

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039758.D
 Acq On : 24 Oct 2022 13:55
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 16:47:44 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.198	49	1014889	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2673261	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2506925m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1788276 10.049 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	807867	4.754	ppbv	99
3) Chlorodifluoromethane	2.693	51	1170671	9.053	ppbv	99
4) Chloromethane	2.832	50	732847	9.058	ppbv	97
5) Vinyl Chloride	2.938	62	615156	9.685	ppbv	97
6) Bromomethane	3.137	94	222400	9.455	ppbv	97
7) Chloroethane	3.214	64	224038	9.517	ppbv	91
8) Dichlorotetrafluoroethane	2.877	85	1294305	8.209	ppbv	99
9) Propene	2.713	41	523809	8.872	ppbv	94
10) Heptane	7.581	43	1359965	9.926	ppbv	100
11) Trichlorofluoromethane	3.578	101	1436686	9.082	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	1146718	9.011	ppbv	98
13) Ethanol	3.259	45	37438m	9.306	ppbv	
14) Bromoethene	3.382	108	452547	9.335	ppbv	99
15) Acetone	3.484	43	1099489	8.973	ppbv	100
16) 1,3-Butadiene	3.002	39	596118	9.692	ppbv	99
17) tert-Butyl alcohol	3.890	59	1078933	10.363	ppbv	100
18) 1,1-Dichloroethene	3.896	96	499827	9.153	ppbv	97
19) Isopropyl Alcohol	3.587	45	623847	10.424	ppbv	98
20) Methylene Chloride	3.947	84	419081	8.506	ppbv	97
21) Allyl Chloride	4.012	41	782580	9.253	ppbv	97
22) trans-1,2-Dichloroethene	4.455	96	524290	9.457	ppbv	96
23) Vinyl Acetate	4.639	43	443609	8.579	ppbv	98
24) 1,1-Dichloroethane	4.574	63	1065966	9.042	ppbv	100
25) Ethyl Acetate	5.214	43	2440089	9.939	ppbv	99
26) Hexane	5.221	57	1020685	10.208	ppbv	98
27) Carbon Disulfide	4.137	76	1268129	10.129	ppbv	95
28) Methyl tert-Butyl Ether	4.597	73	900097	9.493	ppbv	99
29) Chloroform	5.282	83	1519014	9.477	ppbv	95
30) Cyclohexane	6.606	84	847554	10.083	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	953101	10.630	ppbv	96
32) 1,1,1-Trichloroethane	6.008	97	1461097	10.510	ppbv	99
34) 2-Butanone	4.796	43	1249718	10.135	ppbv	98
35) Carbon Tetrachloride	6.497	117	1578614	11.394	ppbv	97
36) Benzene	6.375	78	2135931	10.587	ppbv	98
37) 1,2-Dichloroethane	5.812	62	1126258	10.363	ppbv	100
38) Trichloroethene	7.291	130	1220374	11.278	ppbv	97
39) 1,2-Dichloropropane	7.076	63	807368	10.432	ppbv	95
40) 1,4-Dioxane	7.291	88	271559	9.160	ppbv #	1
41) Tetrahydrofuran	5.561	42	882371	11.161	ppbv	100
42) Bromodichloromethane	7.250	83	1658784	11.114	ppbv	99
43) Methyl Methacrylate	7.478	69	839312	11.565	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	3572676	10.451	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	778700	12.962	ppbv	97

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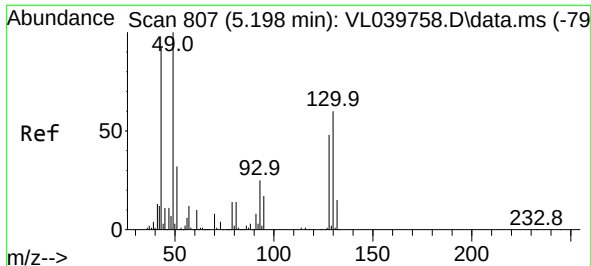
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

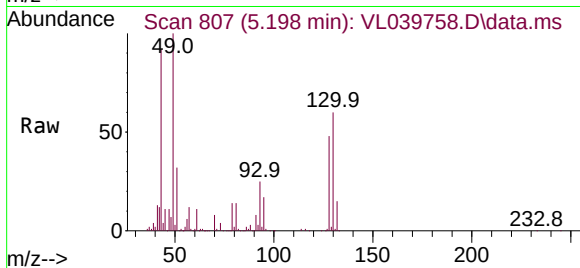
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1071707	12.594	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	870373	10.356	ppbv	97
48) Dibromochloromethane	9.709	129	1479716	11.670	ppbv	99
49) Bromoform	12.397	173	1248948	12.236	ppbv	97
50) 4-Methyl-2-Pentanone	8.182	43	2244046	11.162	ppbv	99
51) 2-Hexanone	9.548	43	1707648	11.850	ppbv #	99
52) Tetrachloroethene	10.613	164	803318	11.030	ppbv	97
53) Toluene	9.217	91	2487247	11.417	ppbv	100
54) 1,2-Dibromoethane	10.005	107	987066	11.679	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1063653	10.454	ppbv	98
57) Chlorobenzene	11.523	112	1862576	10.127	ppbv	98
58) Ethyl Benzene	12.085	91	3226492	11.143	ppbv	100
59) m/p-Xylene	12.368	91	5472795m	21.385	ppbv	
60) o-Xylene	13.056	91	2623090	10.715	ppbv	98
61) Styrene	12.892	104	1576988	12.312	ppbv	99
62) Isopropylbenzene	14.024	105	3826591	10.494	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	910238	9.729	ppbv	98
64) n-propylbenzene	14.912	120	966117	10.546	ppbv	95
65) tert-Butylbenzene	16.082	119	3318727	10.389	ppbv	99
66) Benzyl Chloride	16.323	91	257247	11.525	ppbv #	96
67) sec-Butylbenzene	16.629	105	4620577	10.455	ppbv	100
69) p-Isopropyltoluene	16.992	119	3834391	10.766	ppbv	99
70) n-Butylbenzene	17.879	91	3708995	10.821	ppbv	100
71) 2-Chlorotoluene	14.793	91	2764557	10.654	ppbv	99
72) 4-Ethyltoluene	15.188	105	3027233	11.080	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2739137	10.768	ppbv	93
74) 1,2,4-Trimethylbenzene	16.101	105	2866070	10.257	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	1729694	10.337	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1671416	10.224	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1608072	9.888	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1078469	9.178	ppbv	97
79) Naphthalene	21.368	128	2091034	12.783	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	684089	14.004	ppbv	93
81) 1,2,4-Trichlorobenzene	21.130	180	1183333	10.797	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039758.D
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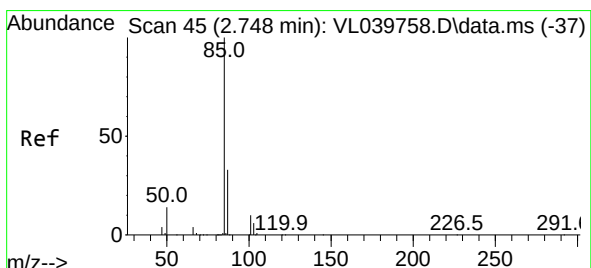
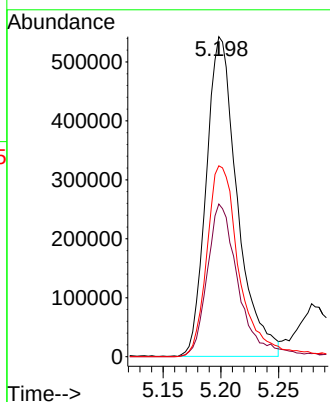
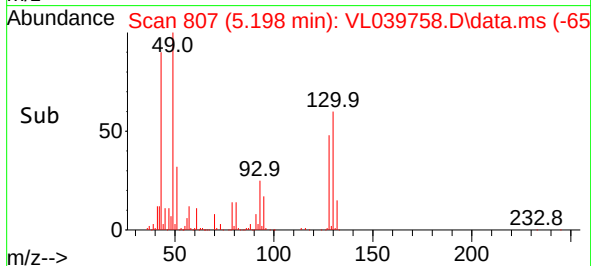
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



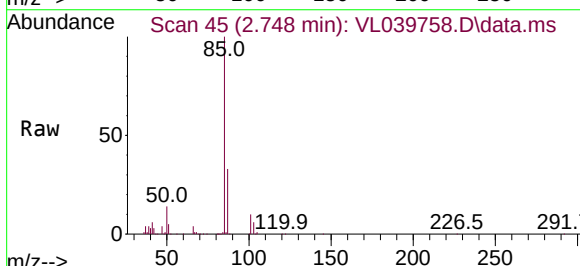
Tgt Ion: 49 Resp: 1014889
Ion Ratio Lower Upper
49 100
128 49.3 22.6 67.8
130 63.5 29.0 87.0

Manual Integrations
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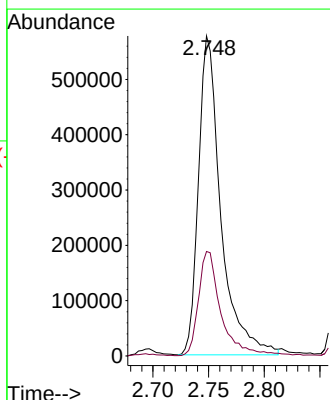
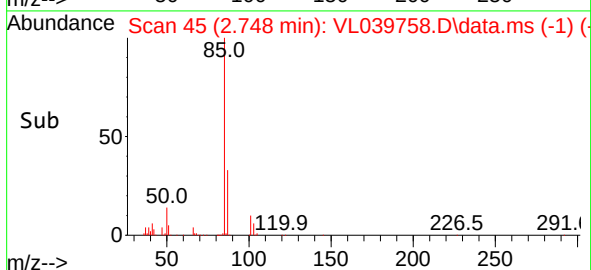
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

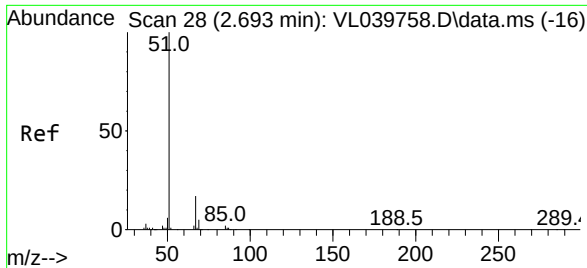


#2
Dichlorodifluoromethane
Concen: 4.754 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion: 85 Resp: 807867
Ion Ratio Lower Upper
85 100
87 32.6 26.6 40.0





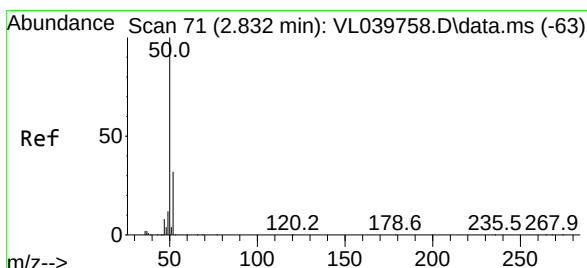
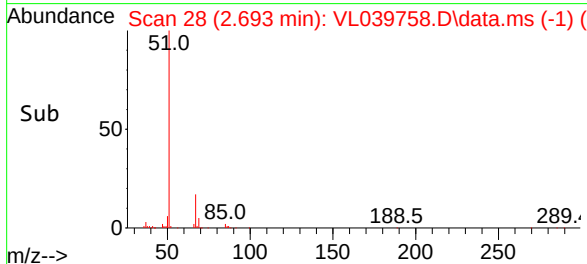
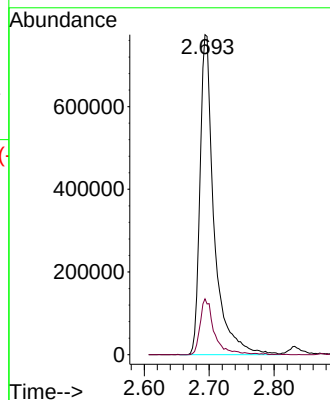
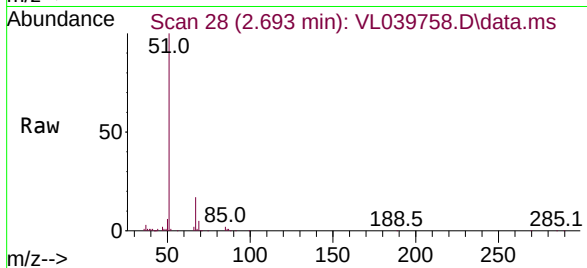
#3
Chlorodifluoromethane
Concen: 9.053 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Instrument :
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Tgt Ion: 51 Resp: 117067
Ion Ratio Lower Upper
51 100
67 17.7 14.6 21.8

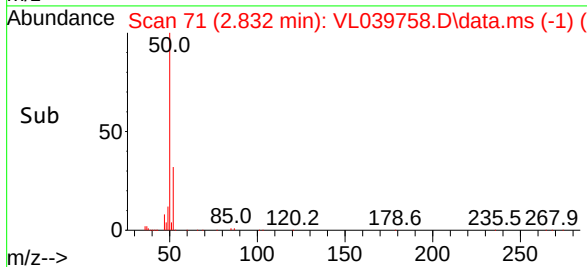
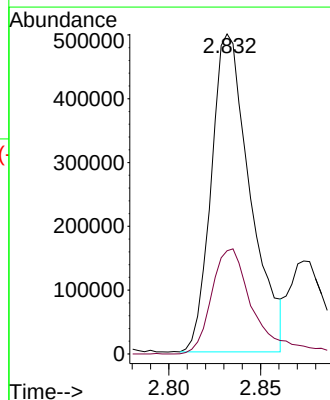
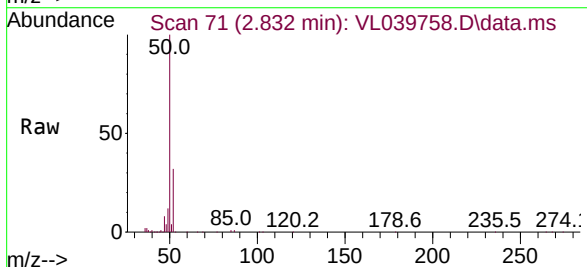
Manual Integrations
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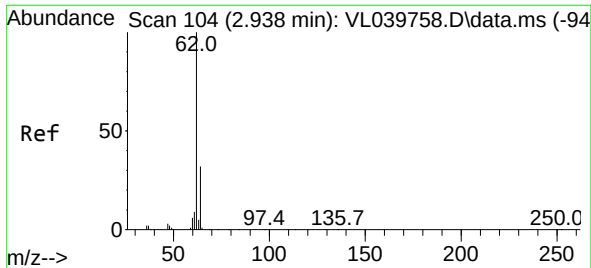
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 9.058 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

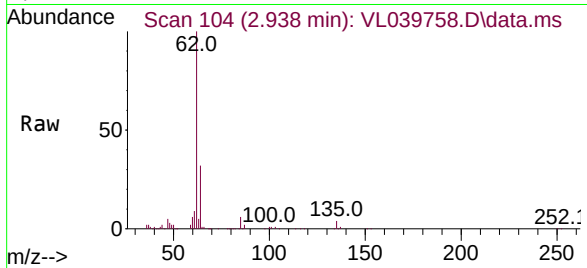
Tgt Ion: 50 Resp: 732847
Ion Ratio Lower Upper
50 100
52 32.4 24.8 37.2





#5
 Vinyl Chloride
 Concen: 9.685 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

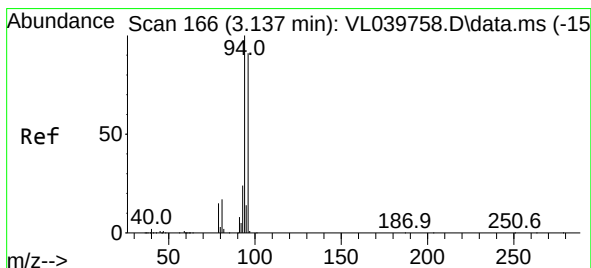
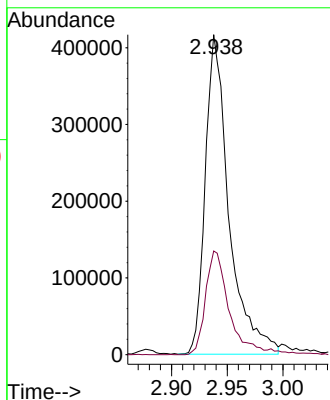
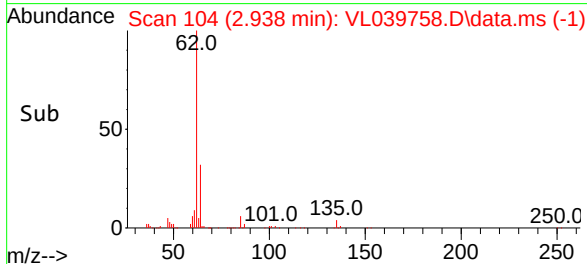
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 615150
 Ion Ratio Lower Upper
 62 100
 64 32.5 27.1 40.7

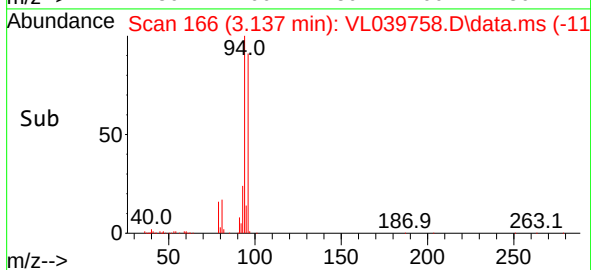
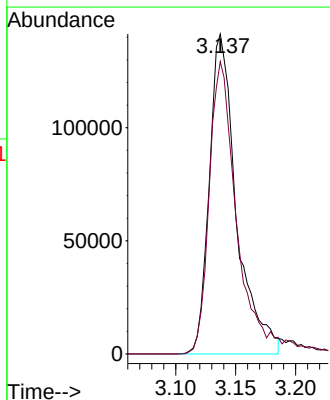
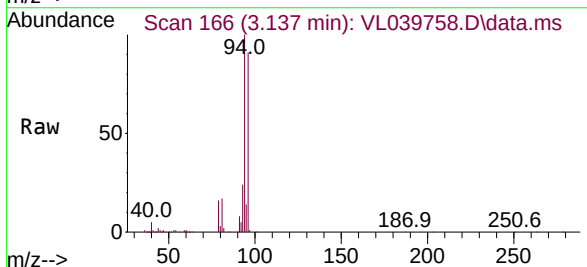
Manual Integrations
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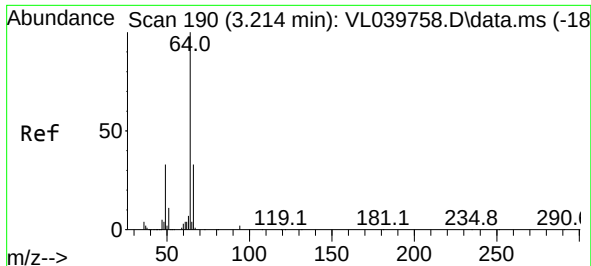
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 9.455 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. -0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

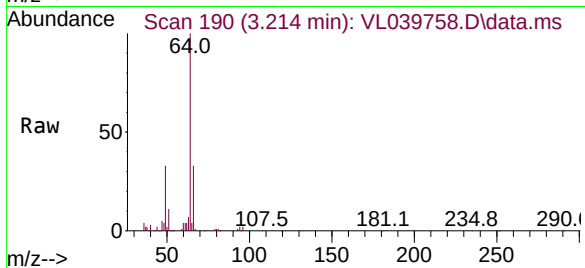
Tgt Ion: 94 Resp: 222400
 Ion Ratio Lower Upper
 94 100
 96 91.3 70.5 105.7





#7
Chloroethane
Concen: 9.517 ppbv
RT: 3.214 min Scan# 190
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

