

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038071.D
 Acq On : 19 Nov 2021 2:19
 Operator : SY/AP
 Sample : M4751-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 25 20:50:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	783917	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2318591	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1944080	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1435104	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.26	62	3558	0.065	ppbv	100
15) Acetone	3.87	43	105258	1.549	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	5322m	0.131	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	658305	6.356	ppbv	98
38) Trichloroethene	7.83	130	761190	8.725	ppbv	98
52) Tetrachloroethene	11.24	164	10442431	122.022	ppbv	88
59) m/p-Xylene	12.96	91	28776m	0.106	ppbv	

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

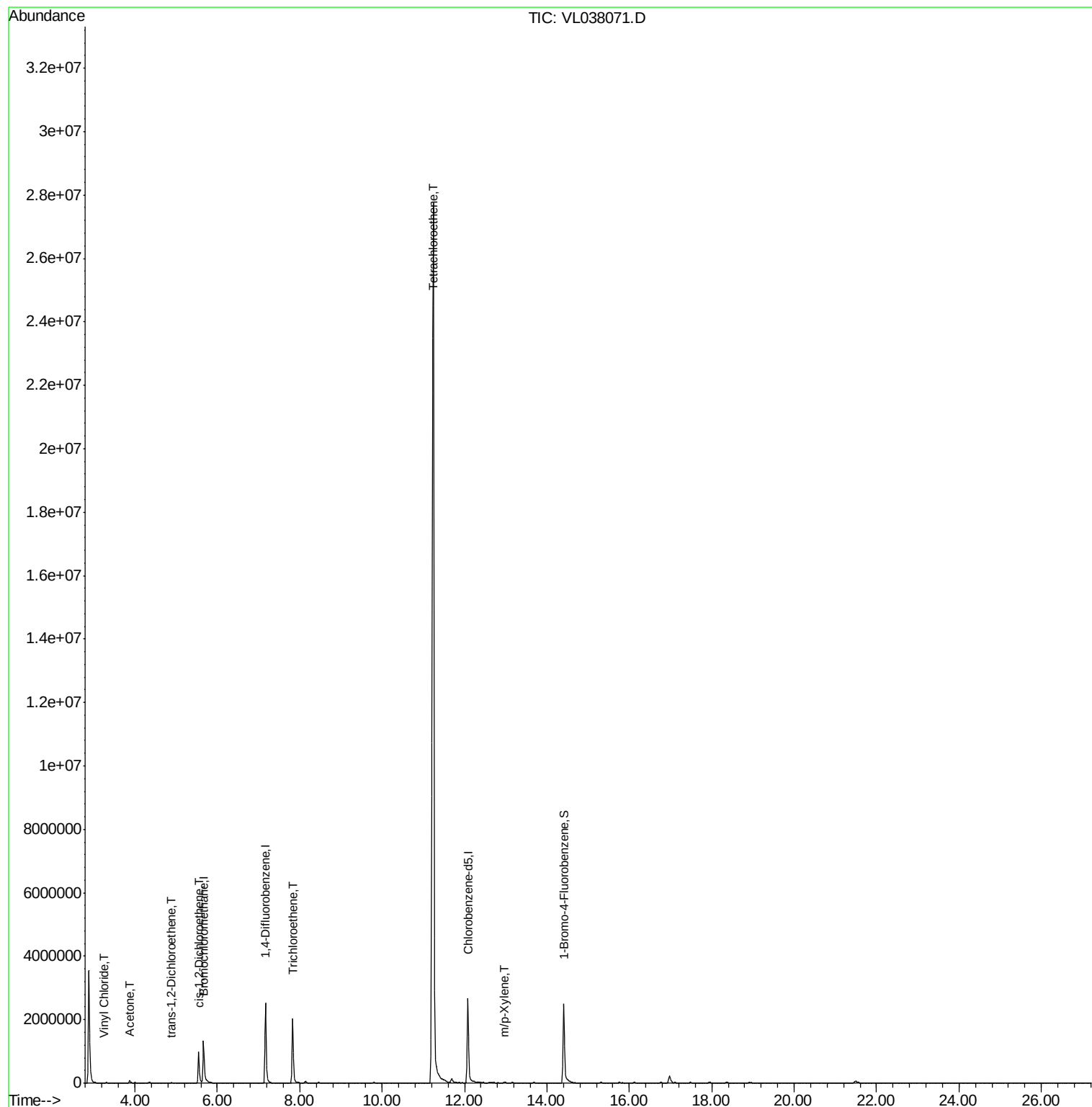
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
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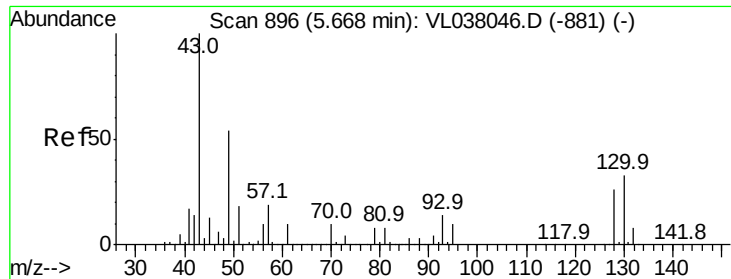
Instrument :
MSVOA_L
ClientSampleId :
SVP-1

