Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\

Quantitation Report (Not Reviewed)

Data File : VL033969.D
Acq On : 26 Jun 2019 16:01
Operator : SY/AP
Sample : K3538-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Quant Time: Jun 27 01:23:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.74	49	659396	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.26	114	1530889	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.21	117	1372683	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.55	95	1194263	10.59	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	38883	0.363	ppbv		95
3) Chlorodifluoromethane	3.00	51	45289	0.583	ppbv		96
4) Chloromethane	3.16	50	71268	1.610	ppbv		95
7) Chloroethane	3.58	64	559	0.034	ppbv		88
9) Propene	3.23	41	494991	17.041	ppbv		91
11) Trichlorofluoromethane	3.99	101	37311	0.270	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.53	101	3274	0.035	ppbv	#	13
13) Ethanol	3.63	45	685364	72.522	ppbv		98
15) Acetone	3.89	43	383787	3.991	ppbv	#	46
16) 1,3-Butadiene	3.33	39	67104	1.833	ppbv	#	6
19) Isopropyl Alcohol	4.02	45	51611	0.939	ppbv	#	1
20) Methylene Chloride	4.39	84	436412	11.637	ppbv		97
21) Allyl Chloride	4.41	41	17649	0.323	ppbv	#	50
23) Vinyl Acetate	5.12	43	33914	0.303	ppbv	#	1
25) Ethyl Acetate	5.75	43	4985	0.034	ppbv	#	80
26) Hexane	5.76	57	8722	0.131	ppbv	#	39
27) Carbon Disulfide	4.61	76	13441	0.145	ppbv	#	71
30) Cyclohexane	7.22	84	3213	0.068	ppbv	#	1
34) 2-Butanone	5.32	43	17472	0.202	ppbv		95
39) 1,2-Dichloropropane	7.26	63	412244	9.134	ppbv	#	25
41) Tetrahydrofuran	6.13	42	4111	0.094	ppbv	#	35

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

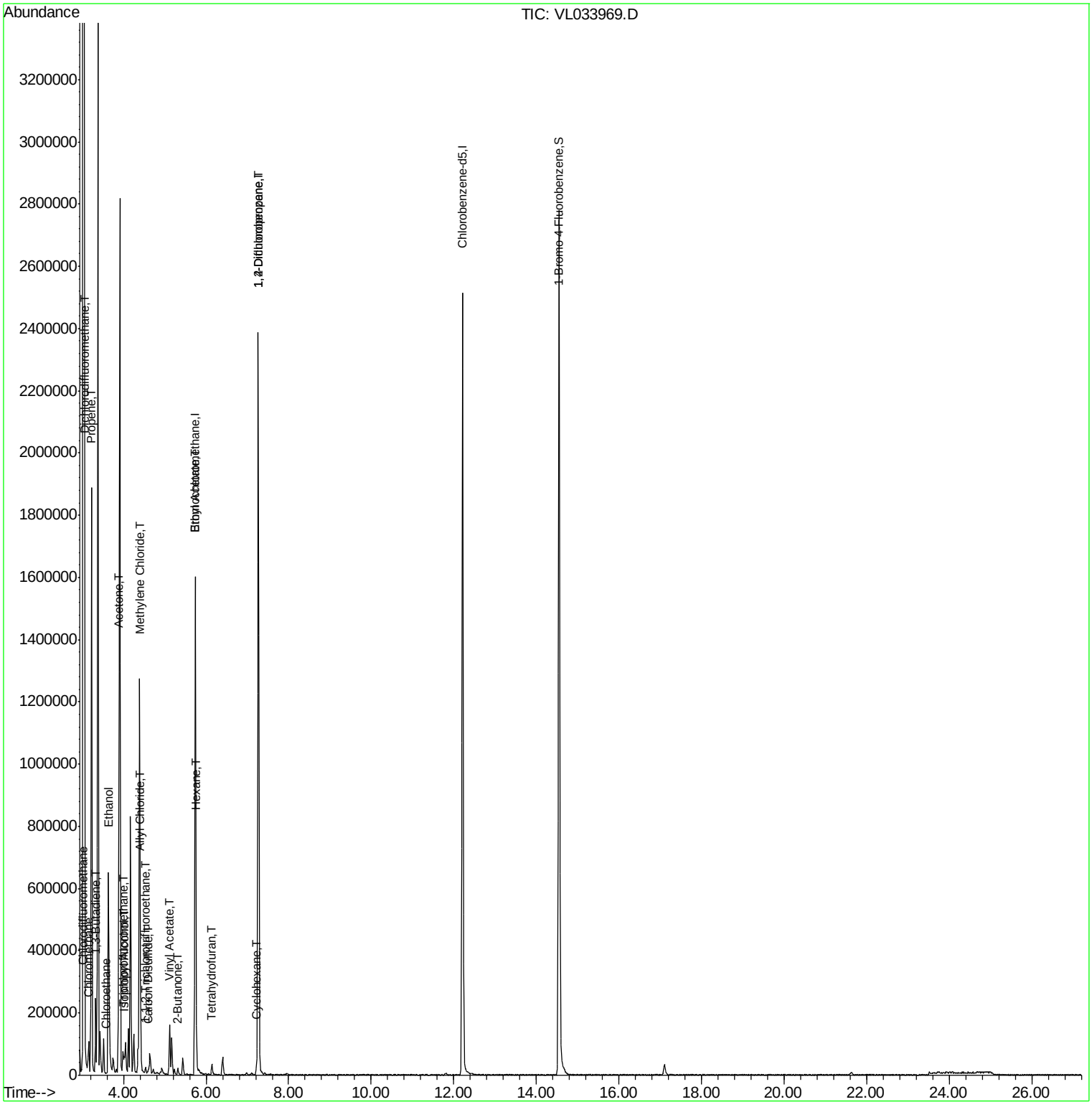
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\

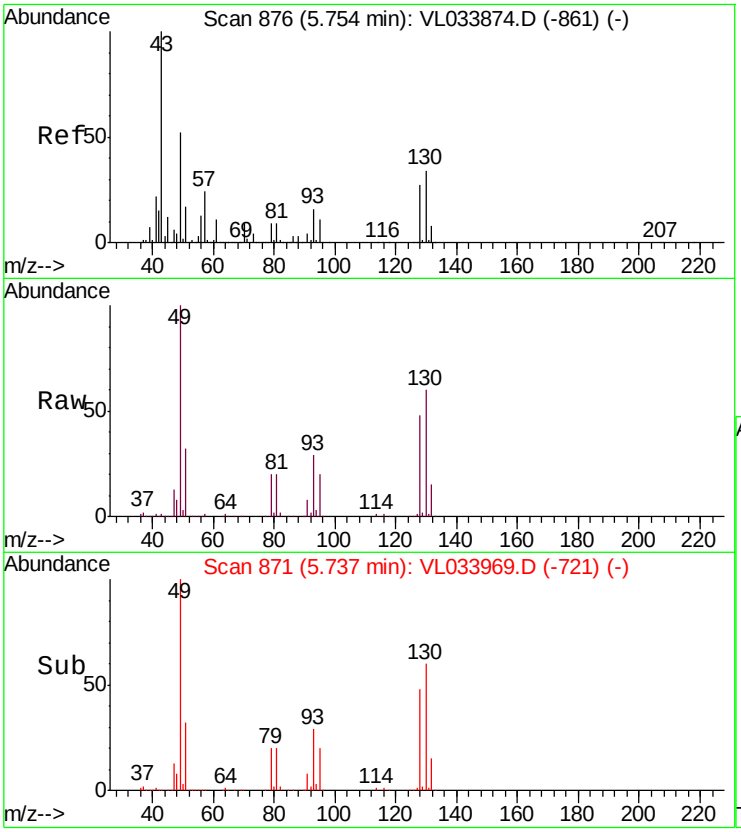
Quantitation Report (Not Reviewed)

Data File : VL033969.D
Acq On : 26 Jun 2019 16:01
Operator : SY/AP
Sample : K3538-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Quant Time: Jun 27 01:23:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



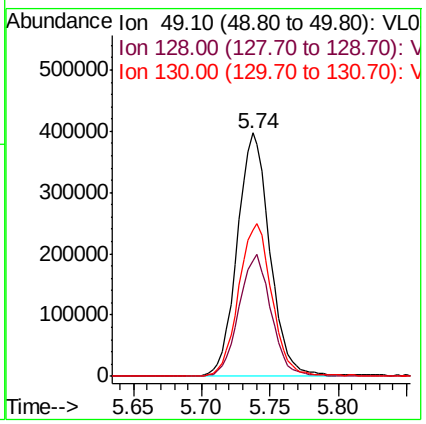


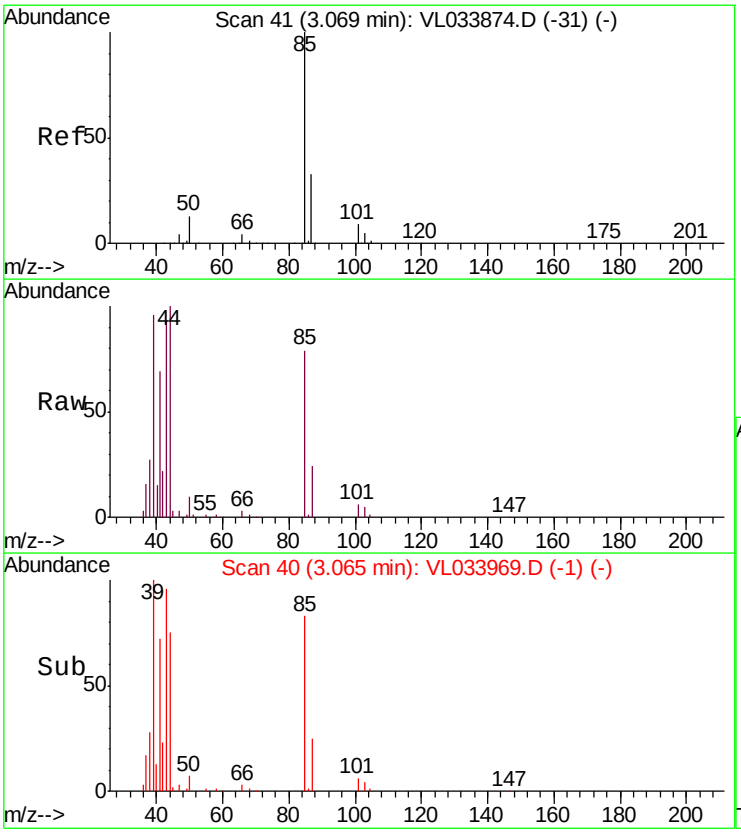
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 49 Resp: 659396

