

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035354.D
 Acq On : 6 Aug 2020 17:50
 Operator : SY/AP
 Sample : L3554-08DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND DL

Manual Integrations
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Quant Time: Aug 09 21:05:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 0
 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	1480818	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3614421	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3444810	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2877284	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	17672	0.293	ppbv	93
13) Ethanol	3.57	45	137128	6.601	ppbv	99
15) Acetone	3.81	43	330519	1.572	ppbv	93
26) Hexane	5.66	57	58631	0.423	ppbv #	45
29) Chloroform	5.73	83	39523m	0.165	ppbv	
34) 2-Butanone	5.22	43	66105	0.371	ppbv	97
53) Toluene	9.81	91	57435m	0.216	ppbv	

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

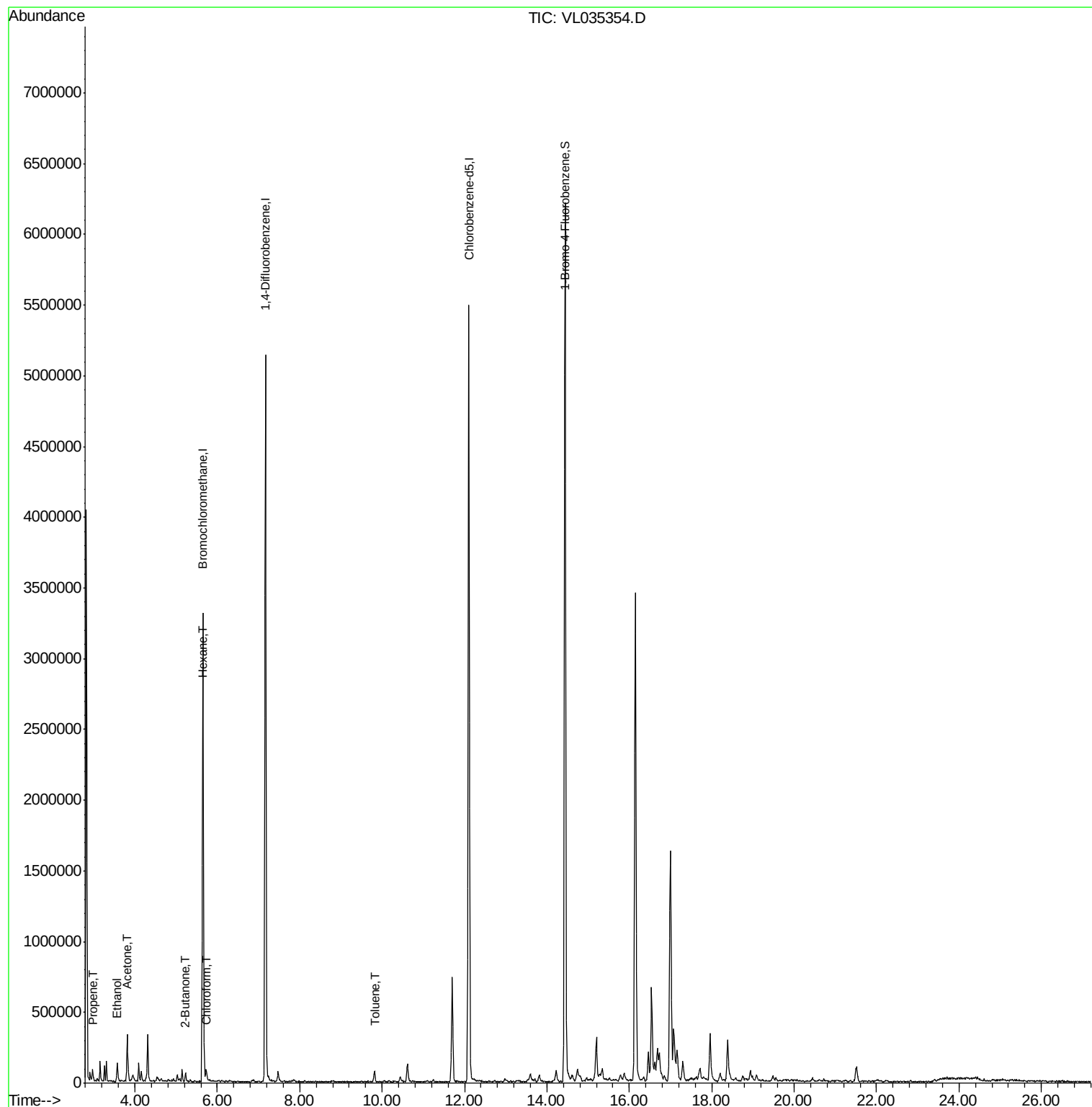
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080620\
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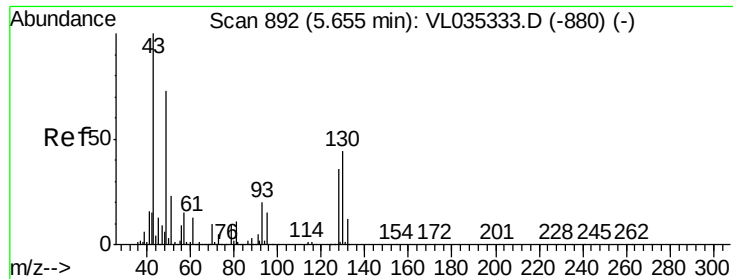
Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDL