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 19 Nov 2021 2:19

Tot Ion:

Ion Ratio

49 100

128 51.

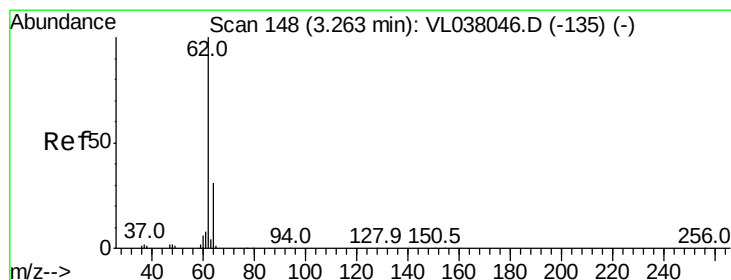
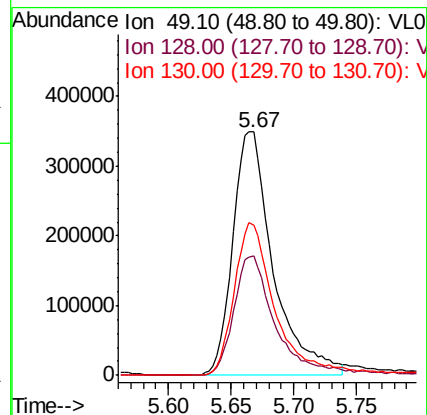
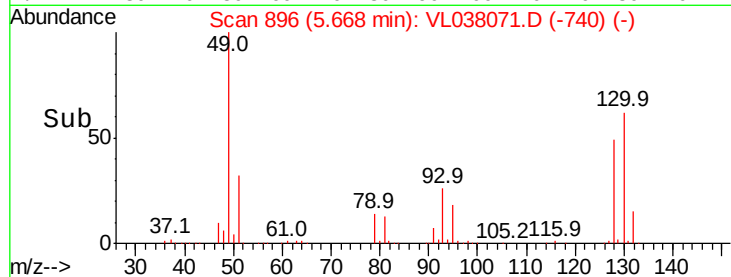
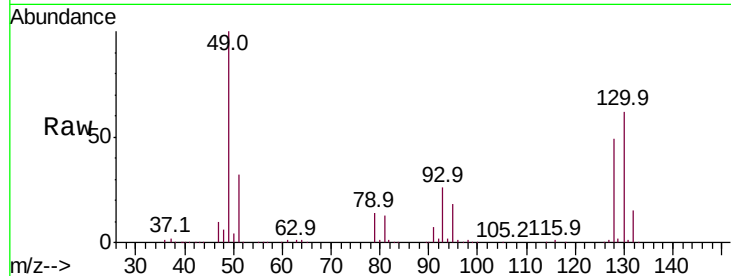
130 65.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#5