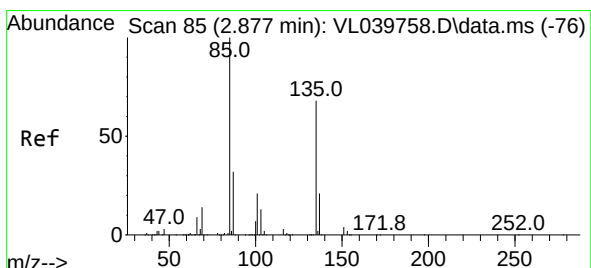
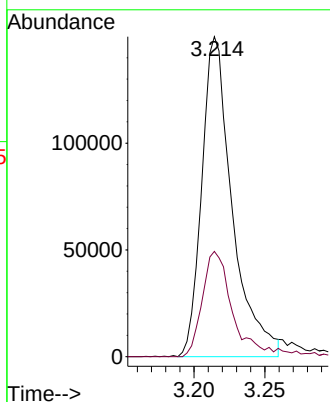
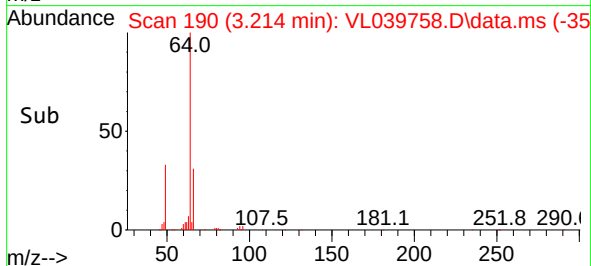
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



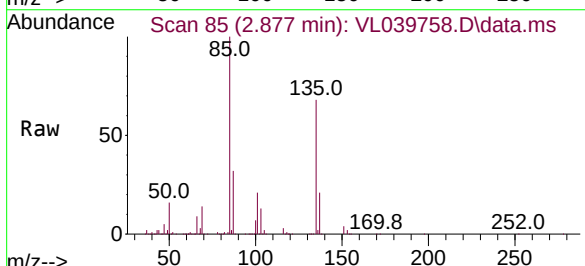
Tgt Ion: 64 Resp: 224038
Ion Ratio Lower Upper
64 100
66 32.9 22.6 34.0

Manual Integrations
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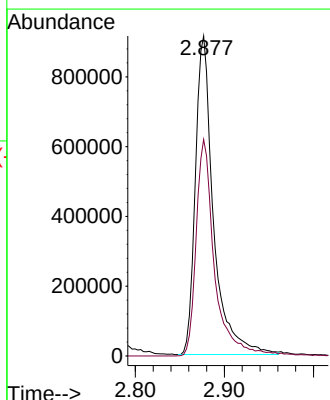
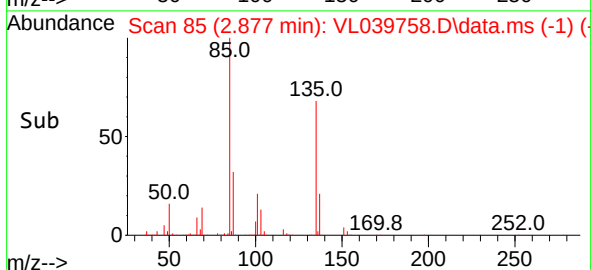
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Supervised By :Mahesh Dadoda 10/31/2022

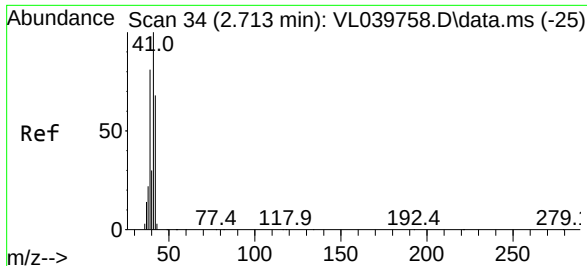


#8
Dichlorotetrafluoroethane
Concen: 8.209 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



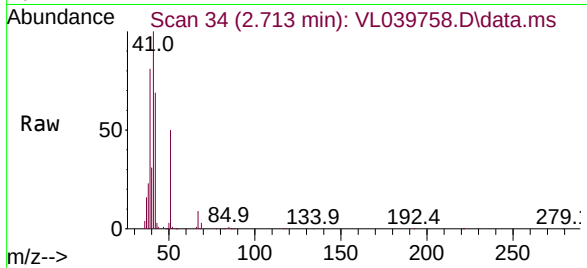
Tgt Ion: 85 Resp: 1294305
Ion Ratio Lower Upper
85 100
135 69.7 56.1 84.1





#9
 Propene
 Concen: 8.872 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

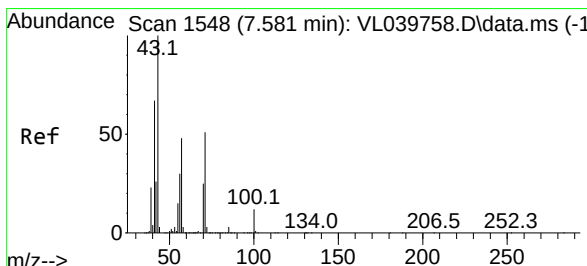
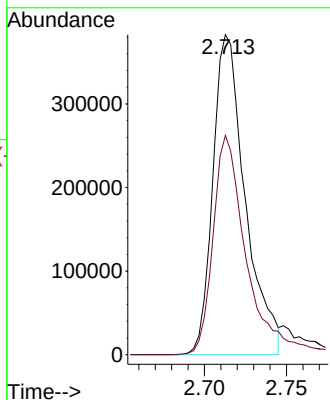
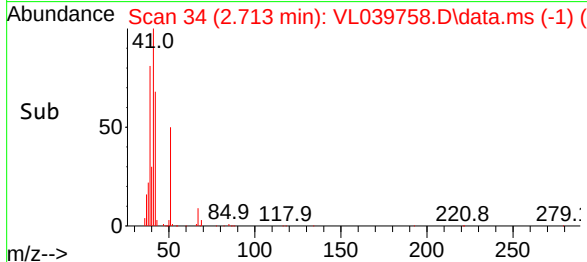
Instrument :
 MSVOA_L
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 VSTDICCC010



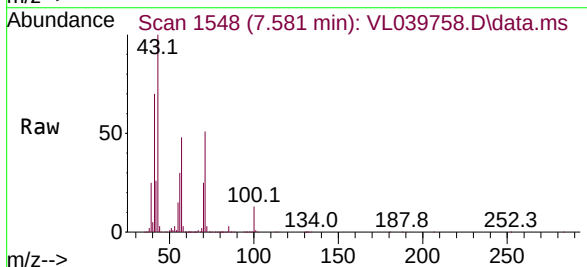
Tgt Ion: 41 Resp: 523809
 Ion Ratio Lower Upper
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 42 72.5 54.4 81.6

Manual Integrations
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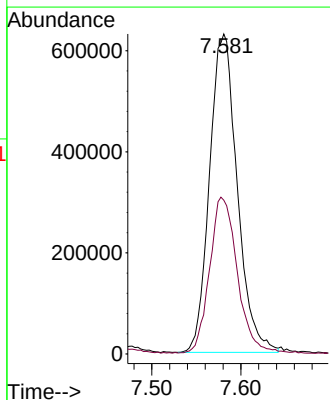
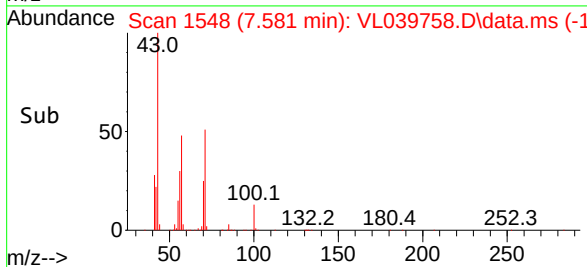
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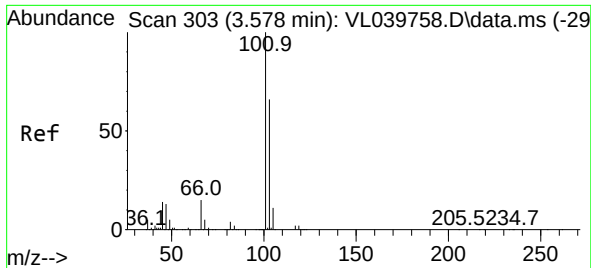


#10
 Heptane
 Concen: 9.926 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55



Tgt Ion: 43 Resp: 1359965
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.0 60.0





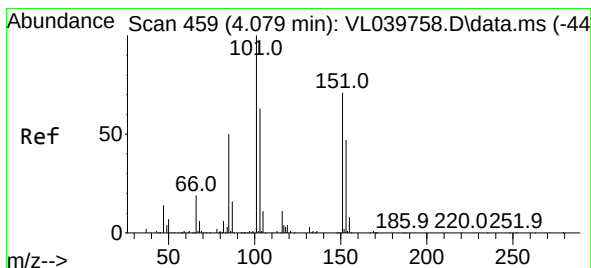
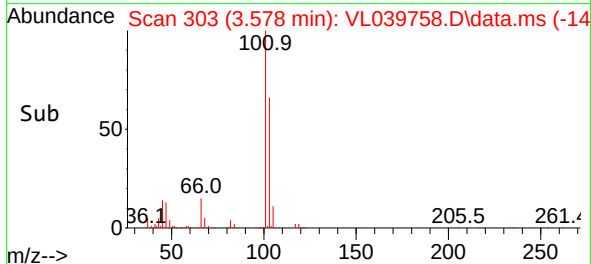
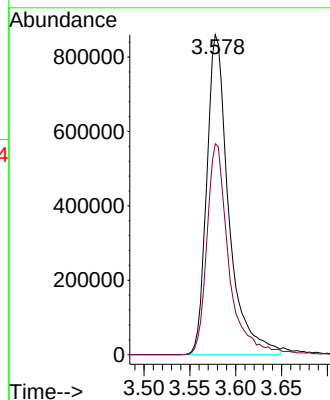
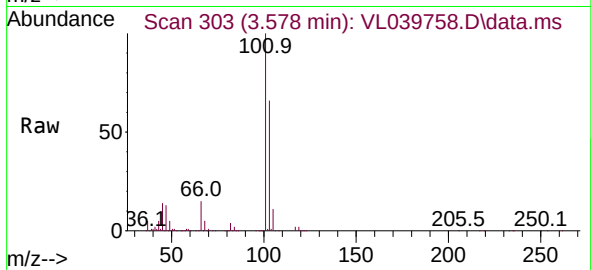
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 Trichlorofluoromethane
 Concen: 9.082 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 1436680
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.2 79.8

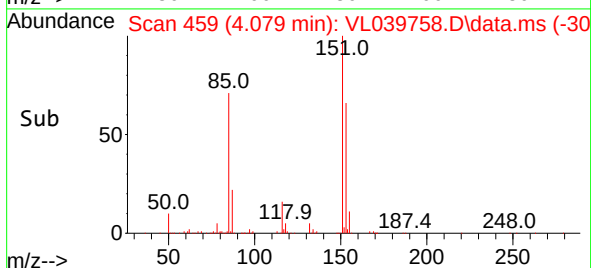
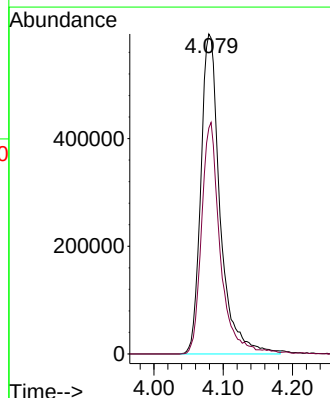
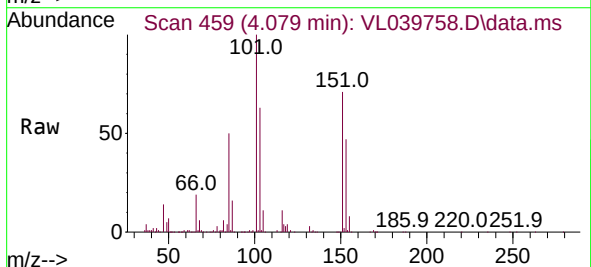
Manual Integrations
 APPROVED

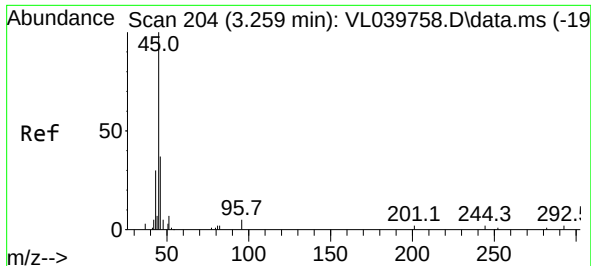
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.011 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

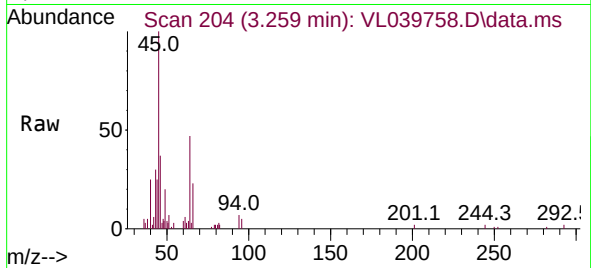
Tgt Ion:101 Resp: 1146718
 Ion Ratio Lower Upper
 101 100
 151 70.7 58.0 87.0





#13
Ethanol
Concen: 9.306 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

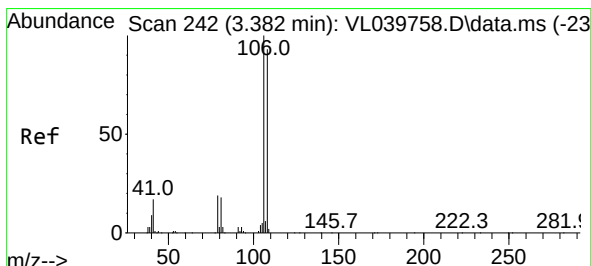
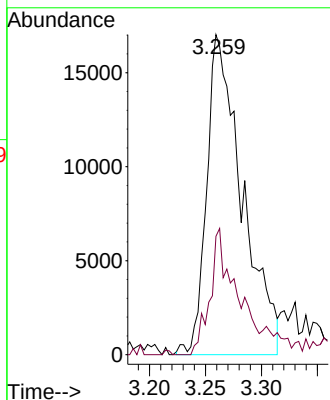
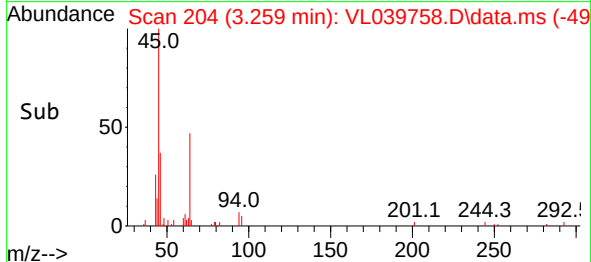
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



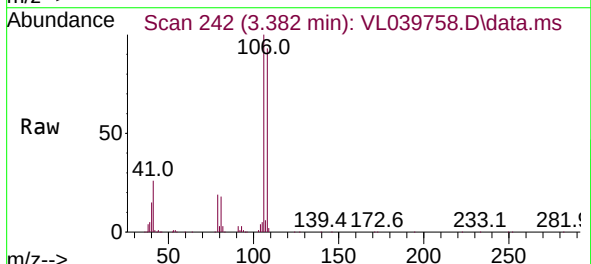
Tgt Ion: 45 Resp: 37438
Ion Ratio Lower Upper
45 100
46 38.3 14.8 59.2

Manual Integrations
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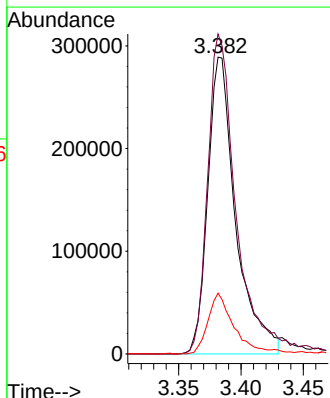
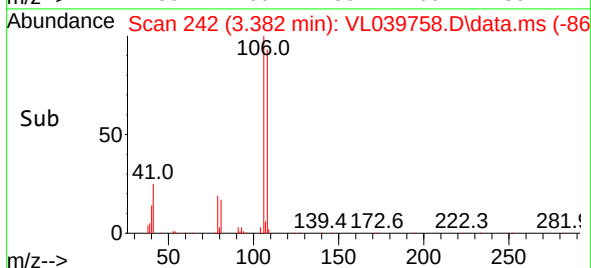
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

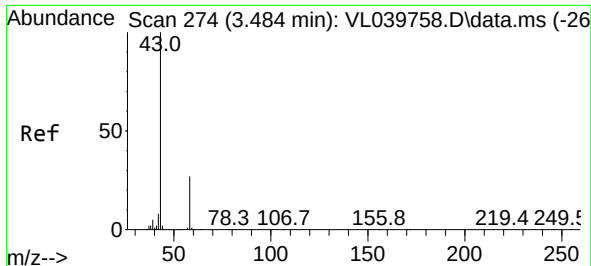


#14
Bromoethene
Concen: 9.335 ppbv
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



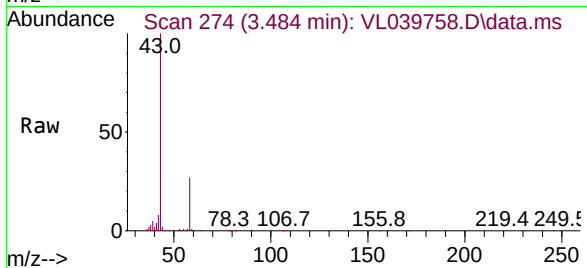
Tgt Ion:108 Resp: 452547
Ion Ratio Lower Upper
108 100
106 113.3 90.2 135.4
79 20.7 16.2 24.2





#15
Acetone
Concen: 8.973 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

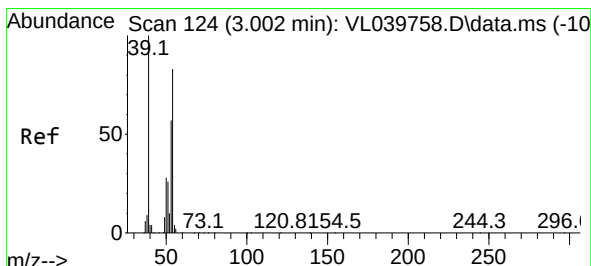
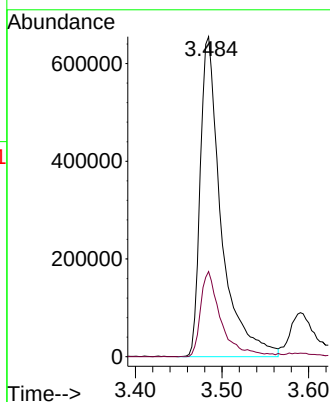
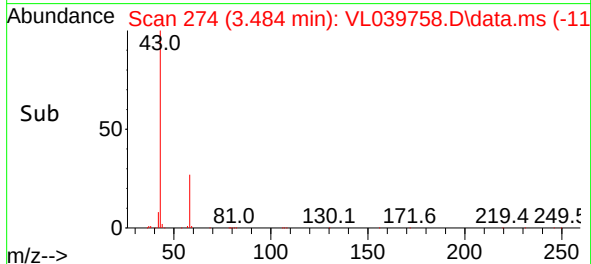
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



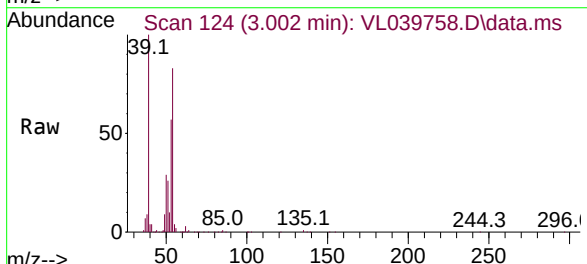
Tgt Ion: 43 Resp: 1099489
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3

Manual Integrations
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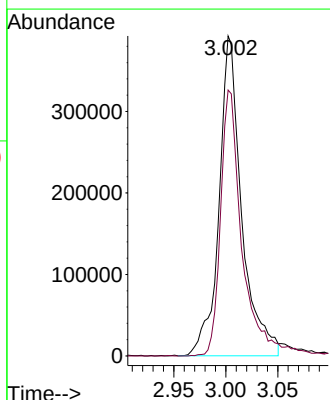
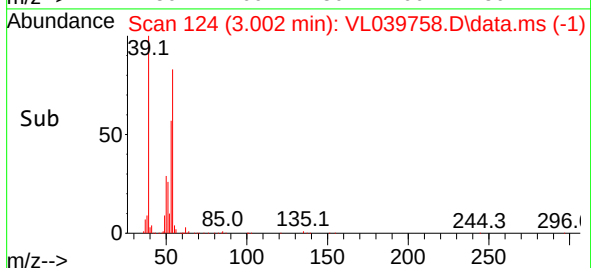
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

