

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
 Data File : VL037896.D
 Acq On : 25 Oct 2021 16:25
 Operator : SY/AP
 Sample : M4339-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-INFLUENT

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 00:12:08 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	1502675	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4324987	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3636122	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2600854	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	13635m	0.128	ppbv	
13) Ethanol	3.63	45	40245m	4.632	ppbv	
15) Acetone	3.88	43	76578	0.568	ppbv	96
20) Methylene Chloride	4.36	84	193645	2.841	ppbv	96
26) Hexane	5.70	57	74377	0.399	ppbv #	43
31) cis-1,2-Dichloroethene	5.56	61	26977	0.159	ppbv #	85
32) 1,1,1-Trichloroethane	6.53	97	10926m	0.043	ppbv	
38) Trichloroethene	7.84	130	19449m	0.133	ppbv	
52) Tetrachloroethene	11.24	164	141542	0.985	ppbv	97
53) Toluene	9.82	91	40077m	0.098	ppbv	

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

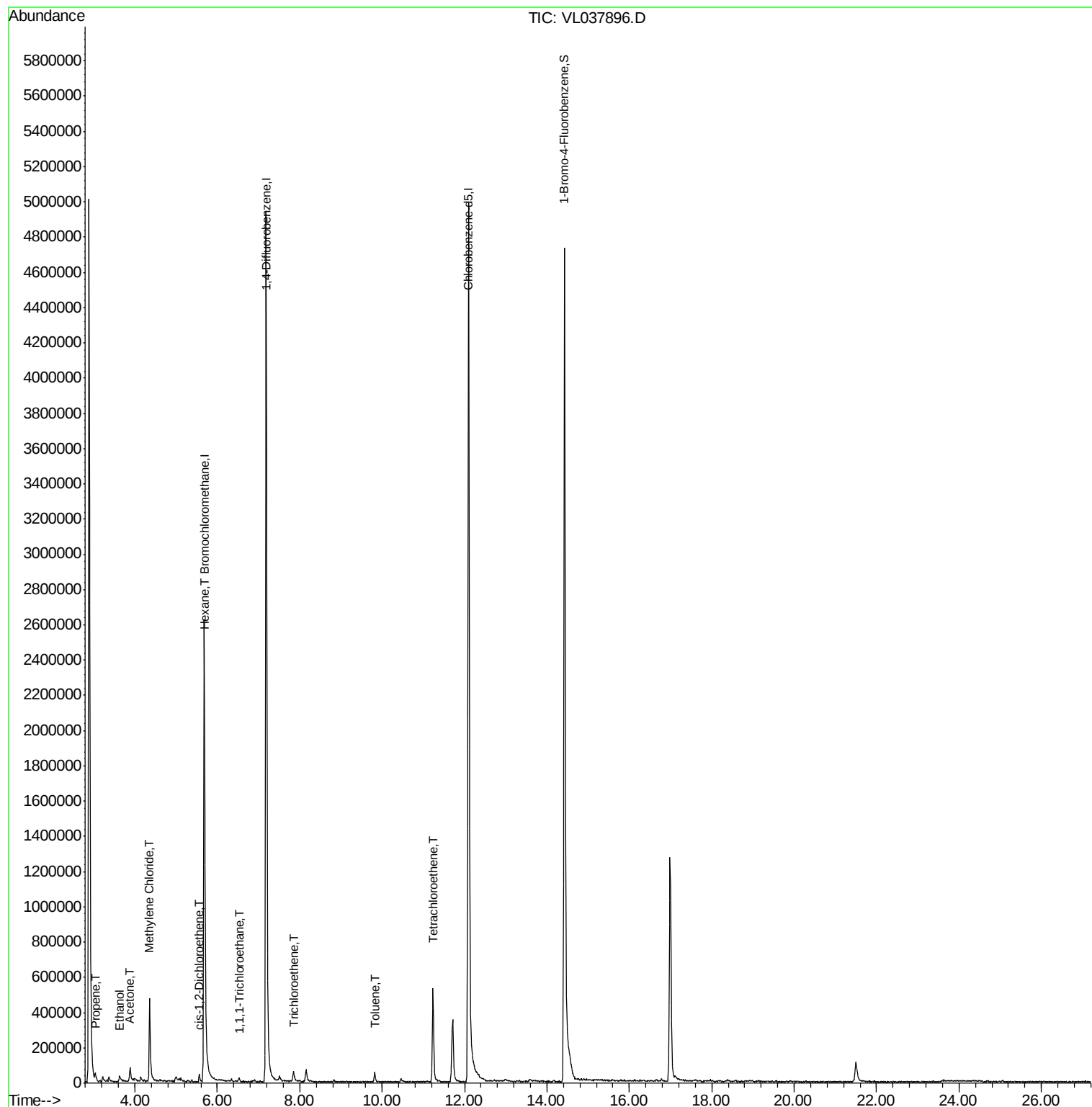
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL102521\
Data File : VL037896.D
Acq On : 25 Oct 2021 16:25
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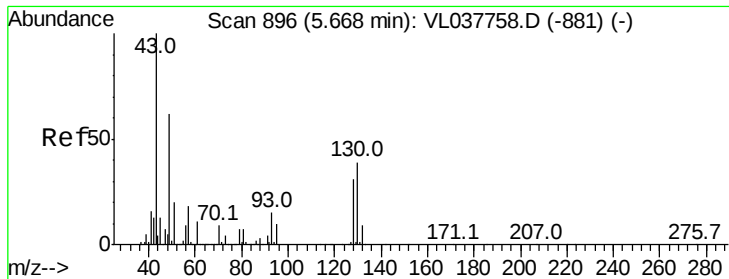
Instrument :
MSVOA_L
ClientSampleId :
SVE-INFLUENT

Quant Time: Oct 26 00:12:08 2021
Quant Method : Z:\V0ASRV\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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 16:25 SVE-INFLUENT

Tot Ion:

Ion Ratio

49 100

128 53.

