

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038256.D
 Acq On : 24 Jan 2022 11:21
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Quant Time: Jan 24 12:02:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 11:15:25 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	818572	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2228548	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1916916	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1445521	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	96281	0.624 ppbv	96
3) Chlorodifluoromethane	3.00	51	87021	0.506 ppbv	99
4) Chloromethane	3.15	50	30294	0.508 ppbv #	86
5) Vinyl Chloride	3.27	62	26644	0.444 ppbv	93
6) Bromomethane	3.48	94	15357	0.503 ppbv	95
7) Chloroethane	3.56	64	10169	0.504 ppbv #	84
8) Dichlorotetrafluoroethane	3.20	85	72800	0.497 ppbv	97
9) Propene	3.02	41	27213	0.456 ppbv	85
10) Heptane	8.13	43	70336	0.464 ppbv	98
11) Trichlorofluoromethane	3.96	101	67493	0.476 ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.50	101	55803m	0.522 ppbv	
13) Ethanol	3.64	45	2702m	0.267 ppbv	
14) Bromoethene	3.75	108	19688m	0.462 ppbv	
15) Acetone	3.88	43	40200m	0.489 ppbv	
16) 1,3-Butadiene	3.34	39	27045m	0.483 ppbv	
17) tert-Butyl alcohol	4.33	59	44642m	0.495 ppbv	
18) 1,1-Dichloroethene	4.29	96	23030m	0.491 ppbv	
19) Isopropyl Alcohol	4.00	45	25377m	0.495 ppbv	
20) Methylene Chloride	4.35	84	25571m	0.551 ppbv	
21) Allyl Chloride	4.42	41	31580	0.454 ppbv #	85
22) trans-1,2-Dichloroethene	4.90	96	22824	0.477 ppbv	84
23) Vinyl Acetate	5.09	43	56387m	0.507 ppbv	
24) 1,1-Dichloroethane	5.01	63	47970	0.482 ppbv	96
25) Ethyl Acetate	5.70	43	101004	0.454 ppbv #	95
26) Hexane	5.70	57	49788	0.446 ppbv	95
27) Carbon Disulfide	4.56	76	52026	0.529 ppbv	96
28) Methyl tert-Butyl Ether	5.05	73	49079	0.437 ppbv	93
29) Chloroform	5.76	83	78206	0.472 ppbv	95
30) Cyclohexane	7.13	84	40857	0.413 ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	47346m	0.541 ppbv	
32) 1,1,1-Trichloroethane	6.52	97	80104m	0.487 ppbv	
34) 2-Butanone	5.27	43	36098	0.539 ppbv	99
35) Carbon Tetrachloride	7.02	117	78426	0.570 ppbv	99
36) Benzene	6.89	78	97296	0.468 ppbv	97
37) 1,2-Dichloroethane	6.31	62	57415	0.550 ppbv	98
38) Trichloroethene	7.84	130	38263m	0.484 ppbv	
39) 1,2-Dichloropropane	7.61	63	41885m	0.524 ppbv	
40) 1,4-Dioxane	7.87	88	10350m	0.445 ppbv	
41) Tetrahydrofuran	6.09	42	24417m	0.498 ppbv	
42) Bromodichloromethane	7.80	83	87851m	0.592 ppbv	
43) Methyl Methacrylate	8.02	69	32926m	0.460 ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 24 12:02:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 11:15:25 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	182768	0.518	ppbv	96
45) t-1,3-Dichloropropene	9.28	75	23959m	0.453	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	35559m	0.485	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	41635	0.501	ppbv	90
48) Dibromochloromethane	10.30	129	67132m	0.575	ppbv	
49) Bromoform	13.04	173	44619	0.538	ppbv	98
50) 4-Methyl-2-Pentanone	8.78	43	63392m	0.521	ppbv	
51) 2-Hexanone	10.16	43	26191m	0.449	ppbv	
52) Tetrachloroethene	11.22	164	34626	0.451	ppbv	86
53) Toluene	9.81	91	106074	0.442	ppbv	99
54) 1,2-Dibromoethane	10.61	107	56245m	0.478	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	45750	0.574	ppbv #	1
57) Chlorobenzene	12.14	112	82149	0.494	ppbv	95
58) Ethyl Benzene	12.71	91	149709m	0.503	ppbv	
59) m/p-Xylene	13.00	91	254627m	1.001	ppbv	
60) o-Xylene	13.69	91	119373	0.506	ppbv	99
61) Styrene	13.53	104	47821	0.400	ppbv	98
62) Isopropylbenzene	14.67	105	156525	0.473	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	87404m	0.482	ppbv	
64) n-propylbenzene	15.56	120	34619	0.421	ppbv	76
65) tert-Butylbenzene	16.75	119	126847m	0.435	ppbv	
66) Benzyl Chloride	16.98	91	4728m	0.435	ppbv	
67) sec-Butylbenzene	17.30	105	176150	0.440	ppbv	99
69) p-Isopropyltoluene	17.66	119	131682	0.409	ppbv	95
70) n-Butylbenzene	18.55	91	122356	0.400	ppbv	99
71) 2-Chlorotoluene	15.45	91	114699	0.466	ppbv	97
72) 4-Ethyltoluene	15.84	105	114204	0.421	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.00	105	106560	0.439	ppbv	91
74) 1,2,4-Trimethylbenzene	16.77	105	117435m	0.460	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	63433m	0.460	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	61600m	0.450	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	62411m	0.473	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	43634m	0.536	ppbv	
79) Naphthalene	22.21	128	38468m	0.292	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	25755m	0.342	ppbv	

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

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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

Quant Time: Jan 24 12:02:13 2022

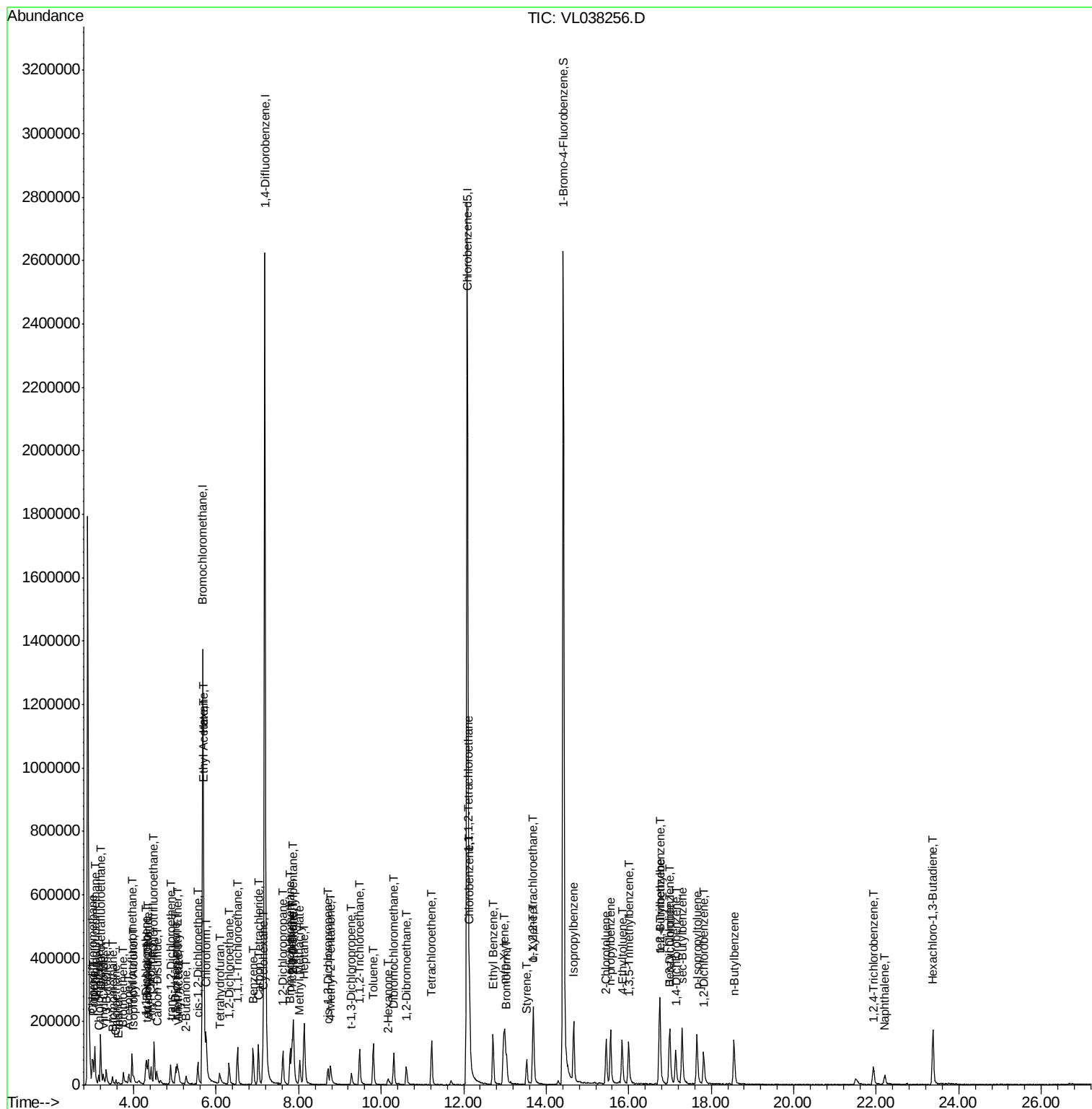
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL012422

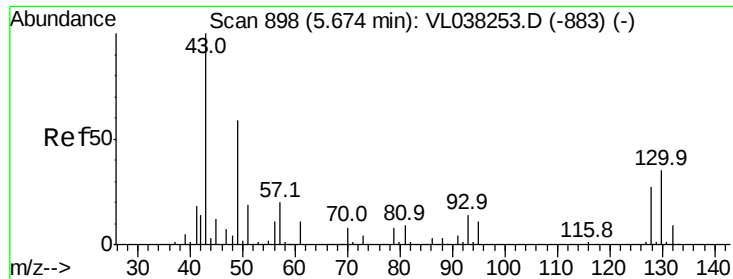
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 11:15:25 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

49 100

128 48.

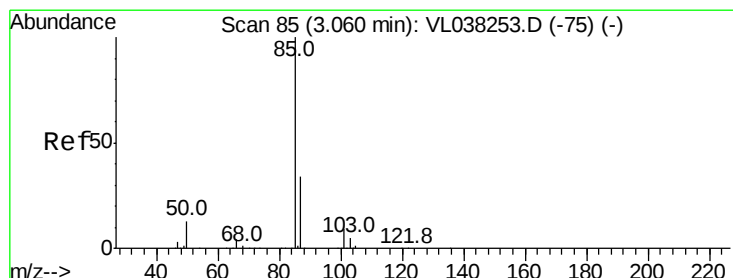
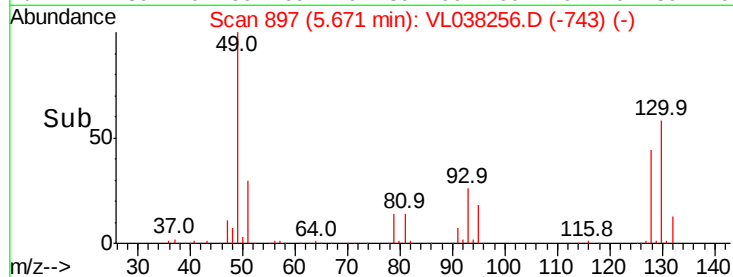
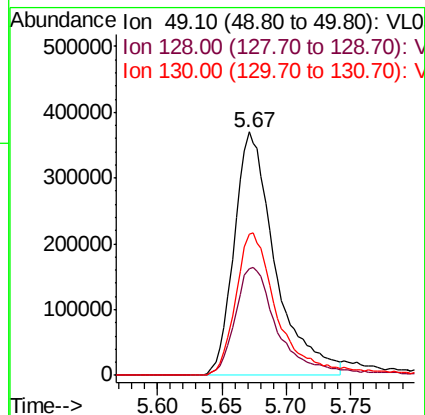
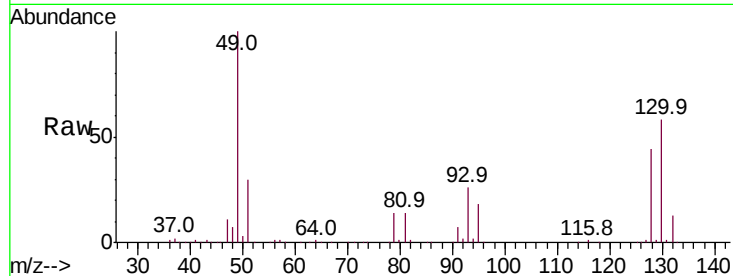
130 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#2

Dichlorodifluoromethane

Concen: 0.624 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL038256.D

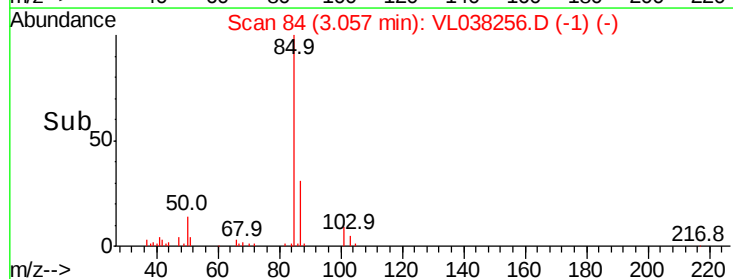
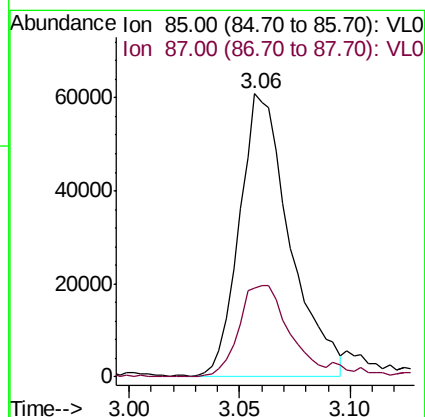
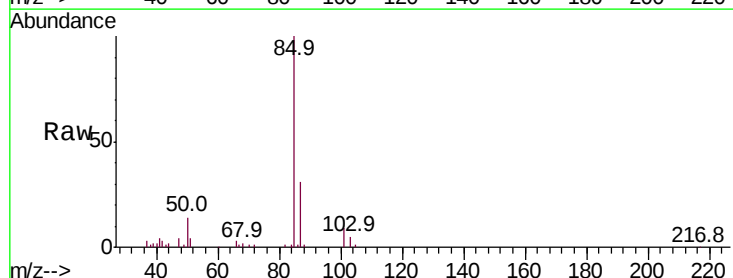
Acq: 24 Jan 2022 11:21

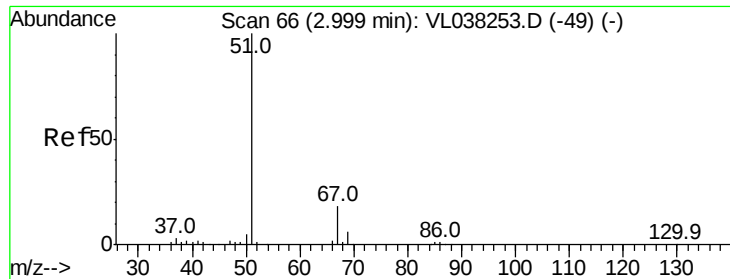
Tgt Ion: 85 Resp: 96281

Ion Ratio Lower Upper

85 100

87 31.6 27.0 40.6



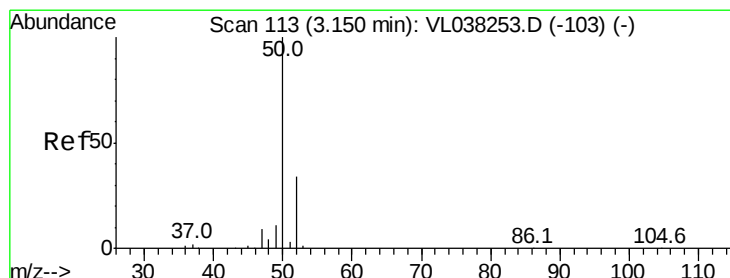
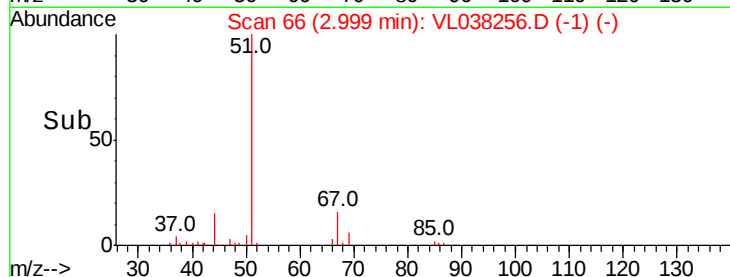
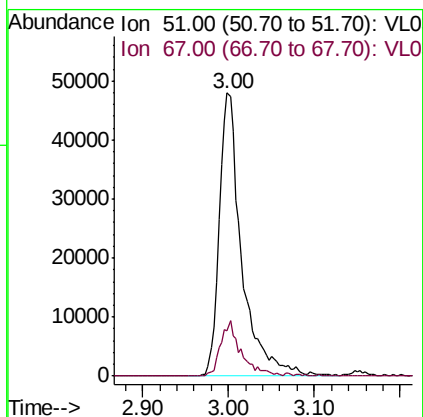
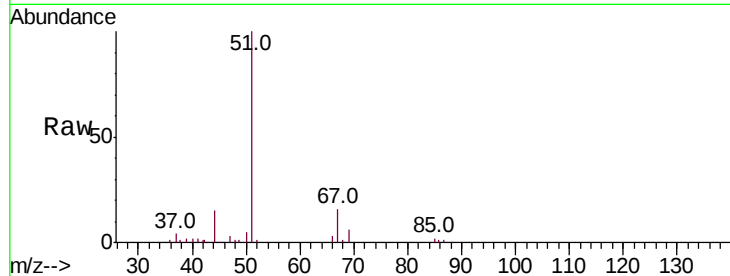


#3
 Chlorodifluoromethane
 Concen: 0.506 ppbv
 RT: 3.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 51 100
 67 18.

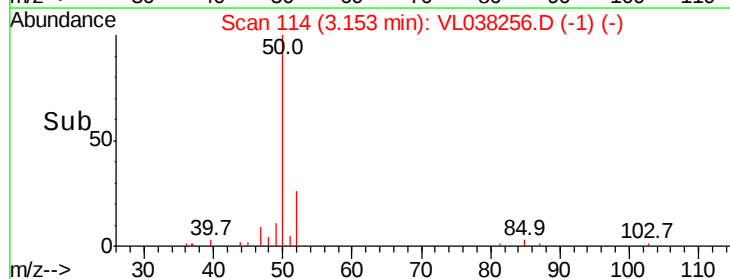
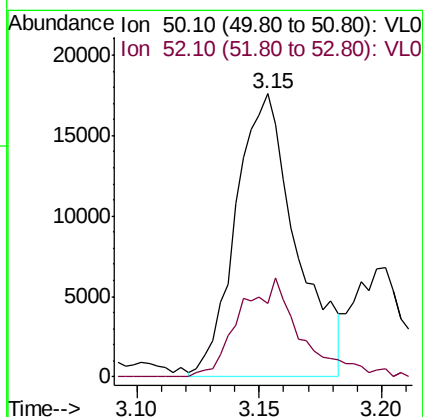
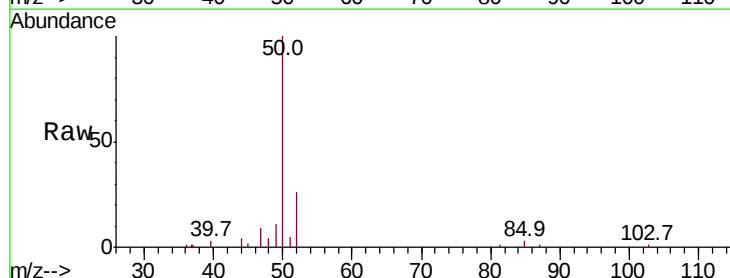
Manual Integrations
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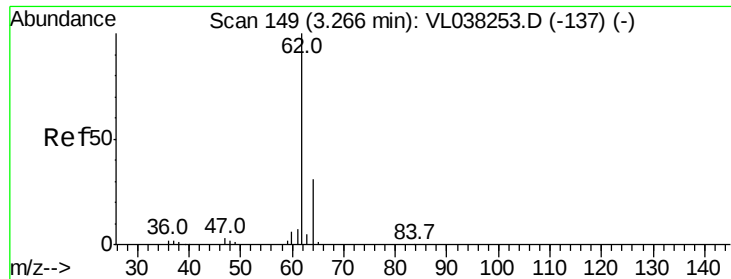
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#4
 Chloromethane
 Concen: 0.508 ppbv
 RT: 3.15 min Scan# 114
 Delta R.T.: 0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion: 50 Resp: 30294
 Ion Ratio Lower Upper
 50 100
 52 26.1 27.1 40.7#





#5

Vinyl Chloride

Concen: 0.444 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

62 100

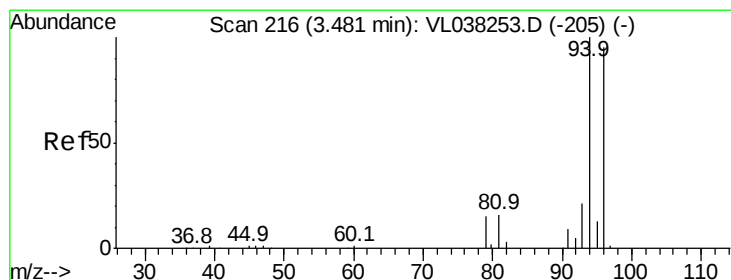
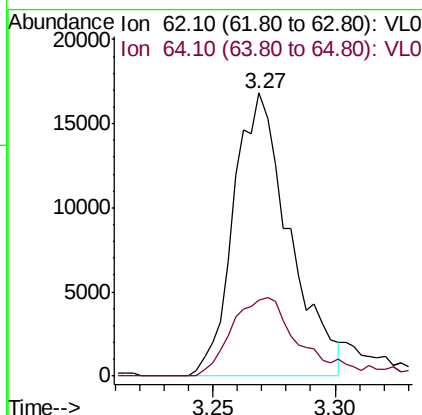
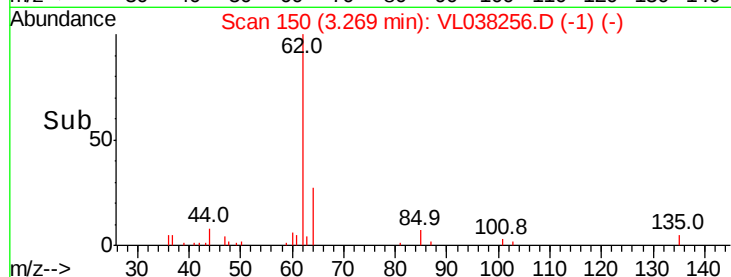
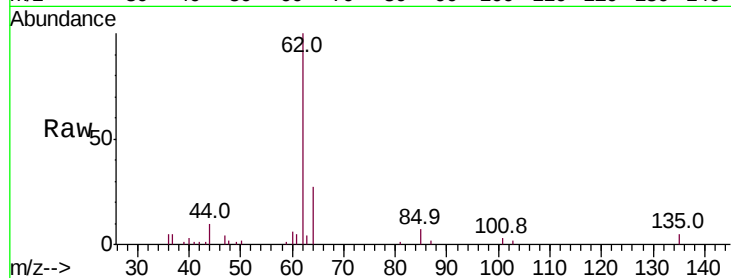
64 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#6

Bromomethane

Concen: 0.503 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL038256.D

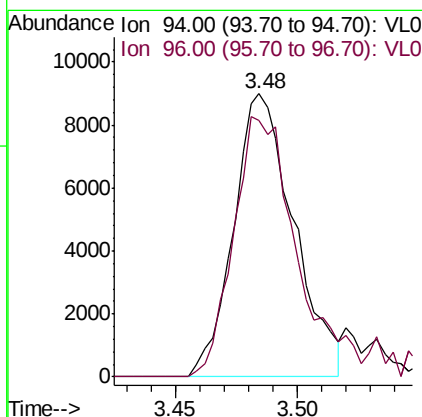
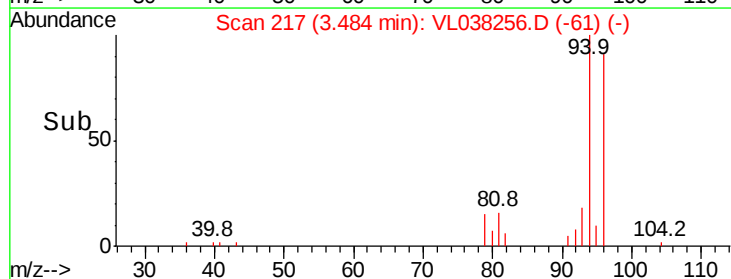
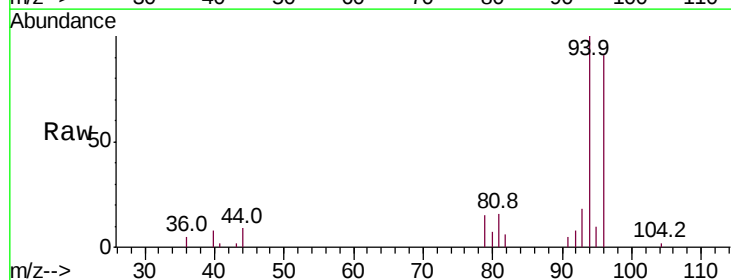
Acq: 24 Jan 2022 11:21

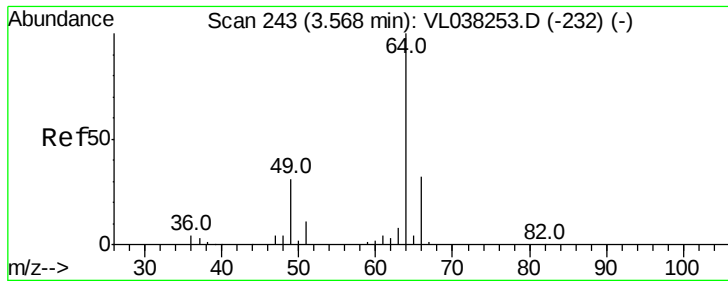
Tgt Ion: 94 Resp: 15357

Ion Ratio Lower Upper

94 100

96 90.6 76.0 114.0





#7

Chloroethane

Concen: 0.504 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC0.5

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

64 100

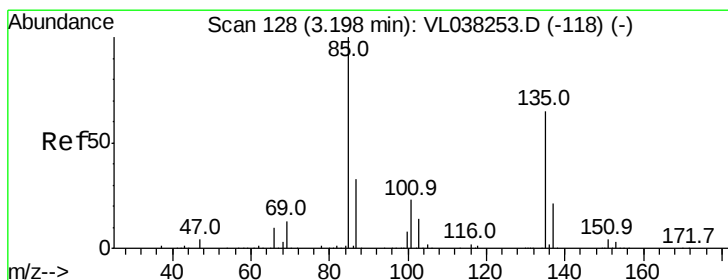
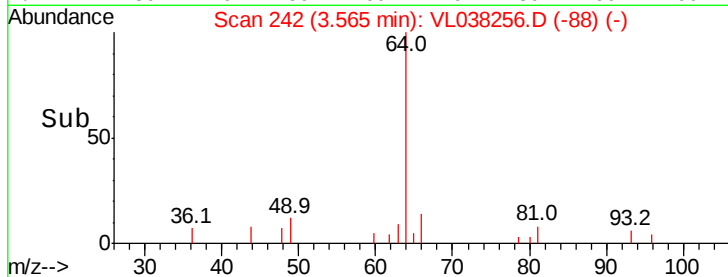
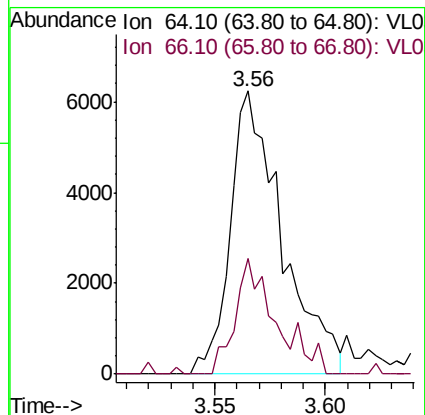
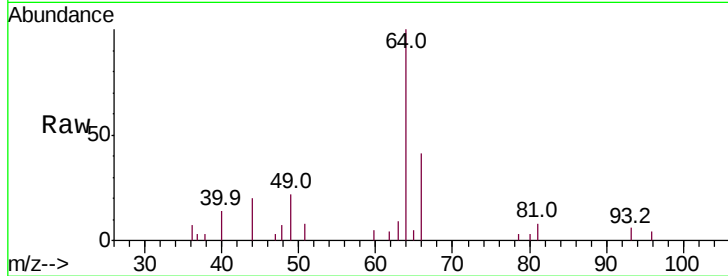
66 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#8