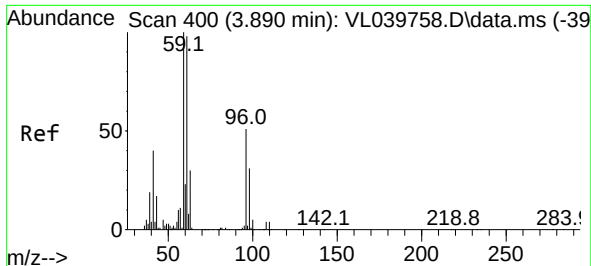


#16
1,3-Butadiene
Concen: 9.692 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion: 39 Resp: 596118
Ion Ratio Lower Upper
39 100
54 80.8 65.2 97.8





#17

tert-Butyl alcohol

Concen: 10.363 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.000 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 107893

Ion Ratio Lower Upper

59 100

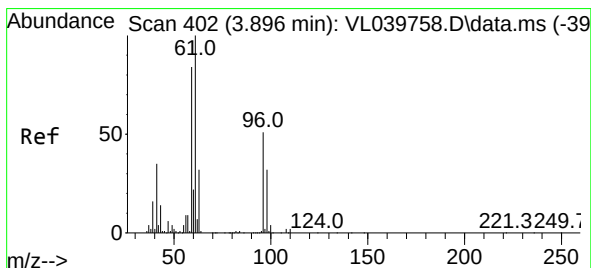
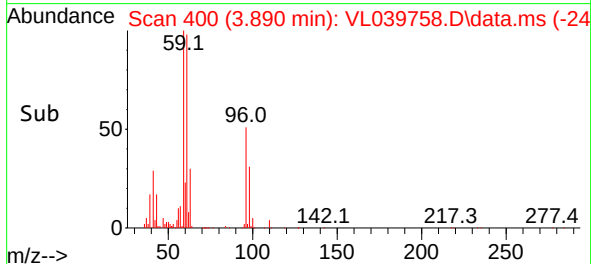
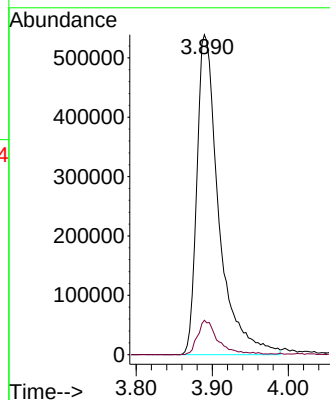
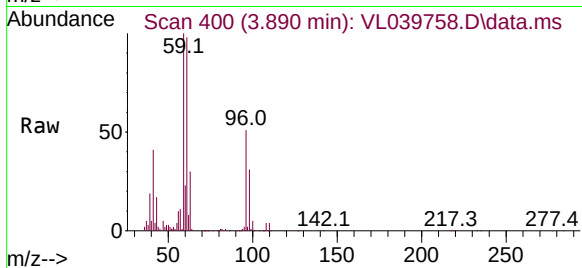
57 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 9.153 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

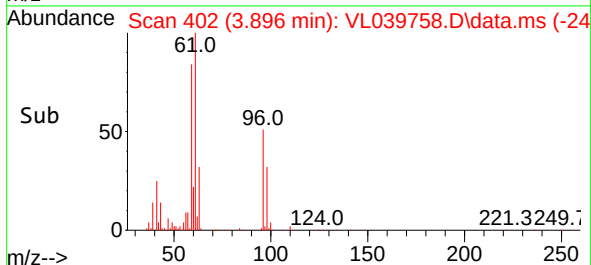
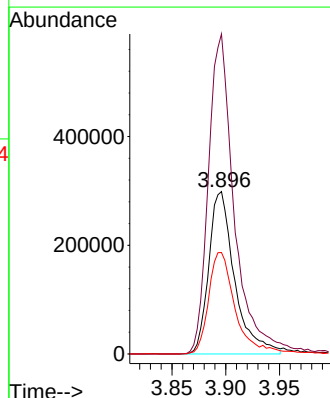
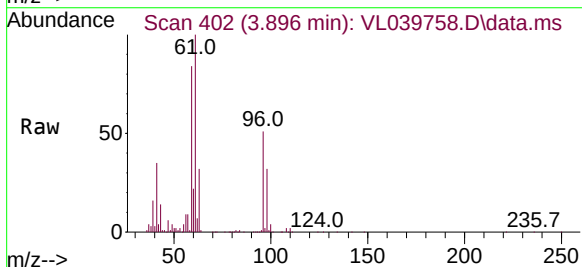
Tgt Ion: 96 Resp: 499827

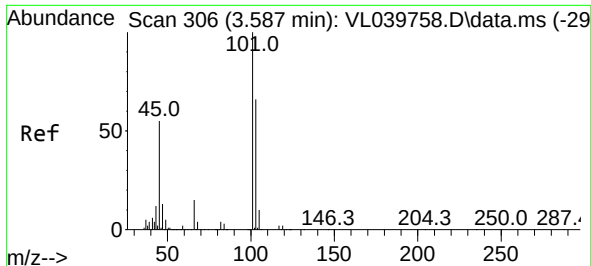
Ion Ratio Lower Upper

96 100

61 197.0 152.7 229.1

98 62.4 50.2 75.2





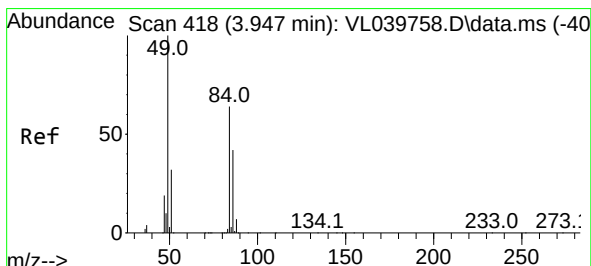
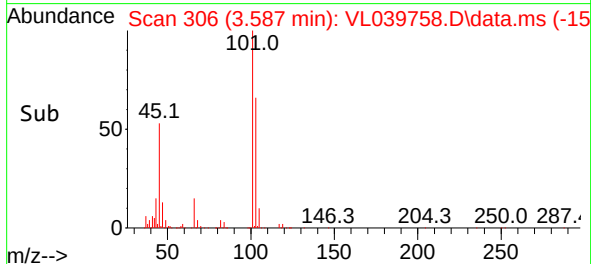
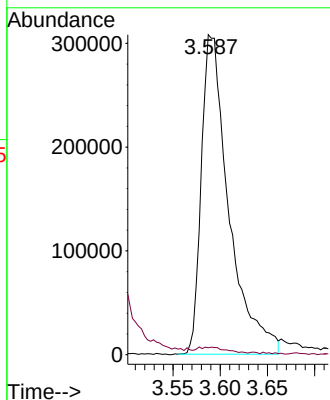
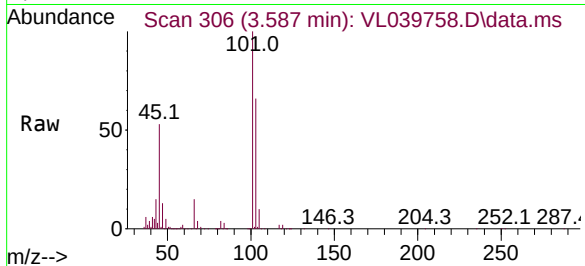
#19
Isopropyl Alcohol
Concen: 10.424 ppbv
RT: 3.587 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 62384
Ion Ratio Lower Upper
45 100
58 3.5 3.3 4.9

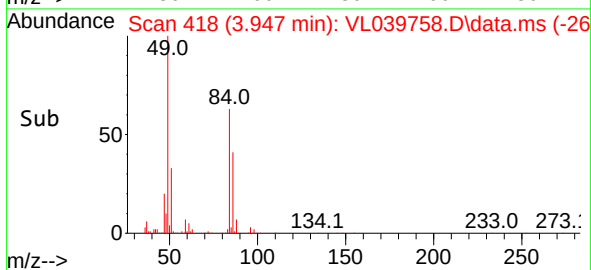
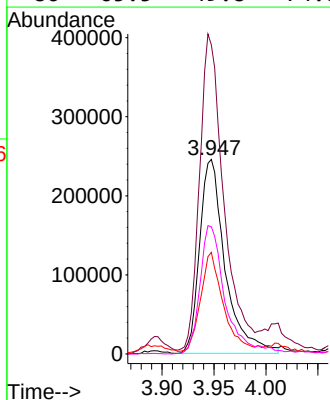
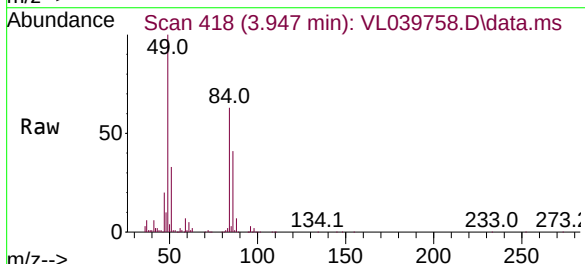
Manual Integrations
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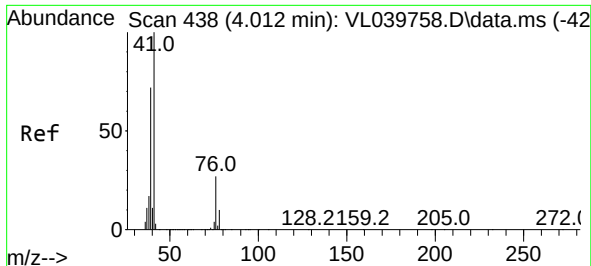
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 8.506 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Tgt Ion: 84 Resp: 419081
Ion Ratio Lower Upper
84 100
49 157.5 124.2 186.4
51 51.1 36.6 54.8
86 65.5 49.8 74.8





#21

Allyl Chloride

Concen: 9.253 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

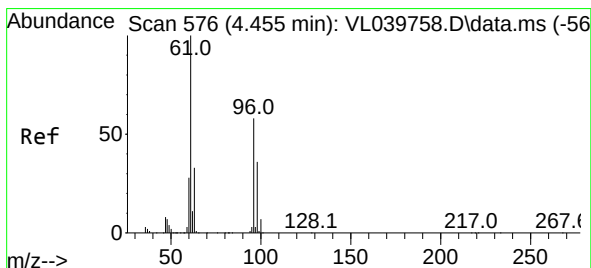
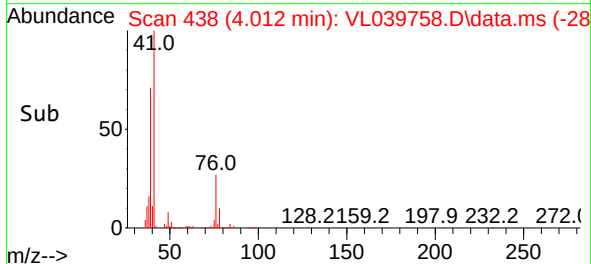
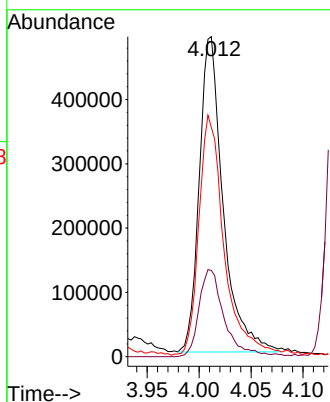
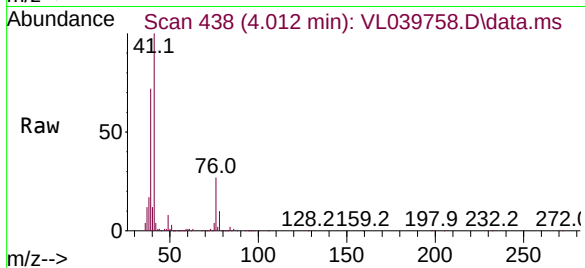
Tgt Ion: 41 Resp: 782580

Ion	Ratio	Lower	Upper
41	100		
76	29.4	23.5	35.3
39	81.1	67.4	101.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22

trans-1,2-Dichloroethene

Concen: 9.457 ppbv

RT: 4.455 min Scan# 576

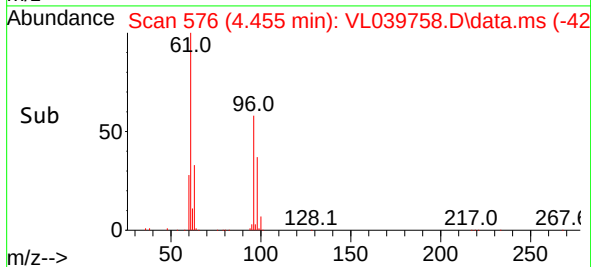
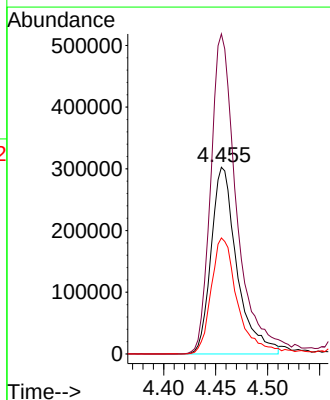
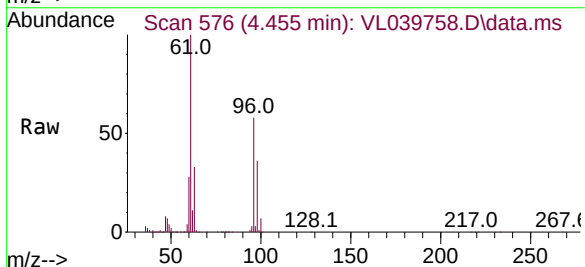
Delta R.T. 0.000 min

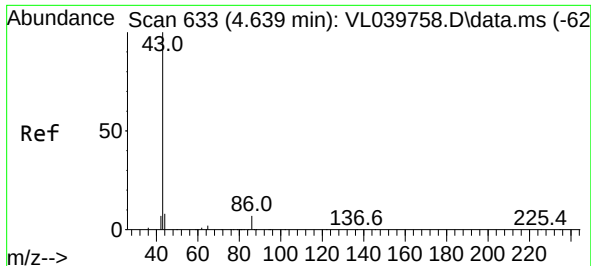
Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Tgt Ion: 96 Resp: 524290

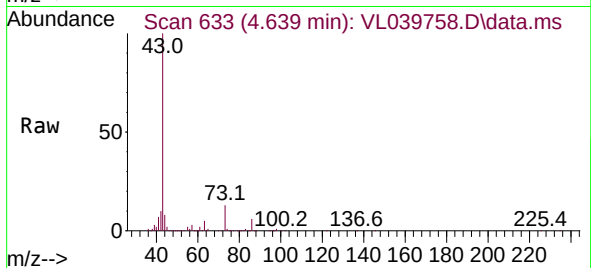
Ion	Ratio	Lower	Upper
96	100		
61	171.4	132.9	199.3
98	62.2	51.6	77.4





#23
 Vinyl Acetate
 Concen: 8.579 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

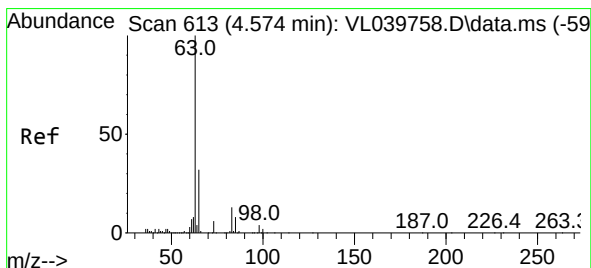
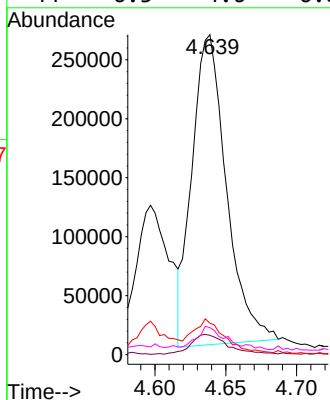
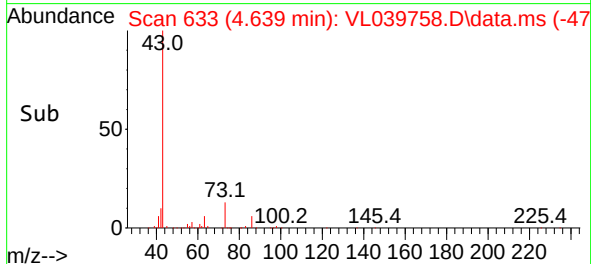
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



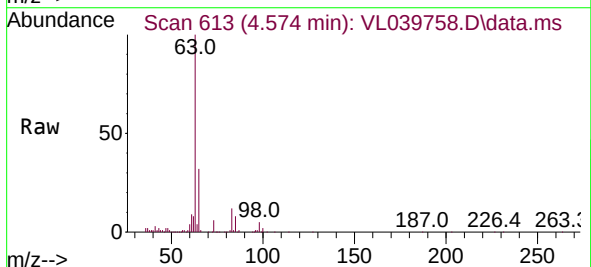
Tgt Ion: 43 Resp: 443609
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.3 6.5
 42 9.0 7.9 11.9
 44 6.3 4.6 6.8

Manual Integrations
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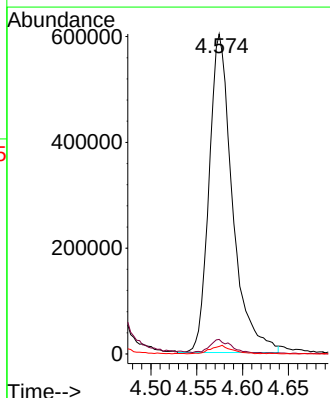
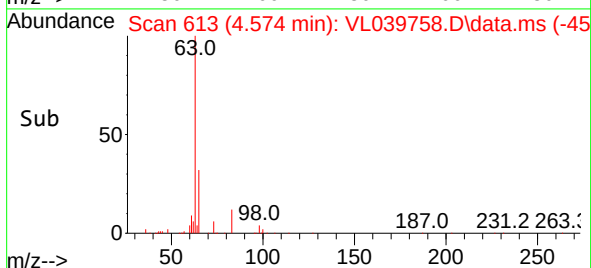
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

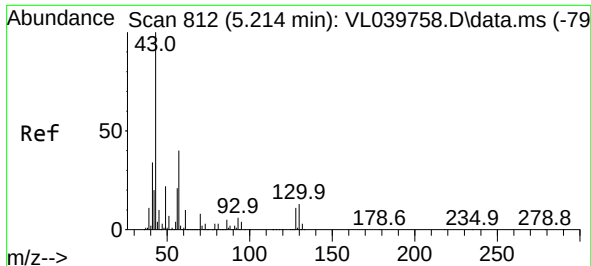


#24
 1,1-Dichloroethane
 Concen: 9.042 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55



Tgt Ion: 63 Resp: 1065966
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 2.3 1.2 3.6





#25

Ethyl Acetate

Concen: 9.939 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.000 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 2440089

Ion Ratio Lower Upper

43 100

45 10.2 8.1 12.1

61 10.3 7.5 11.3

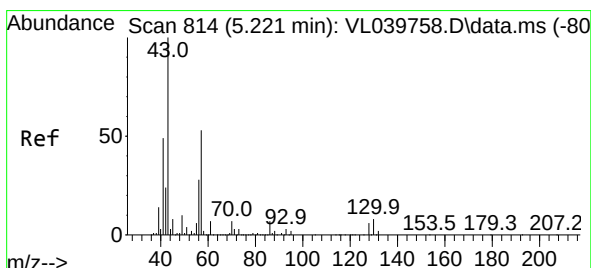
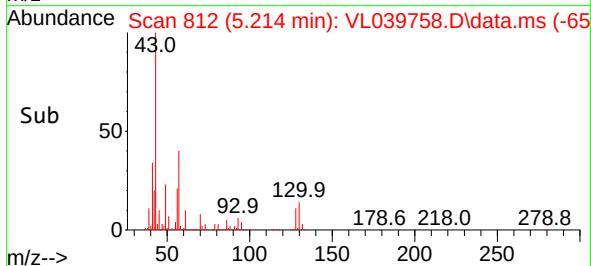
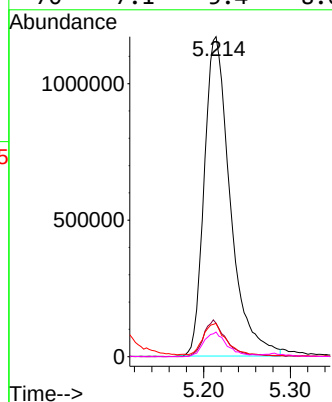
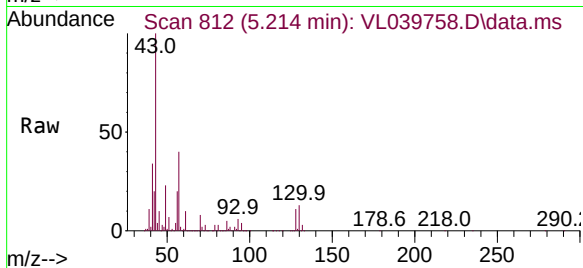
70 7.1 5.4 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Hexane

