

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038074.D
 Acq On : 19 Nov 2021 4:12
 Operator : SY/AP
 Sample : M4751-02DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 20:54:58 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	5.66	49	753314	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2230434	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1913716	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1445677	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	431781	6.611	ppbv	99
19) Isopropyl Alcohol	3.98	45	22362m	0.474	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	109886	1.104	ppbv	89
34) 2-Butanone	5.26	43	46464m	0.517	ppbv	
36) Benzene	6.88	78	27337	0.123	ppbv #	91
38) Trichloroethene	7.83	130	522911	6.231	ppbv	97
50) 4-Methyl-2-Pentanone	8.76	43	48412m	0.354	ppbv	
52) Tetrachloroethene	11.24	164	10746816	130.542	ppbv	88

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

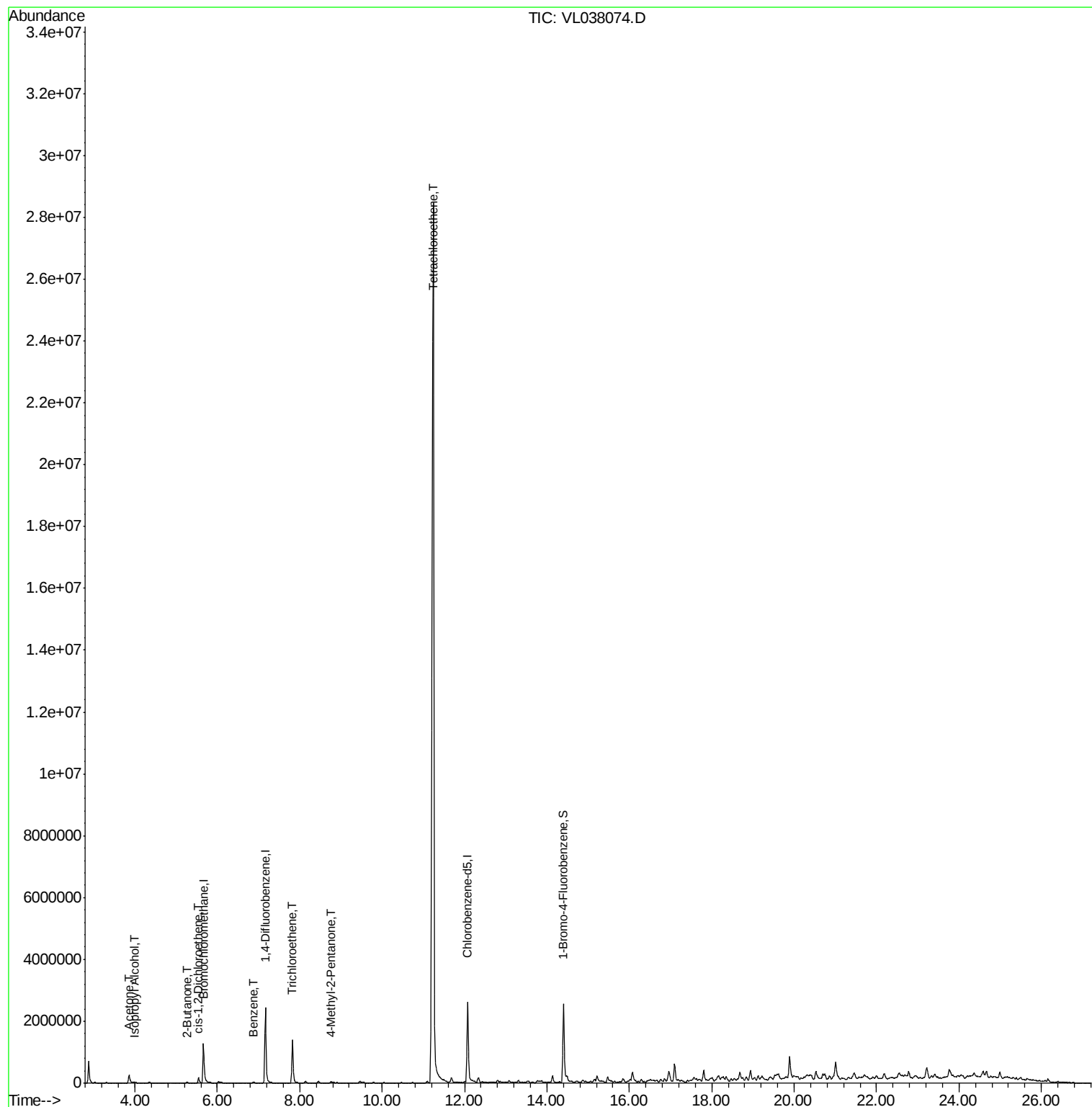
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038074.D
Acq On : 19 Nov 2021 4:12
Operator : SY/AP
Sample : M4751-02DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