Ion	Ratio	Lower	Upper
49	100		
128	49.4	25.5	76.5
130	64.2	32.5	97.4

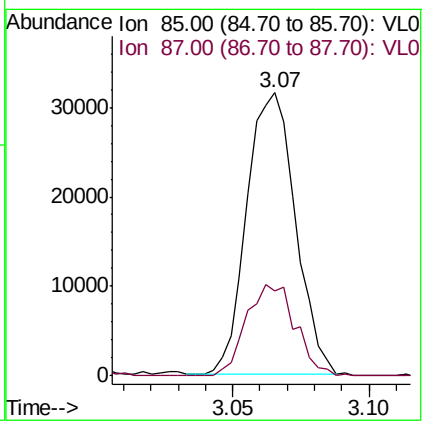


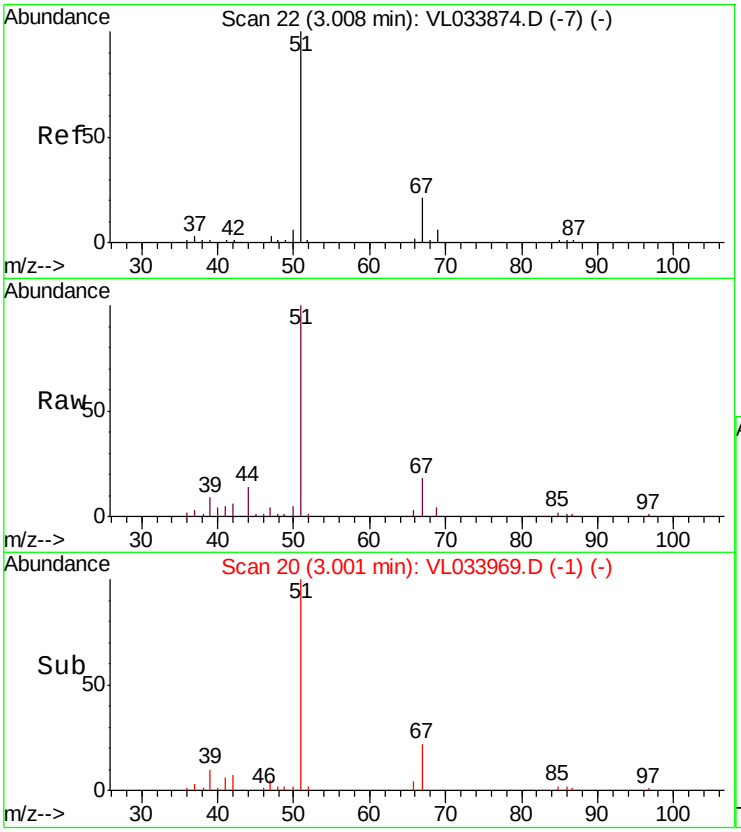


#2
Dichlorodifluoromethane
Concen: 0.363 ppbv
RT: 3.07 min Scan# 40
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 85 Resp: 38883

Ion	Ratio	Lower	Upper
85	100		
87	30.2	26.6	40.0



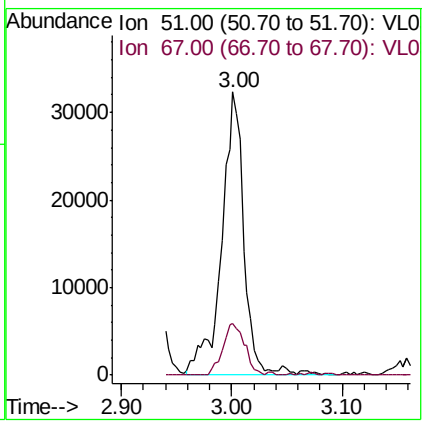


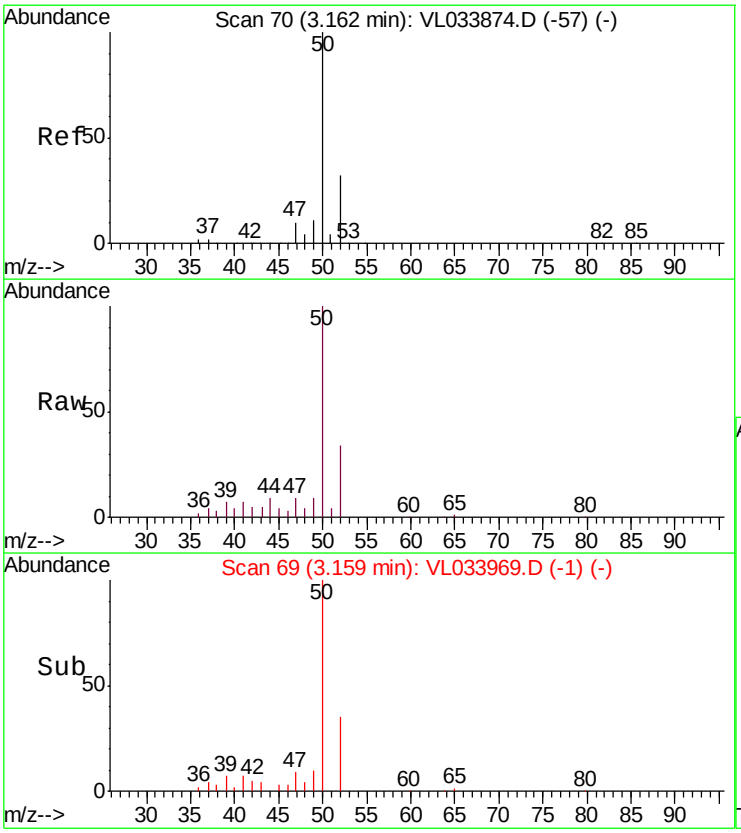
#3
Chlorodifluoromethane
Concen: 0.583 ppbv
RT: 3.00 min Scan# 20
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 51 Resp: 45289

Ion	Ratio	Lower	Upper
51	100		
67	18.5	16.4	24.6

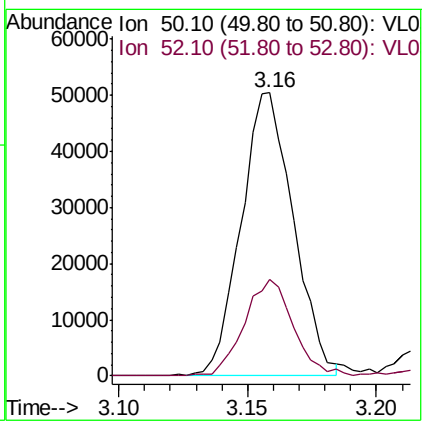


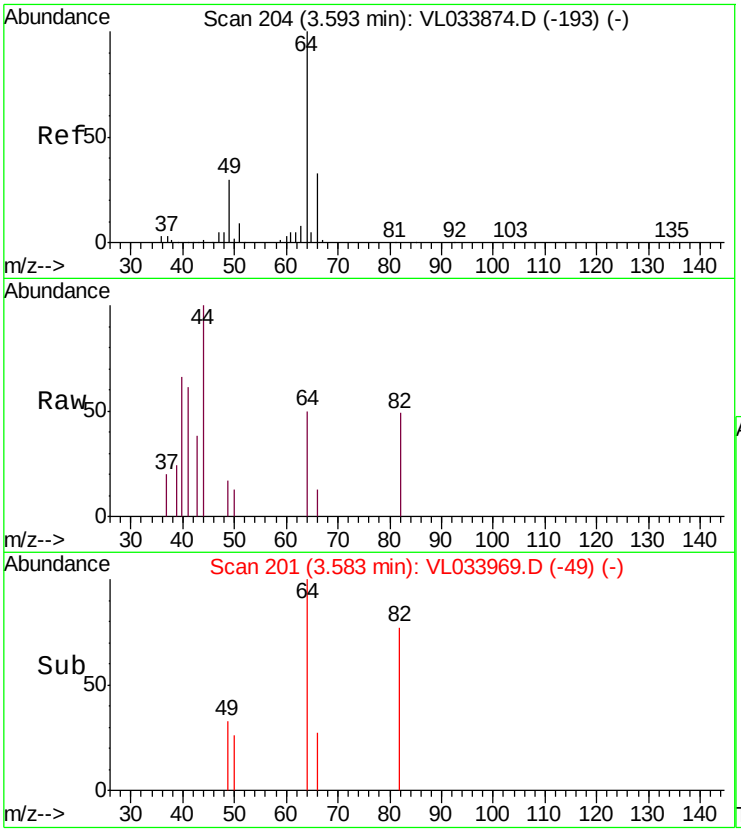


#4
Chloromethane
Concen: 1.610 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 50 Resp: 71268