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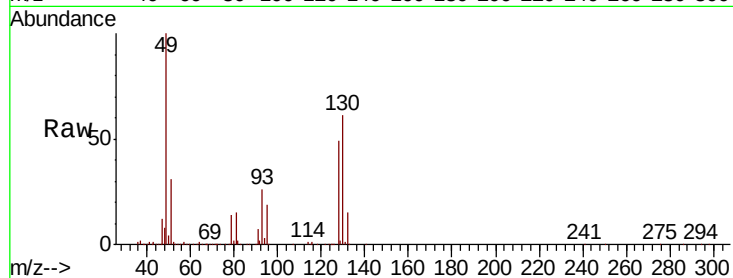
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND DL

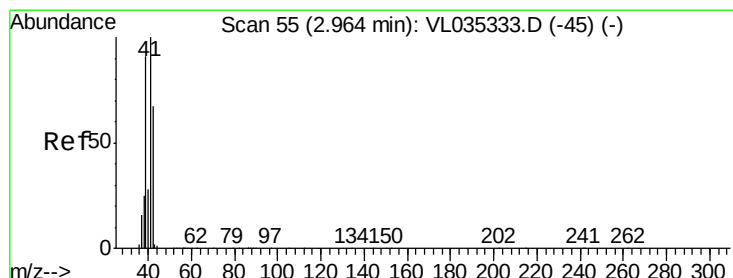
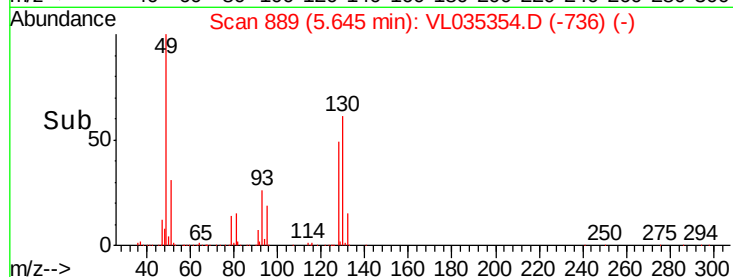
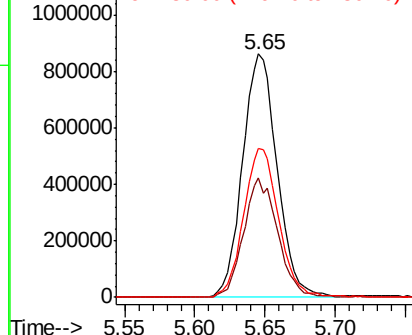
Tot Ion: 49 Resp: 1480818
 Ion Ratio Lower Upper
 49 100
 128 48.5 25.4 76.0
 130 62.5 32.1 96.3

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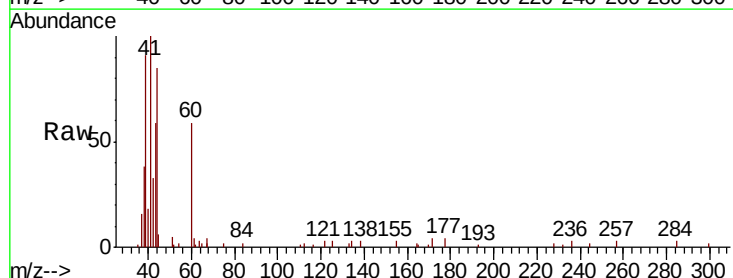


