

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037359.D
 Acq On : 7 Aug 2021 1:18
 Operator : SY/AP
 Sample : M3157-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-INFLUENTDL

Manual Integrations
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 8/10/2021 6:10:02 PM

Quant Time: Aug 07 04:36:26 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	762263	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2750256	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2296191	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	1603860	9.92	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	9135m	0.179	ppbv	
13) Ethanol	3.63	45	31624m	3.361	ppbv	
15) Acetone	3.87	43	103456	1.302	ppbv #	67
19) Isopropyl Alcohol	4.00	45	21680m	0.451	ppbv	
20) Methylene Chloride	4.34	84	95536	1.436	ppbv	98
26) Hexane	5.68	57	43203	0.389	ppbv #	50
31) cis-1,2-Dichloroethene	5.54	61	12984m	0.148	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	4876m	0.031	ppbv	
34) 2-Butanone	5.26	43	26922m	0.292	ppbv	
52) Tetrachloroethene	11.20	164	4157m	0.041	ppbv	
53) Toluene	9.80	91	40737	0.166	ppbv	99

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

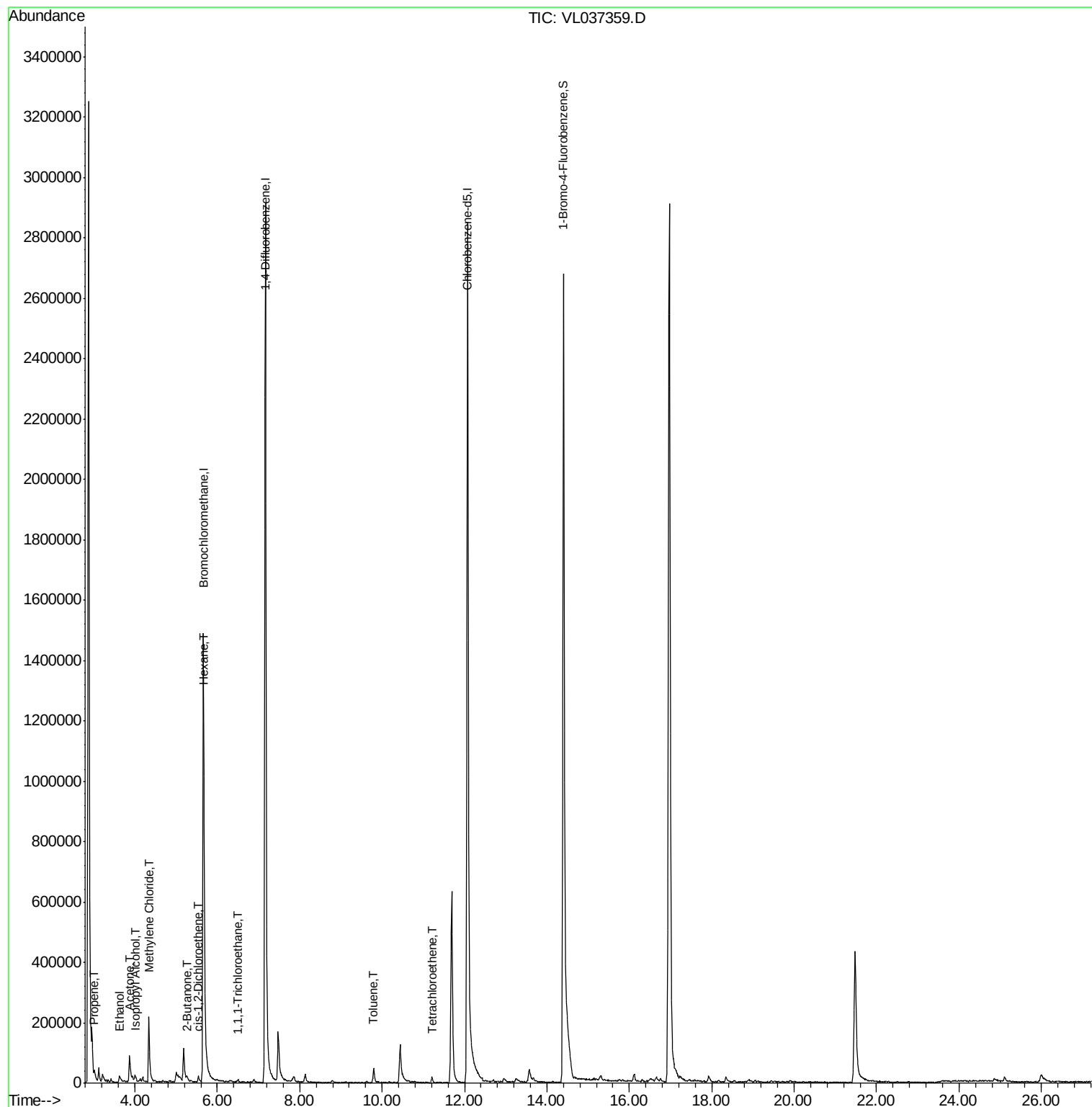
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
Data File : VL037359.D
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Operator : SY/AP
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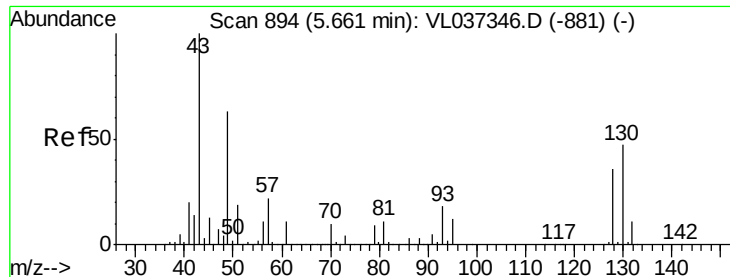
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Manual Integrations
APPROVED

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Quant Time: Aug 07 04:36:26 2021
Quant Method : Z:\VOASRV\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