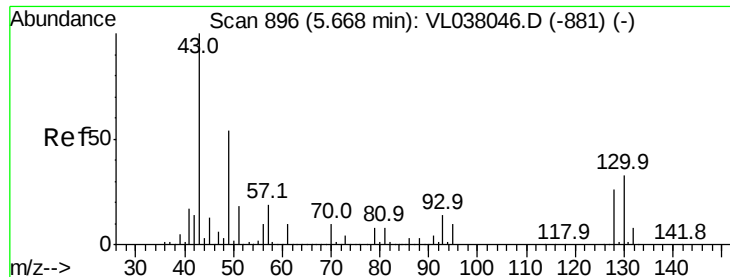
Instrument :
MSVOA_L
ClientSampleId :
SVP-2DL

Manual Integrations
APPROVED

Quant Time: Nov 25 20:54:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 4:12

Tot Ion:

Ion Ratio

49 100

128 51.

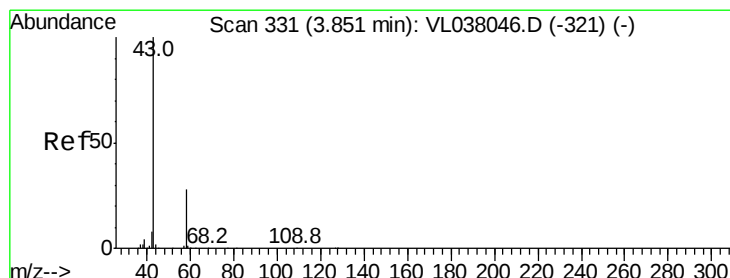
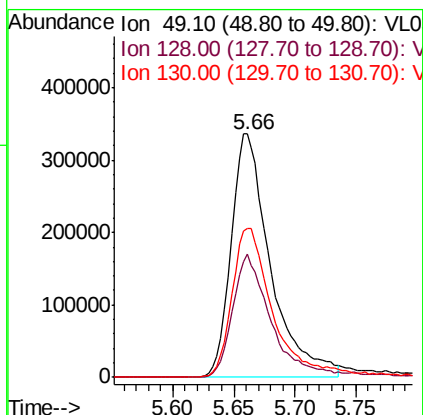
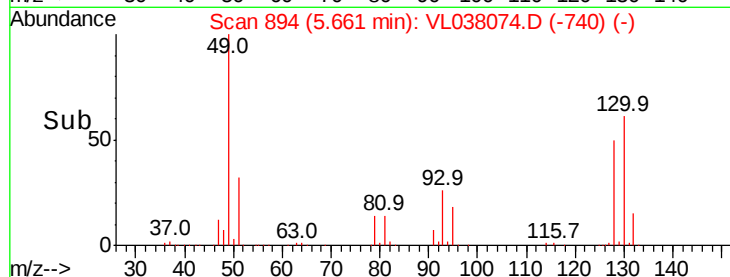
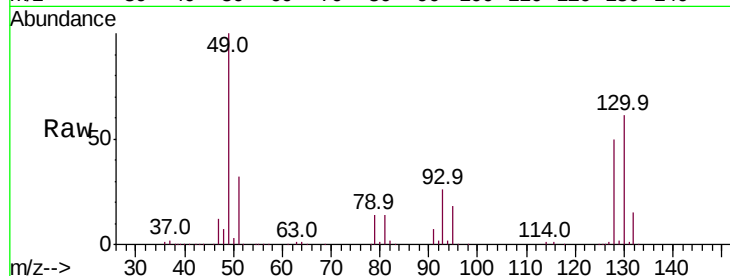
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#15

