Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031819\

Quantitation Report (Not Reviewed)

Data File : VL033369.D
Acq On : 18 Mar 2019 22:00
Operator : SY/AP
Sample : K1952-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-10DL

Quant Time: Mar 19 06:56:16 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	744597	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1656618	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1621826	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1260957	10.49	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	27424	0.321	ppbv #	78
4) Chloromethane	3.17	50	2624	0.057	ppbv #	85
9) Propene	3.05	41	4406	0.115	ppbv	97
13) Ethanol	3.64	45	197825	10.877	ppbv	99
15) Acetone	3.91	43	62291	0.538	ppbv	96
17) tert-Butyl alcohol	4.37	59	679	0.042	ppbv #	74
19) Isopropyl Alcohol	4.04	45	62329	1.132	ppbv #	96
20) Methylene Chloride	4.40	84	12623	0.334	ppbv #	78
25) Ethyl Acetate	5.77	43	12663	0.075	ppbv #	80
26) Hexane	5.78	57	7659	0.102	ppbv #	1
34) 2-Butanone	5.33	43	7345	0.068	ppbv #	54
39) 1,2-Dichloropropane	7.28	63	443919	7.995	ppbv #	24
53) Toluene	9.94	91	211118	1.253	ppbv	98

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

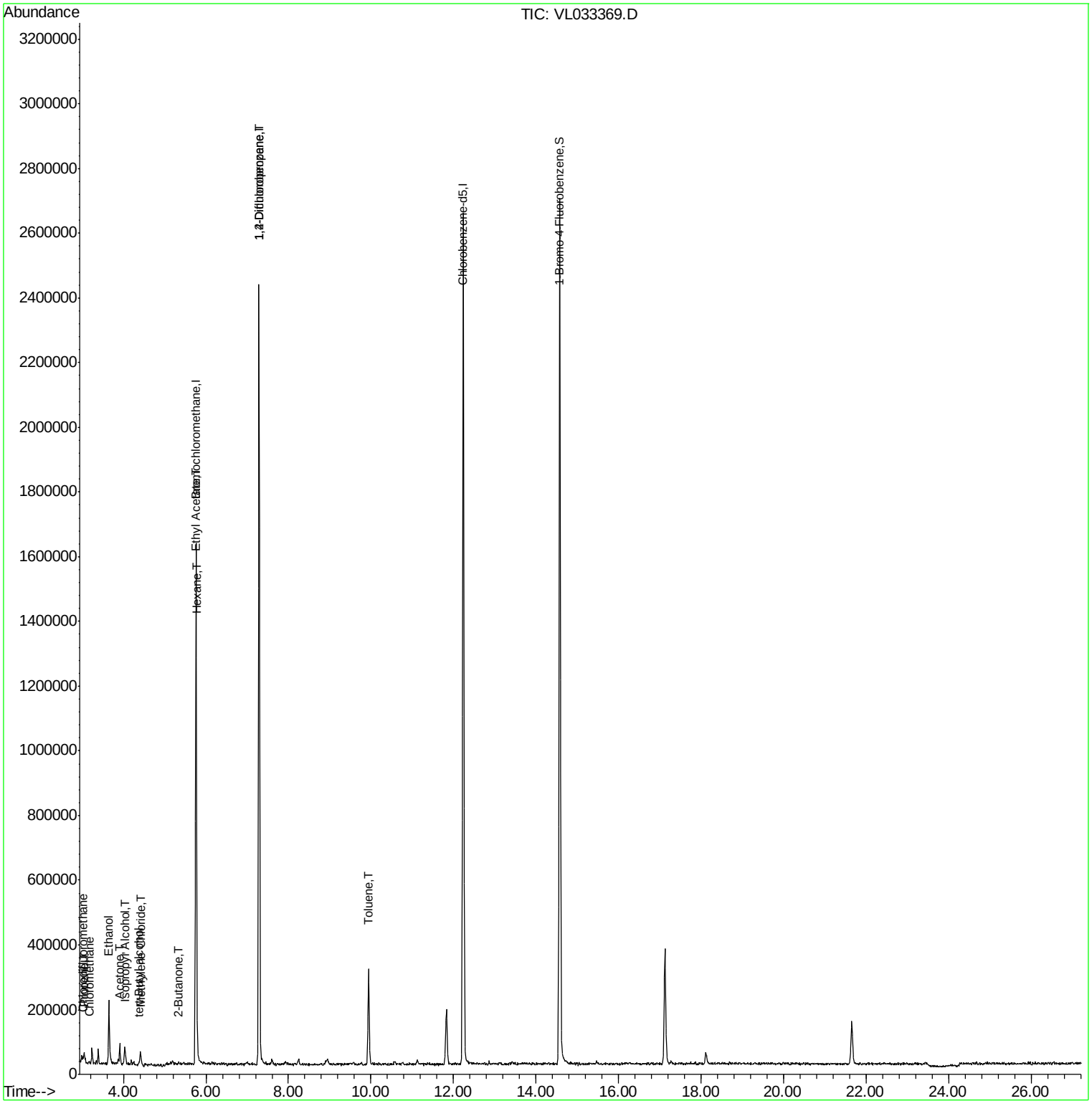
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031819\

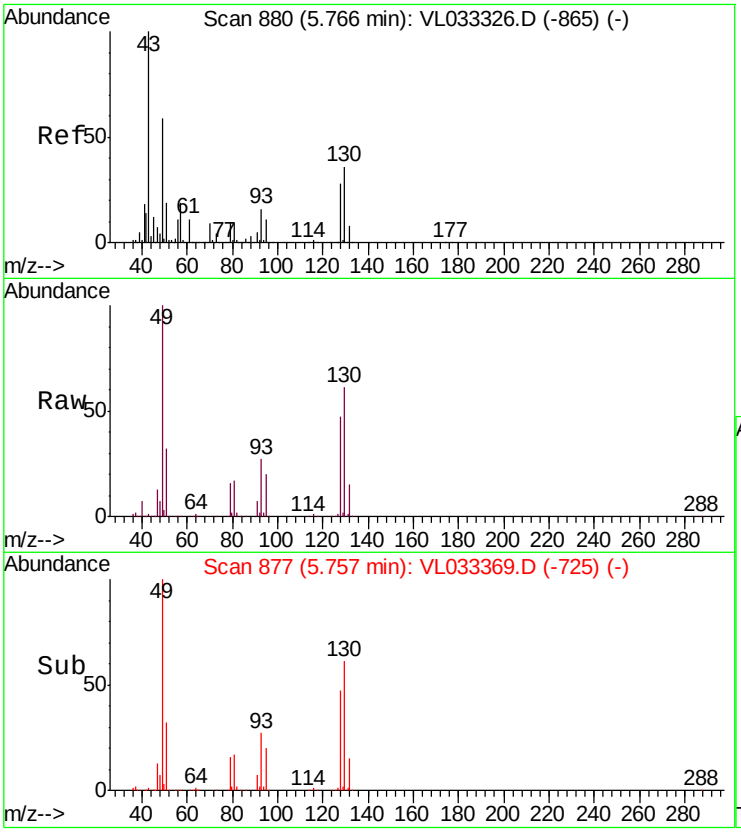
Quantitation Report (Not Reviewed)