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.4	38.0



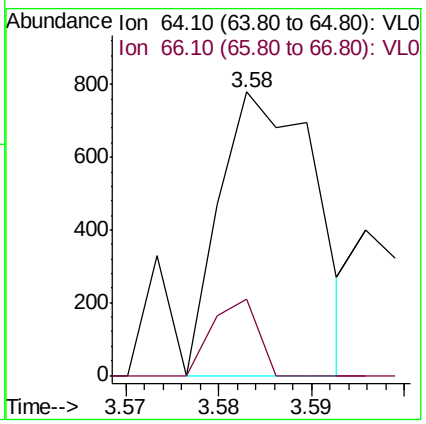


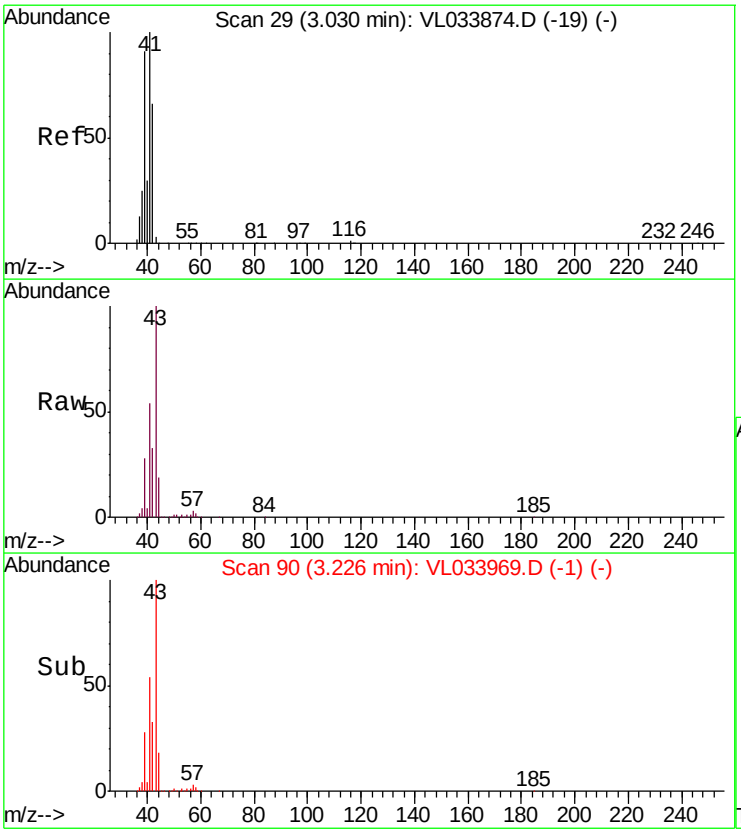
#7
Chloroethane
Concen: 0.034 ppbv
RT: 3.58 min Scan# 201
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Tgt Ion: 64 Resp: 559

Ion	Ratio	Lower	Upper
64	100		
66	26.8	26.7	40.1

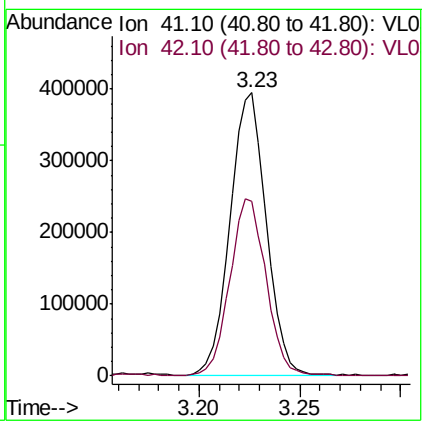


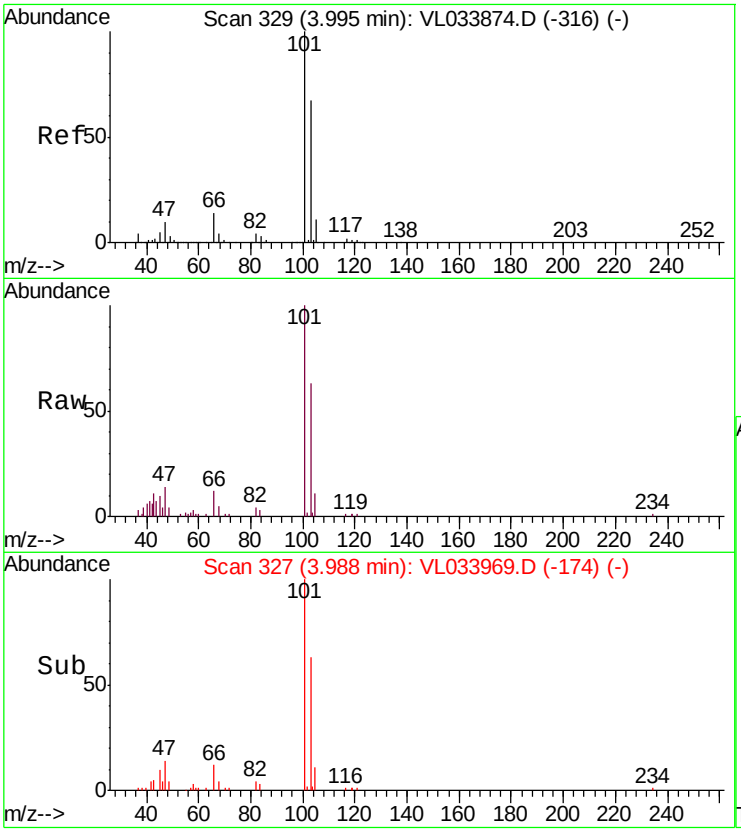


#9
Propene
Concen: 17.041 ppbv
RT: 3.23 min Scan# 90
Delta R.T. 0.20 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 41 Resp: 494991

Ion	Ratio	Lower	Upper
41	100		
42	63.0	56.3	84.5



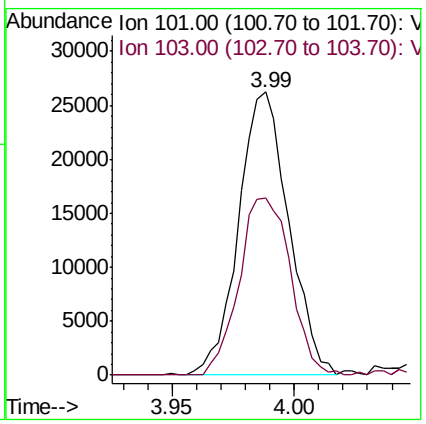


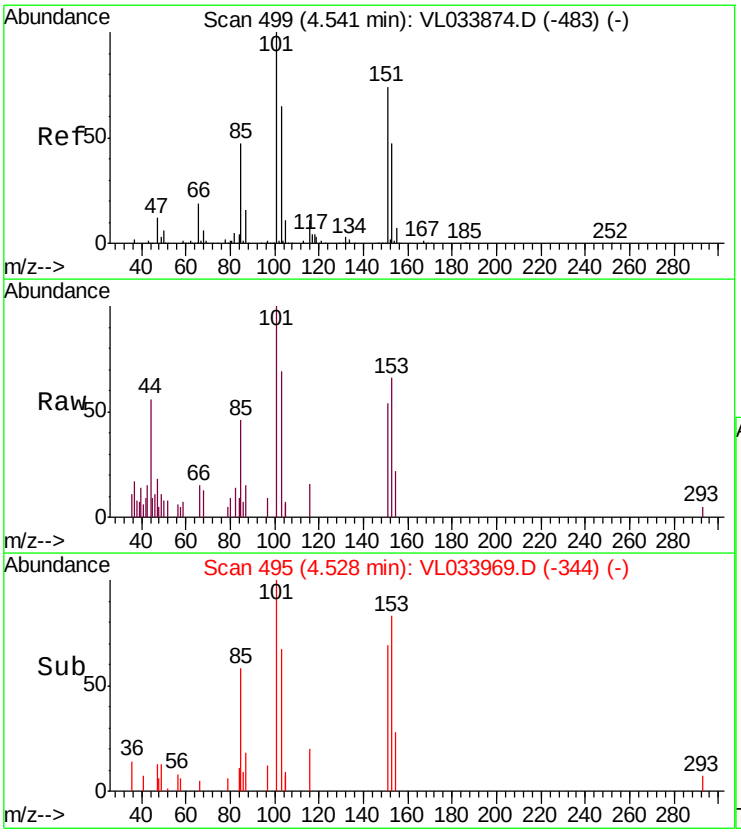
#11
Trichlorofluoromethane
Concen: 0.270 ppbv
RT: 3.99 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion:101 Resp: 37311

Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.6	80.4

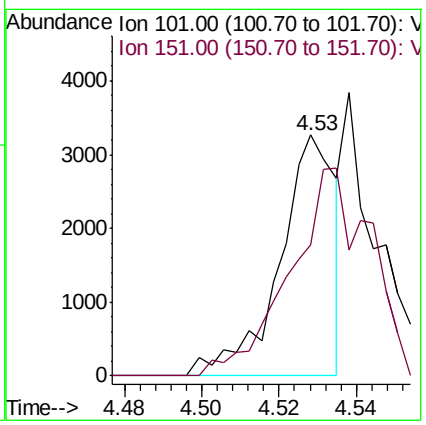


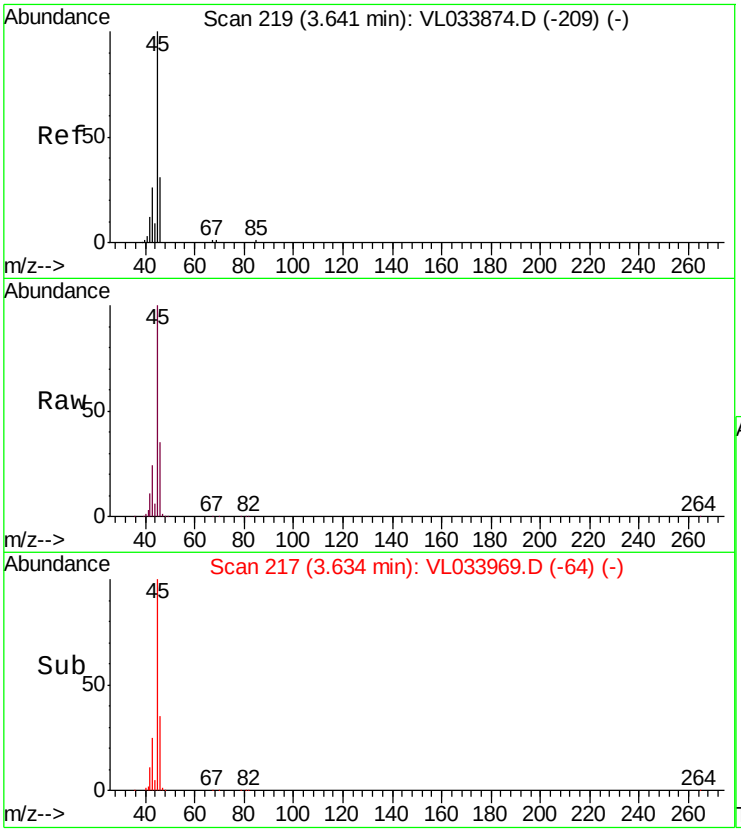


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.035 ppbv
RT: 4.53 min Scan# 495
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:101 Resp: 3274

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.6	87.8#



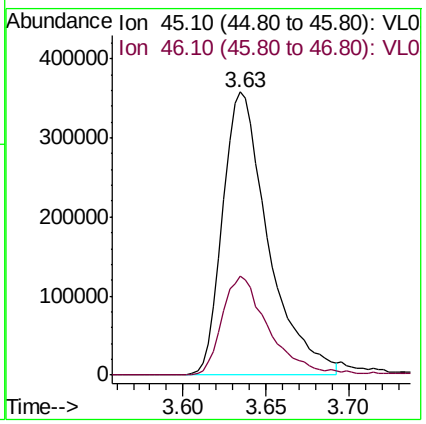


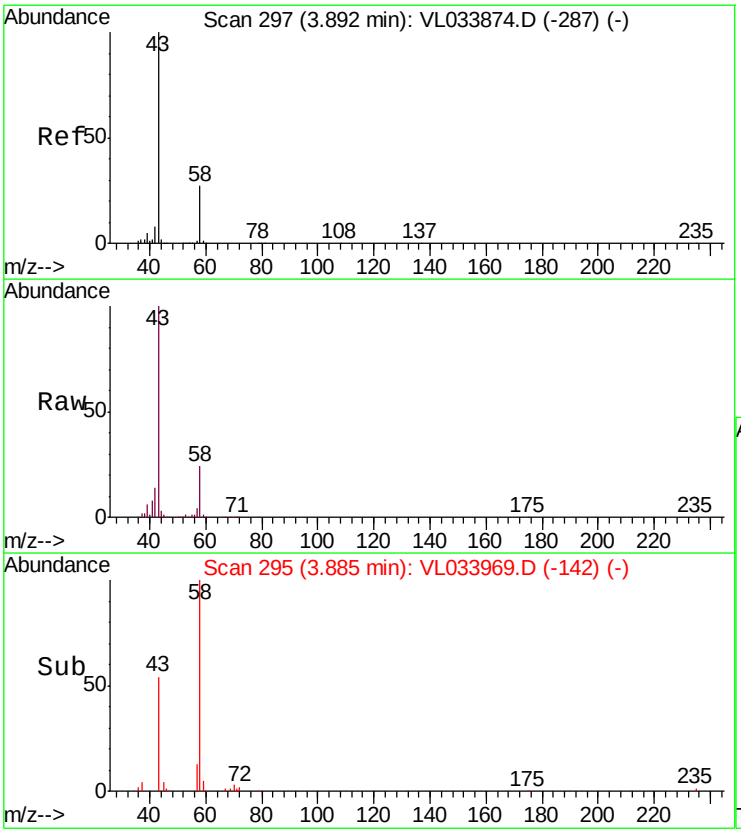
#13
Ethanol
Concen: 72.522 ppbv
RT: 3.63 min Scan# 217
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 45 Resp: 685364

Ion	Ratio	Lower	Upper
45	100		
46	37.0	15.3	61.1

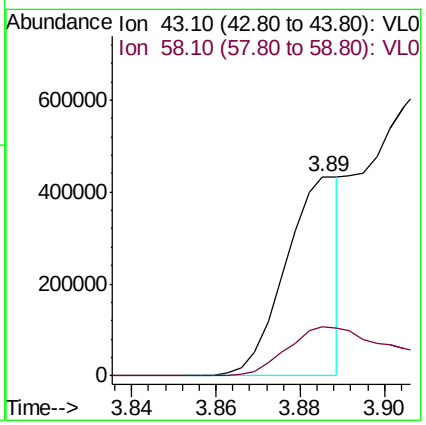


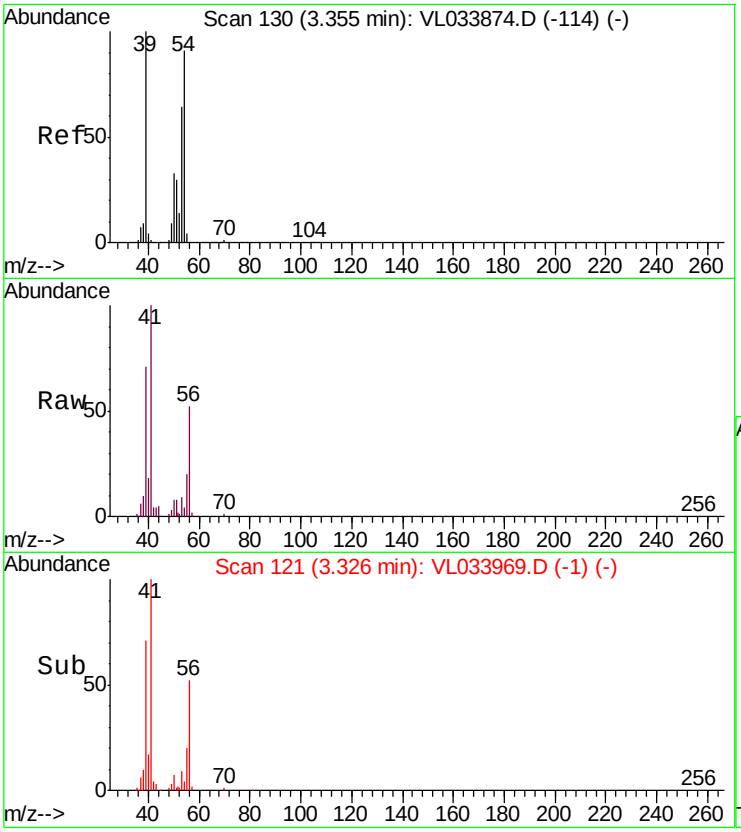


#15
Acetone
Concen: 3.991 ppbv
RT: 3.89 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 43 Resp: 383787

Ion	Ratio	Lower	Upper
43	100		
58	54.5	21.3	31.9#



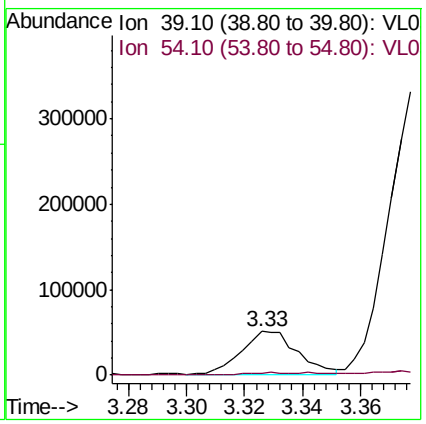


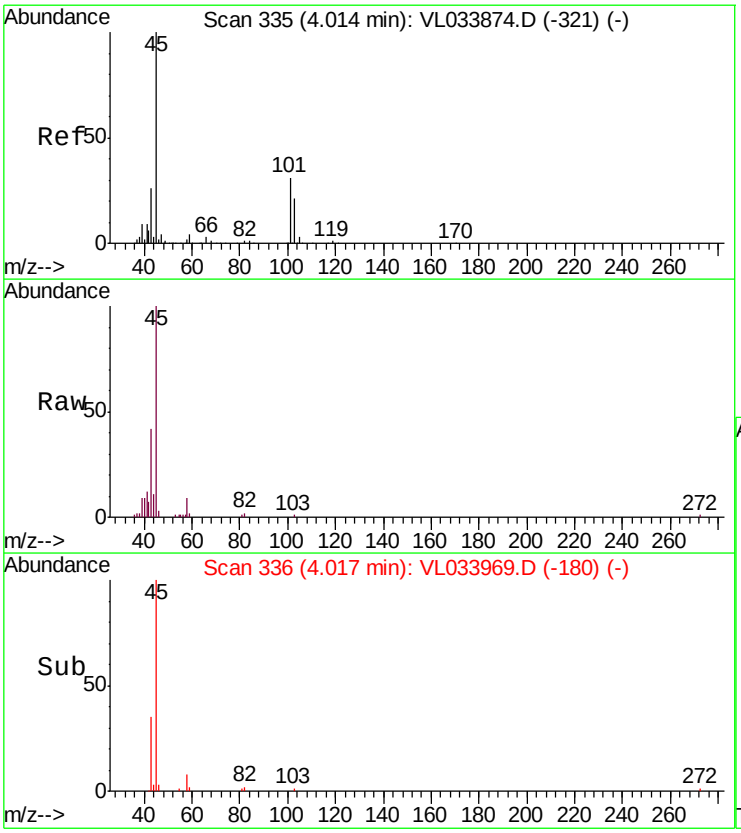
#16
1,3-Butadiene
Concen: 1.833 ppbv
RT: 3.33 min Scan# 121
Delta R.T. -0.03 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 39 Resp: 67104

