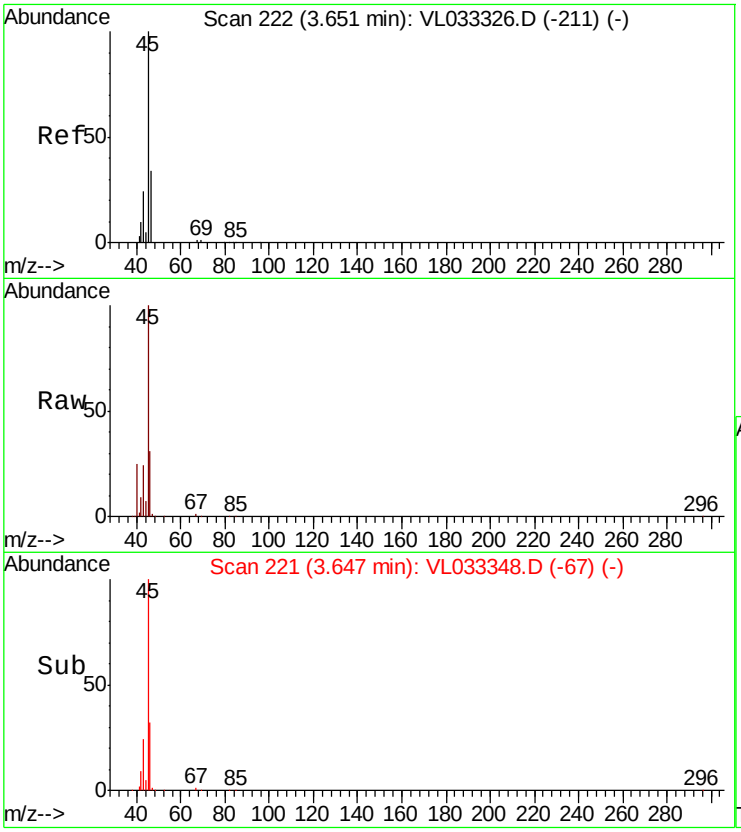


#10
Heptane
Concen: 0.101 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 43 Resp: 9704

Ion	Ratio	Lower	Upper
43	100		
57	61.8	40.4	60.6#



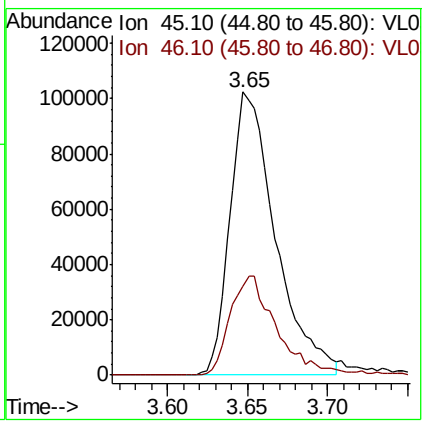


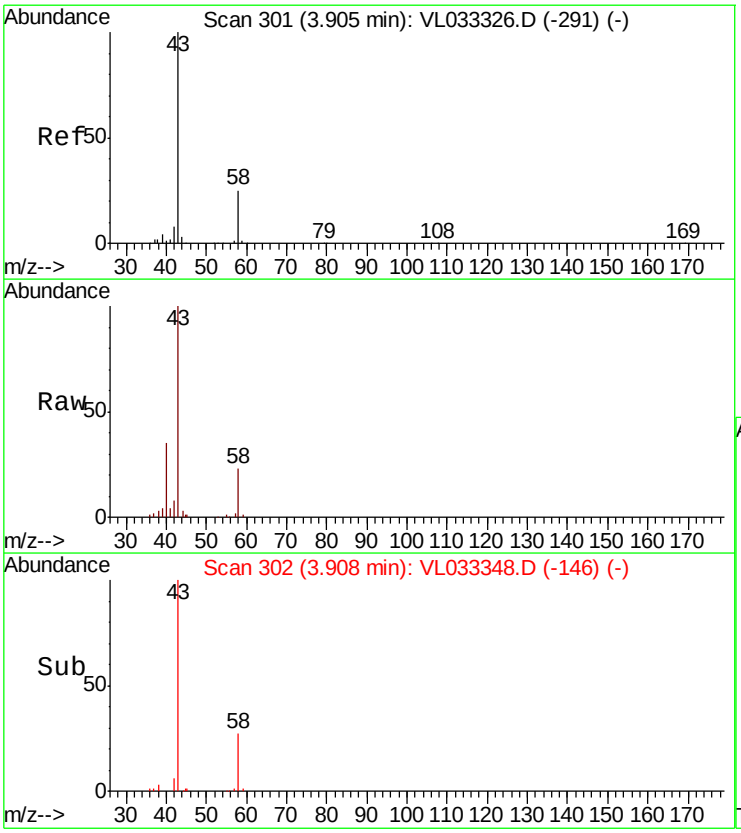
#13
Ethanol
Concen: 10.821 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 199030

Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.9	59.7

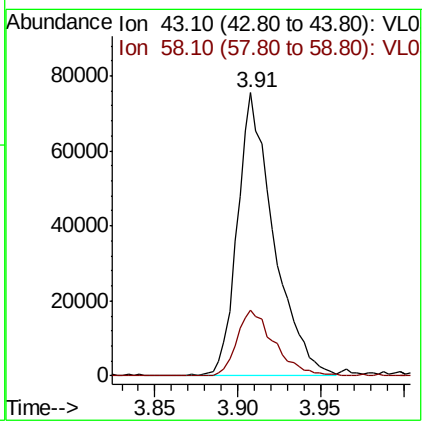


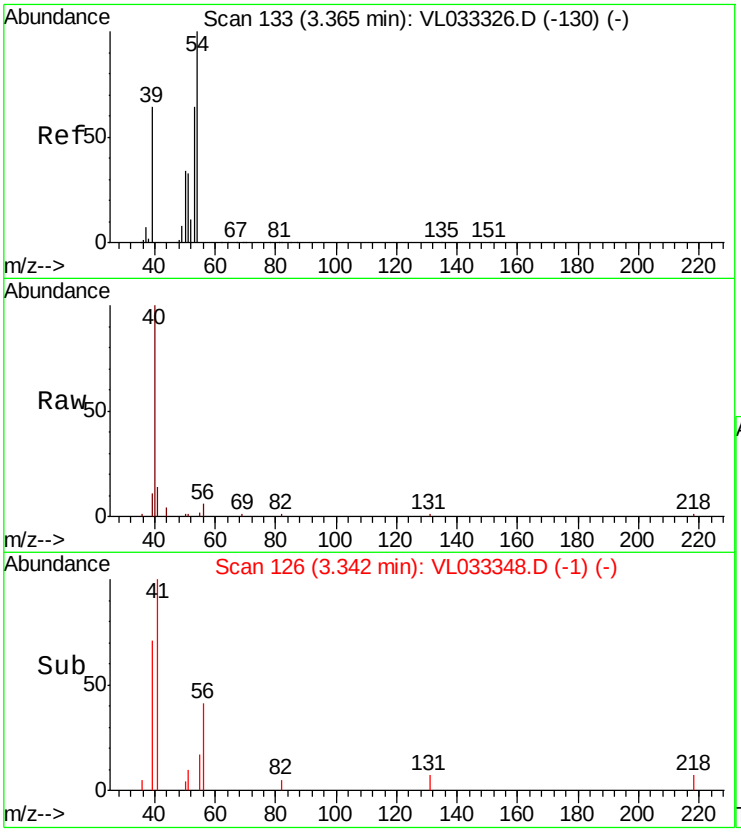


#15
Acetone
Concen: 0.986 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 43 Resp: 115365