Data File : VL033369.D
Acq On : 18 Mar 2019 22:00
Operator : SY/AP
Sample : K1952-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-10DL

Quant Time: Mar 19 06:56:16 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



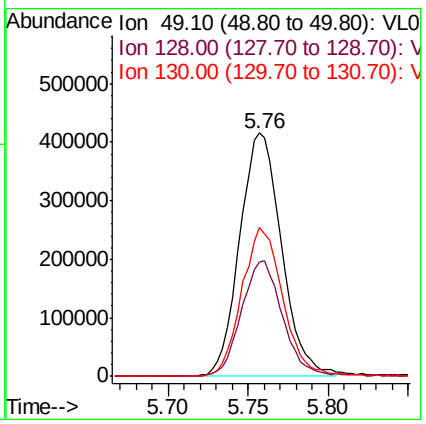


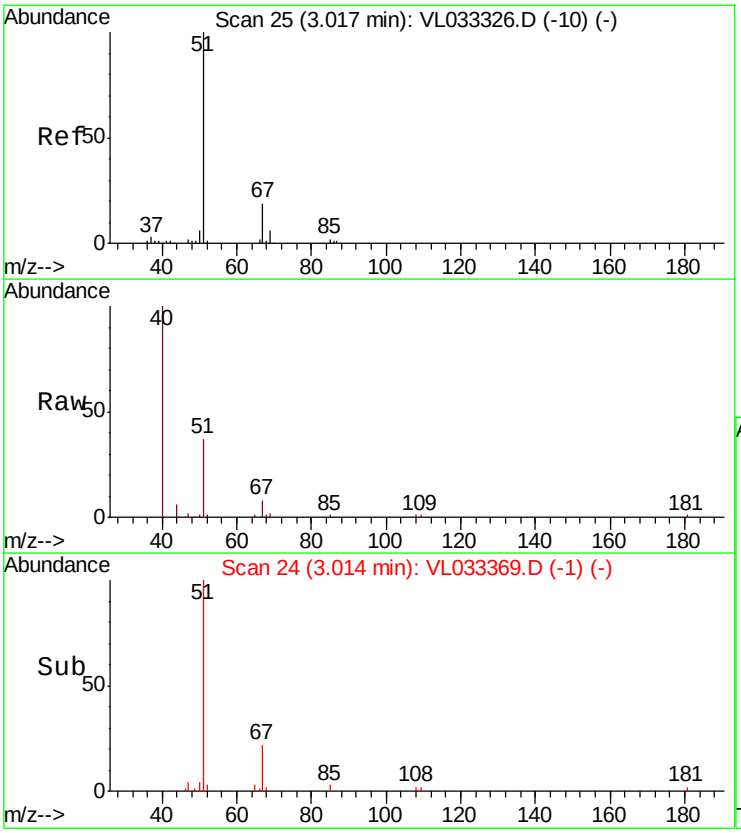
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument :
MSVOA_L
ClientSampleId :
A-10DL

Tgt Ion: 49 Resp: 744597

Ion	Ratio	Lower	Upper
49	100		
128	47.2	23.5	70.6
130	60.6	30.1	90.3

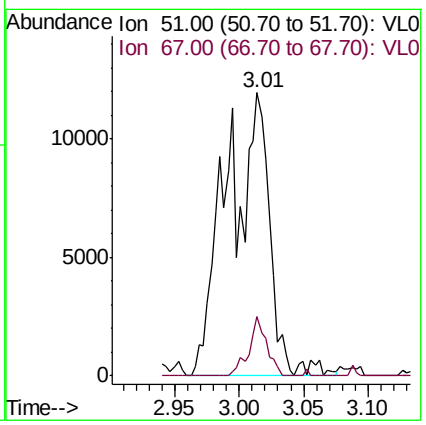


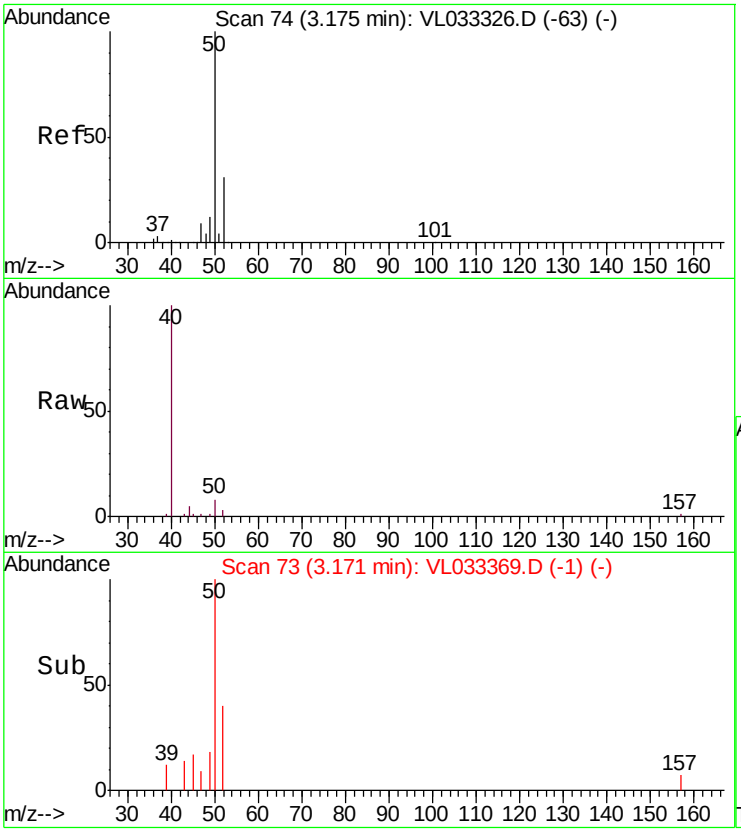


#3
Chlorodifluoromethane
Concen: 0.321 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 51 Resp: 27424