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.6	103.0#

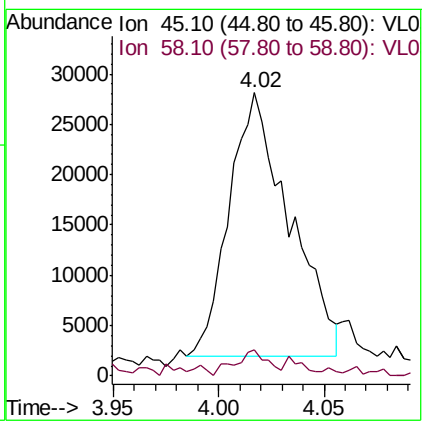


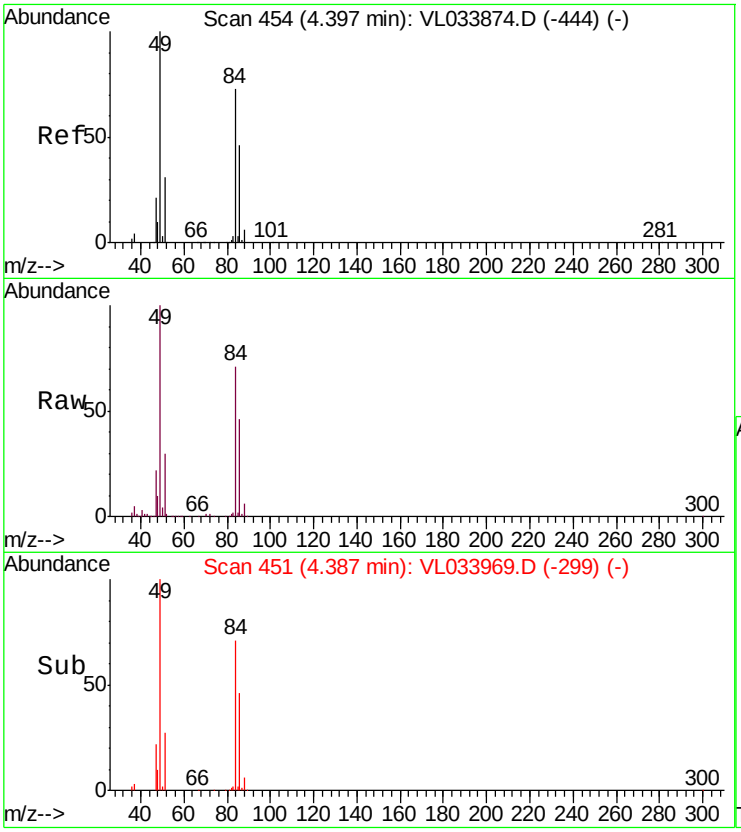


#19
Isopropyl Alcohol
Concen: 0.939 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 45 Resp: 51611

Ion	Ratio	Lower	Upper
45	100		
58	404.8	1.8	2.6#



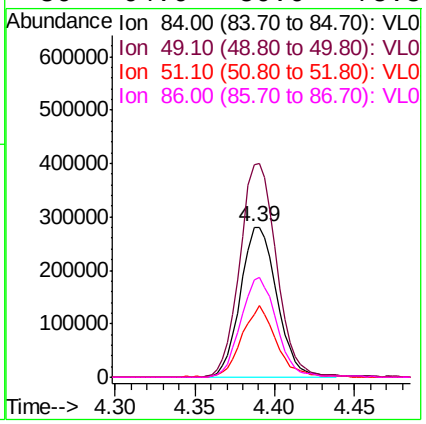


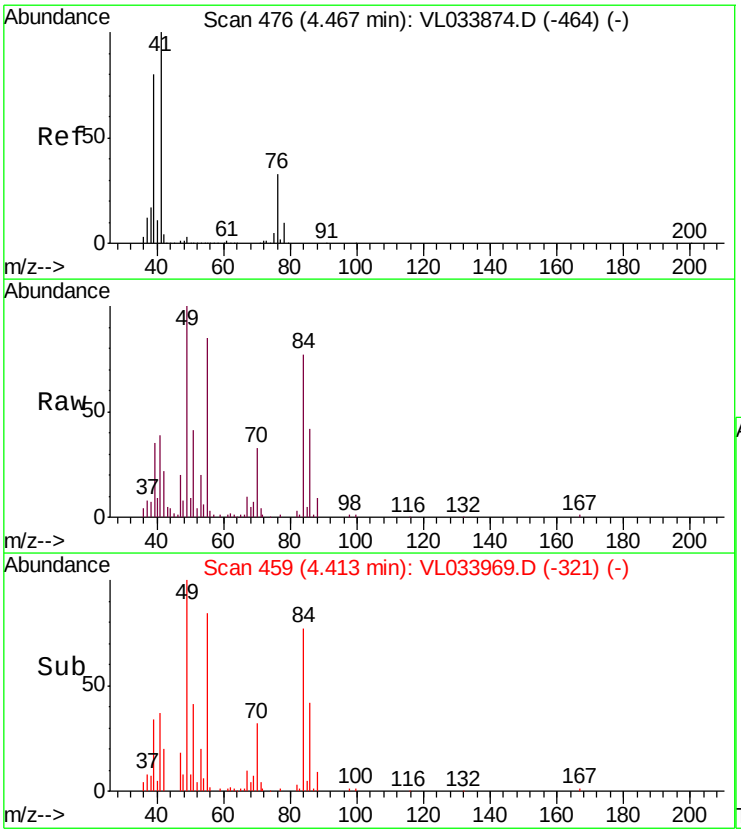
#20
Methylene Chloride
Concen: 11.637 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Tgt Ion: 84 Resp: 436412

Ion	Ratio	Lower	Upper
84	100		
49	141.2	110.0	165.0
51	41.2	34.6	51.8
86	64.6	50.6	75.8

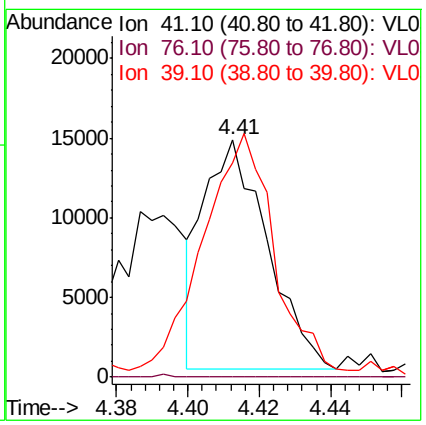


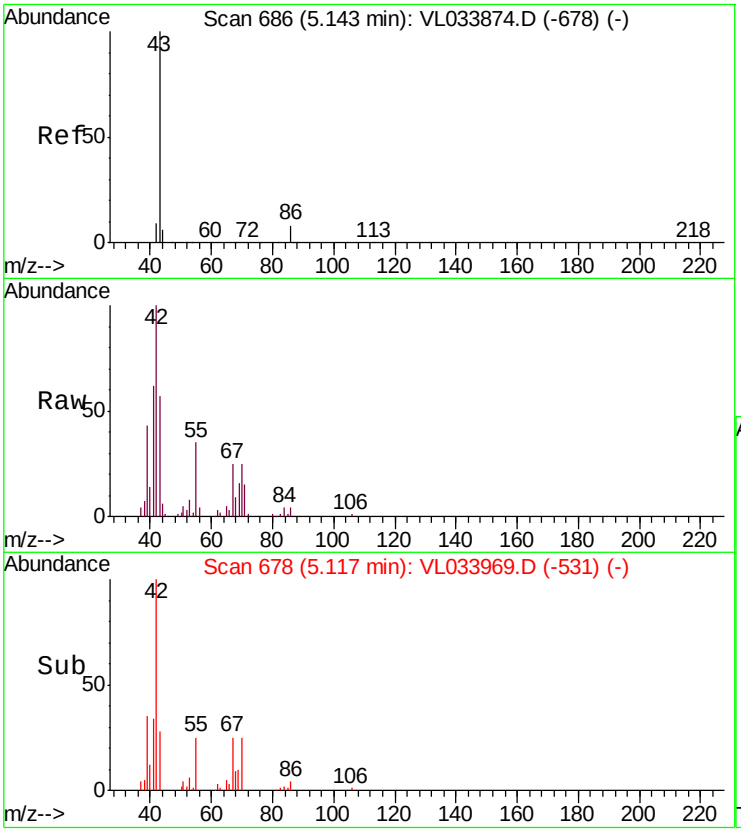


#21
Allyl Chloride
Concen: 0.323 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.05 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 41 Resp: 17649