Dichlorotetrafluoroethane

Concen: 0.497 ppbv

RT: 3.20 min Scan# 128

Delta R.T. -0.00 min

Lab File: VL038256.D

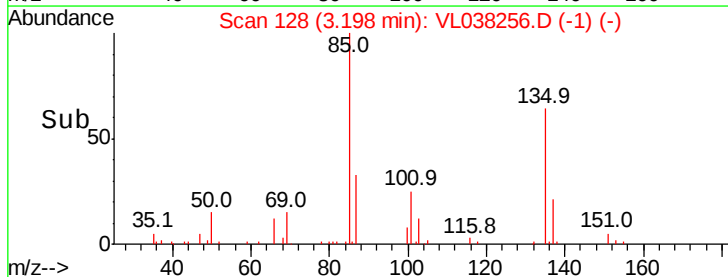
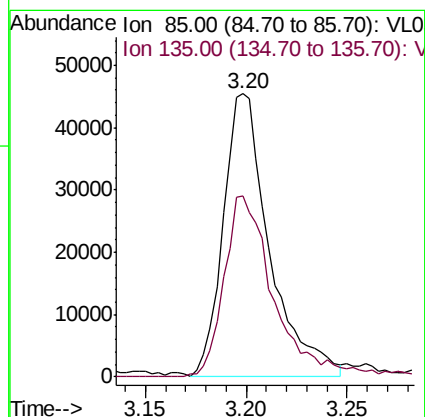
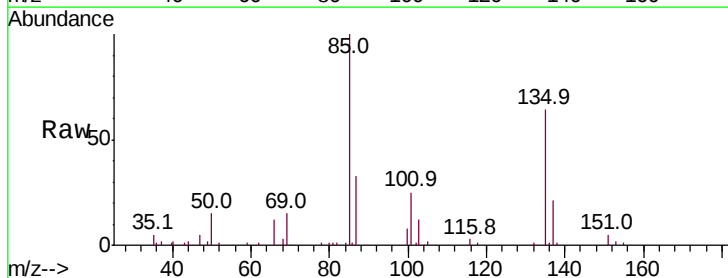
Acq: 24 Jan 2022 11:21

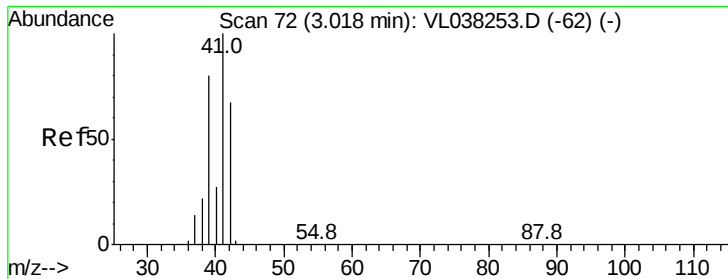
Tgt Ion: 85 Resp: 72800

Ion Ratio Lower Upper

85 100

135 69.9 53.7 80.5





#9

Propene

Concen: 0.456 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

41 100

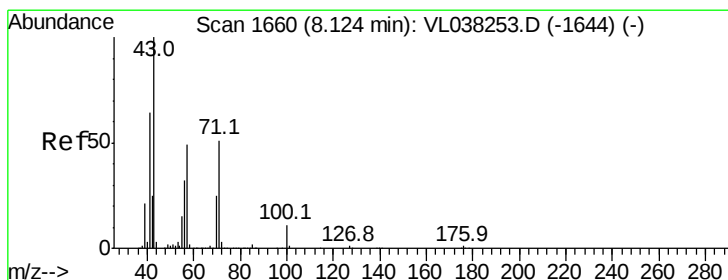
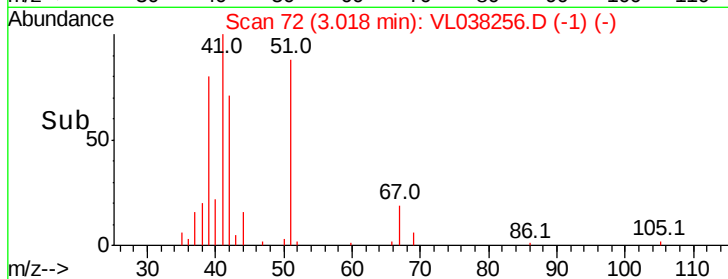
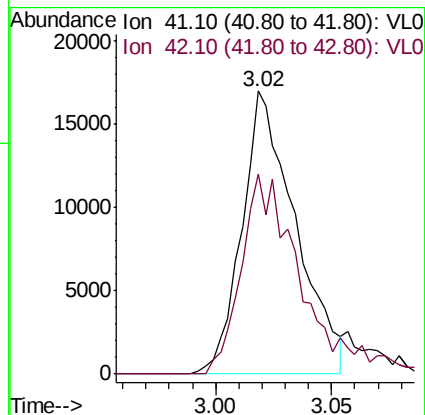
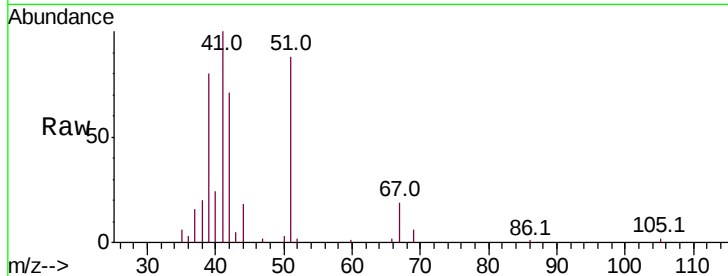
42 80.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#10

Heptane

Concen: 0.464 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL038256.D

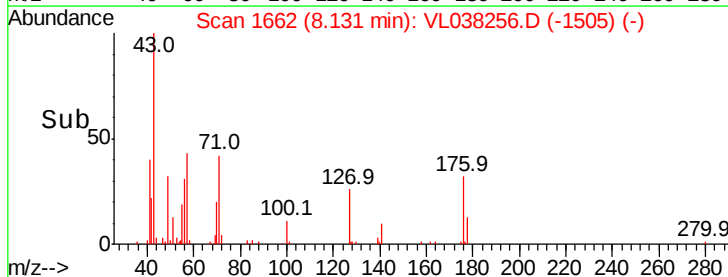
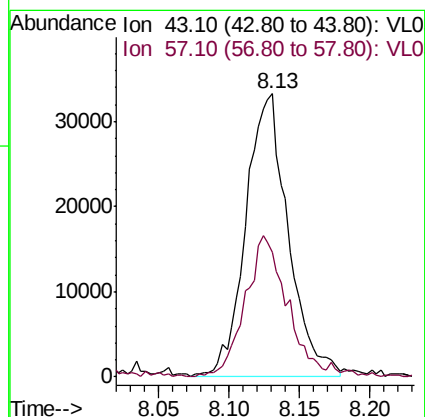
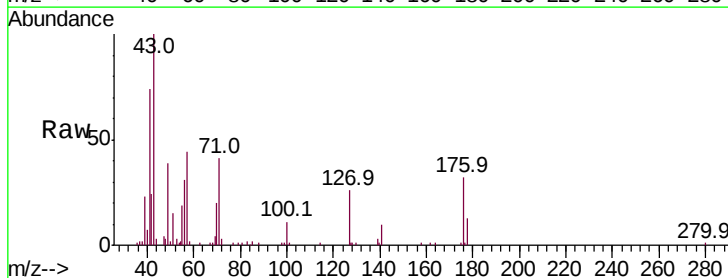
Acq: 24 Jan 2022 11:21

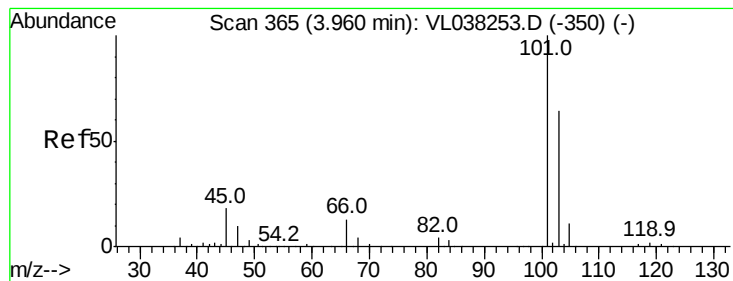
Tgt Ion: 43 Resp: 70336

Ion Ratio Lower Upper

43 100

57 50.5 39.5 59.3





#11

Trichlorofluoromethane

Concen: 0.476 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:1

Ion Rati

101 100

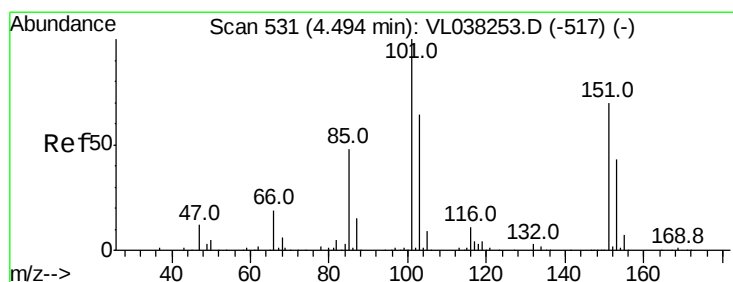
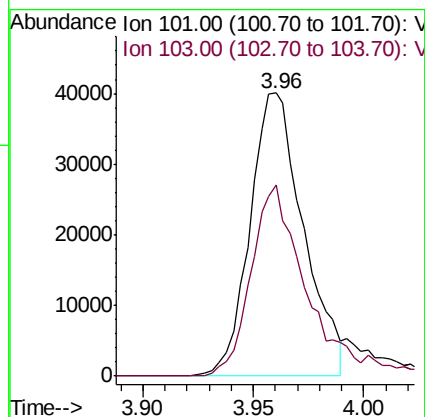
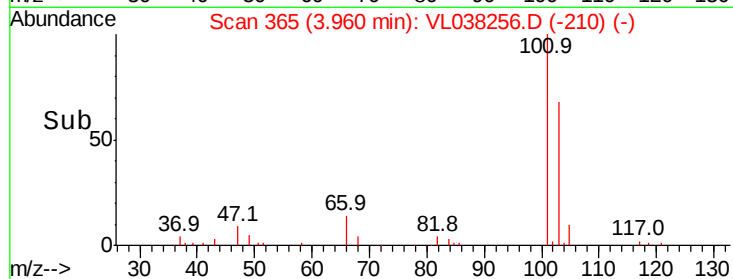
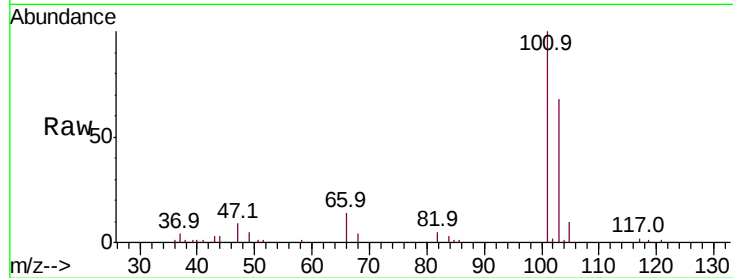
103 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.522 ppbv m

RT: 4.50 min Scan# 532

Delta R.T. 0.00 min

Lab File: VL038256.D

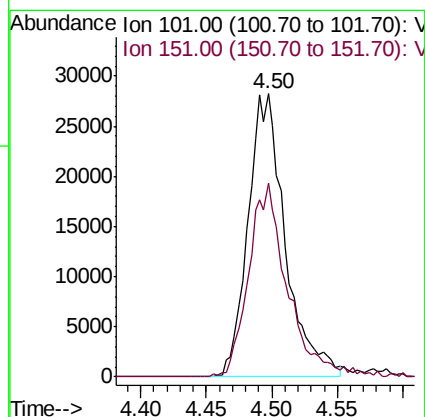
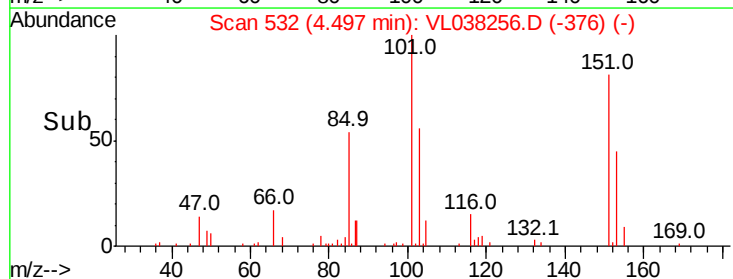
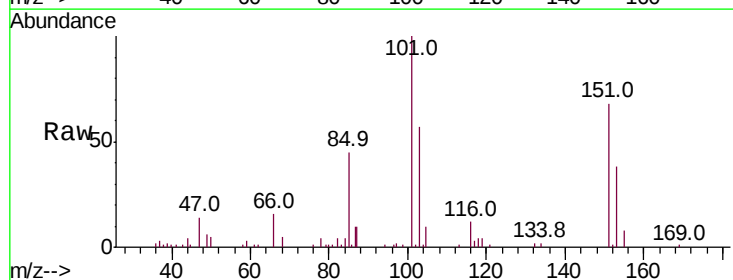
Acq: 24 Jan 2022 11:21

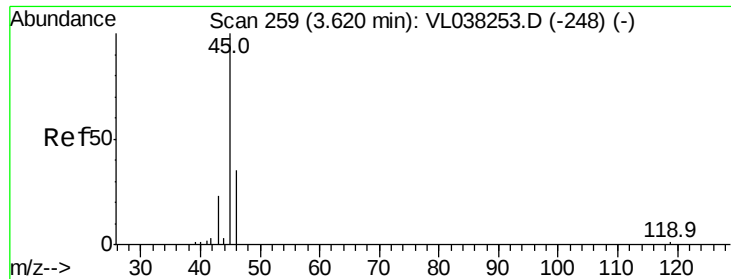
Tgt Ion:101 Resp: 55803

Ion Ratio Lower Upper

101 100

151 0.0 55.3 82.9#





#13

Ethanol

Concen: 0.267 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

45 100

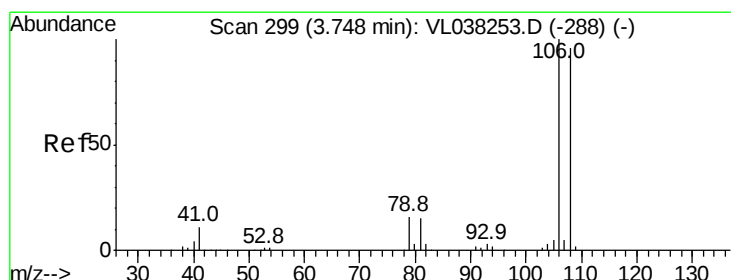
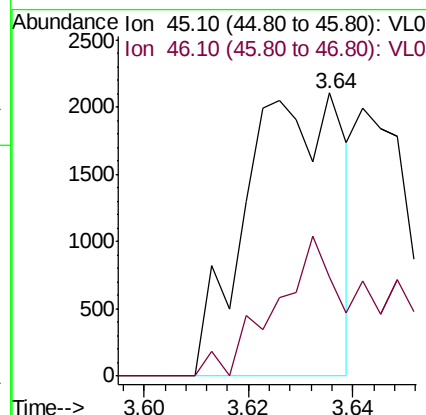
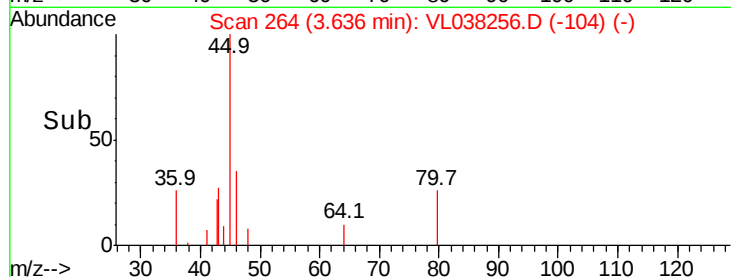
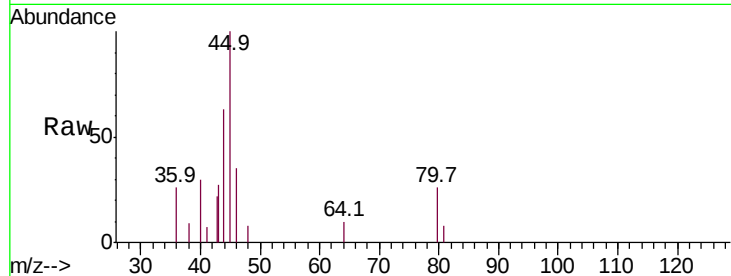
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#14

Bromoethene

Concen: 0.462 ppbv m

RT: 3.75 min Scan# 300

Delta R.T. 0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

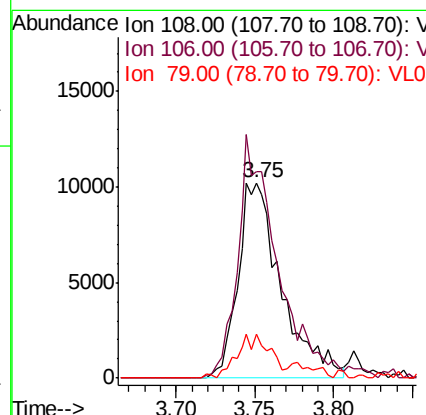
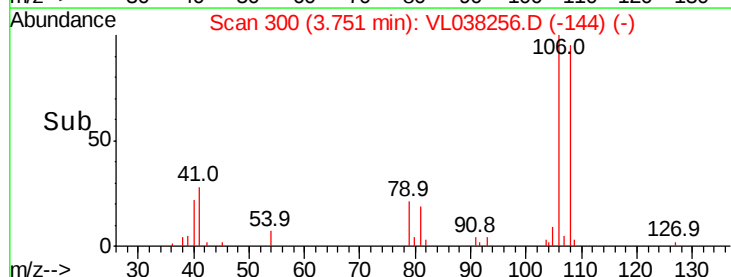
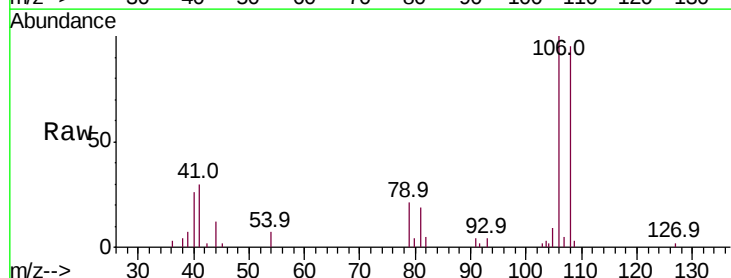
Tgt Ion:108 Resp: 19688

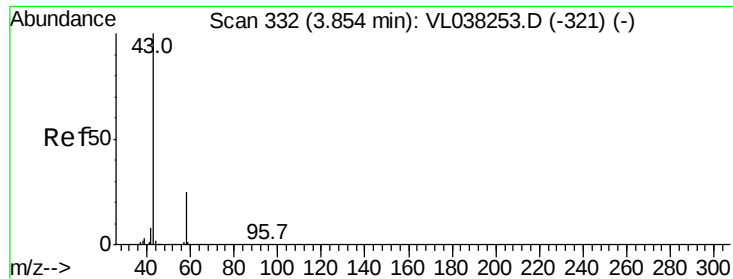
Ion Ratio Lower Upper

108 100

106 117.1 86.4 129.6

79 22.6 14.1 21.1#





#15

Acetone

Concen: 0.489 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

43 100

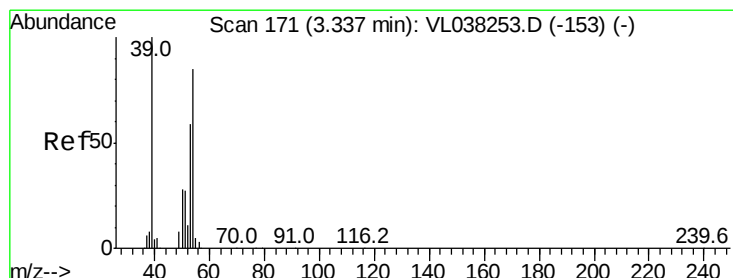
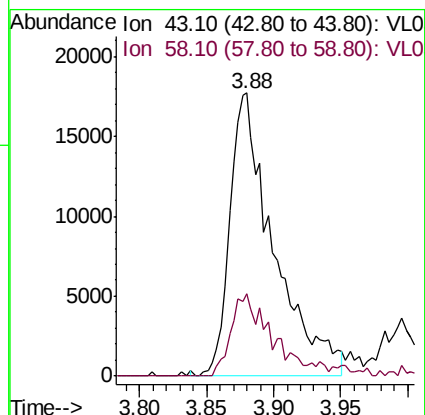
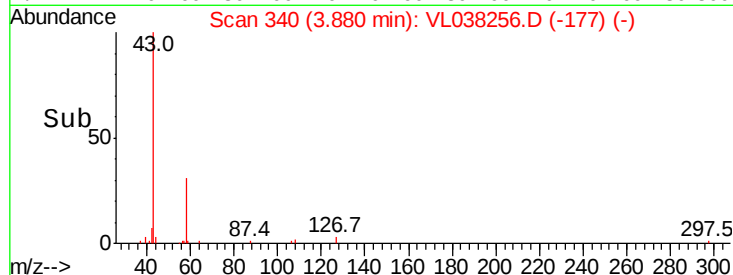
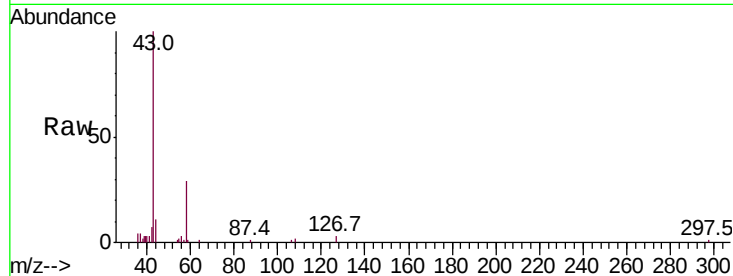
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#16

1,3-Butadiene

Concen: 0.483 ppbv m

RT: 3.34 min Scan# 171

Delta R.T. -0.00 min

Lab File: VL038256.D

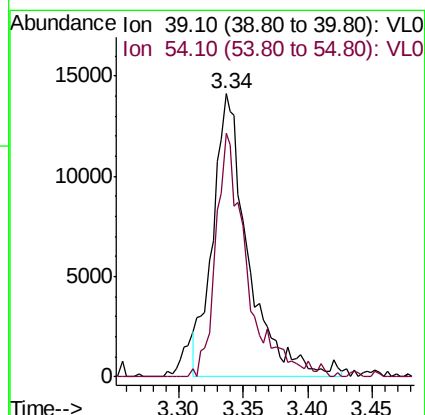
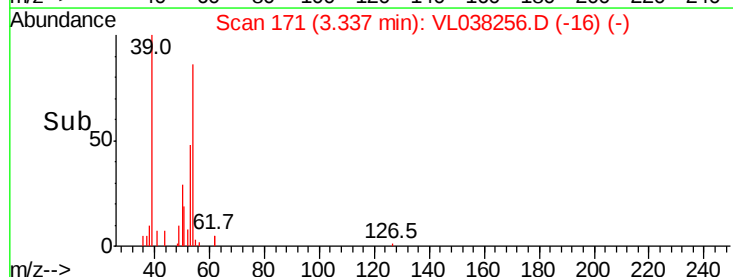
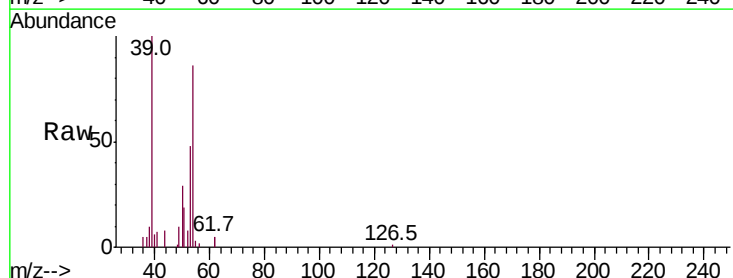
Acq: 24 Jan 2022 11:21

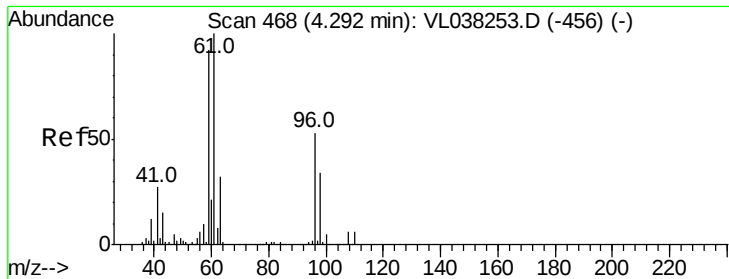
Tgt Ion: 39 Resp: 27045

Ion Ratio Lower Upper

39 100

54 76.0 62.6 94.0





#17

tert-Butyl alcohol

Concen: 0.495 ppbv m

RT: 4.33 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

59 100

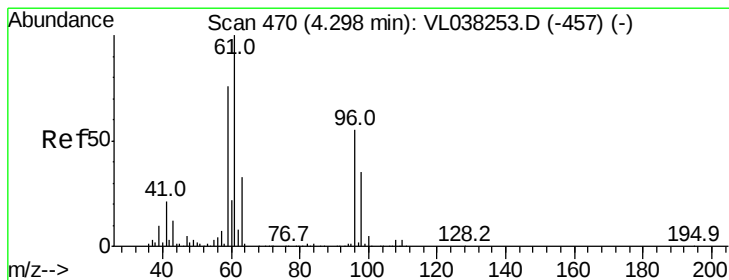
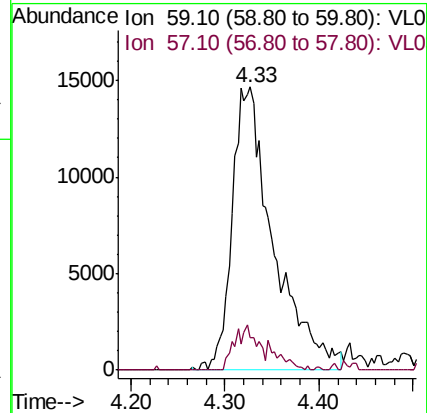
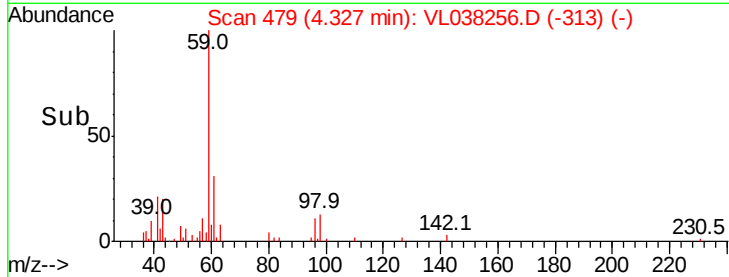
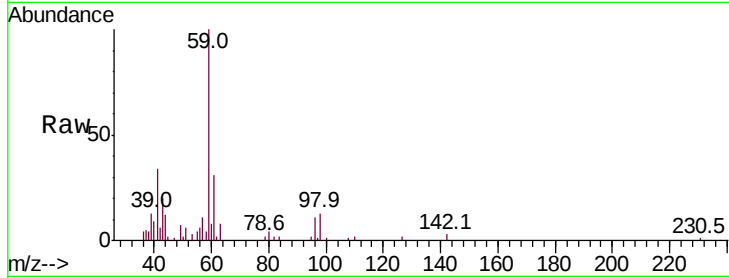
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#18