Concen: 10.208 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Tgt Ion: 57 Resp: 1020685

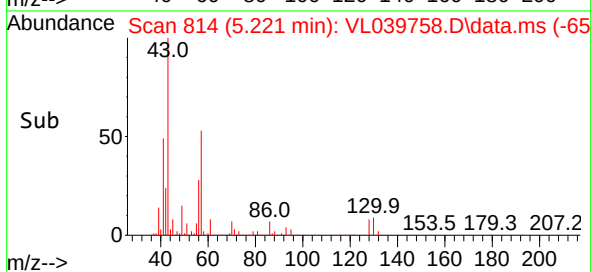
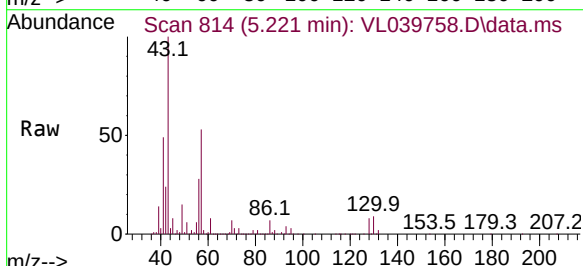
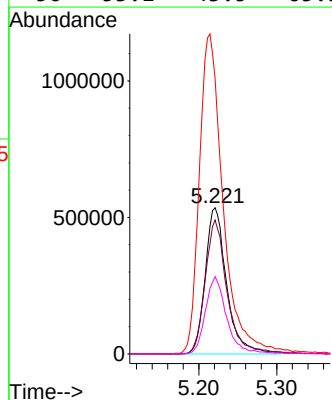
Ion Ratio Lower Upper

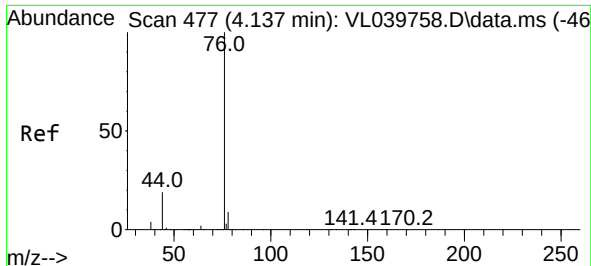
57 100

41 95.1 76.8 115.2

43 246.4 201.0 301.4

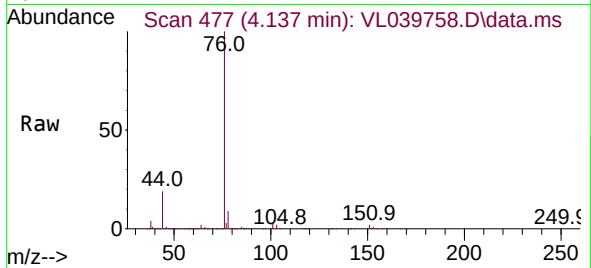
56 53.1 43.5 65.3





#27
Carbon Disulfide
Concen: 10.129 ppbv
RT: 4.137 min Scan# 477
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

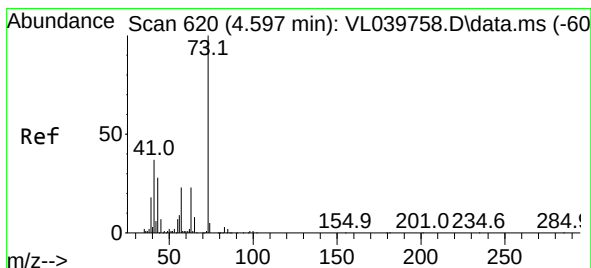
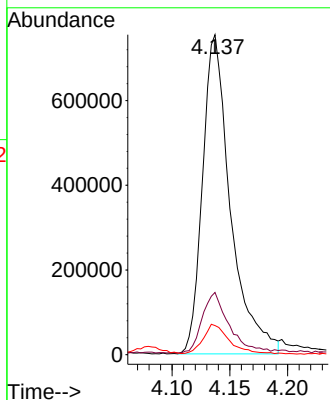
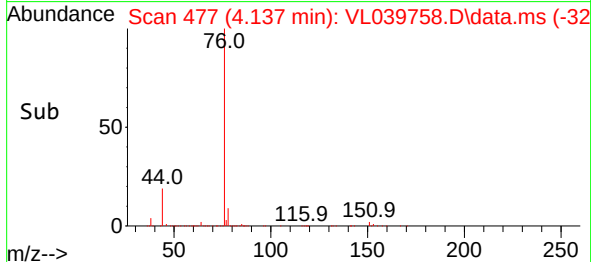
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



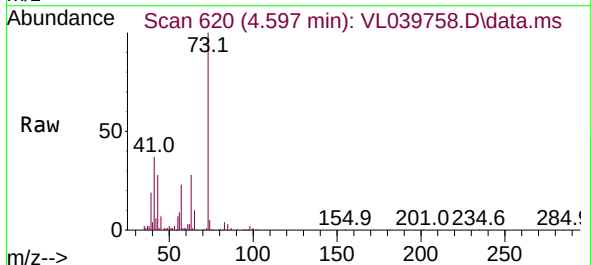
Tgt Ion: 76 Resp: 1268129
Ion Ratio Lower Upper
76 100
44 20.8 14.5 21.7
78 9.5 8.1 12.1

Manual Integrations
APPROVED

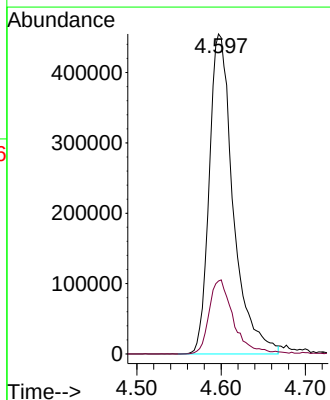
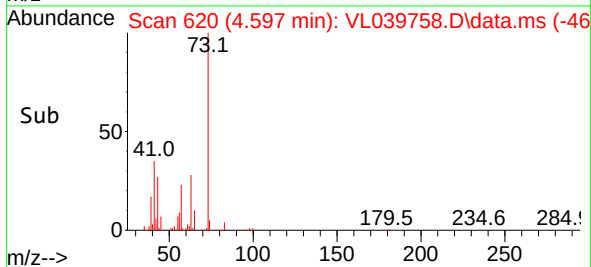
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

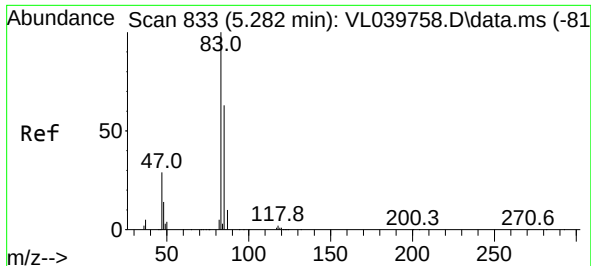


#28
Methyl tert-Butyl Ether
Concen: 9.493 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion: 73 Resp: 900097
Ion Ratio Lower Upper
73 100
57 23.9 19.4 29.2





#29

Chloroform

Concen: 9.477 ppbv

RT: 5.282 min Scan# 833

Delta R.T. 0.000 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1519014

Ion Ratio Lower Upper

83 100

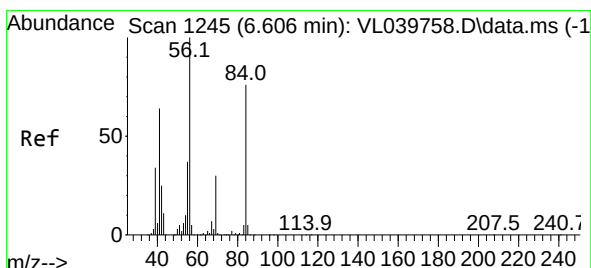
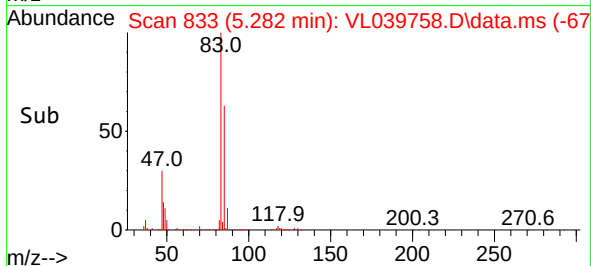
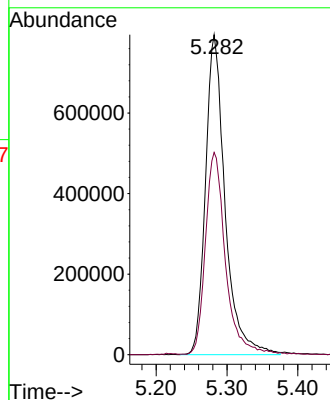
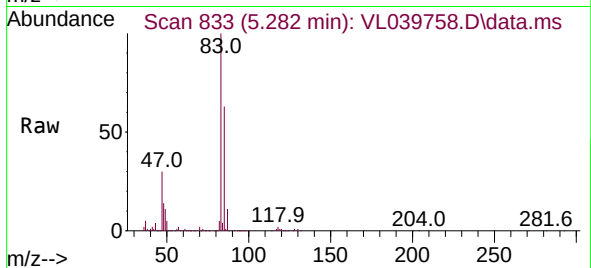
85 63.0 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 10.083 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

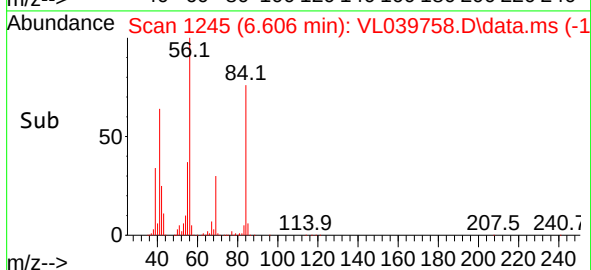
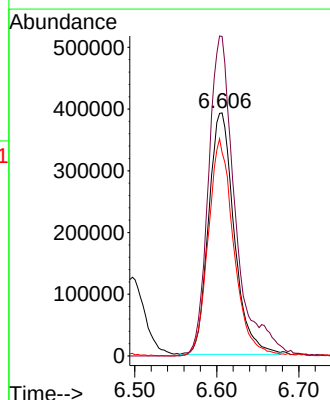
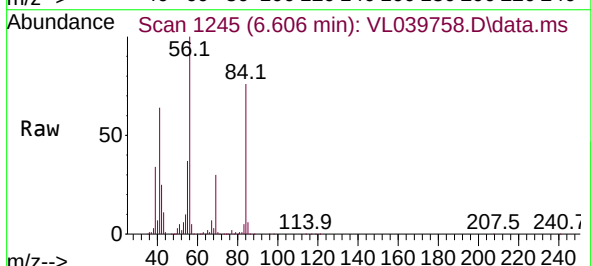
Tgt Ion: 84 Resp: 847554

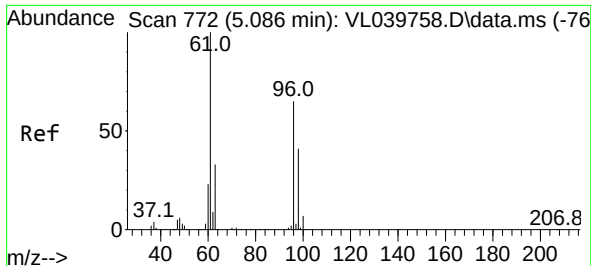
Ion Ratio Lower Upper

84 100

56 139.7 114.2 171.4

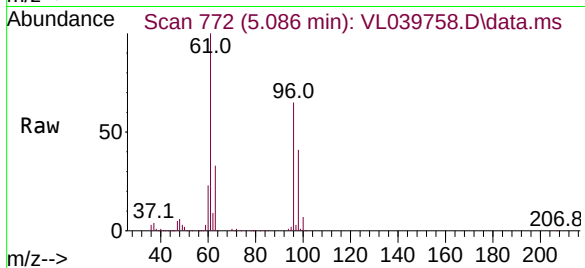
41 89.4 74.2 111.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.630 ppbv
 RT: 5.086 min Scan# 772
 Delta R.T. 0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

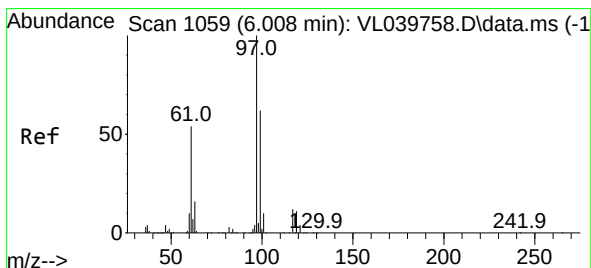
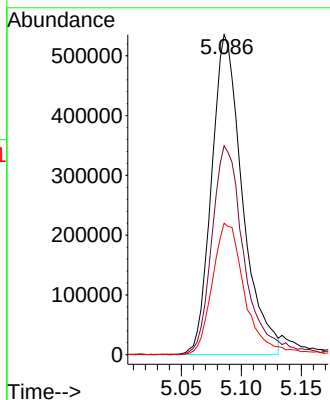
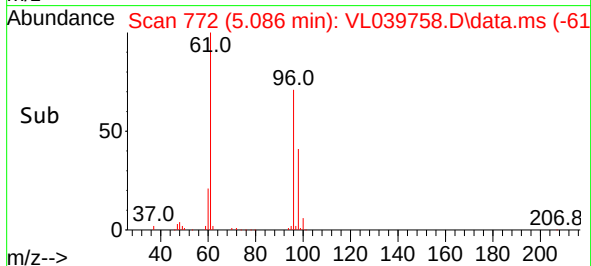
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 61 Resp: 95310
 Ion Ratio Lower Upper
 61 100
 96 65.2 48.3 72.5
 98 41.1 33.2 49.8

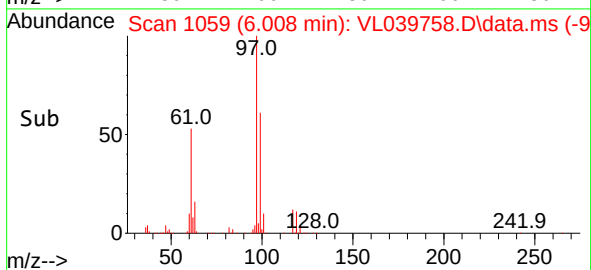
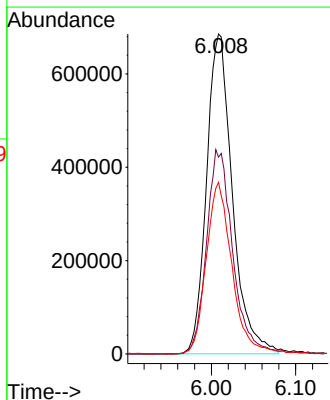
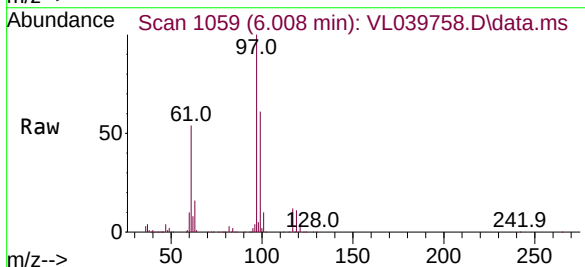
Manual Integrations
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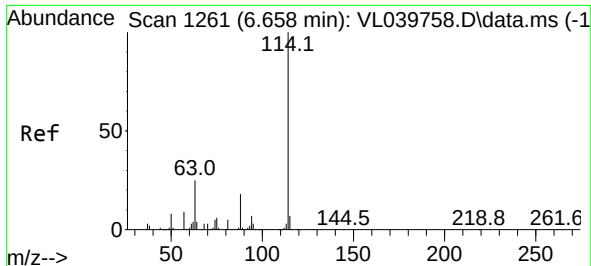
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.510 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

Tgt Ion: 97 Resp: 1461097
 Ion Ratio Lower Upper
 97 100
 99 65.3 53.0 79.4
 61 54.0 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 267326

Ion Ratio Lower Upper

114 100

63 25.1 19.8 29.6

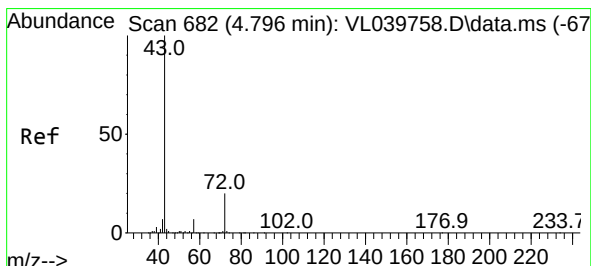
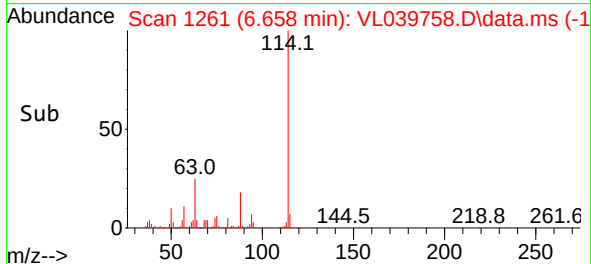
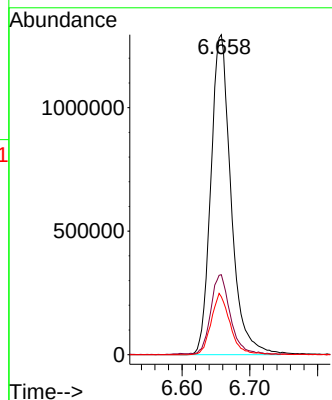
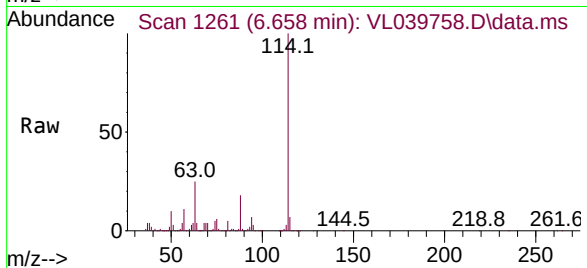
88 18.1 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 10.135 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039758.D

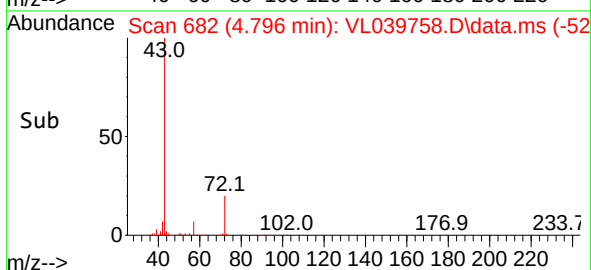
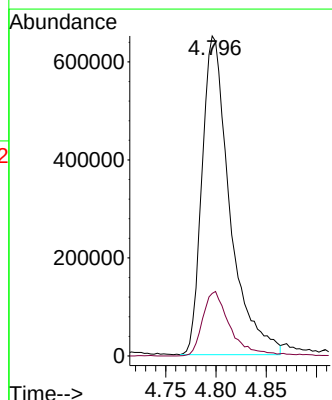
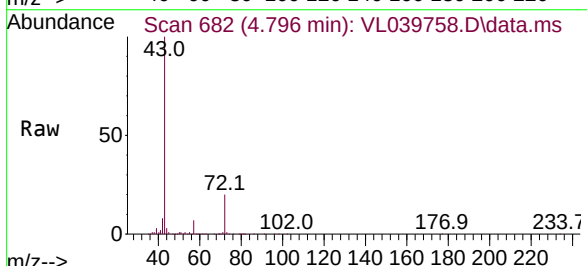
Acq: 24 Oct 2022 13:55