Ion	Ratio	Lower	Upper
51	100		
67	8.7	14.9	22.3#



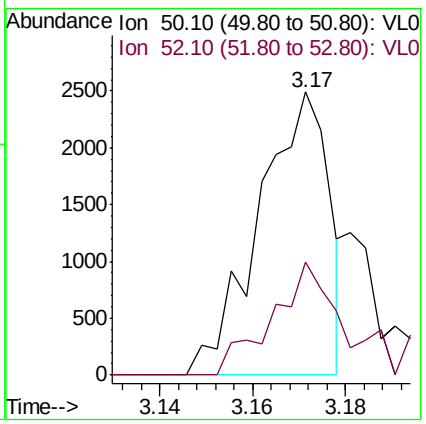


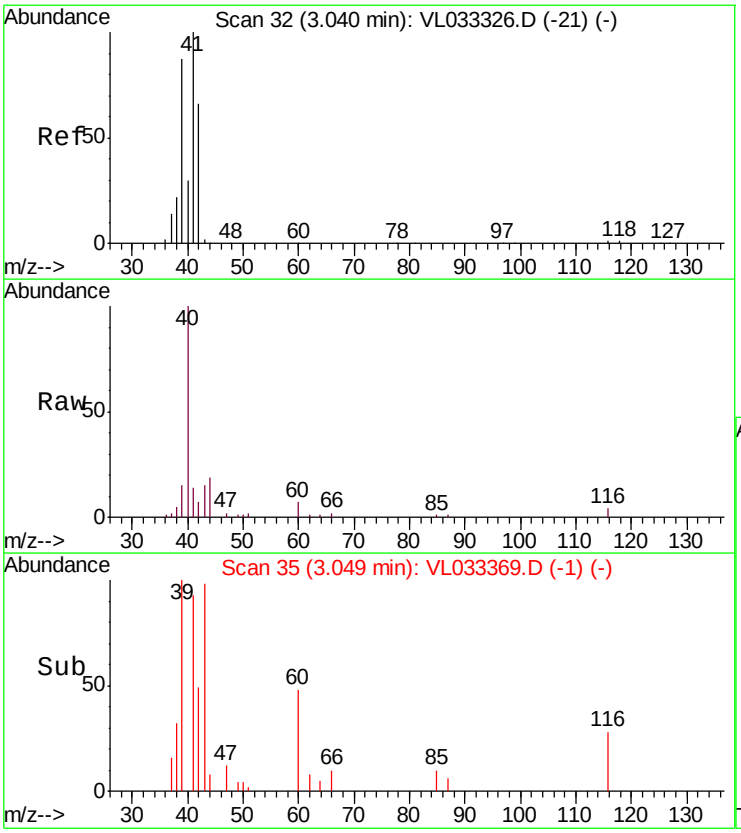
#4
Chloromethane
Concen: 0.057 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument : MSVOA_L
ClientSampleId : A-10DL

Tgt Ion: 50 Resp: 2624

Ion	Ratio	Lower	Upper
50	100		
52	39.8	25.0	37.6#

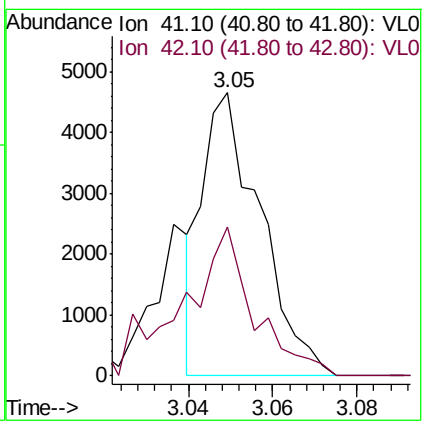


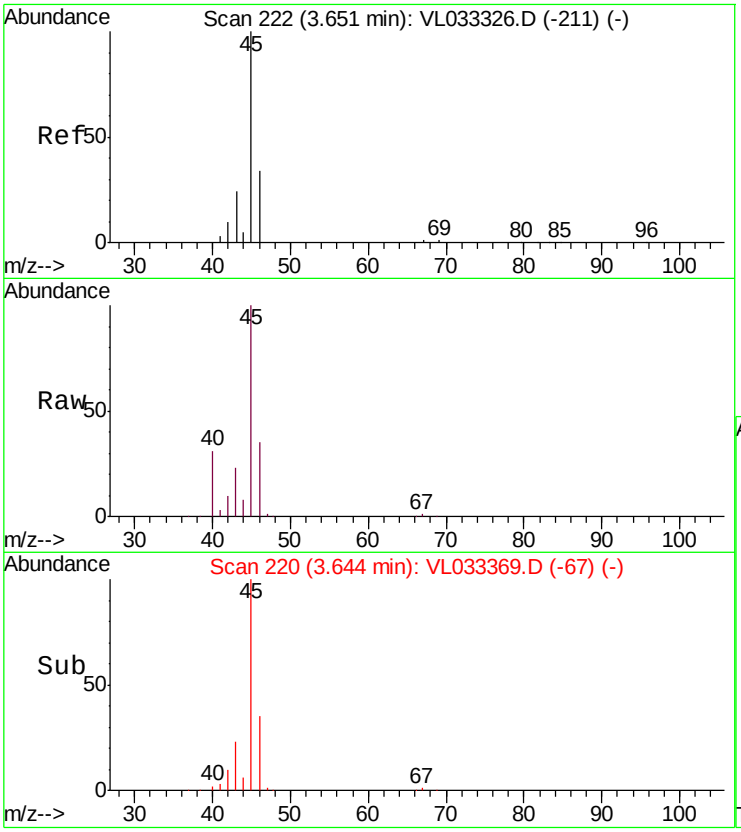


#9
Propene
Concen: 0.115 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 41 Resp: 4406