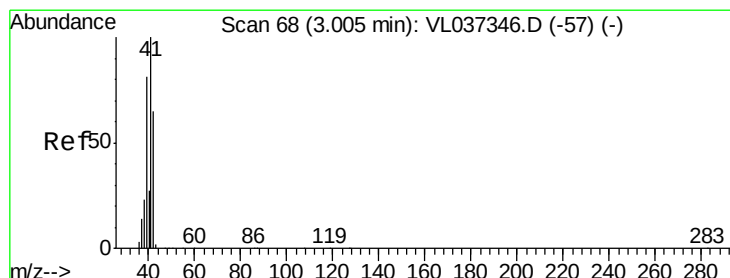
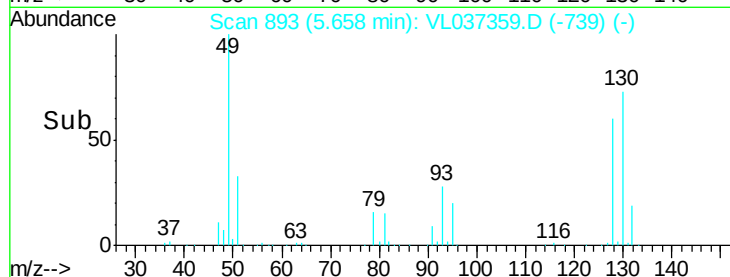
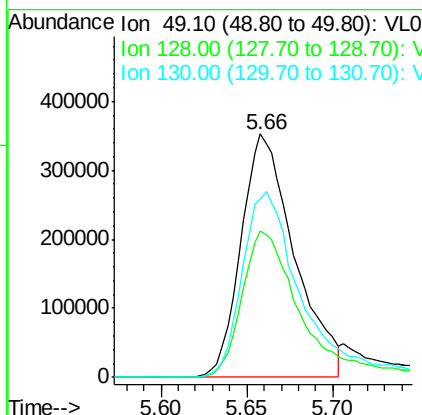
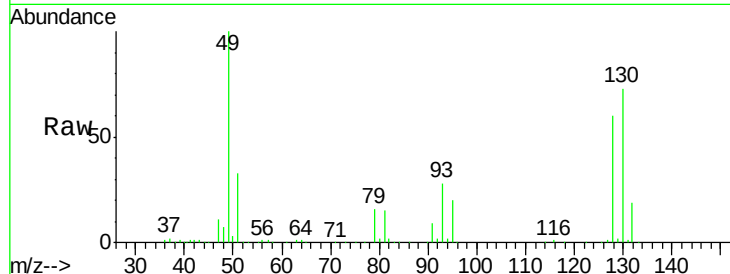
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	70.2	32.1	96.3
130	89.4	40.0	120.0

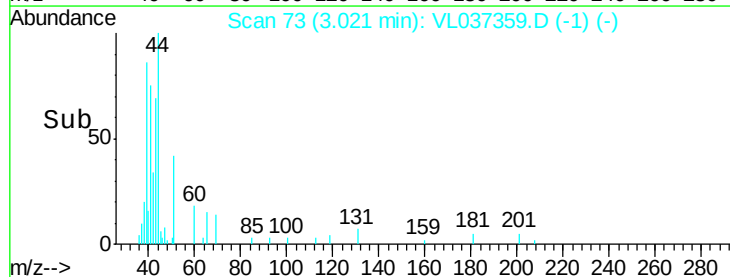
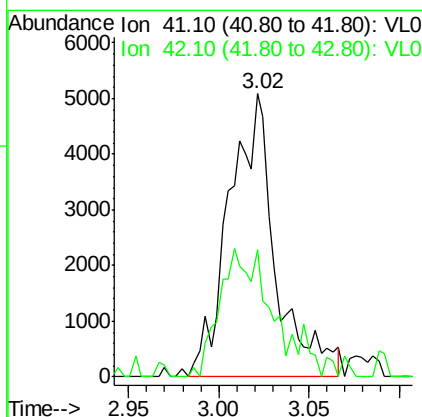
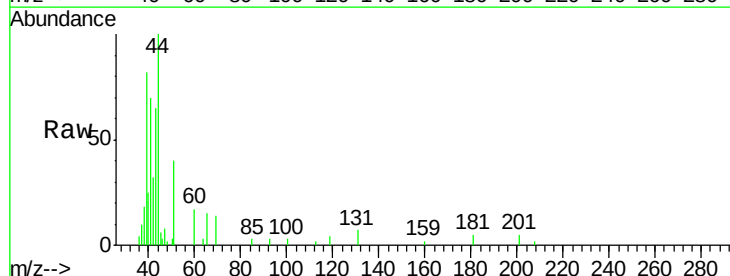
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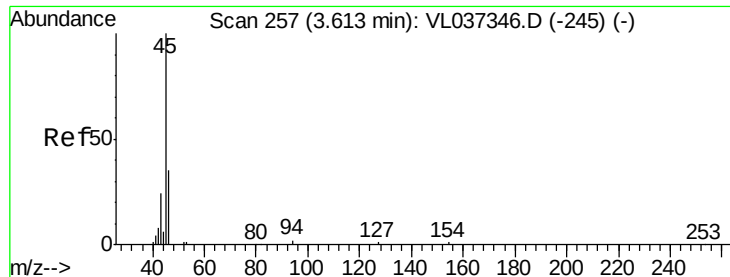
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#9
Propene
Concen: 0.179 ppbv m
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Tgt Ion	Ratio	Lower	Upper
41	100		
42	54.0	54.3	81.5#





