

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037361.D
 Acq On : 7 Aug 2021 2:38
 Operator : SY/AP
 Sample : M3157-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENTDL

Manual Integrations
 APPROVED

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 8/10/2021 6:10:34 PM

Quant Time: Aug 07 05:07:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	809874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2725177	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2306105	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1565453	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	21428m	0.133	ppbv	
9) Propene	3.01	41	9235m	0.170	ppbv	
13) Ethanol	3.62	45	12758m	1.276	ppbv	
15) Acetone	3.87	43	83017m	0.984	ppbv	
20) Methylene Chloride	4.34	84	58902	0.833	ppbv	94
26) Hexane	5.68	57	24699m	0.209	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	33886	0.364	ppbv	96
34) 2-Butanone	5.26	43	18820m	0.206	ppbv	

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

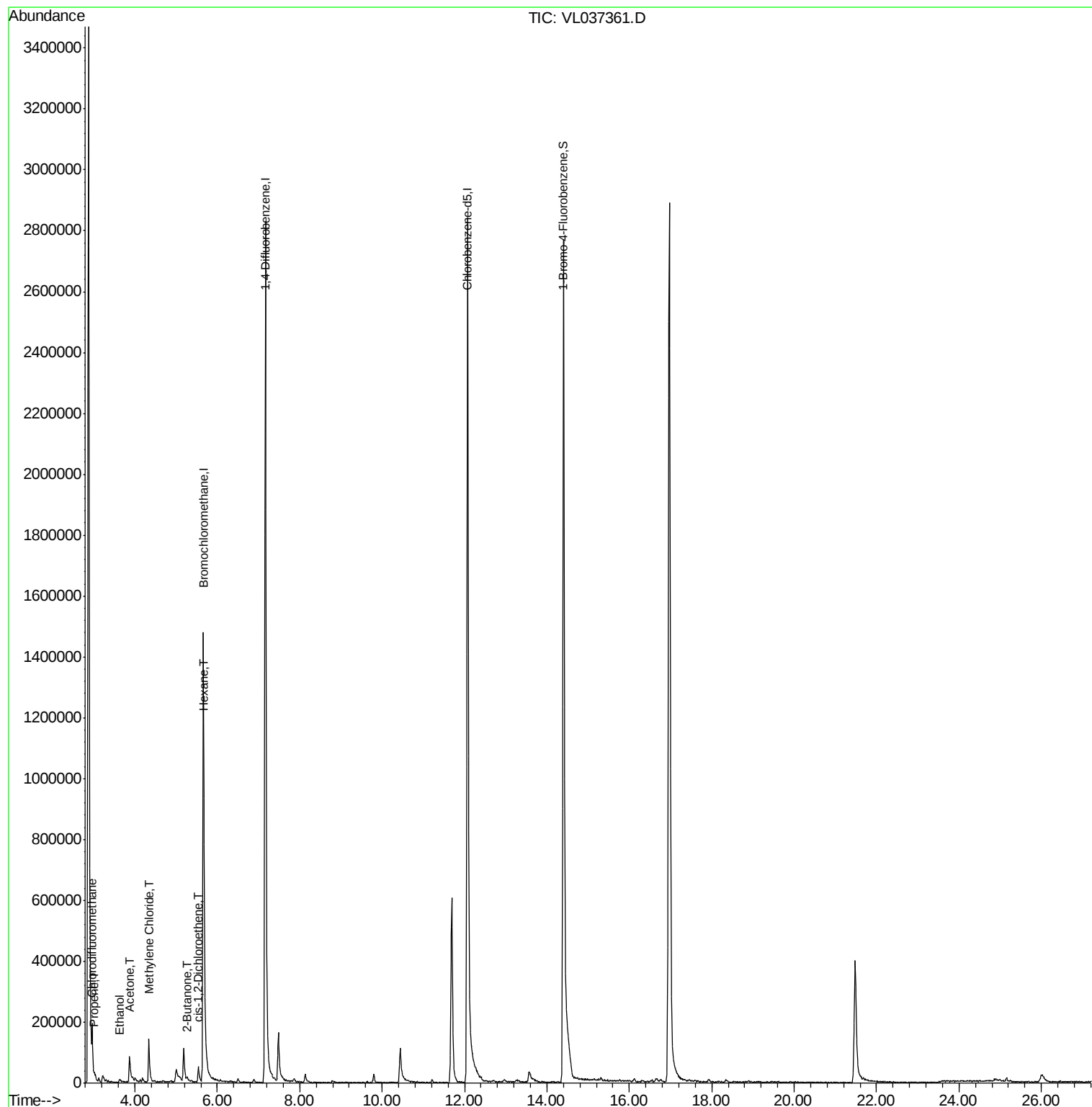
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080621\
Data File : VL037361.D
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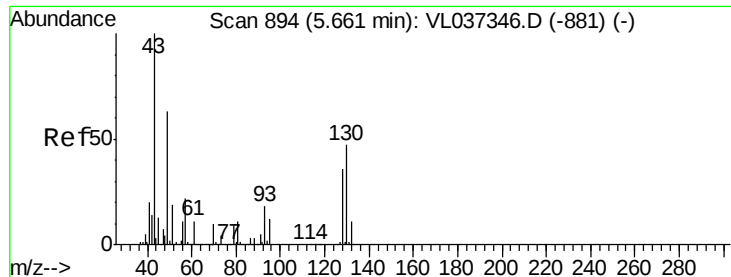
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Quant Time: Aug 07 05:07:31 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL037361.D