Vinyl Chloride

Concen: 0.065 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.00 min

Lab File: VL038071.D

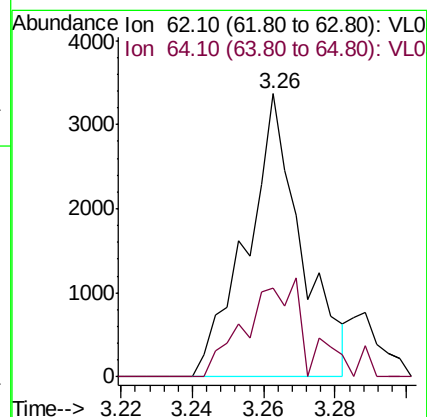
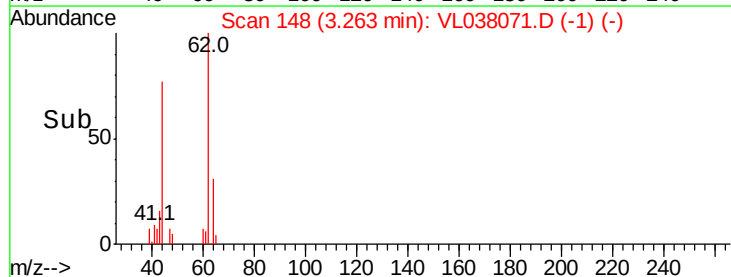
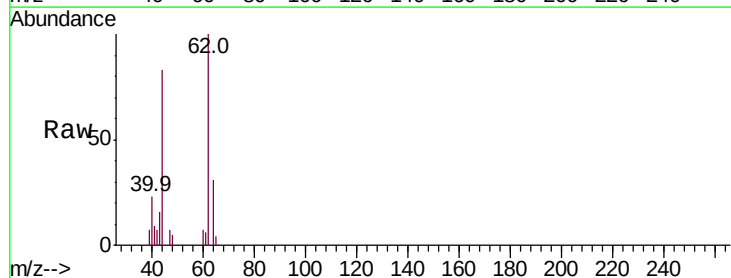
Acq: 19 Nov 2021 2:19

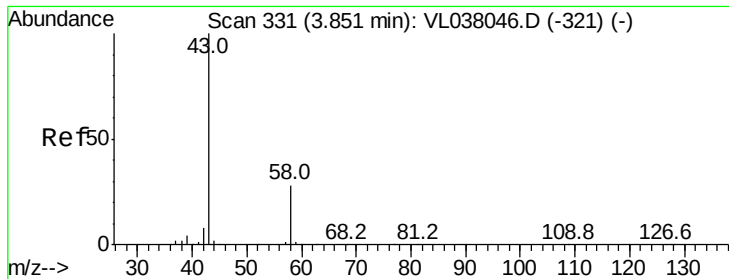
Tgt Ion: 62 Resp: 3558

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#15

Acetone

Concen: 1.549 ppbv

RT: 3.87 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

SVP-1

Acq: 19 Nov 2021 2:19

Tot Ion:

Ion Ratio

43 100

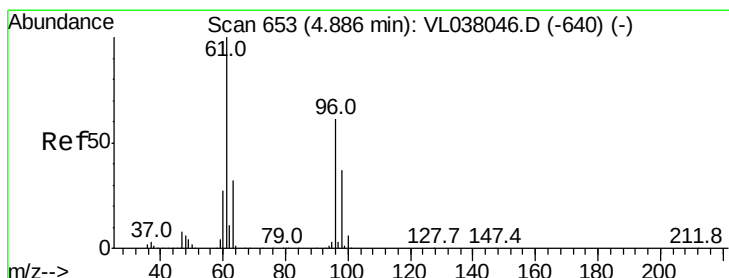
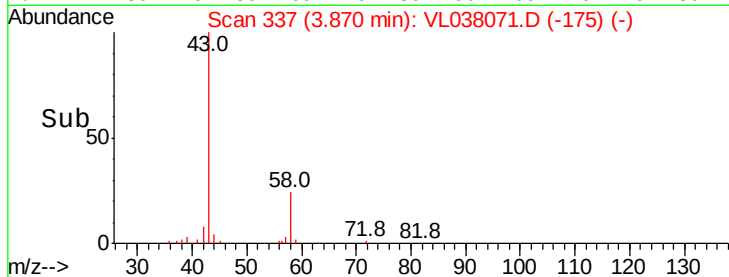
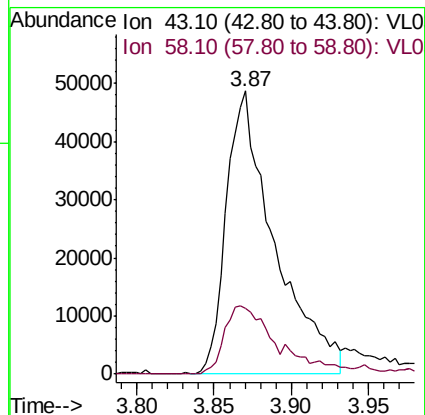
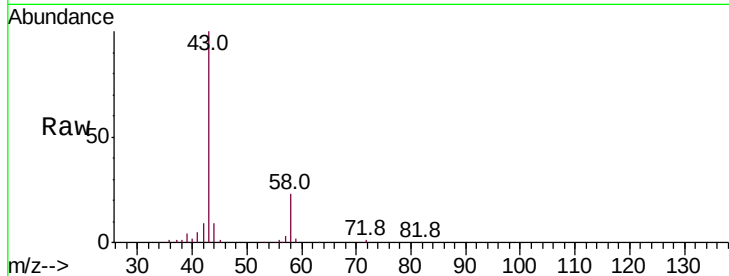
58 28.