Acetone

Concen: 6.611 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL038074.D

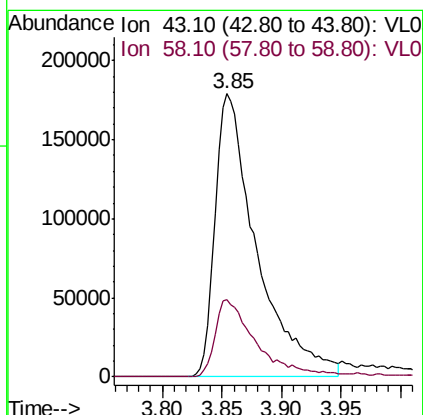
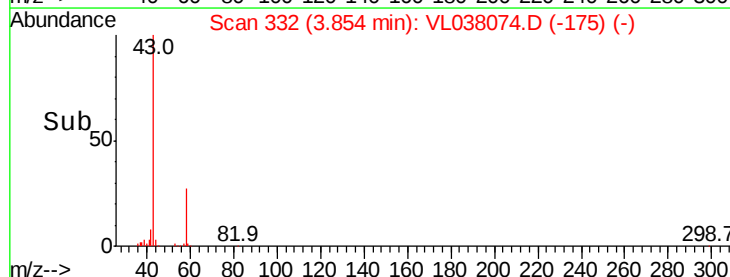
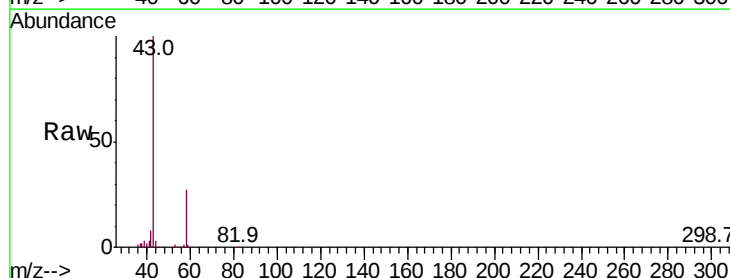
Acq: 19 Nov 2021 4:12

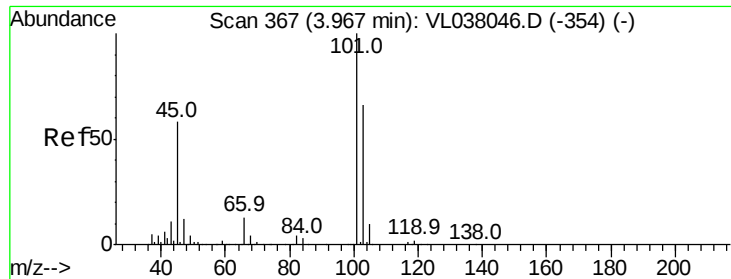
Tgt Ion: 43 Resp: 431781

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6





#19

Isopropyl Alcohol

Concen: 0.474 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 4:12 SVP-2DL

Tot Ion:

Ion Ratio

45 100

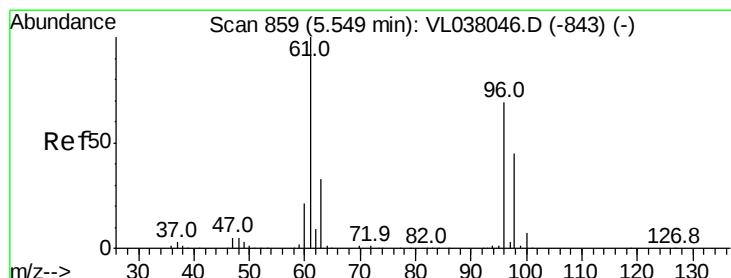
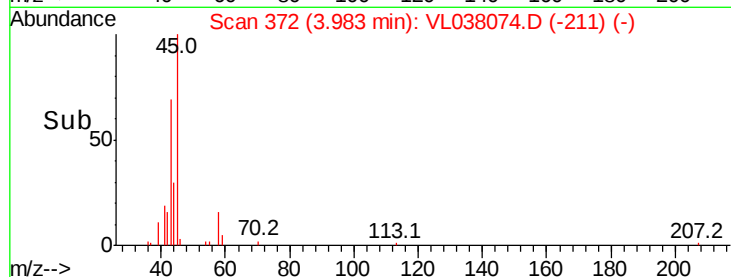
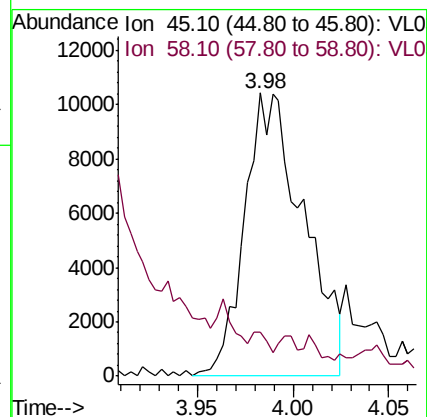
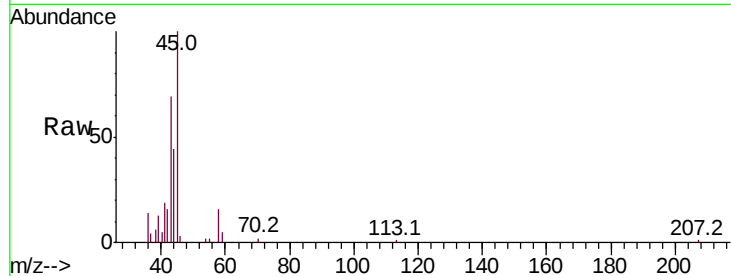
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#31