Acq: 7 Aug 2021 2:38

Instrument :

MSVOA_L

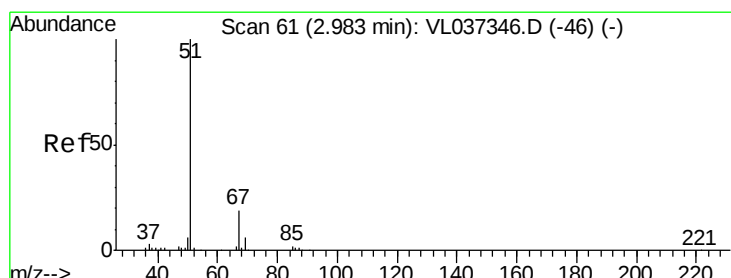
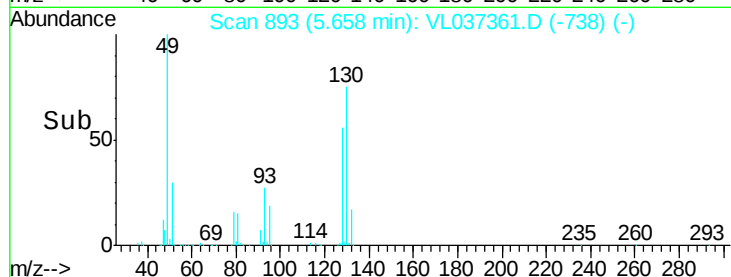
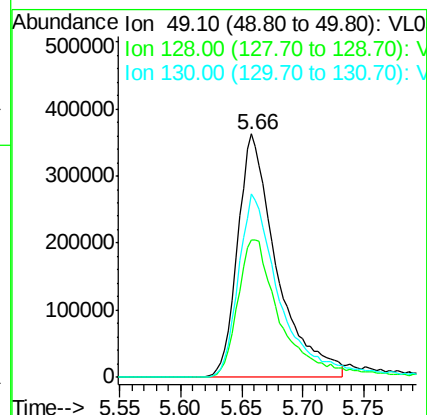
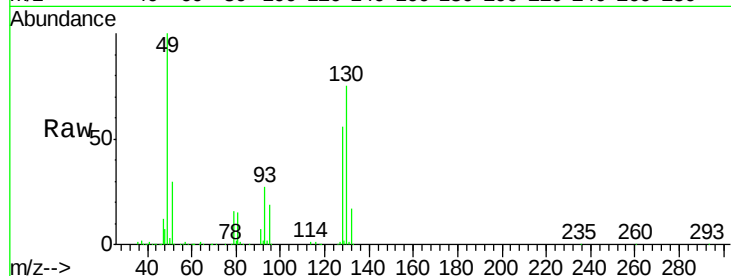
ClientSampleId :

SVE-EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	64.7	32.1	96.3
130	82.4	40.0	120.0

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#3

Chlorodifluoromethane

Concen: 0.133 ppbv m

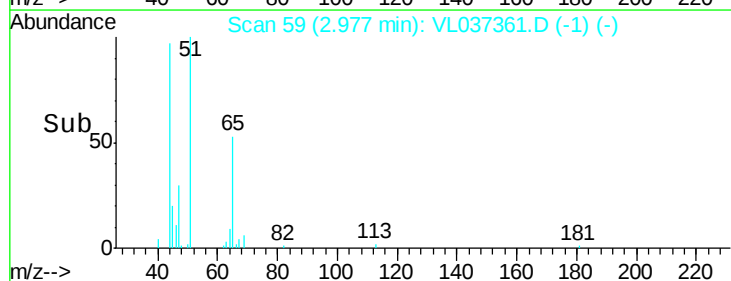
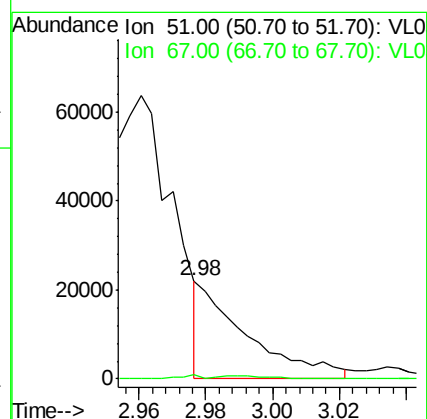
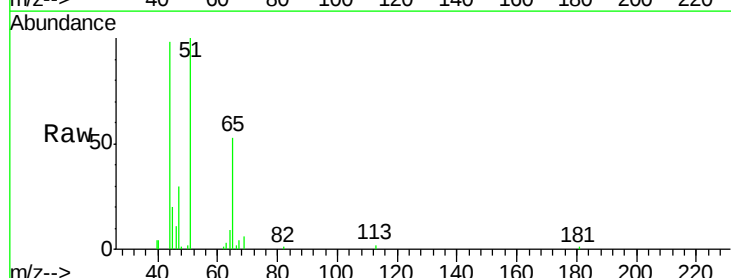
RT: 2.98 min Scan# 59