1,1-Dichloroethene

Concen: 0.491 ppbv m

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

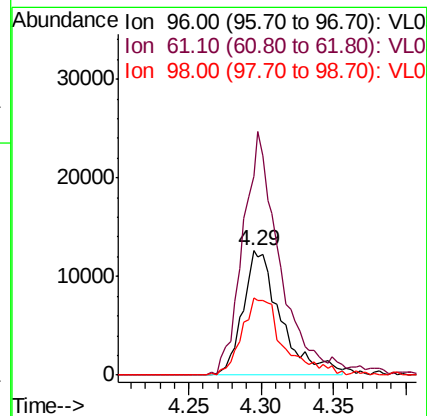
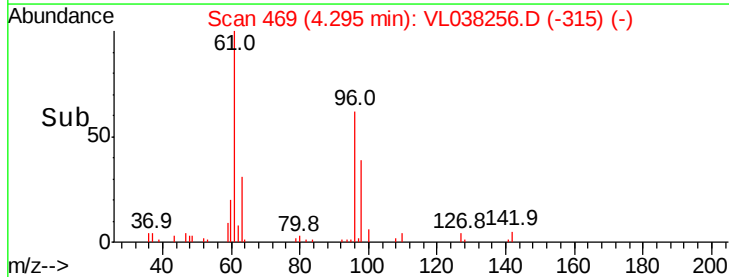
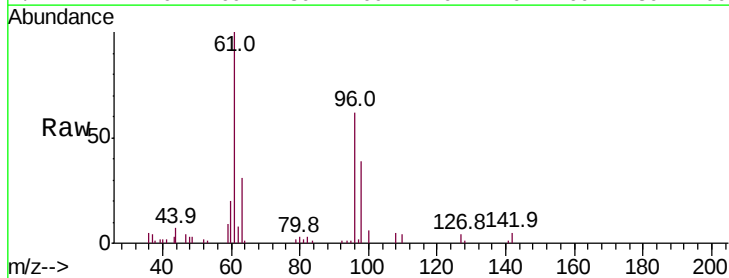
Tgt Ion: 96 Resp: 23030

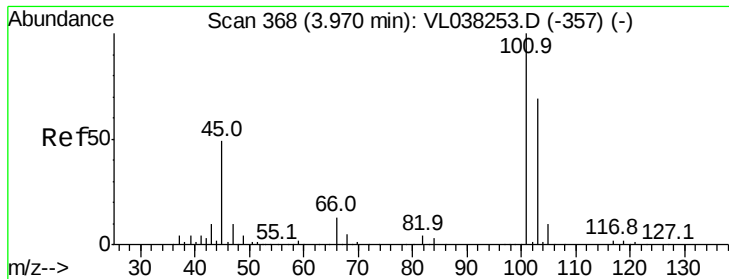
Ion Ratio Lower Upper

96 100

61 160.4 146.5 219.7

98 62.1 51.9 77.9





#19

Isopropyl Alcohol

Concen: 0.495 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

45 100

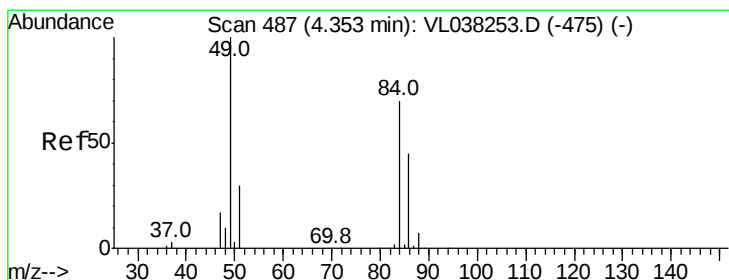
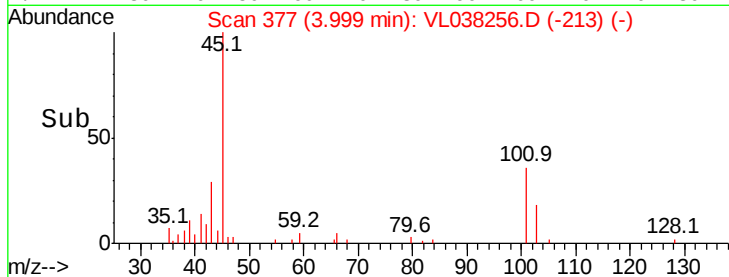
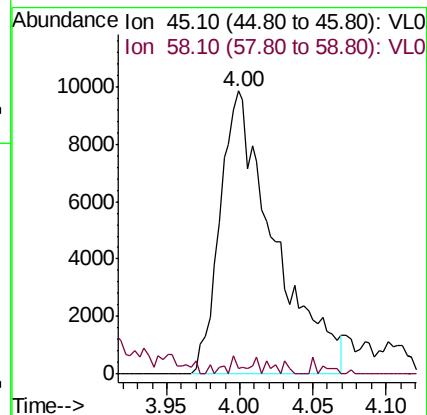
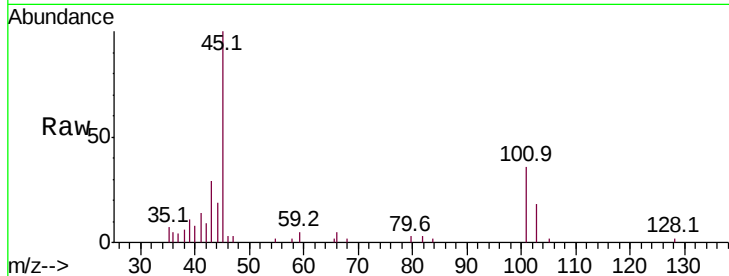
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#20

Methylene Chloride

Concen: 0.551 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

Tgt Ion: 84 Resp: 25571

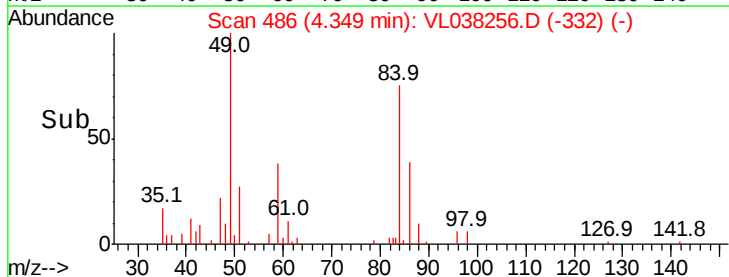
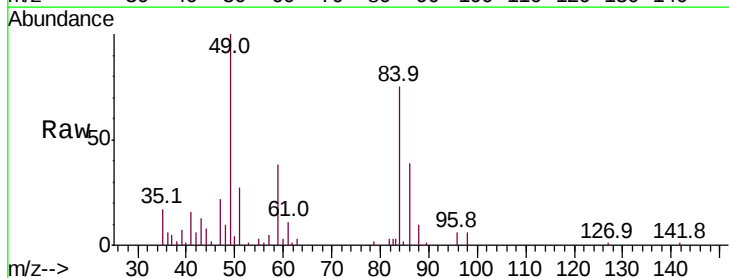
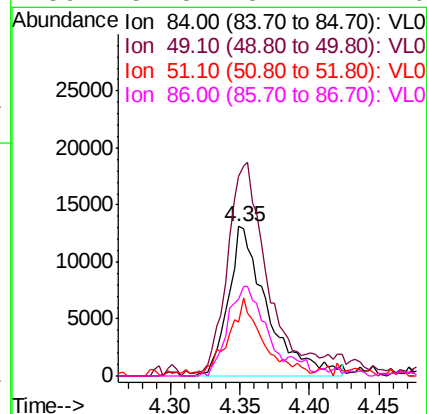
Ion Ratio Lower Upper

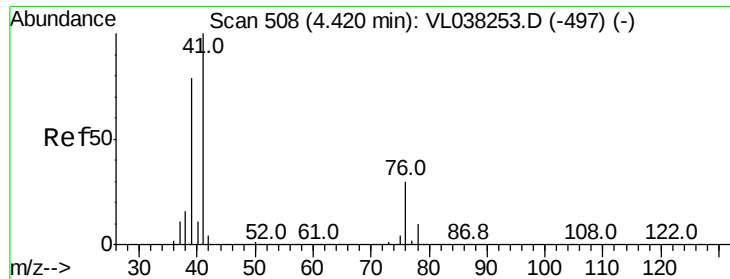
84 100

49 133.9 115.0 172.6

51 36.4 35.0 52.6

86 51.8 51.4 77.0



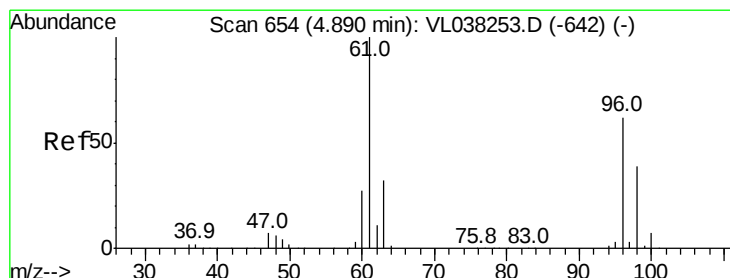
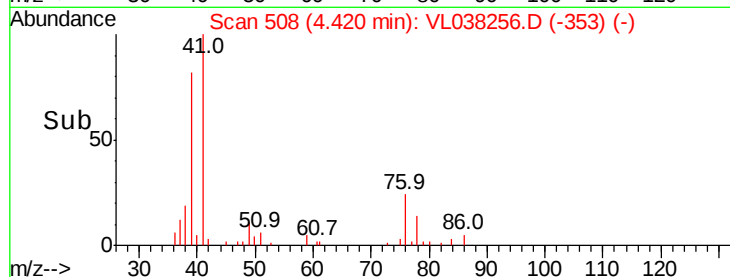
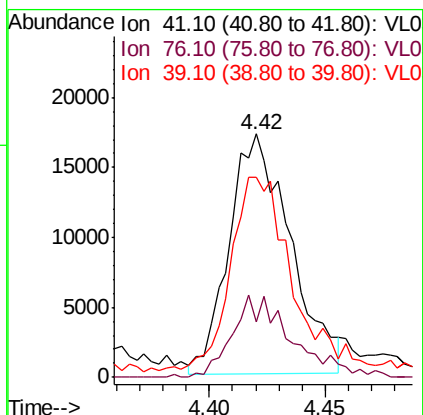
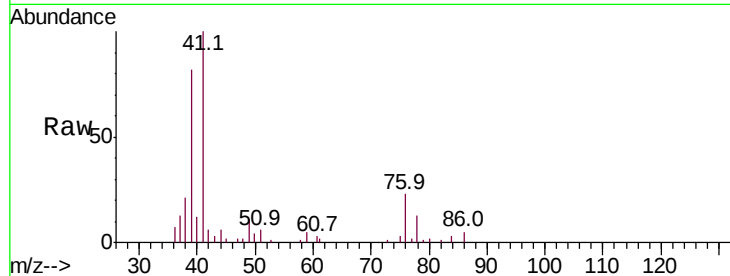


#21
Allvl Chloride
Concen: 0.454 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 11:21

Tot Ion:
Ion Ratio
41 100
76 33.
39 95.

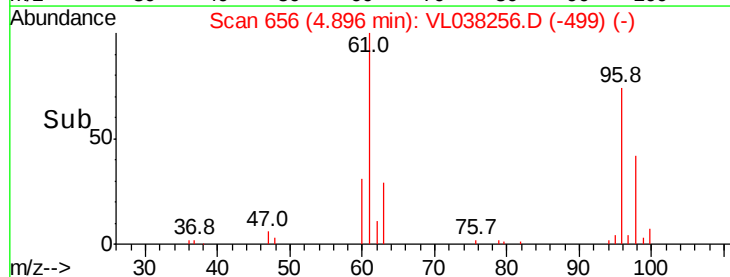
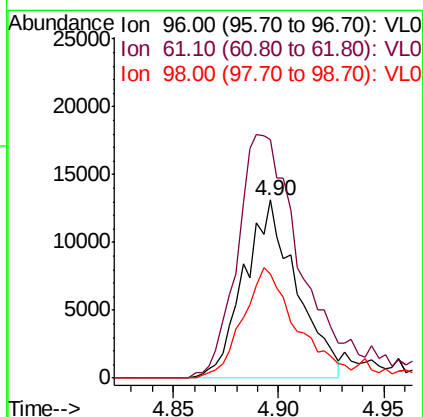
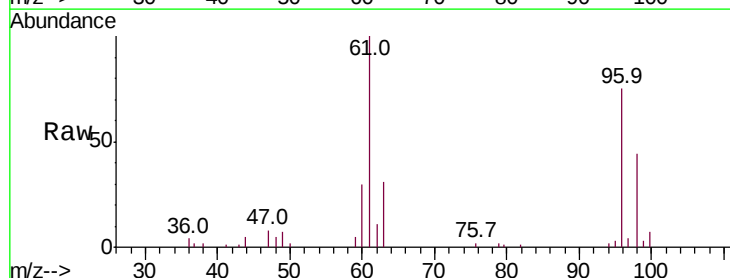
Manual Integrations
APPROVED

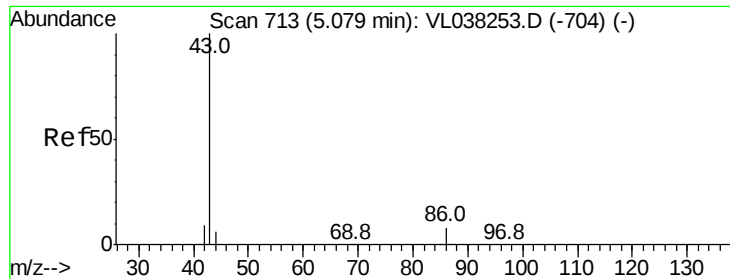
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#22
trans-1,2-Dichloroethene
Concen: 0.477 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 96 Resp: 22824
Ion Ratio Lower Upper
96 100
61 133.9 128.8 193.2
98 58.5 49.8 74.8





#23

Vinyl Acetate

Concen: 0.507 ppbv m

RT: 5.09

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21

Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion Ratio

43 100

86 6.1

42 9.1

44 11.9

4.2

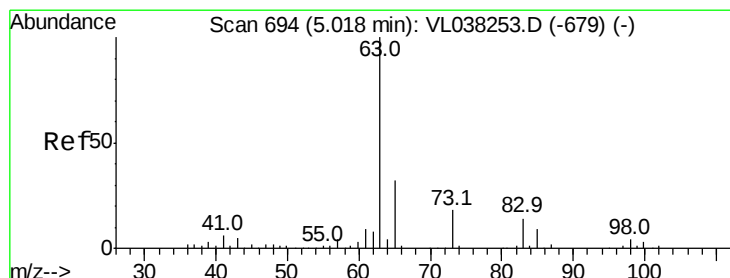
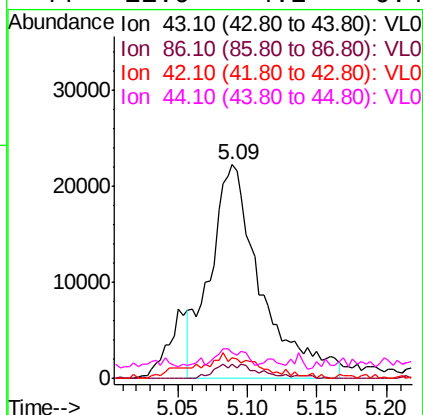
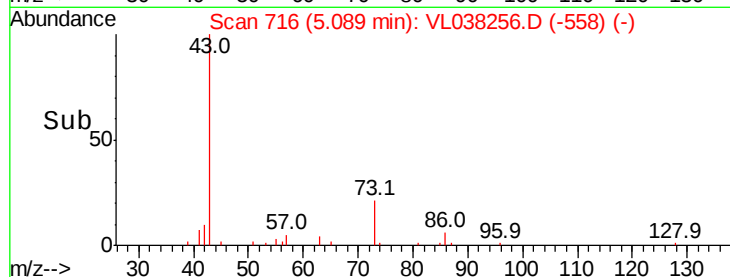
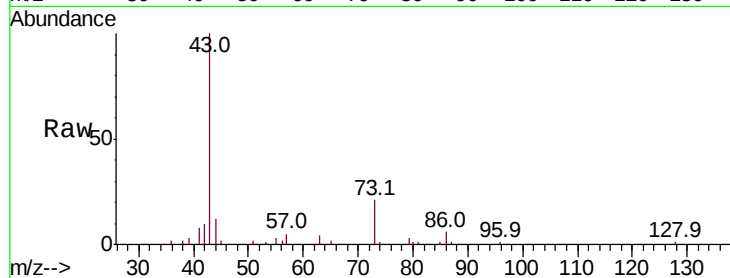
6.4#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#24

1,1-Dichloroethane

Concen: 0.482 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

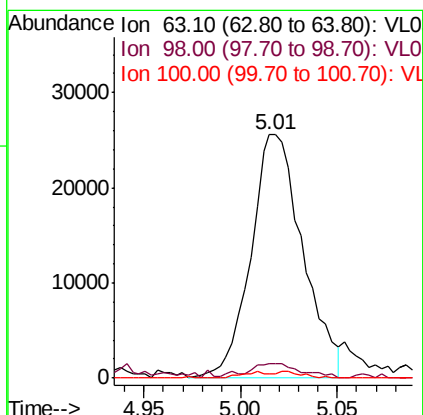
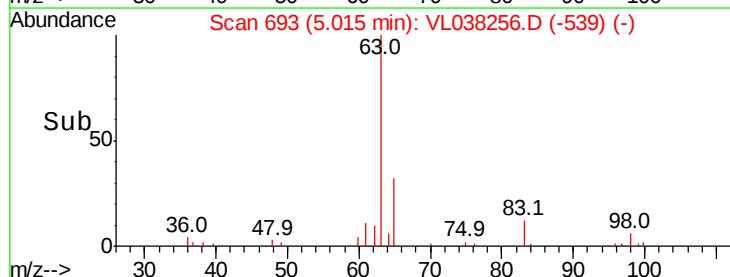
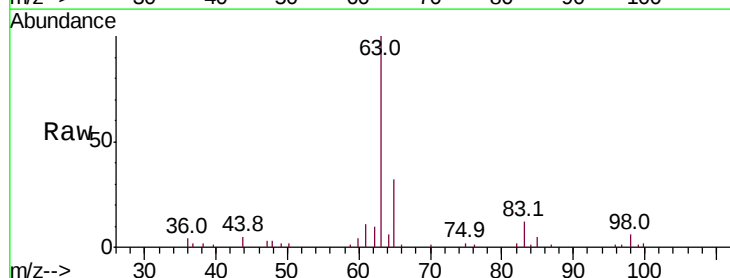
Tgt Ion: 63 Resp: 47970

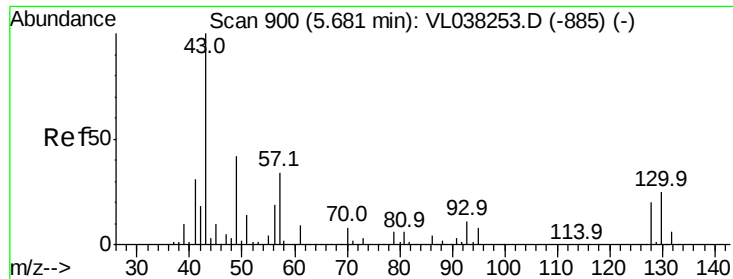
Ion Ratio Lower Upper

63 100

98 6.0 2.3 6.8

100 1.8 1.3 3.9



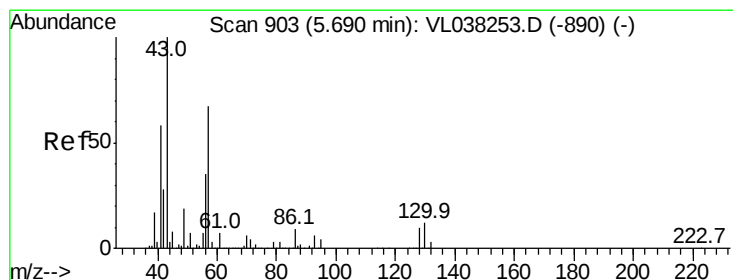
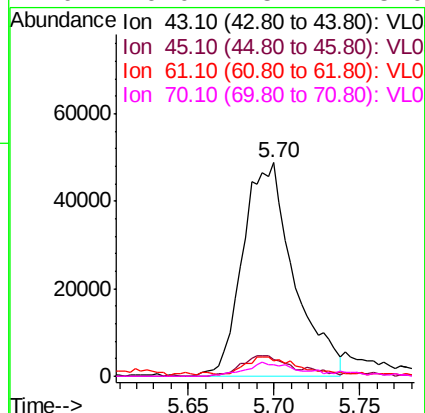
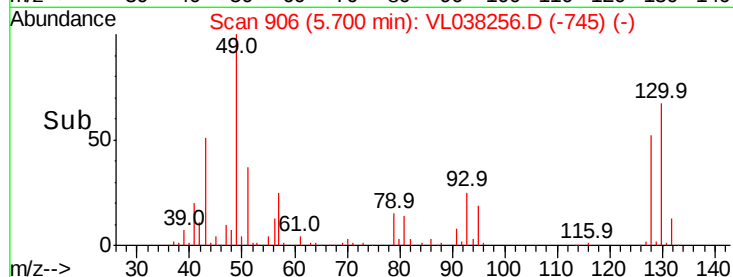
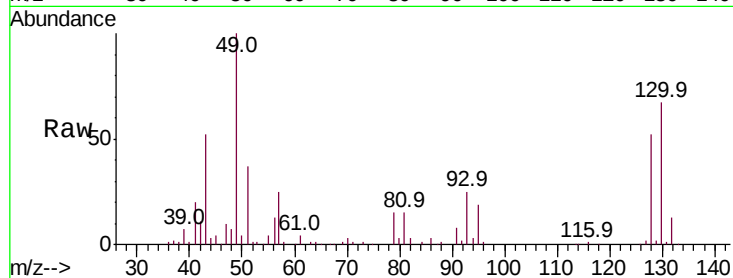


#25
Ethyl Acetate
Concen: 0.454 ppbv
RT: 5.70 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 24 Jan 2022 11:21

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 11.1, 61 12.1, 70 6.0, 5.4, 8.0

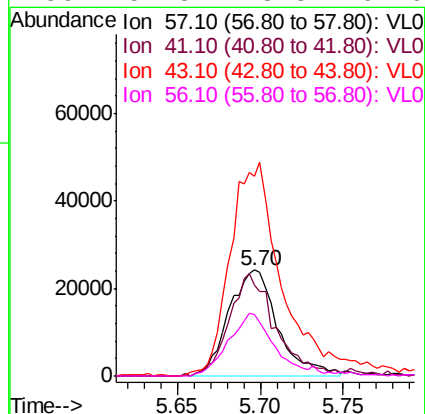
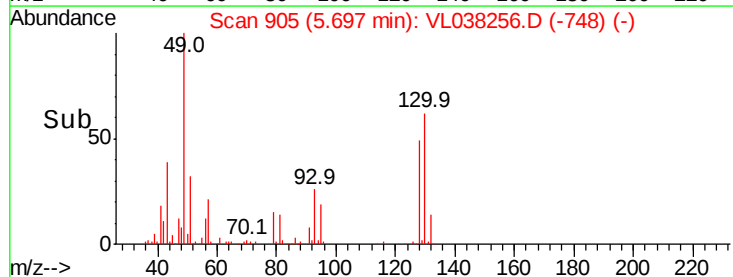
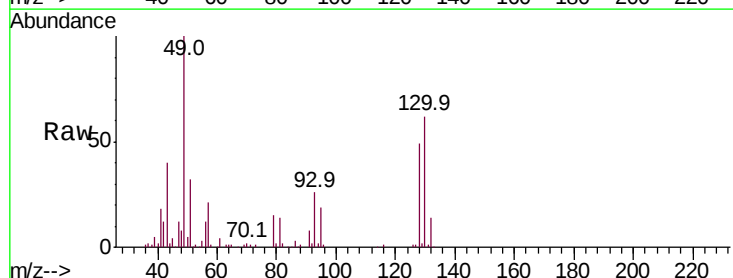
Manual Integrations
APPROVED

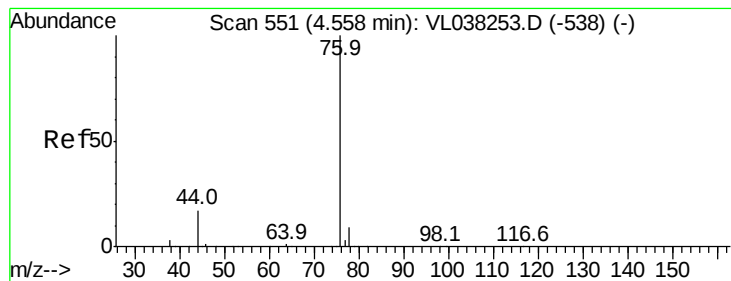
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 0.446 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 57 Resp: 49788
Ion Ratio Lower Upper
57 100
41 95.2 72.8 109.2
43 228.9 177.0 265.6
56 57.8 43.3 64.9





#27

Carbon Disulfide

Concen: 0.529 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

76 100

44 16.