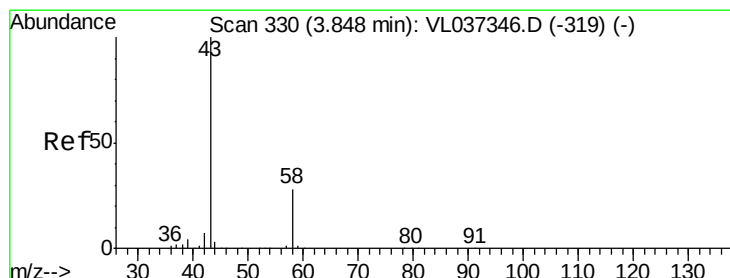
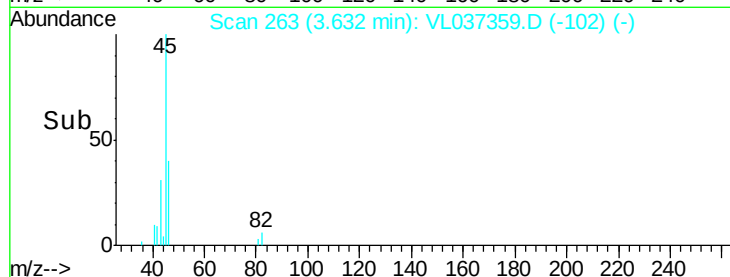
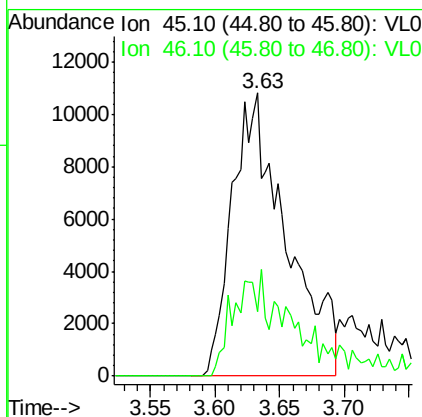
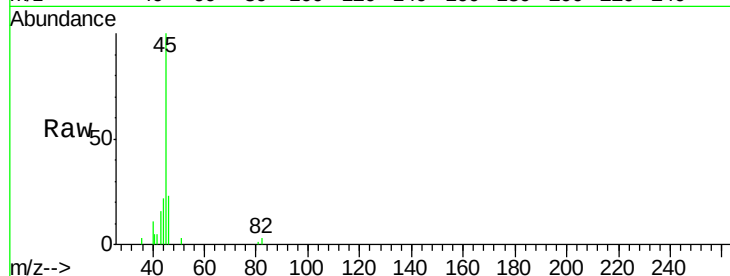
#13
Ethanol
Concen: 3.361 ppbv m
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion: 45 Resp: 31624
Ion Ratio Lower Upper
45 100
46 0.0 15.7 62.9#

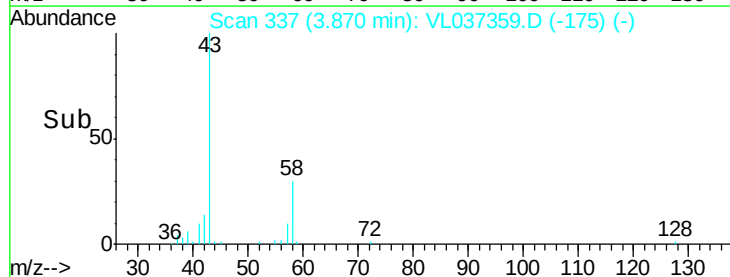
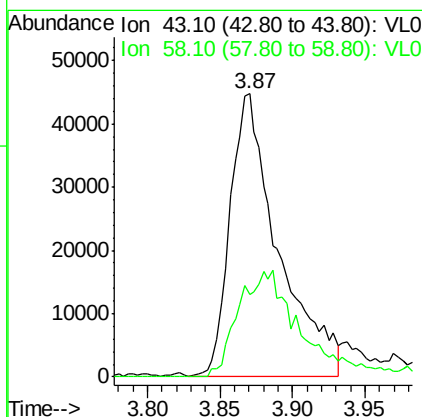
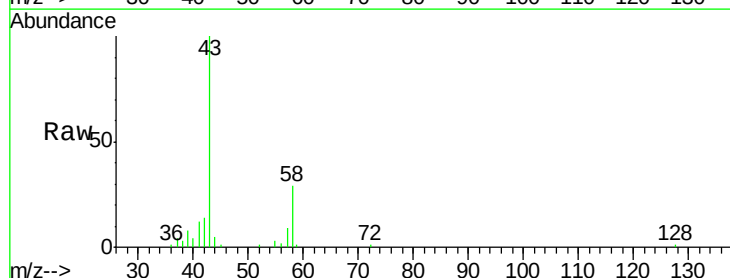
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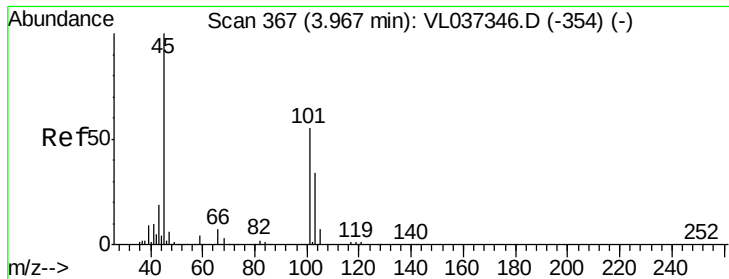
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#15
Acetone
Concen: 1.302 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Tgt Ion: 43 Resp: 103456
Ion Ratio Lower Upper
43 100
58 48.9 24.6 36.8#