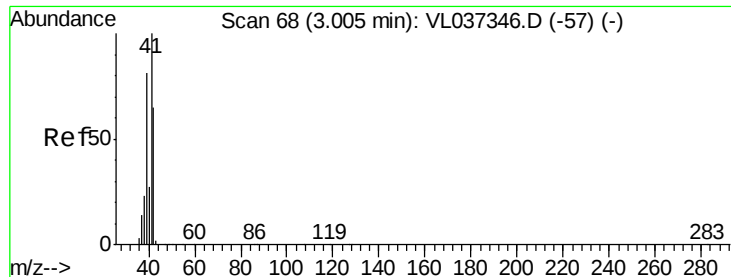
Delta R.T. -0.01 min

Lab File: VL037361.D

Acq: 7 Aug 2021 2:38

Tgt Ion	Ratio	Lower	Upper
51	100		
67	4.8	15.6	23.4





#9

Propene

Concen: 0.170 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL037361.D

Acq: 7 Aug 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENTDL

Tot Ion: 41 Resp: 9235

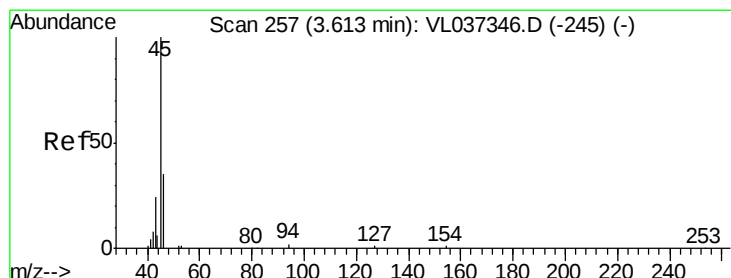
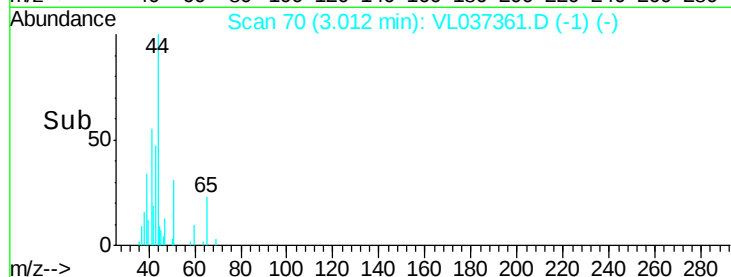
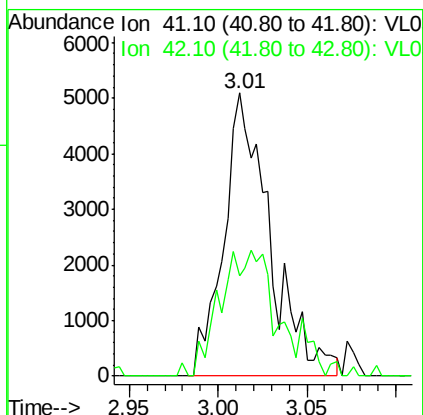
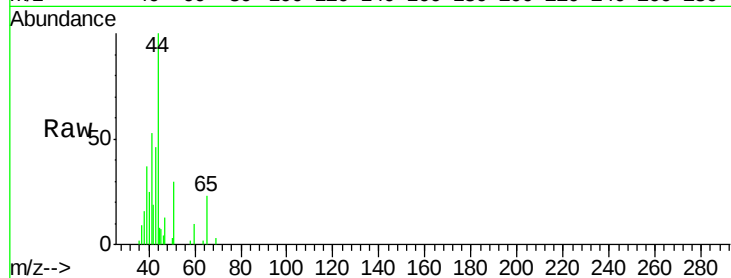
Ion Ratio Lower Upper