cis-1,2-Dichloroethene

Concen: 1.104 ppbv

RT: 5.54 min Scan# 856

Delta R.T. -0.01 min

Lab File: VL038074.D

Acq: 19 Nov 2021 4:12

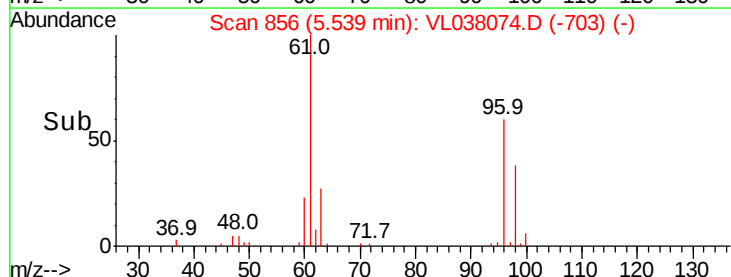
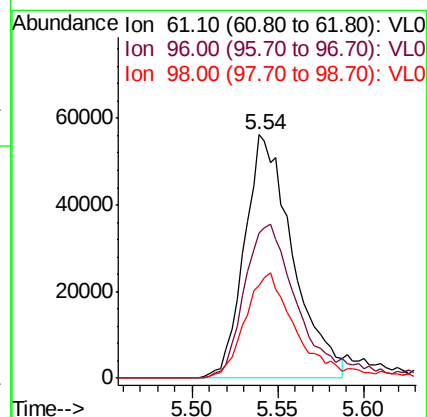
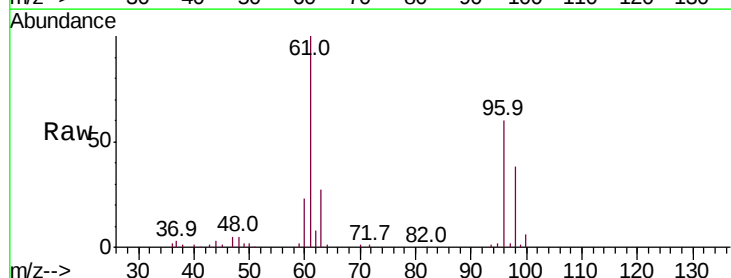
Tgt Ion: 61 Resp: 109886

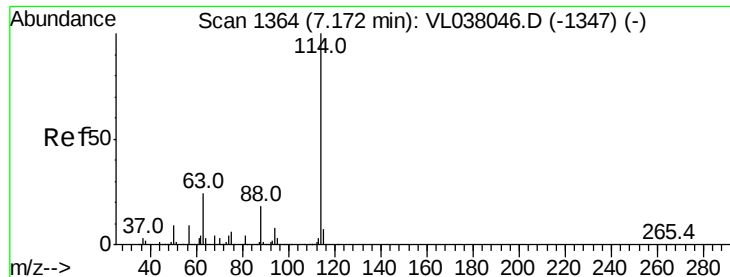
Ion Ratio Lower Upper

61 100

96 59.6 55.4 83.2

98 38.0 35.7 53.5



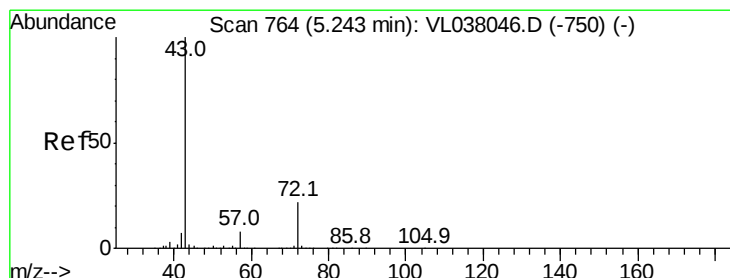
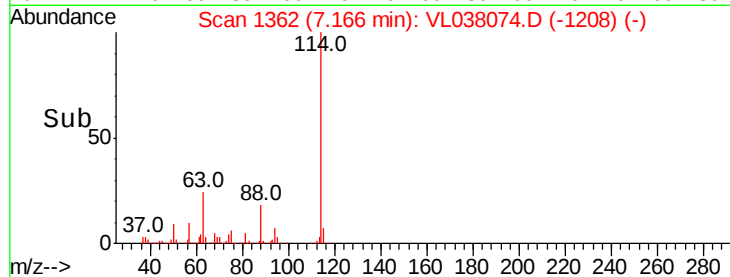
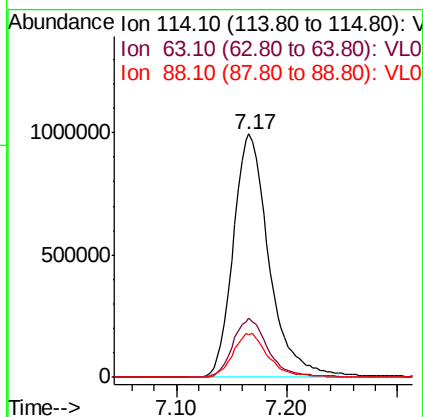
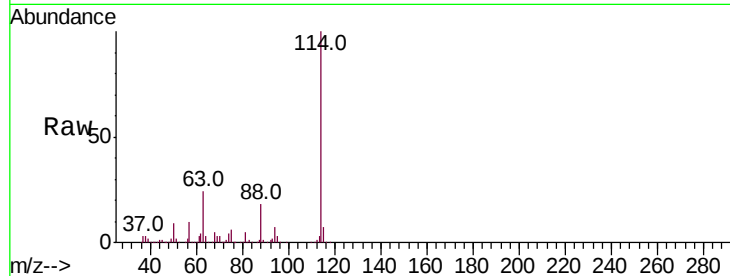