#19

Isopropyl Alcohol

Concen: 0.451 ppbv m

RT: 4.00 min Scan# 377

Delta R.T. 0.03 min

Lab File: VL037359.D

Acq: 7 Aug 2021 1:18

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Tot Ion: 45 Resp: 21680

Ion Ratio Lower Upper

45 100

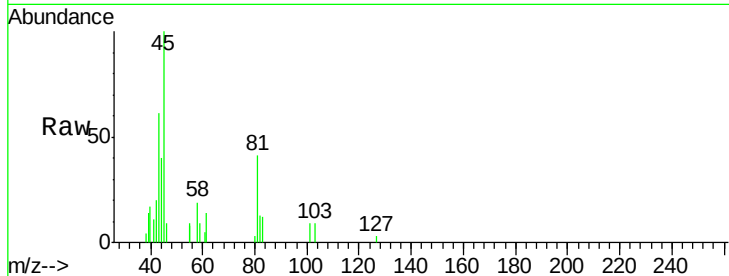
58 0.0 1.8 2.8#

Manual Integrations

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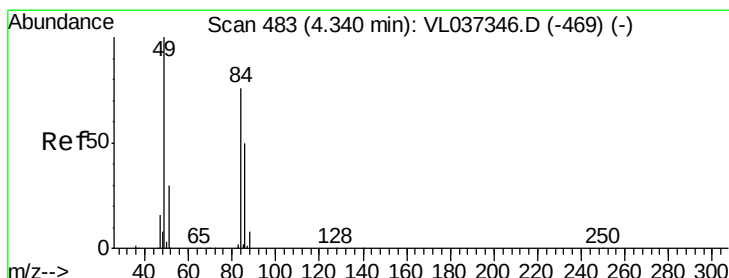
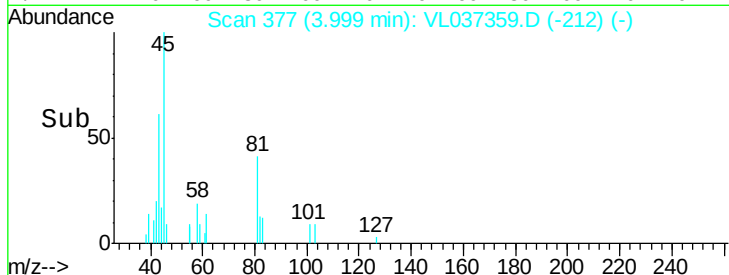
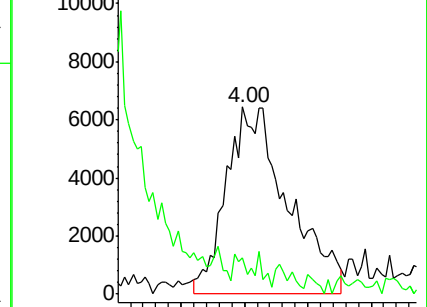
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 1.436 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL037359.D

Acq: 7 Aug 2021 1:18

Tgt Ion: 84 Resp: 95536

Ion Ratio Lower Upper

84 100

49 130.8 107.3 160.9

51 40.1 33.0 49.4

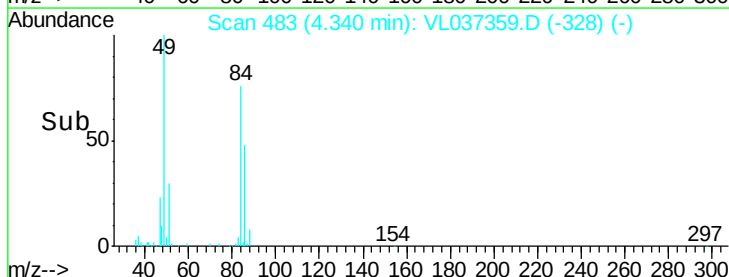
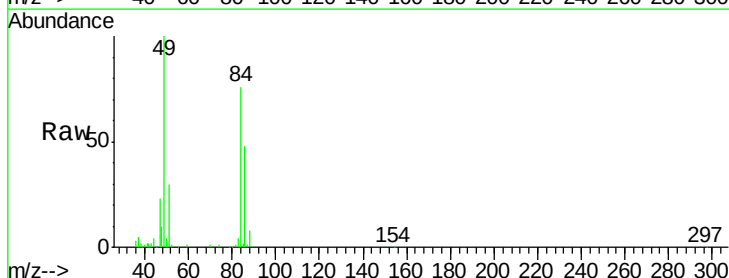
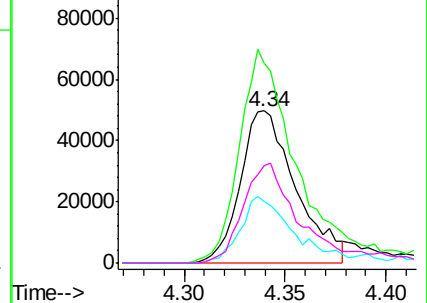
86 63.6 51.8 77.8

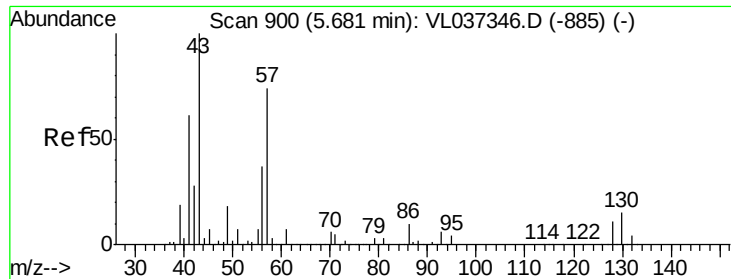
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