Ion	Ratio	Lower	Upper
43	100		
58	23.7	20.4	30.6

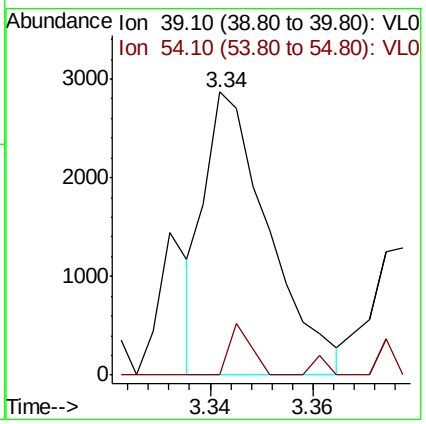




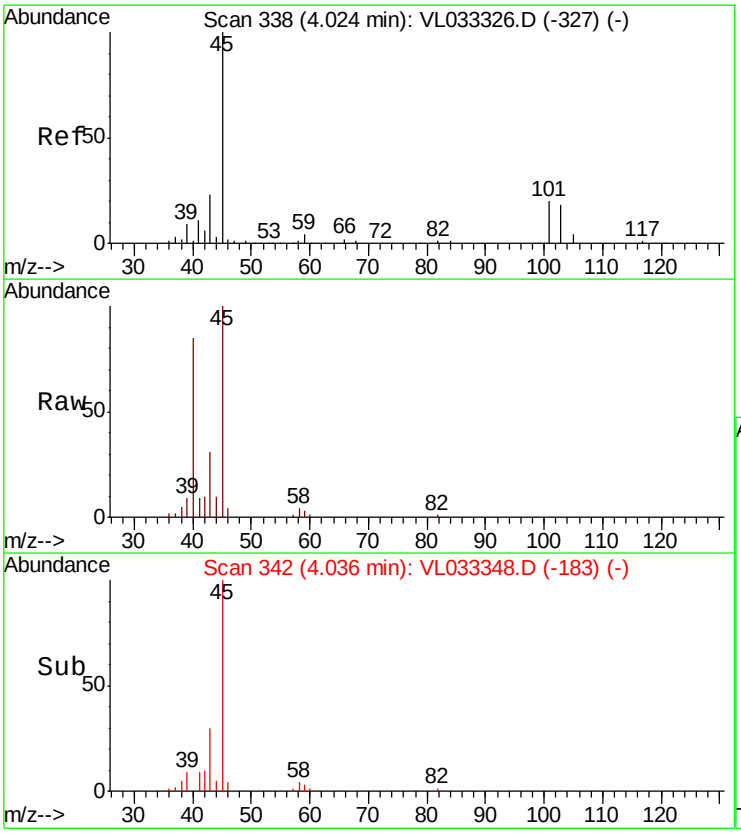
#16
1,3-Butadiene
Concen: 0.065 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 39 Resp: 2475

Ion	Ratio	Lower	Upper
39	100		
54	6.1	76.8	115.2#



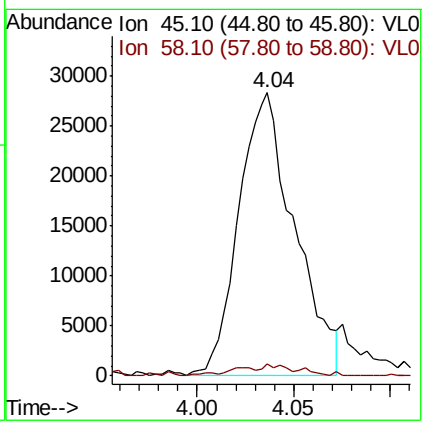
Instrument :
MSVOA_L
ClientSampleId :

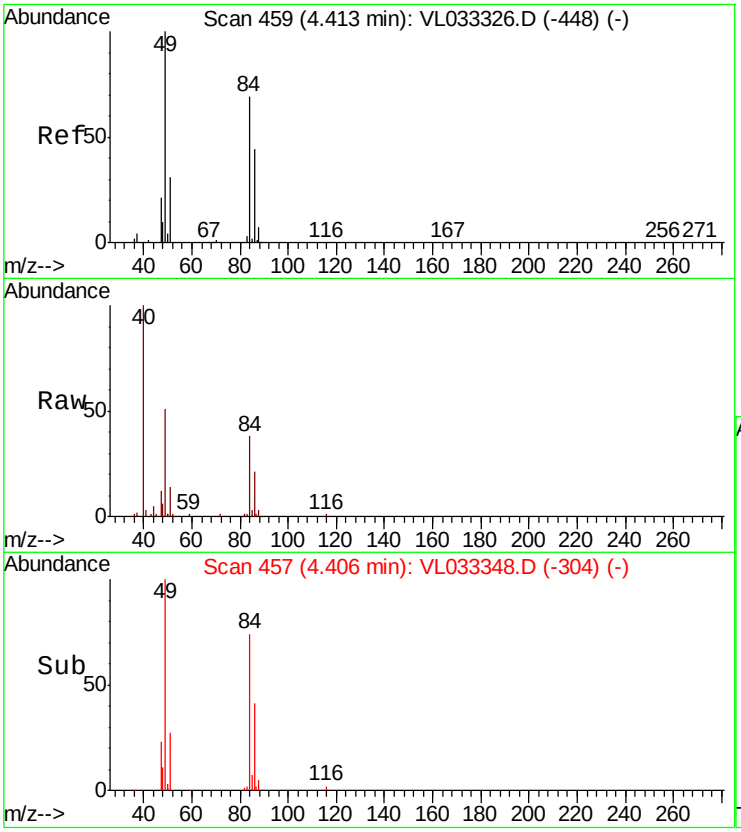


#19
Isopropyl Alcohol
Concen: 1.023 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 45 Resp: 56946