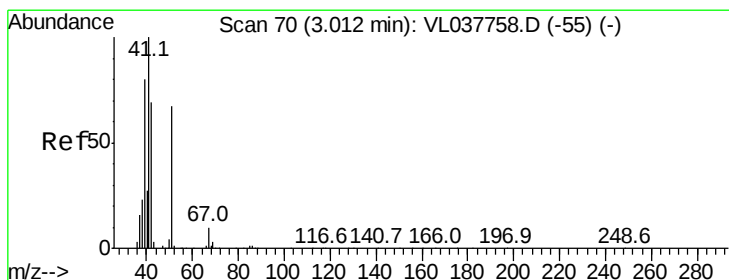
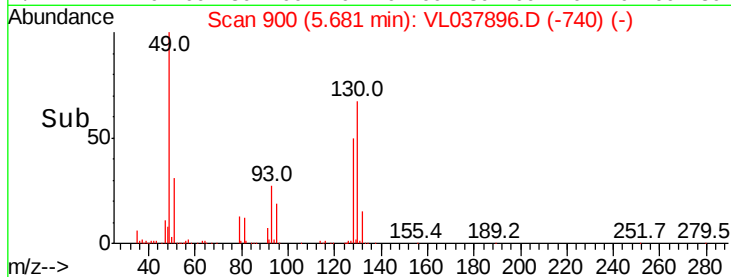
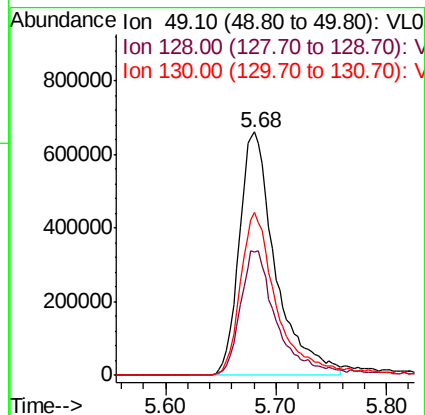
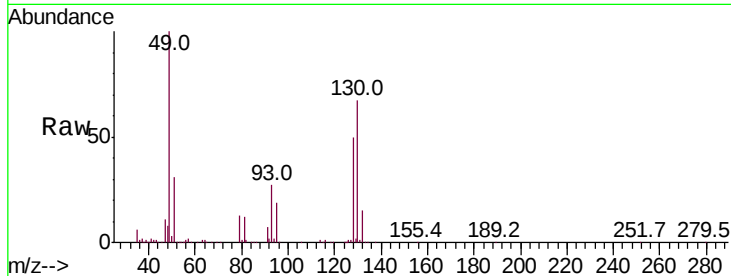
130 68.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#9

Propene

Concen: 0.128 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. 0.03 min

Lab File: VL037896.D

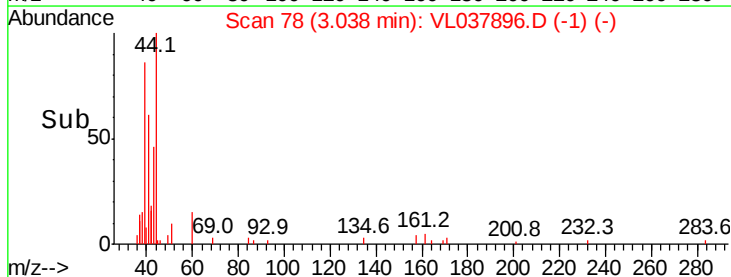
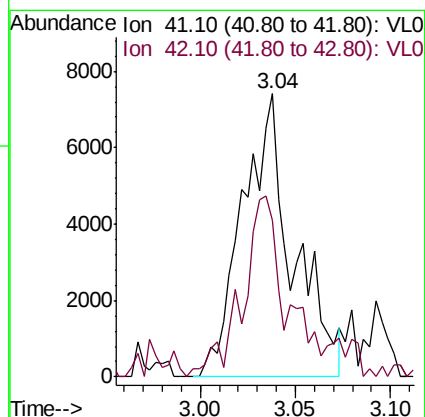
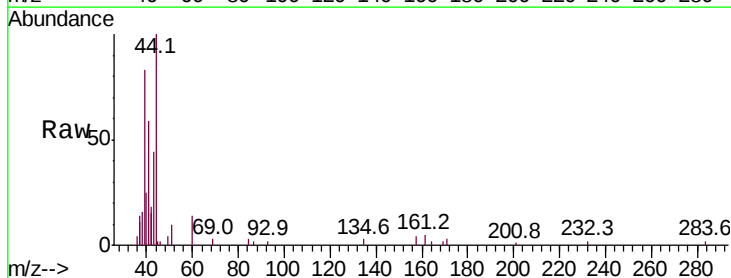
Acq: 25 Oct 2021 16:25