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): VL0
 Ion 130.00 (129.70 to 130.70): VL0

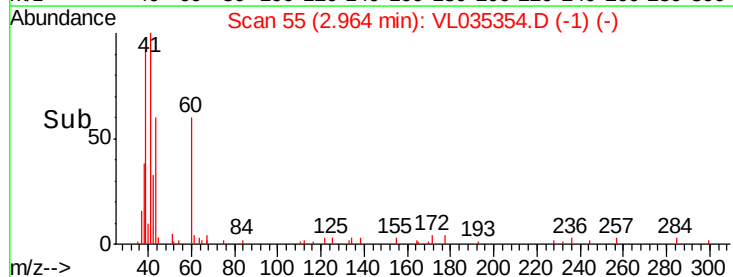
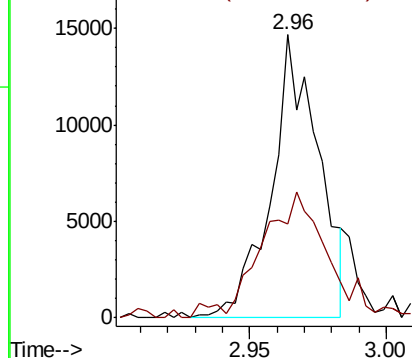


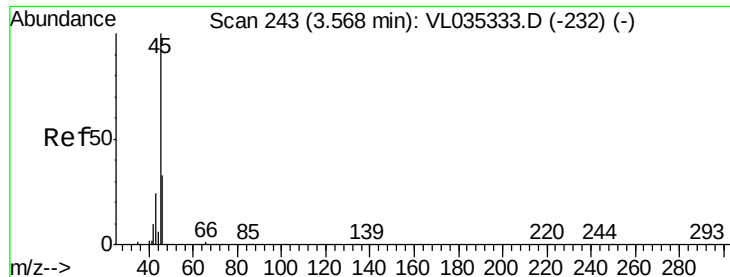
#9
 Propene
 Concen: 0.293 ppbv
 RT: 2.96 min Scan# 55
 Delta R.T. 0.00 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Tgt Ion: 41 Resp: 17672
 Ion Ratio Lower Upper
 41 100
 42 63.2 55.3 82.9



Abundance Ion 41.10 (40.80 to 41.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0





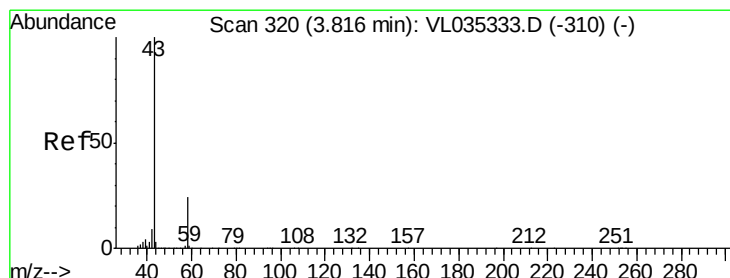
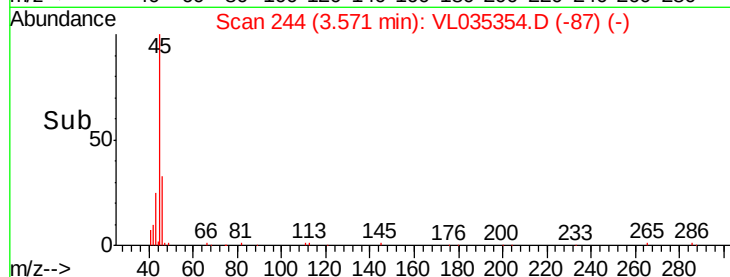
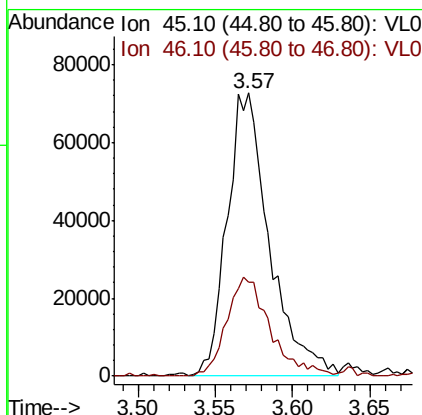
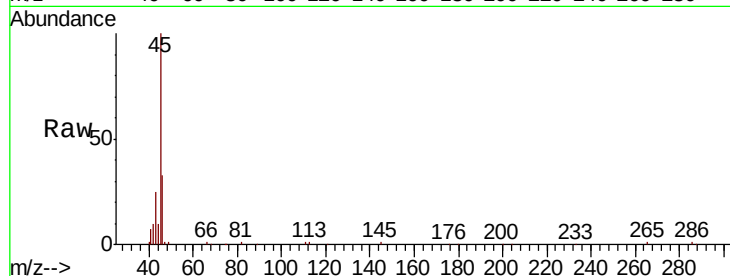
#13
Ethanol
Concen: 6.601 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035354.D
Acq: 6 Aug 2020 17:50