Ion	Ratio	Lower	Upper
45	100		
58	4.3	1.5	2.3#



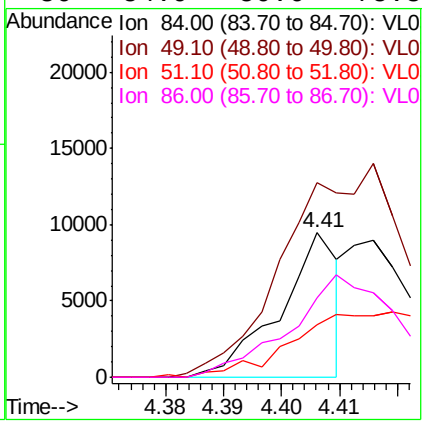


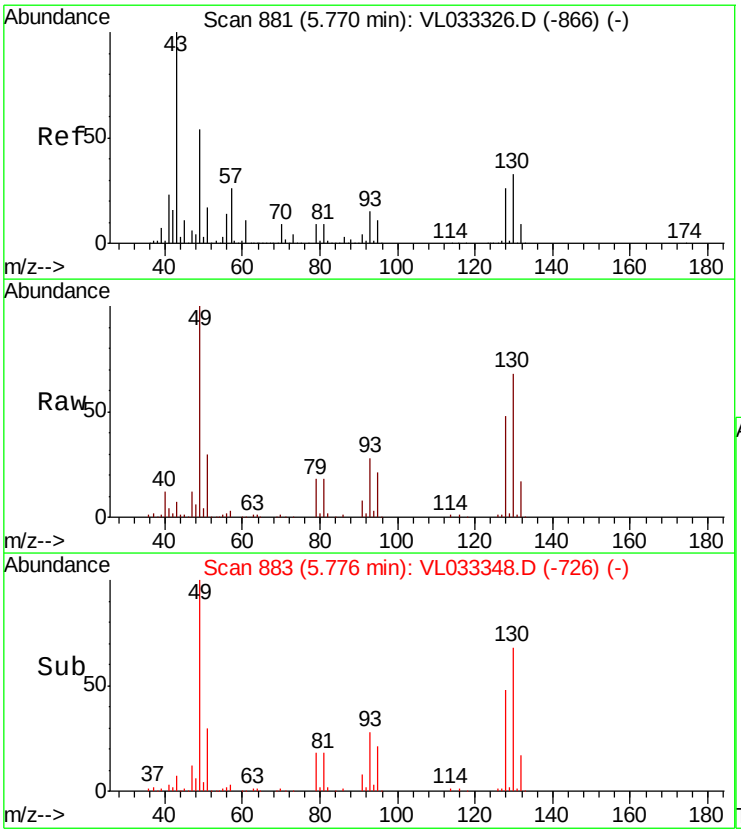
#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 6657

Ion	Ratio	Lower	Upper
84	100		
49	135.5	115.4	173.0
51	35.9	35.8	53.6
86	54.9	50.6	75.8