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#22

trans-1,2-Dichloroethene

Concen: 0.131 ppbv m

RT: 4.89 min Scan# 654

Delta R.T. 0.00 min

Lab File: VL038071.D

Acq: 19 Nov 2021 2:19

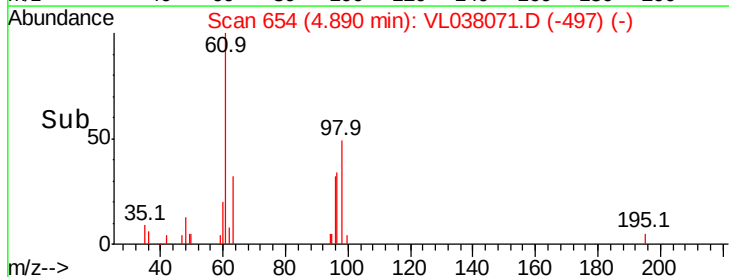
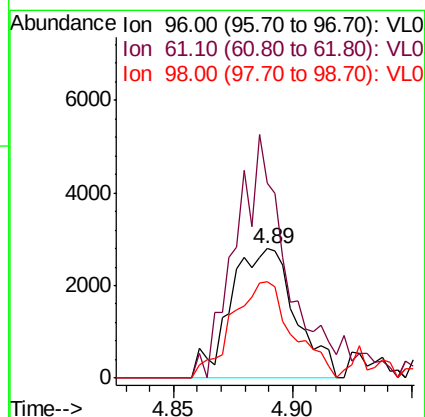
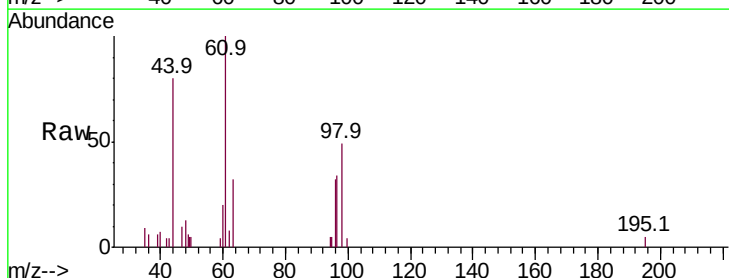
Tgt Ion: 96 Resp: 5322

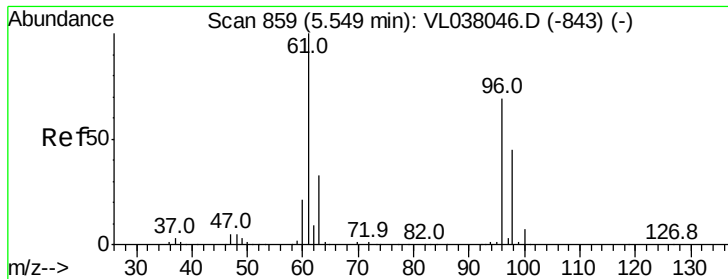
Ion Ratio Lower Upper

96 100

61 291.4 131.6 197.4#

98 143.2 48.4 72.6#





#31

cis-1,2-Dichloroethene

Concen: 6.356 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 2:19 SVP-1

Tot Ion:

Ion Ratio

61 100

96 68.

