Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081020\

Quantitation Report (Not Reviewed)

Data File : VL035377.D
Acq On : 11 Aug 2020 7:20
Operator : SY/AP
Sample : L3554-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 4-UNDER-GROUNDDL

Quant Time: Aug 11 09:39:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1243149	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3110988	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2849785	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2401413	10.10	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	10586	0.064	ppbv		98
3) Chlorodifluoromethane	2.94	51	7277	0.051	ppbv	#	79
4) Chloromethane	3.10	50	3256	0.041	ppbv	#	81
7) Chloroethane	3.52	64	932	0.030	ppbv	#	60
9) Propene	2.97	41	41242	0.816	ppbv		90
11) Trichlorofluoromethane	3.91	101	160278	0.748	ppbv		93
13) Ethanol	3.57	45	853	0.049	ppbv	#	37
15) Acetone	3.81	43	1316156	7.455	ppbv		96
16) 1,3-Butadiene	3.27	39	113848	1.675	ppbv	#	18
20) Methylene Chloride	4.31	84	17571	0.244	ppbv		96
25) Ethyl Acetate	5.67	43	21986	0.082	ppbv	#	92
26) Hexane	5.67	57	15577	0.134	ppbv	#	39
29) Chloroform	5.74	83	17932	0.089	ppbv	#	81
34) 2-Butanone	5.22	43	80550	0.526	ppbv	#	52
36) Benzene	6.89	78	15977	0.076	ppbv	#	76
39) 1,2-Dichloropropane	7.18	63	815737	9.592	ppbv	#	23
80) Naphthalene,2-methyl-	25.01	142	5333	0.089	ppbv	#	84

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

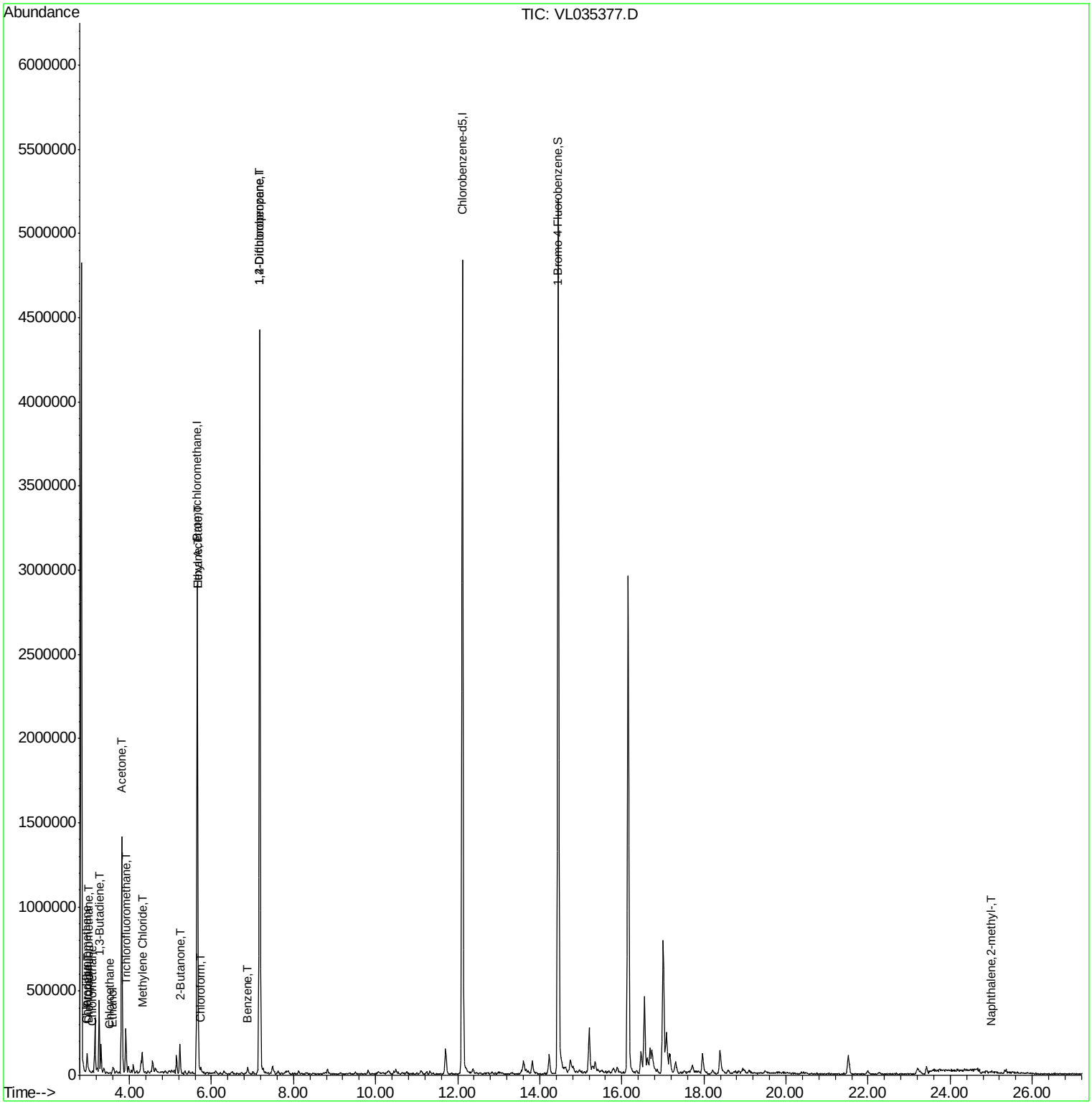
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081020\

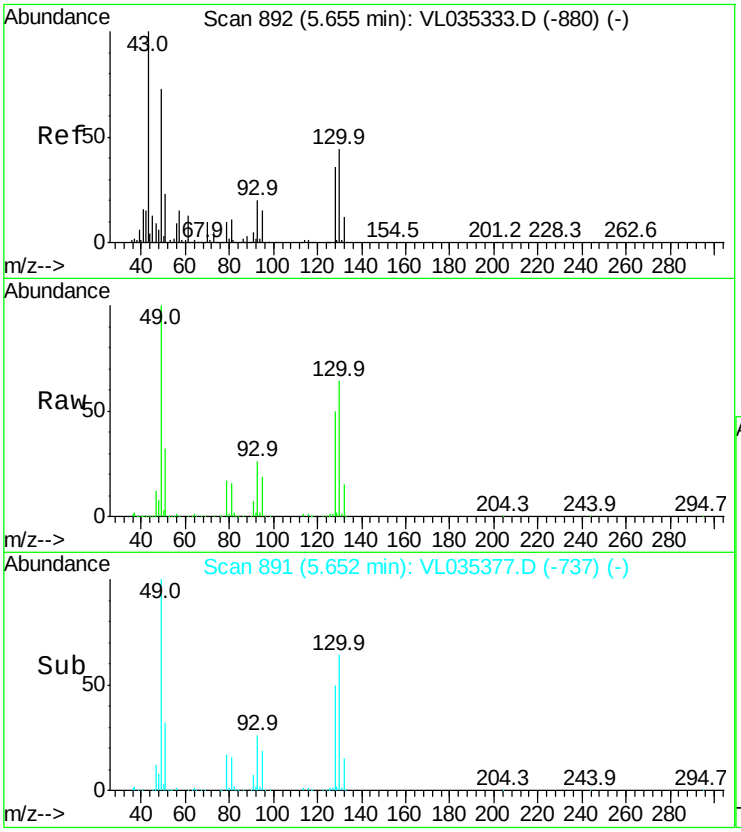
Quantitation Report (Not Reviewed)

Data File : VL035377.D
Acq On : 11 Aug 2020 7:20
Operator : SY/AP
Sample : L3554-04DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 4-UNDER-GROUNDDL

Quant Time: Aug 11 09:39:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration



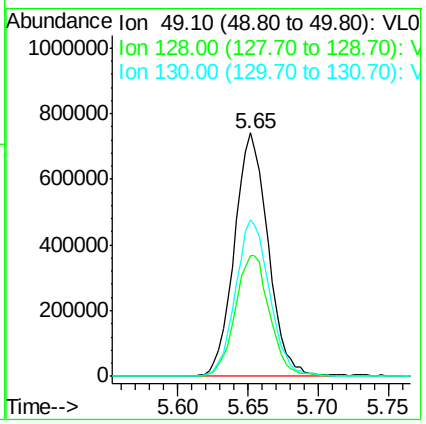


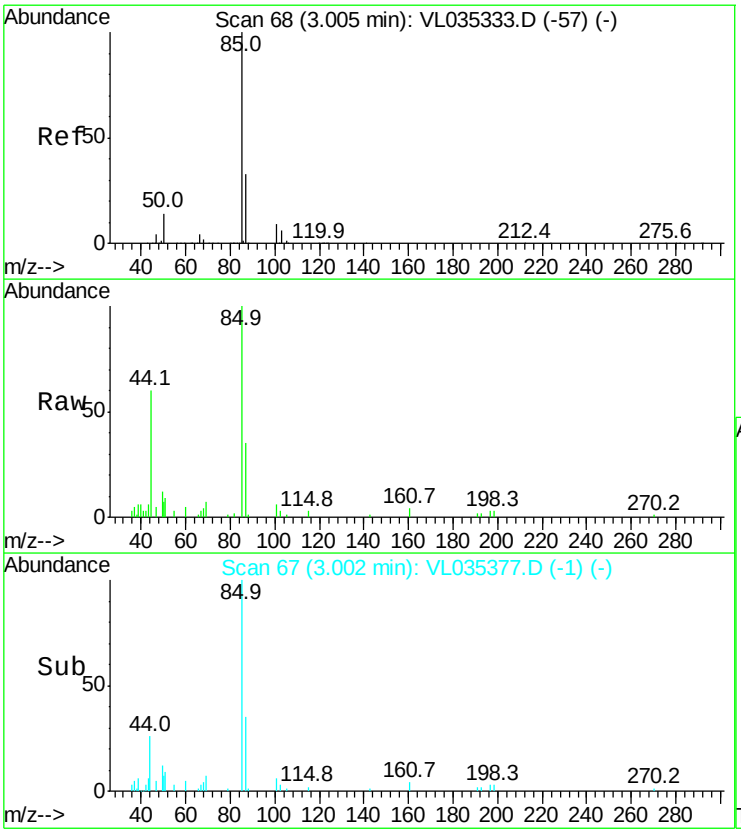
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion: 49 Resp: 1243149

Ion	Ratio	Lower	Upper
49	100		
128	50.4	25.4	76.0
130	65.2	32.1	96.3

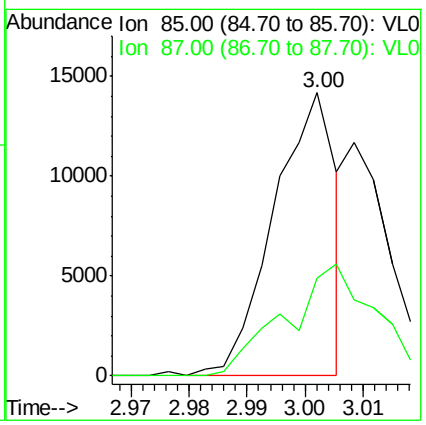


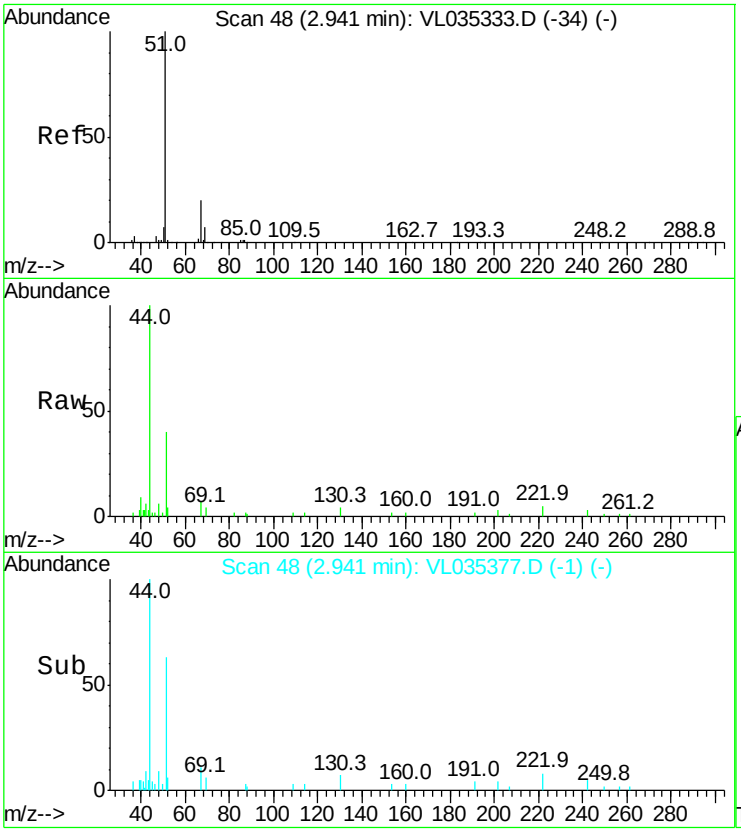


#2
Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 85 Resp: 10586

Ion	Ratio	Lower	Upper
85	100		
87	34.8	26.7	40.1



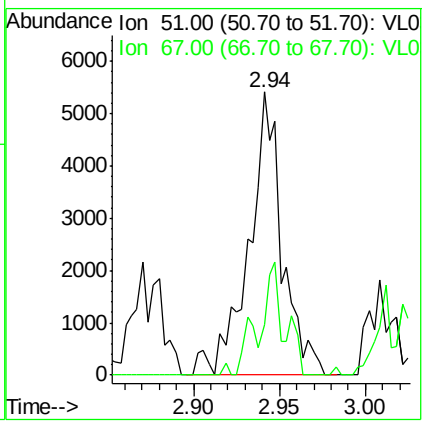


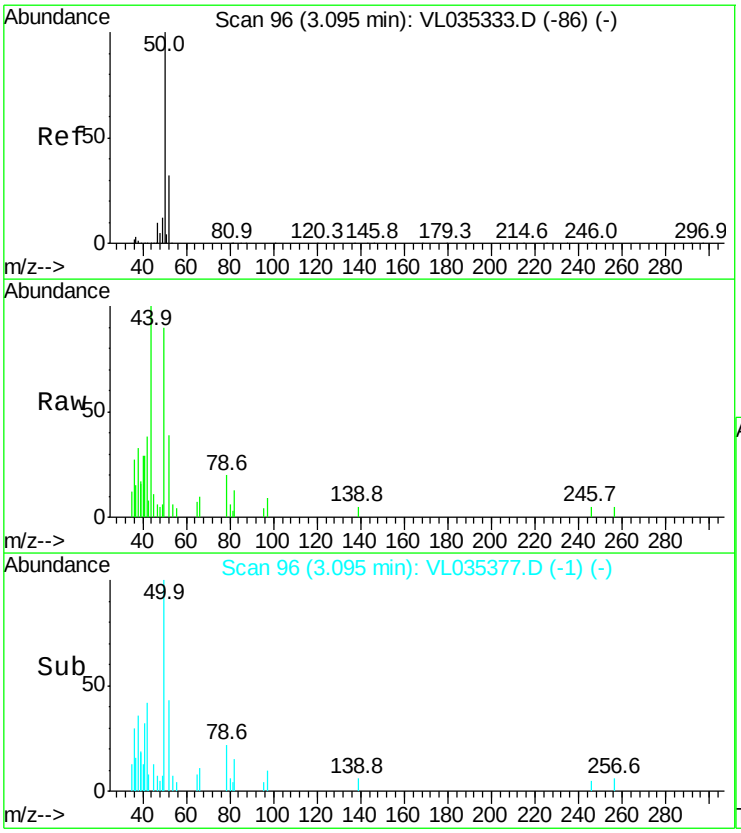
#3
Chlorodifluoromethane
Concen: 0.051 ppbv
RT: 2.94 min Scan# 48
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion: 51 Resp: 7277