41 100

42 57.5 54.3 81.5

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#13

Ethanol

Concen: 1.276 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: VL037361.D

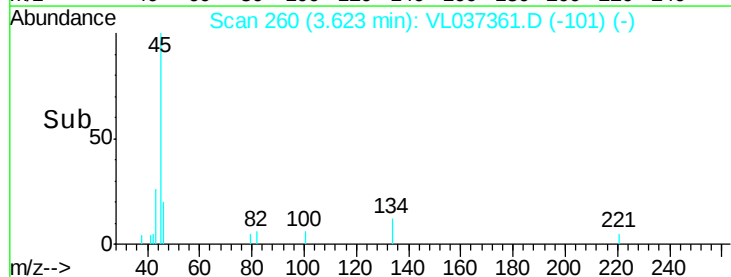
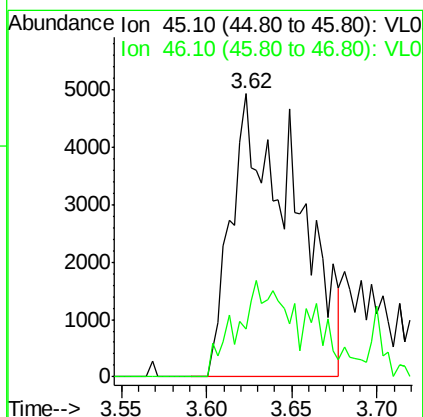
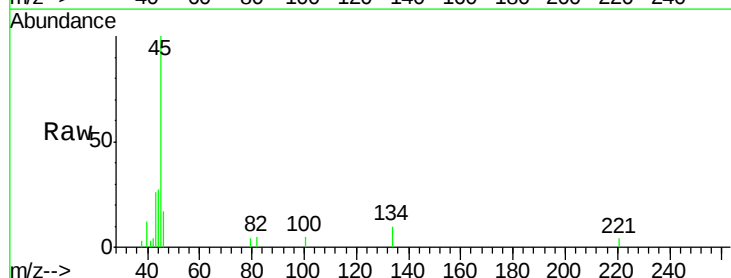
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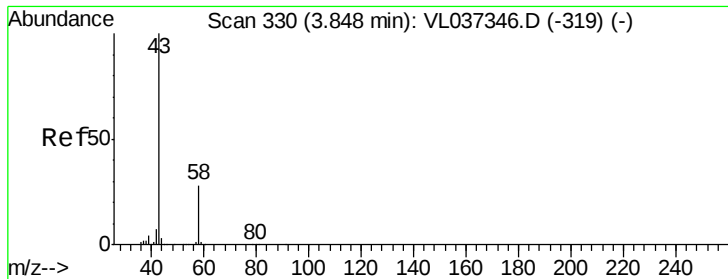
Tgt Ion: 45 Resp: 12758

Ion Ratio Lower Upper

45 100

46 0.0 15.7 62.9#





#15

Acetone

Concen: 0.984 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL037361.D

Acq: 7 Aug 2021 2:38

Instrument :

MSVOA_L

ClientSampleId :

SVE-EFFLUENTDL

Tot Ion: 43 Resp: 83017

Ion Ratio Lower Upper

43 100

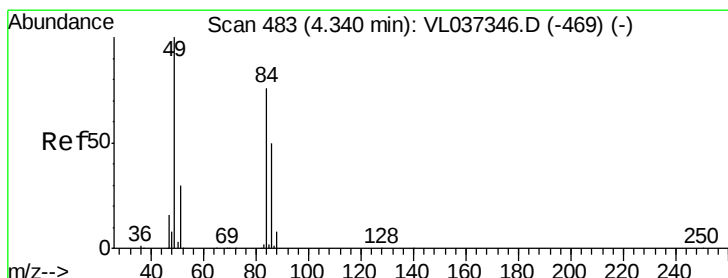
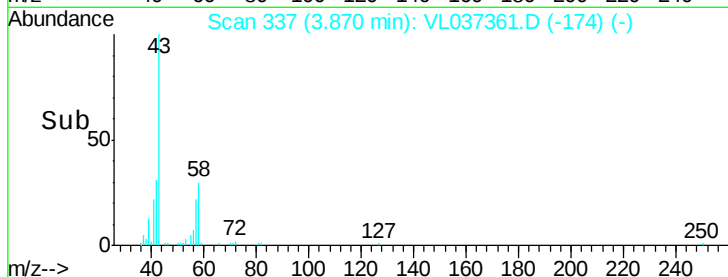
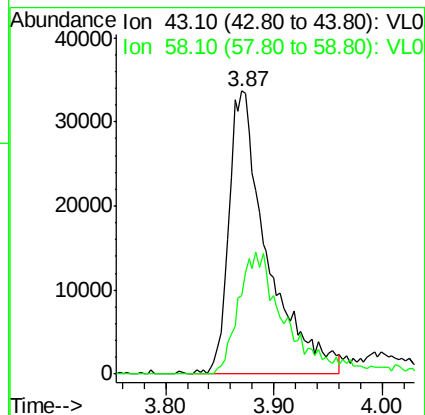
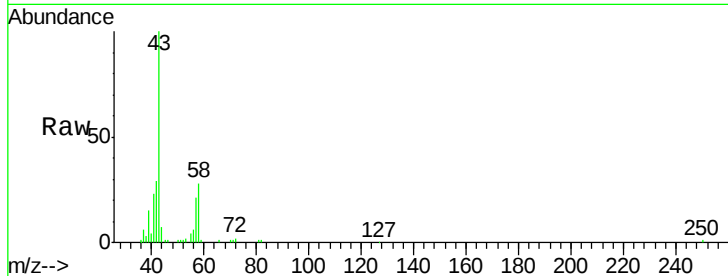
58 0.0 24.6 36.8#

