

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
 Data File : VL037895.D
 Acq On : 25 Oct 2021 15:47
 Operator : SY/AP
 Sample : M4339-02 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-EFFLUENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 26 00:10:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1483428	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4301915	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3719757	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2580139	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	3.03	41	13268m	0.127	ppbv	
13) Ethanol	3.63	45	29573m	3.448	ppbv	
15) Acetone	3.88	43	69017m	0.518	ppbv	
20) Methylene Chloride	4.36	84	167201	2.485	ppbv	98
26) Hexane	5.70	57	66685	0.362	ppbv #	43
31) cis-1,2-Dichloroethene	5.56	61	47975	0.287	ppbv #	86
32) 1,1,1-Trichloroethane	6.52	97	11518	0.046	ppbv #	74
52) Tetrachloroethene	11.23	164	5343m	0.037	ppbv	
53) Toluene	9.82	91	47801m	0.117	ppbv	

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

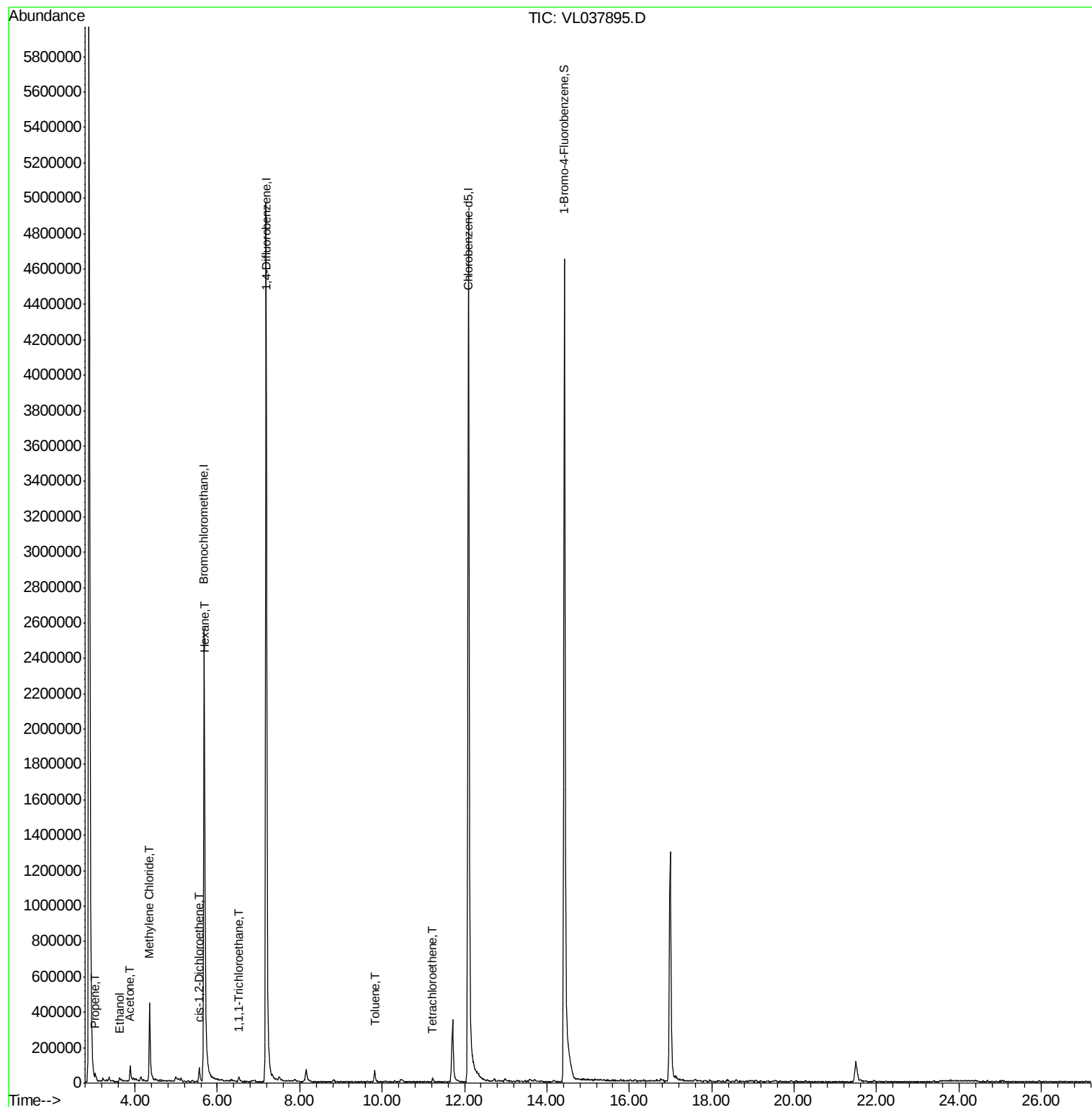
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
Data File : VL037895.D
Acq On : 25 Oct 2021 15:47
Operator : SY/AP
Sample : M4339-02 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