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	39.8#
39	122.7	65.2	97.8#



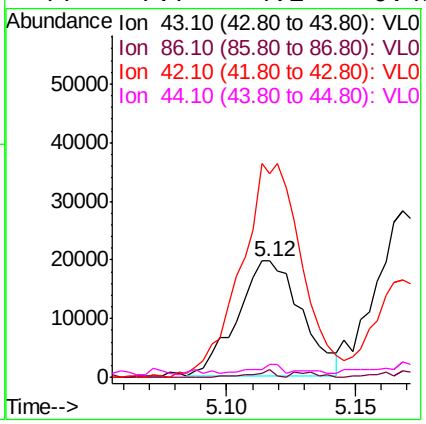


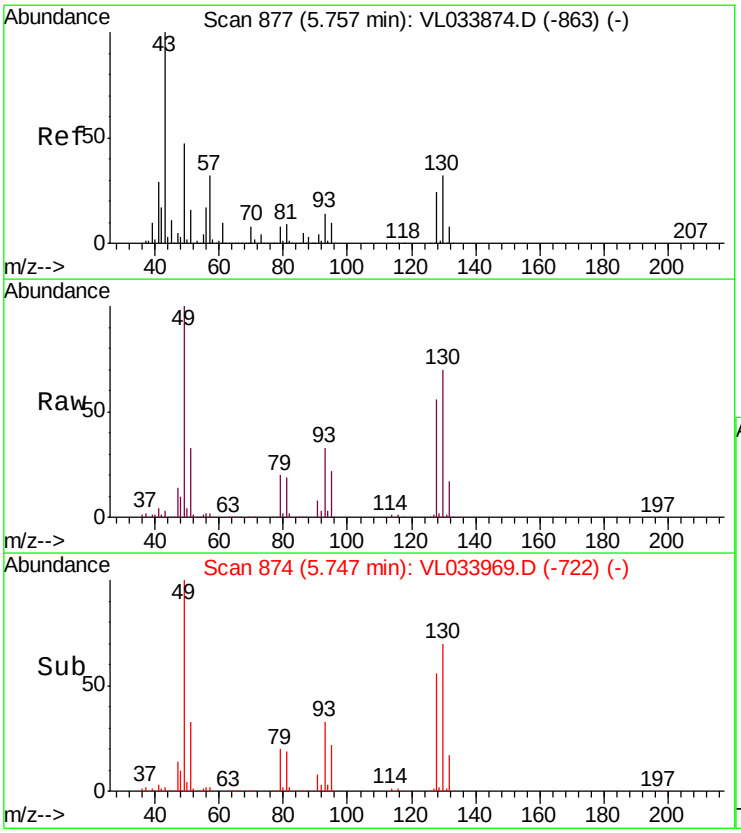
#23
Vinyl Acetate
Concen: 0.303 ppbv
RT: 5.12 min Scan# 678
Delta R.T. -0.03 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Tgt Ion: 43 Resp: 33914

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.8	8.8
42	182.9	7.8	11.8#
44	7.7	4.2	6.4#

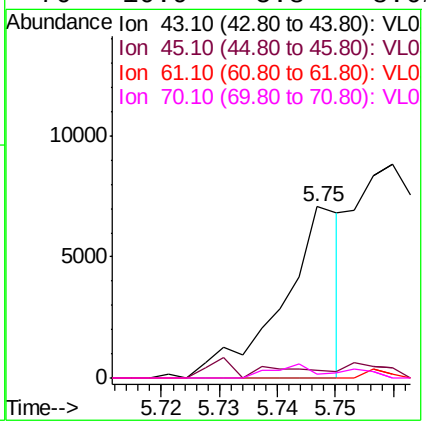


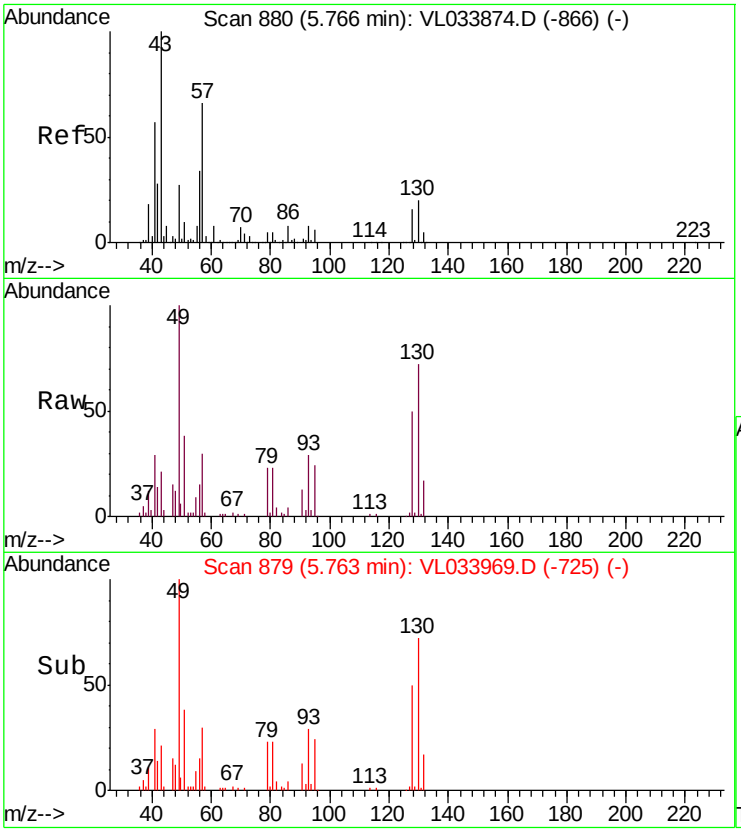


#25
Ethyl Acetate
Concen: 0.034 ppbv
RT: 5.75 min Scan# 874
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 43 Resp: 4985

Ion	Ratio	Lower	Upper
43	100		
45	17.8	7.9	11.9#
61	0.0	7.8	11.6#
70	10.9	5.8	8.6#



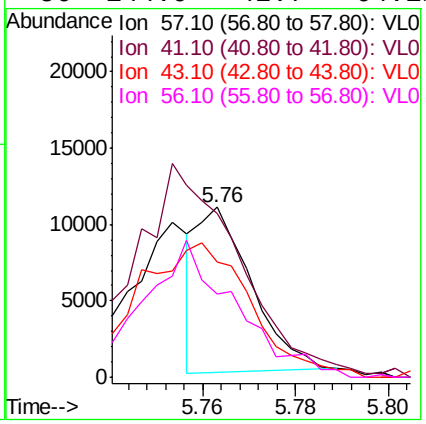


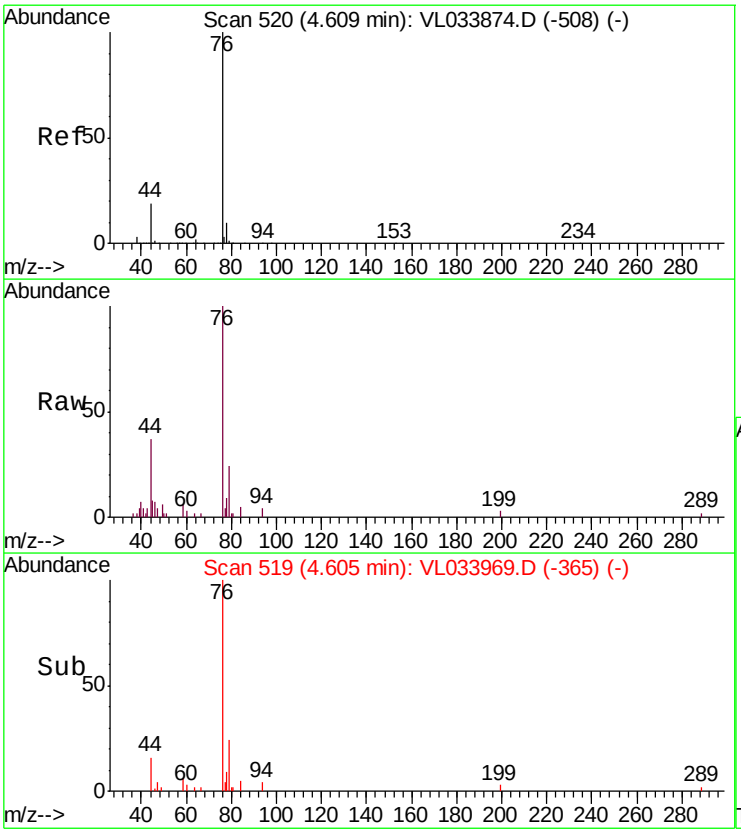
#26
Hexane
Concen: 0.131 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Tgt Ion: 57 Resp: 8722

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	177.0	183.7	275.5#
56	144.9	42.7	64.1#