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDL

Tot Ion	45	46	Ratio	Lower	Upper
137128	100	37.2		15.2	61.0

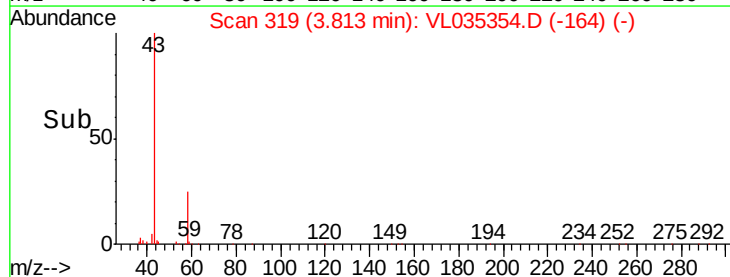
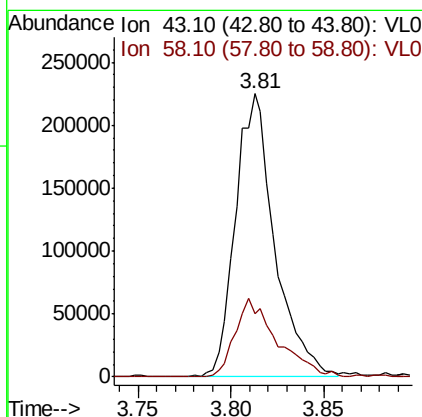
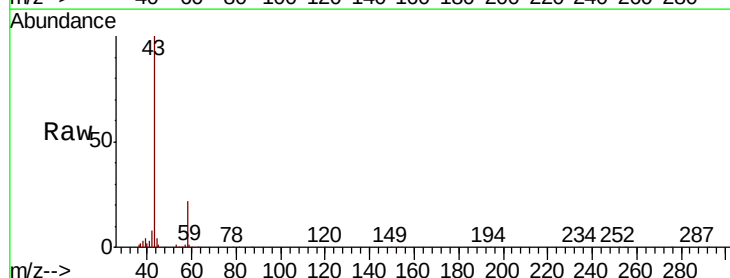
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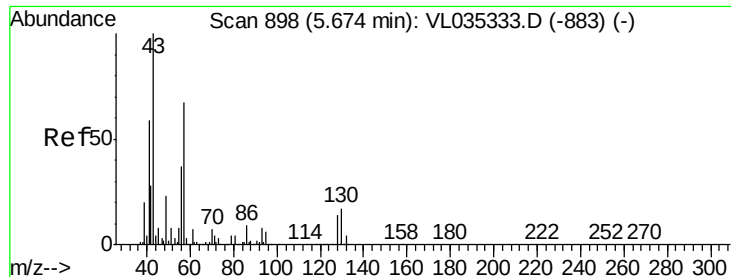
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#15
Acetone
Concen: 1.572 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.00 min
Lab File: VL035354.D
Acq: 6 Aug 2020 17:50

Tgt Ion	43	58	Ratio	Lower	Upper
330519	100	30.0		21.0	31.4





#26

Hexane

Concen: 0.423 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035354.D

Acq: 6 Aug 2020 17:50

Instrument :