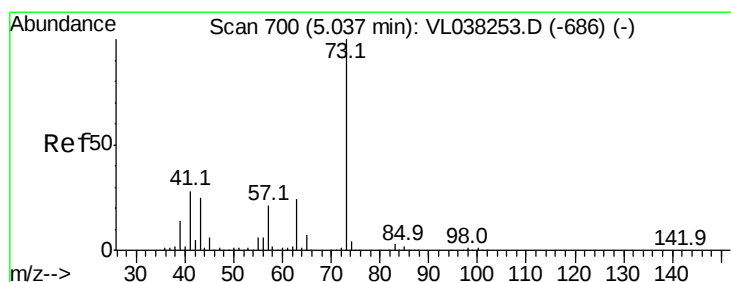
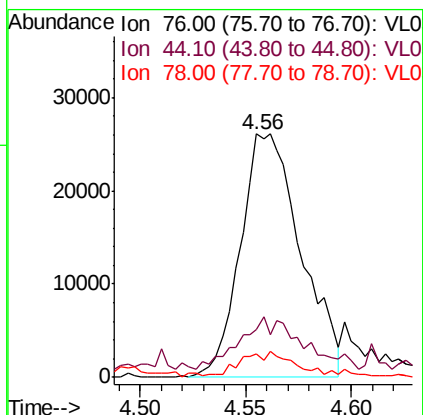
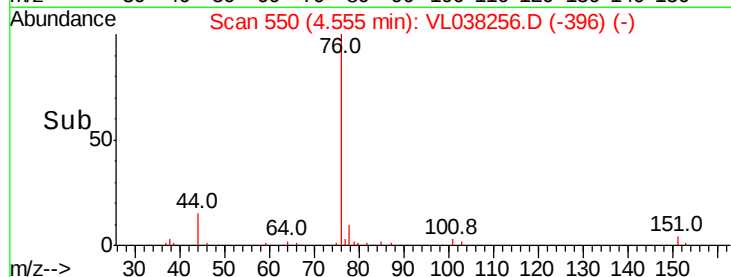
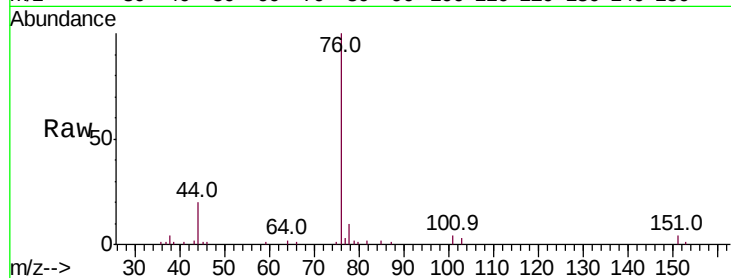
78 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#28

Methyl tert-Butyl Ether

Concen: 0.437 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.02 min

Lab File: VL038256.D

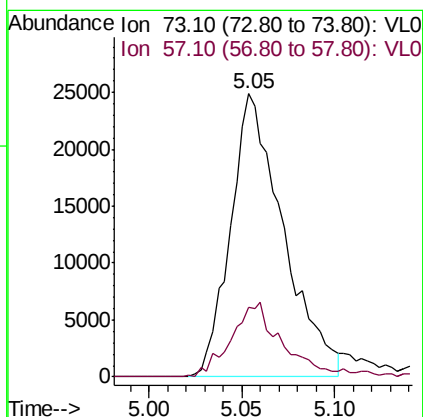
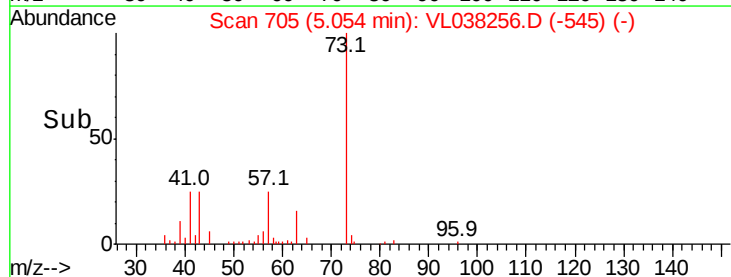
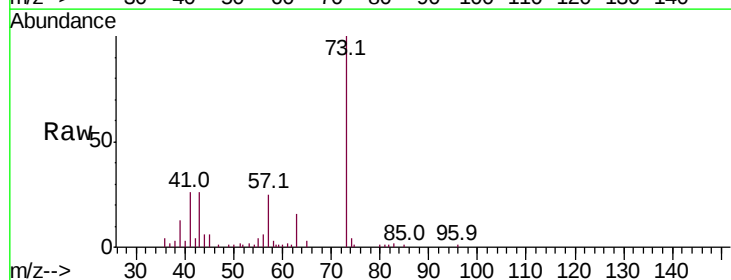
Acq: 24 Jan 2022 11:21

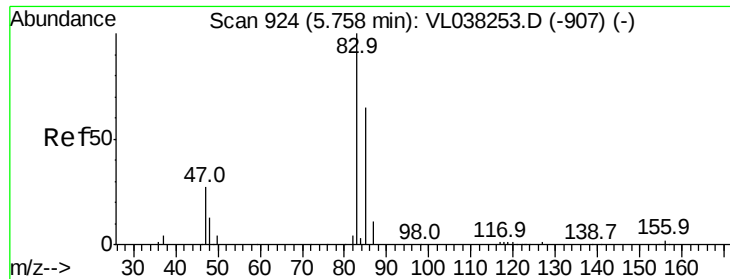
Tgt Ion: 73 Resp: 49079

Ion Ratio Lower Upper

73 100

57 26.3 18.2 27.4



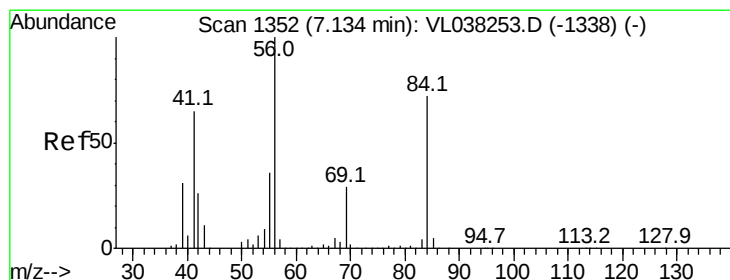
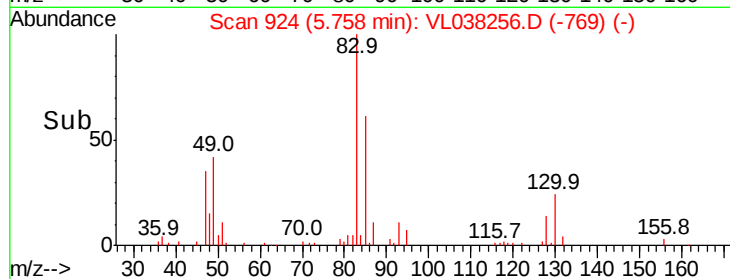
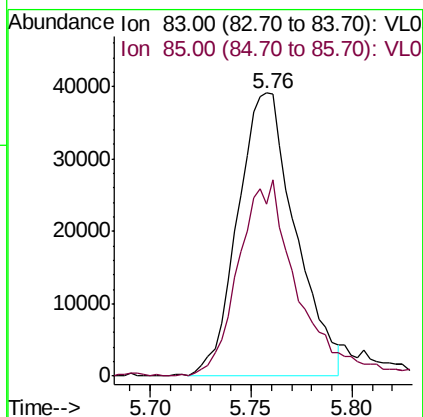
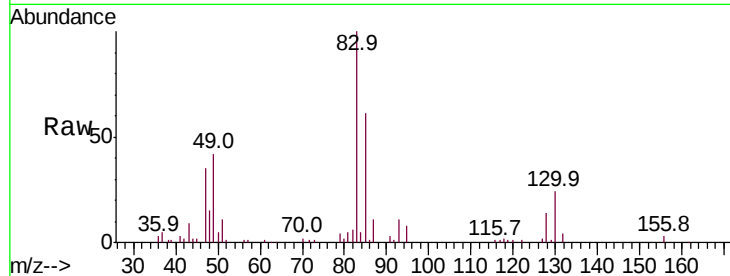


#29
Chloroform
Concen: 0.472 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:
Ion Ratio
83 100
85 60.

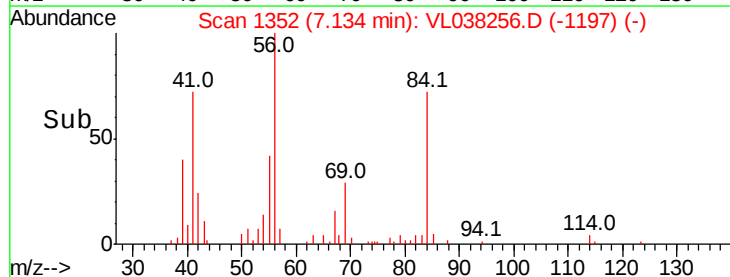
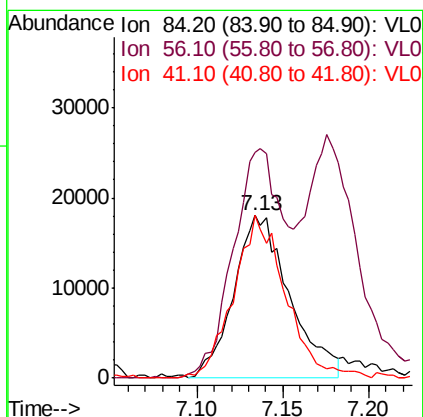
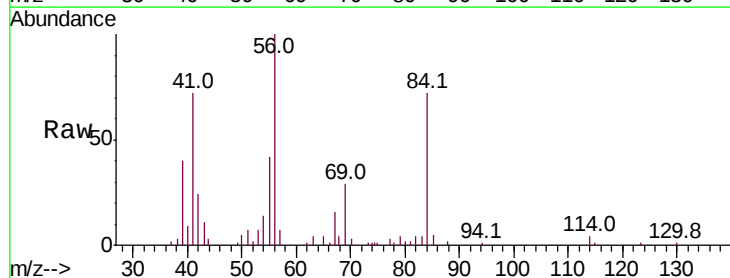
Manual Integrations
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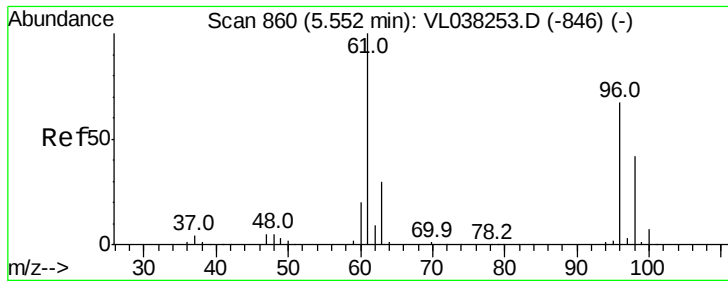
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#30
Cyclohexane
Concen: 0.413 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 84 Resp: 40857
Ion Ratio Lower Upper
84 100
56 137.4 112.7 169.1
41 93.7 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 0.541 ppbv m

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.5

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

61 100

96 64.

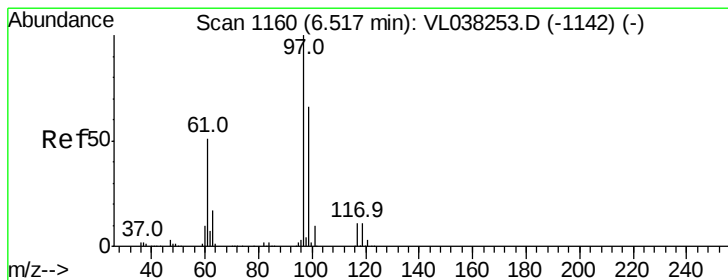
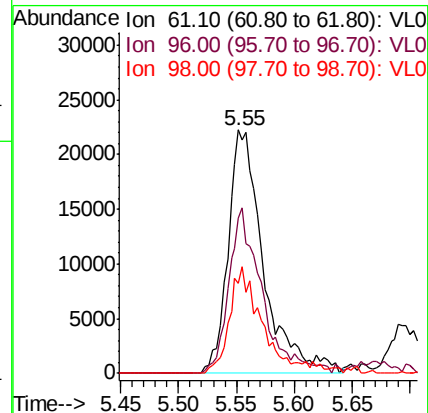
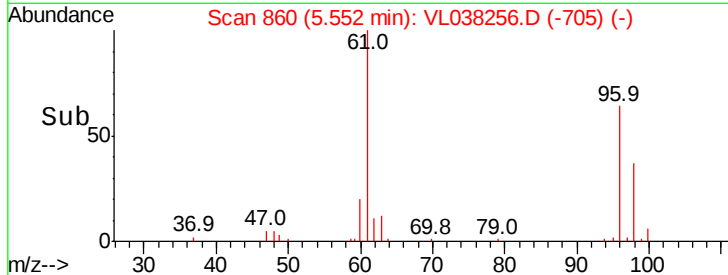
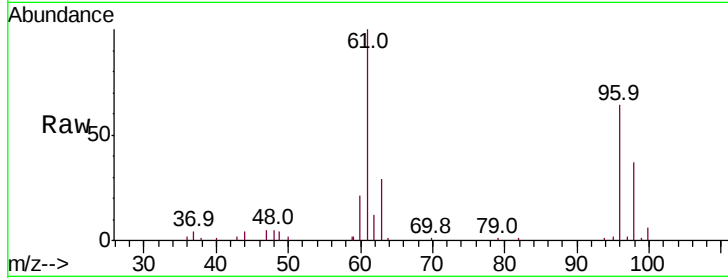
98 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#32

1,1,1-Trichloroethane

Concen: 0.487 ppbv m

RT: 6.52 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

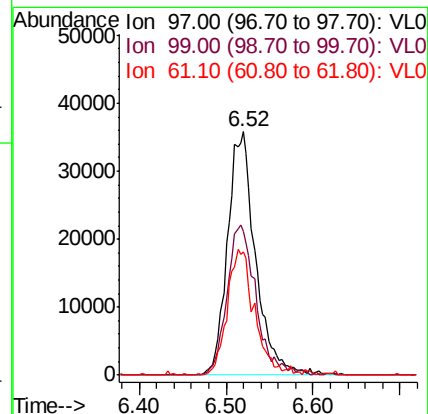
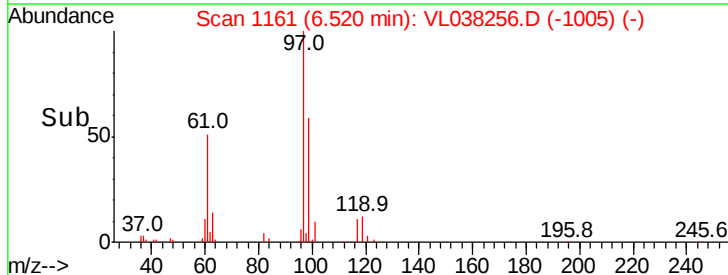
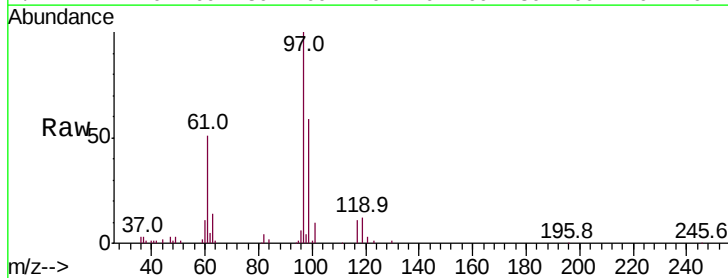
Tgt Ion: 97 Resp: 80104

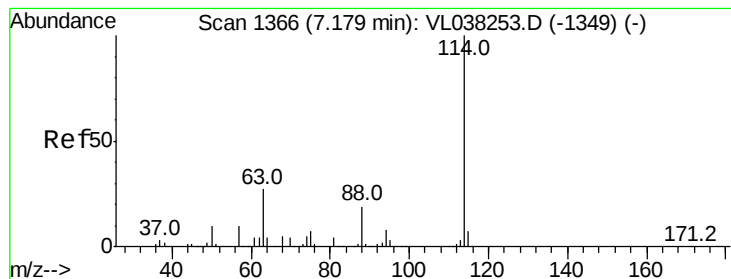
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 51.7 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

VSTDIC0.5

Acq: 24 Jan 2022 11:21

Tot Ion:1

Ion Rati

114 100

63 27.

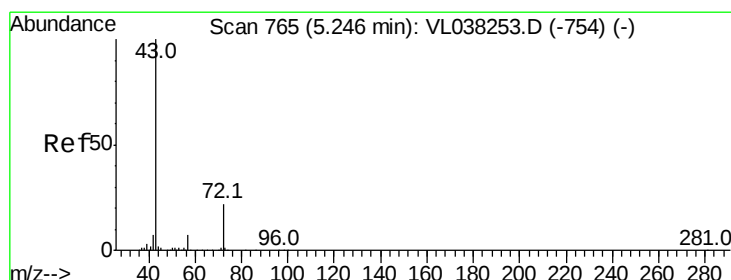
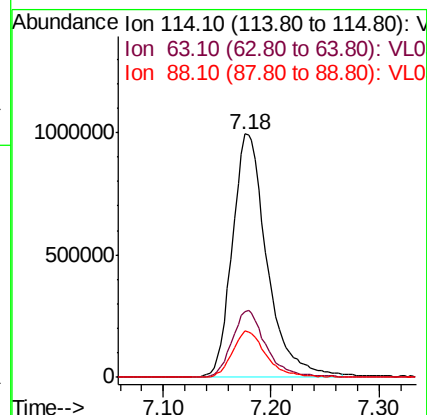
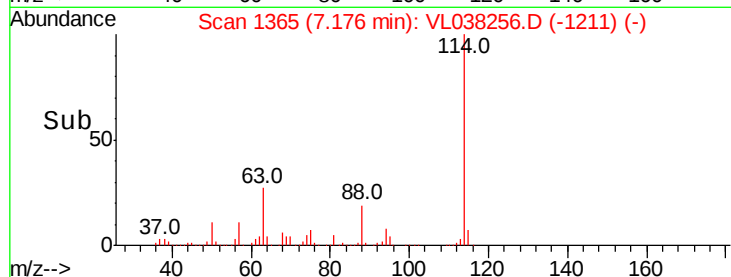
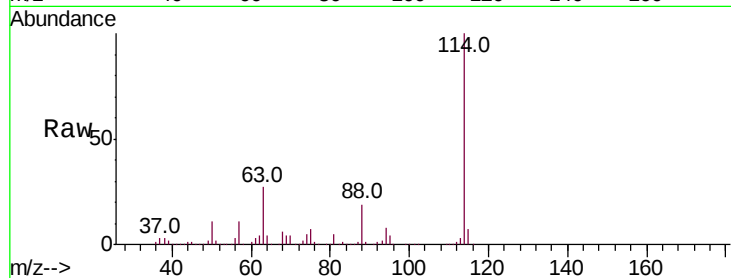
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#34

2-Butanone

Concen: 0.539 ppbv

RT: 5.27 min Scan# 772

Delta R.T. 0.02 min

Lab File: VL038256.D

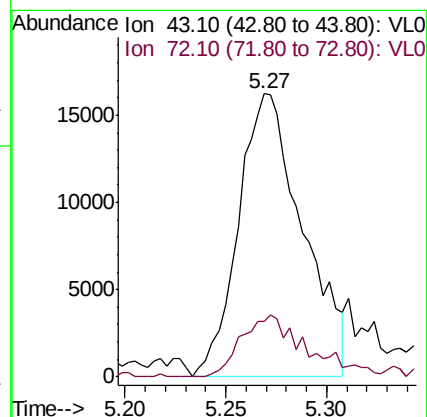
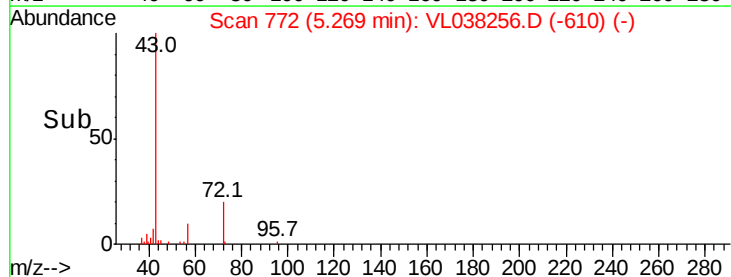
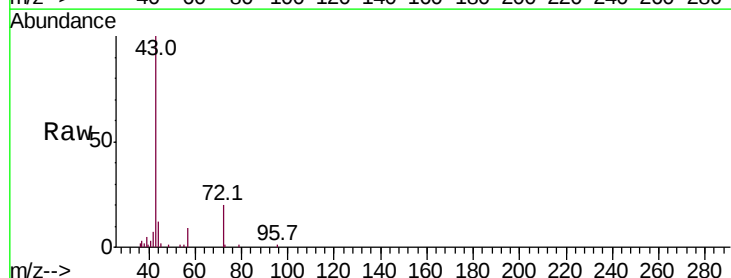
Acq: 24 Jan 2022 11:21

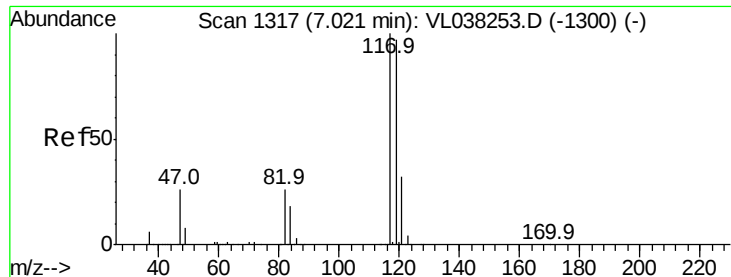
Tgt Ion: 43 Resp: 36098

Ion Ratio Lower Upper

43 100

72 22.2 18.1 27.1



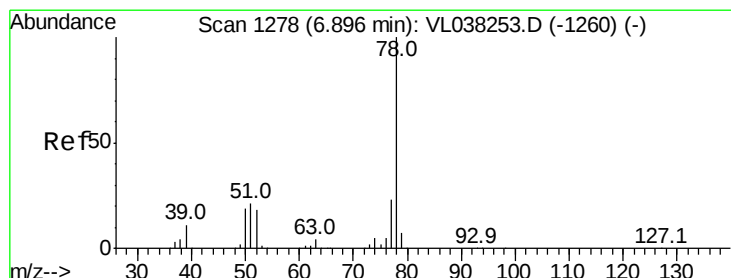
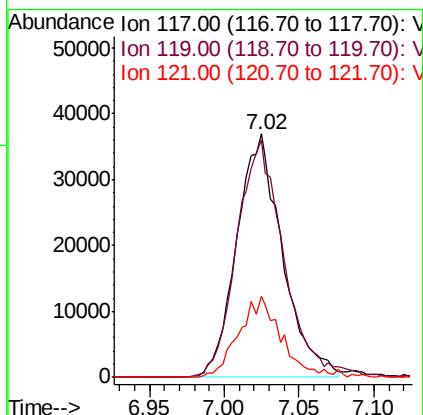
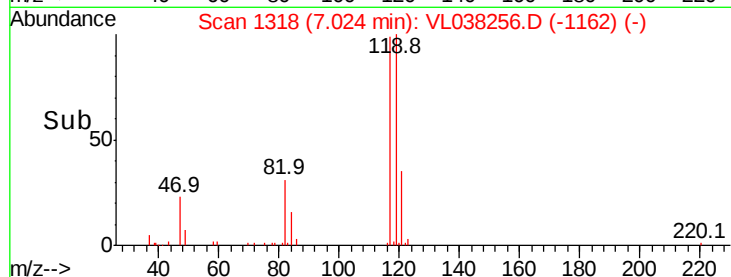
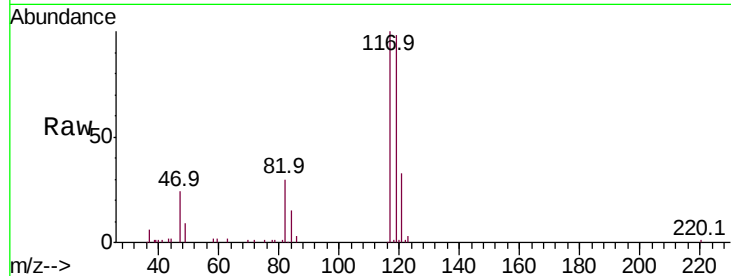


#35
Carbon Tetrachloride
Concen: 0.570 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 11:21
VSTDIC0.5

Tot Ion:1
Ion Rati
117 100
119 97.
121 33.

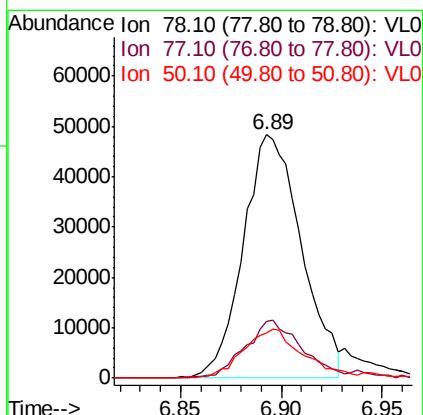
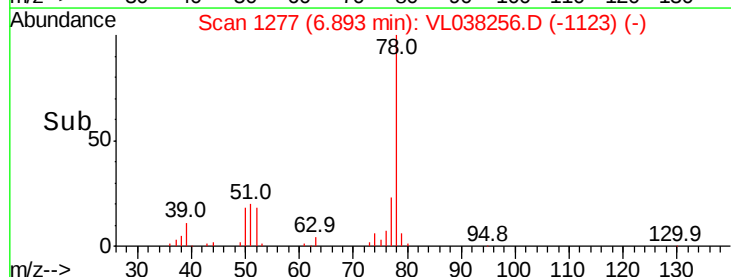
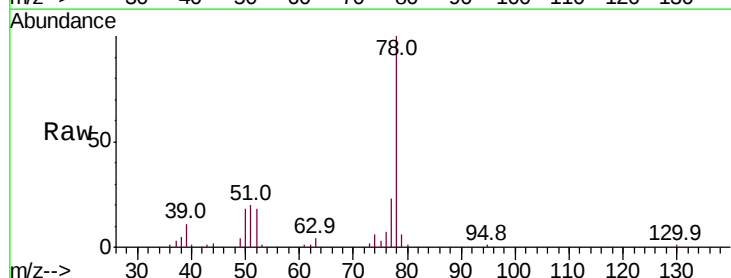
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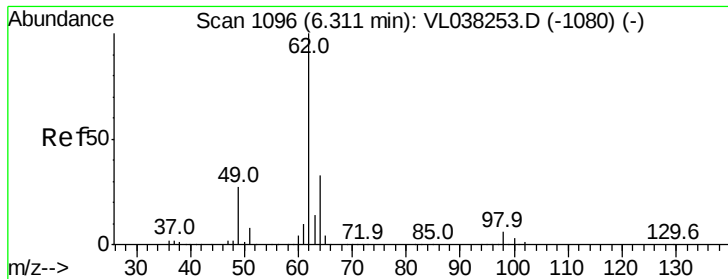
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#36
Benzene
Concen: 0.468 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 78 Resp: 97296
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2
50 16.9 15.1 22.7



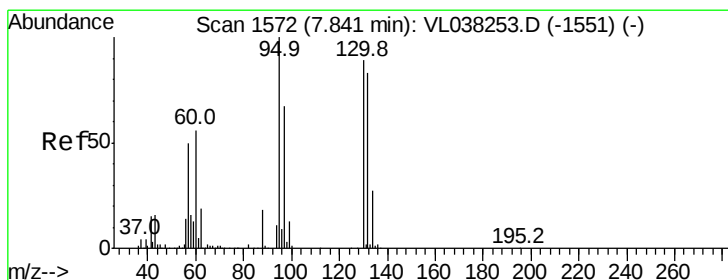
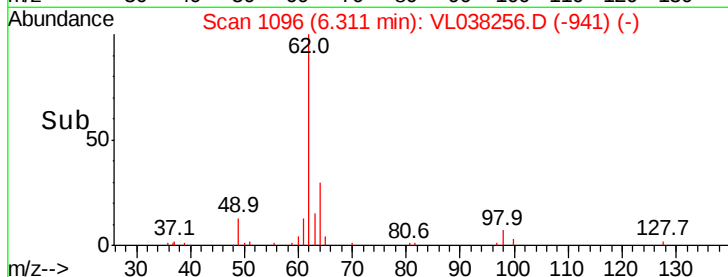
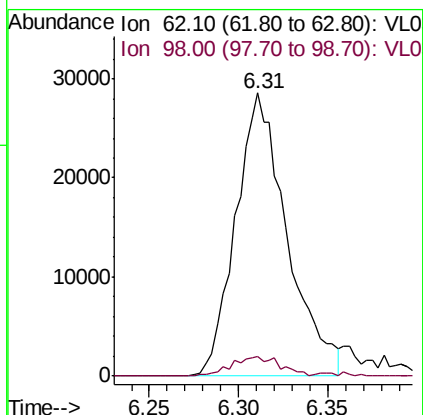
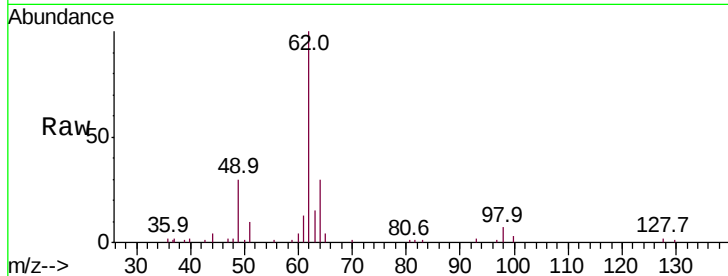


#37
 1,2-Dichloroethane
 Concen: 0.550 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 62 100
 98 6.