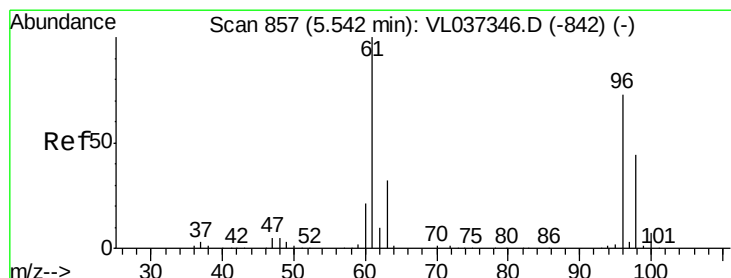
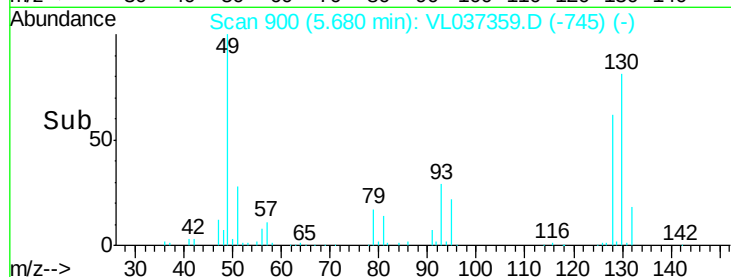
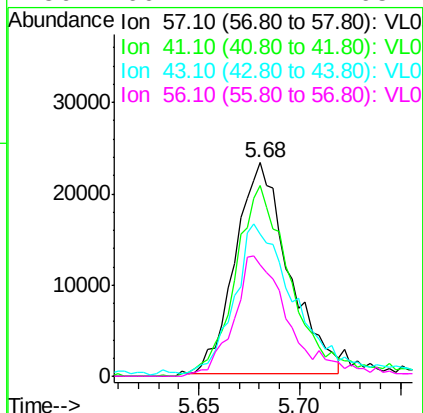
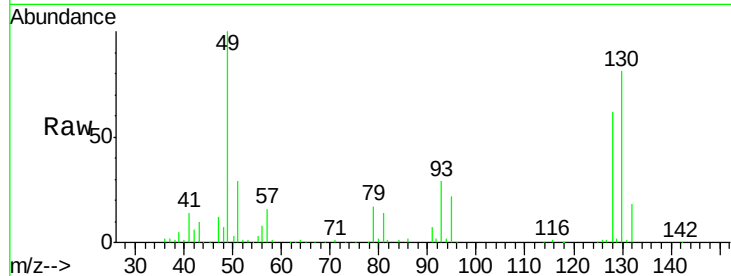
#26
Hexane
Concen: 0.389 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion	57	Resp	43203
Ion	Ratio	Lower	Upper
57	100		
41	96.4	69.2	103.8
43	83.9	162.1	243.1#
56	60.2	42.2	63.4

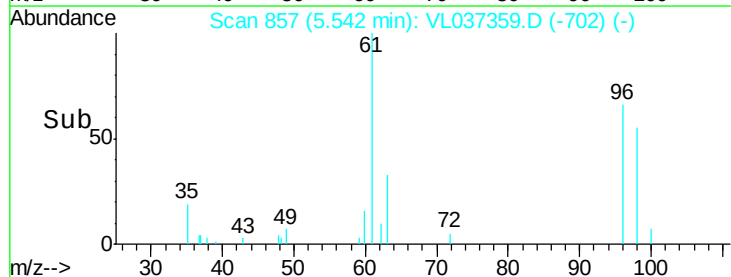
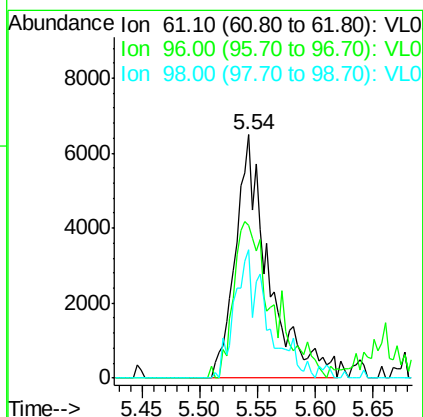
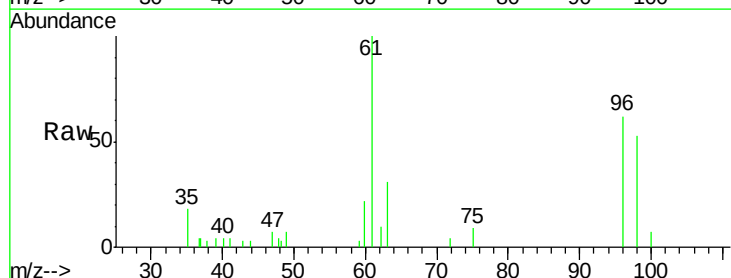
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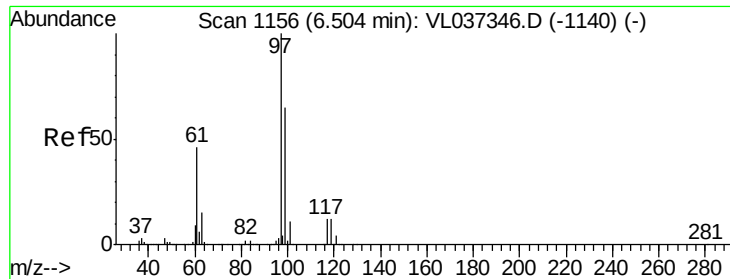
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#31
cis-1,2-Dichloroethene
Concen: 0.148 ppbv m
RT: 5.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Tgt Ion	61	Resp	12984
Ion	Ratio	Lower	Upper
61	100		
96	62.5	58.5	87.7
98	52.6	35.1	52.7





#32

1,1,1-Trichloroethane

Concen: 0.031 ppbv m

RT: 6.51 min Scan# 1157

Delta R.T. 0.00 min

Lab File: VL037359.D

Acq: 7 Aug 2021 1:18

Instrument :