Ion	Ratio	Lower	Upper
51	100		
67	30.4	16.6	25.0#

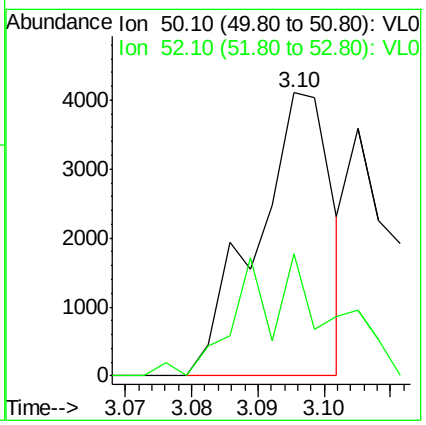


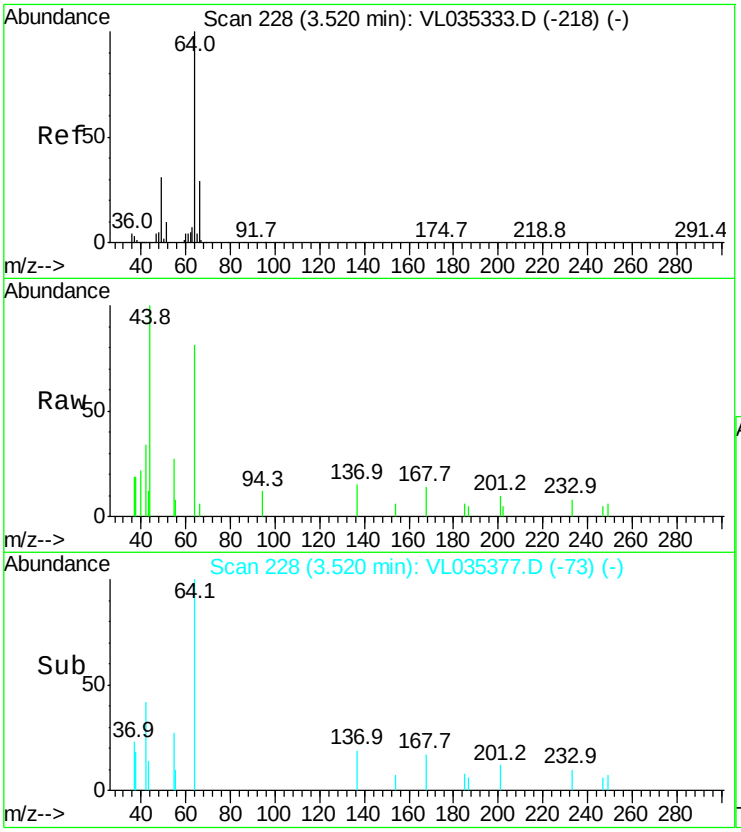


#4
Chloromethane
Concen: 0.041 ppbv
RT: 3.10 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 50 Resp: 3256

Ion	Ratio	Lower	Upper
50	100		
52	43.2	26.0	39.0#



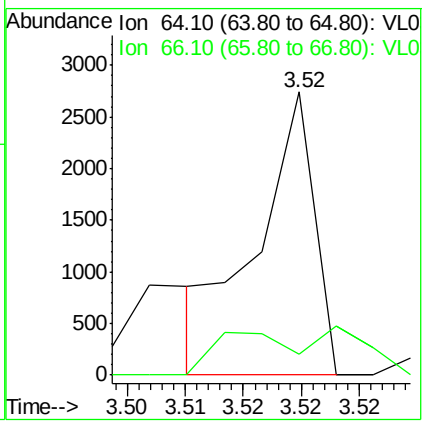


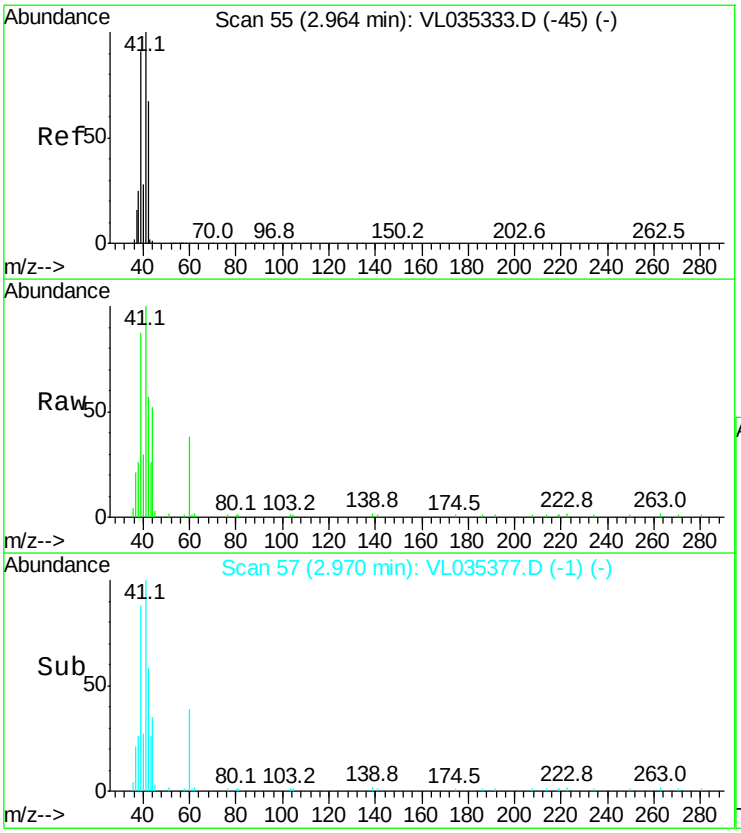
#7
Chloroethane
Concen: 0.030 ppbv
RT: 3.52 min Scan# 228
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion: 64 Resp: 932

Ion	Ratio	Lower	Upper
64	100		
66	7.3	23.0	34.6#

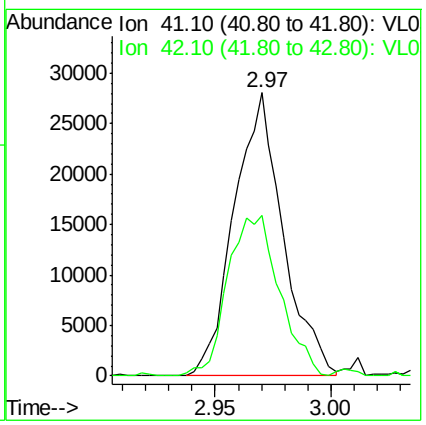


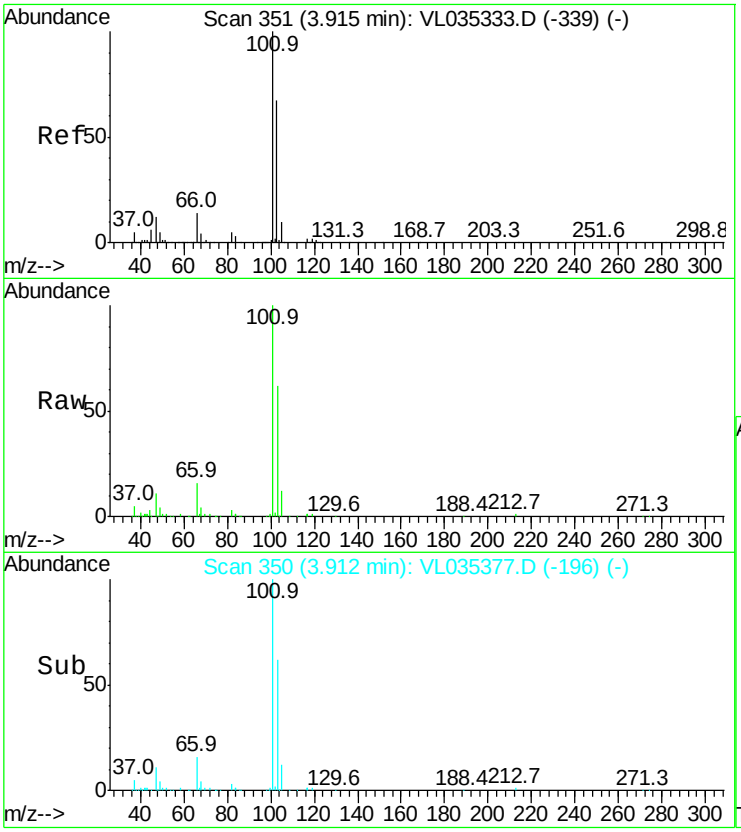


#9
Propene
Concen: 0.816 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.01 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 41 Resp: 41242