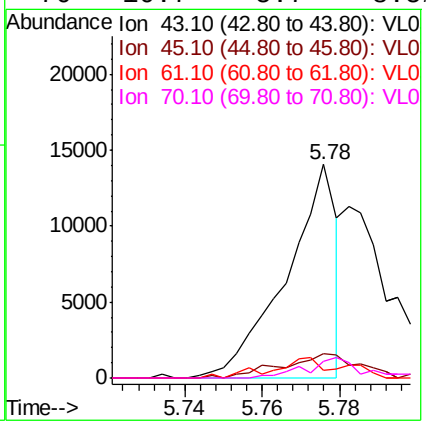


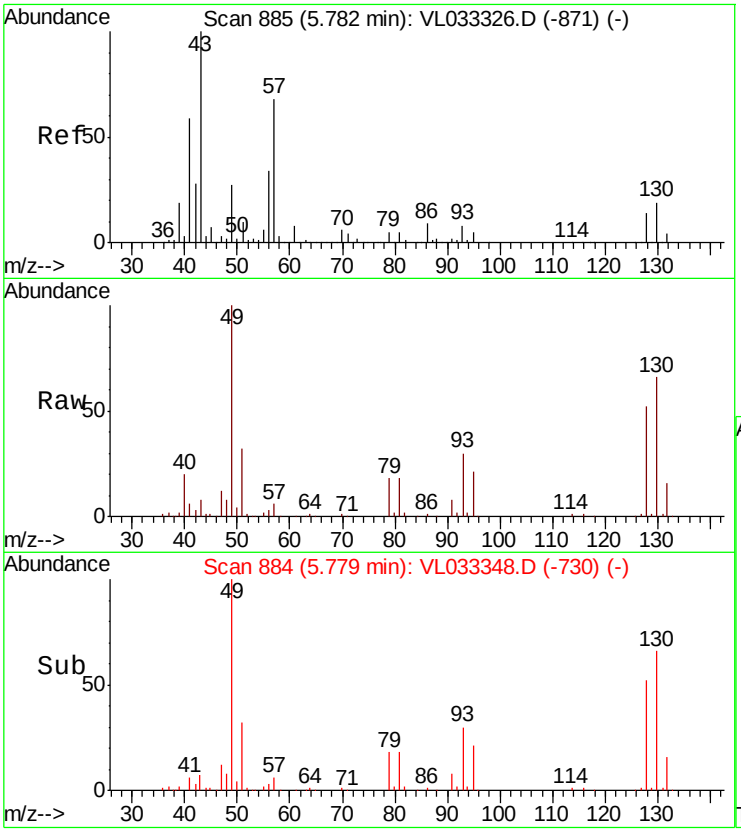


#25
Ethyl Acetate
Concen: 0.074 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 43 Resp: 12663

Ion	Ratio	Lower	Upper
43	100		
45	18.1	7.9	11.9#
61	12.7	7.4	11.2#
70	10.7	5.7	8.5#



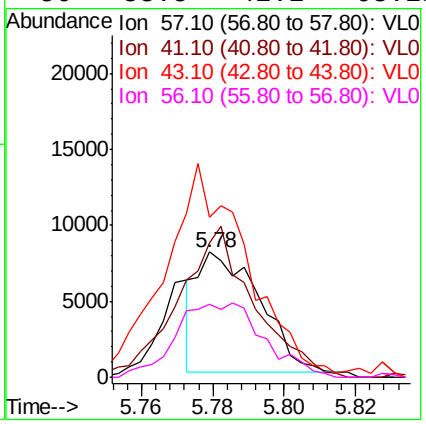


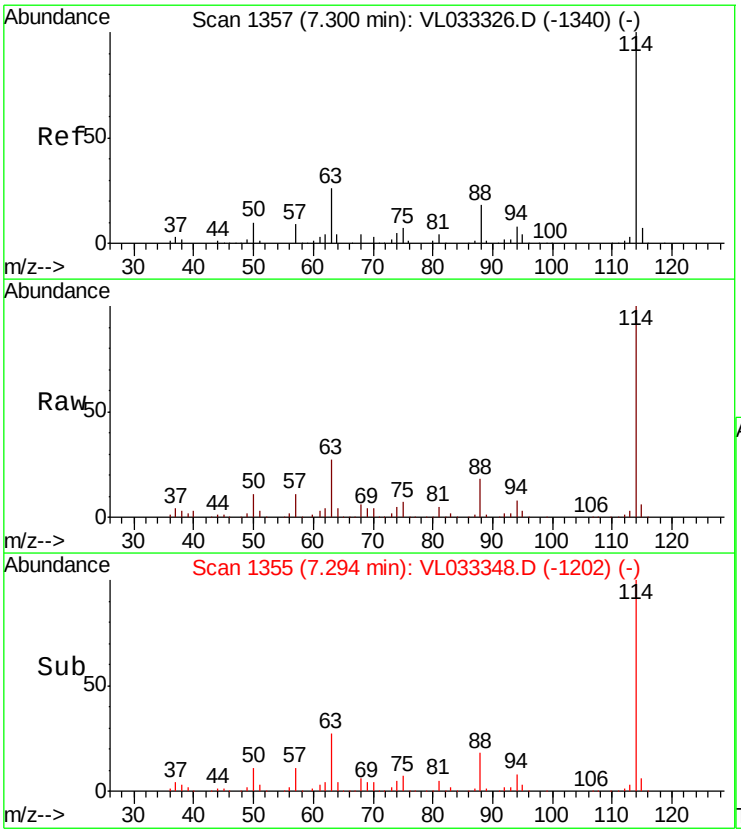
#26
Hexane
Concen: 0.125 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 9529

Ion	Ratio	Lower	Upper
57	100		
41	153.7	70.5	105.7#
43	241.7	181.8	272.8
56	88.5	42.2	63.2#