Ion	Ratio	Lower	Upper
41	100		
42	66.4	55.2	82.8



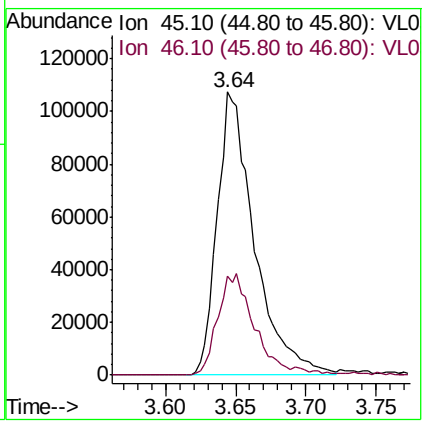


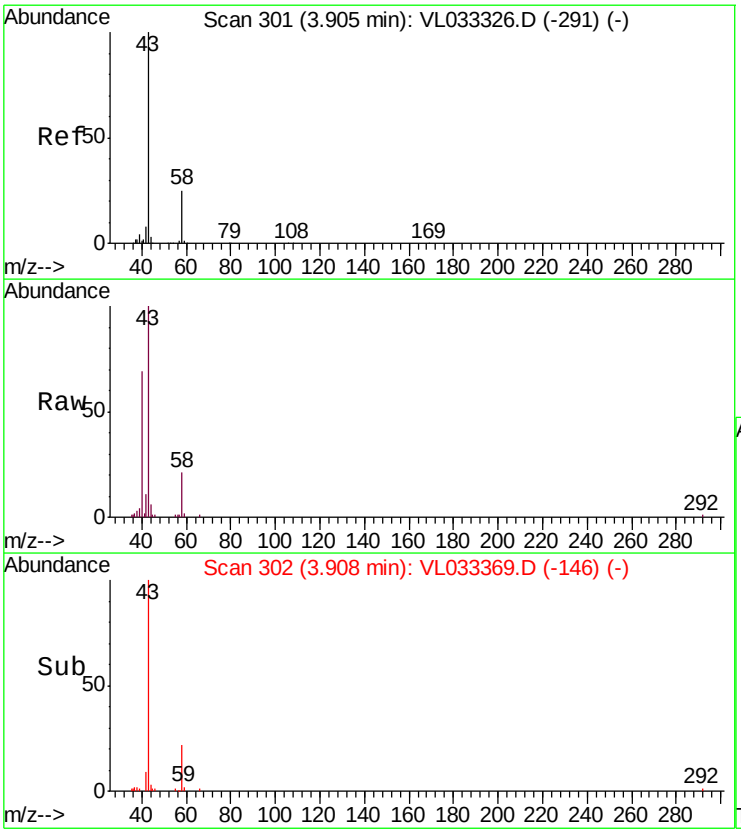
#13
Ethanol
Concen: 10.877 ppbv
RT: 3.64 min Scan# 220
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument : MSVOA_L
ClientSampleId : A-10DL

Tgt Ion: 45 Resp: 197825

Ion	Ratio	Lower	Upper
45	100		
46	36.6	14.9	59.7

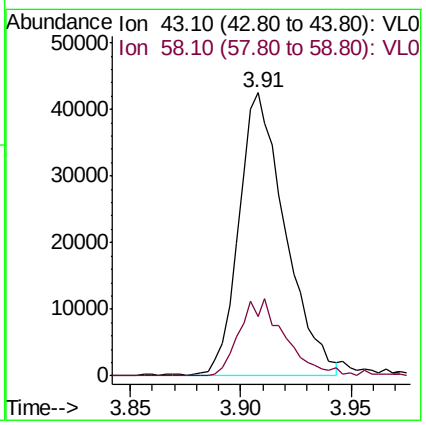


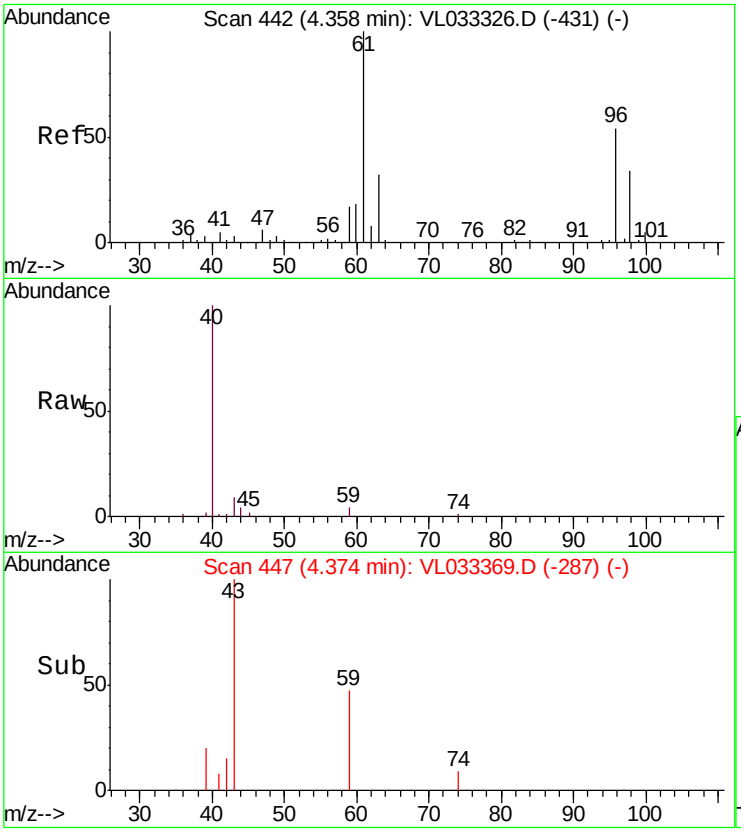


#15
Acetone
Concen: 0.538 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 43 Resp: 62291

Ion	Ratio	Lower	Upper
43	100		
58	27.3	20.4	30.6



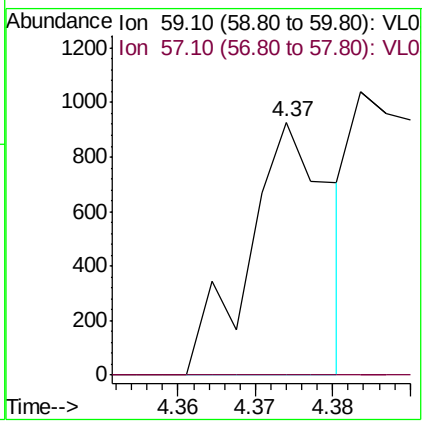


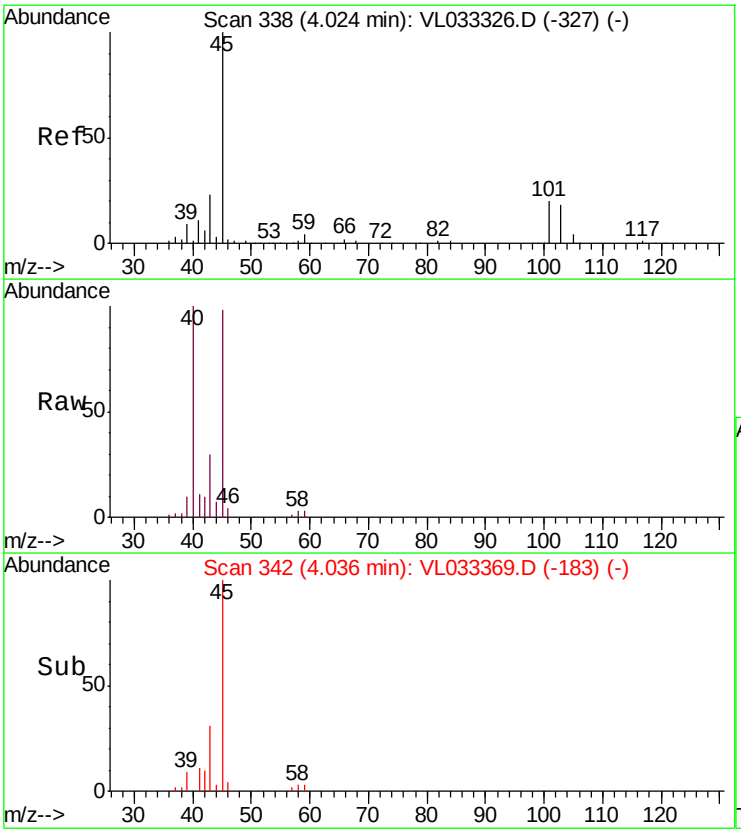
#17
tert-Butyl alcohol
Concen: 0.042 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.02 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument :
MSVOA_L
ClientSampleId :
A-10DL