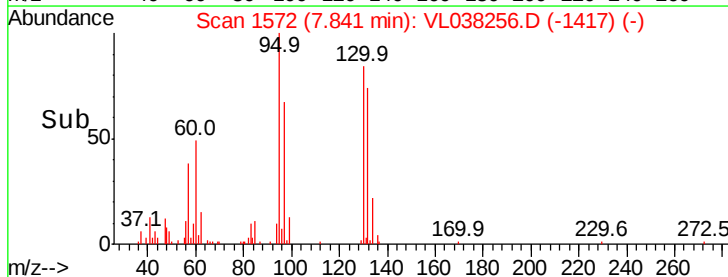
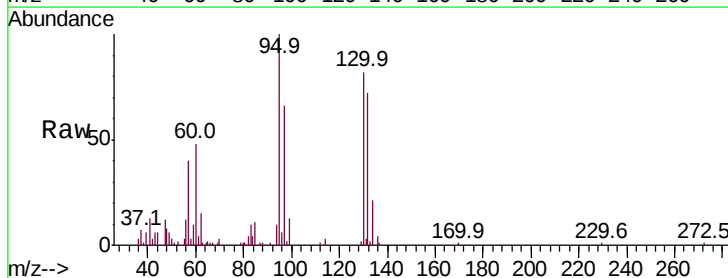
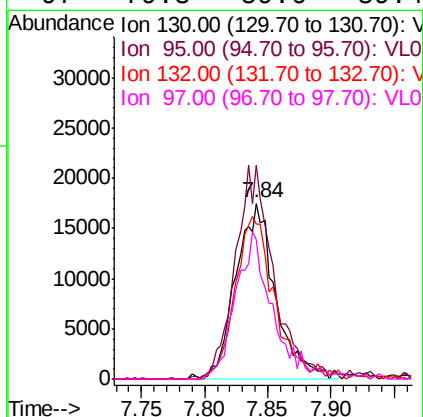
Manual Integrations
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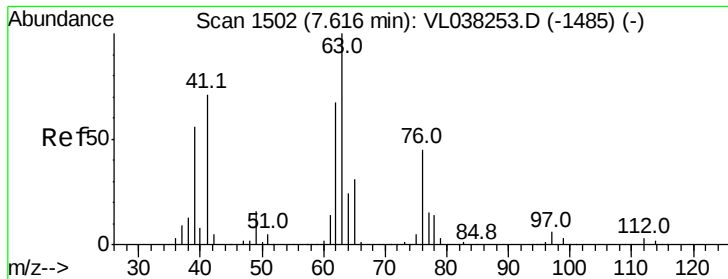
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#38
 Trichloroethene
 Concen: 0.484 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:130 Resp: 38263
 Ion Ratio Lower Upper
 130 100
 95 121.6 89.4 134.2
 132 88.0 74.6 111.8
 97 79.8 59.6 89.4



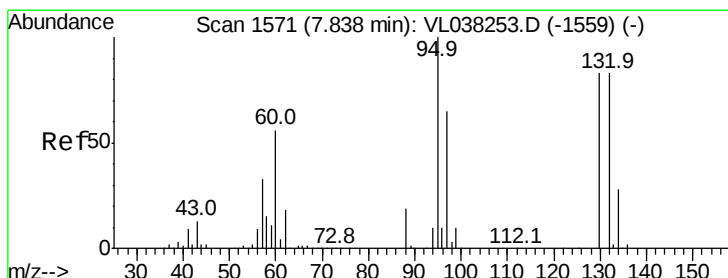
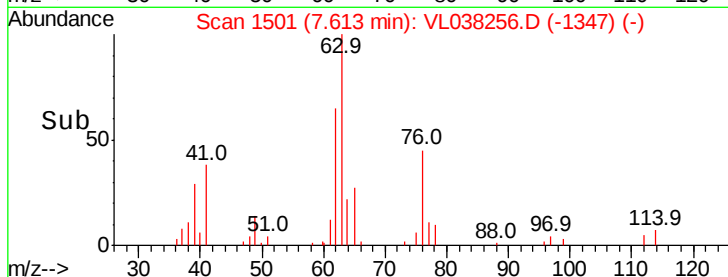
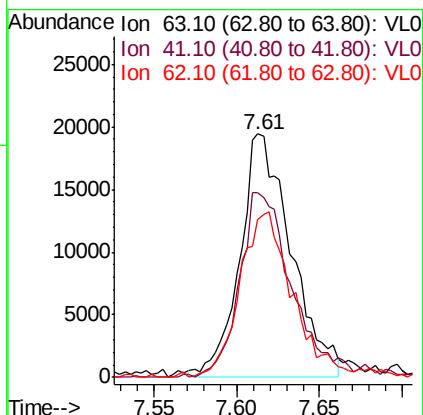
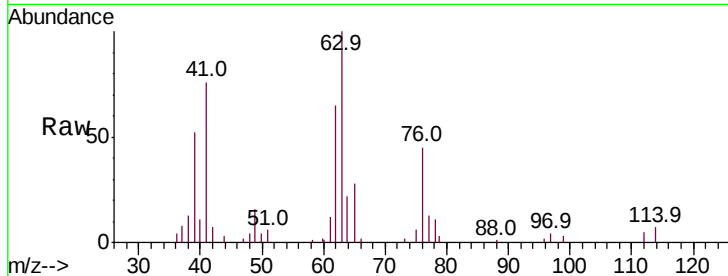


#39
 1,2-Dichloropropane
 Concen: 0.524 ppbv m
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 64.

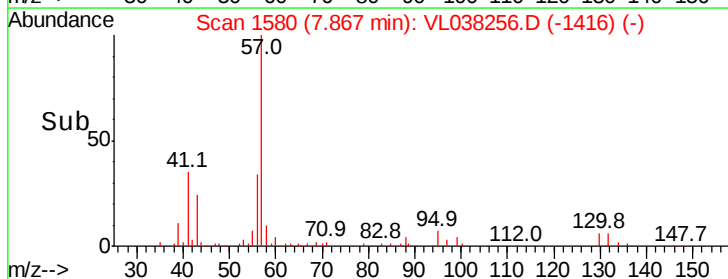
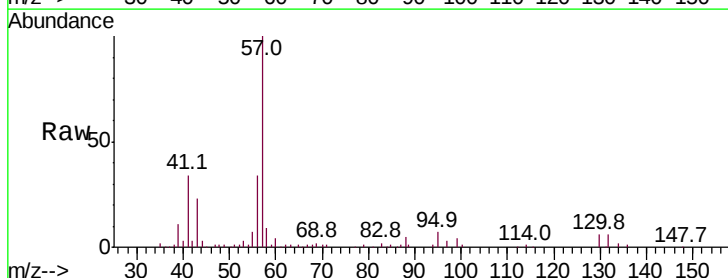
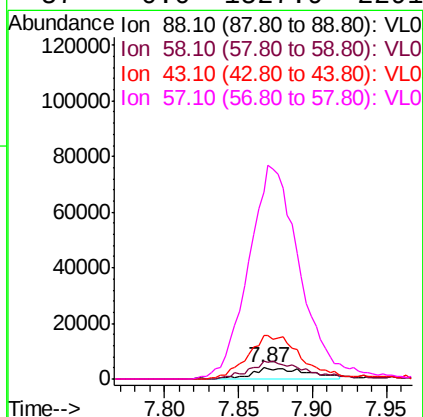
Manual Integrations
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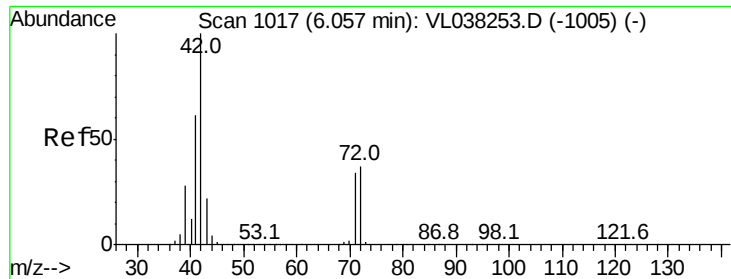
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#40
 1,4-Dioxane
 Concen: 0.445 ppbv m
 RT: 7.87 min Scan# 1580
 Delta R.T. 0.03 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion: 88 Resp: 10350
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#





#41

Tetrahydrofuran

Concen: 0.498 ppbv m

RT: 6.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

42 100

72 39.

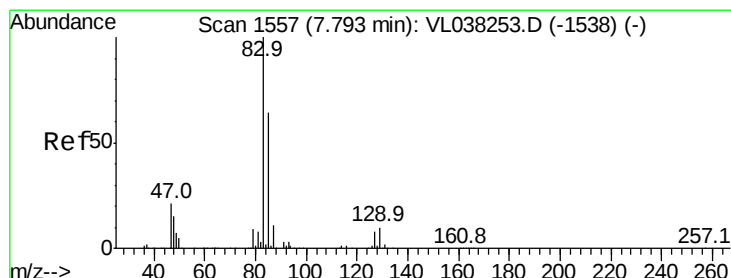
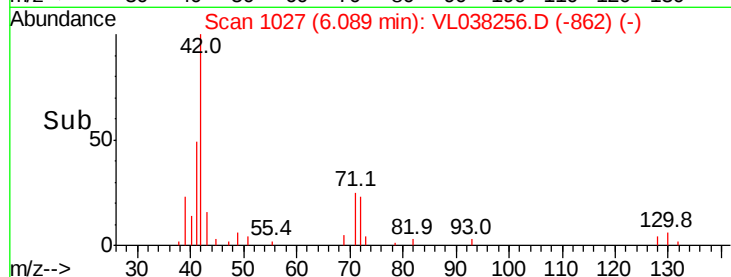
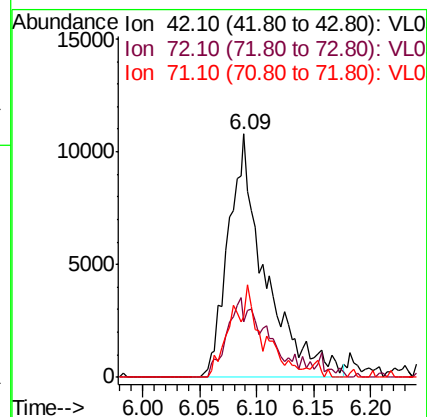
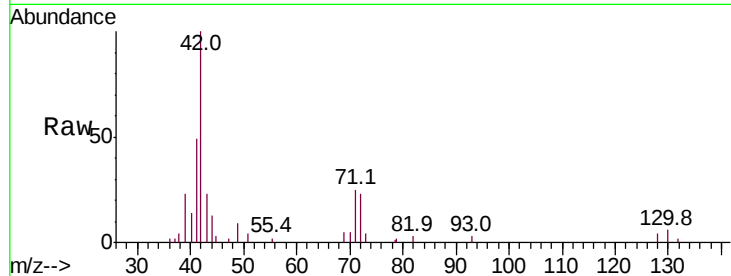
71 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#42

Bromodichloromethane

Concen: 0.592 ppbv m

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

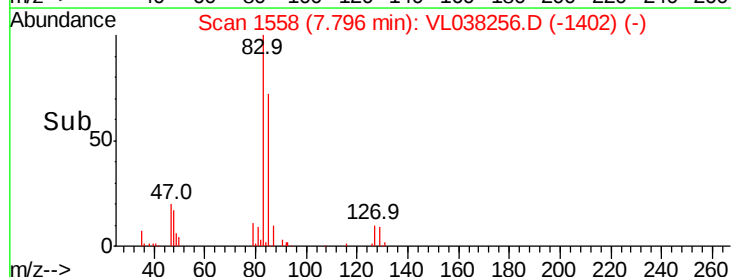
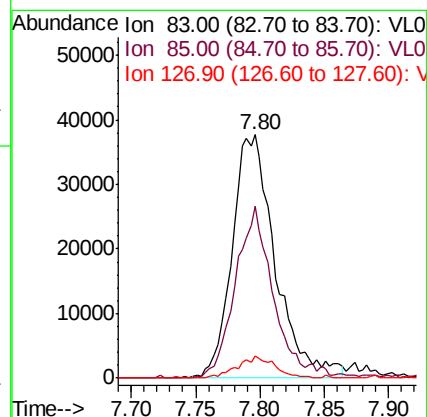
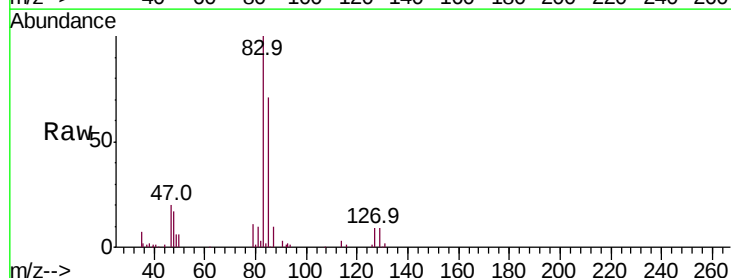
Tgt Ion: 83 Resp: 87851

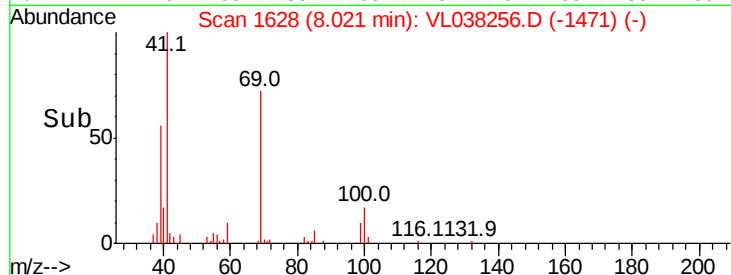
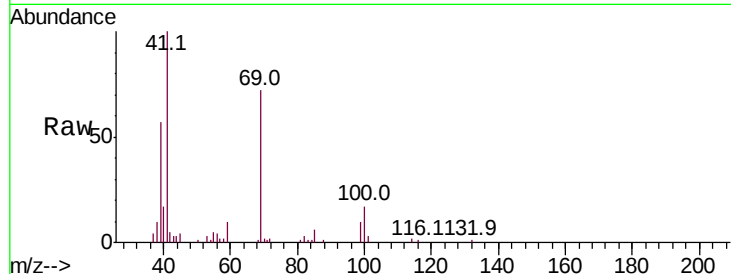
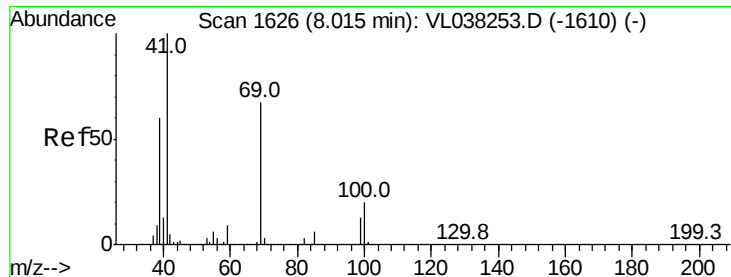
Ion Ratio Lower Upper

83 100

85 70.7 51.5 77.3

127 9.3 6.2 9.4





#43

Methyl Methacrylate

Concen: 0.460 ppbv m

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

69 100

41 164.

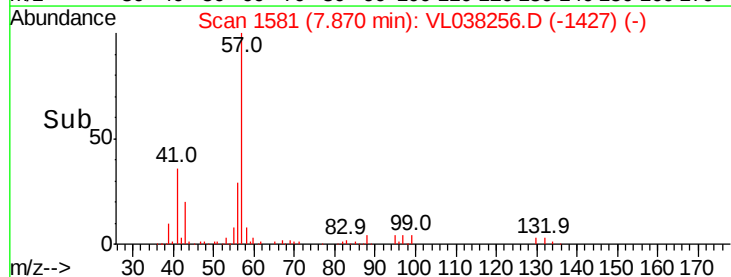
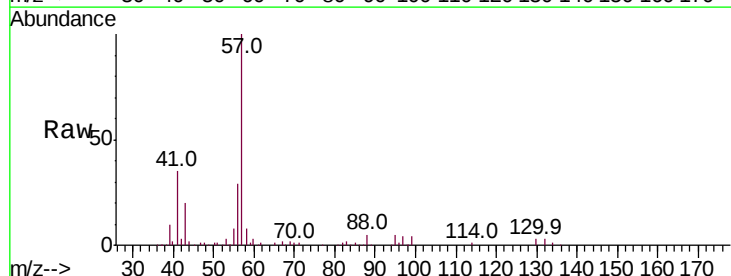
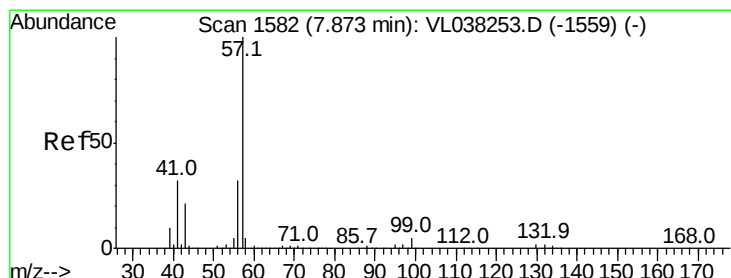
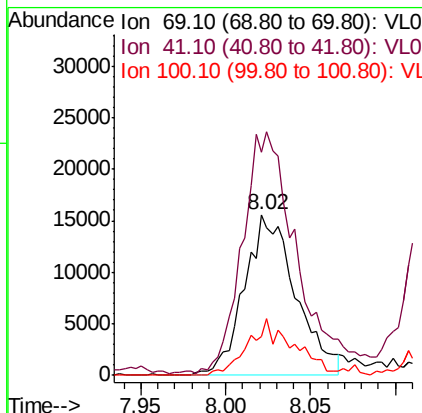
100 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#44

2,2,4-Trimethylpentane

Concen: 0.518 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

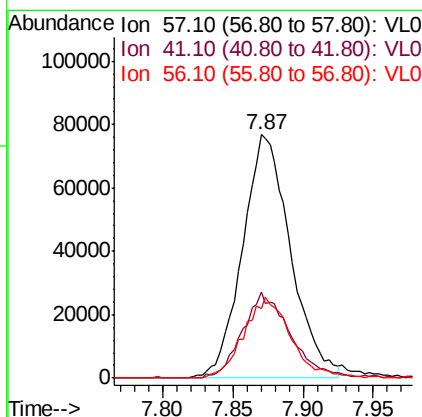
Tgt Ion: 57 Resp: 182768

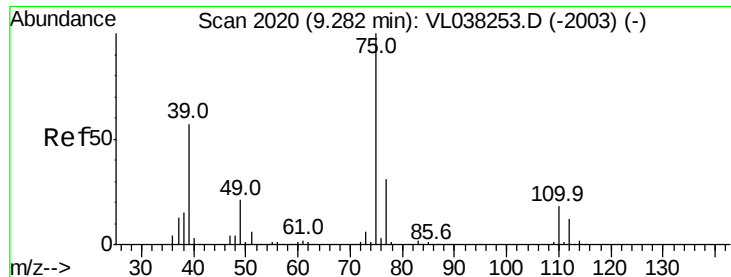
Ion Ratio Lower Upper

57 100

41 35.6 26.3 39.5

56 32.9 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 0.453 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

75 100

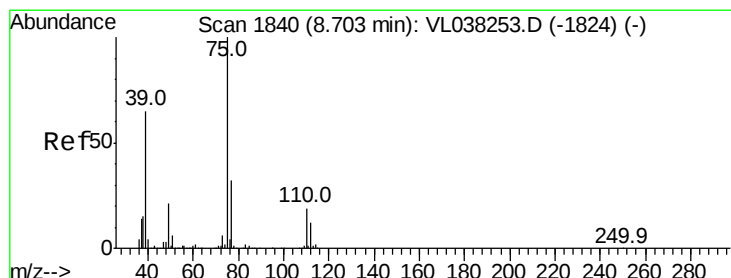
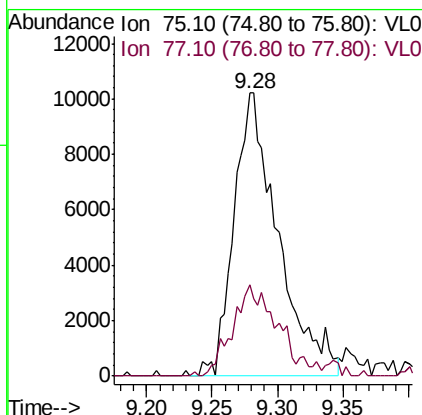
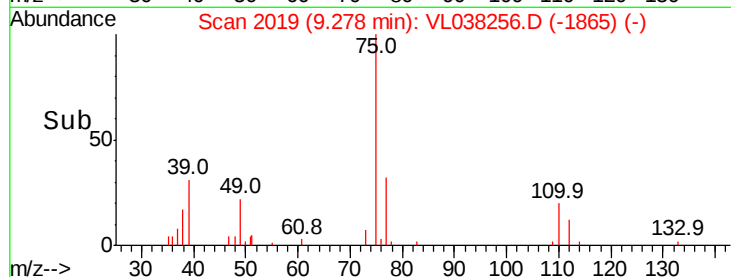
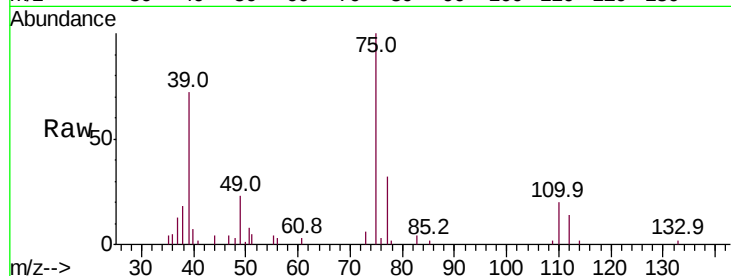
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#46

cis-1,3-Dichloropropene

Concen: 0.485 ppbv m

RT: 8.70 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

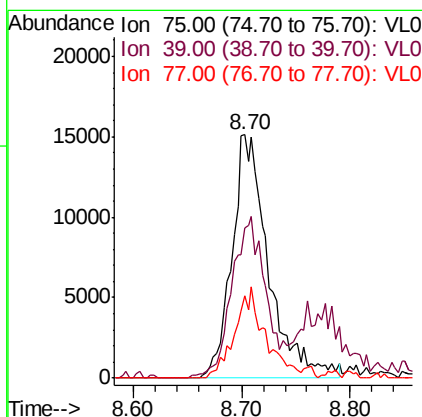
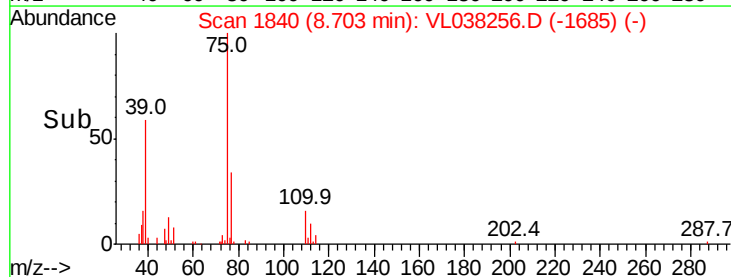
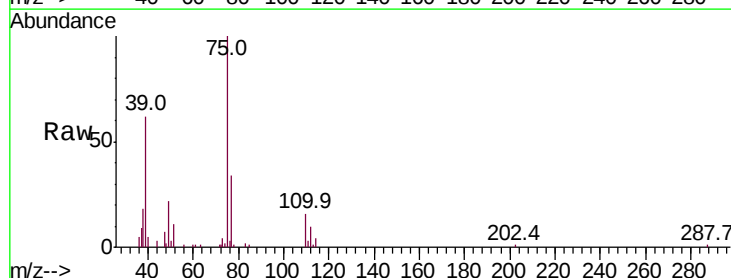
Tgt Ion: 75 Resp: 35559

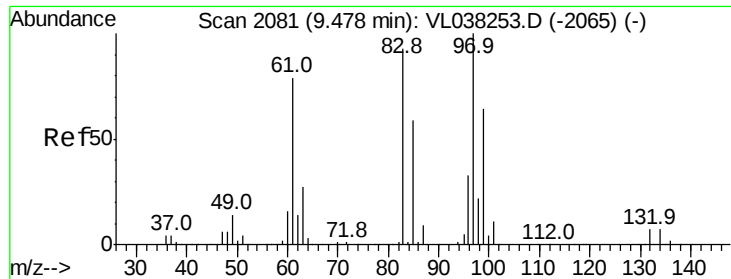
Ion Ratio Lower Upper

75 100

39 61.8 52.3 78.5

77 33.8 25.4 38.0



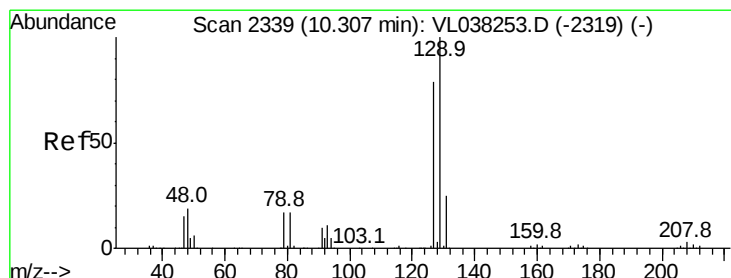
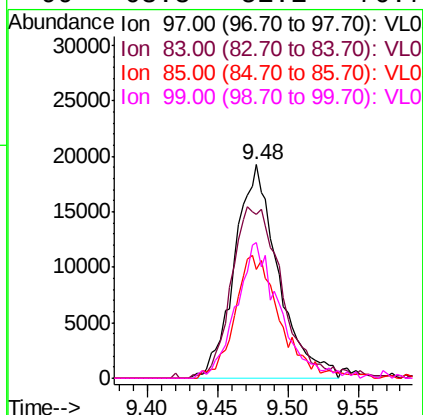
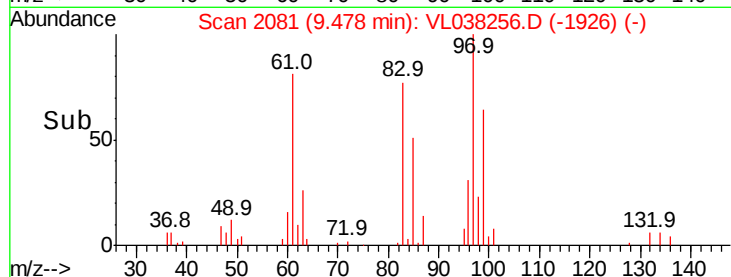
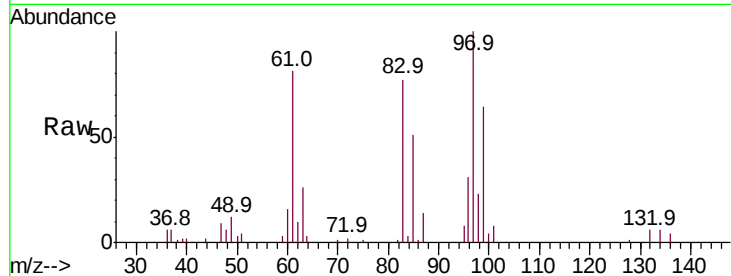


#47
 1,1,2-Trichloroethane
 Concen: 0.501 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 97 100
 83 77.
 85 50.
 99 63.8 51.1 76.7

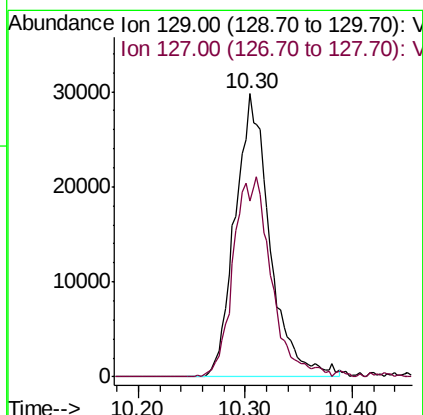
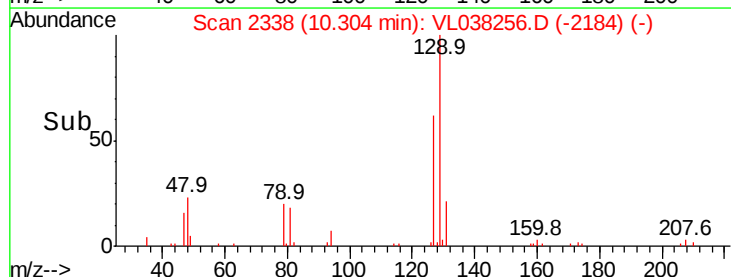
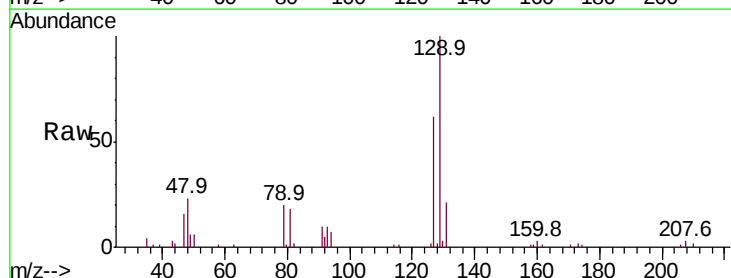
Manual Integrations
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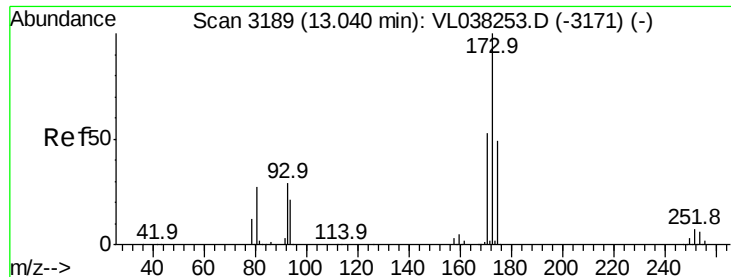
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#48
 Dibromochloromethane
 Concen: 0.575 ppbv m
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:129 Resp: 67132
 Ion Ratio Lower Upper
 129 100
 127 77.3 39.1 117.3





#49

Bromoform

Concen: 0.538 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 24 Jan 2022 11:21

Instrument:

MSVOA_1

ClientSampleId:

VSTDIC0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022

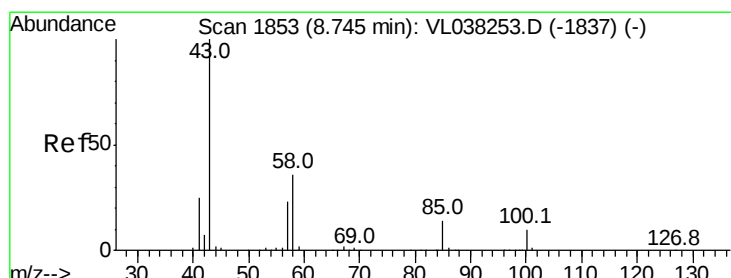
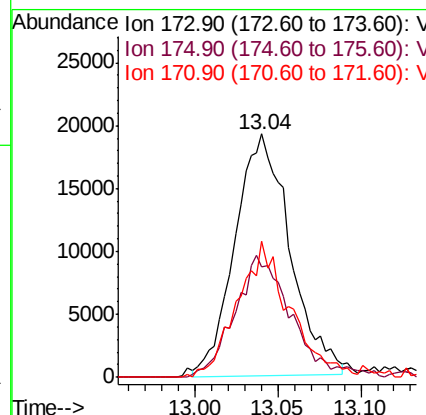
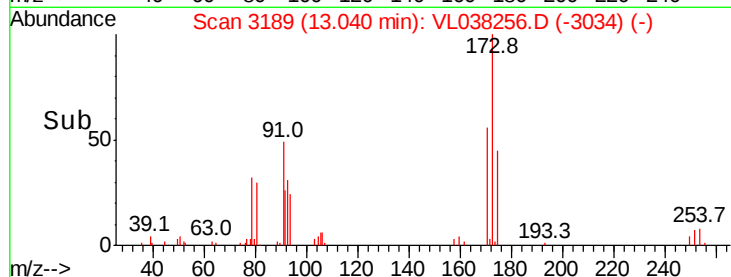
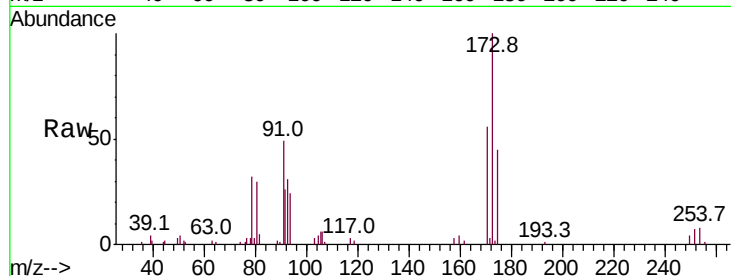
Tot Ion:1

Ion Rati

173 100

175 51.