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-2DL
 Acq: 19 Nov 2021 4:12

Tot Ion: 1
 Ion Ratio
 114 100
 63 24.
 88 18.

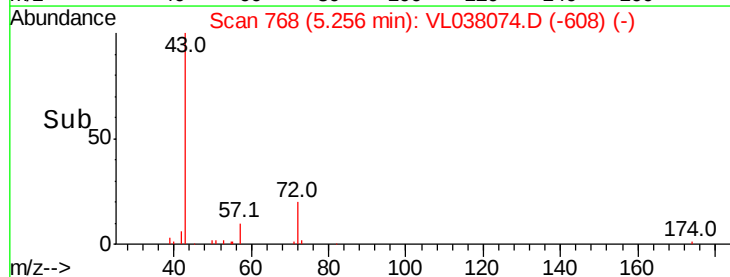
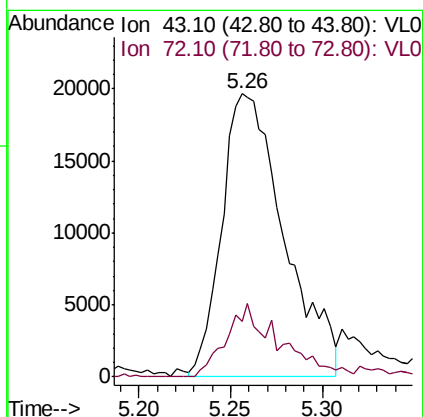
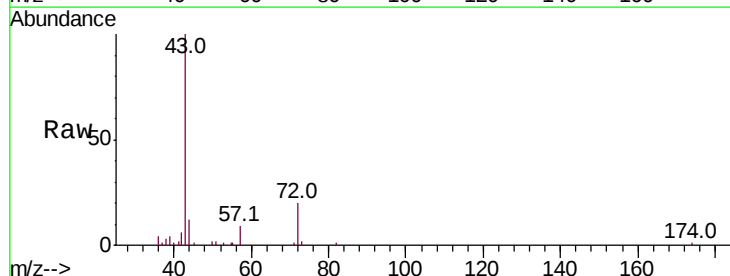
Manual Integrations
 APPROVED

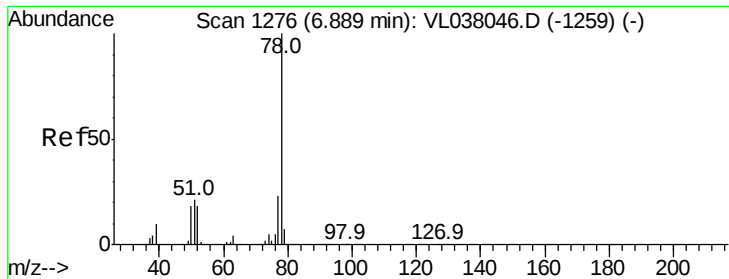
Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 0.517 ppbv m
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL038074.D
 Acq: 19 Nov 2021 4:12

Tgt Ion: 43 Resp: 46464
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.8 28.2





#36

Benzene

Concen: 0.123 ppbv

RT: 6.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 4:12 SVP-2DL

Tot Ion:

Ion Ratio

78 100

77 17.