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#20

Methylene Chloride

Concen: 0.833 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL037361.D

Acq: 7 Aug 2021 2:38

Tgt Ion: 84 Resp: 58902

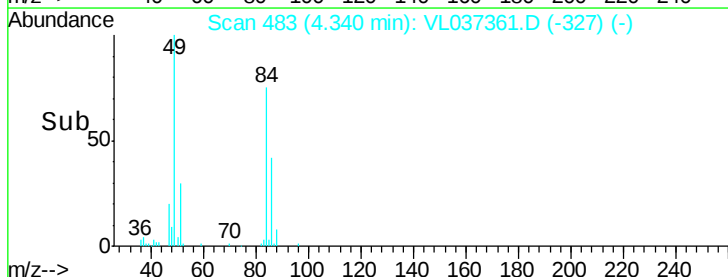
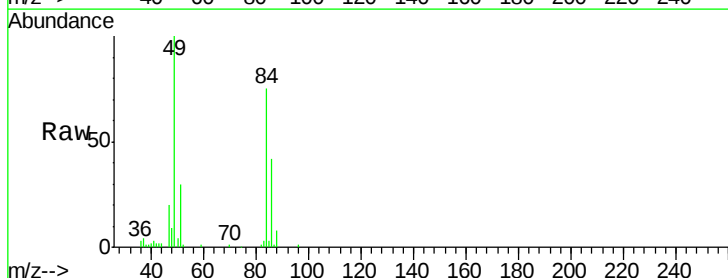
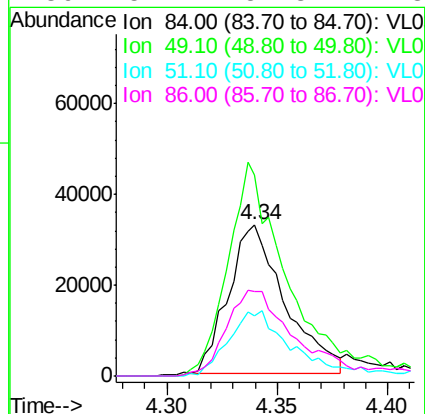
Ion Ratio Lower Upper