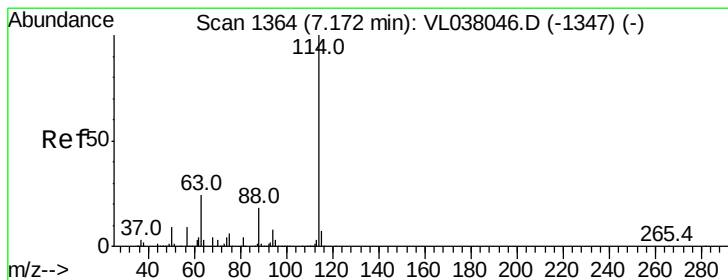
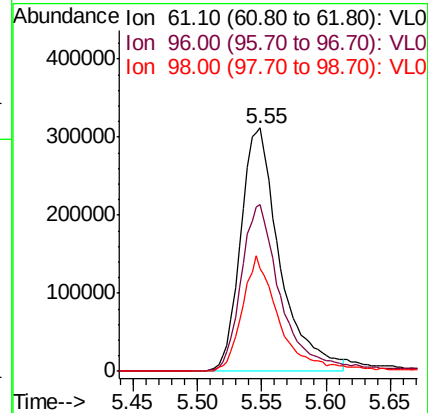
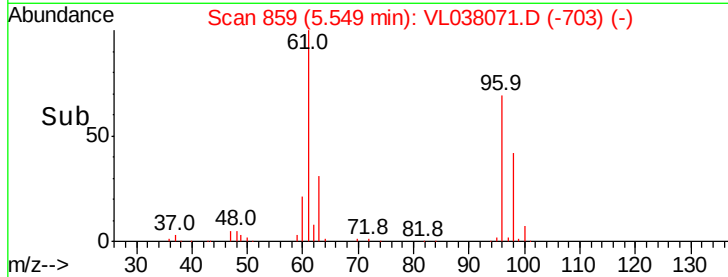
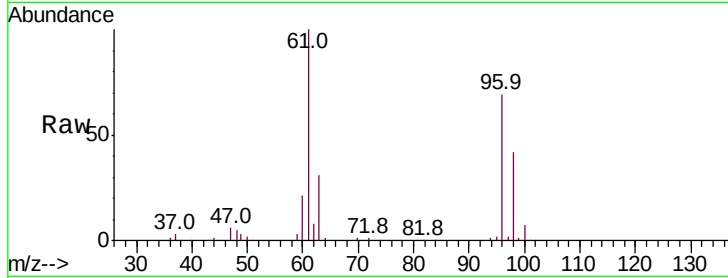
98 42.

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VL038071.D

Acq: 19 Nov 2021 2:19

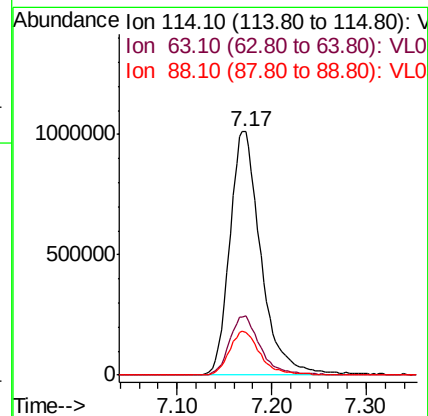
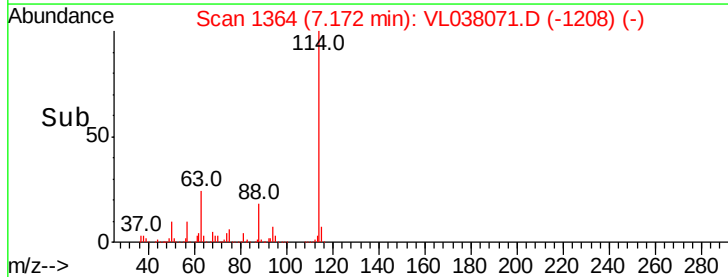
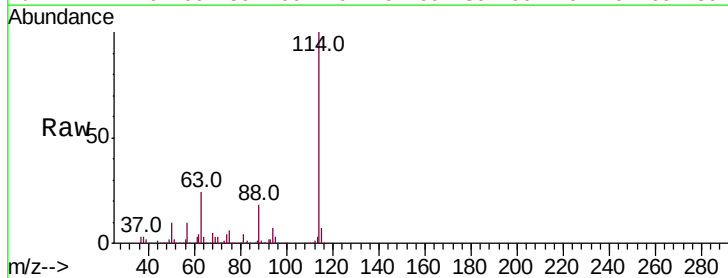
Tgt Ion:114 Resp: 2318591