Ion	Ratio	Lower	Upper
41	100		
42	61.2	55.3	82.9



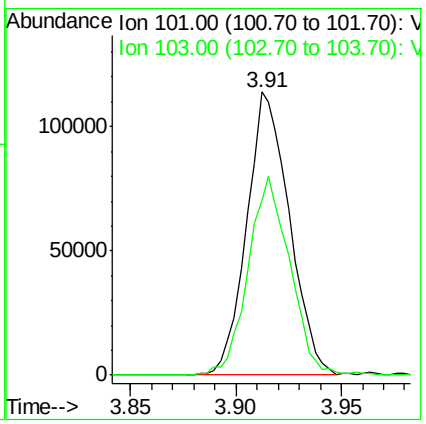


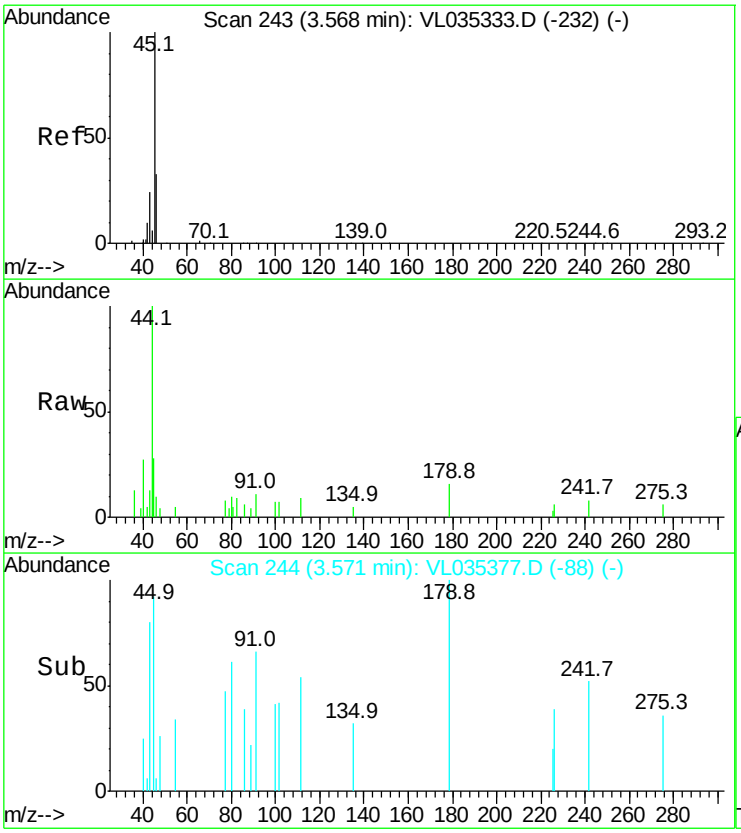
#11
Trichlorofluoromethane
Concen: 0.748 ppbv
RT: 3.91 min Scan# 350
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion:101 Resp: 160278

Ion	Ratio	Lower	Upper
101	100		
103	62.0	53.8	80.8

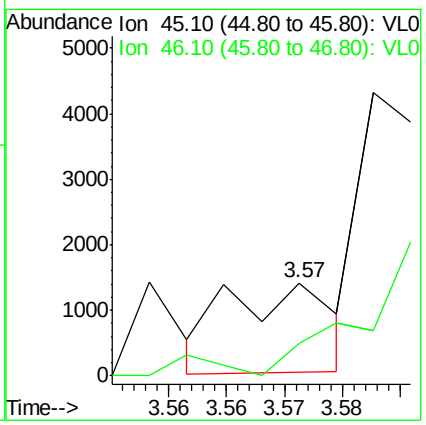


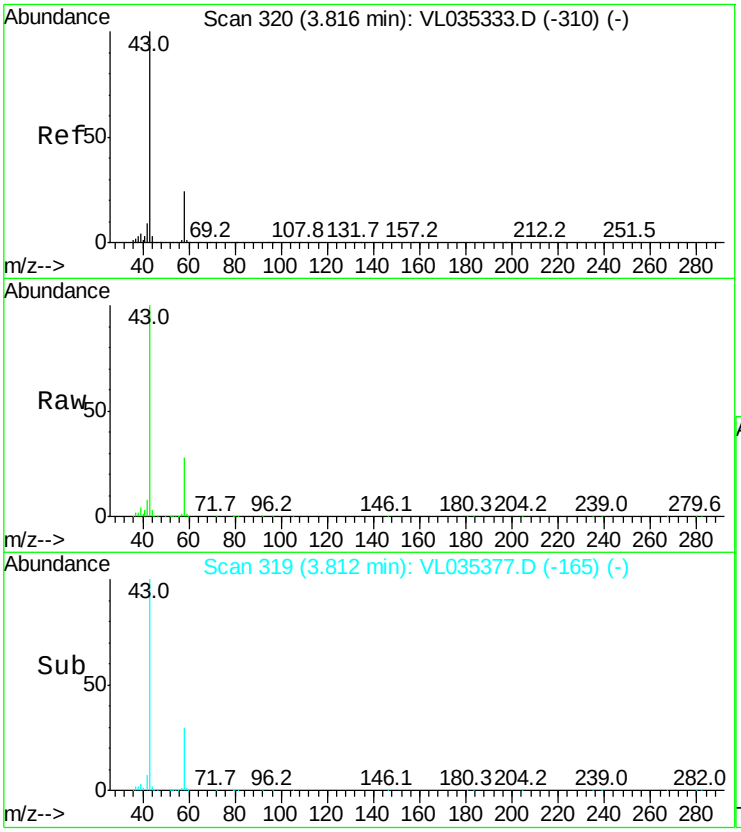


#13
Ethanol
Concen: 0.049 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 45 Resp: 853

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	61.0#



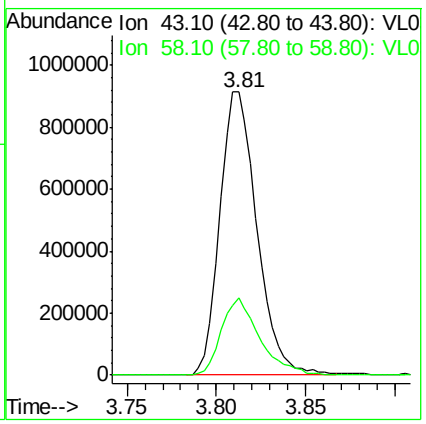


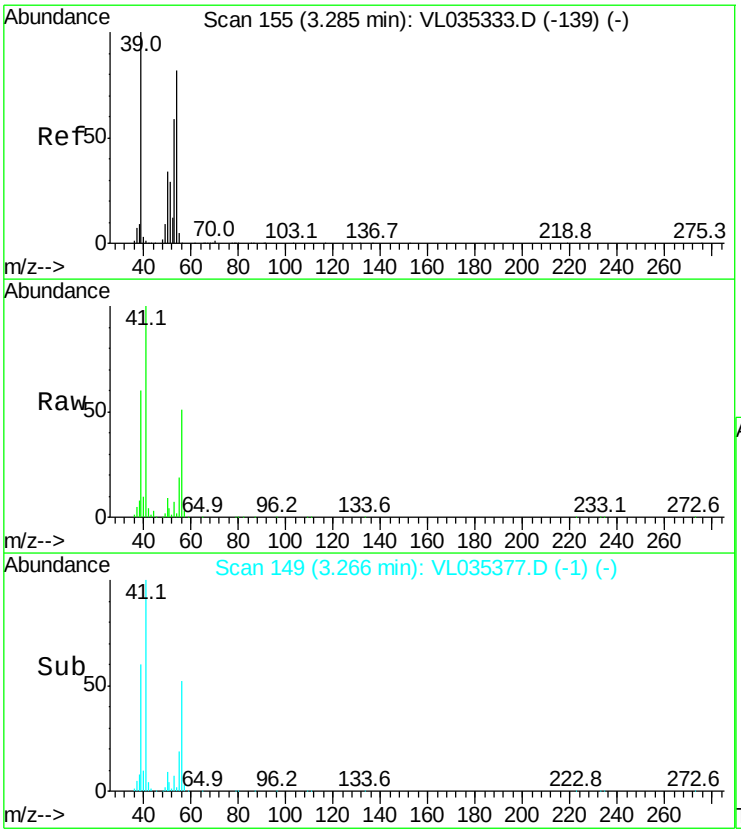
#15
Acetone
Concen: 7.455 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument : MSVOA_L
ClientSampleId : 4-UNDER-GROUNDDL