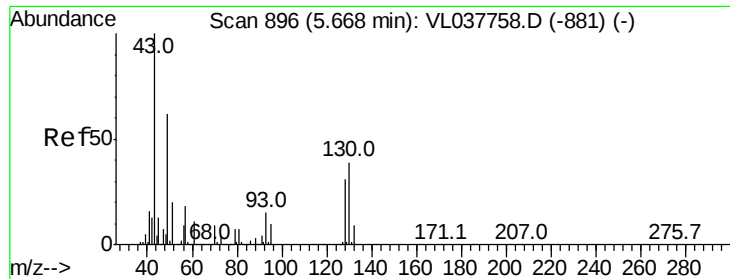
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENT

Quant Time: Oct 26 00:10:15 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 15:47 SVE-EFFLUENT

Tot Ion:

Ion Ratio

49 100

128 54.

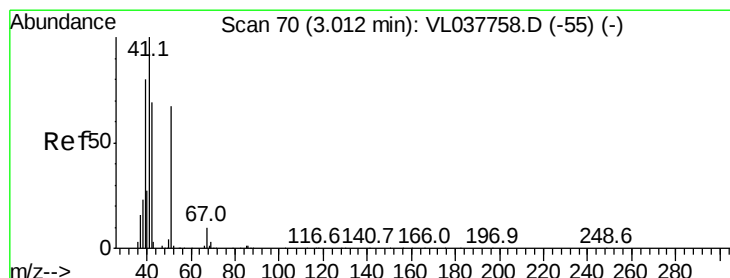
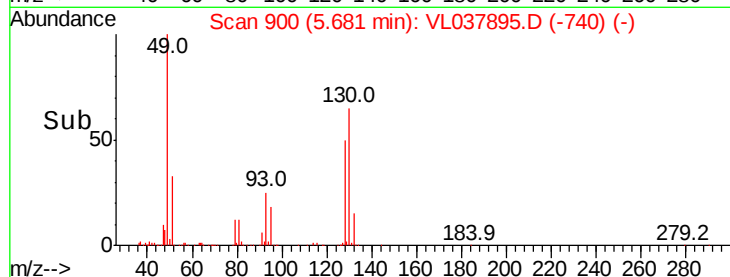
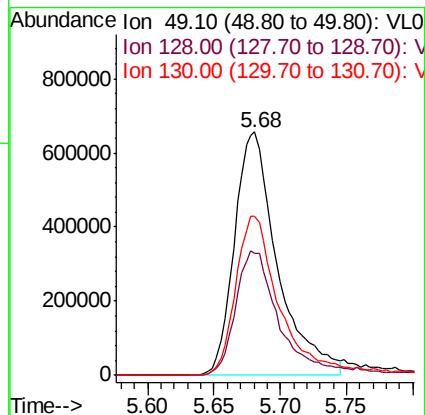
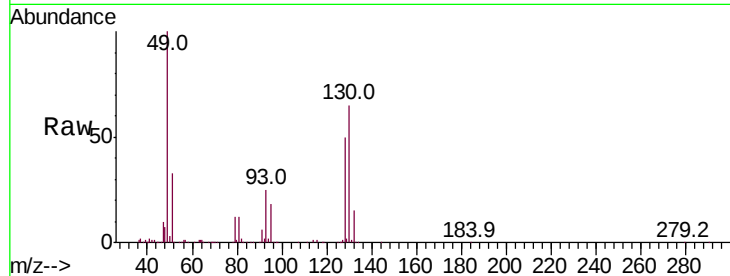
130 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#9

Propene

Concen: 0.127 ppbv m

RT: 3.03 min Scan# 77

Delta R.T. 0.02 min

Lab File: VL037895.D

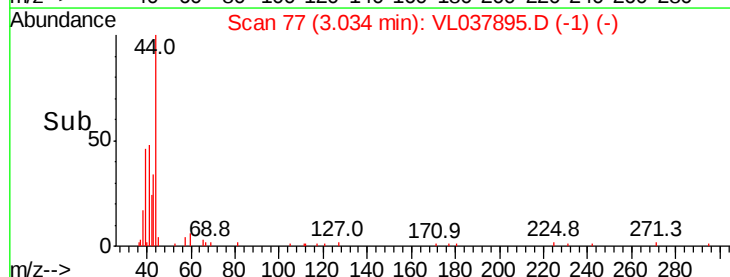
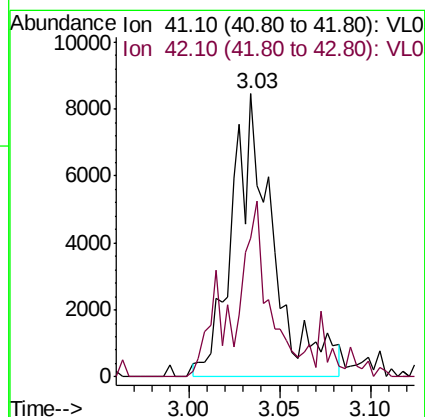
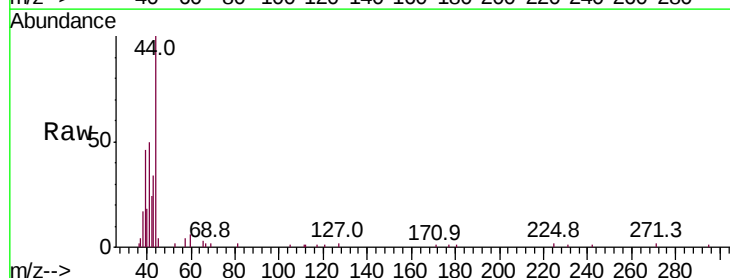
Acq: 25 Oct 2021 15:47