171 54.



#50

4-Methyl-2-Pentanone

Concen: 0.521 ppbv m

RT: 8.78 min Scan# 1863

Delta R.T. 0.03 min

Lab File: VL038256.D

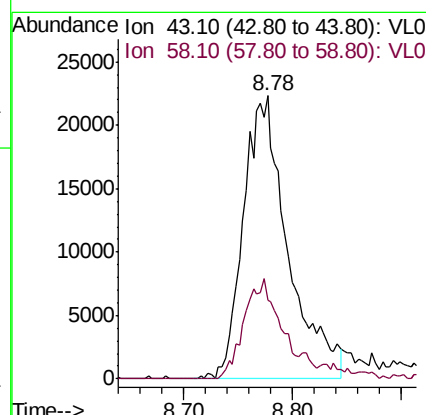
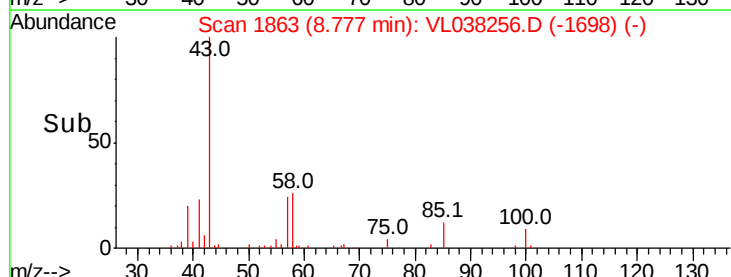
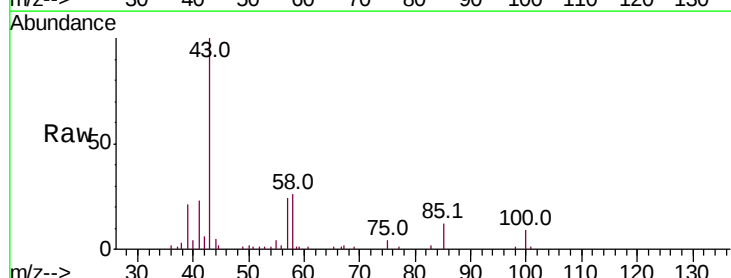
Acq: 24 Jan 2022 11:21

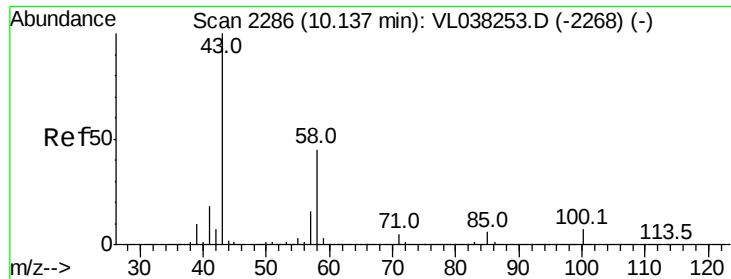
Tgt Ion: 43 Resp: 63392

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#



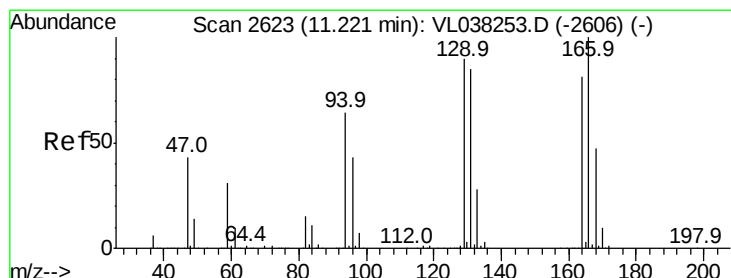
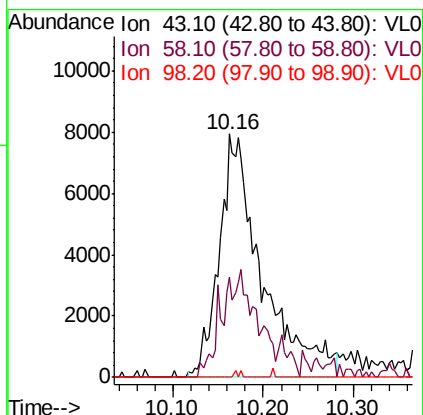
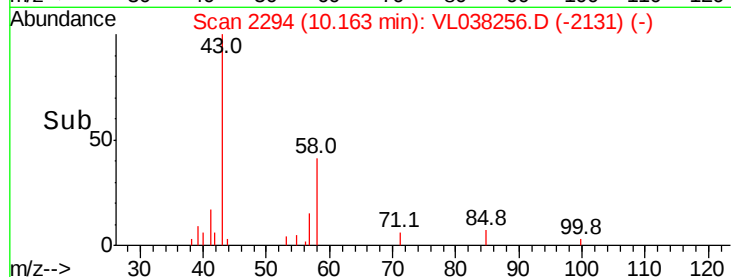
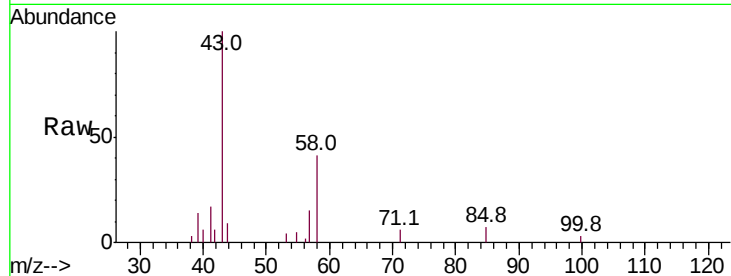


#51
2-Hexanone
Concen: 0.449 ppbv m
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 24 Jan 2022 11:21
VSTDIC0.5

Tot Ion:
Ion Ratio
43 100
58 0.
98 0.

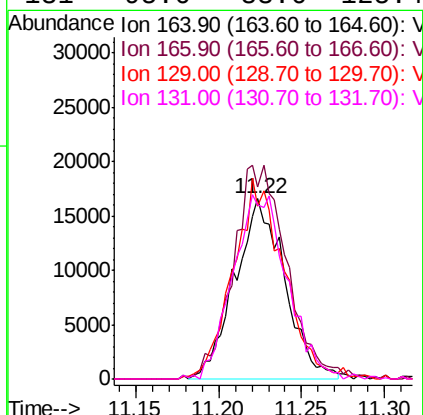
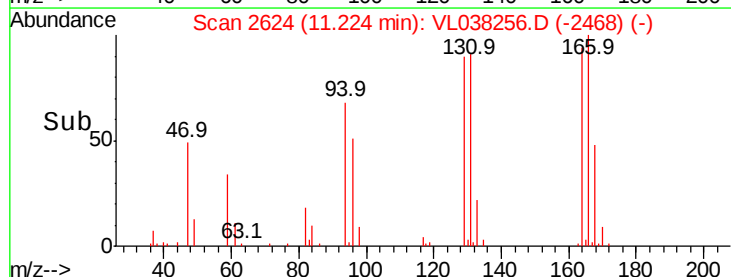
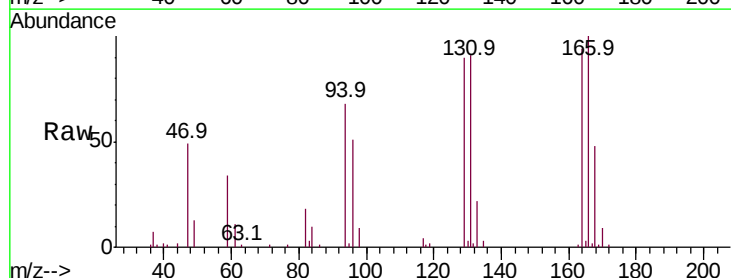
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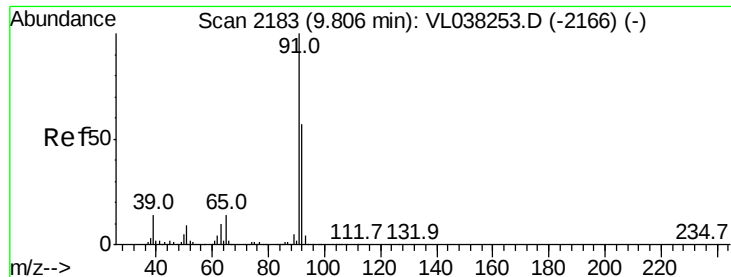
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#52
Tetrachloroethene
Concen: 0.451 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:164 Resp: 34626
Ion Ratio Lower Upper
164 100
166 105.1 98.8 148.2
129 94.8 89.2 133.8
131 95.6 83.6 125.4





#53

Toluene

Concen: 0.442 ppbv

RT: 9.81 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21 VSTDIC0.5

Tot Ion:

Ion Ratio

91 100

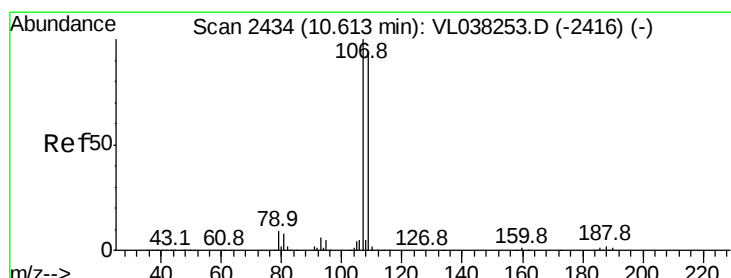
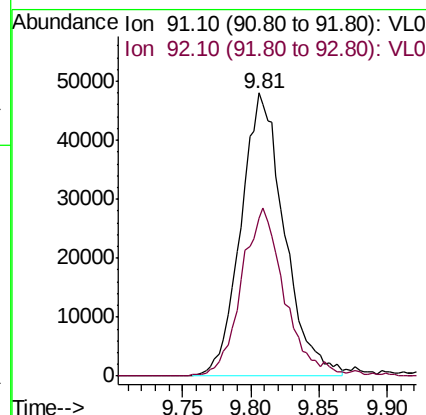
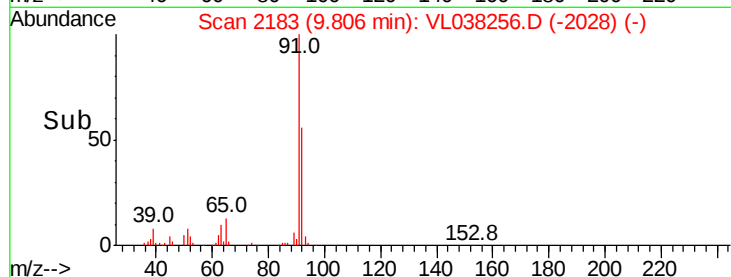
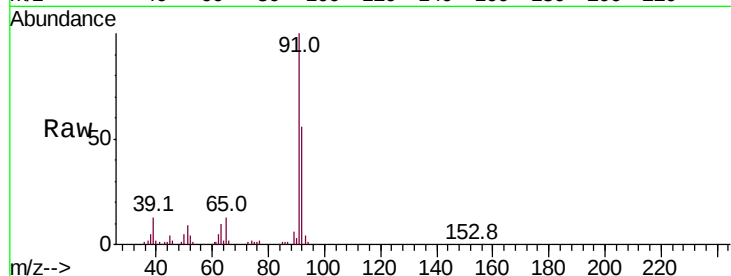
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#54

1,2-Dibromoethane

Concen: 0.478 ppbv m

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL038256.D

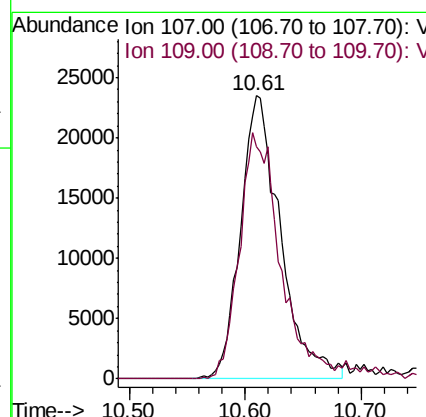
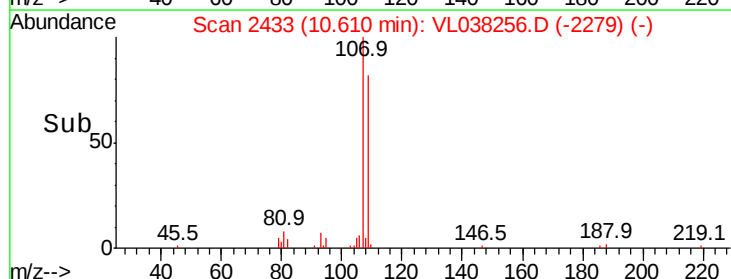
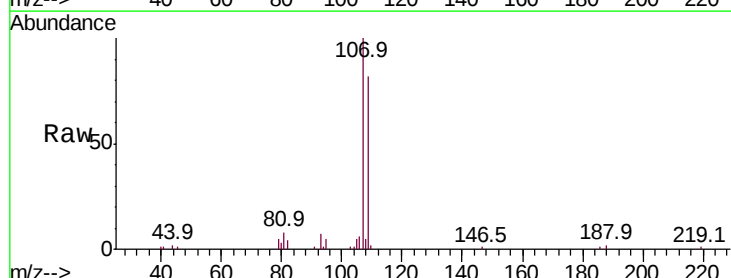
Acq: 24 Jan 2022 11:21

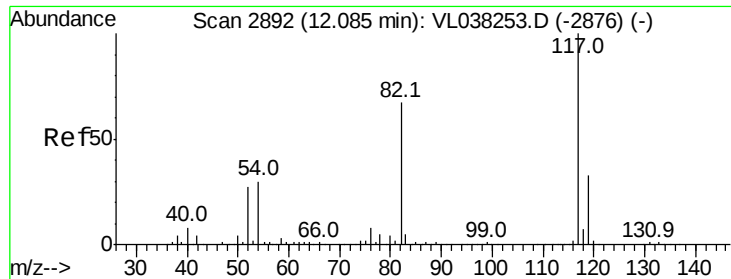
Tgt Ion:107 Resp: 56245

Ion Ratio Lower Upper

107 100

109 82.0 75.4 113.0



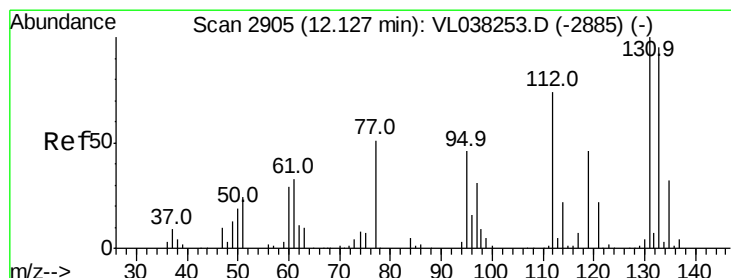
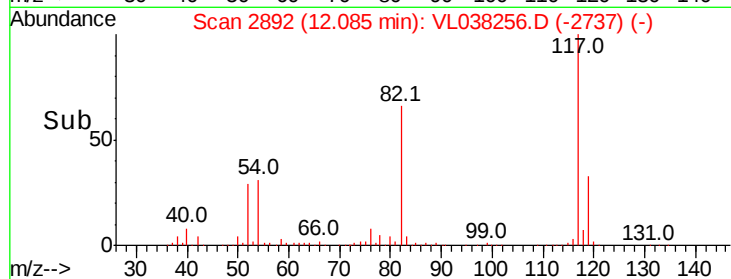
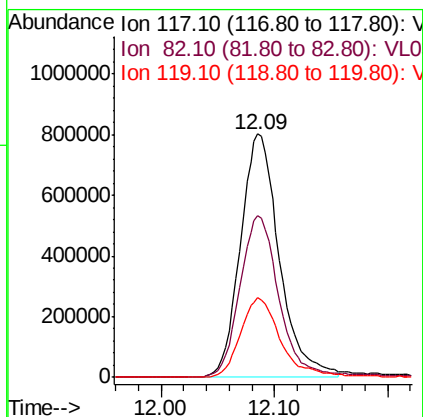
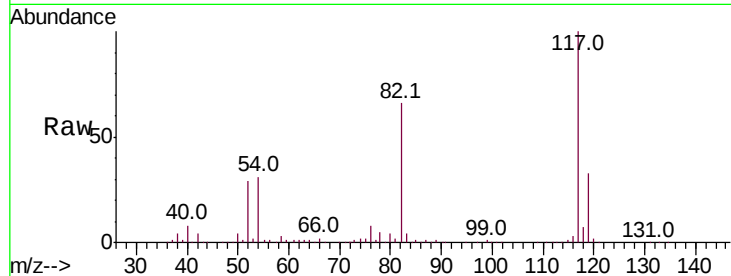


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 11:21

Tot Ion:1
Ion Rati
117 100
82 68.
119 34.

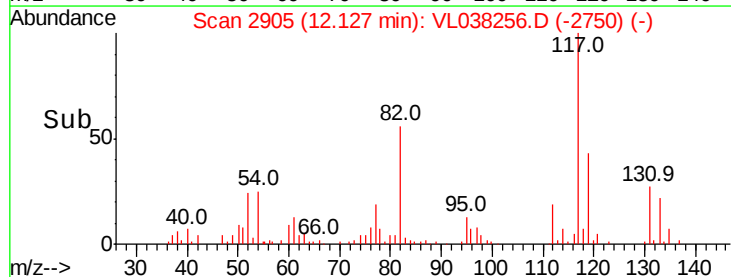
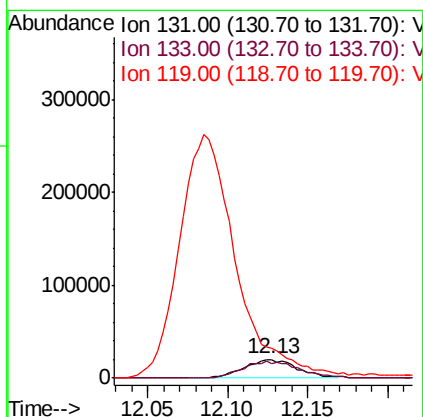
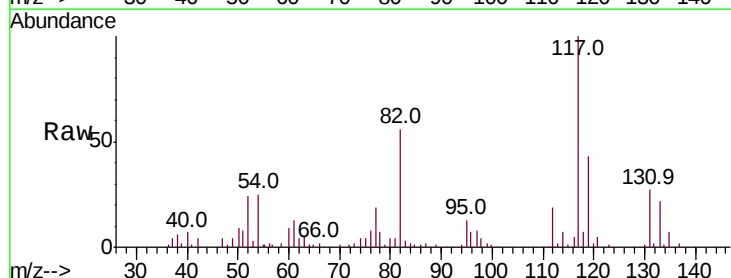
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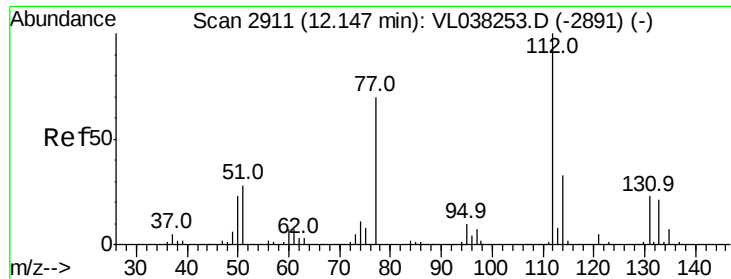
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.574 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:131 Resp: 45750
Ion Ratio Lower Upper
131 100
133 96.7 76.0 114.0
119 1439.9 53.0 79.4#



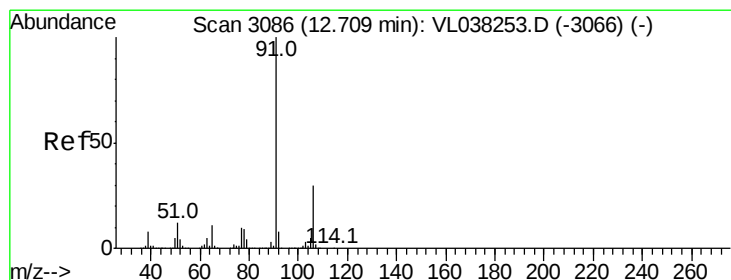
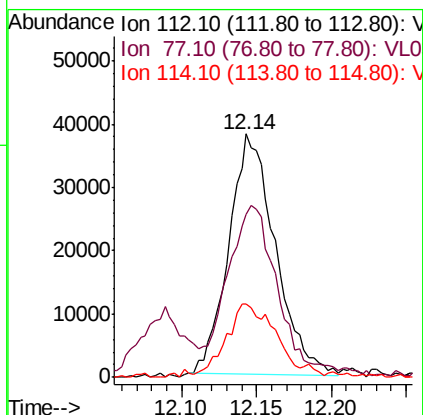
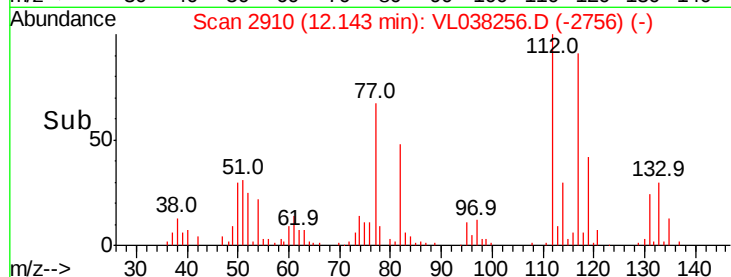
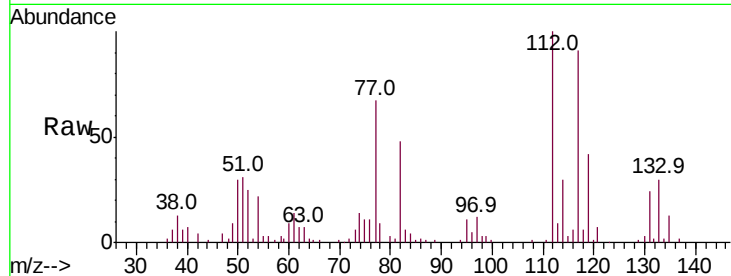


#57
Chlorobenzene
Concen: 0.494 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC0.5
Acq: 24 Jan 2022 11:21

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 29.