Tgt Ion: 43 Resp: 1316156

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.0	31.4

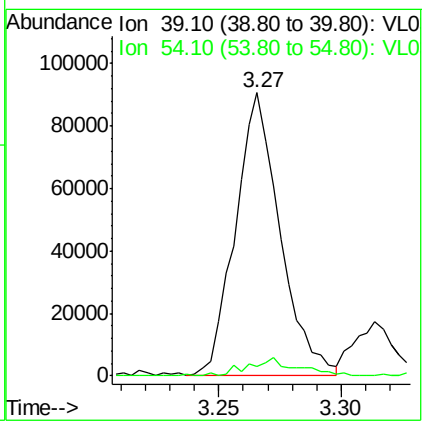


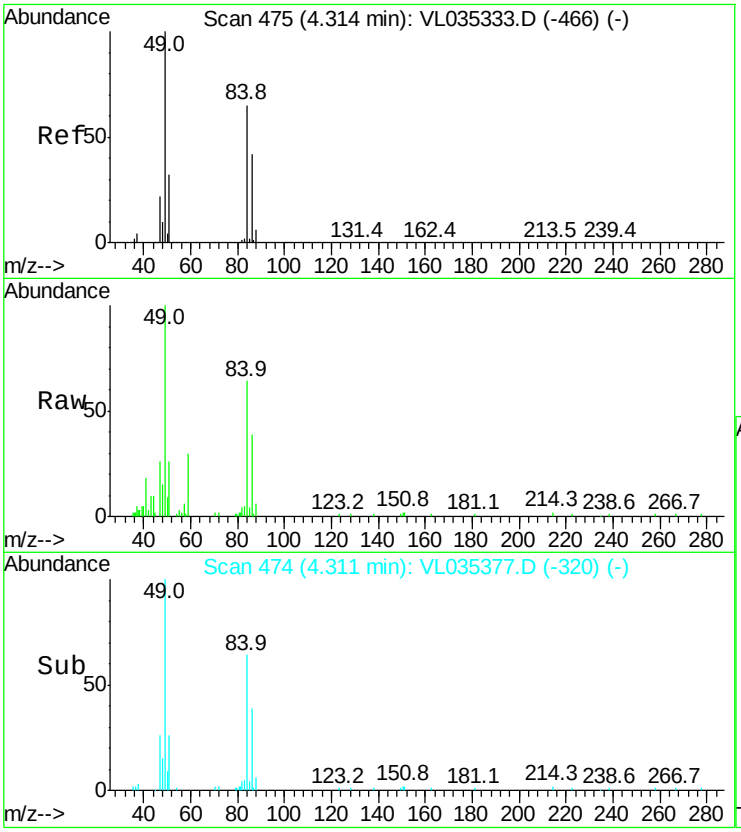


#16
1,3-Butadiene
Concen: 1.675 ppbv
RT: 3.27 min Scan# 149
Delta R.T. -0.02 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 39 Resp: 113848

Ion	Ratio	Lower	Upper
39	100		
54	7.7	64.4	96.6#



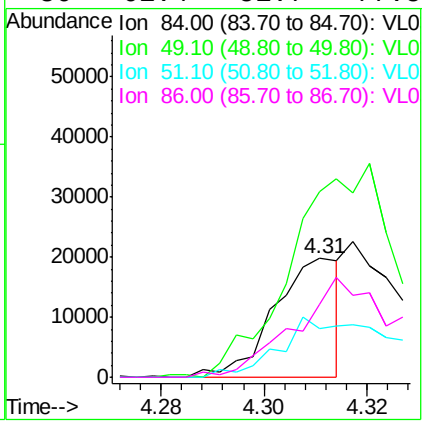


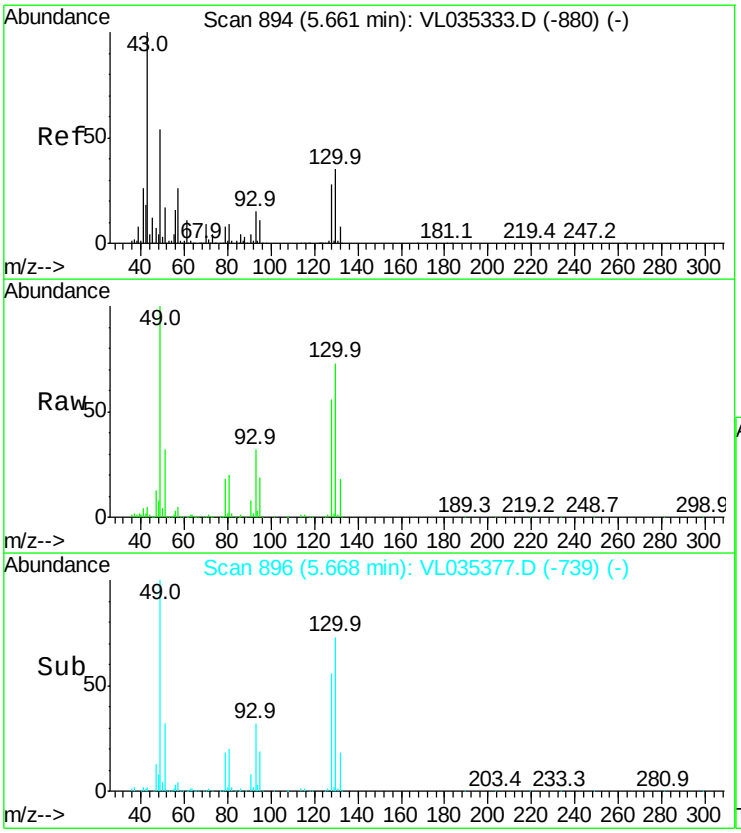
#20
Methylene Chloride
Concen: 0.244 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument : MSVOA_L
ClientSampleId : 4-UNDER-GROUNDDL

Tgt Ion: 84 Resp: 17571

Ion	Ratio	Lower	Upper
84	100		
49	154.4	122.8	184.2
51	41.2	40.1	60.1
86	61.4	51.7	77.5