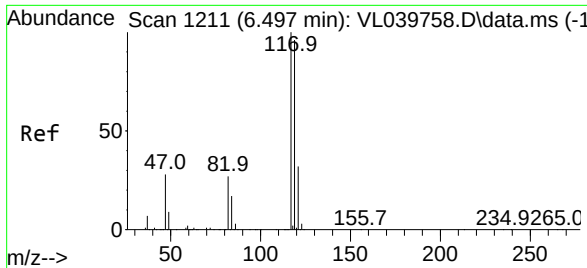
Tgt Ion: 43 Resp: 1249718

Ion Ratio Lower Upper

43 100

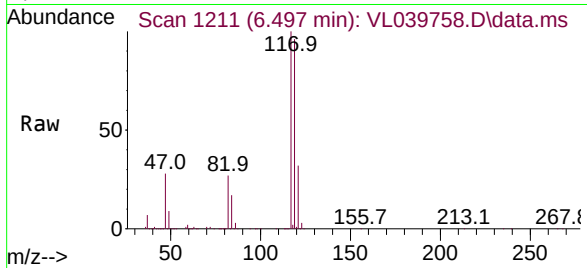
72 20.6 17.1 25.7





#35
Carbon Tetrachloride
Concen: 11.394 ppbv
RT: 6.497 min Scan# 1211
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

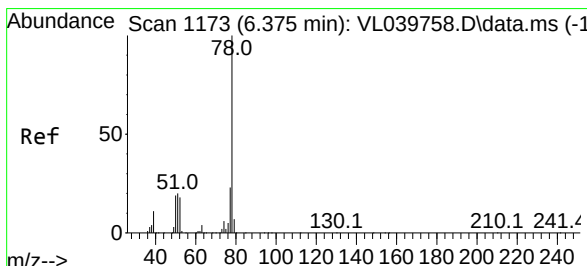
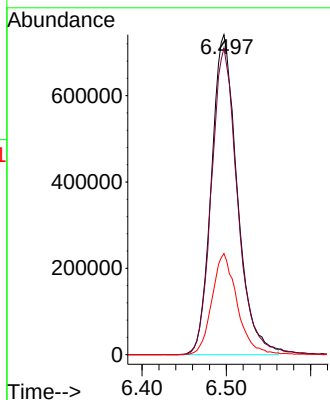
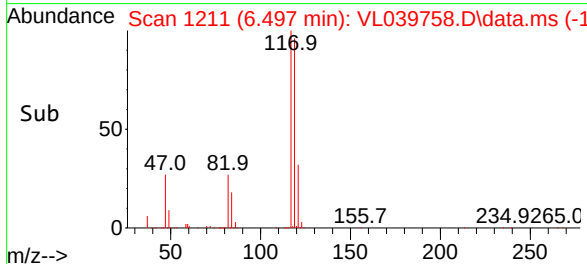
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



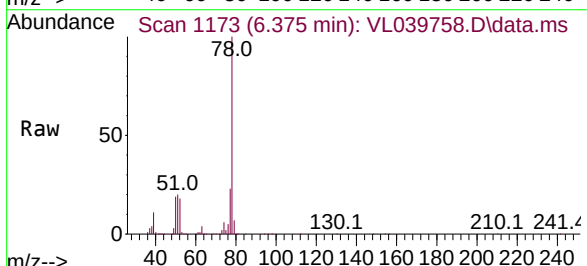
Tgt Ion:117 Resp: 1578614
Ion Ratio Lower Upper
117 100
119 95.8 79.2 118.8
121 31.6 25.0 37.6

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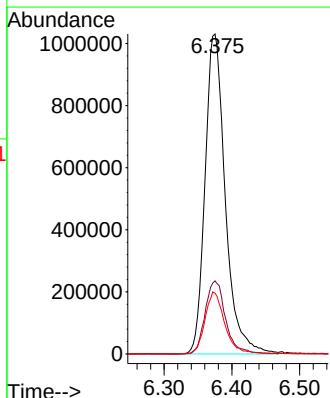
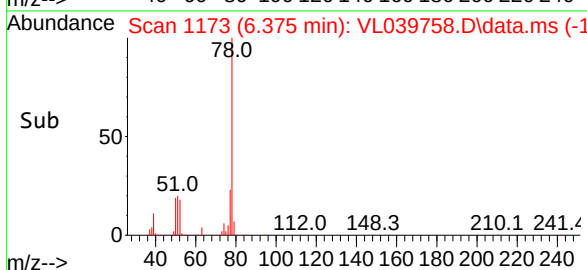
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

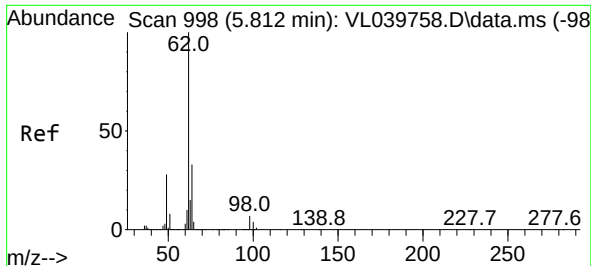


#36
Benzene
Concen: 10.587 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



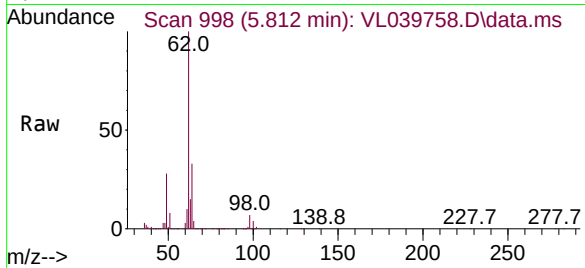
Tgt Ion: 78 Resp: 2135931
Ion Ratio Lower Upper
78 100
77 22.9 17.3 25.9
50 19.0 14.9 22.3





#37
1,2-Dichloroethane
Concen: 10.363 ppbv
RT: 5.812 min Scan# 998
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

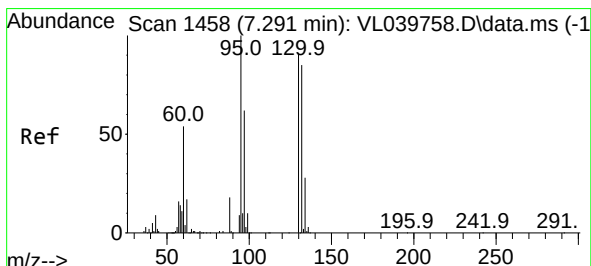
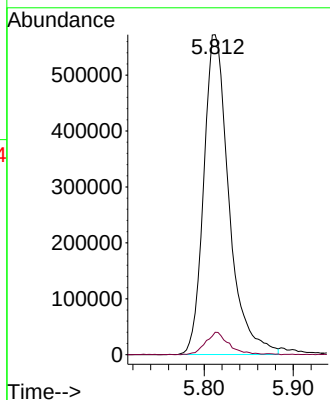
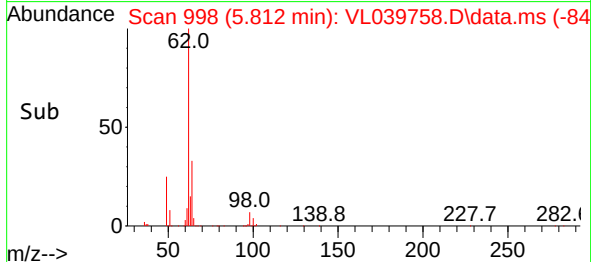
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



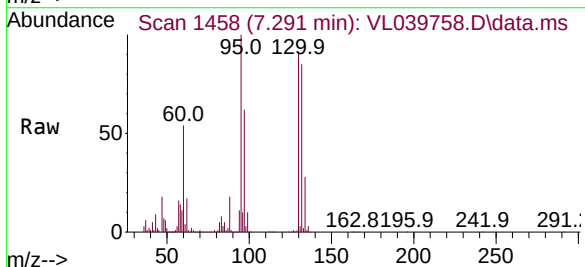
Tgt Ion: 62 Resp: 1126258
Ion Ratio Lower Upper
62 100
98 6.5 5.4 8.0

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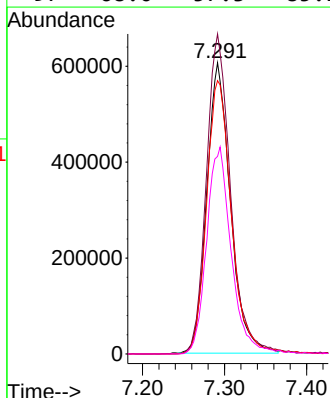
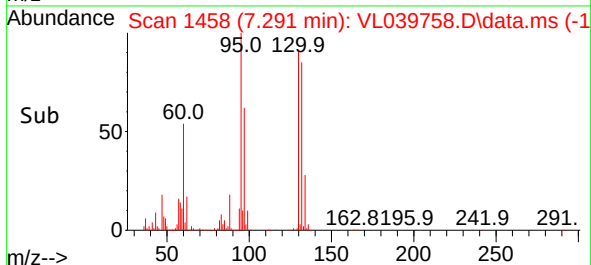
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

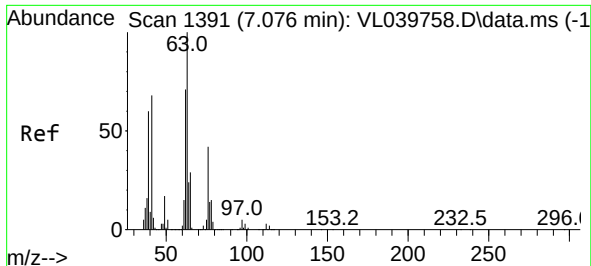


#38
Trichloroethene
Concen: 11.278 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion:130 Resp: 1220374
Ion Ratio Lower Upper
130 100
95 110.1 85.4 128.2
132 94.0 73.0 109.6
97 68.0 57.3 85.9





#39

1,2-Dichloropropane

Concen: 10.432 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 807368

Ion Ratio Lower Upper

63 100

41 68.1 59.5 89.3

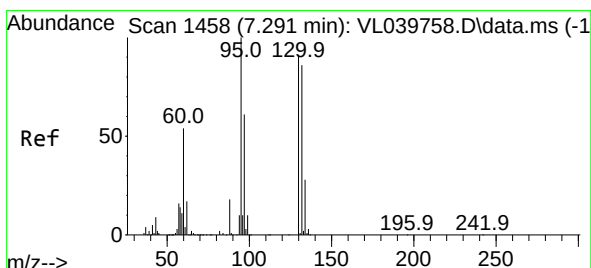
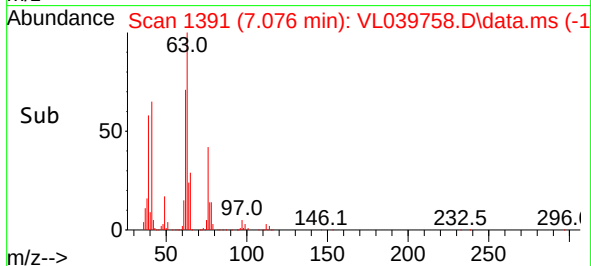
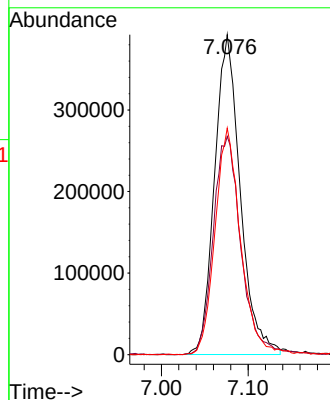
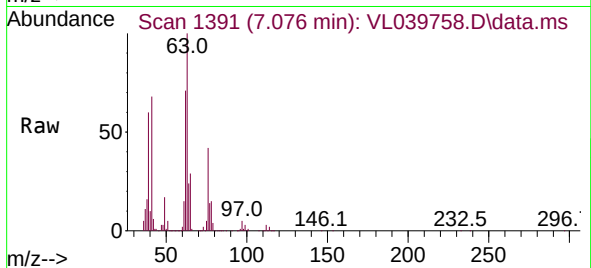
62 70.8 55.2 82.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 9.160 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Tgt Ion: 88 Resp: 271559

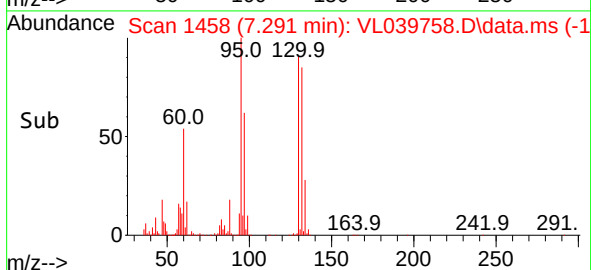
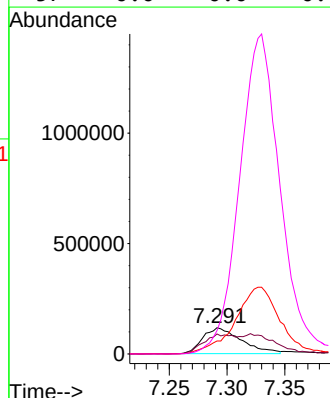
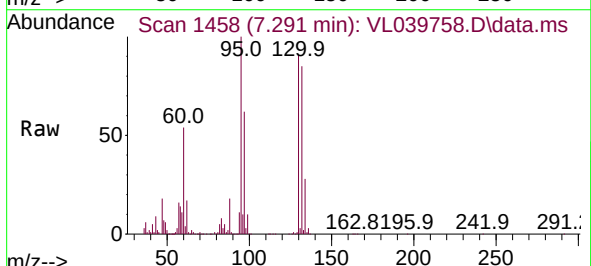
Ion Ratio Lower Upper

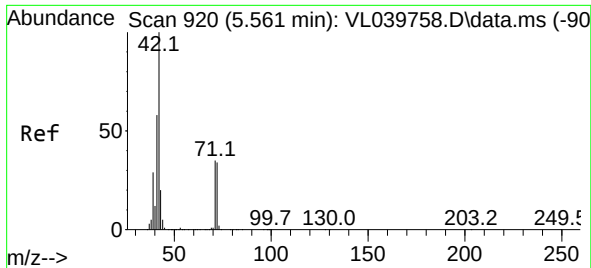
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

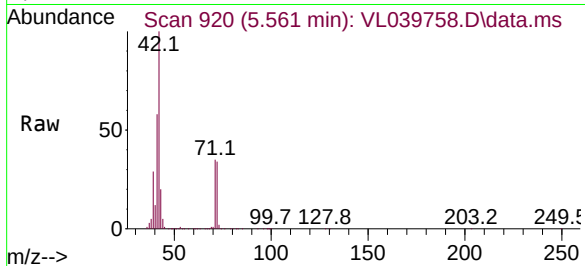
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.161 ppbv
RT: 5.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

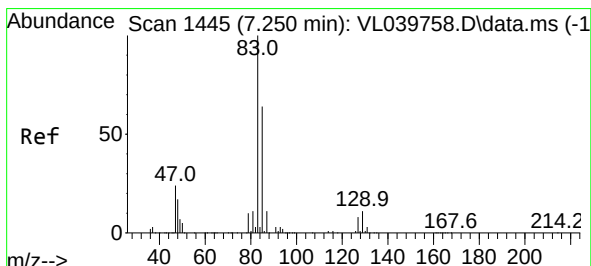
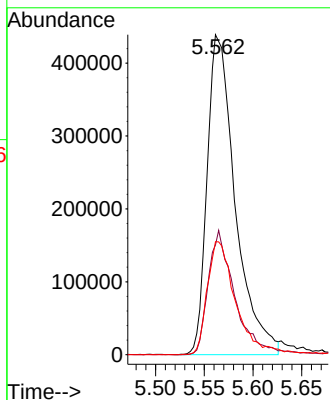
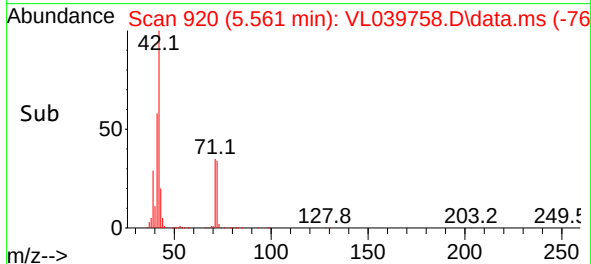
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



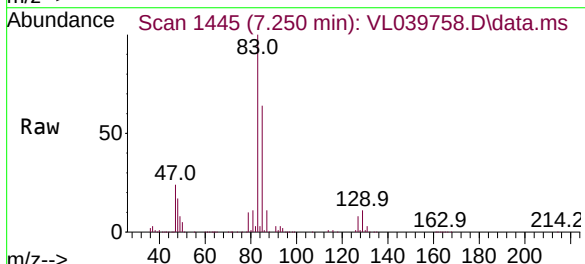
Tgt Ion: 42 Resp: 88237
Ion Ratio Lower Upper
42 100
72 37.4 30.0 45.0
71 36.5 29.3 43.9

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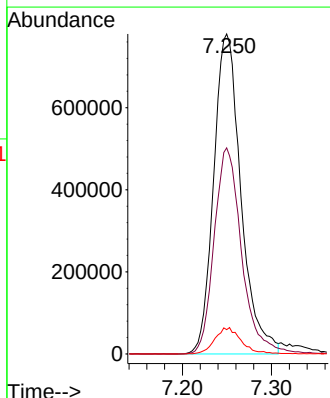
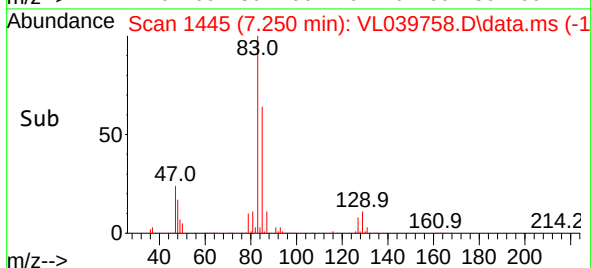
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

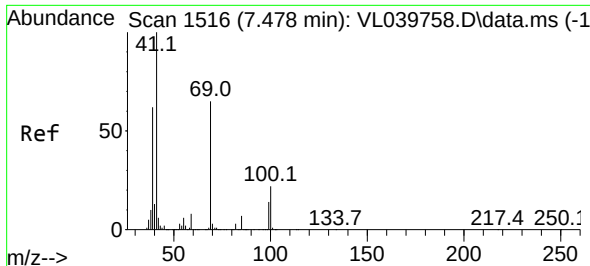


#42
Bromodichloromethane
Concen: 11.114 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



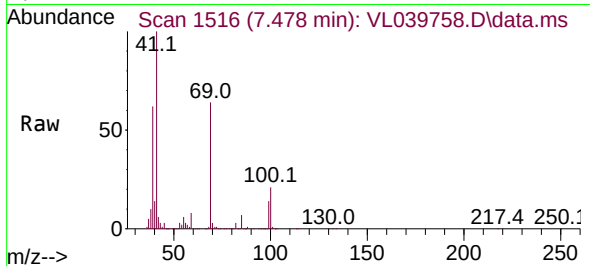
Tgt Ion: 83 Resp: 1658784
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 7.6 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.565 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

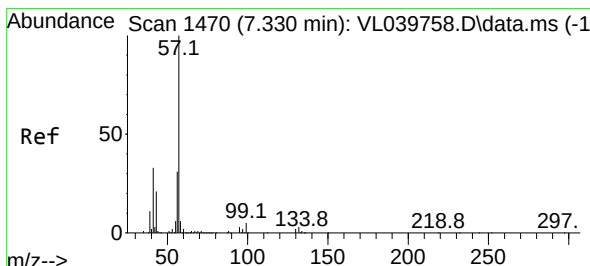
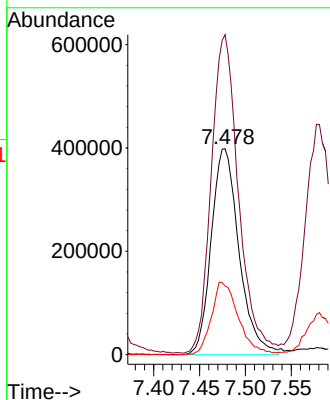
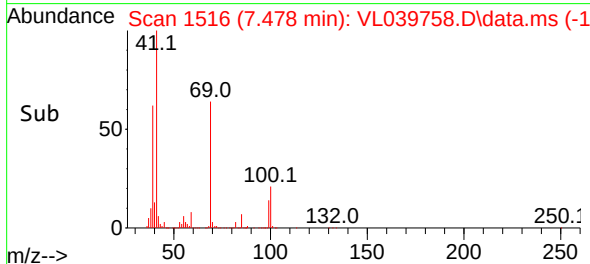
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 839312
Ion Ratio Lower Upper
69 100
41 152.2 124.6 186.8
100 34.1 27.5 41.3