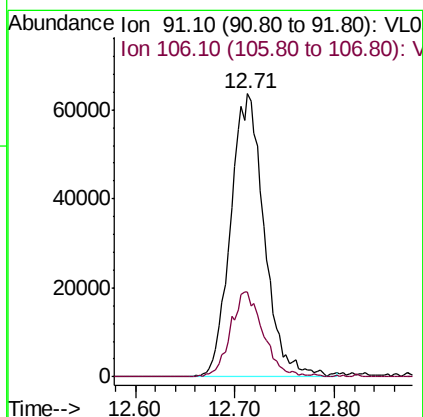
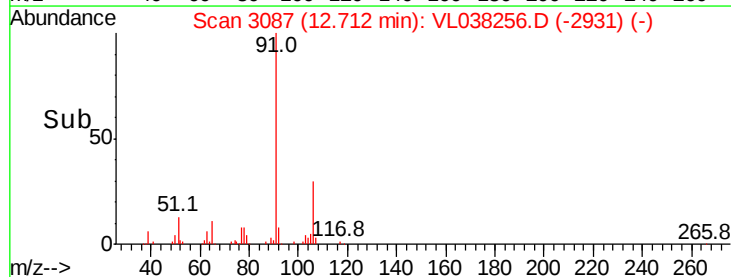
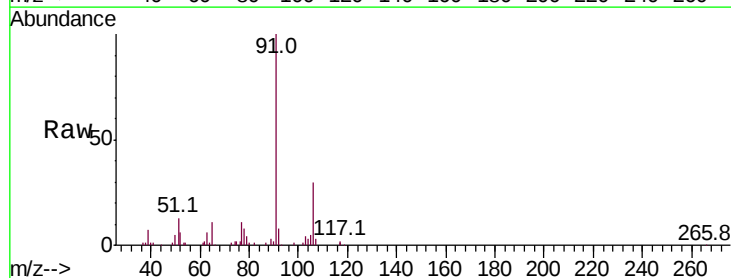
Manual Integrations
APPROVED

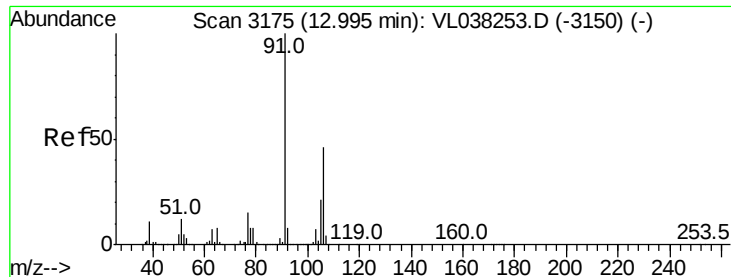
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#58
Ethyl Benzene
Concen: 0.503 ppbv m
RT: 12.71 min Scan# 3087
Delta R.T.: 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 149709
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1





#59

m/p-Xylene

Concen: 1.001 ppbv m

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21

Tot Ion:

Ion Ratio

91 100

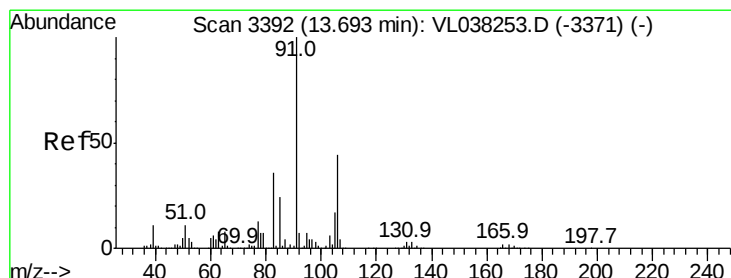
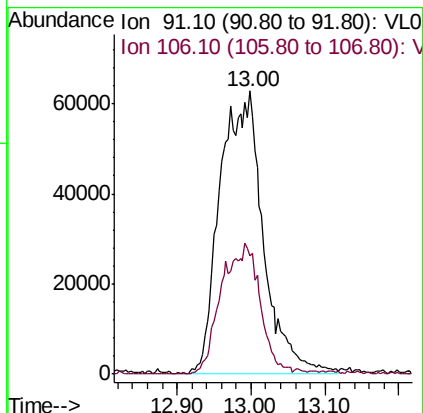
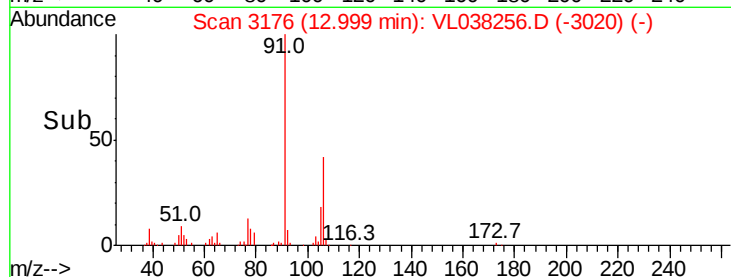
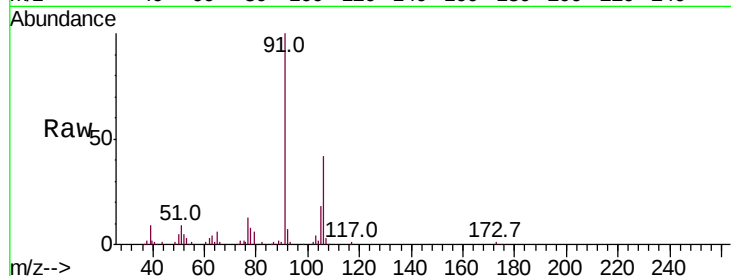
106 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#60

o-Xylene

Concen: 0.506 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VL038256.D

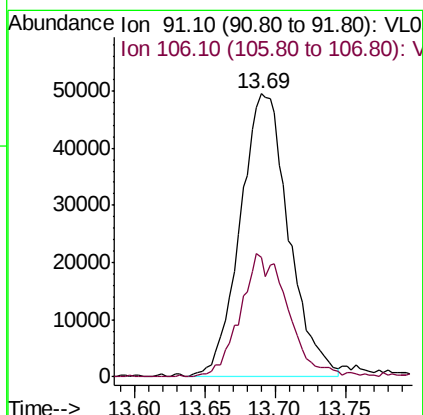
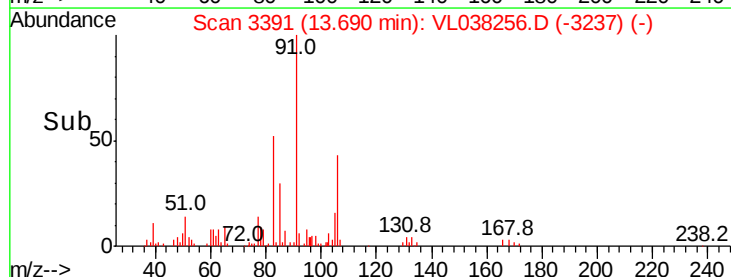
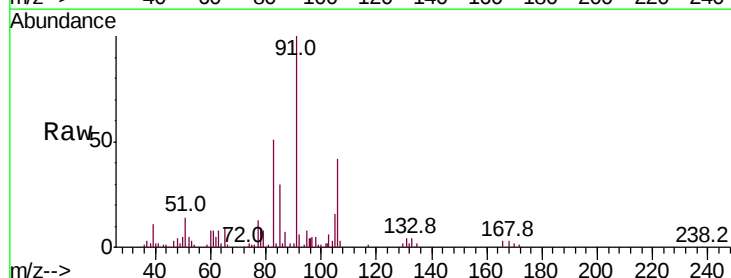
Acq: 24 Jan 2022 11:21

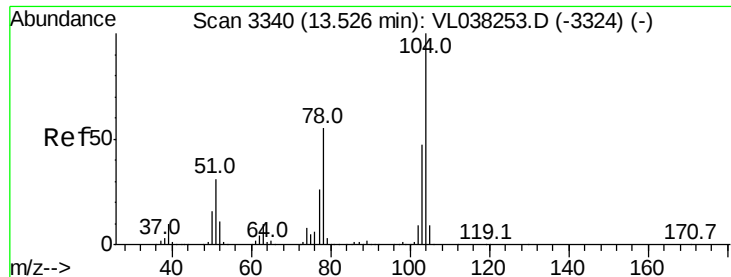
Tgt Ion: 91 Resp: 119373

Ion Ratio Lower Upper

91 100

106 43.5 22.2 66.6



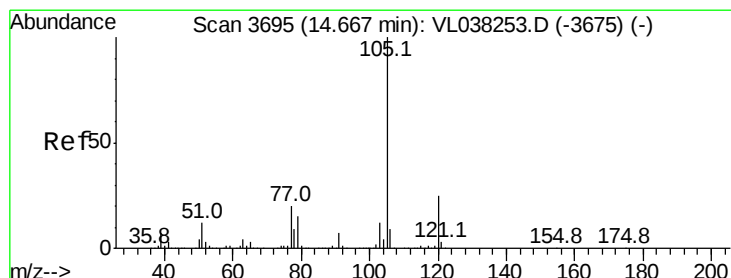
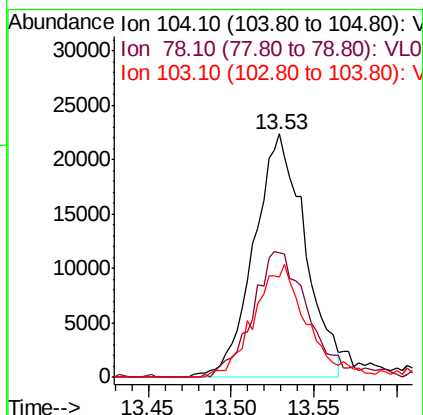
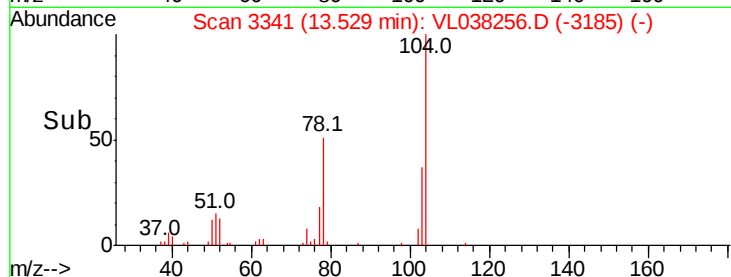
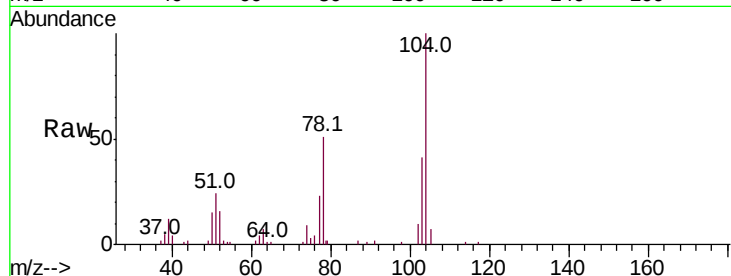


#61
Stvrene
Concen: 0.400 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 11:21

Manual Integrations
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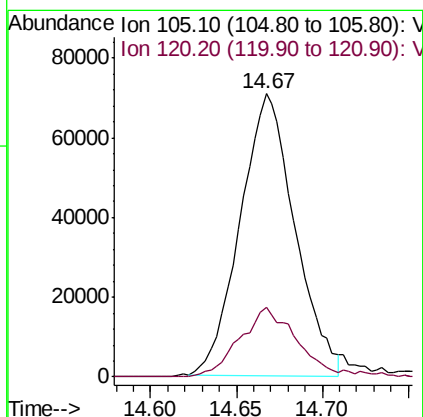
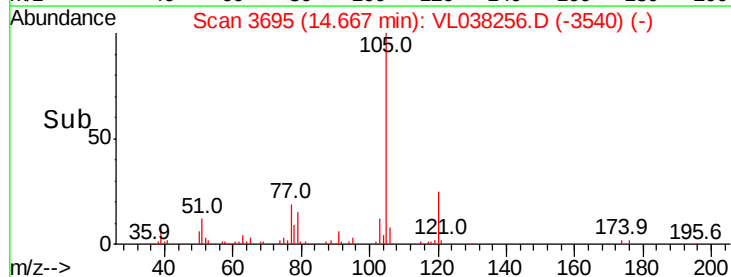
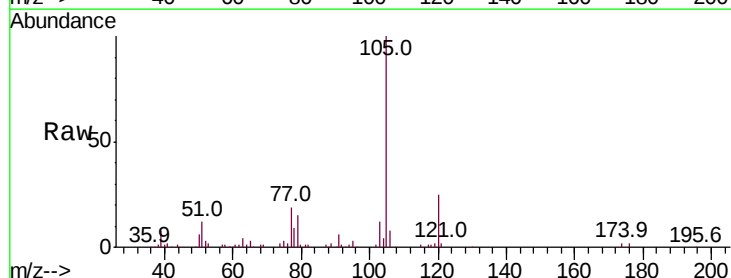
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

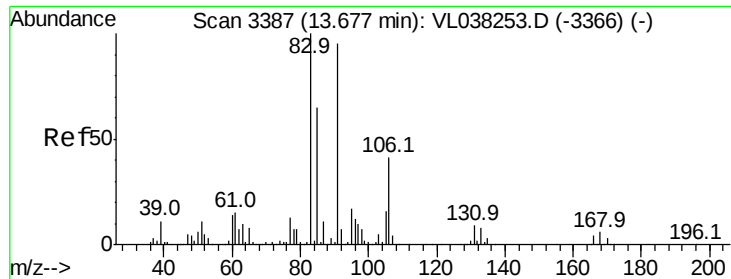
Tot Ion:1
Ion Rati
104 100
78 57.
103 48.



#62
Isopropylbenzene
Concen: 0.473 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 156525
Ion Ratio Lower Upper
105 100
120 26.4 20.5 30.7



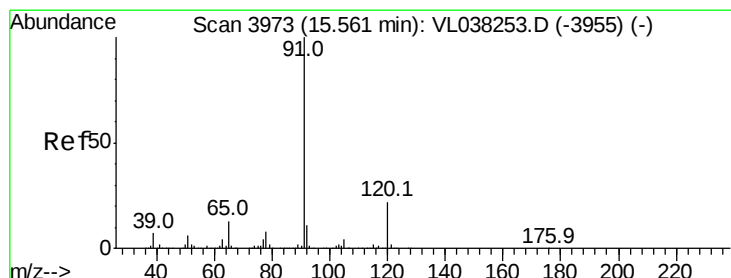
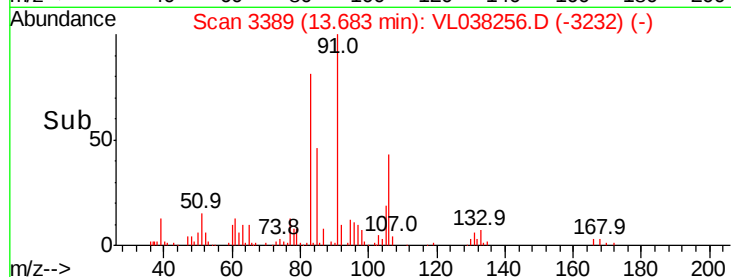
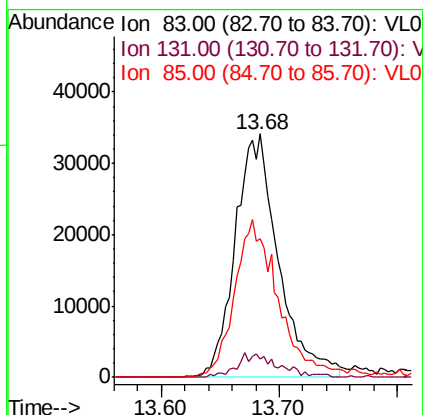
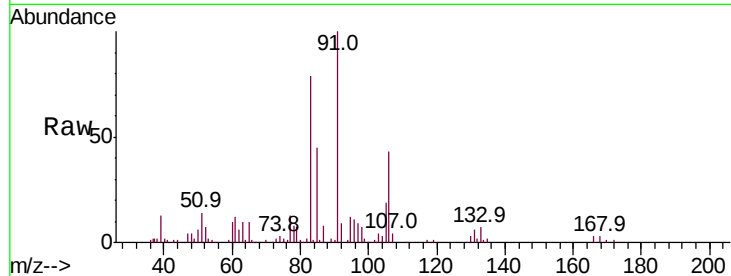


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.482 ppbv m
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

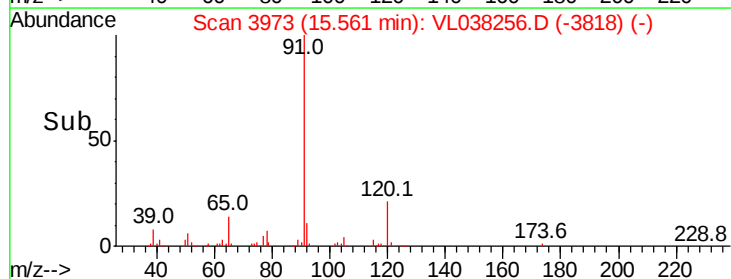
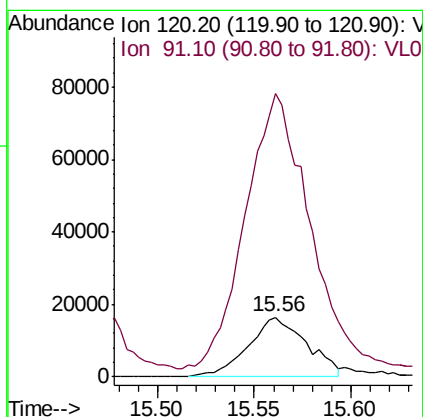
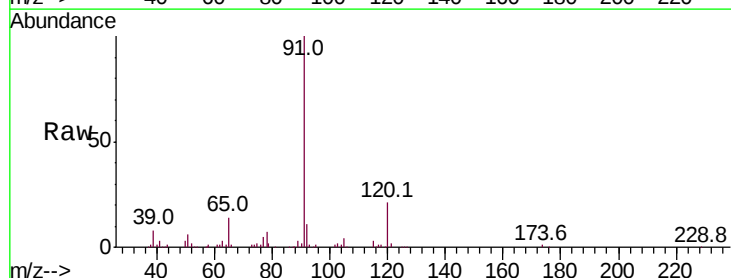
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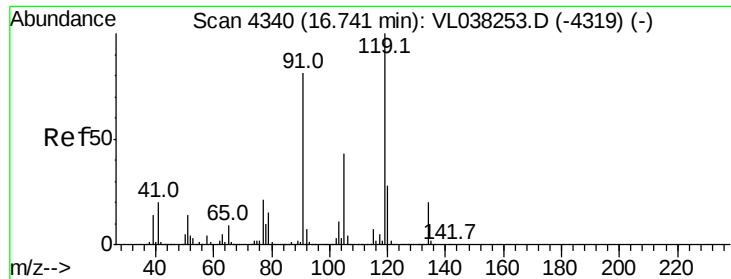
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#64
 n-propylbenzene
 Concen: 0.421 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:120 Resp: 34619
 Ion Ratio Lower Upper
 120 100
 91 553.9 390.8 586.2



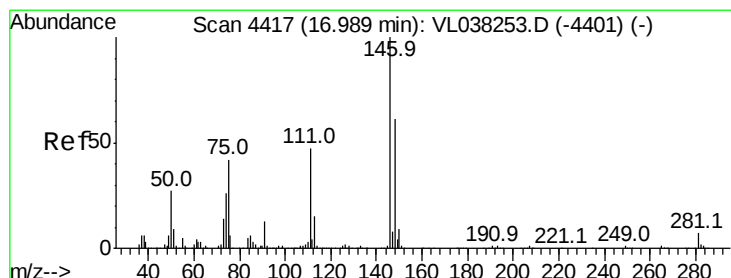
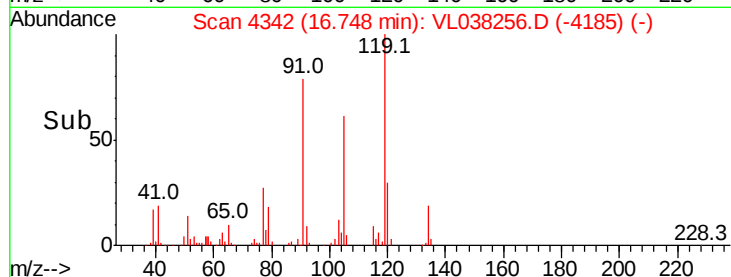
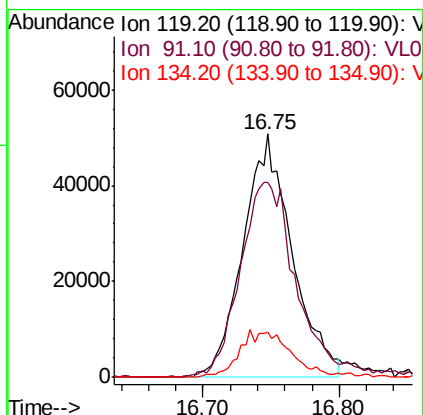
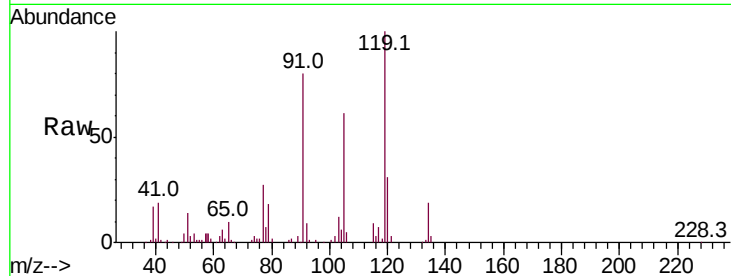


#65
tert-Butylbenzene
Concen: 0.435 ppbv m
RT: 16.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 11:21

Tot Ion: 1
Ion Ratio
119 100
91 94.
134 20.

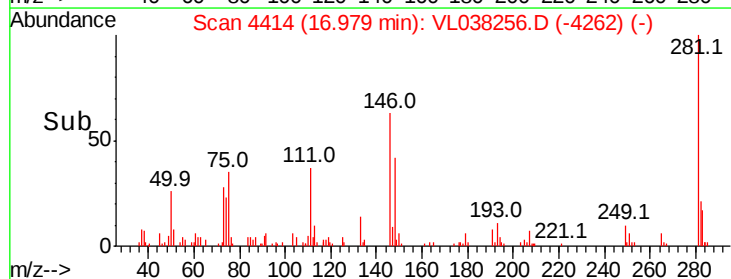
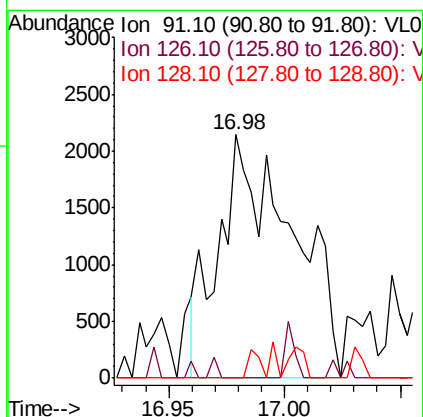
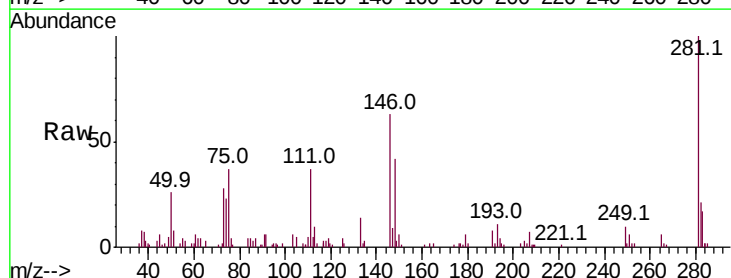
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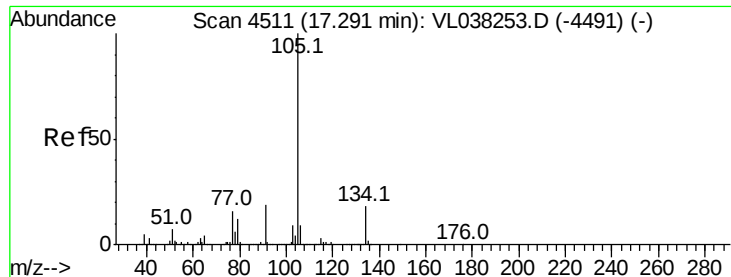
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#66
Benzyl Chloride
Concen: 0.435 ppbv m
RT: 16.98 min Scan# 4414
Delta R.T. -0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 4728
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 3.1 4.3 6.5#





#67

sec-Butylbenzene

Concen: 0.440 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 11:21

Tot Ion:1

Ion Ratio

105 100

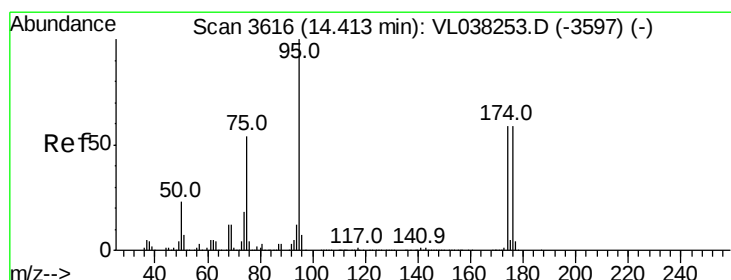
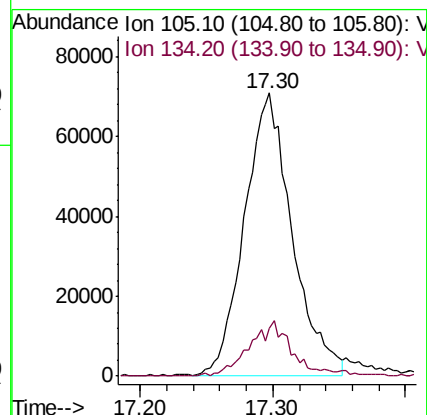
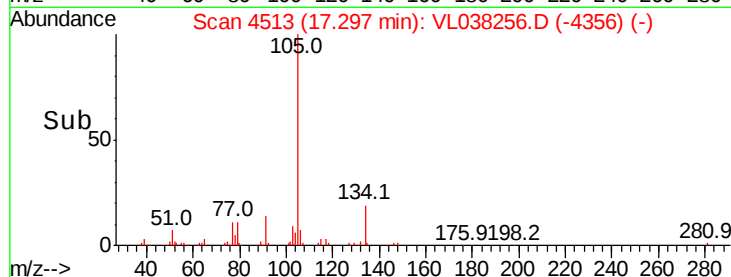
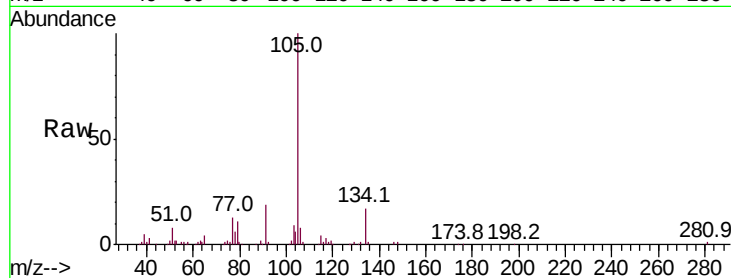
134 18.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.786 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

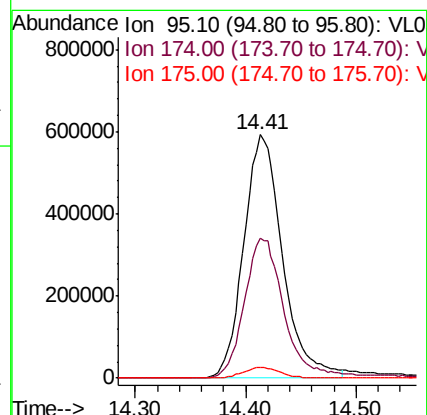
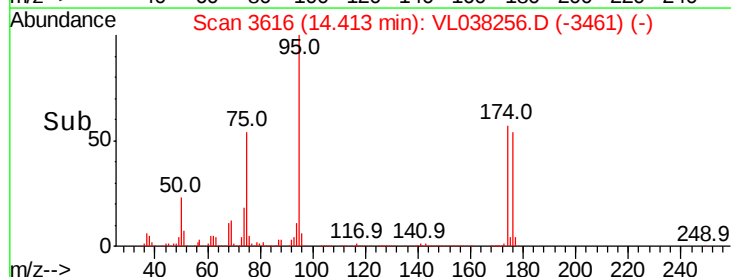
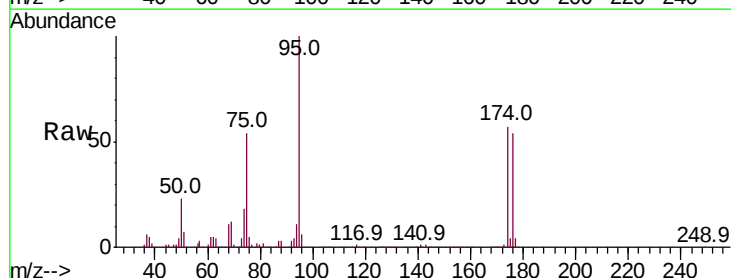
Tgt Ion: 95 Resp: 1445521

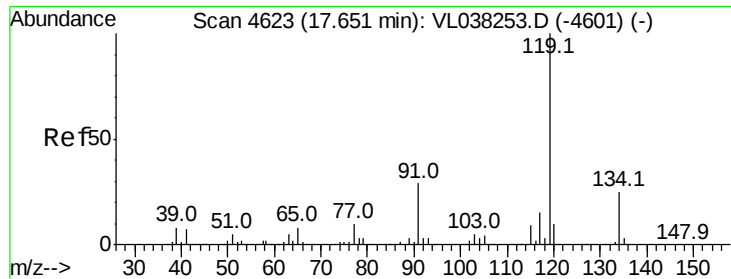
Ion Ratio Lower Upper

95 100

174 60.9 48.3 72.5

175 4.4 3.5 5.3



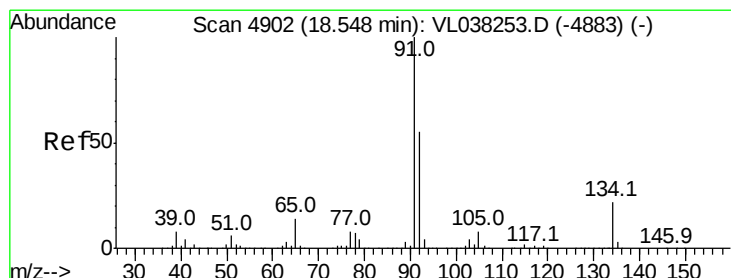
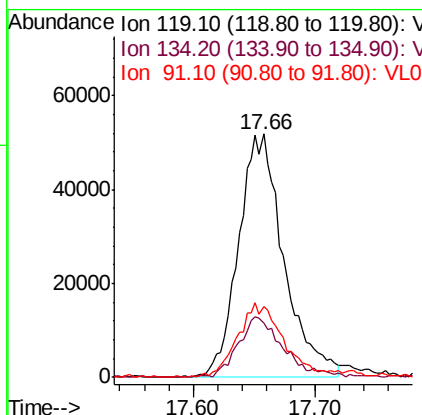
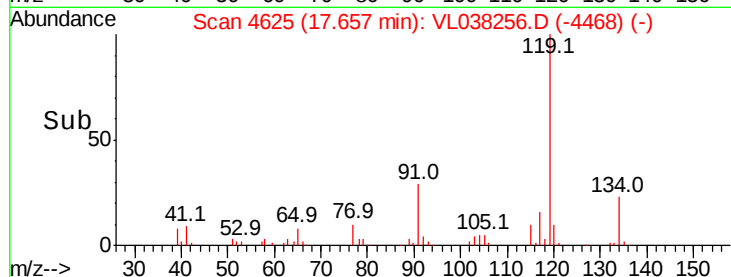
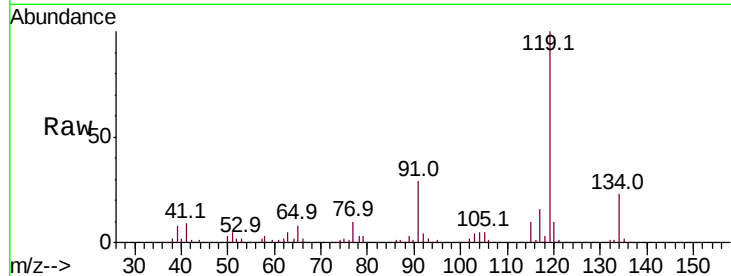