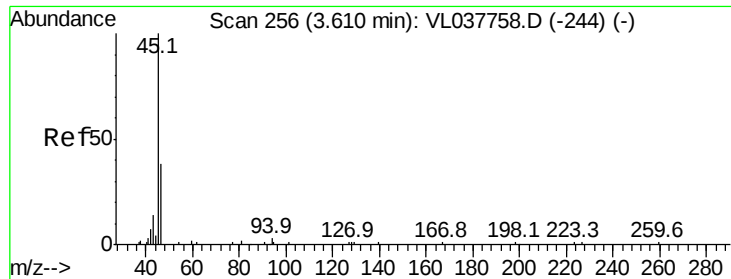
Tgt Ion: 41 Resp: 13635

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#





#13

Ethanol

Concen: 4.632 ppbv m

RT: 3.63

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 16:25 SVE-INFLUENT

Tot Ion:

Ion Ratio

45 100

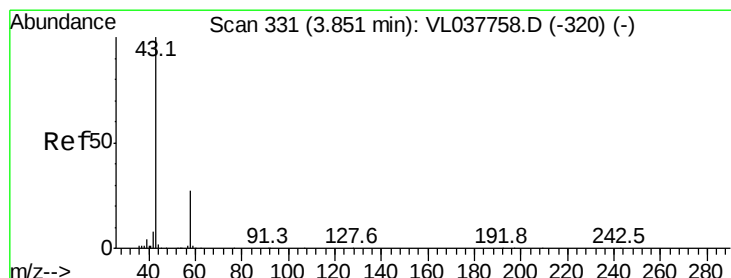
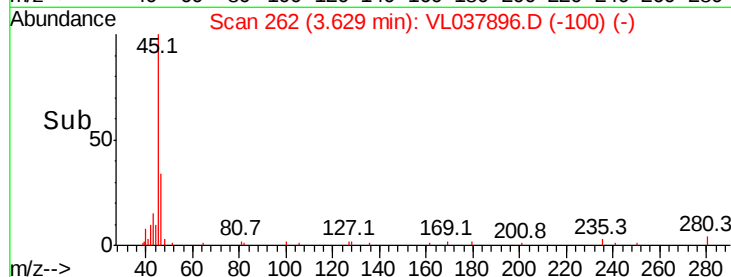
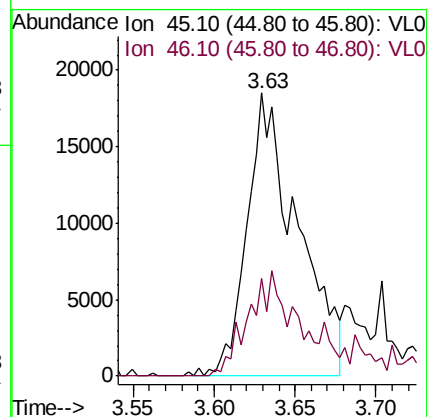
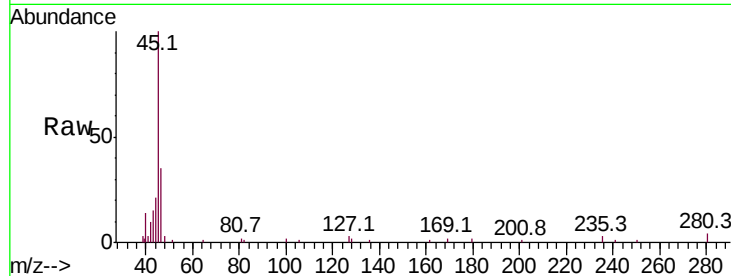
46 46.

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Supervised By :Mahesh Dadoda 10/27/2021