MSVOA_L

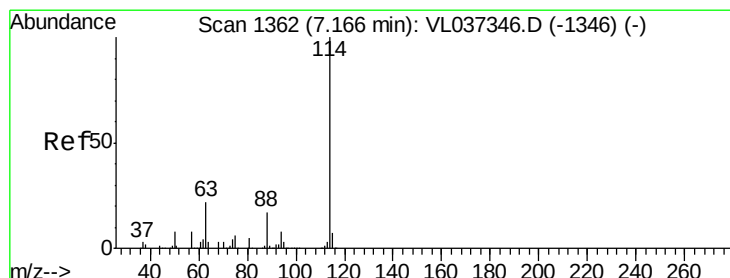
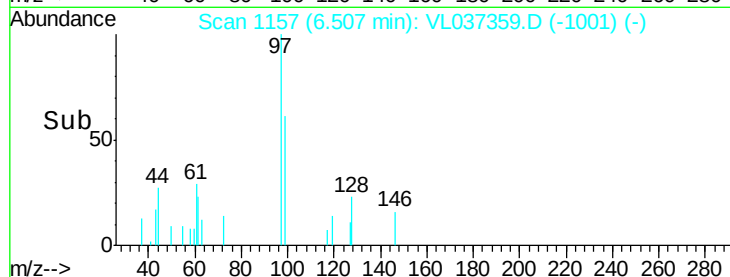
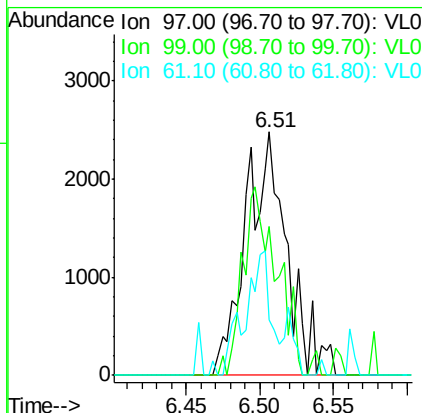
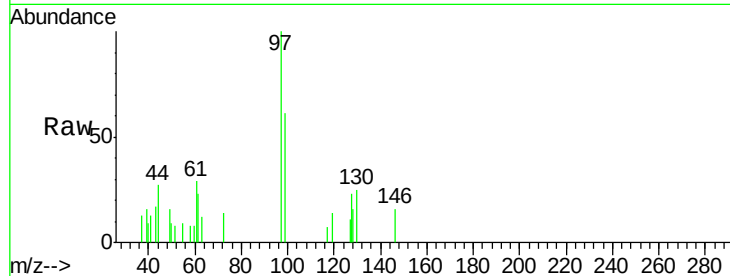
ClientSampleId :

SVE-INFLUENTDL

Tot Ion:	97	Resp:	4876
Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.8	77.6
61	0.0	37.0	55.6#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

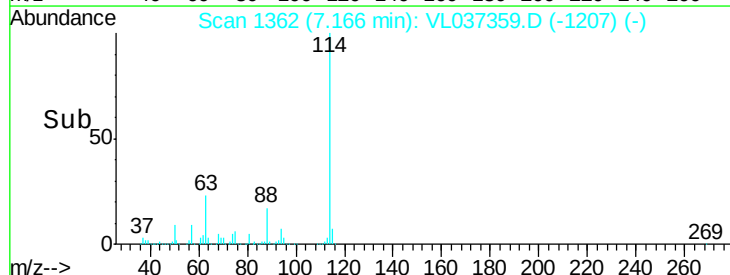
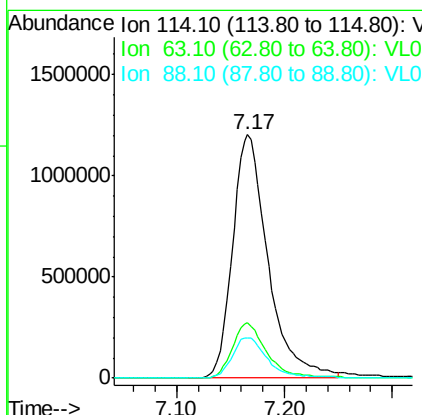
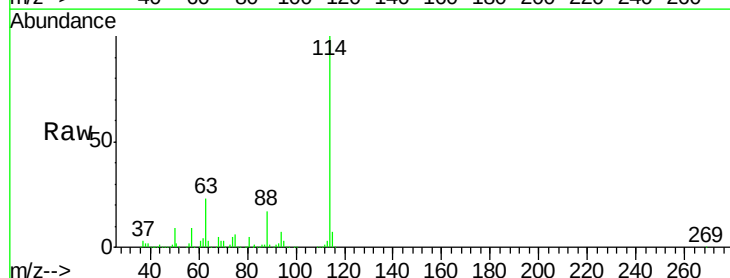
RT: 7.17 min Scan# 1362

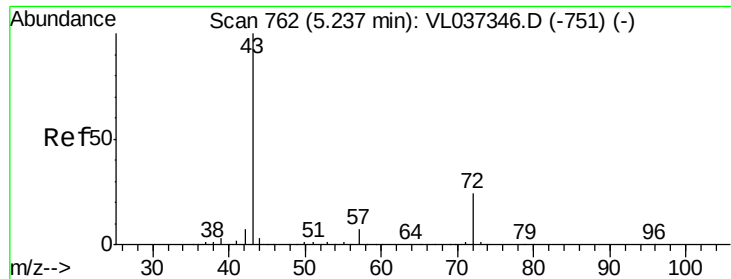
Delta R.T. -0.00 min

Lab File: VL037359.D

Acq: 7 Aug 2021 1:18

Tgt Ion:	114	Resp:	2750256
Ion	Ratio	Lower	Upper
114	100		
63	22.8	17.8	26.6
88	17.0	13.5	20.3