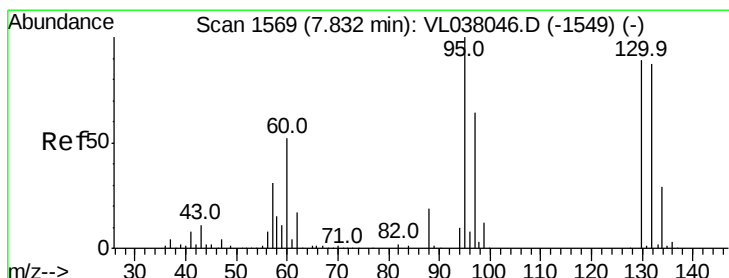
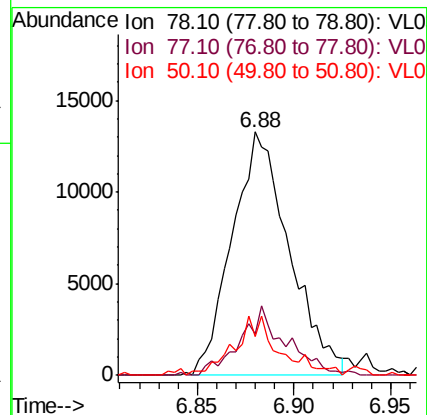
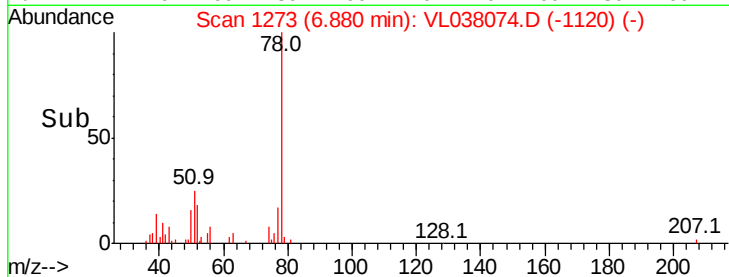
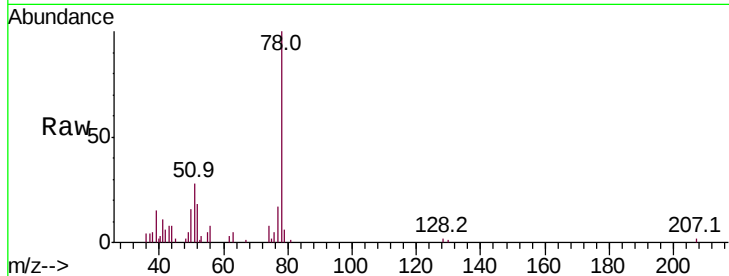
50 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#38

Trichloroethene

Concen: 6.231 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VL038074.D

Acq: 19 Nov 2021 4:12

Tgt Ion:130 Resp: 522911

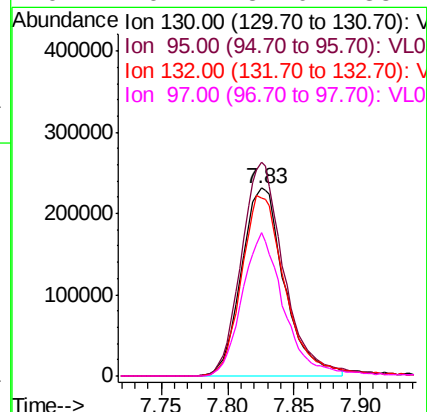
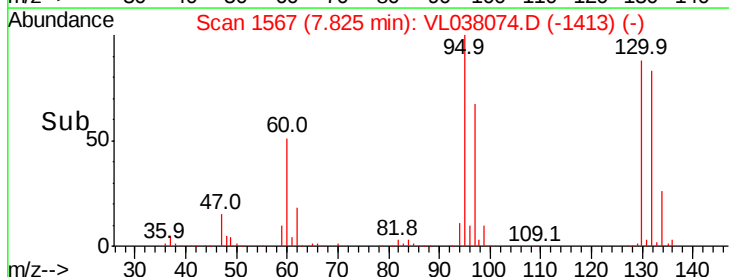
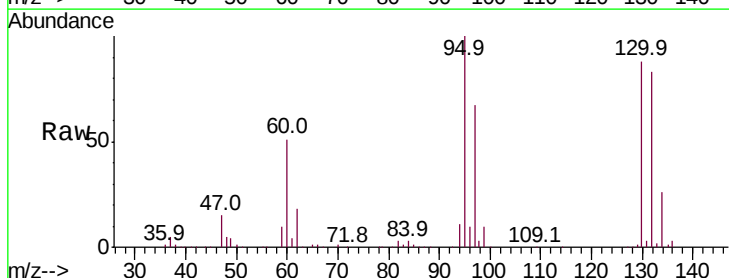
Ion Ratio Lower Upper