Tgt Ion: 59 Resp: 679

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

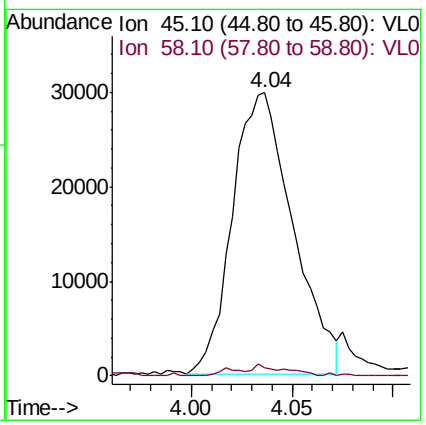


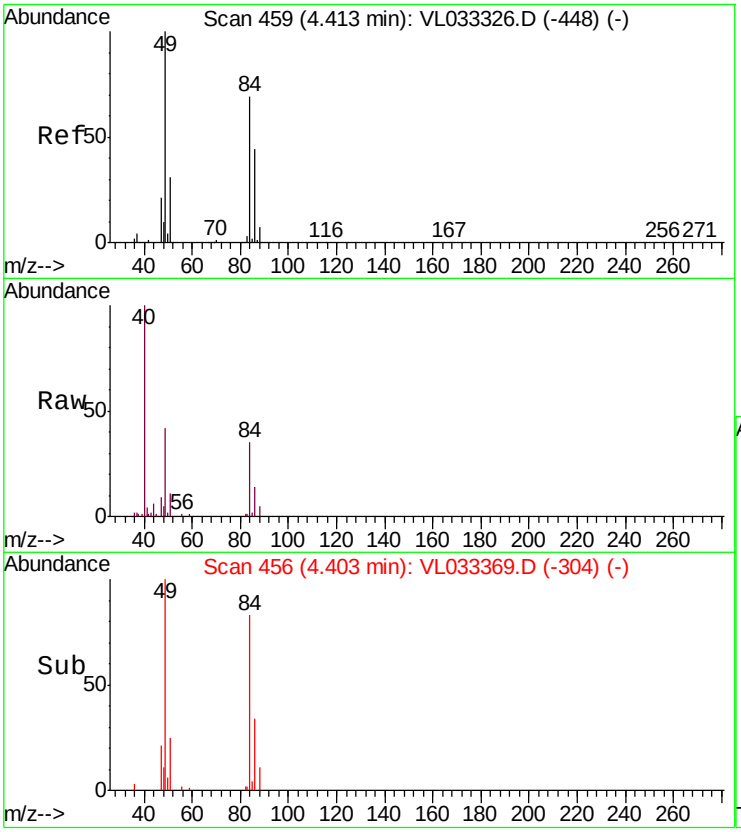


#19
Isopropyl Alcohol
Concen: 1.132 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 45 Resp: 62329

Ion	Ratio	Lower	Upper
45	100		
58	3.4	1.5	2.3#



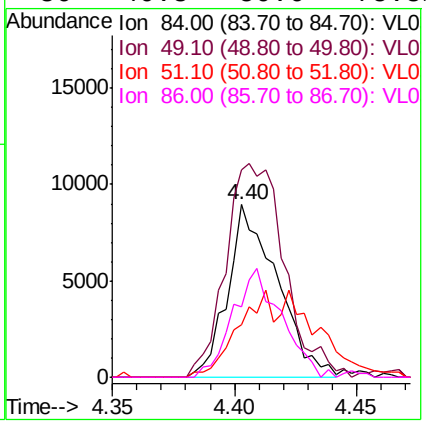


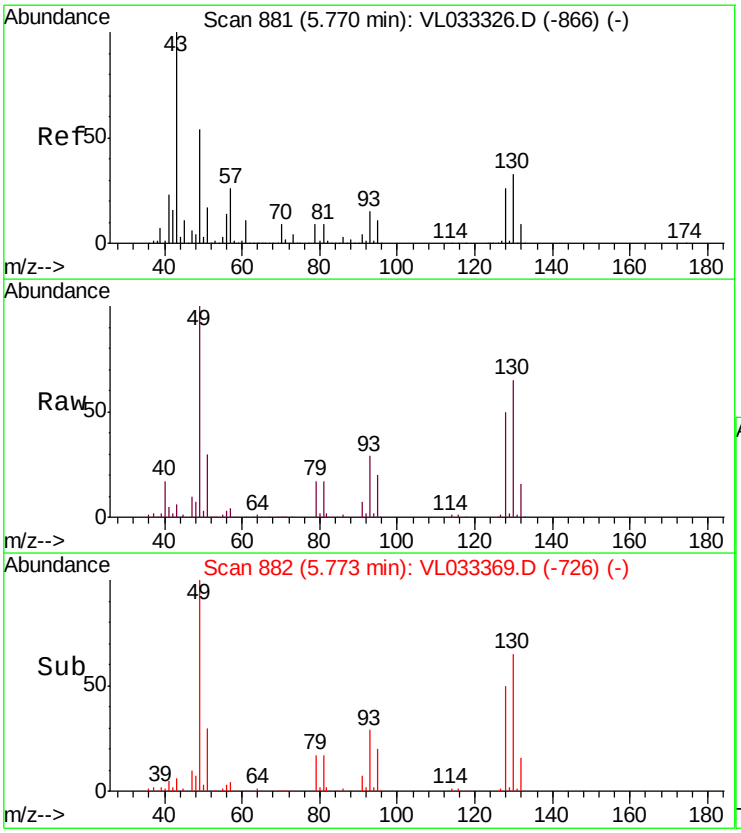
#20
Methylene Chloride
Concen: 0.334 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument : MSVOA_L
ClientSampleId : A-10DL

Tgt Ion: 84 Resp: 12623

Ion	Ratio	Lower	Upper
84	100		
49	119.8	115.4	173.0
51	30.2	35.8	53.6#
86	40.8	50.6	75.8#