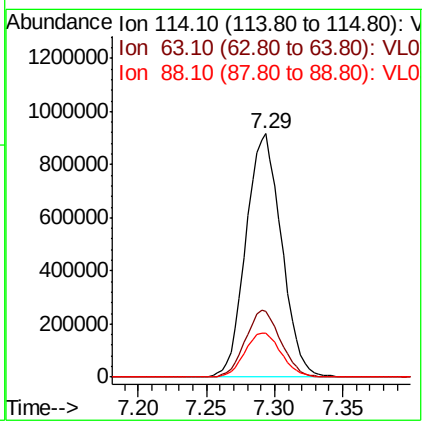


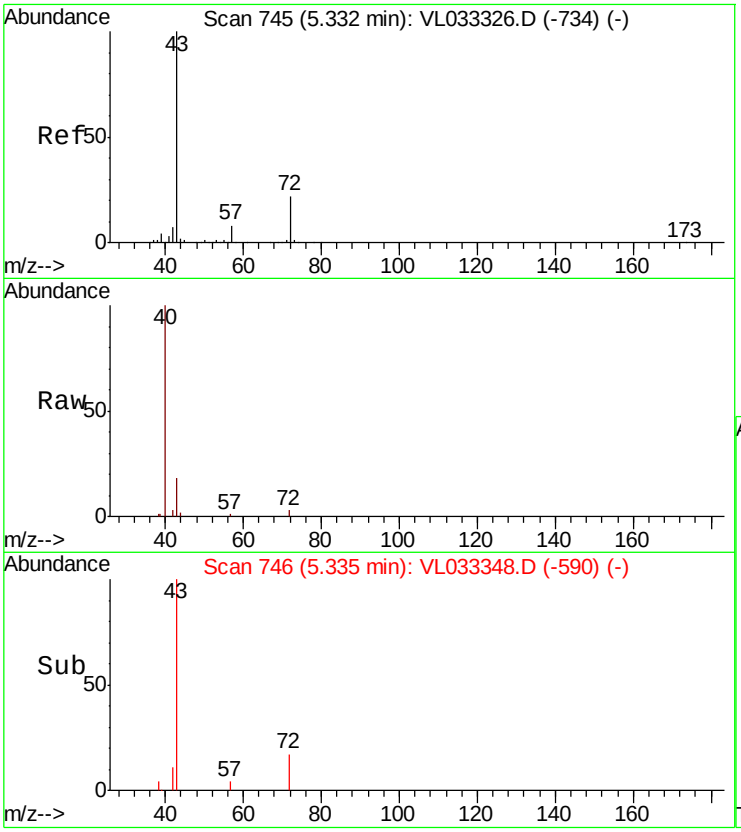


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion:114 Resp: 1659172

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.4	32.2
88	18.5	14.5	21.7



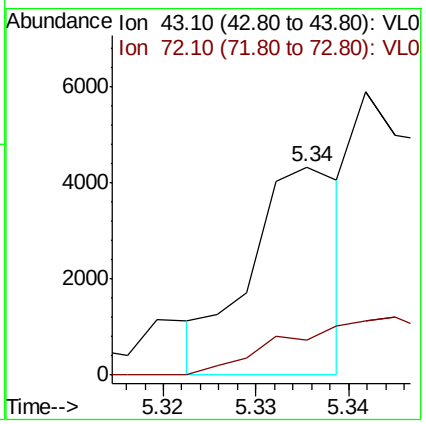


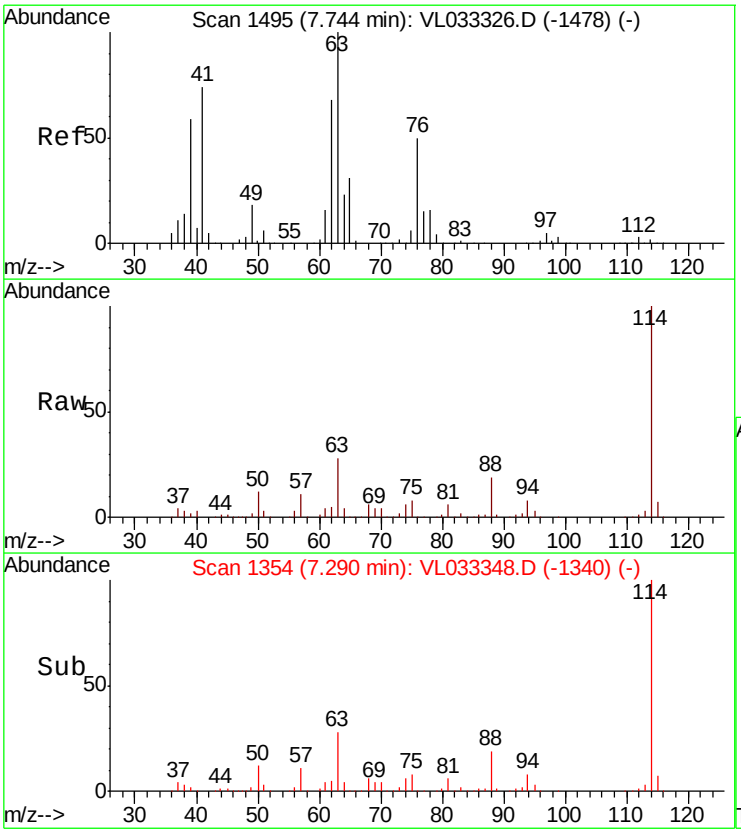
#34
2-Butanone
Concen: 0.027 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2972