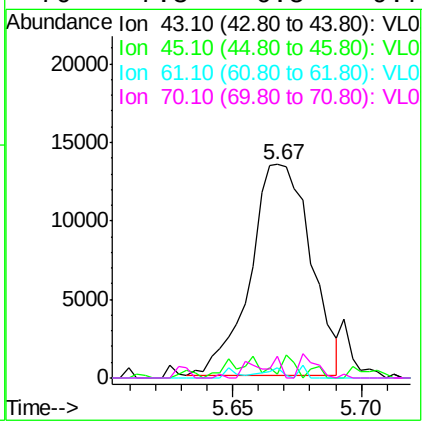


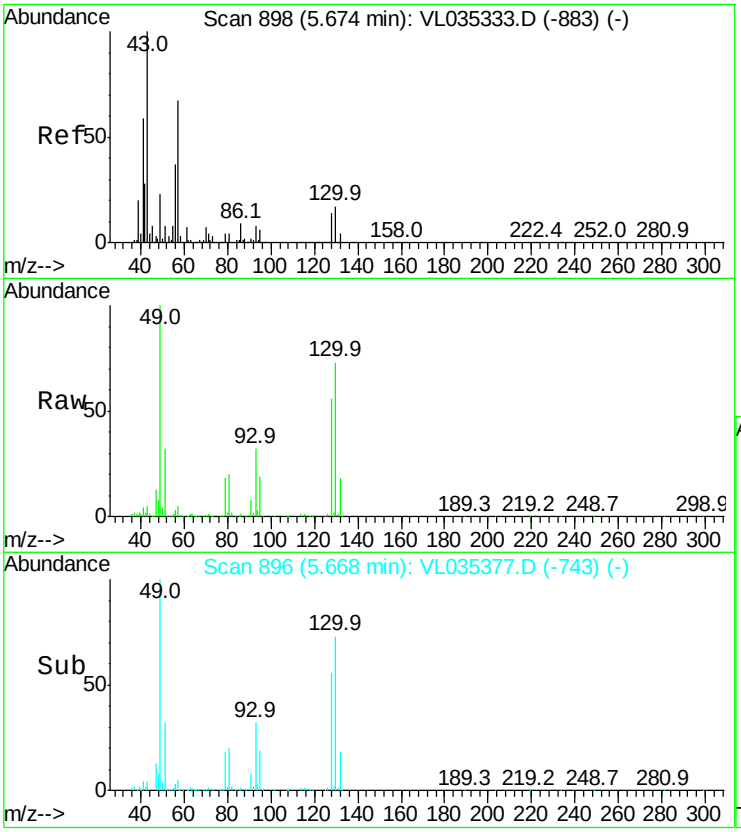


#25
Ethyl Acetate
Concen: 0.082 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 43 Resp: 21986

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.5	12.7
61	3.2	8.1	12.1#
70	7.3	6.5	9.7



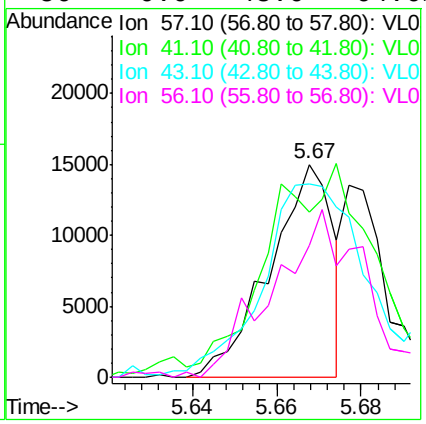


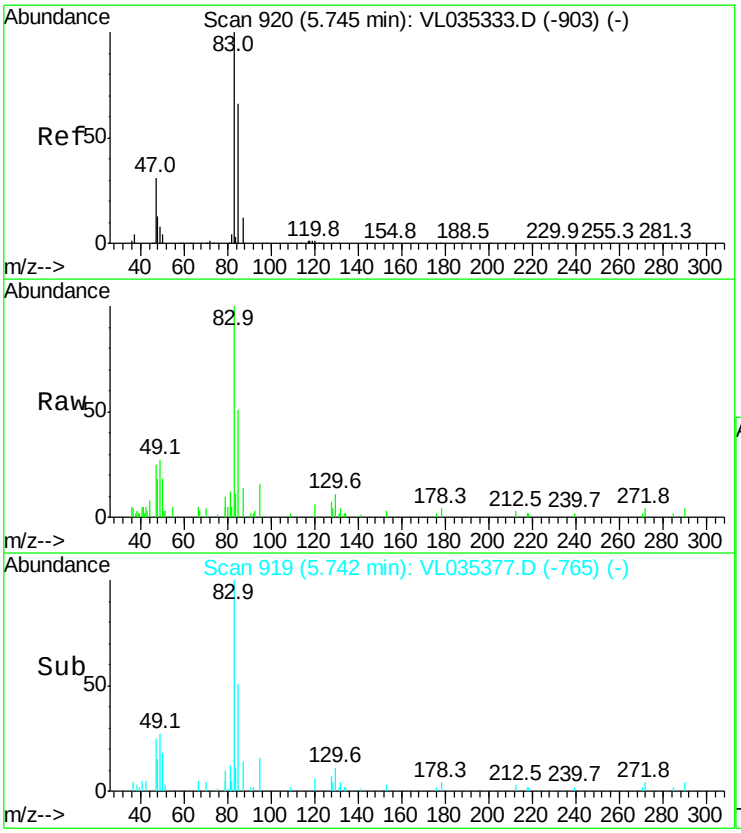
#26
Hexane
Concen: 0.134 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion: 57 Resp: 15577

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.2	112.8#
43	155.4	180.6	270.8#
56	0.0	43.0	64.6#

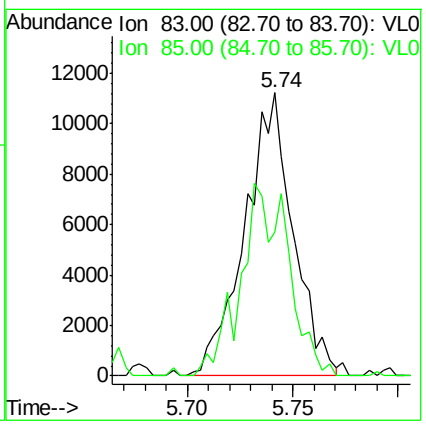


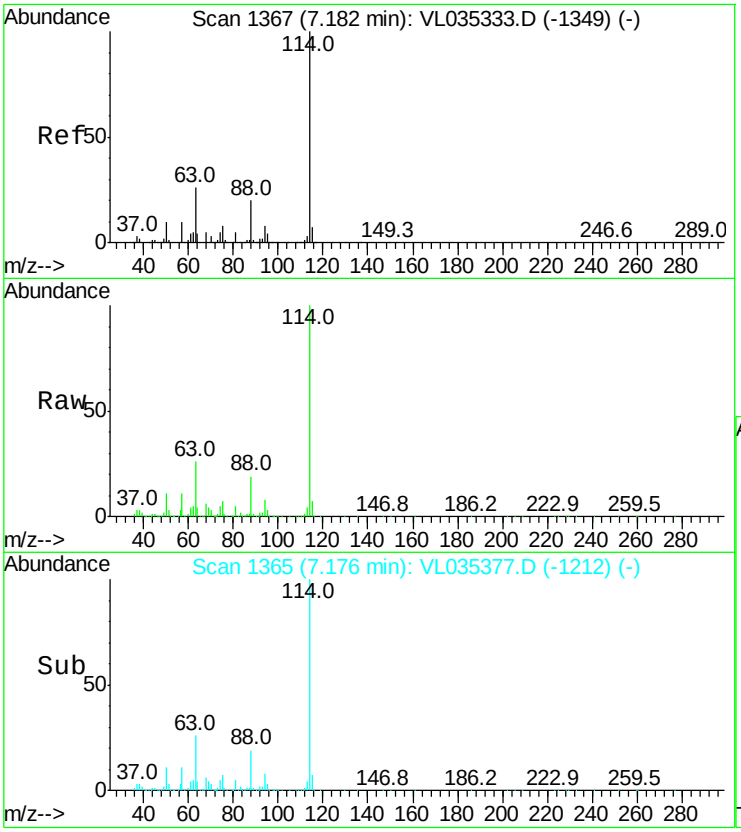


#29
Chloroform
Concen: 0.089 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 83 Resp: 17932