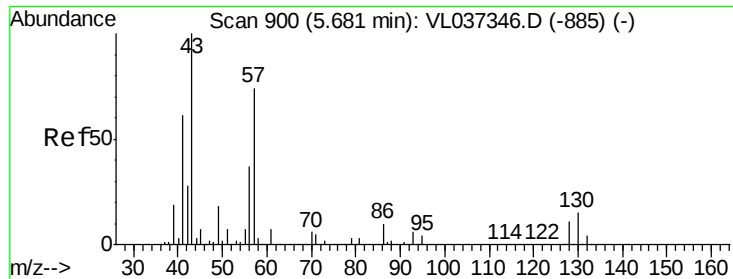
84 100

49 129.8 107.3 160.9

51 38.7 33.0 49.4

86 54.7 51.8 77.8





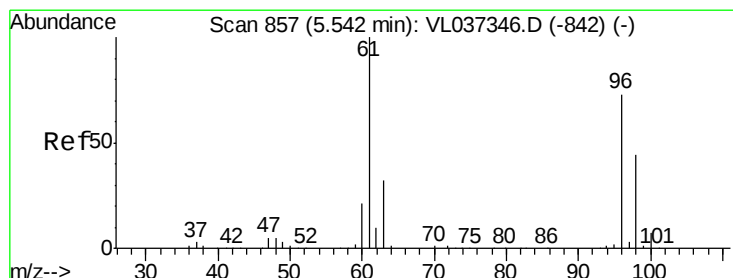
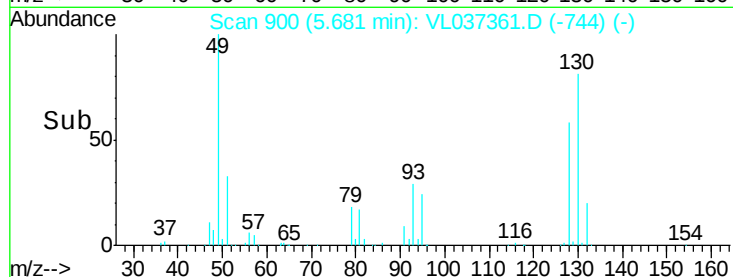
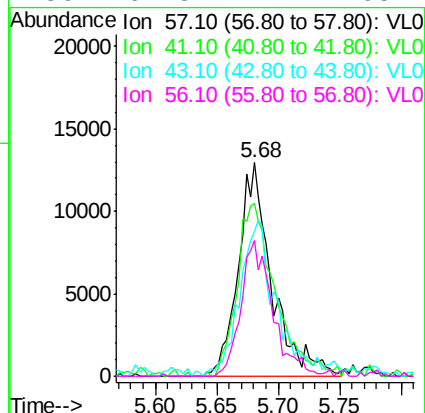
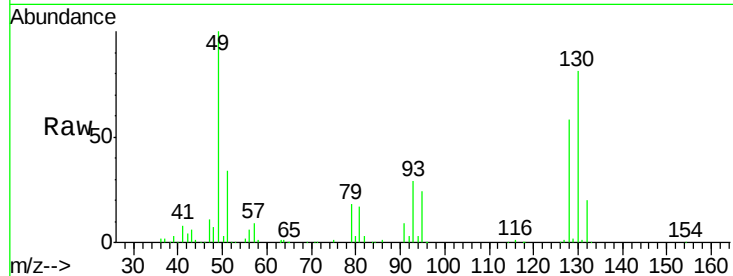
#26
Hexane
Concen: 0.209 ppbv m
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL037361.D
Acq: 7 Aug 2021 2:38

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	95.1	69.2	103.8
43	76.8	162.1	243.1#
56	61.3	42.2	63.4

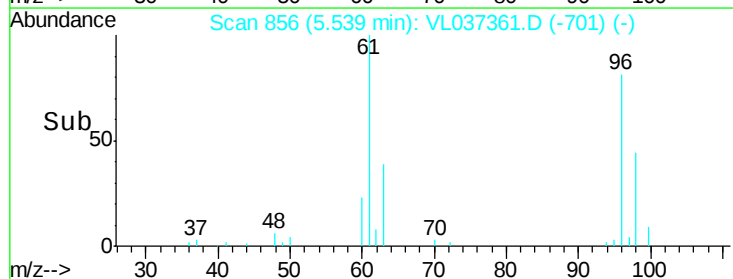
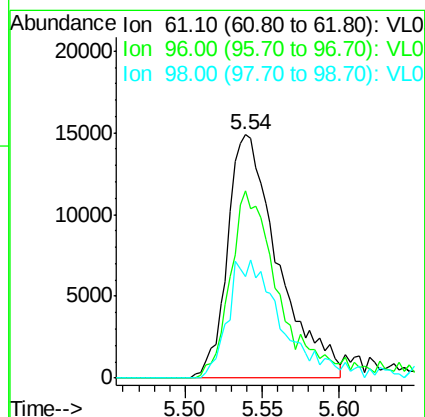
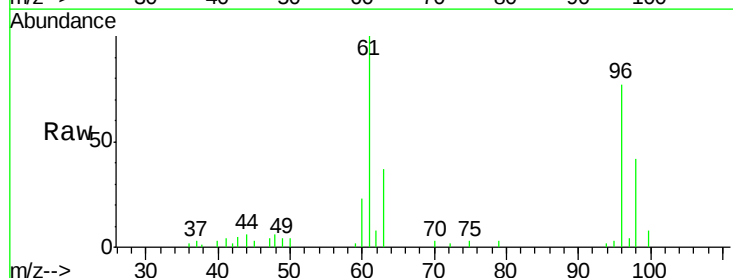
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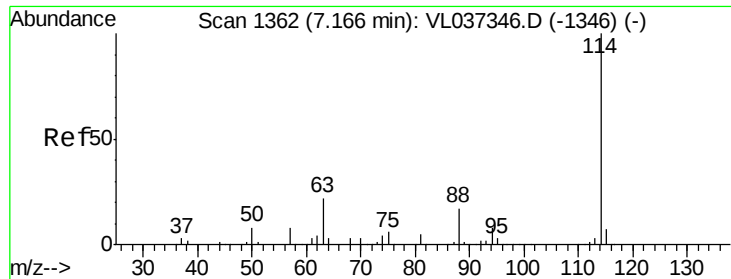
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#31
cis-1,2-Dichloroethene
Concen: 0.364 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL037361.D
Acq: 7 Aug 2021 2:38