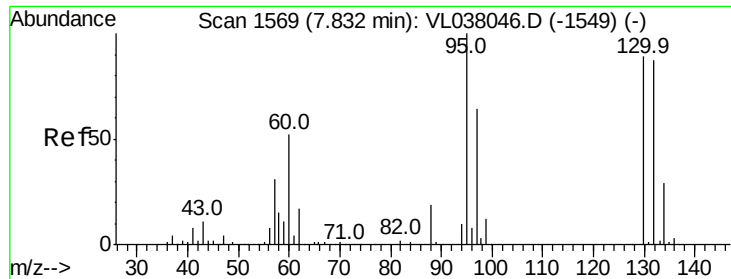
Ion Ratio Lower Upper

114 100

63 24.5 19.7 29.5

88 18.0 14.4 21.6



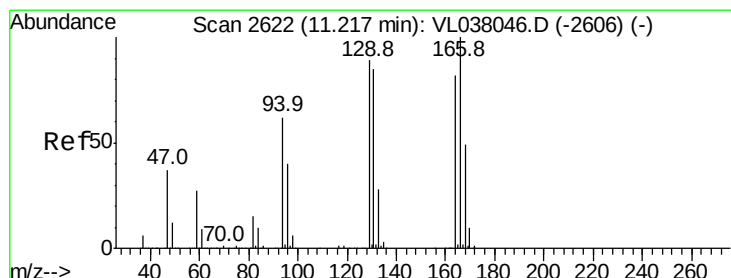
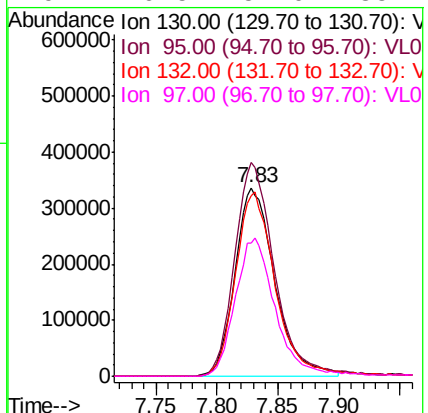
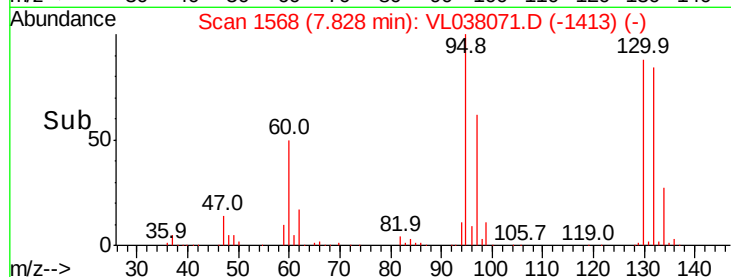
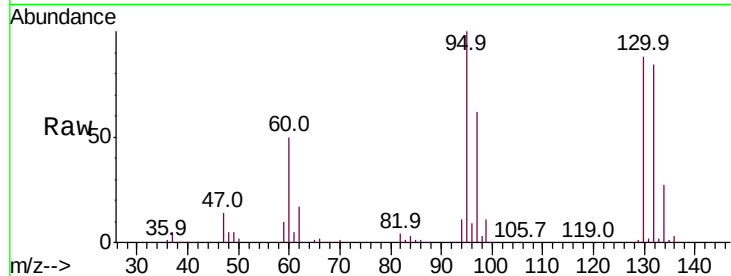


#38
 Trichloroethene
 Concen: 8.725 ppbv
 RT: 7.83
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVP-1
 Acq: 19 Nov 2021 2:19