#15

Acetone

Concen: 0.568 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL037896.D

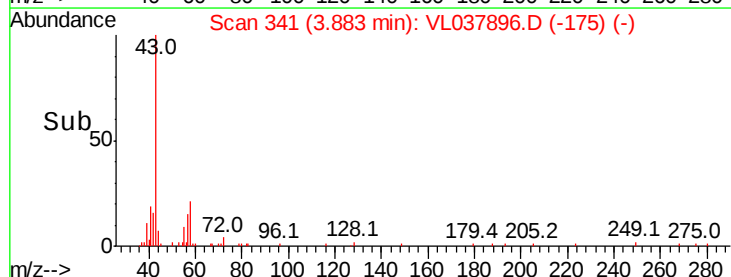
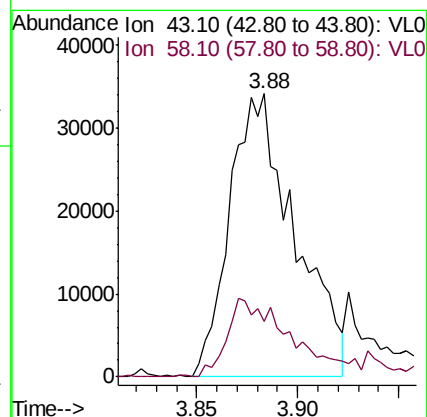
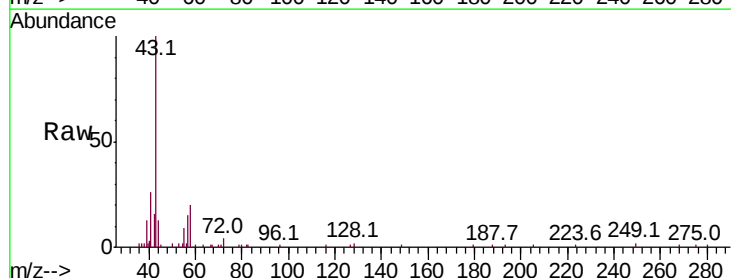
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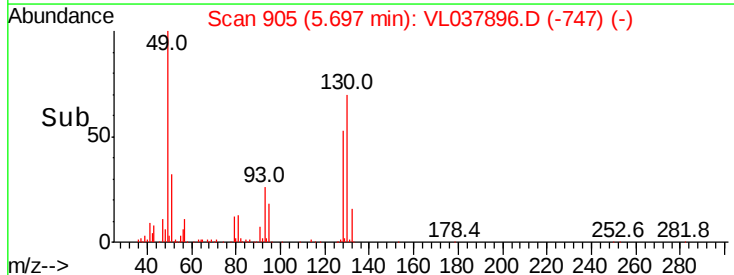
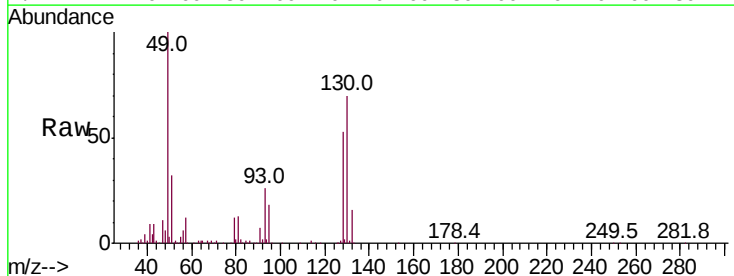
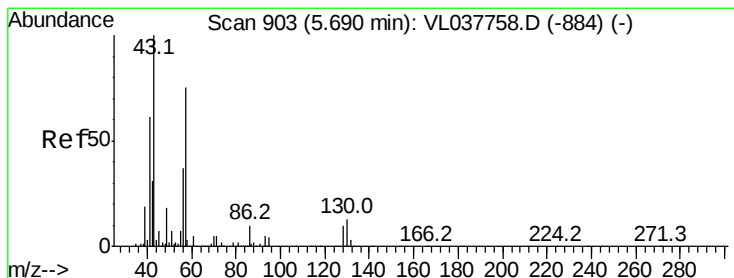
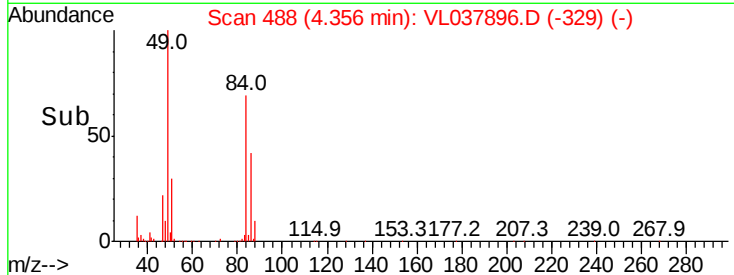
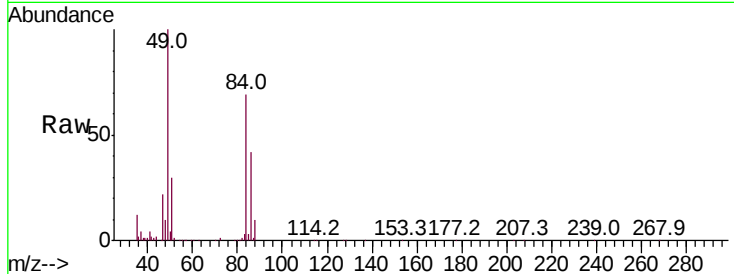
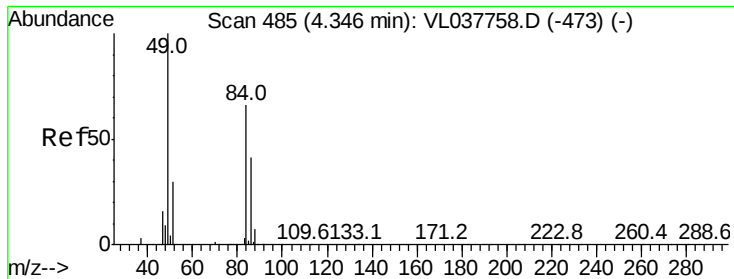
Tgt Ion: 43 Resp: 76578

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.6



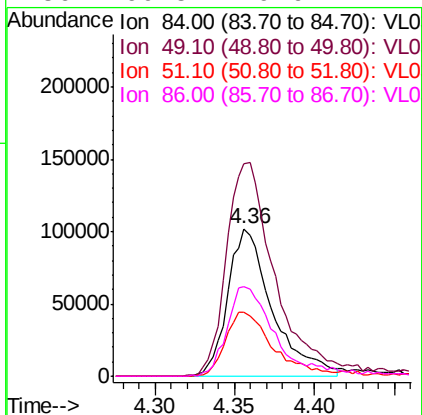


#20
Methvlene Chloride
Concen: 2.841 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 16:25