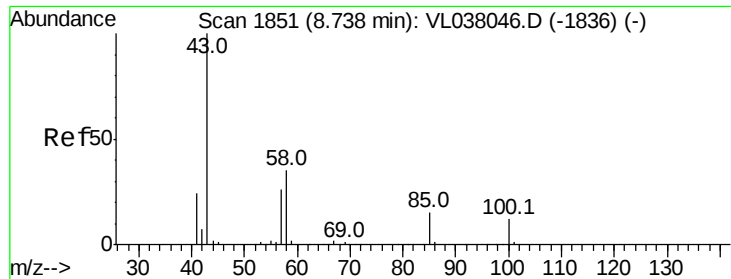
130 100

95 113.6 89.4 134.2

132 94.8 78.2 117.2

97 76.2 57.0 85.4



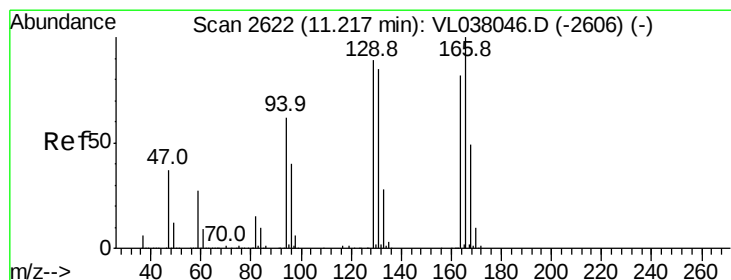
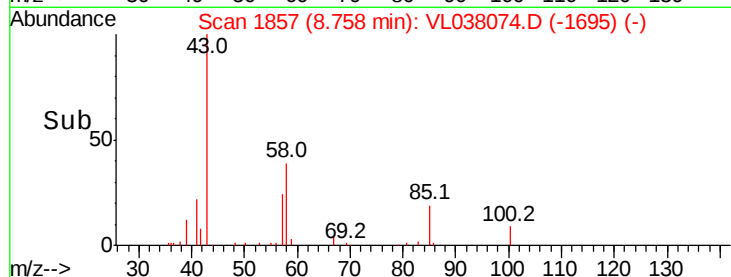
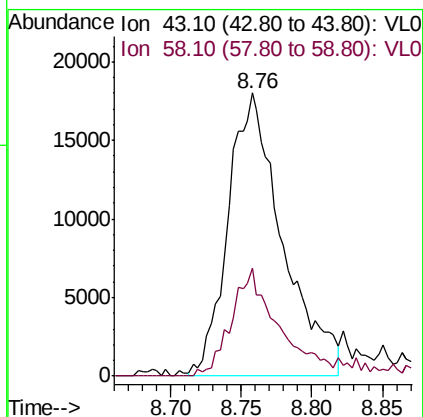
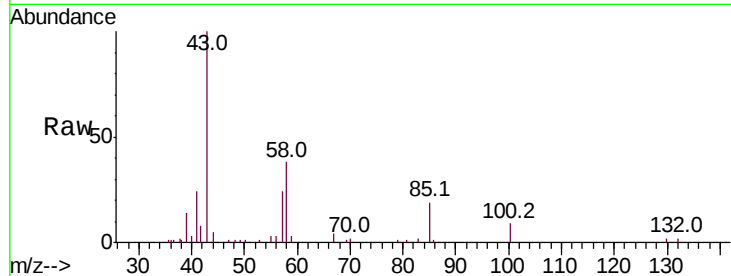


#50
4-Methyl-2-pentanone
Concen: 0.354 ppbv m
RT: 8.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVP-2DL
Acq: 19 Nov 2021 4:12

Tot Ion:
Ion Ratio
43 100
58 36.

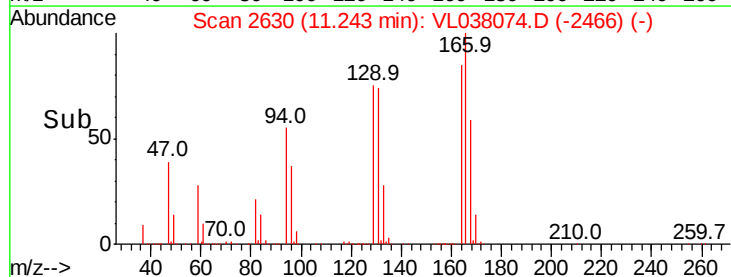
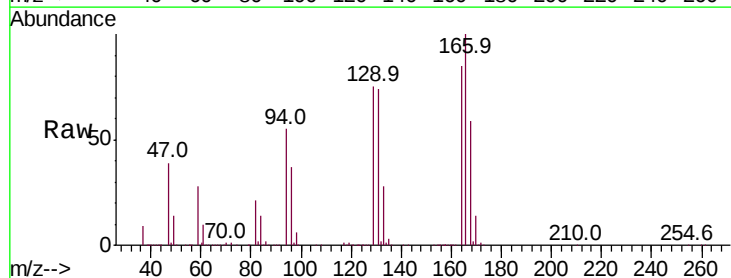
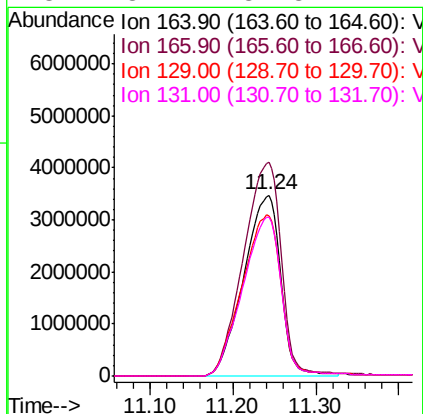
Manual Integrations
APPROVED