Tgt Ion	Ratio	Lower	Upper
61	100		
96	77.0	58.5	87.7
98	41.9	35.1	52.7





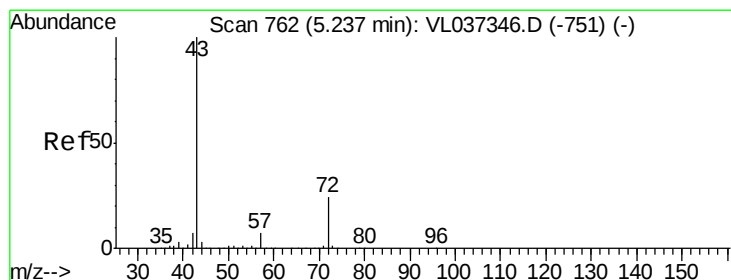
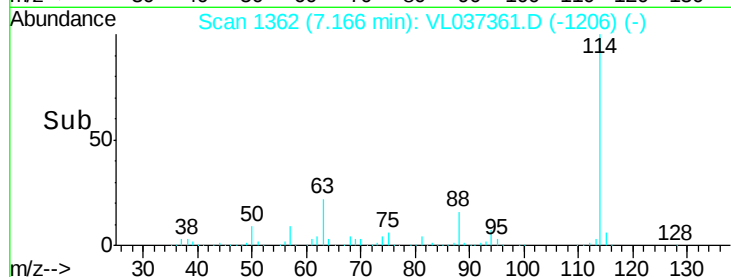
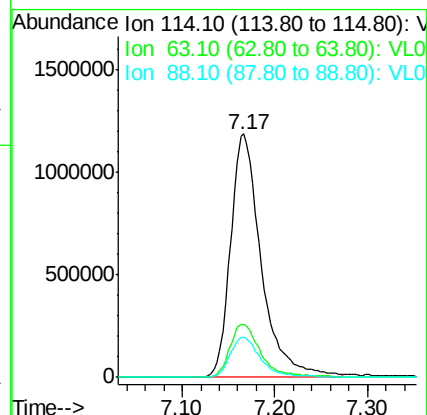
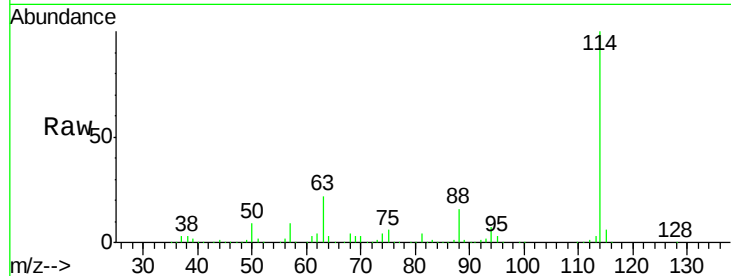
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VL037361.D
 Acq: 7 Aug 2021 2:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.8	26.6
88	16.8	13.5	20.3

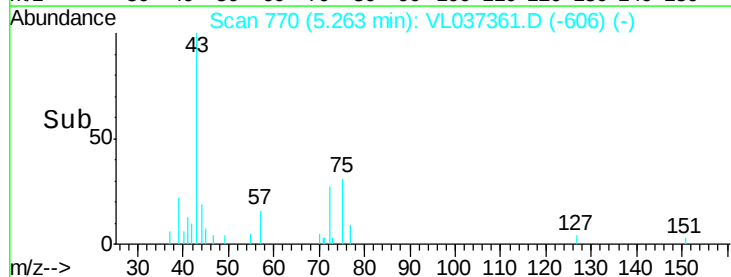
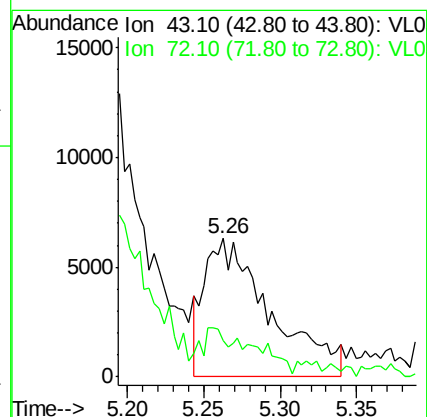
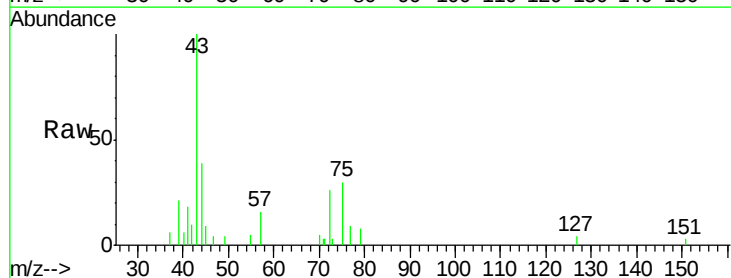
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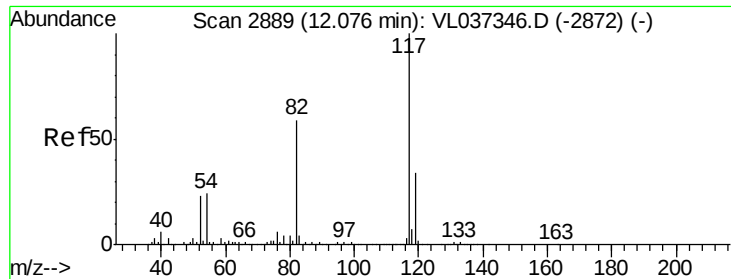
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#34
 2-Butanone
 Concen: 0.206 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.03 min
 Lab File: VL037361.D
 Acq: 7 Aug 2021 2:38