Tot Ion:1
 Ion Rati
 130 100
 95 113.
 132 95.
 97 70.5 57.0 85.4

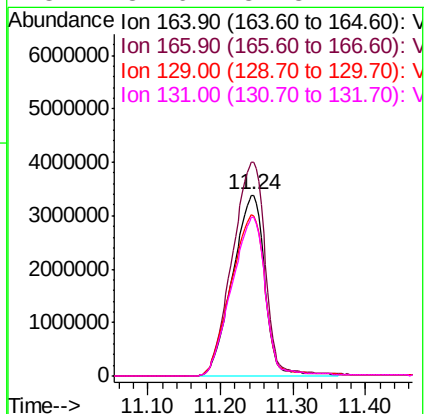
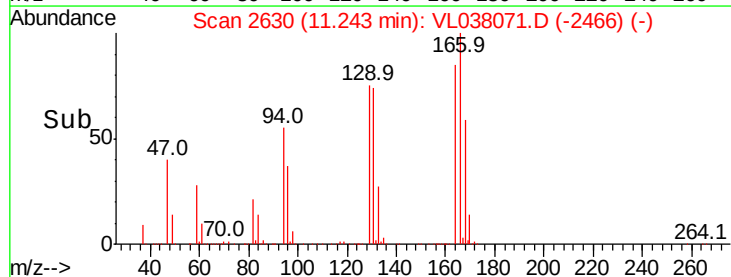
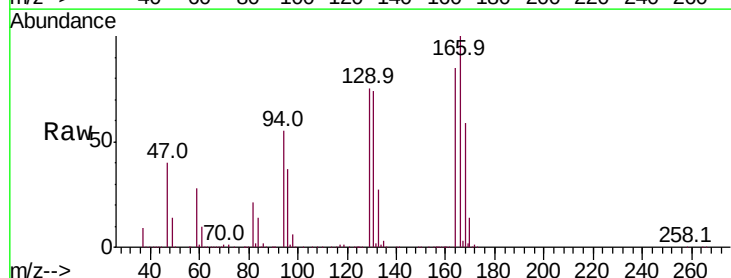
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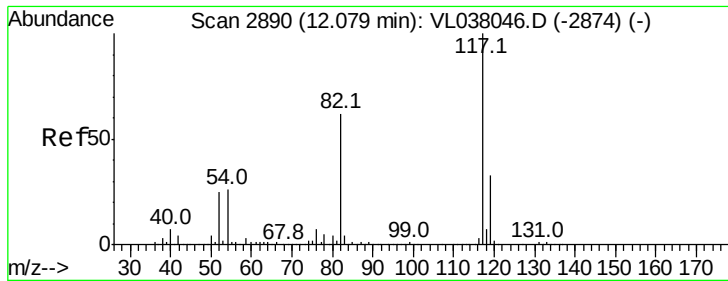
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#52
 Tetrachloroethene
 Concen: 122.022 ppbv
 RT: 11.24 min Scan# 2630
 Delta R.T. 0.03 min
 Lab File: VL038071.D
 Acq: 19 Nov 2021 2:19

Tgt Ion:164 Resp:10442431
 Ion Ratio Lower Upper
 164 100
 166 118.0 97.2 145.8
 129 88.8 86.9 130.3
 131 87.6 82.8 124.2



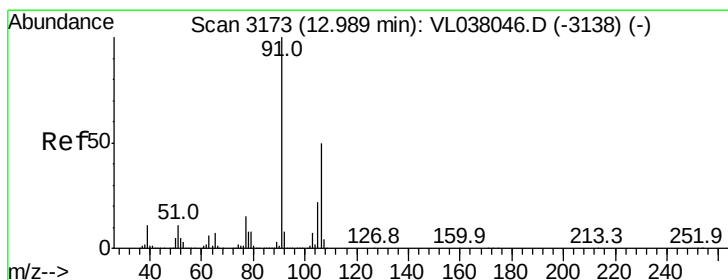
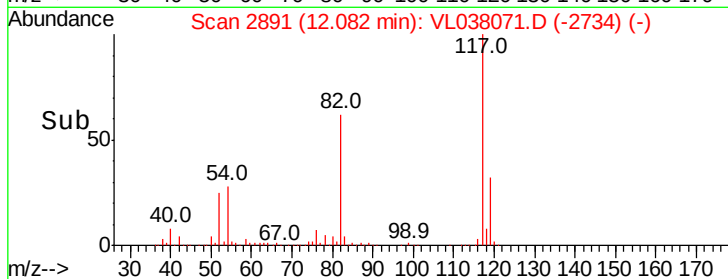
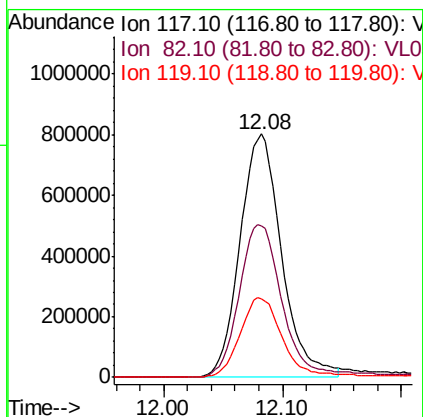
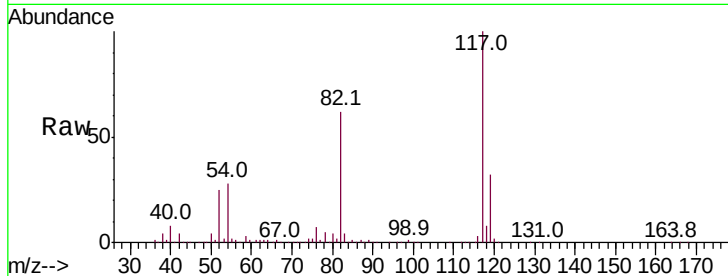