MSVOA_L

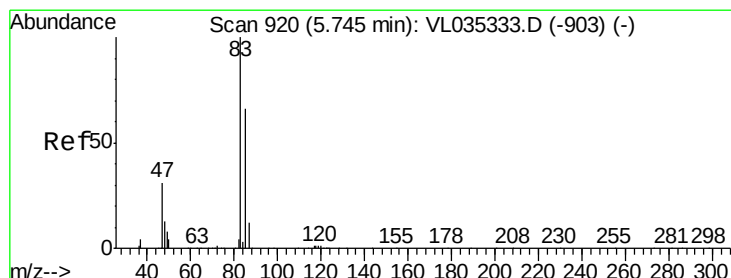
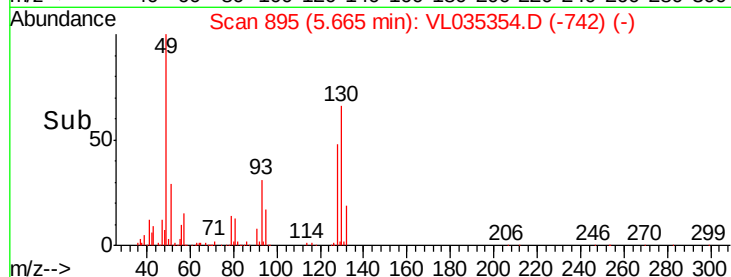
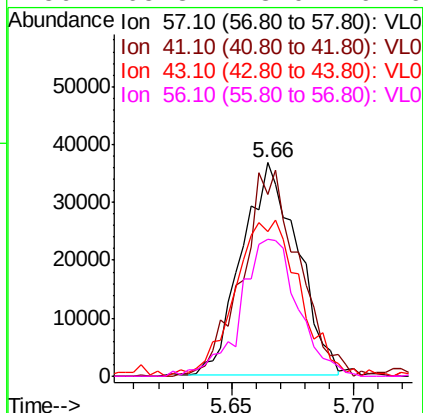
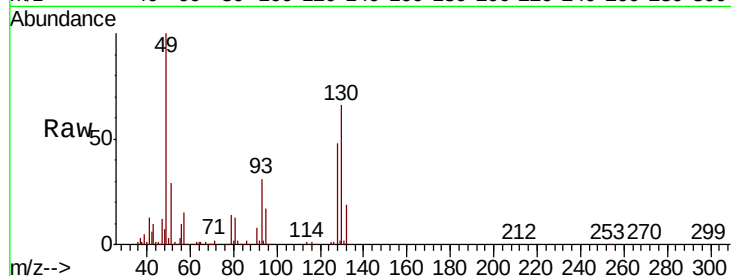
ClientSampleId :

4-UNDER-GROUND

Tot Ion	57	Resp	58631
Ion	Ratio	Lower	Upper
57	100		
41	100.3	75.2	112.8
43	87.9	180.6	270.8#
56	65.3	43.0	64.6#

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#29

Chloroform

Concen: 0.165 ppbv m

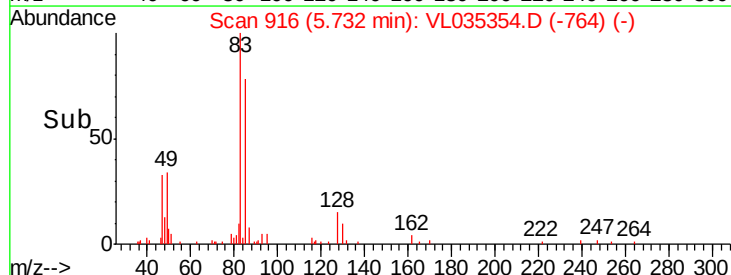
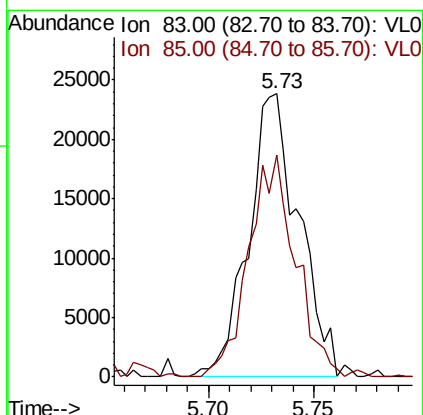
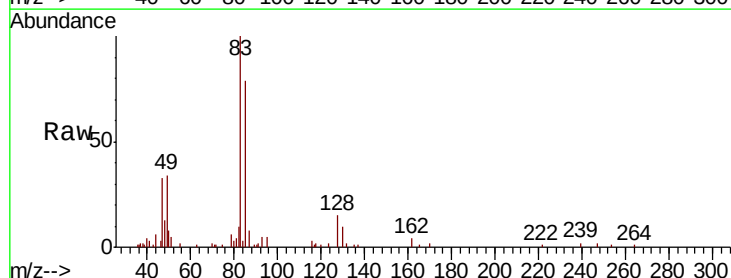
RT: 5.73 min Scan# 916