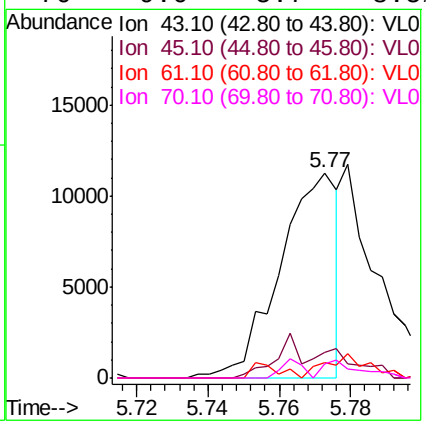


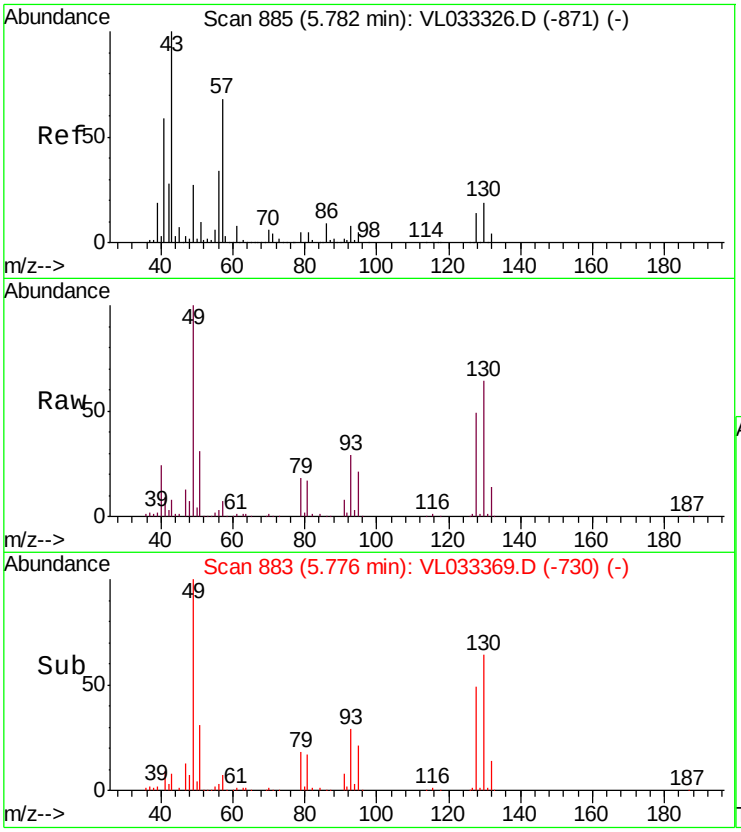


#25
Ethyl Acetate
Concen: 0.075 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 43 Resp: 12663

Ion	Ratio	Lower	Upper
43	100		
45	19.3	7.9	11.9#
61	0.0	7.4	11.2#
70	9.0	5.7	8.5#



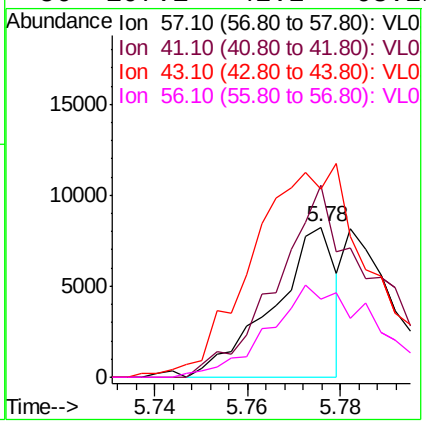


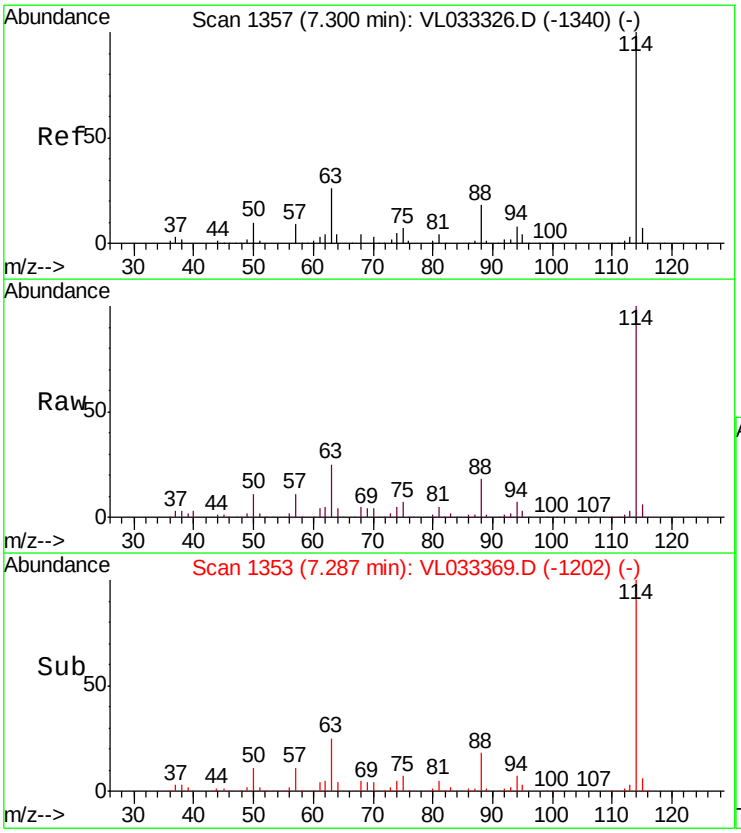
#26
Hexane
Concen: 0.102 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument : MSVOA_L
ClientSampleId : A-10DL

Tgt Ion: 57 Resp: 7659

Ion	Ratio	Lower	Upper
57	100		
41	196.6	70.5	105.7#
43	0.0	181.8	272.8#
56	107.1	42.2	63.2#