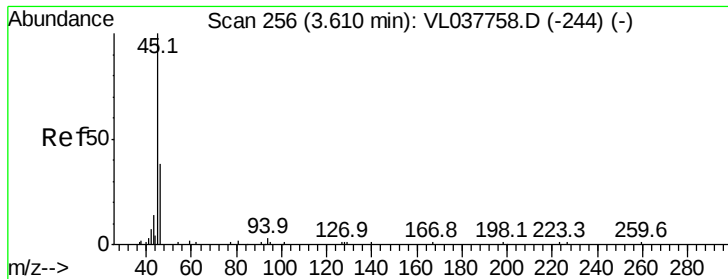
Tgt Ion: 41 Resp: 13268

Ion Ratio Lower Upper

41 100

42 6.7 54.2 81.2#



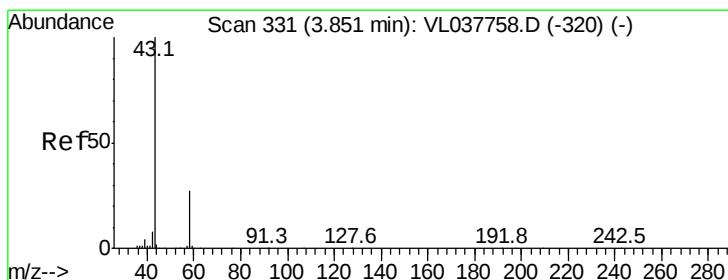
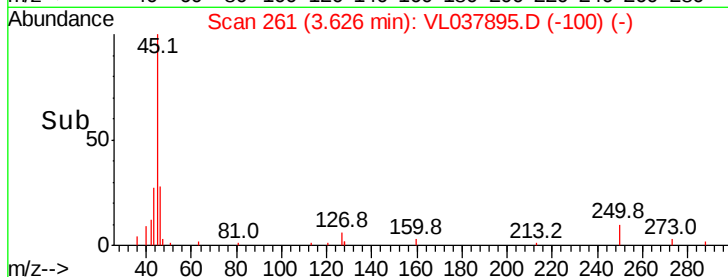
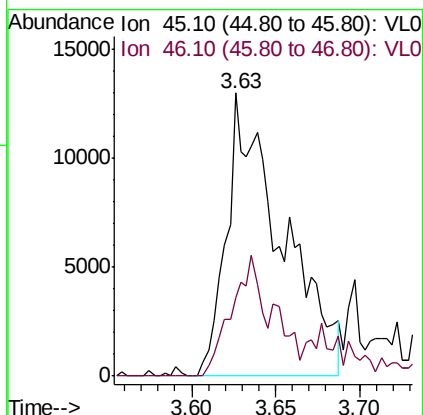
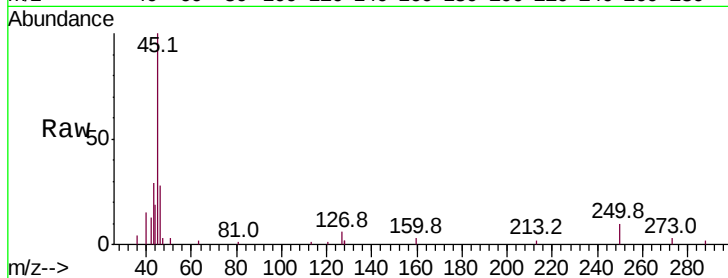


#13
Ethanol
Concen: 3.448 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 15:47 SVE-EFFLUENT

Tot Ion:
Ion Ratio
45 100
46 0.