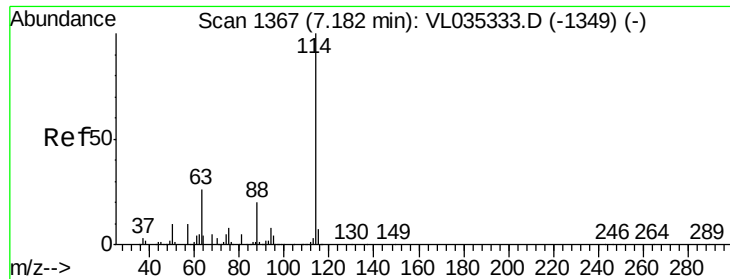
Delta R.T. -0.01 min

Lab File: VL035354.D

Acq: 6 Aug 2020 17:50

Tgt Ion	83	Resp	39523
Ion	Ratio	Lower	Upper
83	100		
85	78.6	52.9	79.3





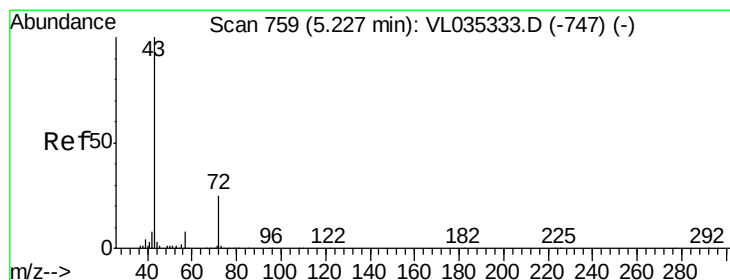
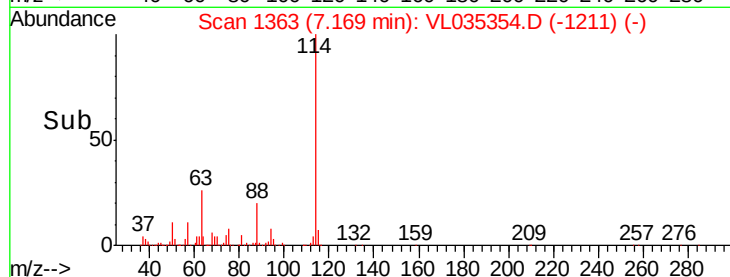
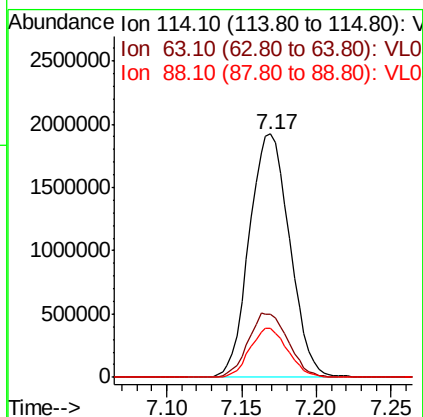
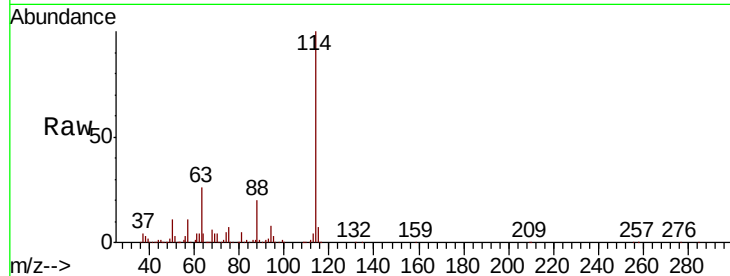
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.3	31.9
88	19.2	15.3	22.9