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#





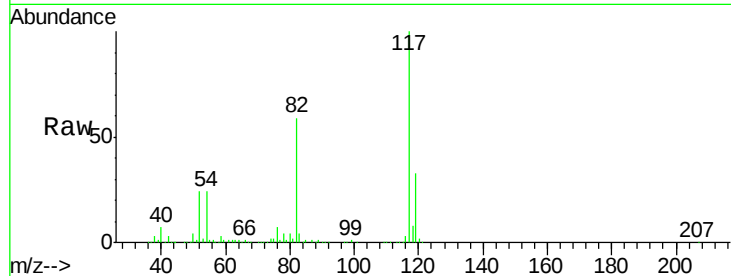
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037361.D
Acq: 7 Aug 2021 2:38

Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDL

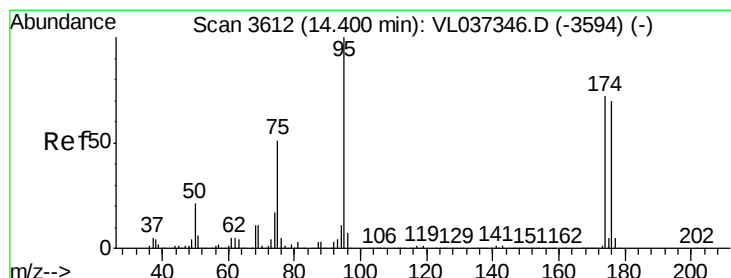
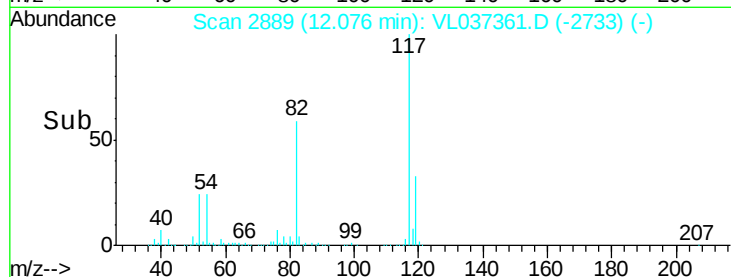
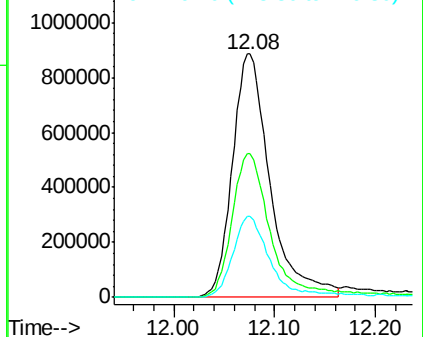
Tot Ion	Ratio	Lower	Upper
117	100		
82	64.2	46.0	69.0
119	35.4	24.4	36.6

Manual Integrations
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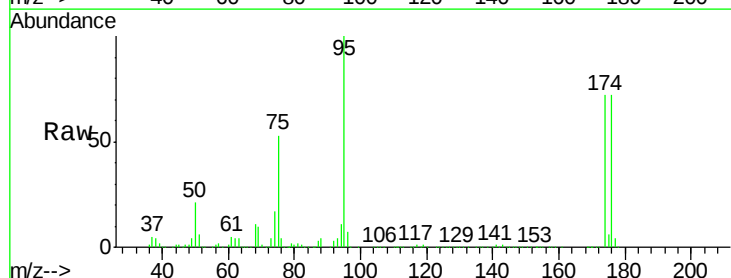


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.636 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL037361.D
Acq: 7 Aug 2021 2:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	60.8	91.2
175	6.2	4.3	6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