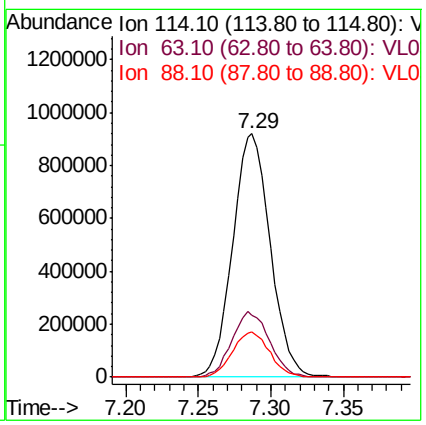


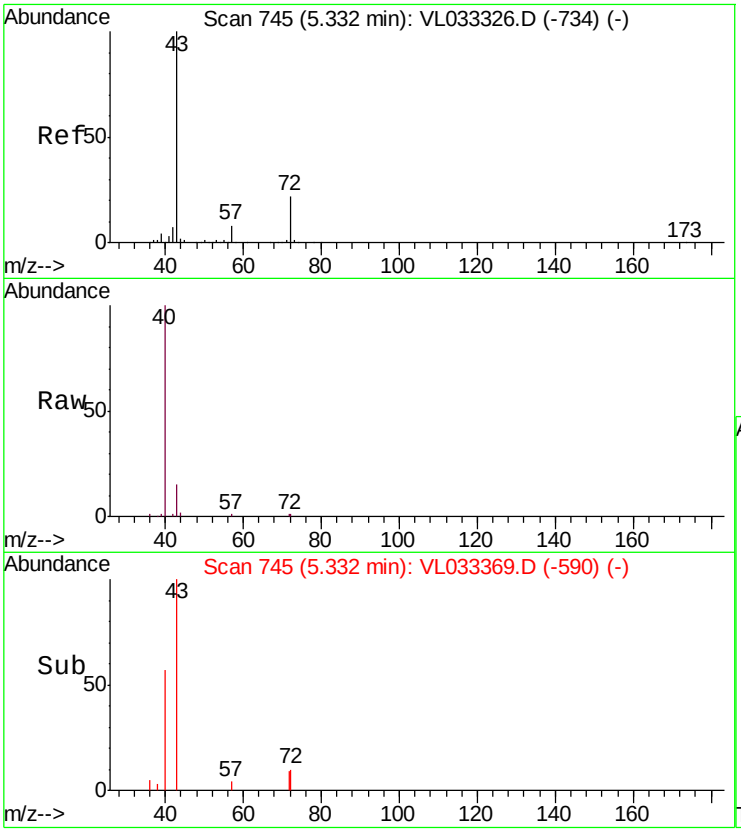


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion:114 Resp: 1656618

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.4	32.2
88	18.4	14.5	21.7



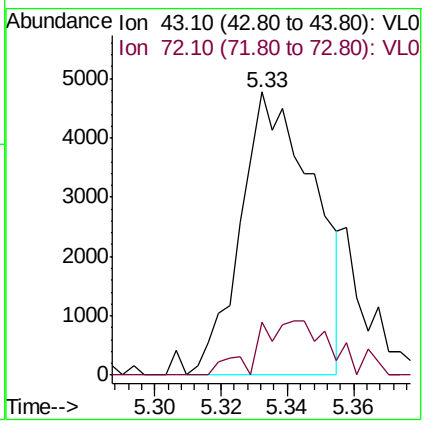


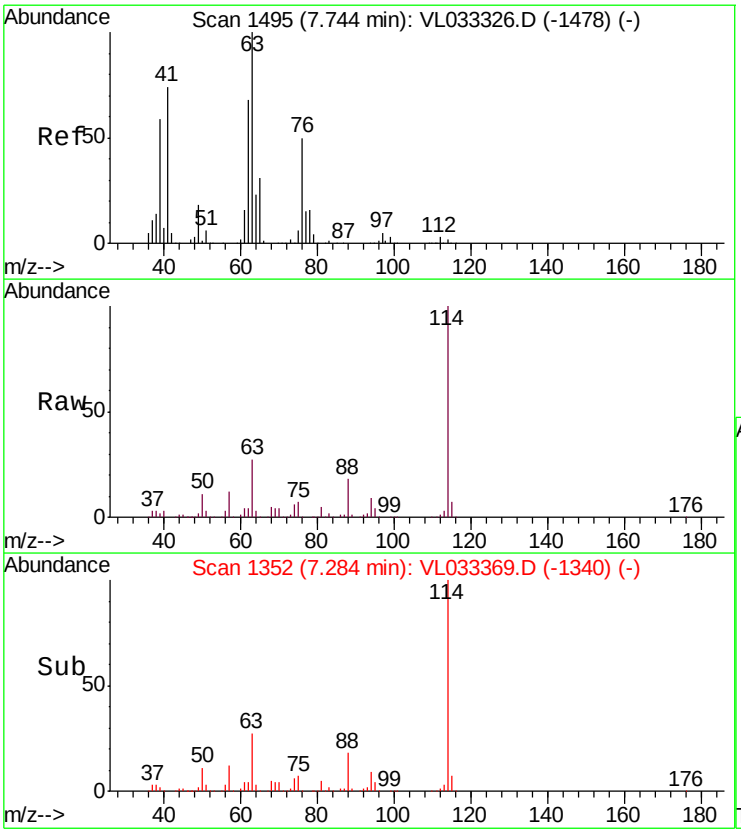
#34
2-Butanone
Concen: 0.068 ppbv
RT: 5.33 min Scan# 745
Delta R.T. -0.00 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument :
MSVOA_L
ClientSampleId :
A-10DL

Tgt Ion: 43 Resp: 7345

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

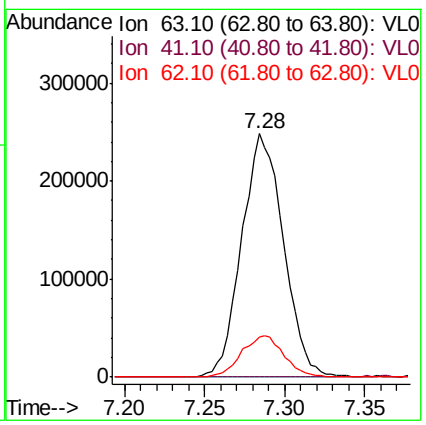


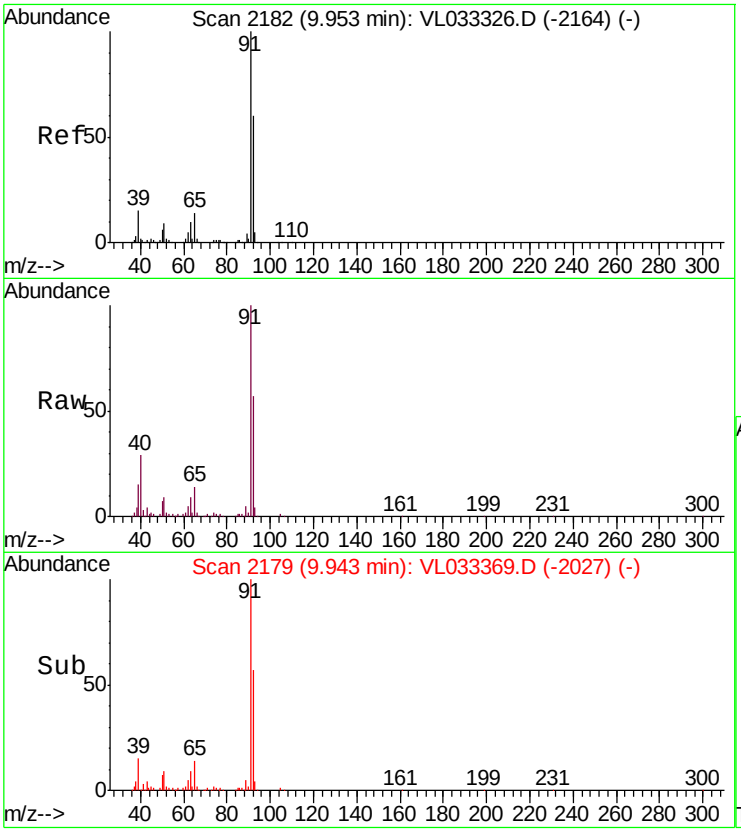


#39
1,2-Dichloropropane
Concen: 7.995 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.46 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion: 63 Resp: 443919