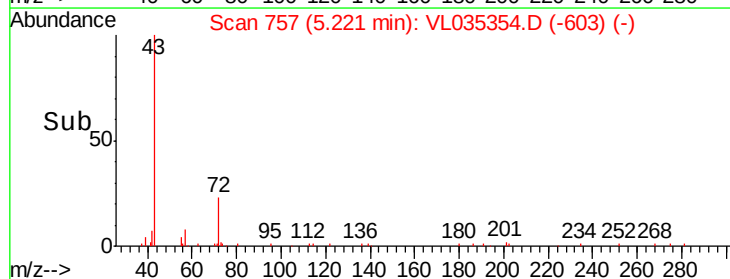
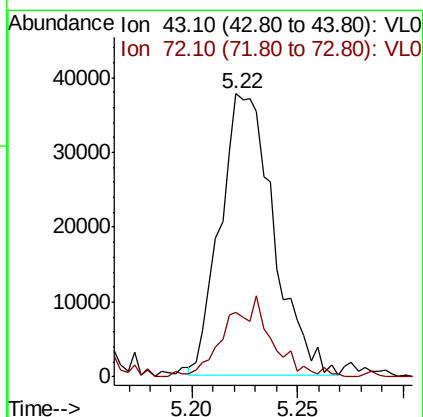
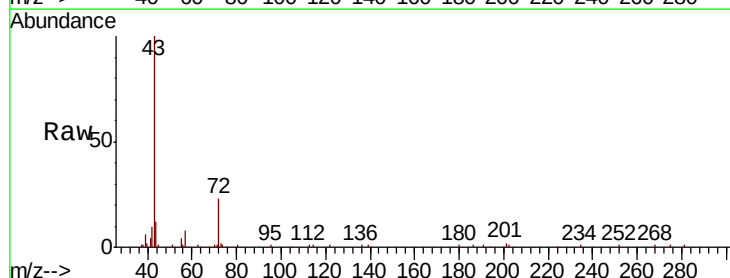
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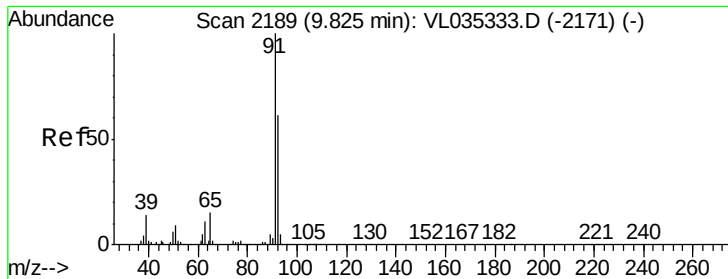
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#34
 2-Butanone
 Concen: 0.371 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.2	18.9	28.3





#53

Toluene

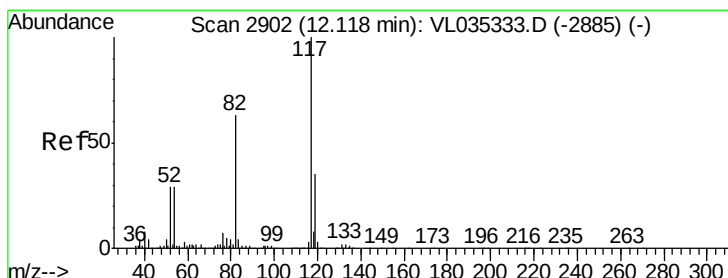
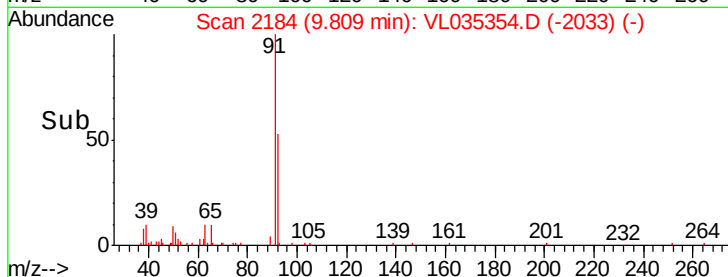
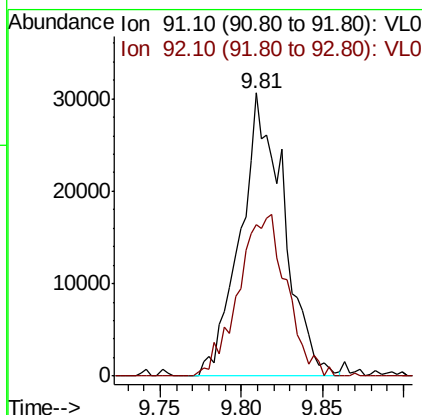
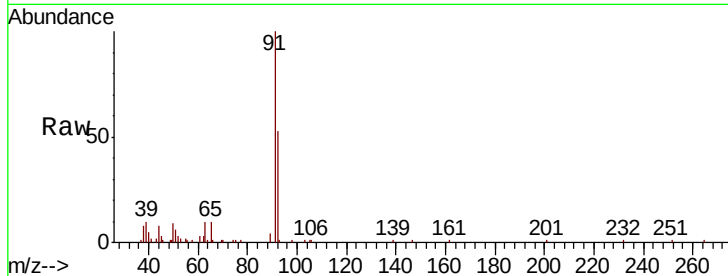
Concen: 0.216 ppbv m
 RT: 9.81 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUNDL

Tot Ion: 91 Resp: 57435
 Ion Ratio Lower Upper
 91 100
 92 0.0 48.5 72.7#

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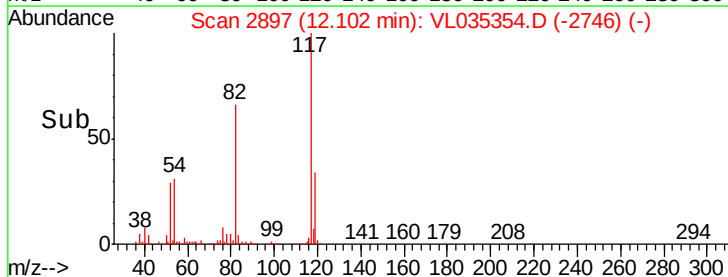
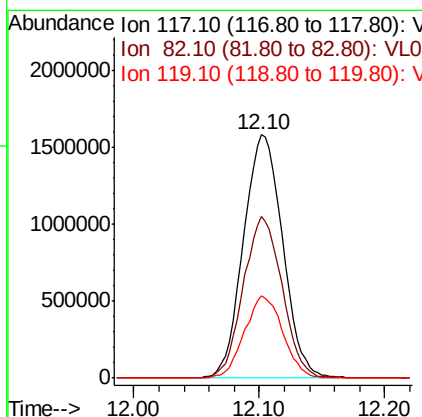
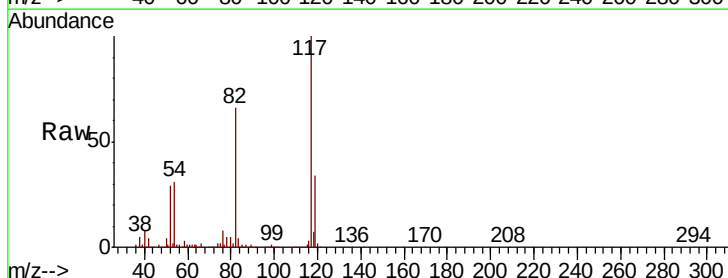


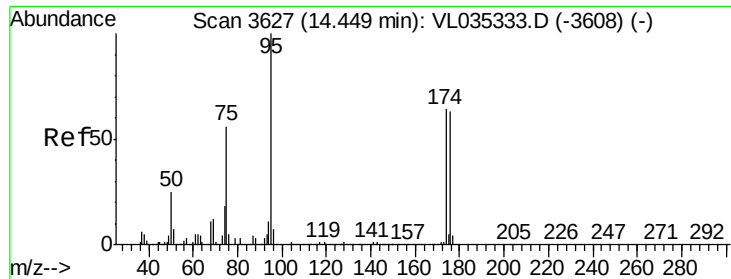
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Tgt Ion: 117 Resp: 3444810
 Ion Ratio Lower Upper
 117 100
 82 66.2 51.0 76.4
 119 33.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.016 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.01 min
 Lab File: VL035354.D
 Acq: 6 Aug 2020 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
95	100		
174	68.5	53.5	80.3
175	5.2	4.2	6.2

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