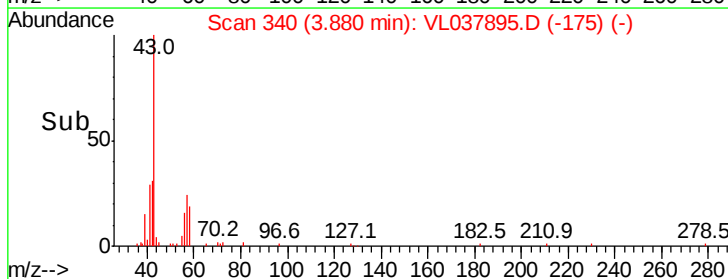
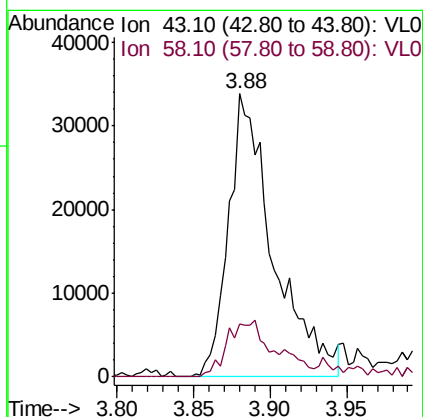
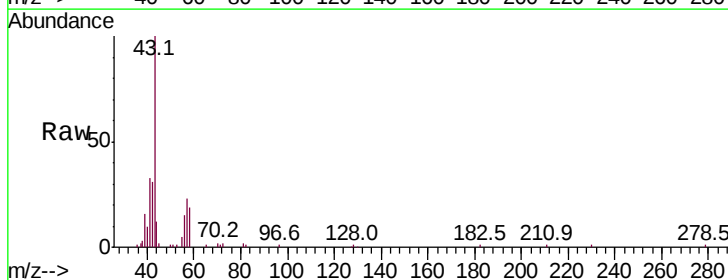
Manual Integrations
APPROVED

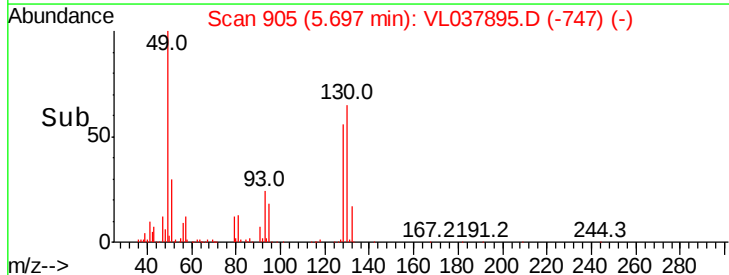
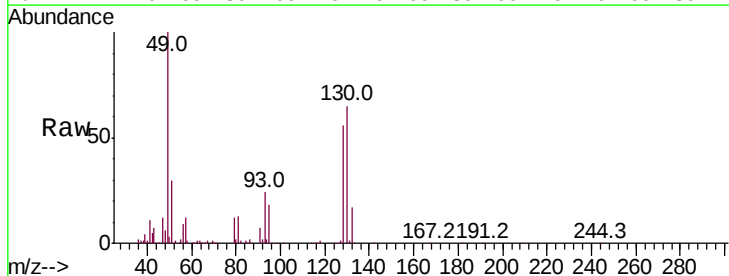
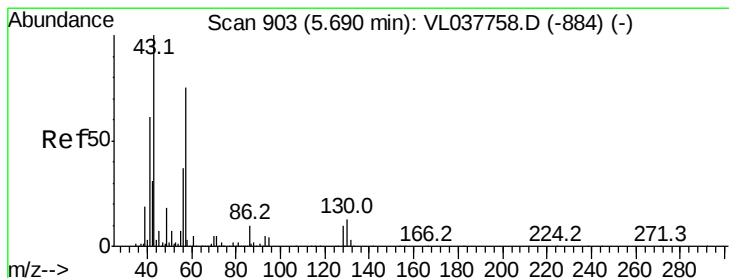
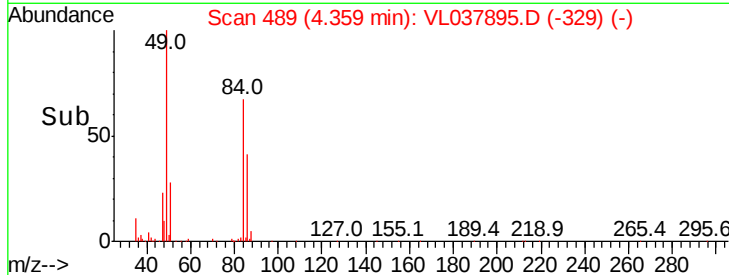
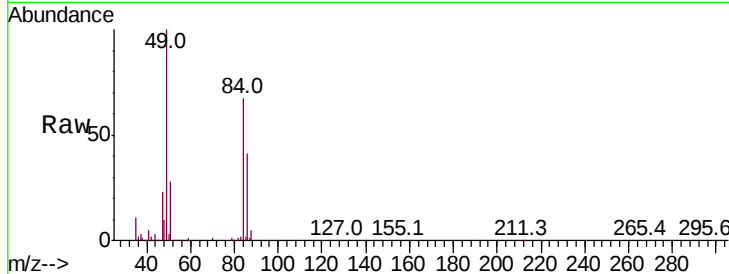
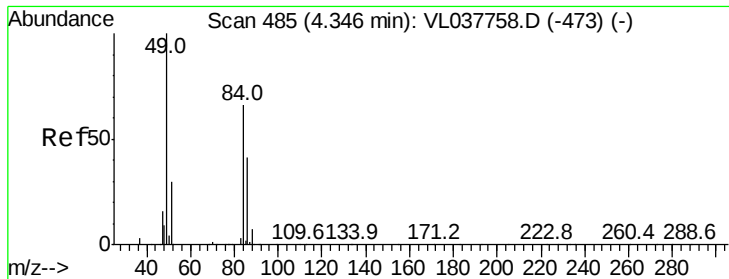
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#15
Acetone
Concen: 0.518 ppbv m
RT: 3.88 min Scan# 340
Delta R.T. 0.03 min
Lab File: VL037895.D
Acq: 25 Oct 2021 15:47