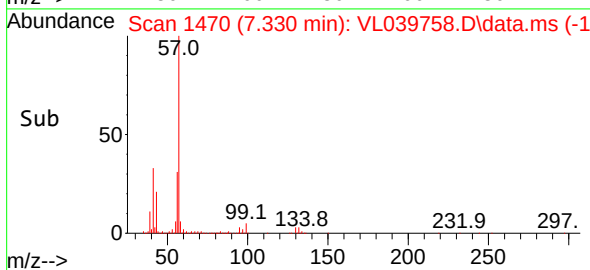
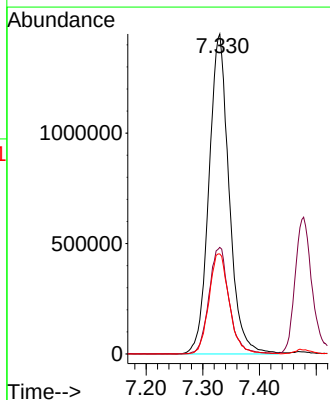
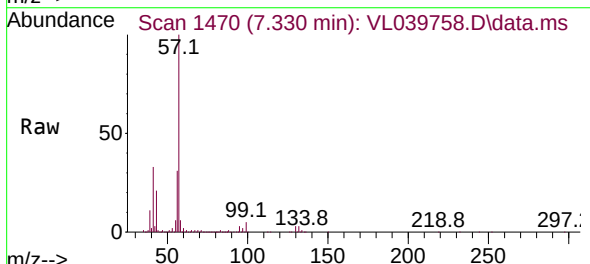
Manual Integrations
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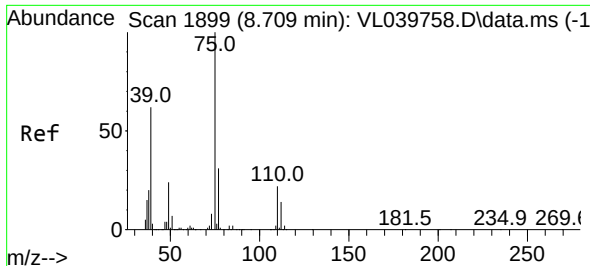
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 10.451 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Tgt Ion: 57 Resp: 3572676
Ion Ratio Lower Upper
57 100
41 33.3 27.1 40.7
56 31.7 25.2 37.8





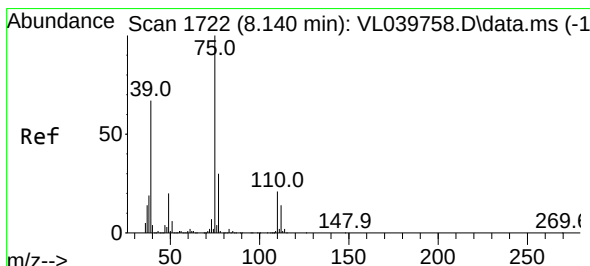
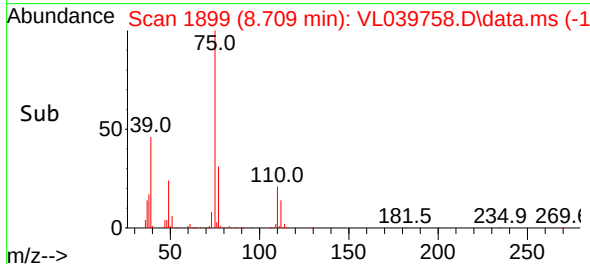
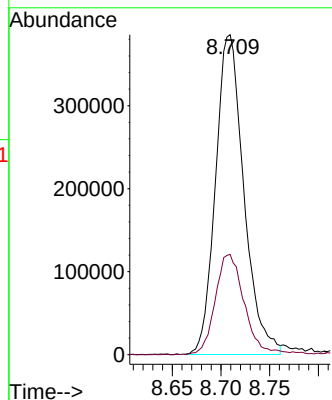
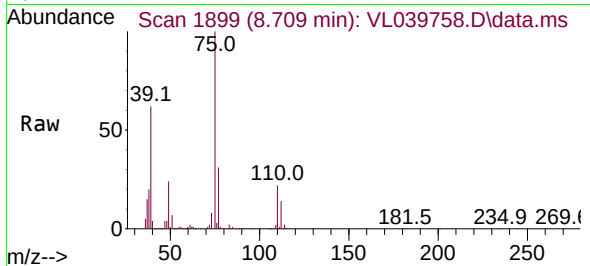
#45
 t-1,3-Dichloropropene
 Concen: 12.962 ppbv
 RT: 8.709 min Scan# 1899
 Delta R.T. 0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 778700
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.6 39.8

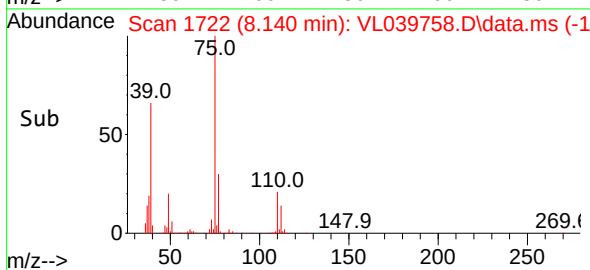
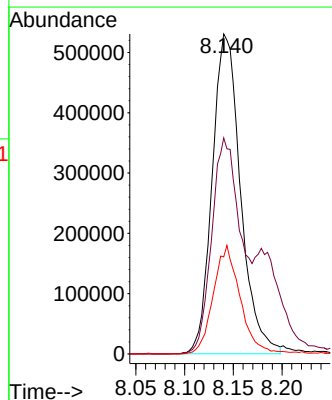
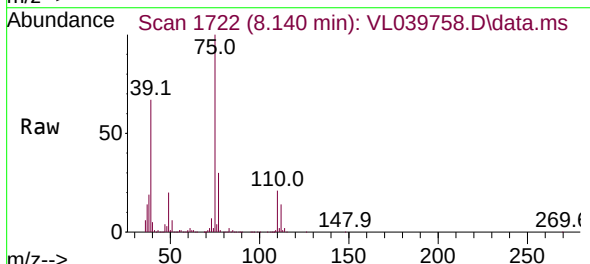
Manual Integrations
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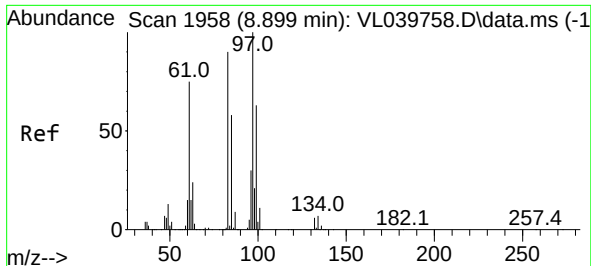
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#46
 cis-1,3-Dichloropropene
 Concen: 12.594 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

Tgt Ion: 75 Resp: 1071707
 Ion Ratio Lower Upper
 75 100
 39 67.4 52.2 78.4
 77 30.4 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 10.356 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VL039758.D

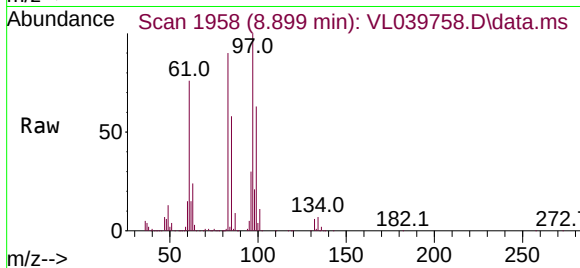
Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 97 Resp: 87037

Ion Ratio Lower Upper

97 100

83 89.5 68.8 103.2

85 57.8 44.8 67.2

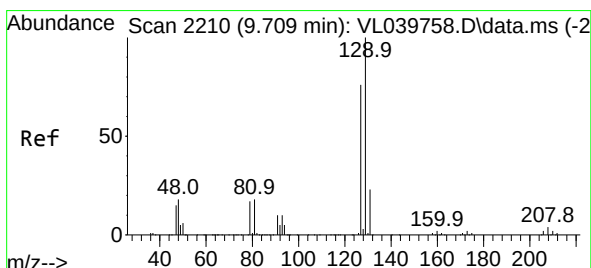
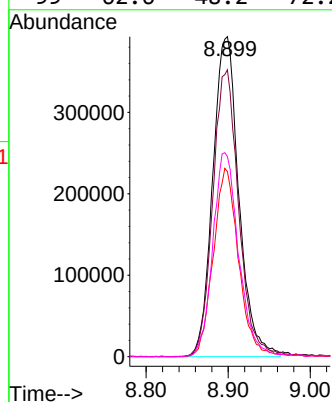
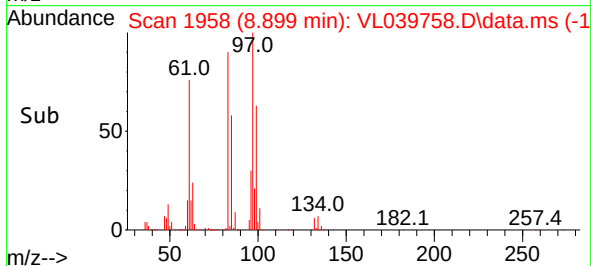
99 62.6 48.2 72.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 11.670 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VL039758.D

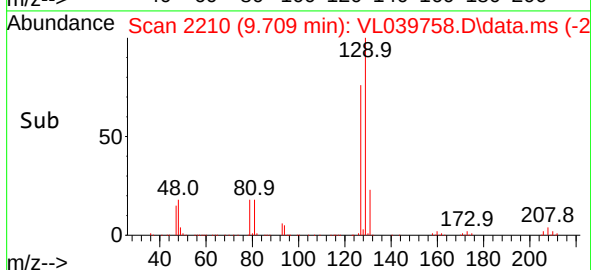
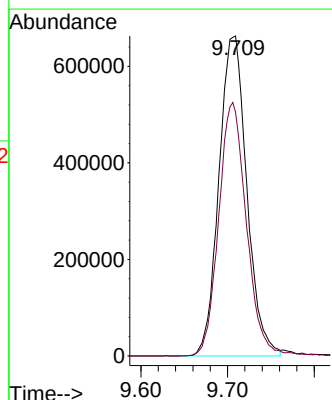
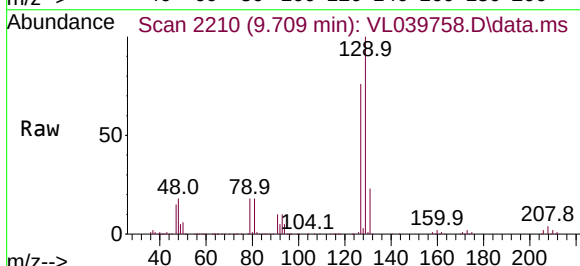
Acq: 24 Oct 2022 13:55

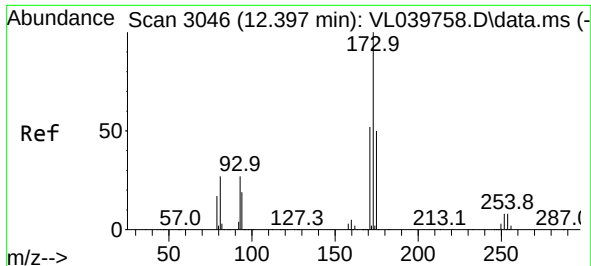
Tgt Ion:129 Resp: 1479716

Ion Ratio Lower Upper

129 100

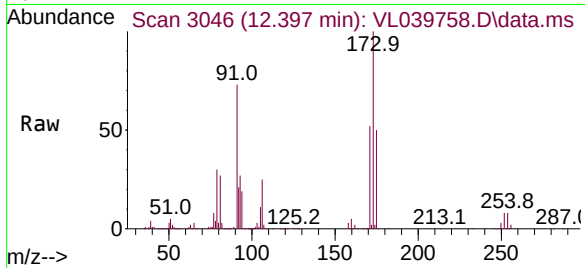
127 79.0 38.9 116.6





#49
Bromoform
Concen: 12.236 ppbv
RT: 12.397 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

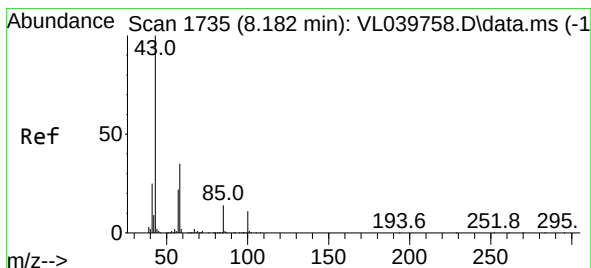
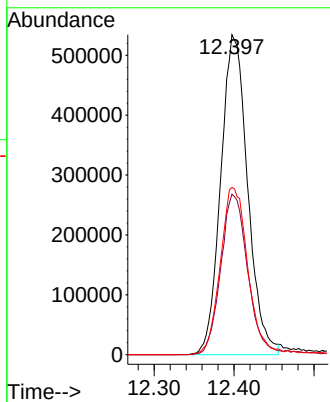
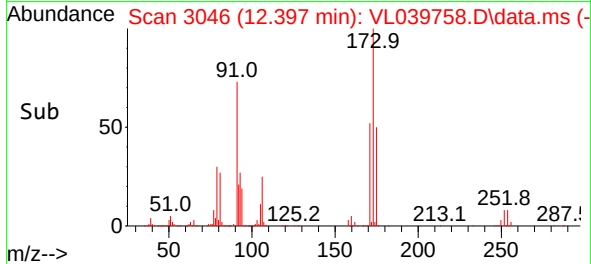
Instrument : MSVOA_L
Client Sample Id : VSTDICCC010



Tgt Ion: 173 Resp: 1248948
Ion Ratio Lower Upper
173 100
175 51.5 39.4 59.0
171 54.0 41.6 62.4

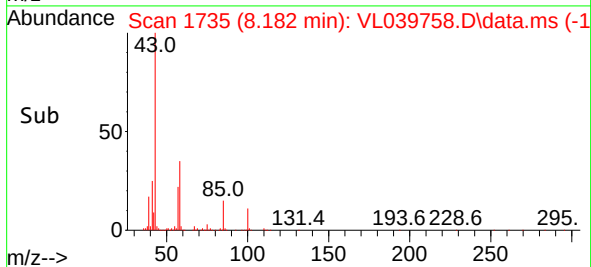
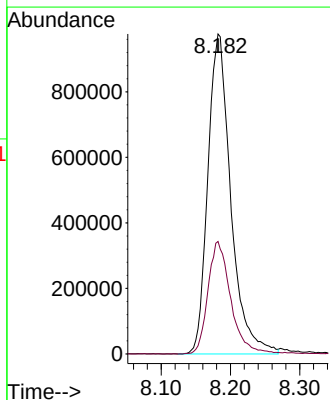
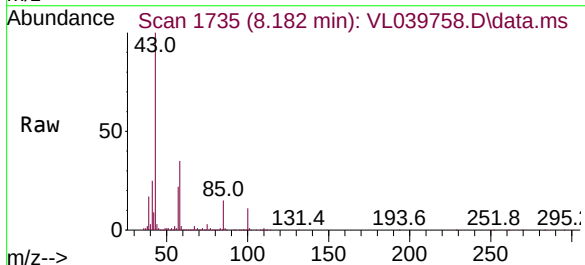
Manual Integrations APPROVED

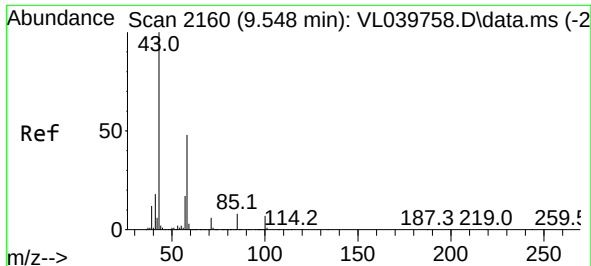
Reviewed By : Semsettin Yesilyurt 10/26/2022
Supervised By : Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 11.162 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

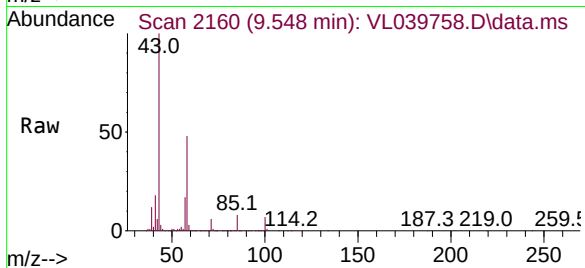
Tgt Ion: 43 Resp: 2244046
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0





#51
2-Hexanone
Concen: 11.850 ppbv
RT: 9.548 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

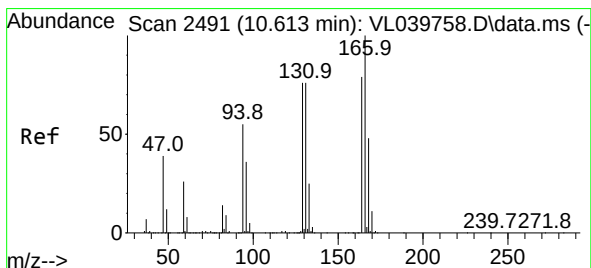
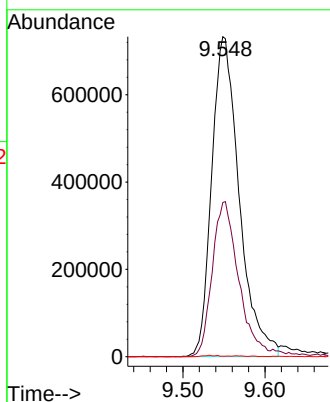
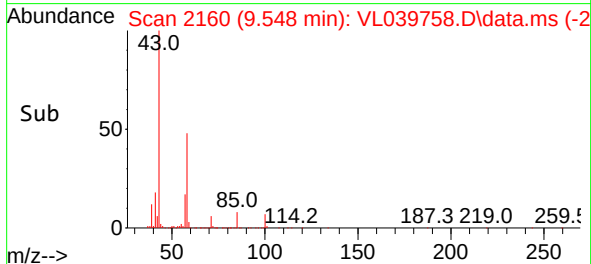
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 170764
Ion Ratio Lower Upper
43 100
58 47.6 37.6 56.4
98 0.2 0.6 0.8

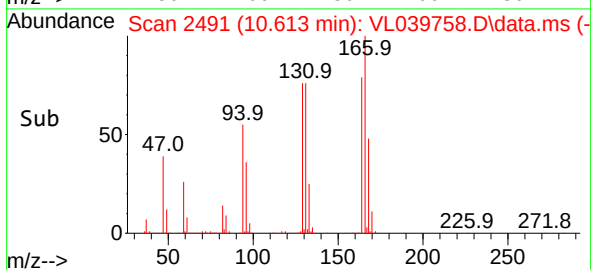
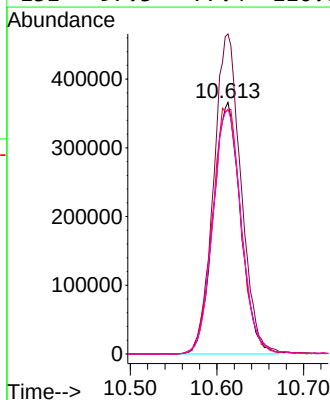
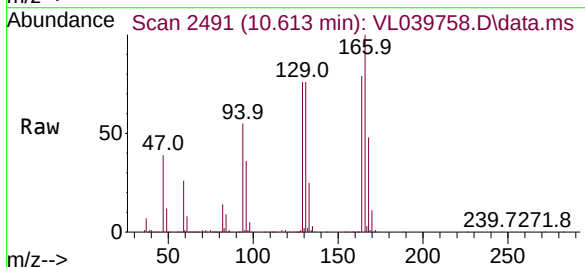
Manual Integrations
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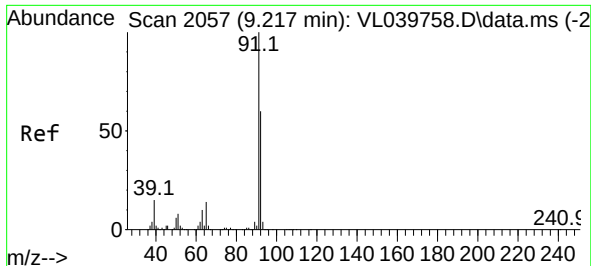
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 11.030 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