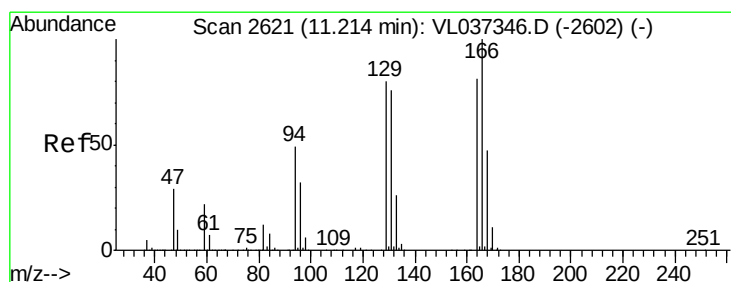
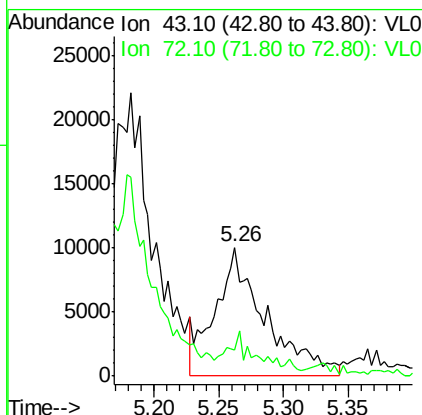
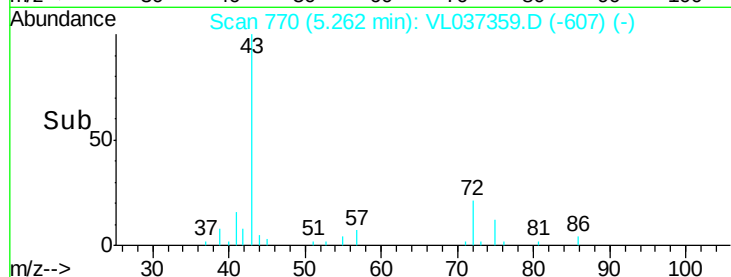
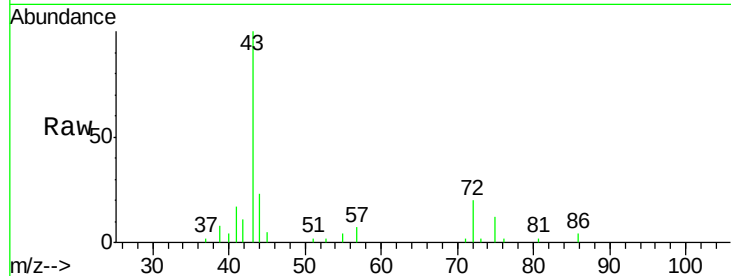
#34
2-Butanone
Concen: 0.292 ppbv m
RT: 5.26 min Scan# 770
Delta R.T. 0.03 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion: 43 Resp: 26922
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

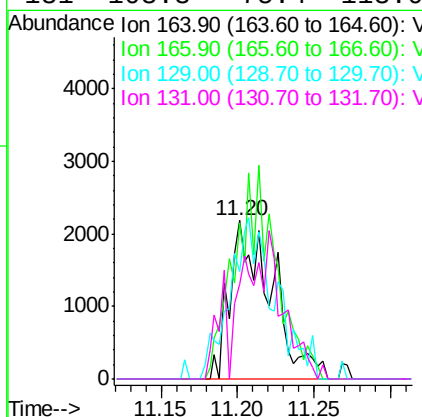
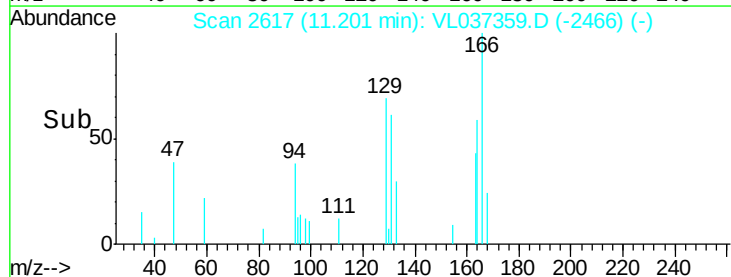
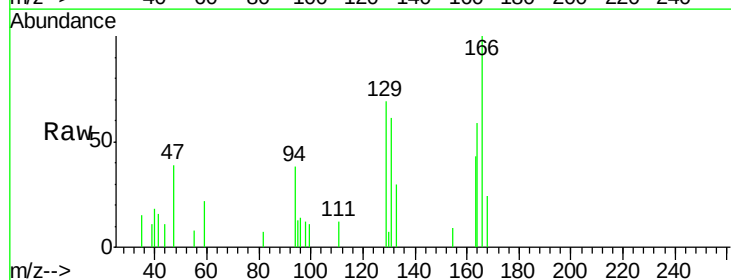
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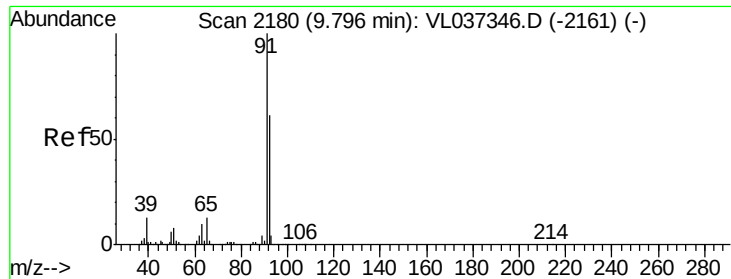
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#52
Tetrachloroethene
Concen: 0.041 ppbv m
RT: 11.20 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Tgt Ion:164 Resp: 4157
Ion Ratio Lower Upper
164 100
166 170.1 99.4 149.0#
129 117.5 79.2 118.8
131 103.3 75.4 113.0





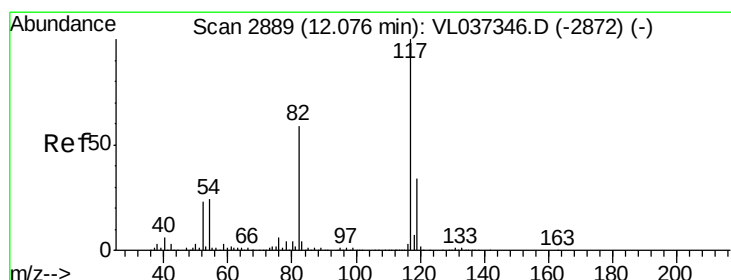
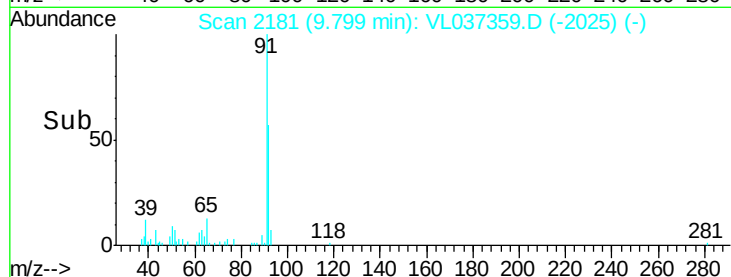
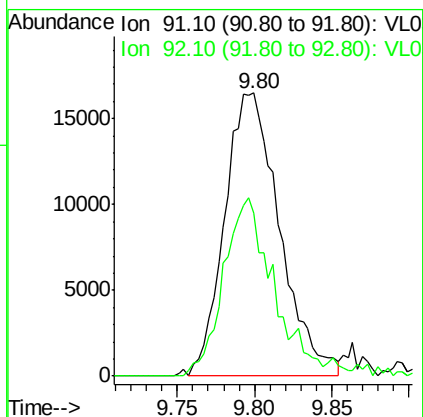
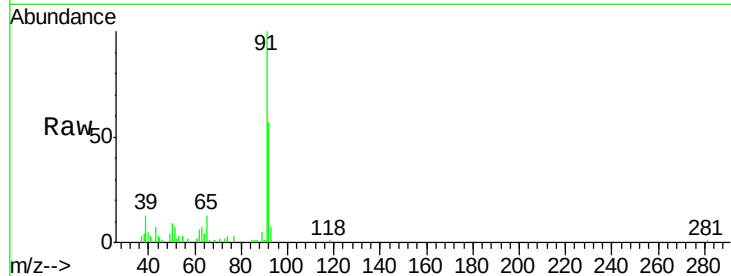
#53
Toluene
Concen: 0.166 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENTDL

Tot Ion: 91 Resp: 40737
Ion Ratio Lower Upper
91 100
92 60.9 48.2 72.4

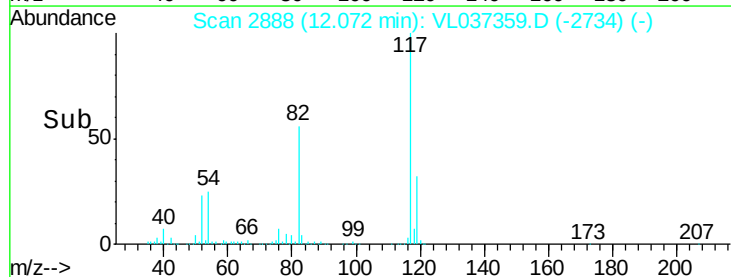
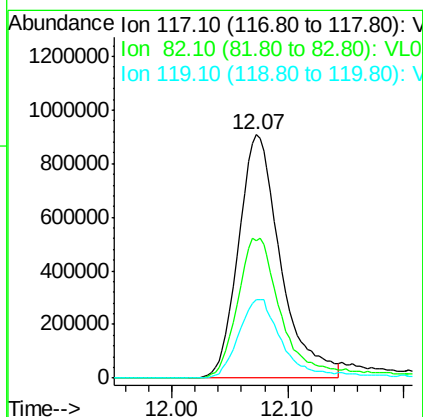
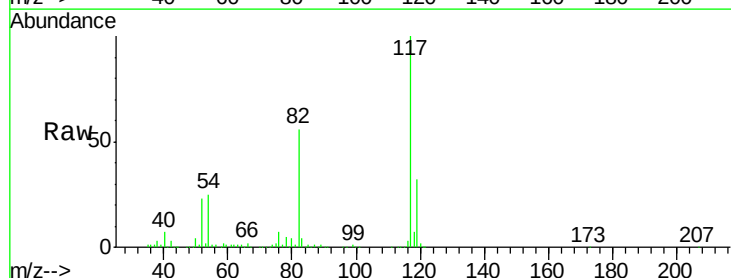
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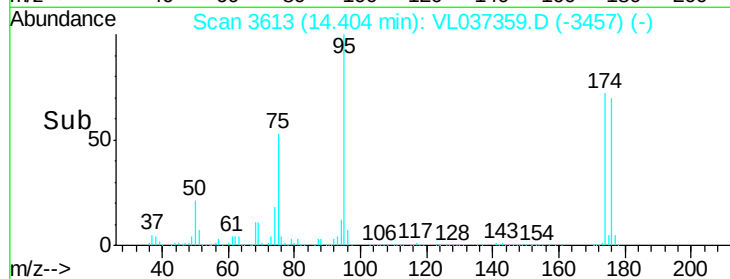
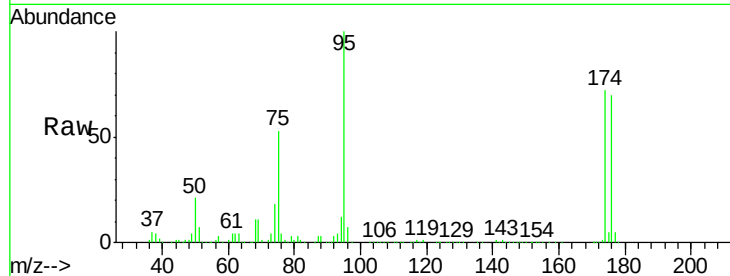
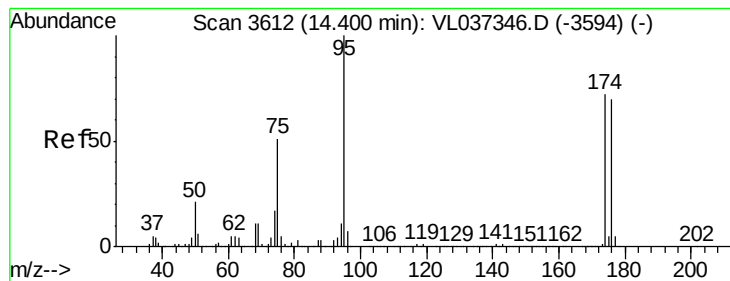
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL037359.D
Acq: 7 Aug 2021 1:18

Tgt Ion: 117 Resp: 2296191
Ion Ratio Lower Upper
117 100
82 64.0 46.0 69.0
119 36.5 24.4 36.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.915 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. 0.00 min

Lab File: VL037359.D

Acq: 7 Aug 2021 1:18

Tot Ion: 95 Resp: 1603860

Ion Ratio Lower Upper

95 100

174 81.4 60.8 91.2

175 5.4 4.3 6.5

Instrument :

MSVOA_L

ClientSampleId :

SVE-INFLUENTDL

Manual Integrations

APPROVED

MMDadoda

8/10/2021 6:10:02 PM