Tot Ion:
Ion Ratio
84 100
49 143.
51 43.
86 60.5 49.6 74.4

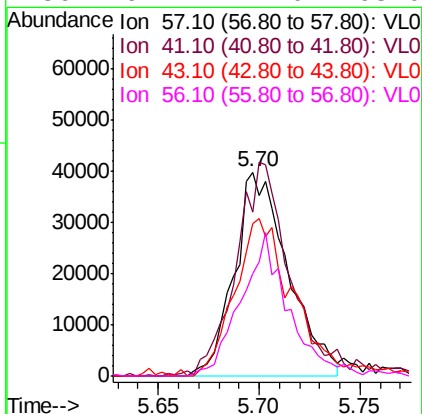
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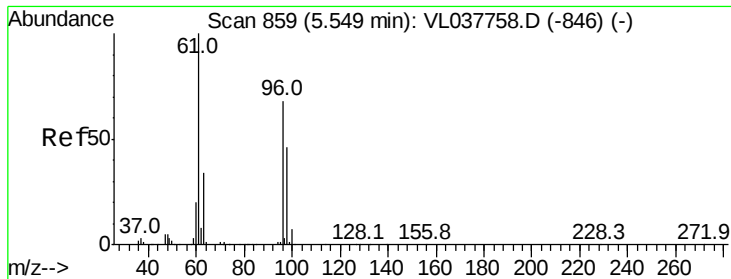
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
Hexane
Concen: 0.399 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL037896.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 57 Resp: 74377
Ion Ratio Lower Upper
57 100
41 109.8 69.6 104.4#
43 87.4 171.4 257.0#
56 64.1 42.0 63.0#





#31

cis-1,2-Dichloroethene

Concen: 0.159 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 16:25 SVE-INFLUENT

Tot Ion:

Ion Ratio

61 100

96 62.

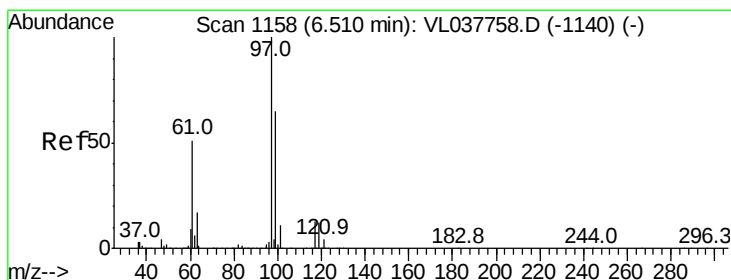
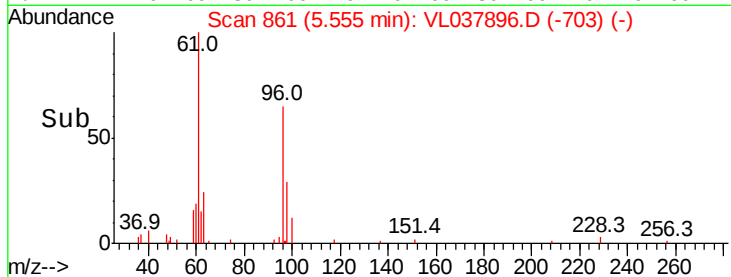
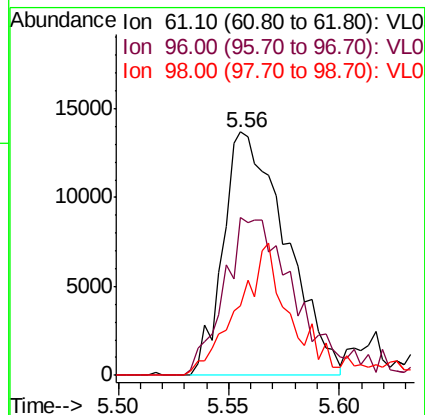
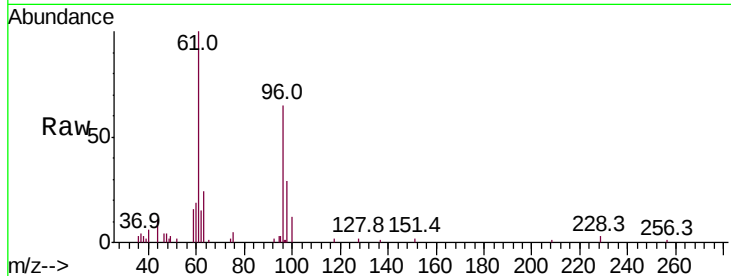
98 27.

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Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 0.043 ppbv m

RT: 6.53 min Scan# 1164

Delta R.T. 0.02 min

Lab File: VL037896.D

Acq: 25 Oct 2021 16:25

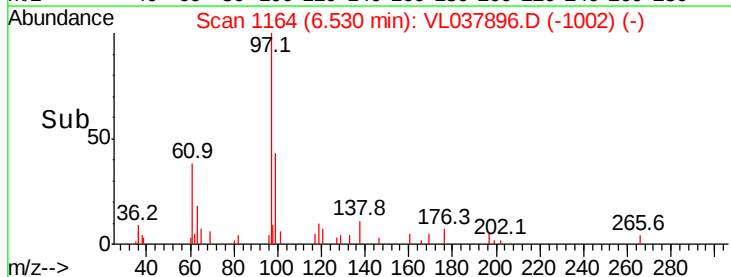
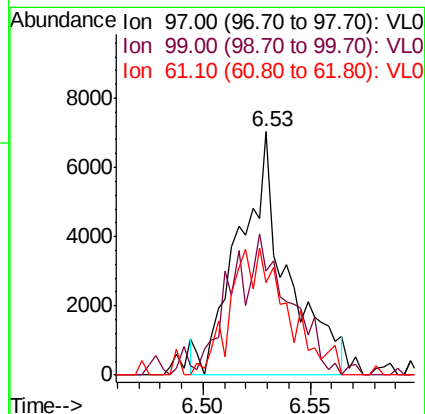
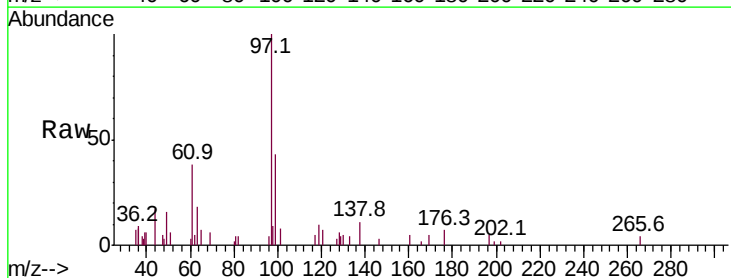
Tgt Ion: 97 Resp: 10926