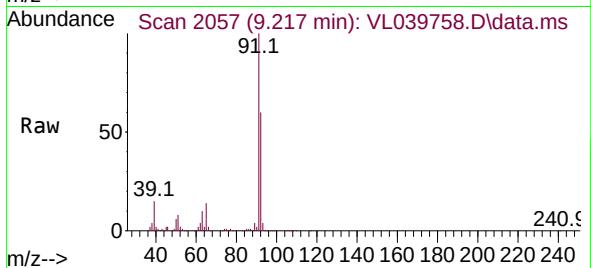
Tgt Ion:164 Resp: 803318
Ion Ratio Lower Upper
164 100
166 127.2 100.0 150.0
129 96.9 82.1 123.1
131 97.3 77.4 116.0





#53
Toluene
Concen: 11.417 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

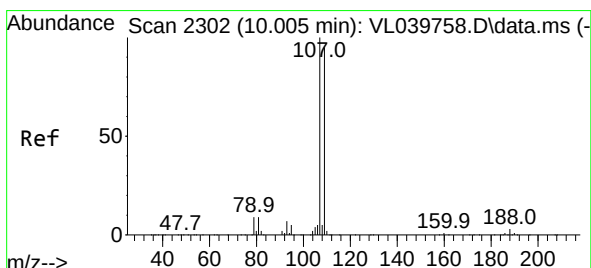
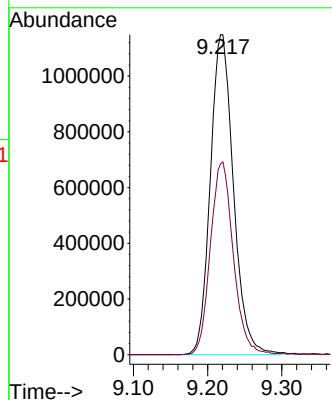
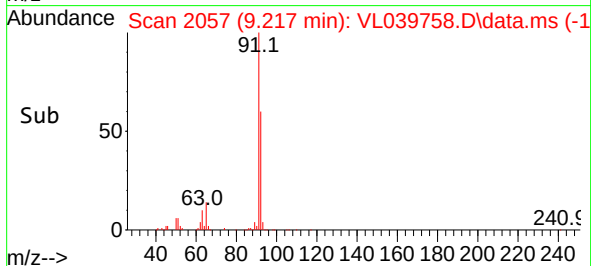
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



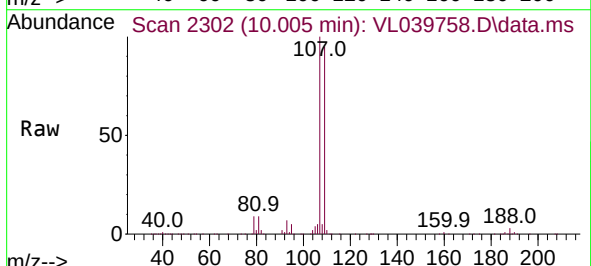
Tgt Ion: 91 Resp: 248724
Ion Ratio Lower Upper
91 100
92 60.0 47.7 71.5

Manual Integrations
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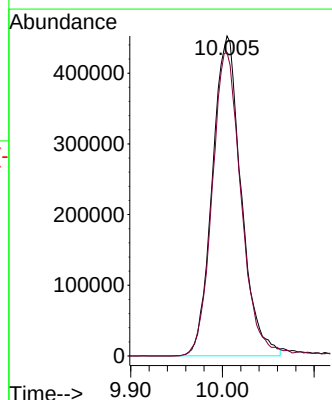
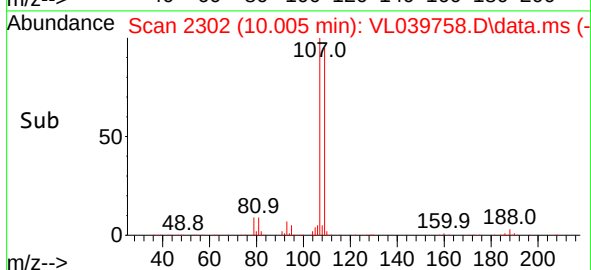
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

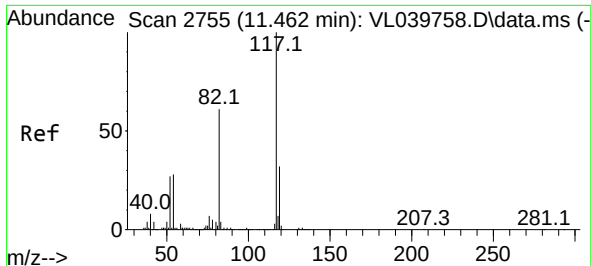


#54
1,2-Dibromoethane
Concen: 11.679 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



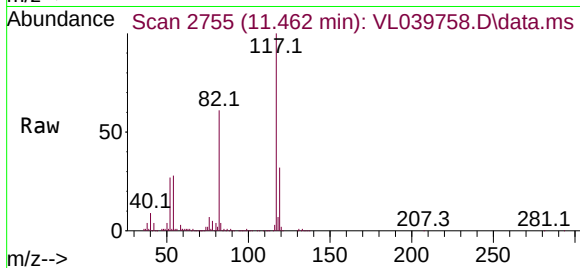
Tgt Ion:107 Resp: 987066
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

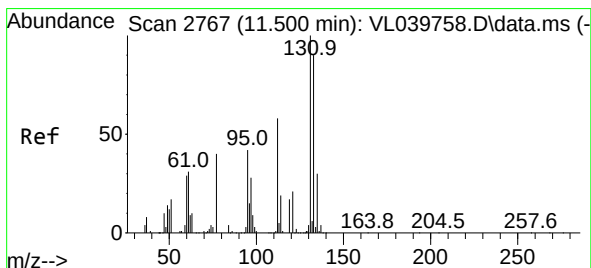
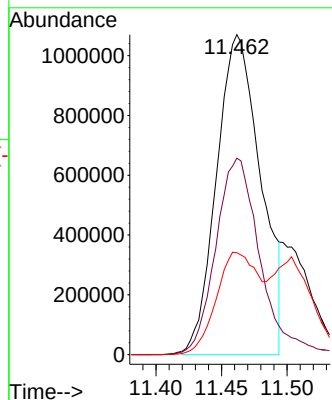
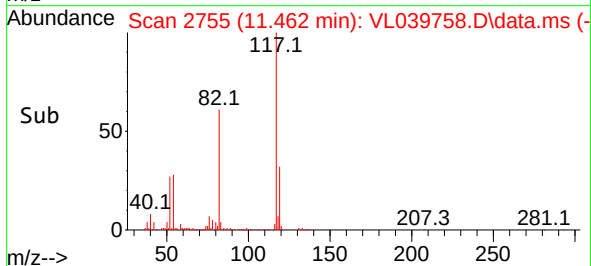
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



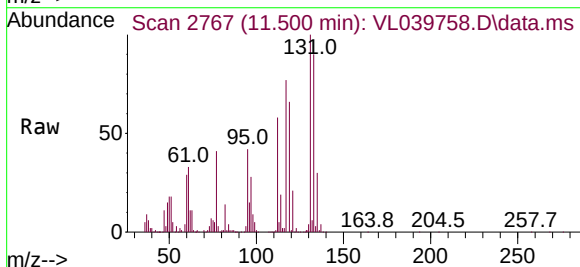
Tgt Ion:117 Resp: 250692
Ion Ratio Lower Upper
117 100
82 62.4 51.4 77.0
119 31.5 24.6 36.8

Manual Integrations
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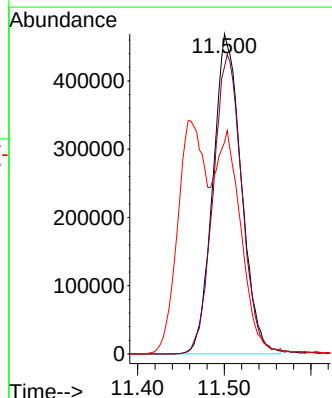
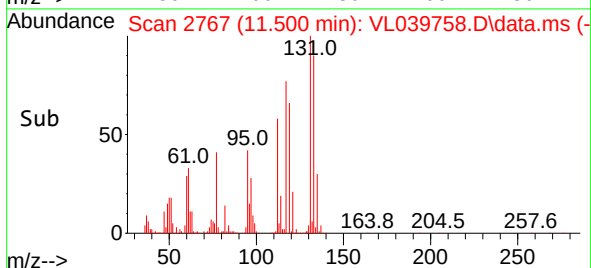
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

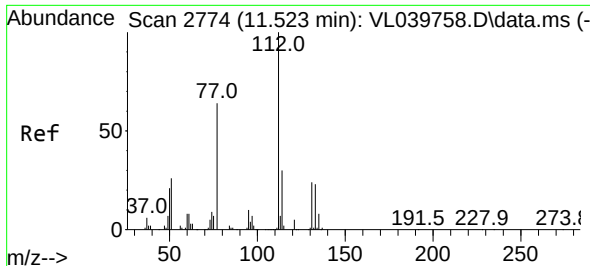


#56
1,1,1,2-Tetrachloroethane
Concen: 10.454 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



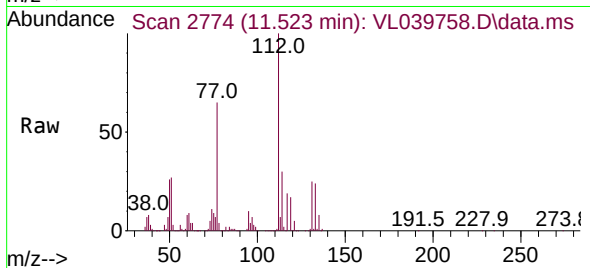
Tgt Ion:131 Resp: 1063653
Ion Ratio Lower Upper
131 100
133 96.4 77.2 115.8
119 65.0 55.5 83.3





#57
Chlorobenzene
Concen: 10.127 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

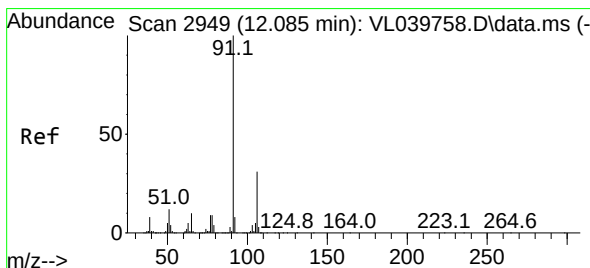
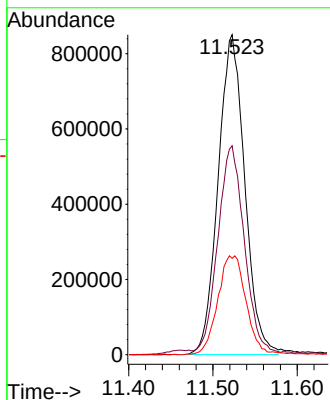
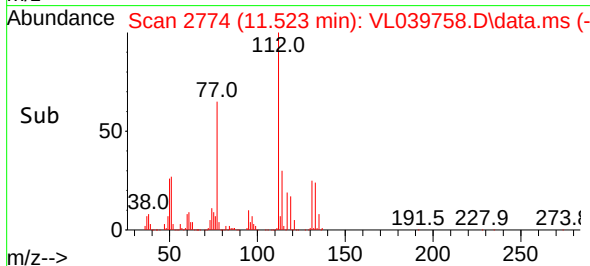
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 1862570
Ion Ratio Lower Upper
112 100
77 64.4 51.4 77.2
114 30.1 30.0 36.6

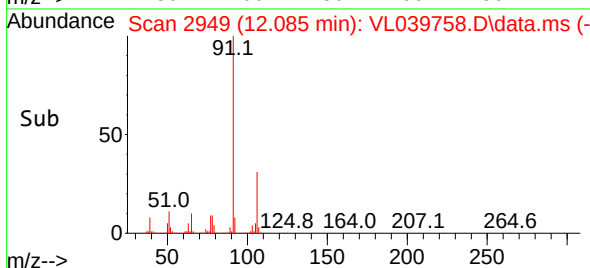
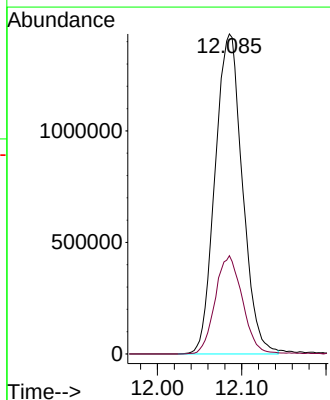
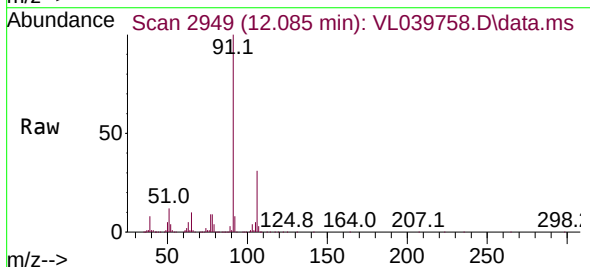
Manual Integrations
APPROVED

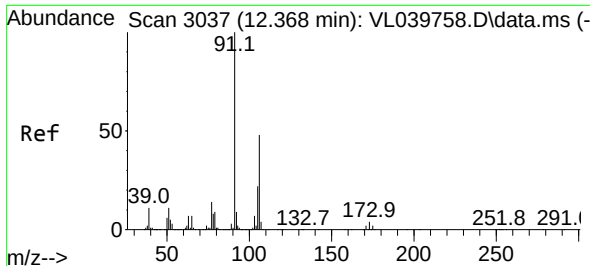
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 11.143 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

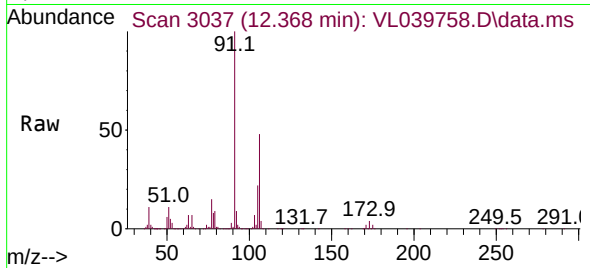
Tgt Ion: 91 Resp: 3226492
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





#59
m/p-Xylene
Concen: 21.385 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

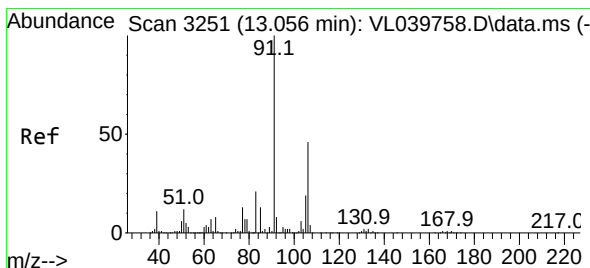
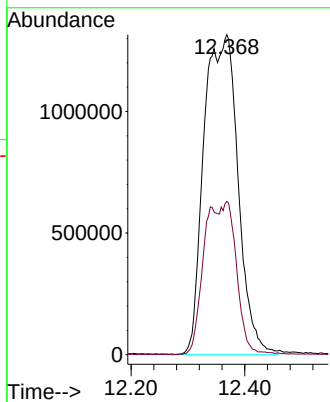
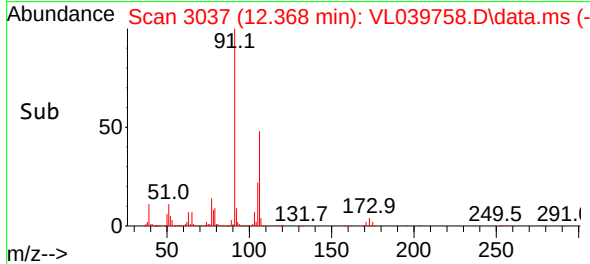
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



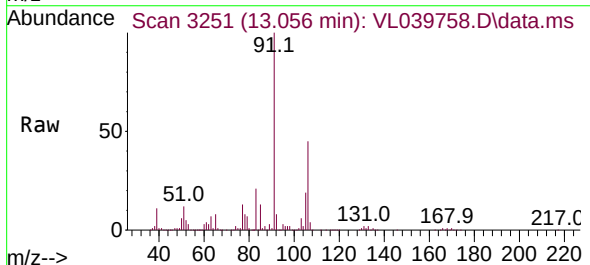
Tgt Ion: 91 Resp: 547279
Ion Ratio Lower Upper
91 100
106 45.5 36.2 54.4

Manual Integrations
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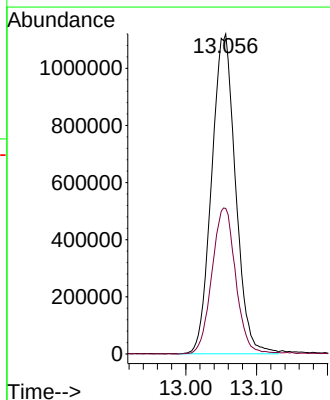
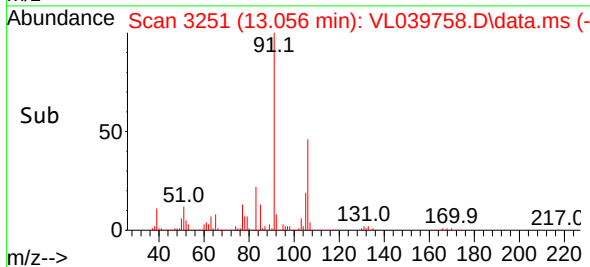
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

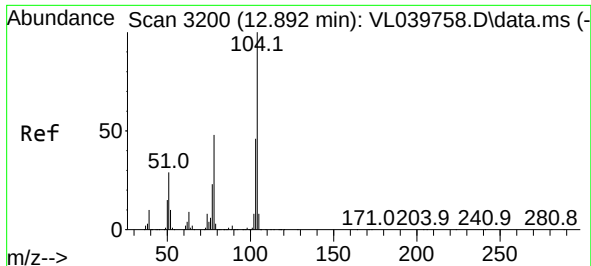


#60
o-Xylene
Concen: 10.715 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



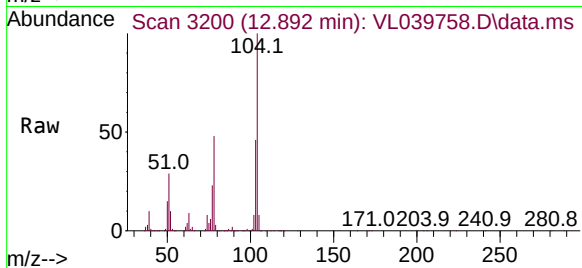
Tgt Ion: 91 Resp: 2623090
Ion Ratio Lower Upper
91 100
106 45.9 22.4 67.0





#61
Styrene
Concen: 12.312 ppbv
RT: 12.892 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

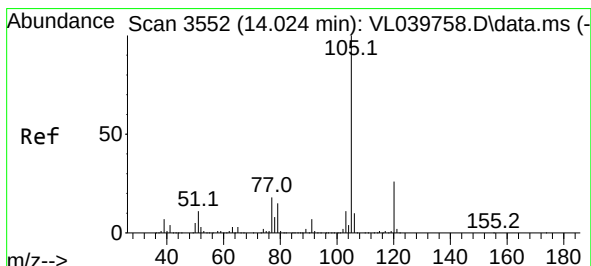
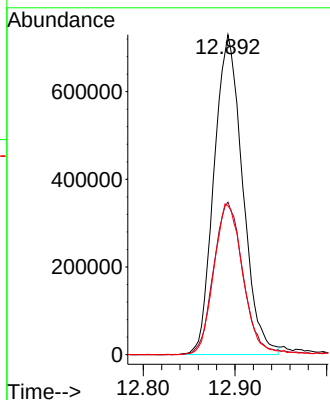
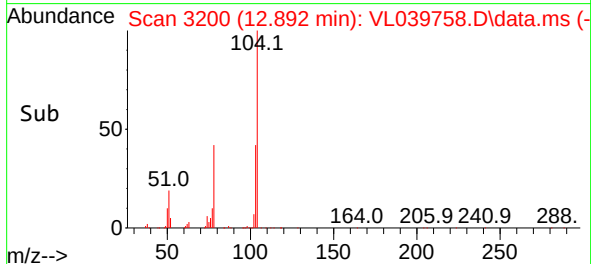
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:104 Resp: 1576988
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 48.5 38.1 57.1