Ion	Ratio	Lower	Upper
83	100		
85	50.9	52.9	79.3#



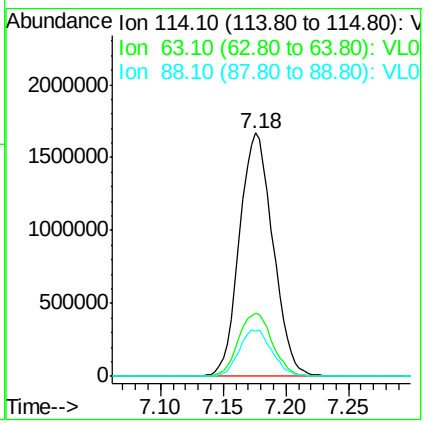


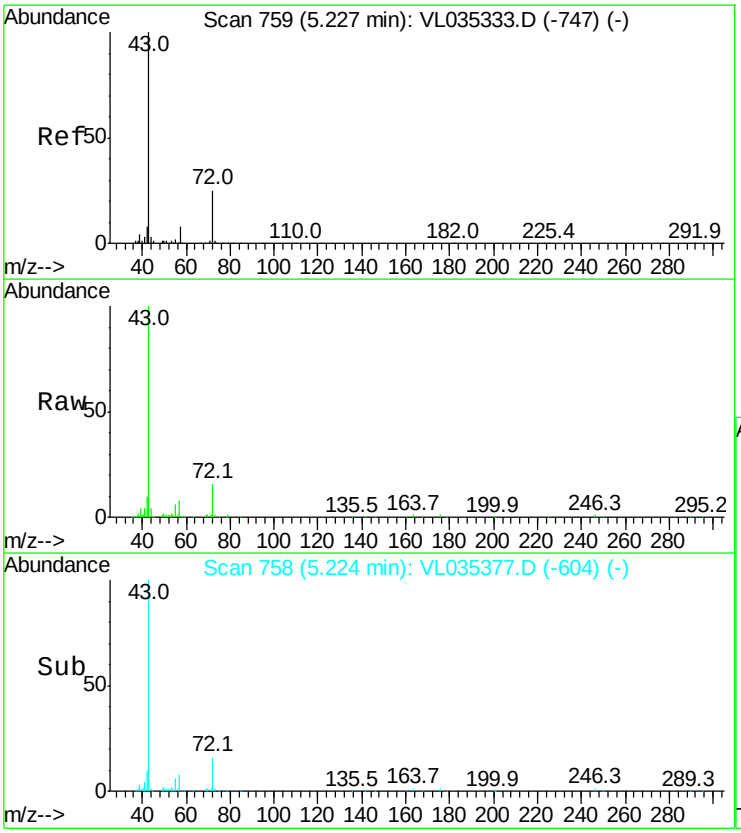
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion:114 Resp: 3110988

Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.3	31.9
88	18.7	15.3	22.9

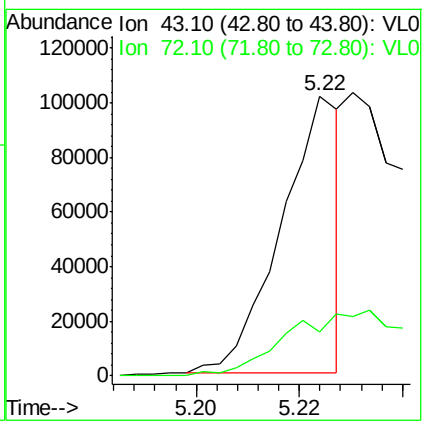


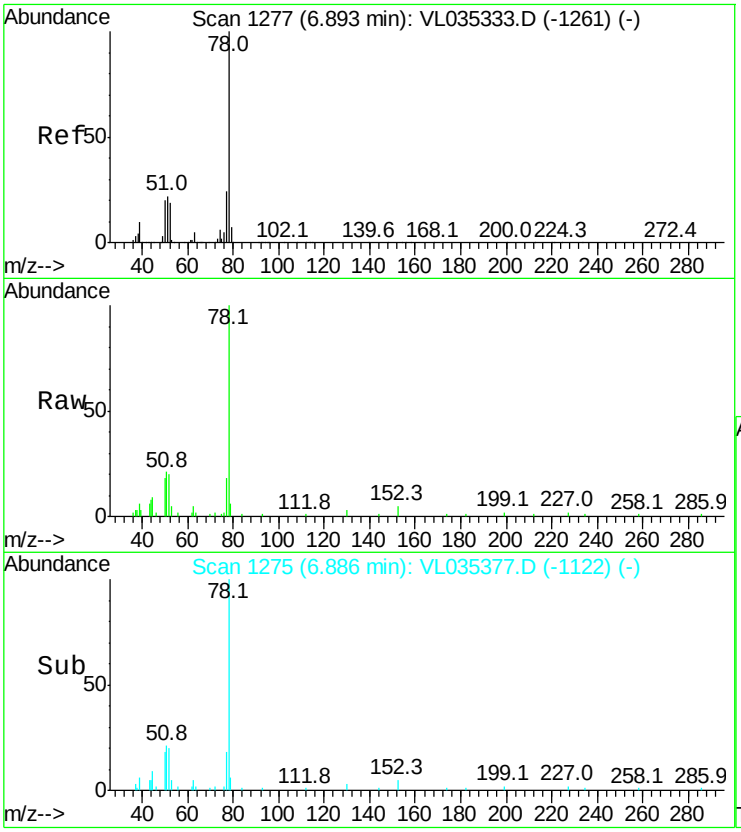


#34
2-Butanone
Concen: 0.526 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 43 Resp: 80550

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#



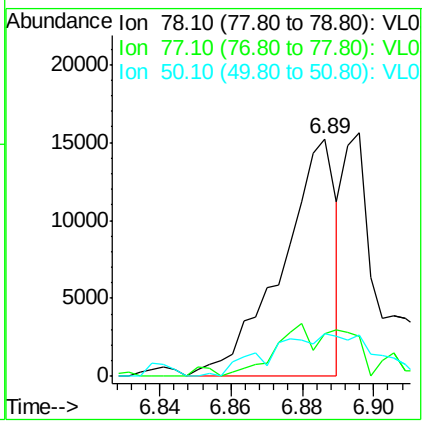


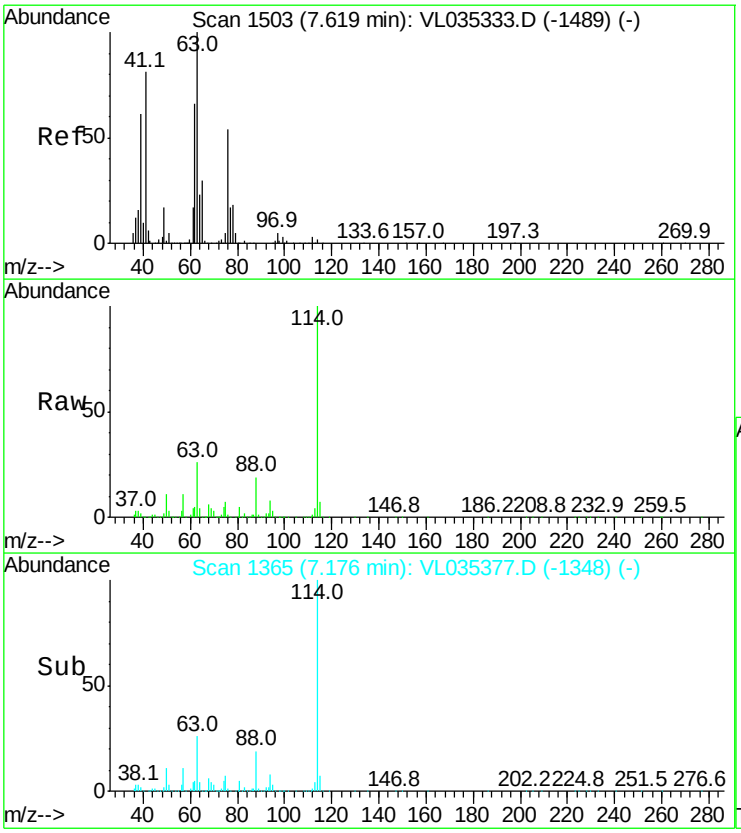
#36
Benzene
Concen: 0.076 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion: 78 Resp: 15977