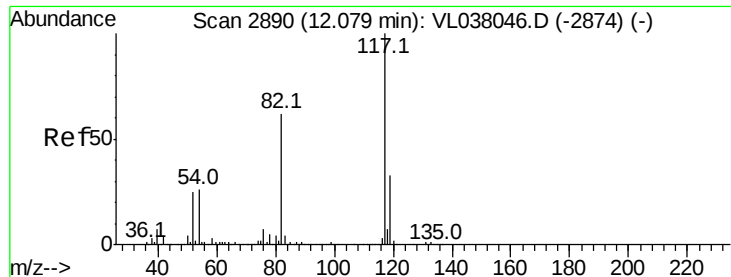
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
Tetrachloroethene
Concen: 130.542 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.03 min
Lab File: VL038074.D
Acq: 19 Nov 2021 4:12

Tgt Ion:164 Resp:10746816
Ion Ratio Lower Upper
164 100
166 118.3 97.2 145.8
129 88.3 86.9 130.3
131 87.7 82.8 124.2



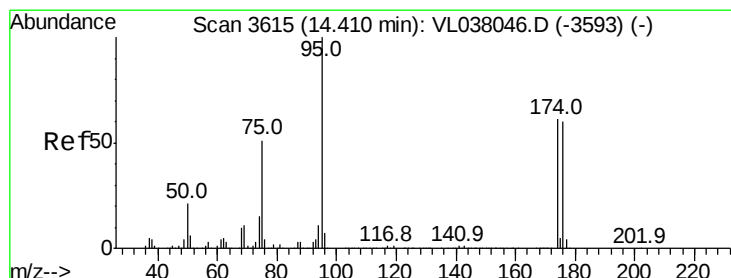
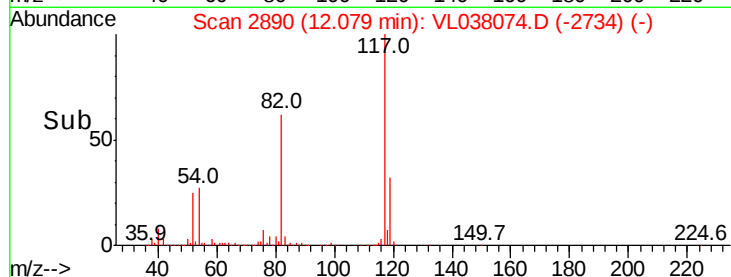
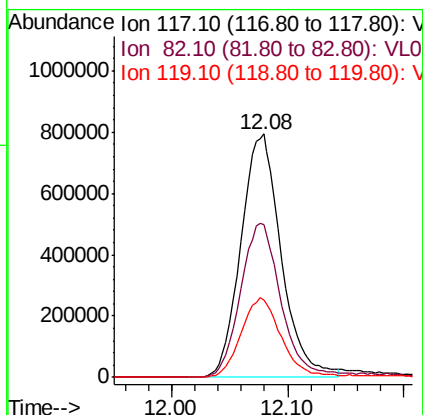
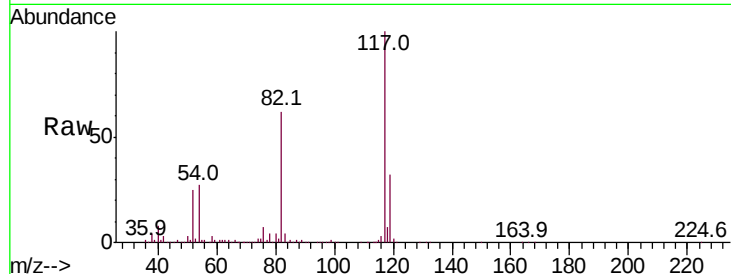


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVP-2DL
Acq: 19 Nov 2021 4:12

Tot Ion: 1
Ion Ratio
117 100
82 66.
119 34.

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 10.473 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.01 min
Lab File: VL038074.D
Acq: 19 Nov 2021 4:12

Tgt Ion: 95 Resp: 1445677
Ion Ratio Lower Upper
95 100
174 64.6 53.1 79.7
175 4.5 4.0 6.0