Tgt Ion: 43 Resp: 69017
Ion Ratio Lower Upper
43 100
58 23.4 23.0 34.6



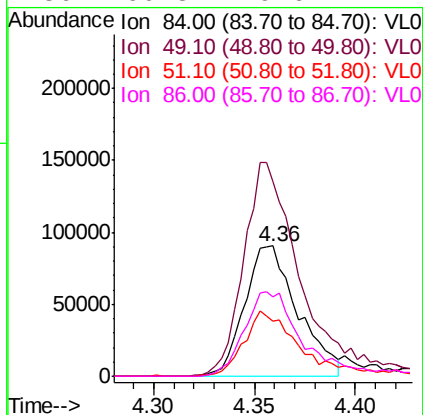


#20
Methvlene Chloride
Concen: 2.485 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Client SampleId:
Lab File: SVE-EFFLUENT
Acq: 25 Oct 2021 15:47

Tot Ion:
Ion Ratio
84 100
49 148.
51 42.
86 60.8 49.6 74.4

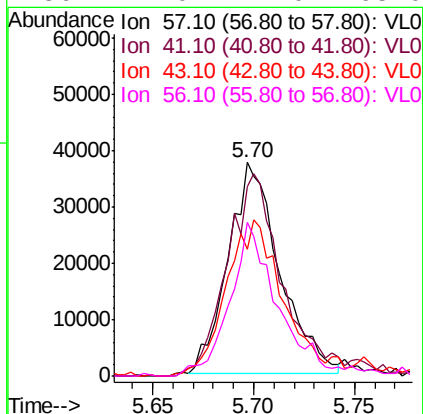
Manual Integrations
APPROVED

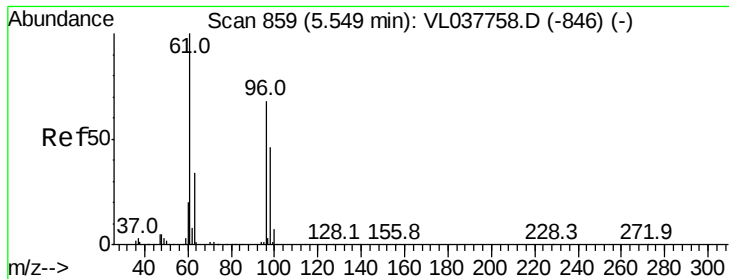
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
Hexane
Concen: 0.362 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL037895.D
Acq: 25 Oct 2021 15:47

Tgt Ion: 57 Resp: 66685
Ion Ratio Lower Upper
57 100
41 108.7 69.6 104.4#
43 90.0 171.4 257.0#
56 71.0 42.0 63.0#





#31

cis-1,2-Dichloroethene

Concen: 0.287 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 15:47 SVE-EFFLUENT

Tot Ion:

Ion Ratio

61 100

96 58.

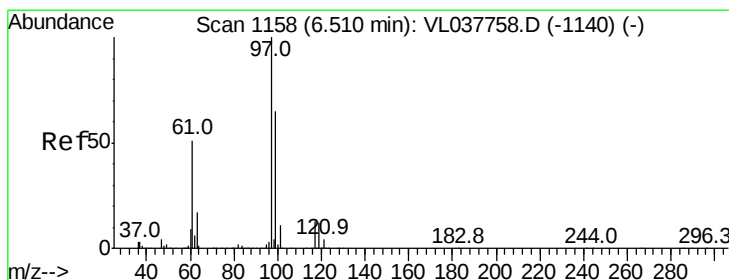
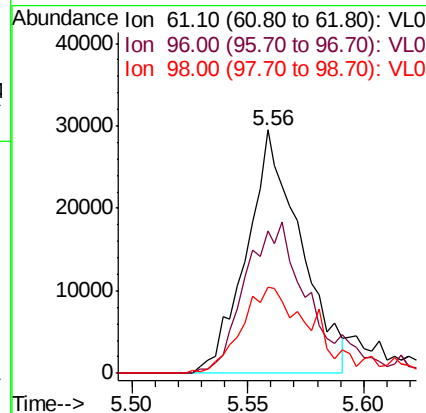
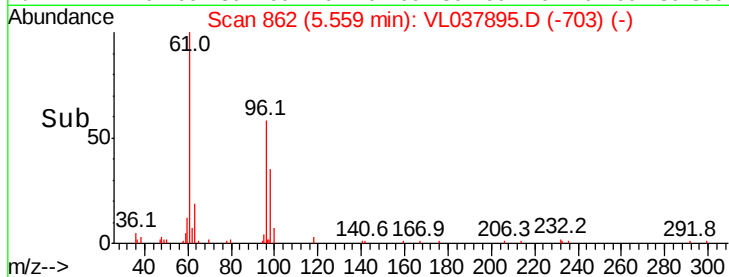
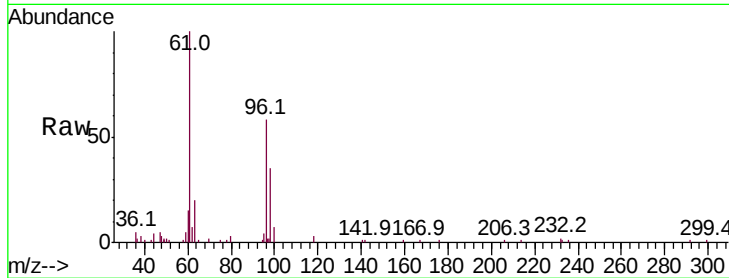
98 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 0.046 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VL037895.D