Ion	Ratio	Lower	Upper
78	100		
77	17.0	19.3	28.9#
50	36.5	16.3	24.5#

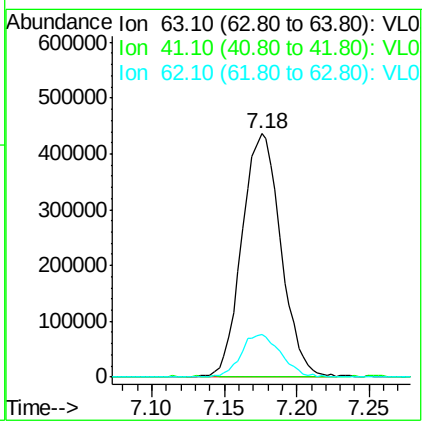


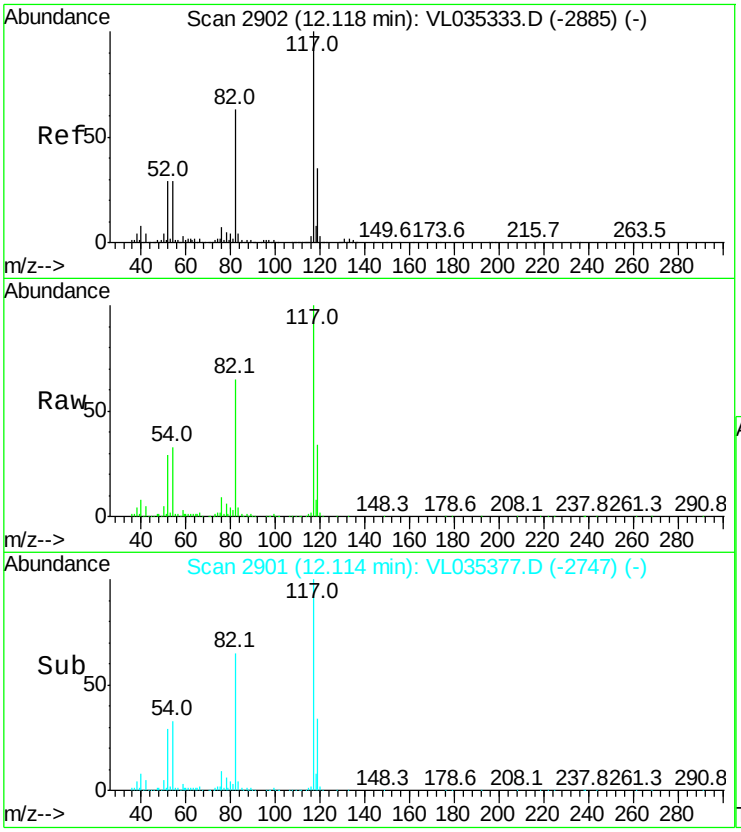


#39
1,2-Dichloropropane
Concen: 9.592 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 63 Resp: 815737

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.4	96.6#
62	17.4	52.6	78.8#



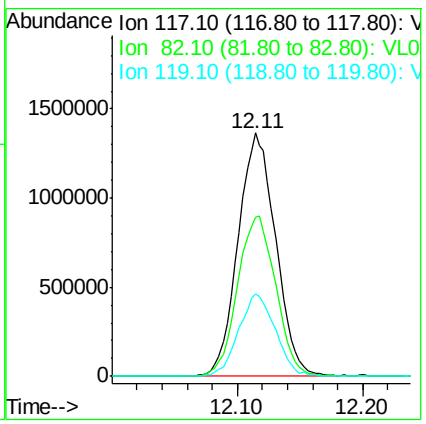


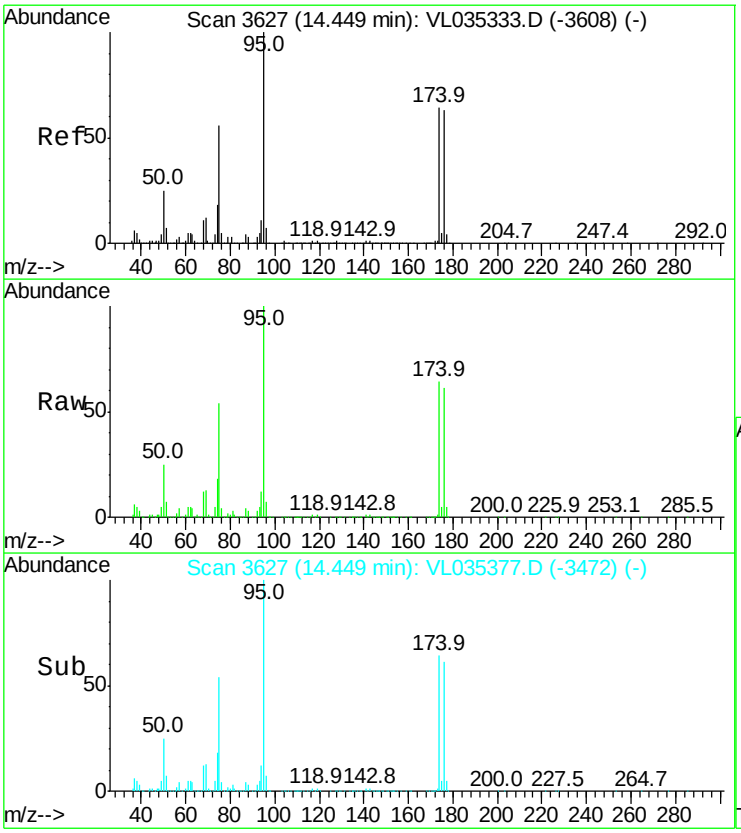
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion:117 Resp: 2849785

Ion	Ratio	Lower	Upper
117	100		
82	67.0	51.0	76.4
119	33.1	24.7	37.1

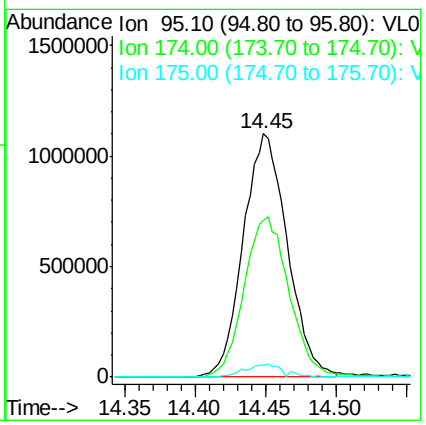


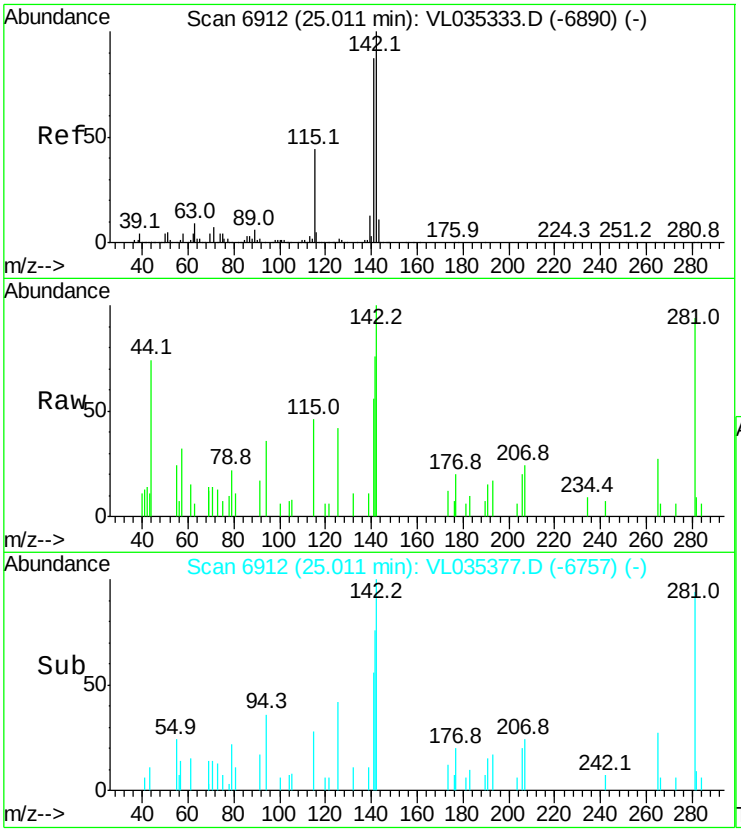


#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion: 95 Resp: 2401413

Ion	Ratio	Lower	Upper
95	100		
174	68.0	53.5	80.3
175	5.0	4.2	6.2





#80
Naphthalene,2-methyl-
Concen: 0.089 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDDL

Tgt Ion:142 Resp: 5333

Ion	Ratio	Lower	Upper
142	100		
141	72.3	69.0	103.6
115	56.6	35.5	53.3#