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

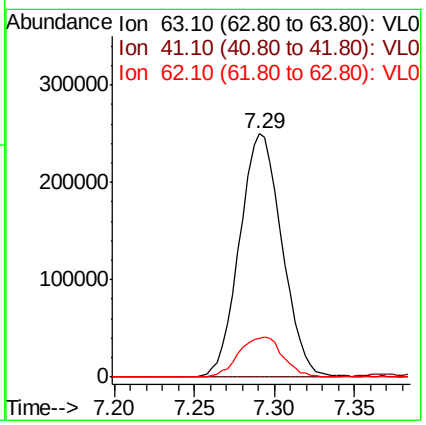


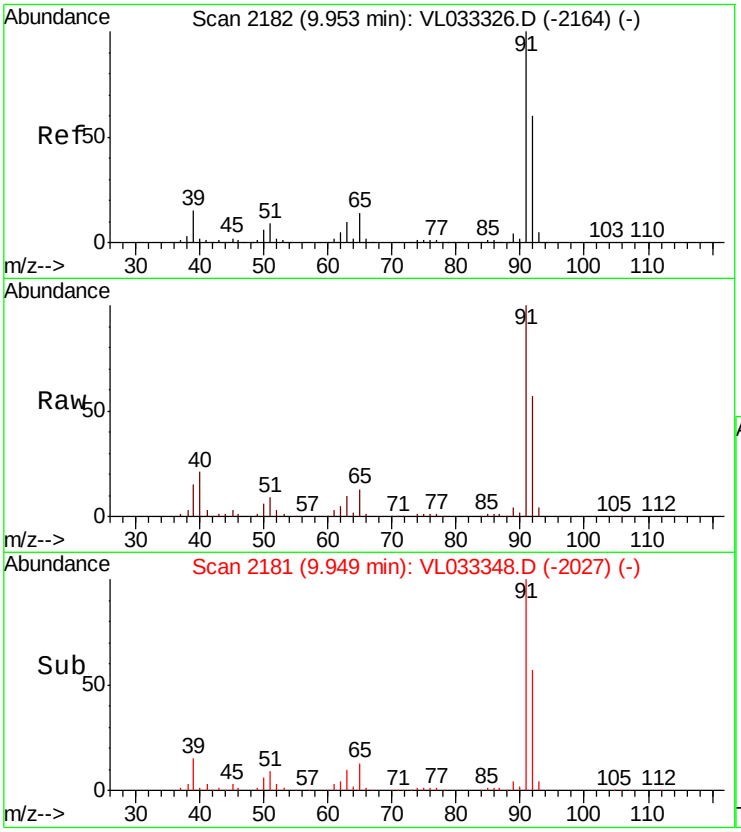


#39
1,2-Dichloropropane
Concen: 8.142 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 63 Resp: 452730