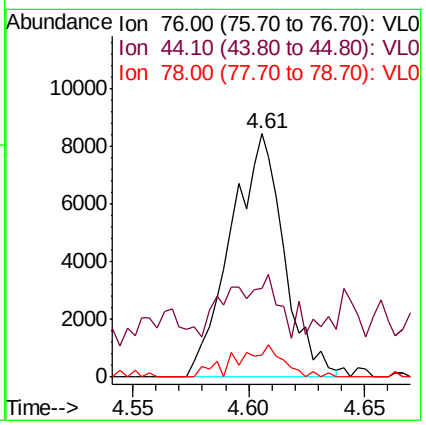


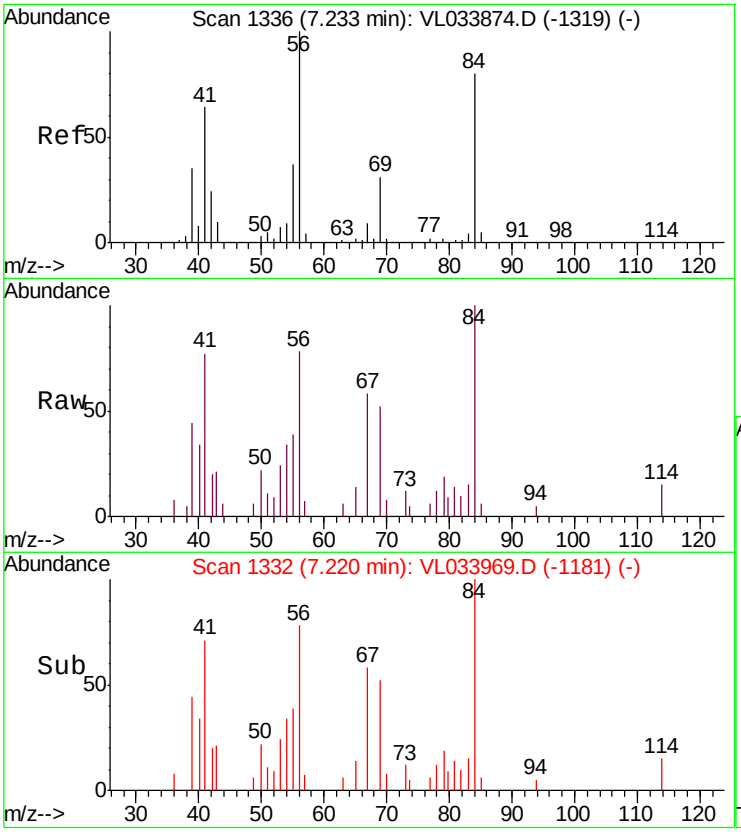


#27
Carbon Disulfide
Concen: 0.145 ppbv
RT: 4.61 min Scan# 519
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 76 Resp: 13441

Ion	Ratio	Lower	Upper
76	100		
44	35.9	14.4	21.6#
78	11.7	7.5	11.3#



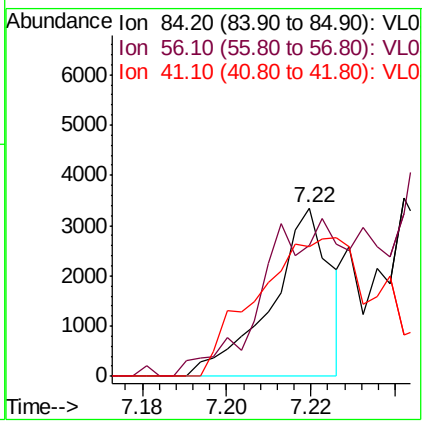


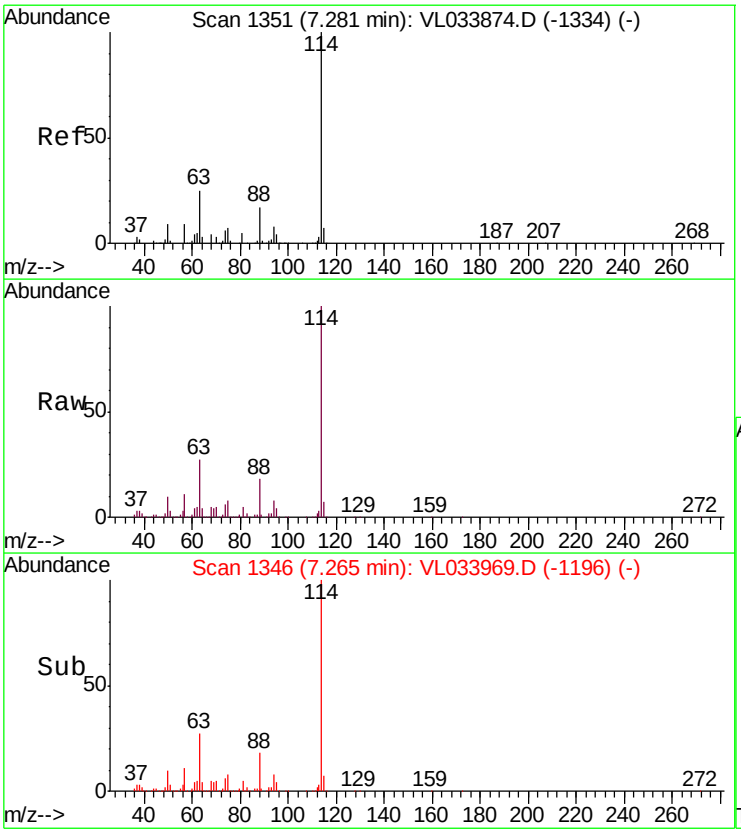
#30
Cyclohexane
Concen: 0.068 ppbv
RT: 7.22 min Scan# 1332
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 84 Resp: 3213

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.8	158.8#
41	0.0	65.7	98.5#

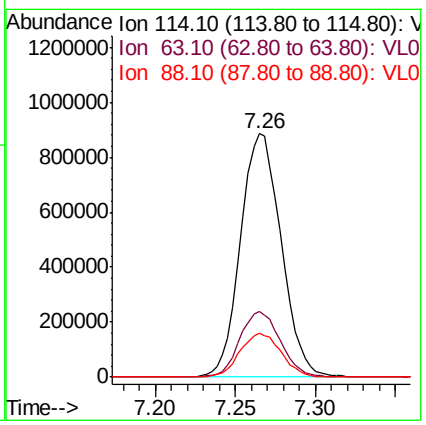


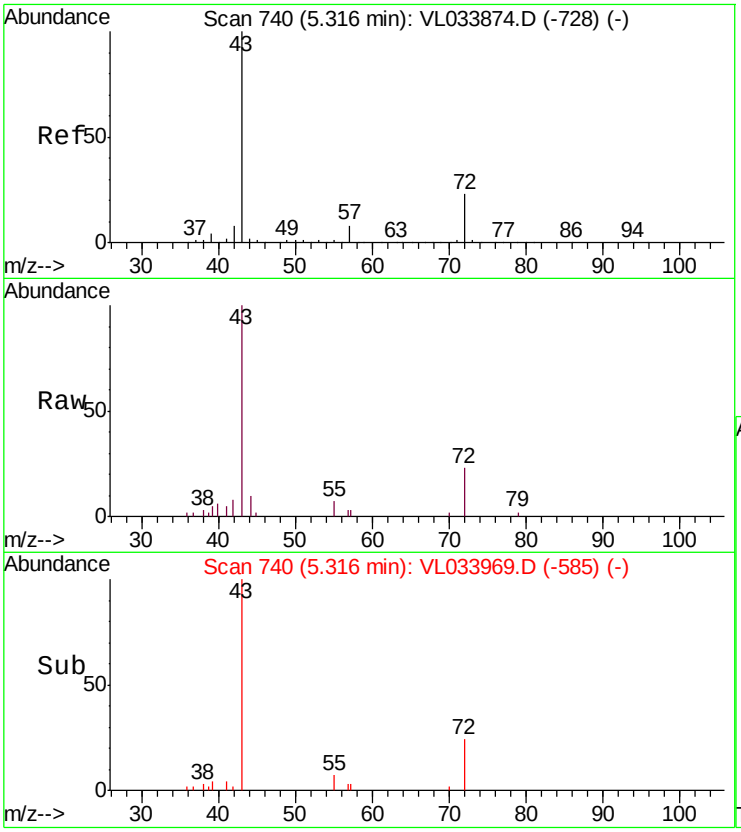


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:114 Resp: 1530889

Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.1	31.7
88	18.3	14.2	21.4



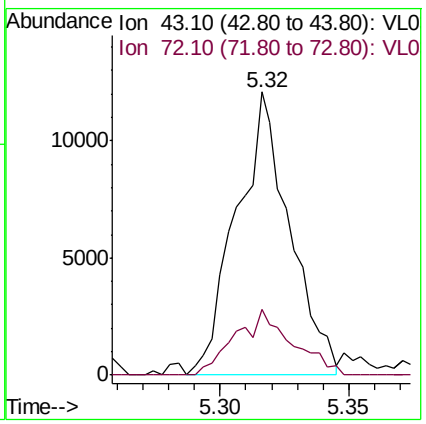


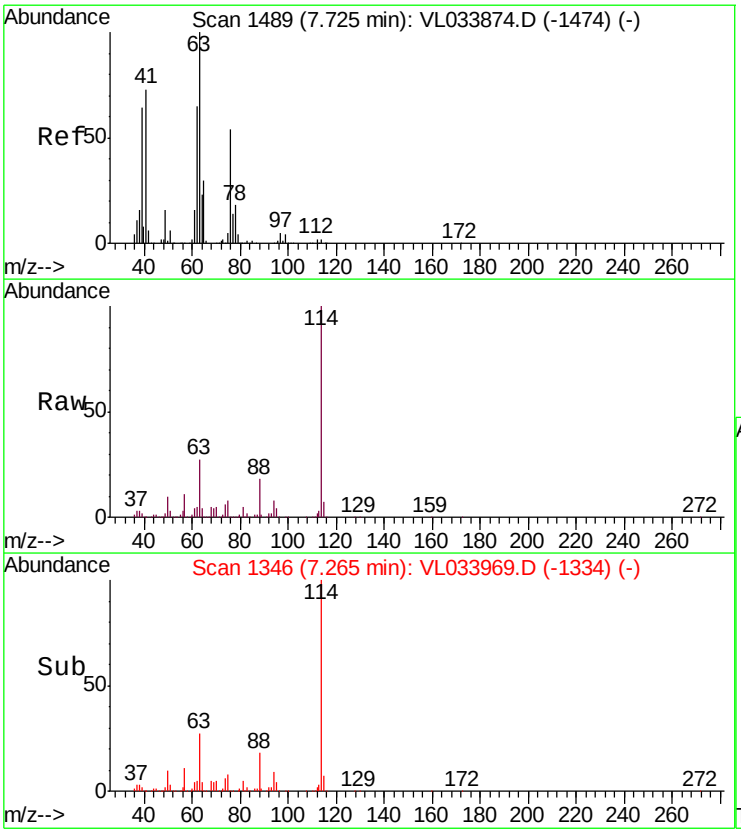
#34
2-Butanone
Concen: 0.202 ppbv
RT: 5.32 min Scan# 740
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 43 Resp: 17472