Acq: 25 Oct 2021 15:47

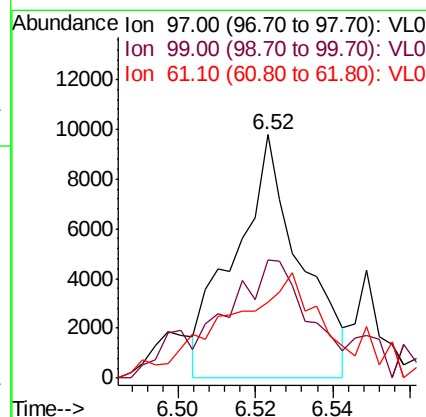
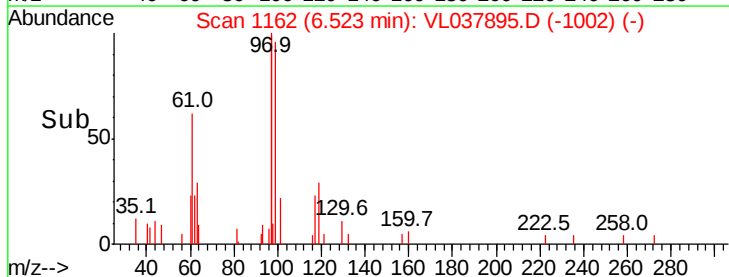
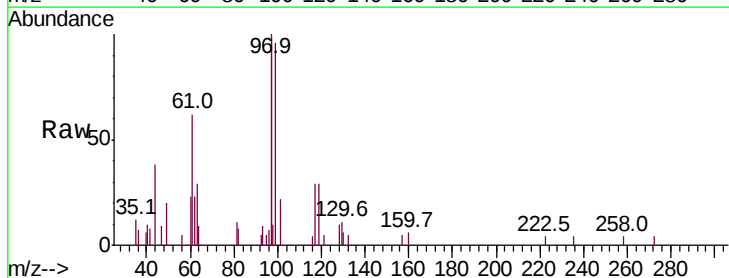
Tgt Ion: 97 Resp: 11518

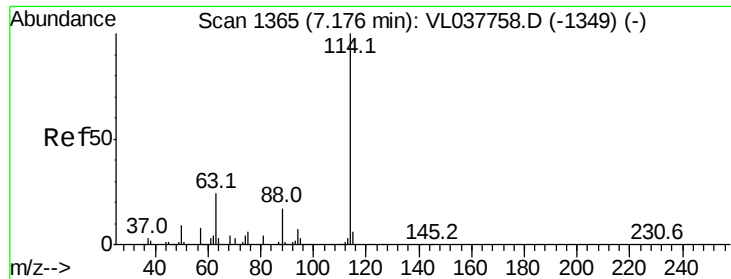
Ion Ratio Lower Upper

97 100

99 82.7 52.6 78.8#

61 71.7 40.2 60.4#



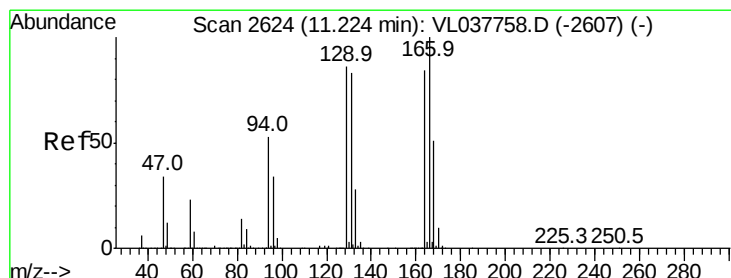
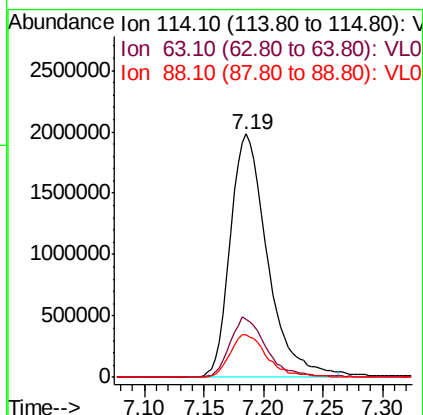
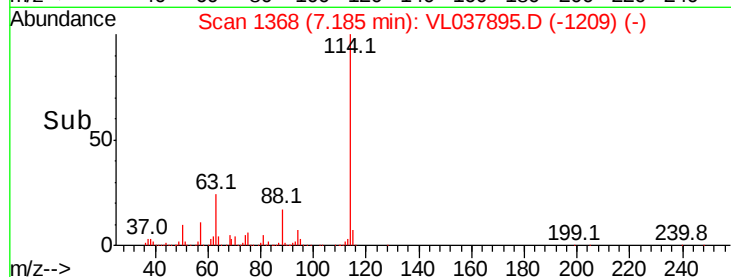
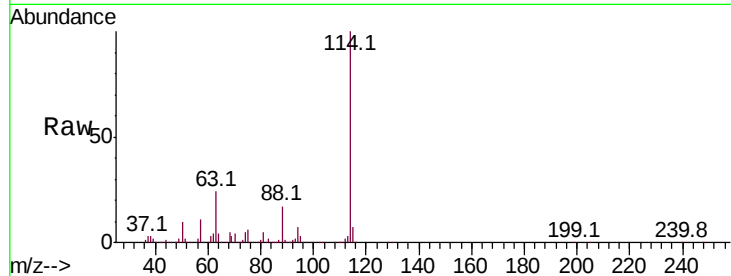