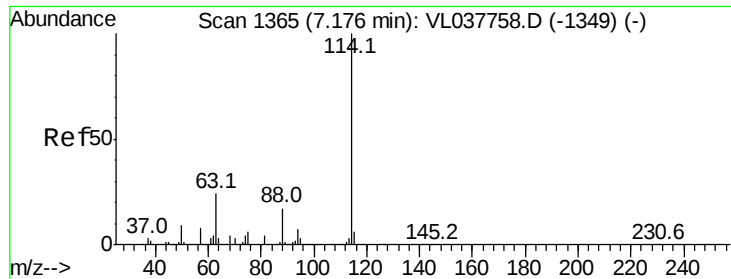
Ion Ratio Lower Upper

97 100

99 74.6 52.6 78.8

61 63.6 40.2 60.4#



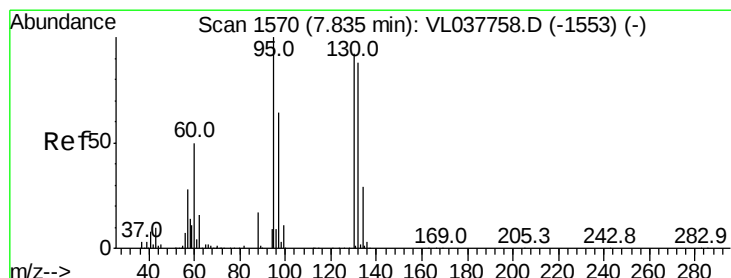
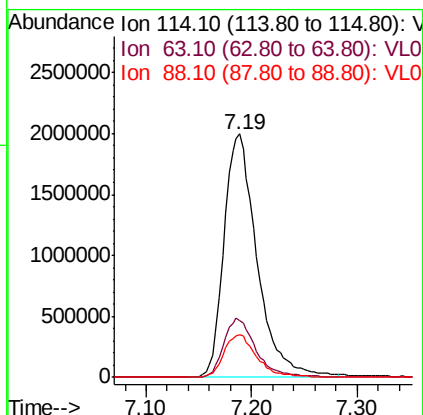
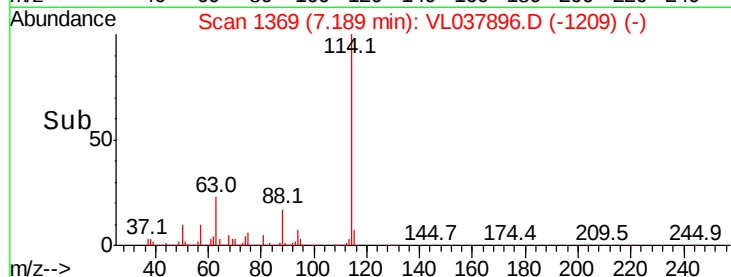
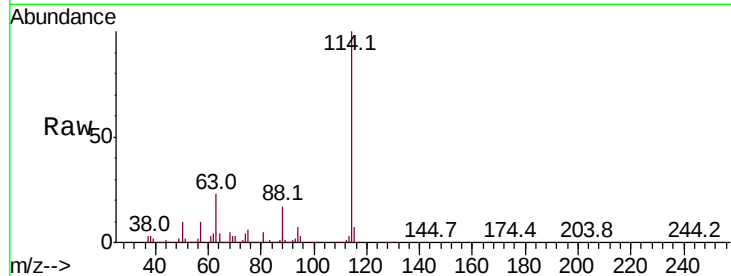


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVE-INFLUENT
 Acq: 25 Oct 2021 16:25