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	16.4	54.7	82.1#



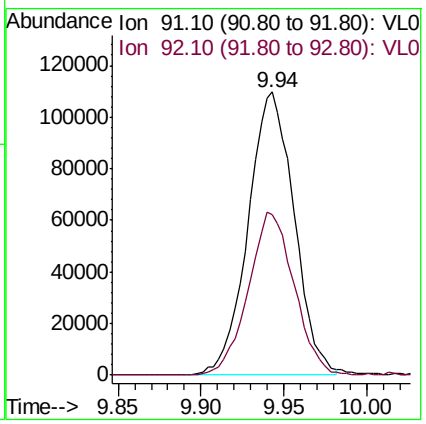


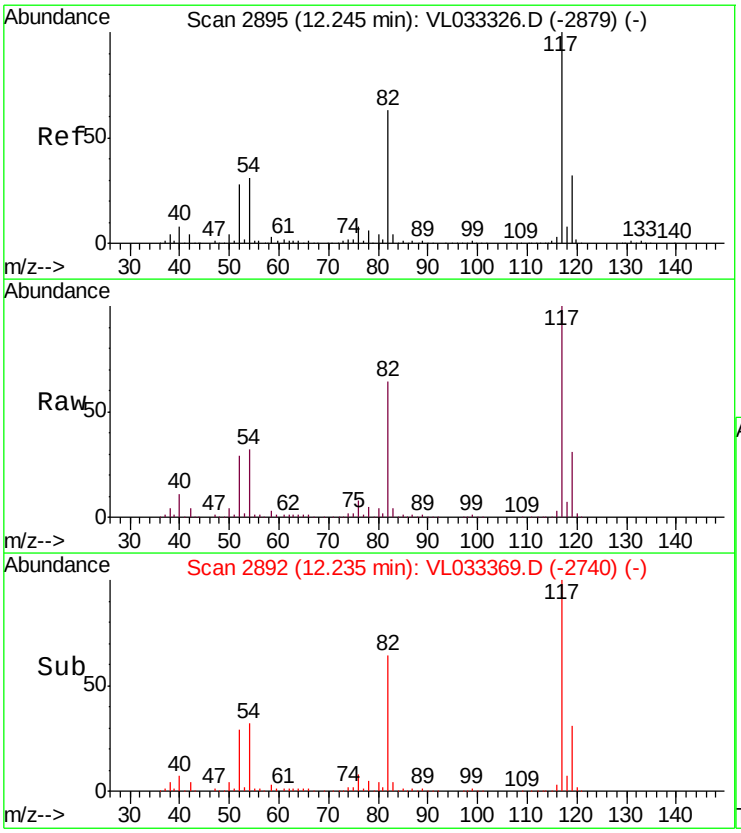
#53
Toluene
Concen: 1.253 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument : MSVOA_L
ClientSampleId : A-10DL

Tgt Ion: 91 Resp: 211118

Ion	Ratio	Lower	Upper
91	100		
92	57.5	47.4	71.0

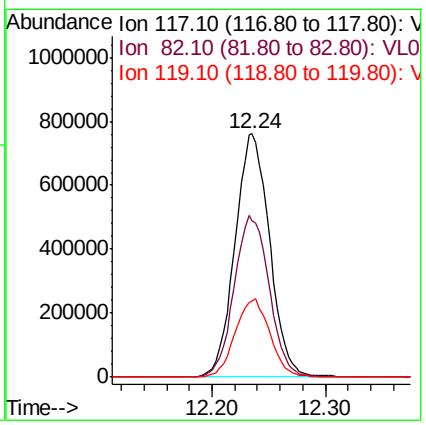


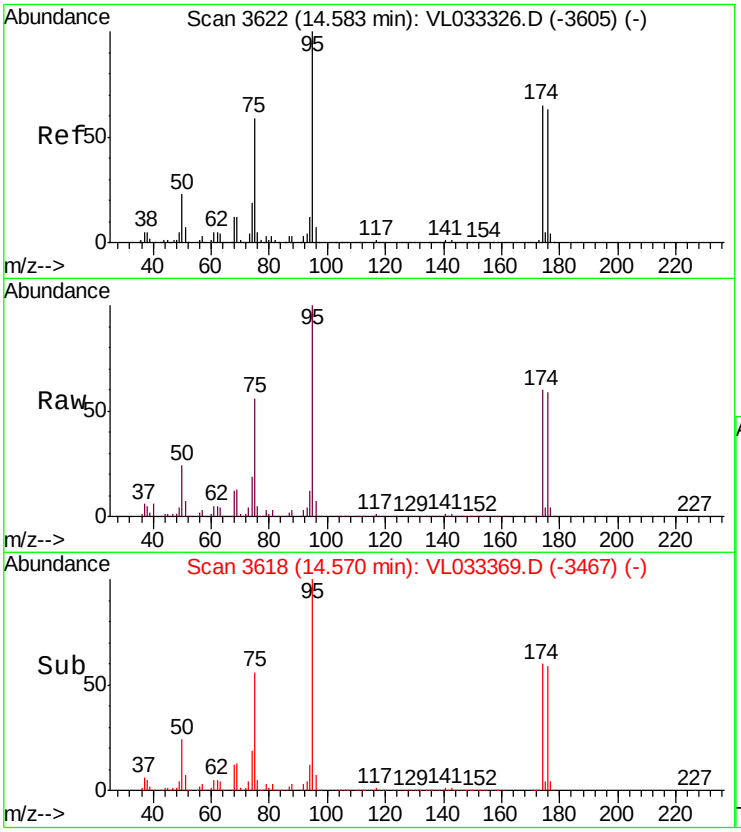


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Tgt Ion:117 Resp: 1621826

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.4	80.2
119	32.3	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.492 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033369.D
Acq: 18 Mar 2019 22:00

Instrument :
MSVOA_L
ClientSampleId :
A-10DL

Tgt Ion: 95 Resp: 1260957

Ion	Ratio	Lower	Upper
95	100		
174	64.2	51.5	77.3
175	4.7	3.8	5.6