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVE-EFFLUENT
 Acq: 25 Oct 2021 15:47

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 17.

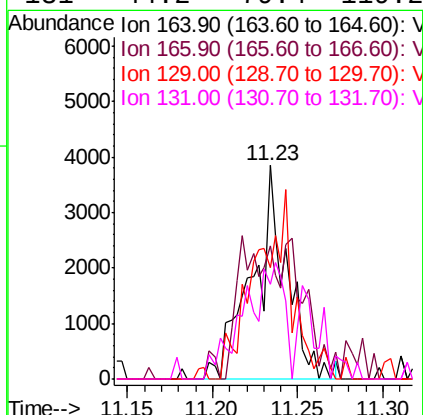
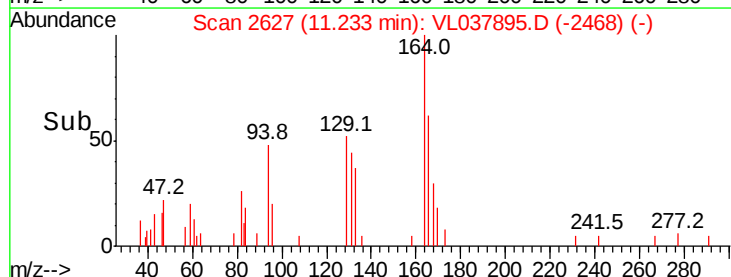
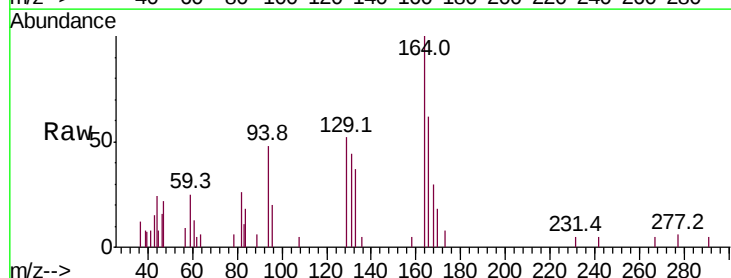
Manual Integrations
 APPROVED

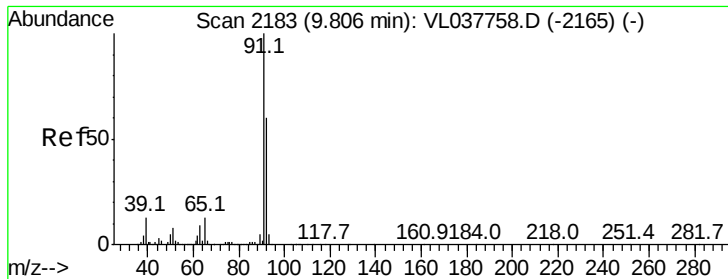
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#52
 Tetrachloroethene
 Concen: 0.037 ppbv m
 RT: 11.23 min Scan# 2627
 Delta R.T. 0.01 min
 Lab File: VL037895.D
 Acq: 25 Oct 2021 15:47

Tgt Ion:164 Resp: 5343
 Ion Ratio Lower Upper
 164 100
 166 62.3 95.4 143.2#
 129 52.4 82.2 123.4#
 131 44.2 79.4 119.2#





#53

Toluene

Concen: 0.117 ppbv m

RT: 9.82 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId:

Acq: 25 Oct 2021 15:47 SVE-EFFLUENT

Tot Ion:

Ion Ratio

91 100

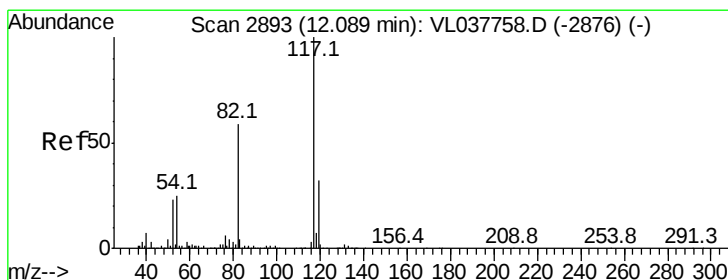
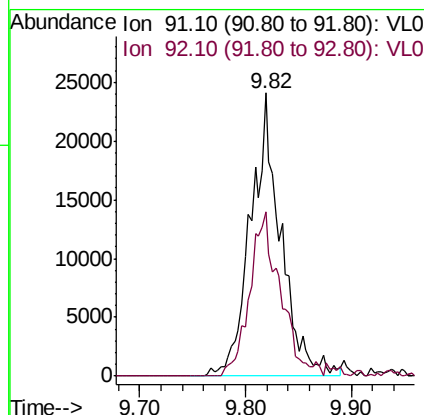
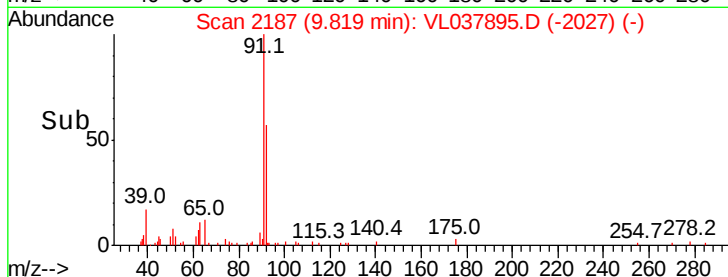
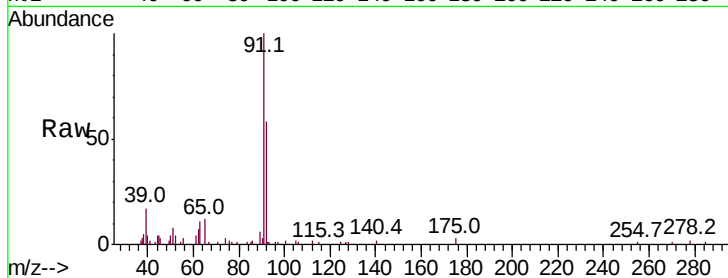
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.01 min

Lab File: VL037895.D

Acq: 25 Oct 2021 15:47

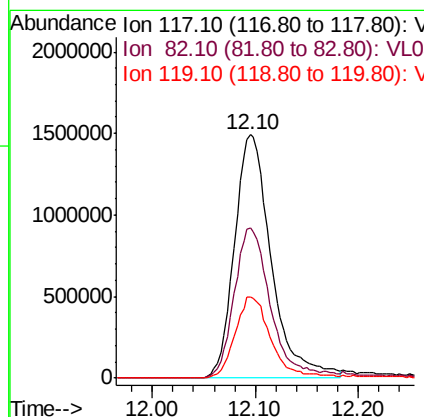
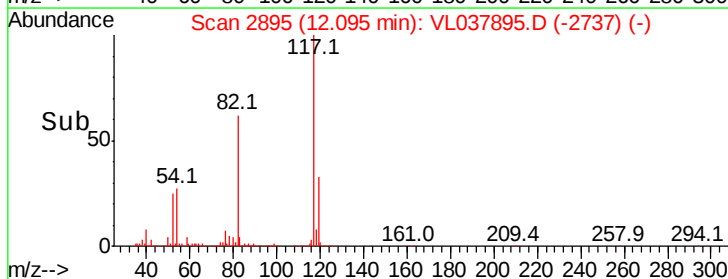
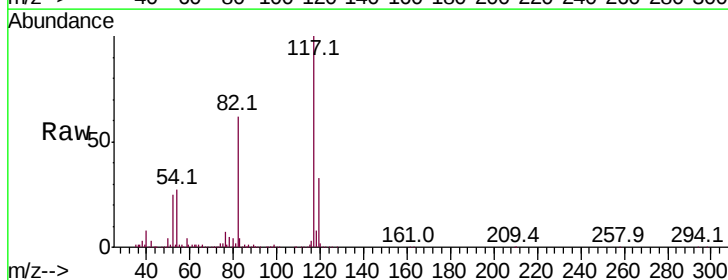
Tgt Ion:117 Resp: 3719757

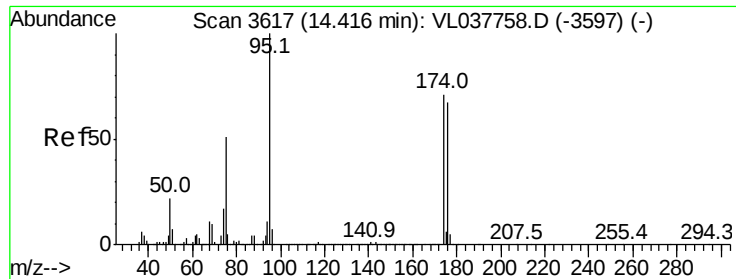
Ion Ratio Lower Upper

117 100

82 65.4 52.2 78.2

119 34.3 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.919 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 15:47

Tot Ion:

Ion Ratio

95 100

174 73.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021