#69
 p-Isopropyltoluene
 Concen: 0.409 ppbv
 RT: 17.66 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC05
 Acq: 24 Jan 2022 11:21

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 33.3

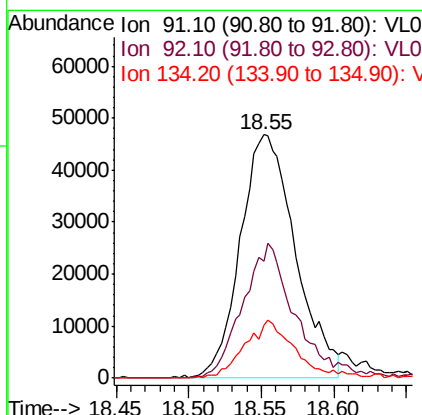
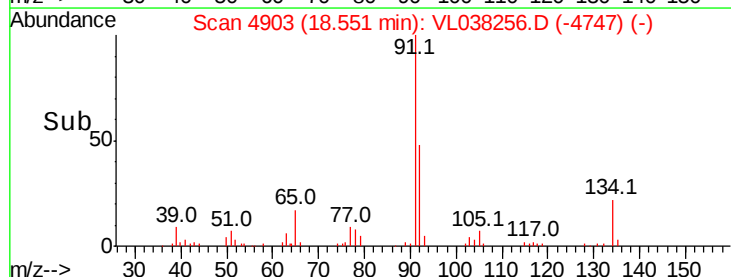
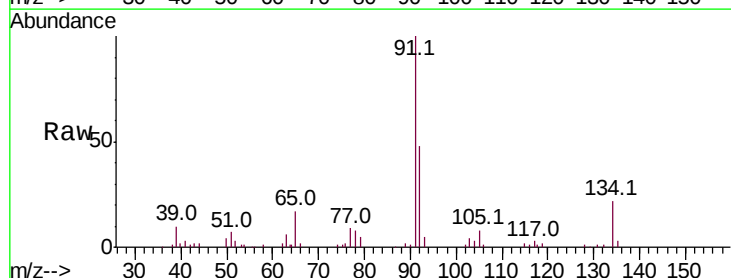
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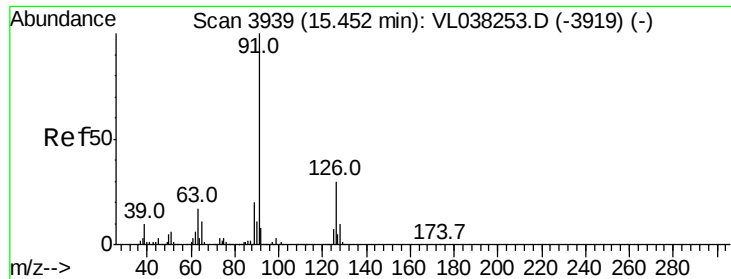
Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022



#70
 n-Butylbenzene
 Concen: 0.400 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: 0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 122356
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.4 65.0
 134 22.4 17.3 25.9



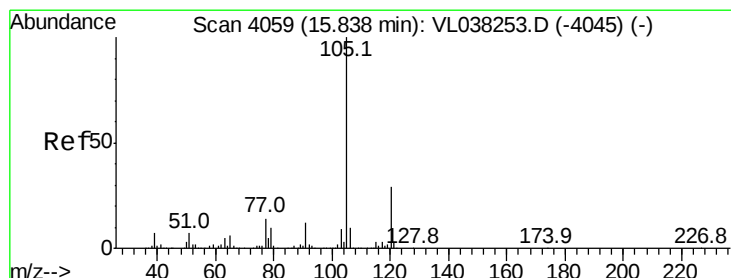
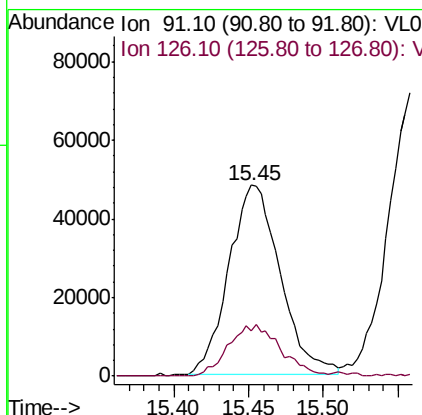
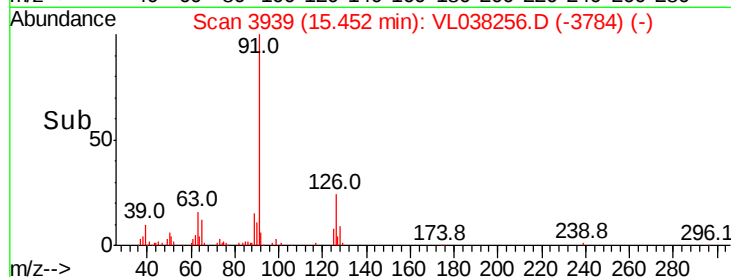
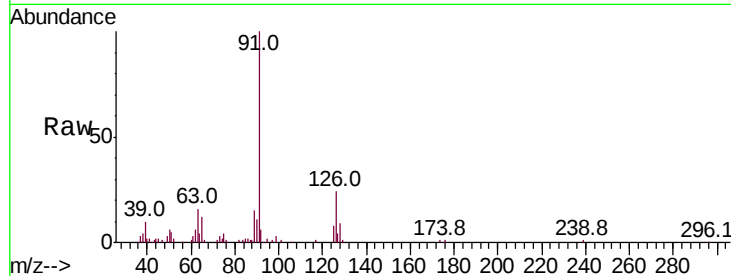


#71
 2-Chlorotoluene
 Concen: 0.466 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 11:21

Tot Ion:
 Ion Ratio
 91 100
 126 28.

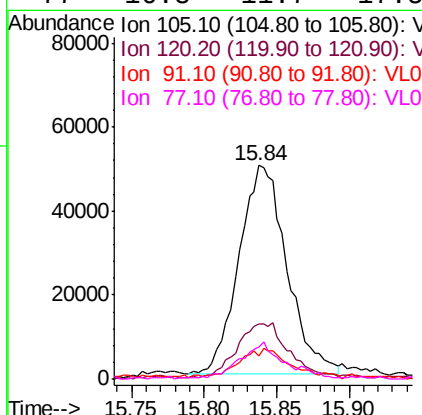
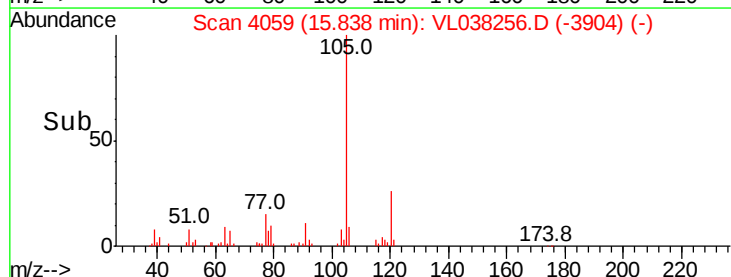
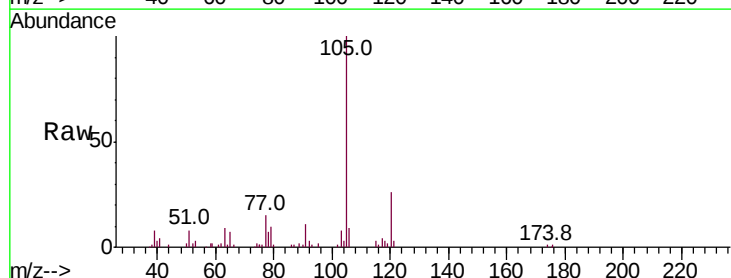
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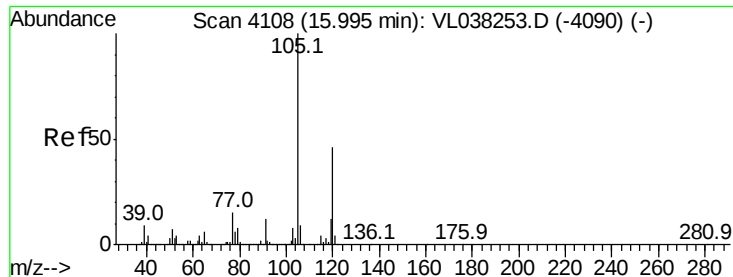
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#72
 4-Ethyltoluene
 Concen: 0.421 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 114204
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.8 35.8
 91 16.4 10.2 15.4#
 77 16.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.439 ppbv

RT: 16.00 min

Delta R.T. 0.00 min

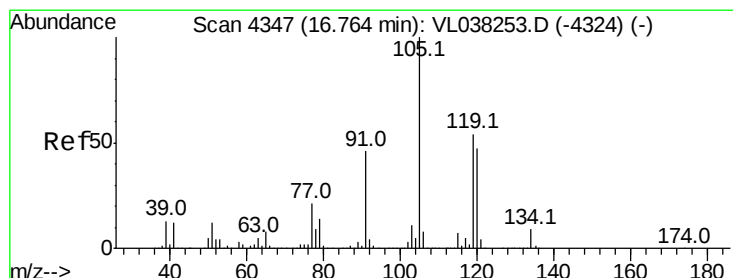
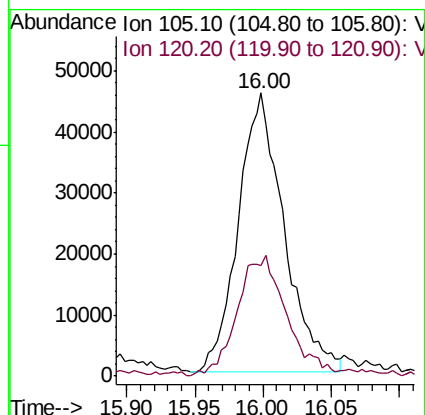
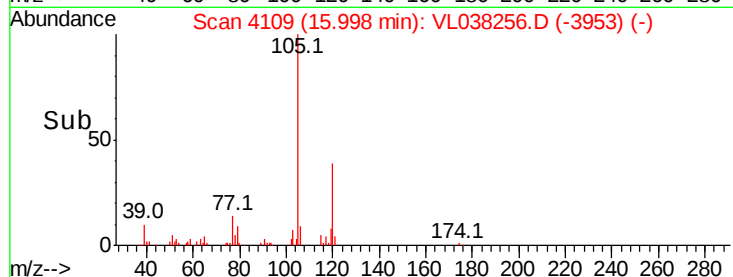
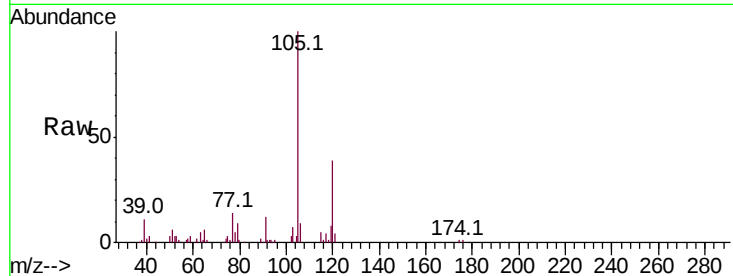
Lab File: VSTDIC0.5

Acq: 24 Jan 2022 11:21

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Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

Tot Ion:1
Ion Rati
105 100
120 39.



#74

1,2,4-Trimethylbenzene

Concen: 0.460 ppbv m

RT: 16.77 min Scan# 4348

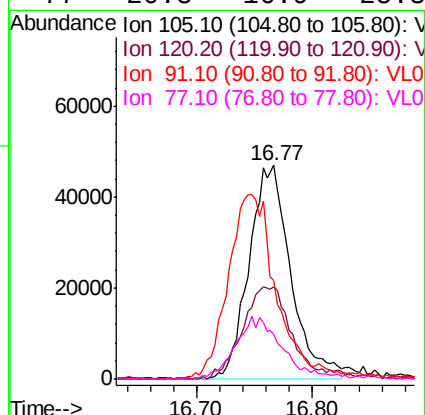
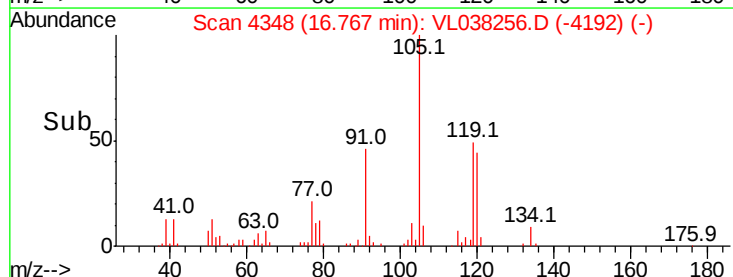
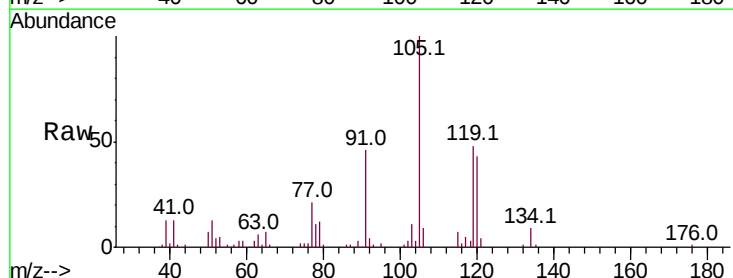
Delta R.T. 0.00 min

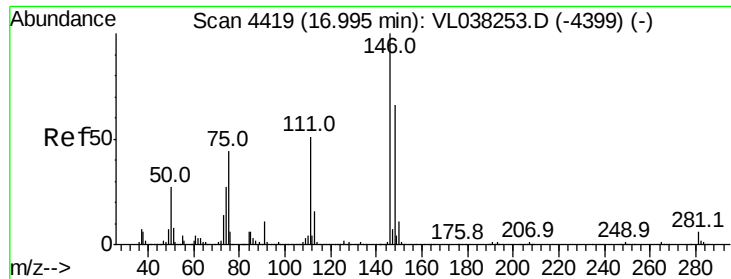
Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 117435

Ion	Ratio	Lower	Upper
105	100		
120	43.0	37.2	55.8
91	45.9	36.6	55.0
77	20.8	16.9	25.3



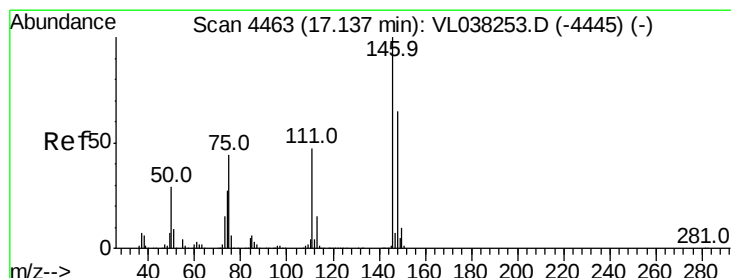
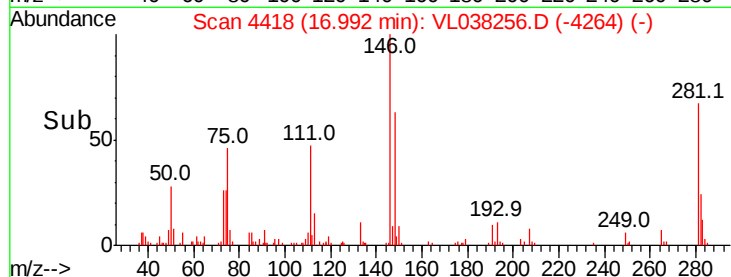
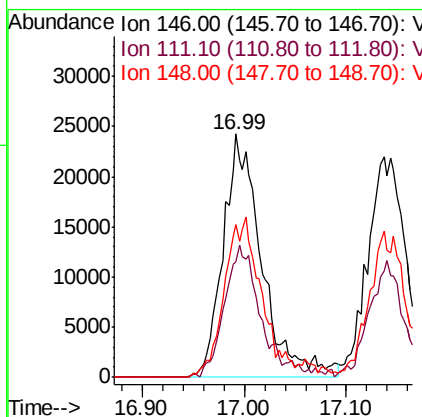
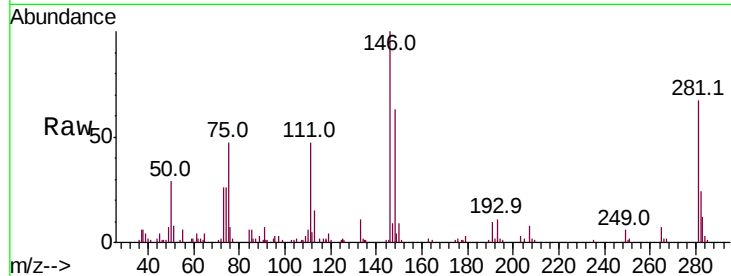


#75
 1,3-Dichlorobenzene
 Concen: 0.460 ppbv m
 RT: 16.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

Tot Ion:1
 Ion Rati
 146 100
 111 52.
 148 0.

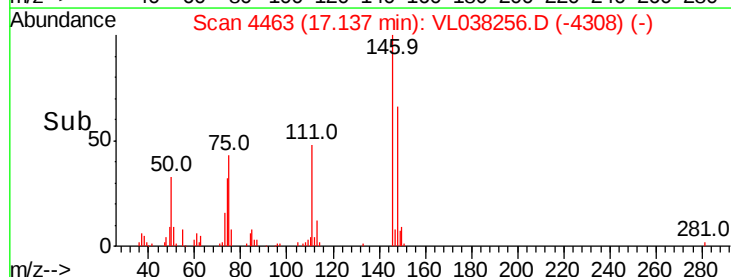
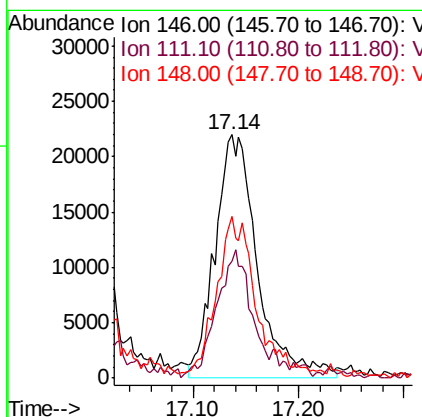
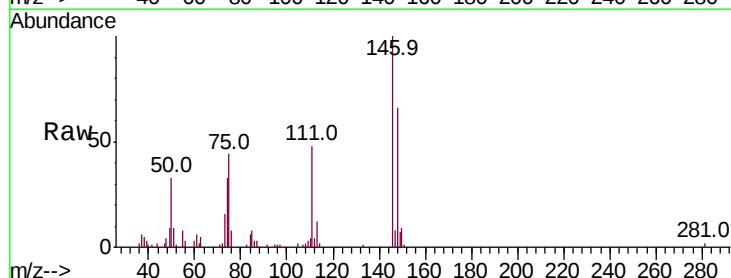
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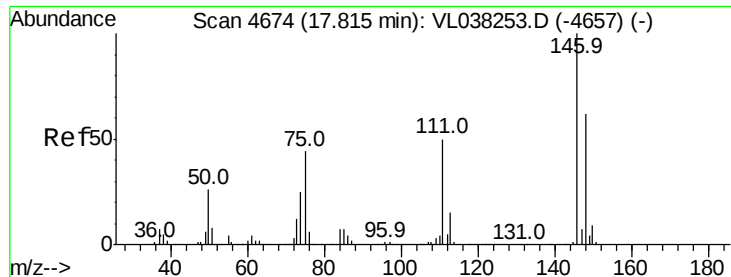
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#76
 1,4-Dichlorobenzene
 Concen: 0.450 ppbv m
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:146 Resp: 61600
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.2 69.6#
 148 60.8 32.4 97.0



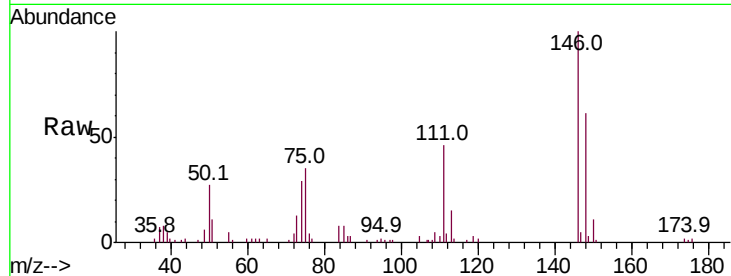


#77
 1,2-Dichlorobenzene
 Concen: 0.473 ppbv m
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 24 Jan 2022 11:21

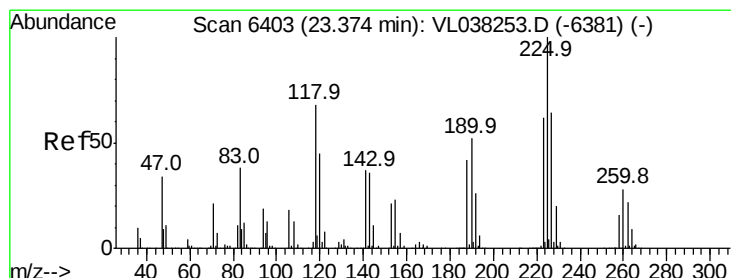
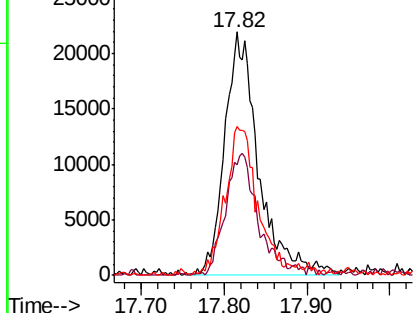
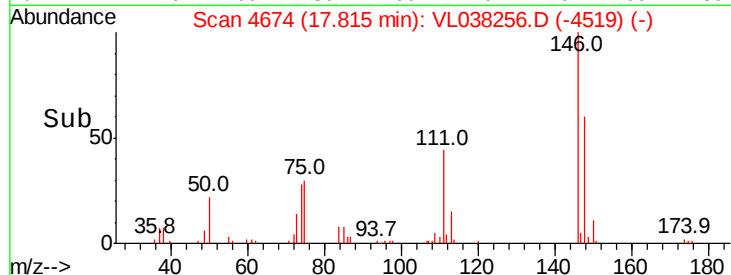
Tot Ion:1
 Ion Rati
 146 100
 111 0.
 148 59.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

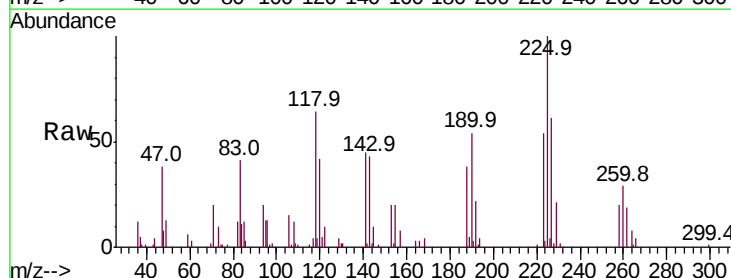


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

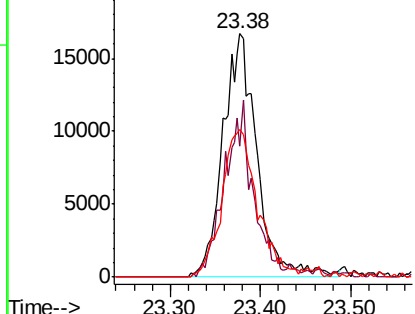
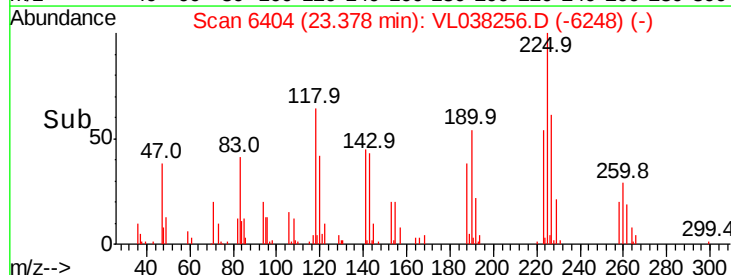


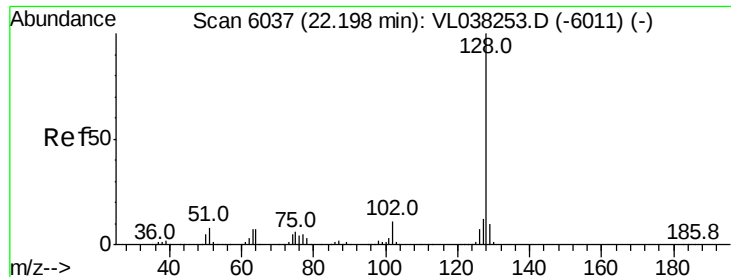
#78
 Hexachloro-1,3-Butadiene
 Concen: 0.536 ppbv m
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.00 min
 Lab File: VL038256.D
 Acq: 24 Jan 2022 11:21

Tgt Ion:225 Resp: 43634
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.7 77.5
 227 63.4 51.4 77.0



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.292 ppbv m

RT: 22.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 11:21

Tot Ion:1

Ion Ratio

128 100

127 14.

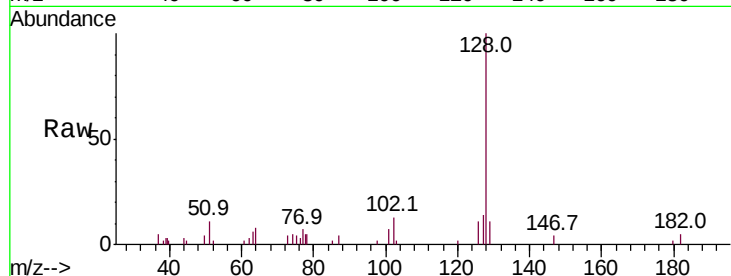
129 11.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

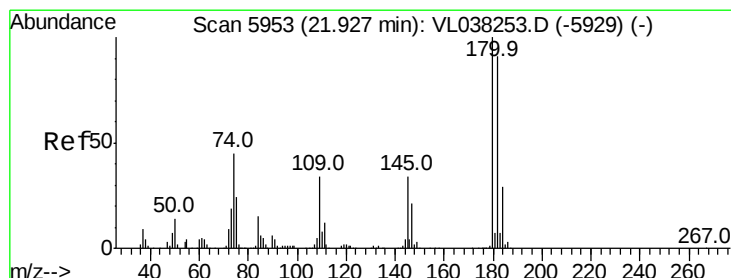
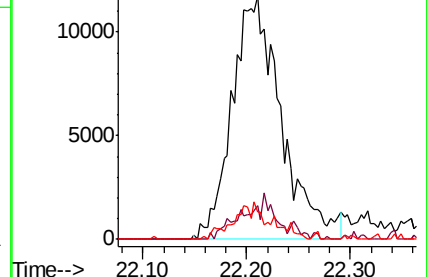
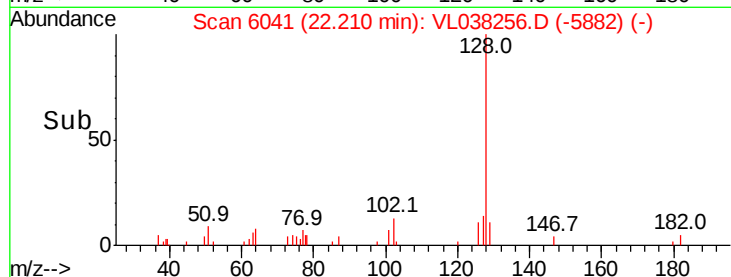
Supervised By :Mahesh Dadoda 01/26/2022



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#81

1,2,4-Trichlorobenzene

Concen: 0.342 ppbv m

RT: 21.93 min Scan# 5953

Delta R.T. -0.00 min

Lab File: VL038256.D

Acq: 24 Jan 2022 11:21

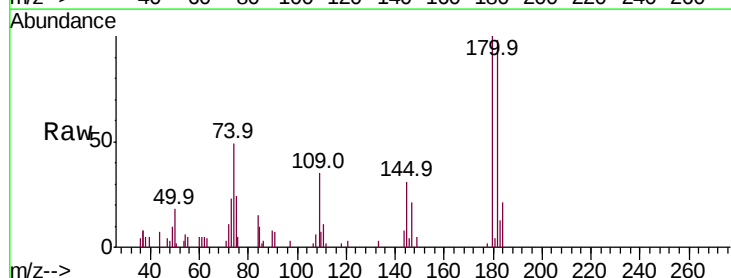
Tgt Ion:180 Resp: 25755

Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

184 0.0 24.4 36.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