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	16.2	54.7	82.1#



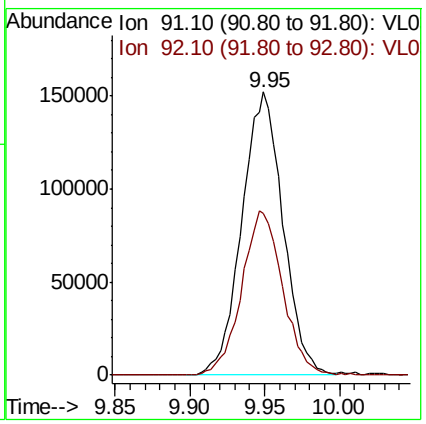


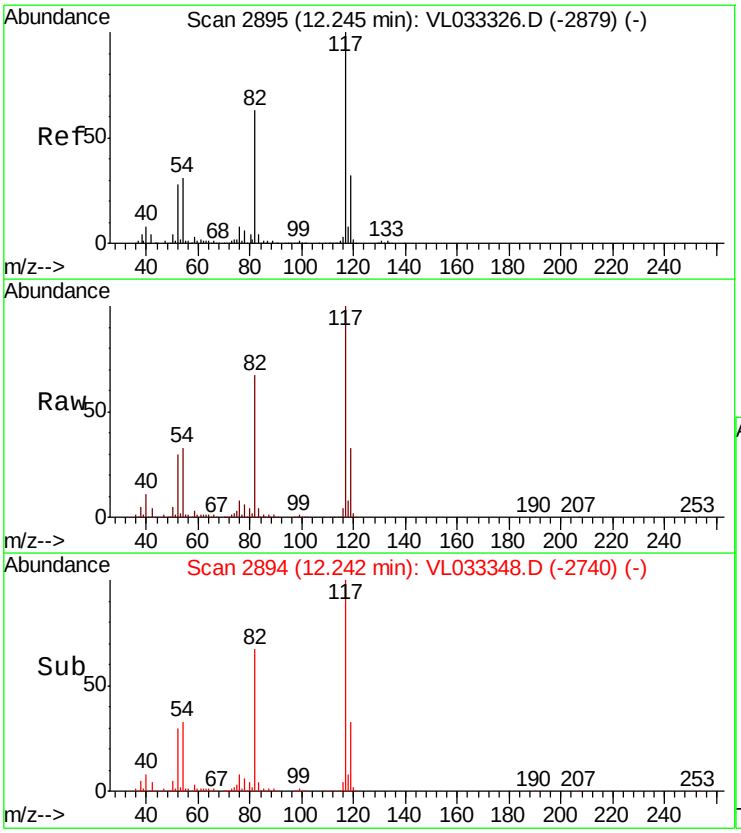
#53
Toluene
Concen: 1.724 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 290887

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.4	71.0

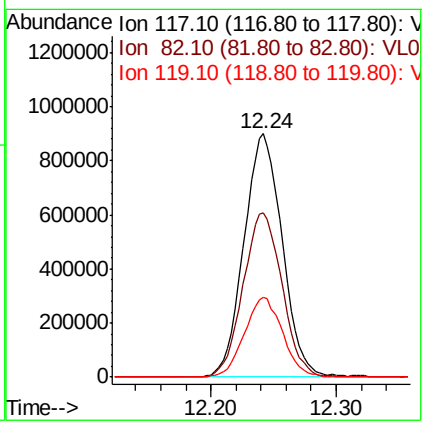


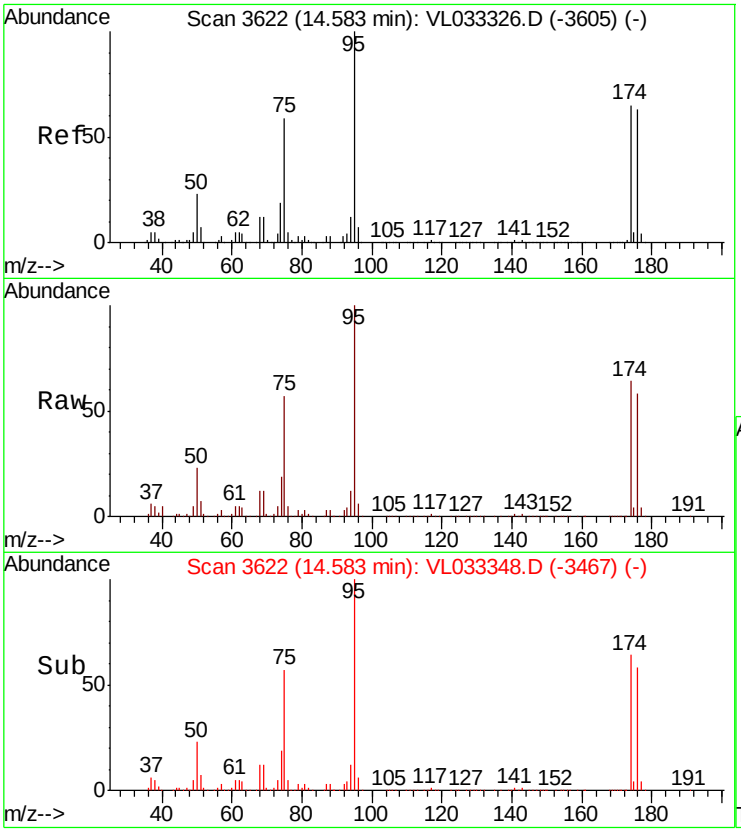


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion:117 Resp: 1908268

Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.4	80.2
119	32.9	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.043 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1420115

Ion	Ratio	Lower	Upper
95	100		
174	63.5	51.5	77.3
175	4.5	3.8	5.6