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

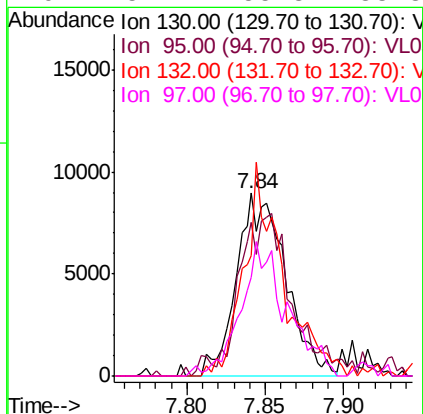
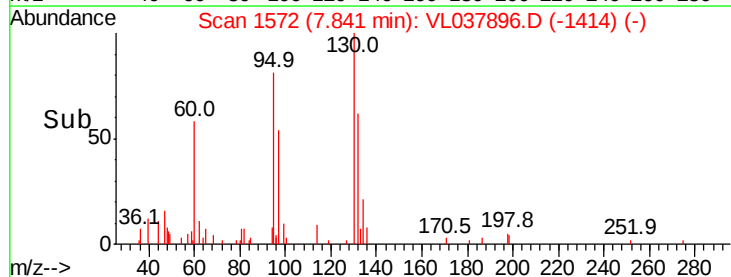
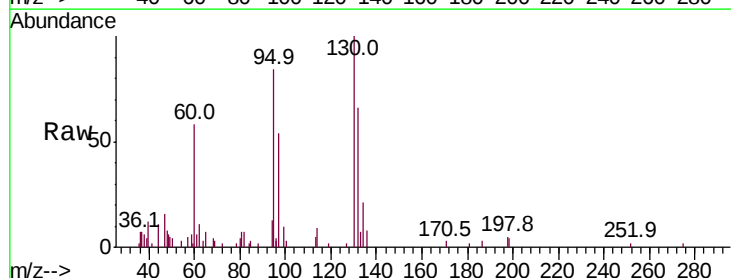
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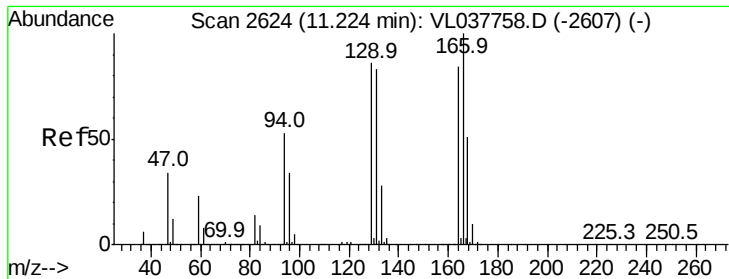
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#38
 Trichloroethene
 Concen: 0.133 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL037896.D
 Acq: 25 Oct 2021 16:25

Tgt Ion:130 Resp: 19449
 Ion Ratio Lower Upper
 130 100
 95 84.3 87.4 131.0#
 132 66.2 76.8 115.2#
 97 54.1 55.8 83.8#





#52

Tetrachloroethene

Concen: 0.985 ppbv

RT: 11.24

Delta R.T. MSVOA_L

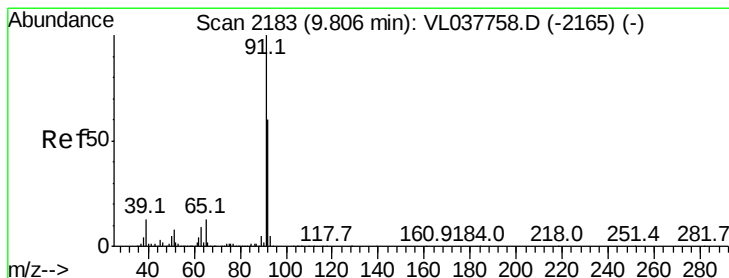
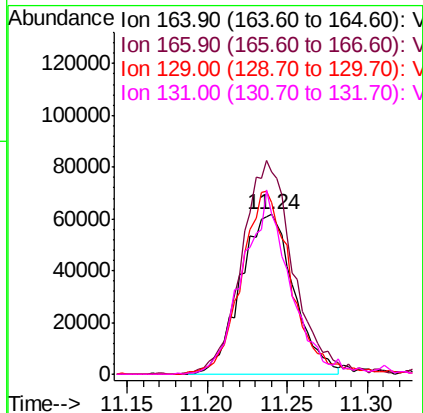
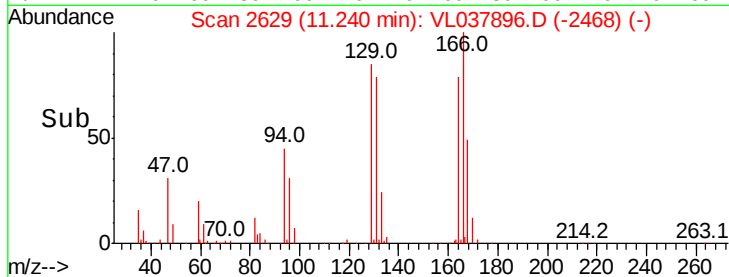
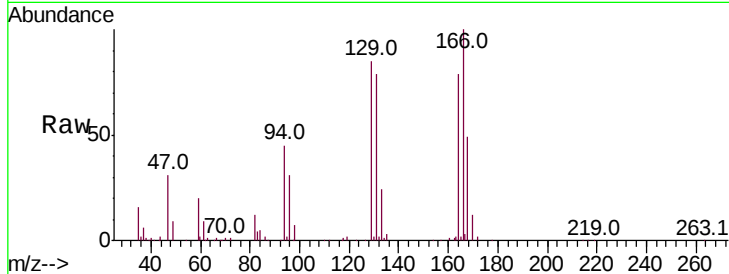
Lab File: ClientSampleId:

Acq: 25 Oct 2021 16:25 SVE-INFLUENT

Tot Ion: 1
Ion Ratio
164 100
166 126.
129 106.
131 99.5 79.4 119.2

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#53

Toluene

Concen: 0.098 ppbv m

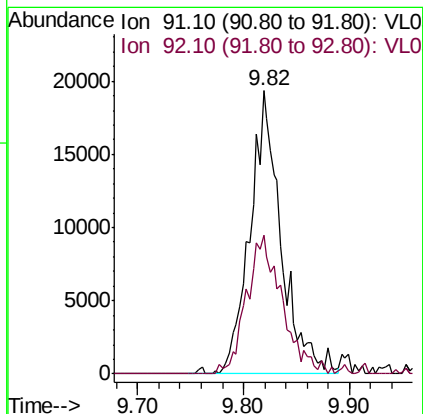
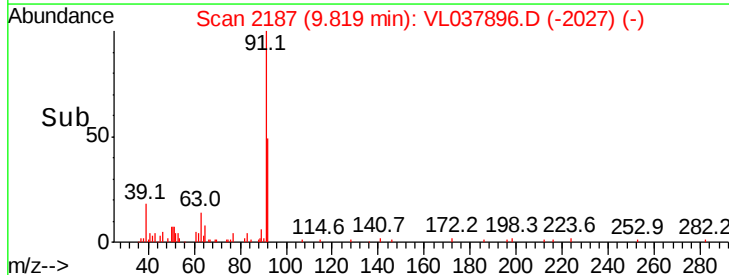
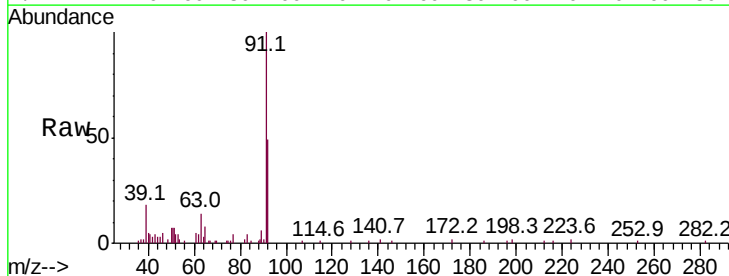
RT: 9.82 min Scan# 2187

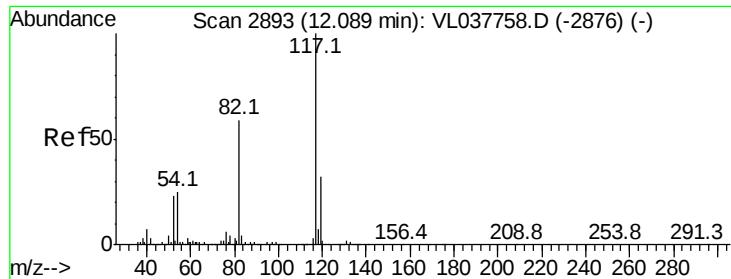
Delta R.T. 0.01 min

Lab File: VL037896.D

Acq: 25 Oct 2021 16:25

Tgt Ion: 91 Resp: 40077
Ion Ratio Lower Upper
91 100
92 56.1 48.4 72.6



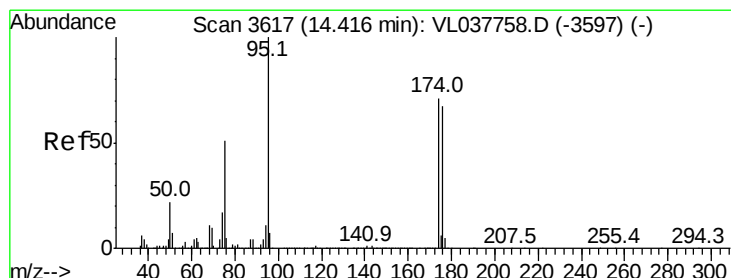
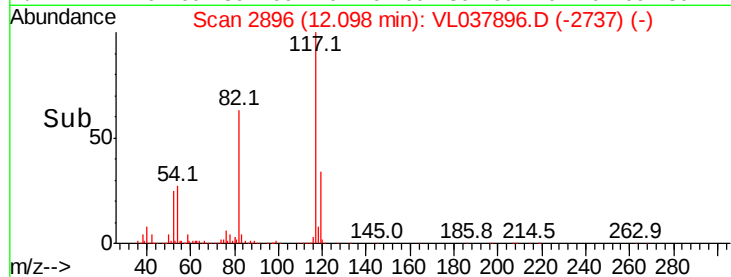
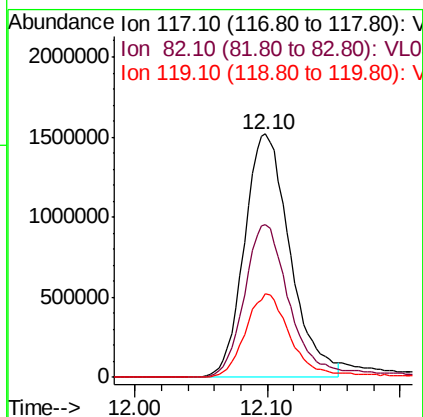
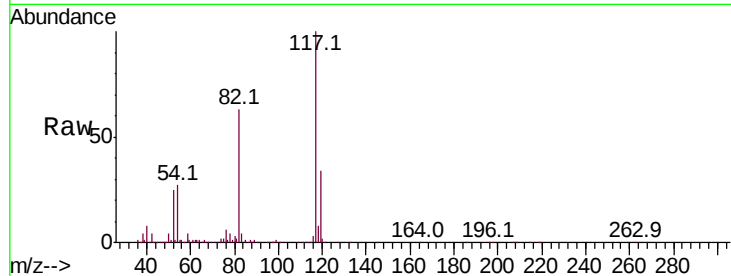


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : SVE-INFLUENT
Acq: 25 Oct 2021 16:25

Tot Ion: 1
Ion Ratio
117 100
82 65.
119 35.

Manual Integrations
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Supervised By :Mahesh Dadoda 10/27/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.228 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.01 min
Lab File: VL037896.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 95 Resp: 2600854
Ion Ratio Lower Upper
95 100
174 74.2 57.8 86.6
175 5.4 4.7 7.1