Ion	Ratio	Lower	Upper
43	100		
72	24.7	17.9	26.9

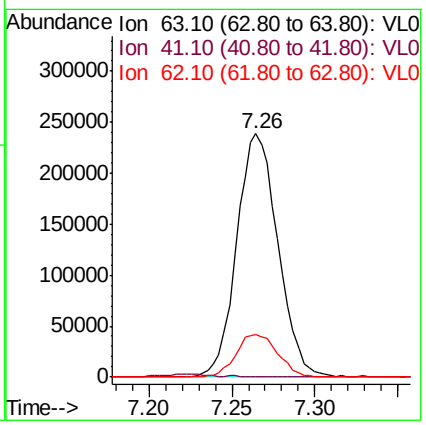


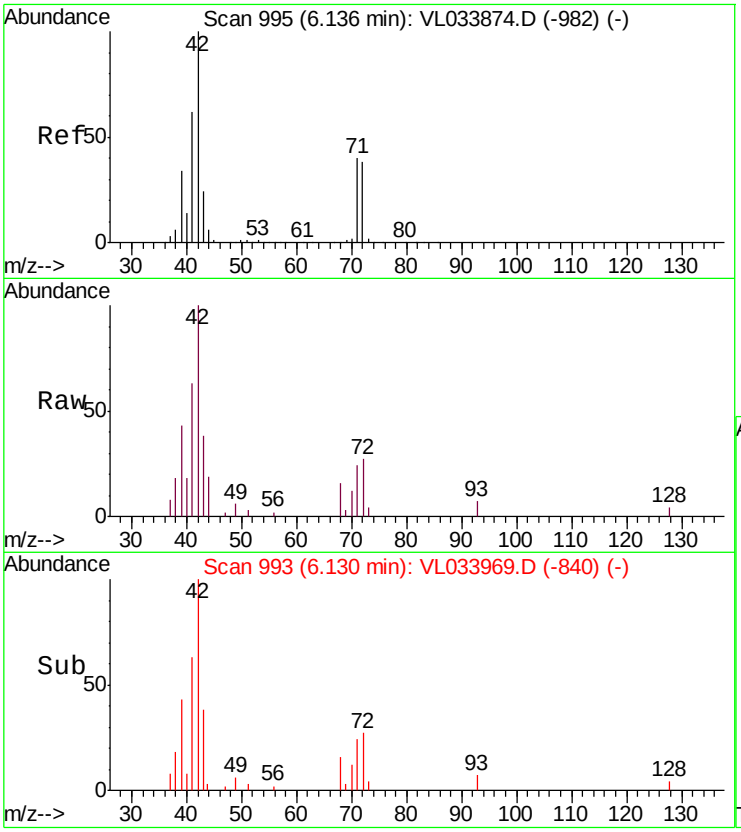


#39
1,2-Dichloropropane
Concen: 9.134 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.46 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 63 Resp: 412244

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	17.4	51.9	77.9#



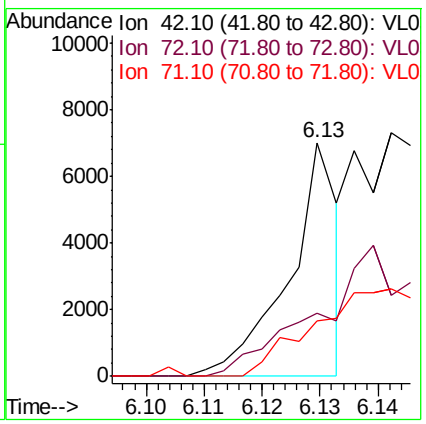


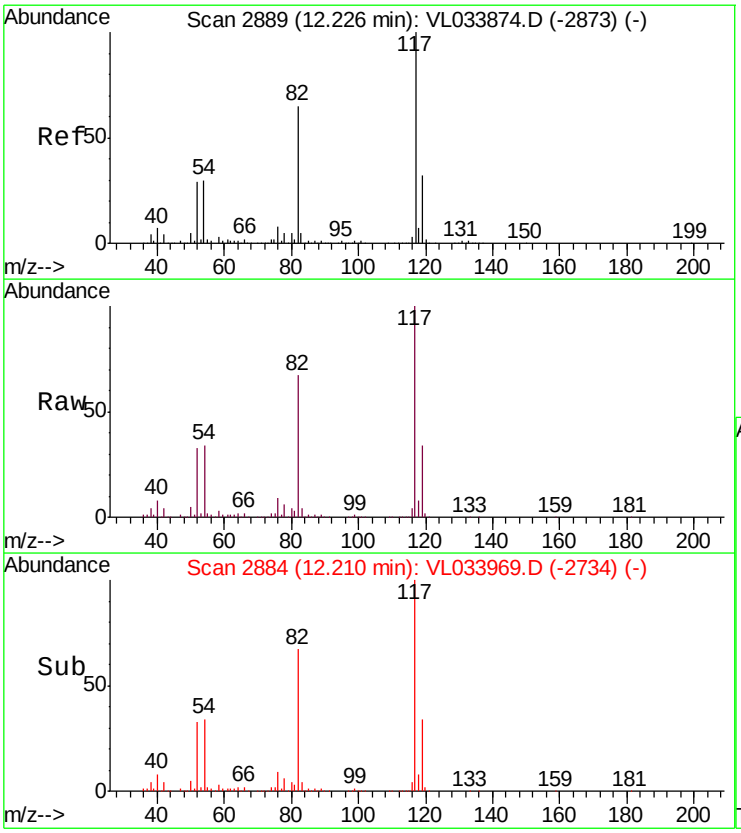
#41
Tetrahydrofuran
Concen: 0.094 ppbv
RT: 6.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

Tgt Ion: 42 Resp: 4111

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.2	48.4#
71	0.0	31.7	47.5#

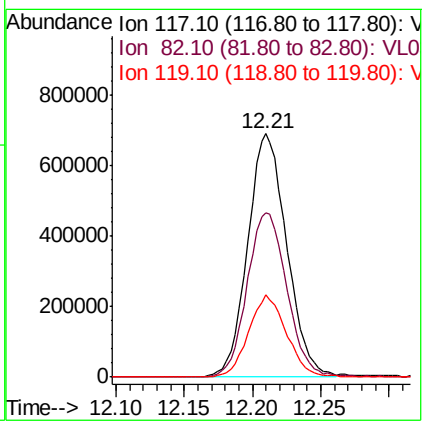


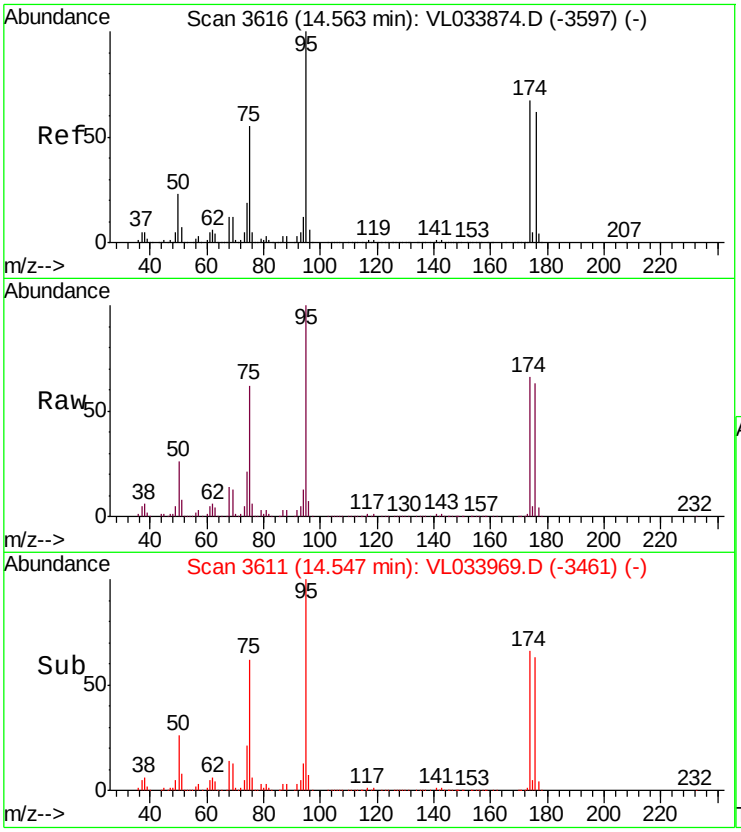


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:117 Resp: 1372683

Ion	Ratio	Lower	Upper
117	100		
82	69.3	50.2	75.2
119	33.0	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.592 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

Tgt Ion: 95 Resp: 1194263

Ion	Ratio	Lower	Upper
95	100		
174	65.8	54.0	81.0
175	4.5	3.8	5.8