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVP-1
Acq: 19 Nov 2021 2:19

Tot Ion:1
Ion Rati
117 100
82 67.
119 34.

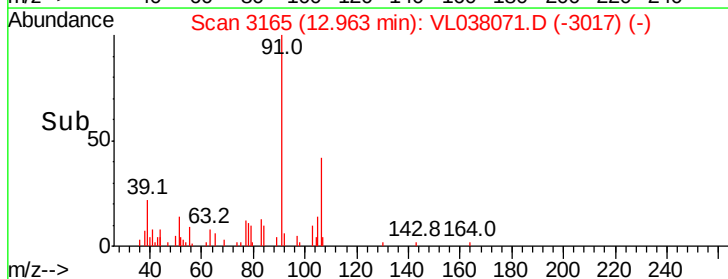
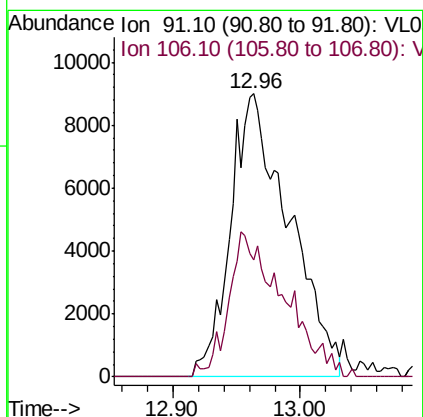
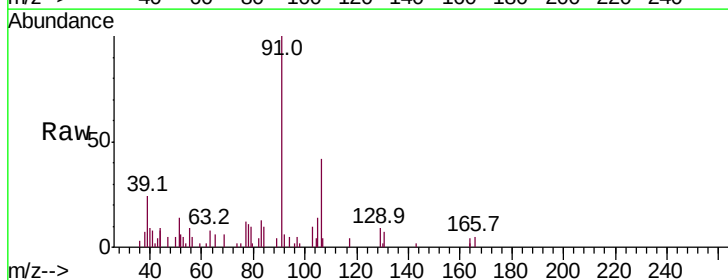
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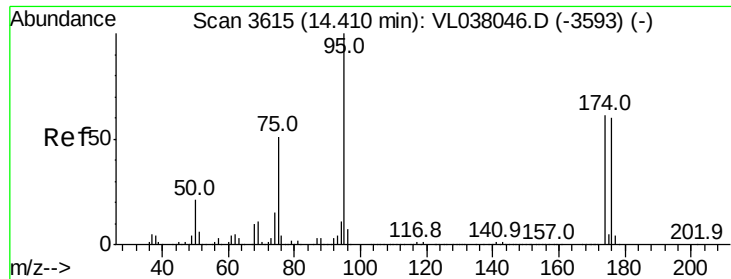
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#59
m/p-Xylene
Concen: 0.106 ppbv m
RT: 12.96 min Scan# 3165
Delta R.T. -0.03 min
Lab File: VL038071.D
Acq: 19 Nov 2021 2:19

Tgt Ion: 91 Resp: 28776
Ion Ratio Lower Upper
91 100
106 0.0 38.1 57.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.234 ppbv
 RT: 14.41
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SVP-1
 Acq: 19 Nov 2021 2:19

Tot Ion:
 Ion Rati
 95 100
 174 65.
 175 4.

Manual Integrations
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