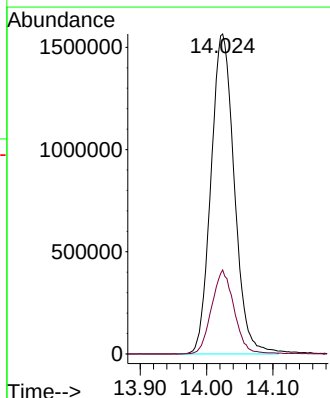
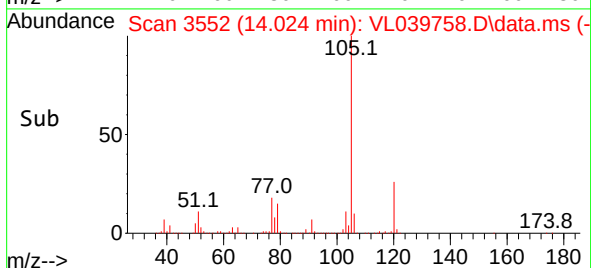
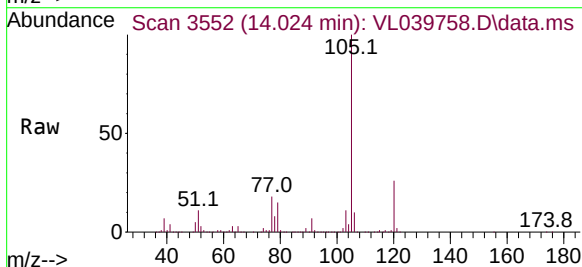
Manual Integrations
APPROVED

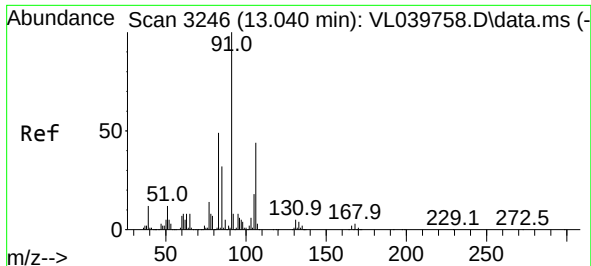
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Isopropylbenzene
Concen: 10.494 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Tgt Ion:105 Resp: 3826591
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4





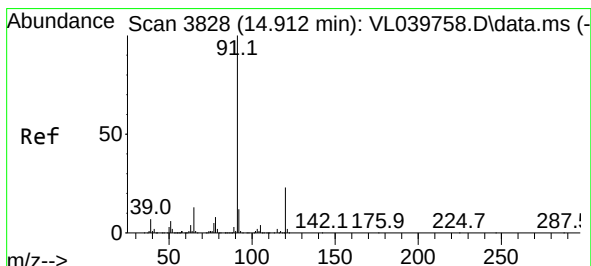
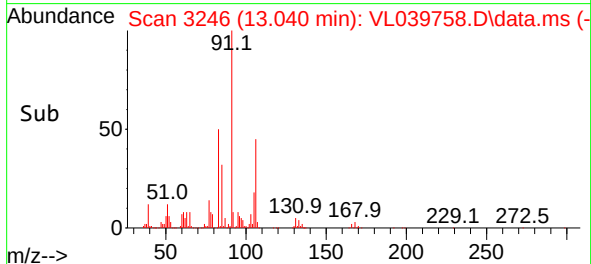
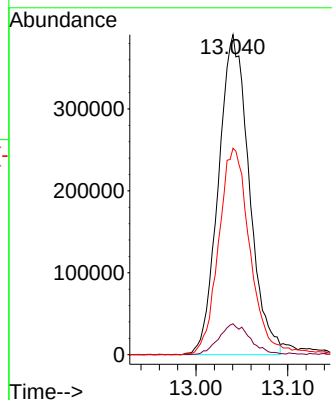
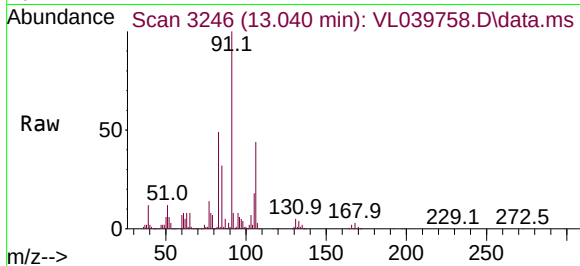
#63
1,1,2,2-Tetrachloroethane
Concen: 9.729 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 910238
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 67.1 32.8 98.4

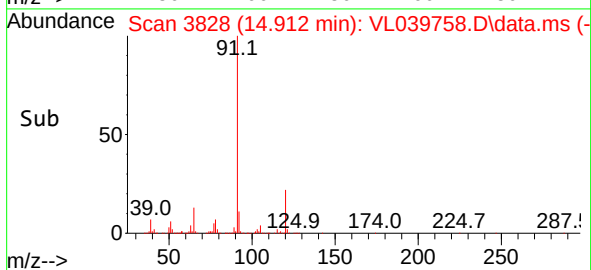
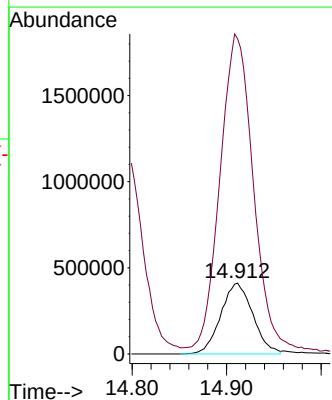
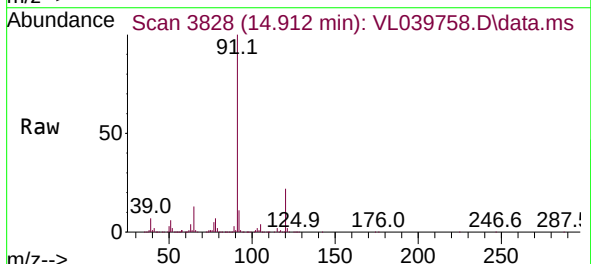
Manual Integrations
APPROVED

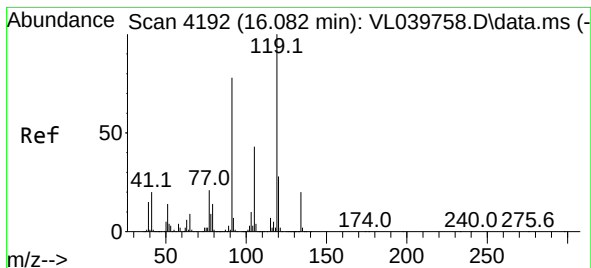
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 10.546 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

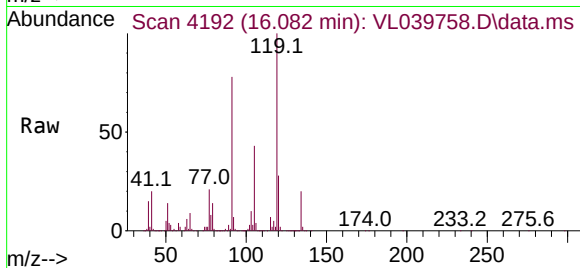
Tgt Ion:120 Resp: 966117
Ion Ratio Lower Upper
120 100
91 483.2 376.2 564.2





#65
tert-Butylbenzene
Concen: 10.389 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

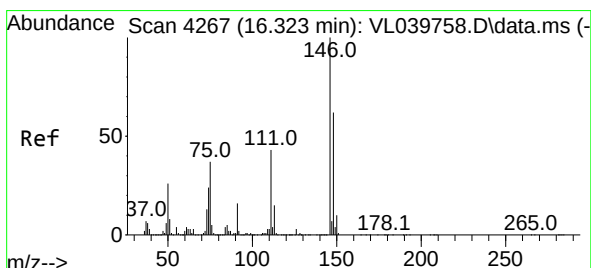
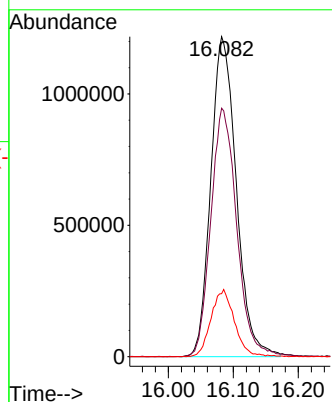
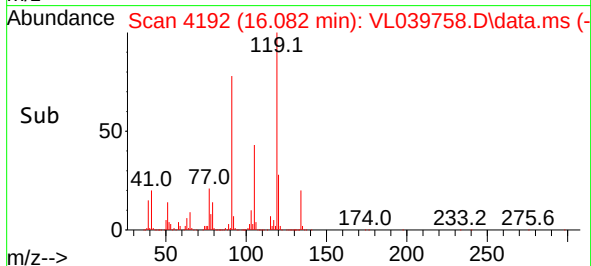
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



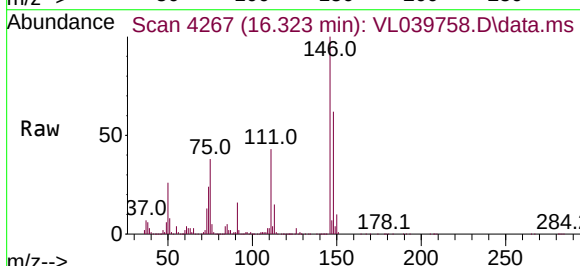
Tgt Ion: 119 Resp: 331872
Ion Ratio Lower Upper
119 100
91 79.1 64.2 96.2
134 19.4 15.5 23.3

Manual Integrations
APPROVED

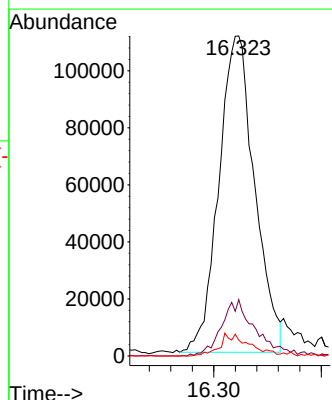
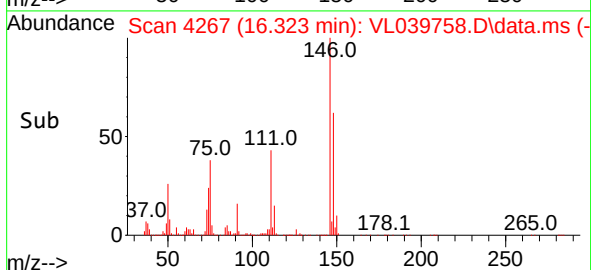
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

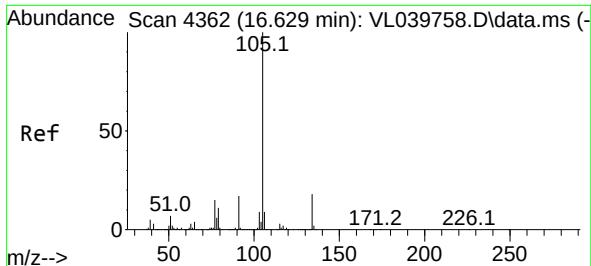


#66
Benzyl Chloride
Concen: 11.525 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



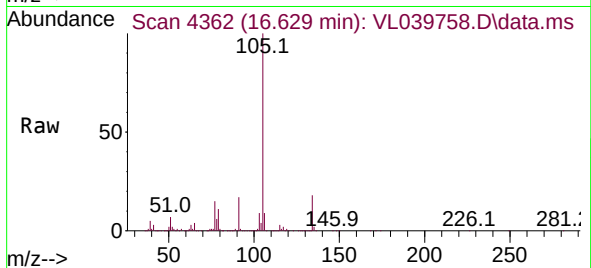
Tgt Ion: 91 Resp: 257247
Ion Ratio Lower Upper
91 100
126 17.2 12.6 18.8
128 6.4 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 10.455 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55

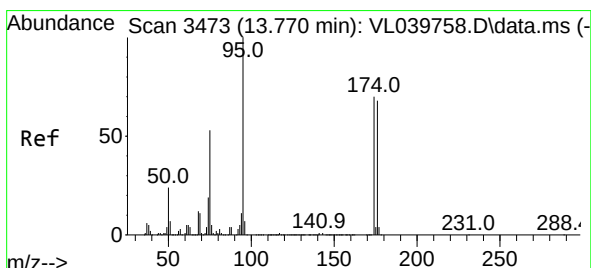
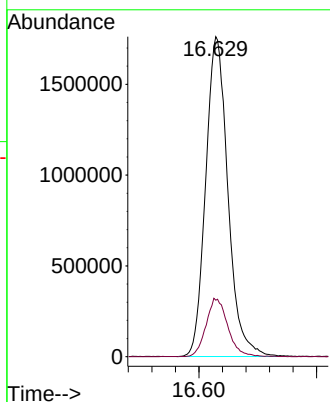
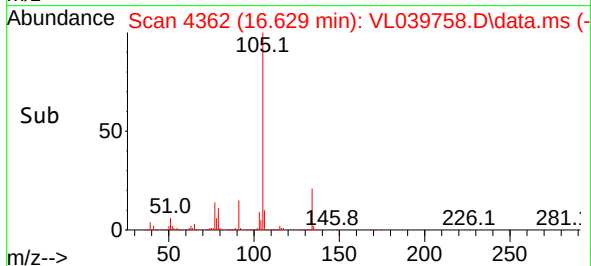
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



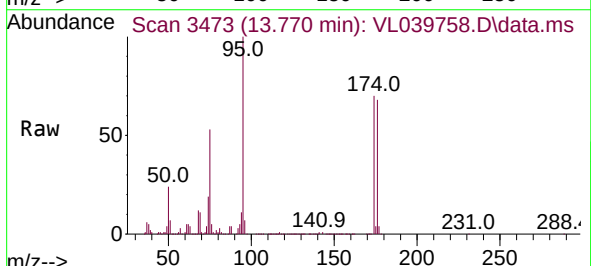
Tgt Ion:105 Resp: 462057
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

Manual Integrations
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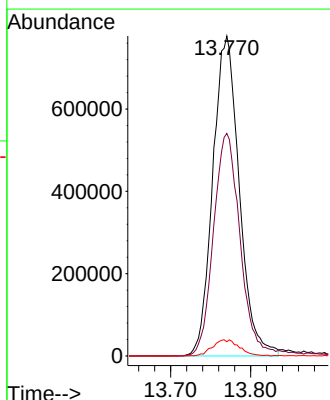
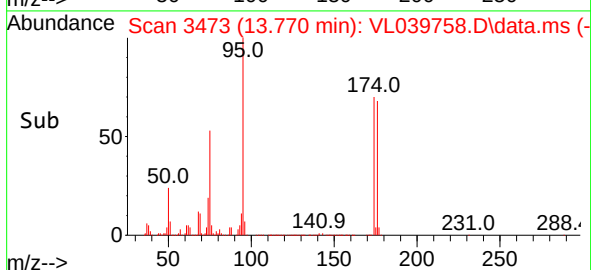
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

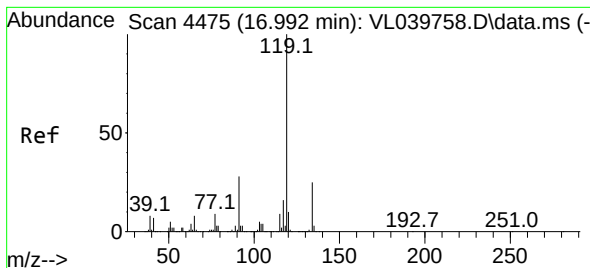


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.049 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.003 min
 Lab File: VL039758.D
 Acq: 24 Oct 2022 13:55



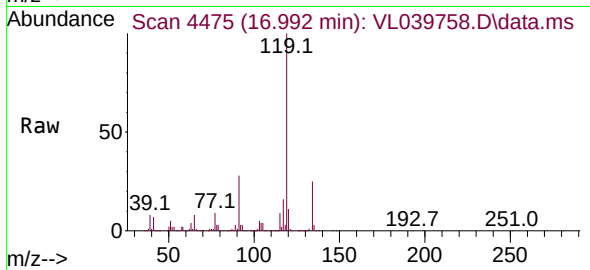
Tgt Ion: 95 Resp: 1788276
 Ion Ratio Lower Upper
 95 100
 174 71.6 56.5 84.7
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.766 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

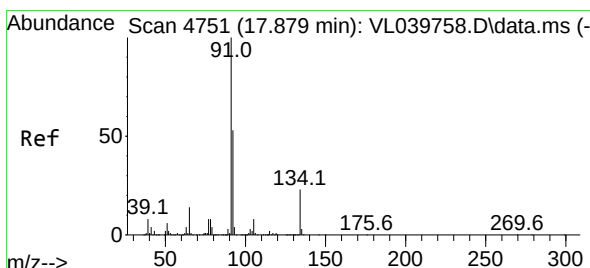
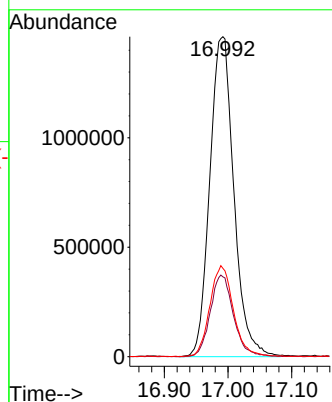
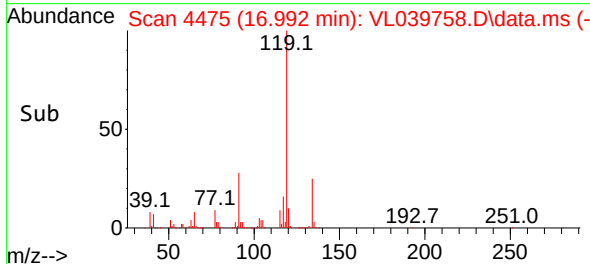
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



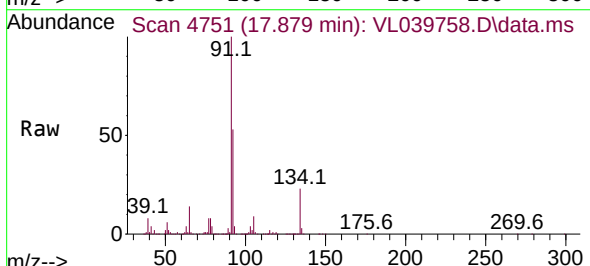
Tgt Ion:119 Resp: 383439
Ion Ratio Lower Upper
119 100
134 24.7 19.8 29.8
91 27.7 22.7 34.1

Manual Integrations
APPROVED

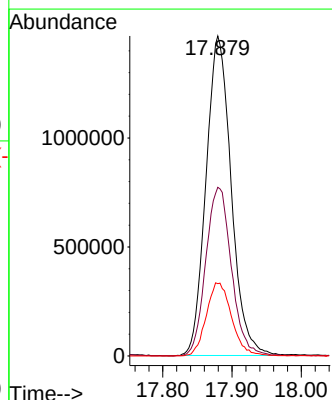
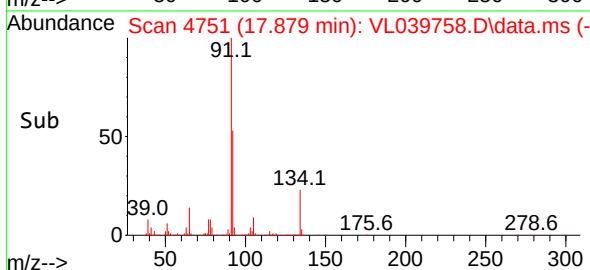
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

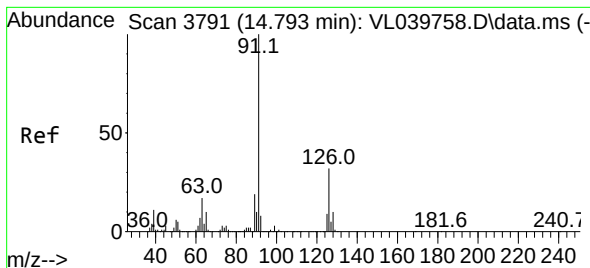


#70
n-Butylbenzene
Concen: 10.821 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



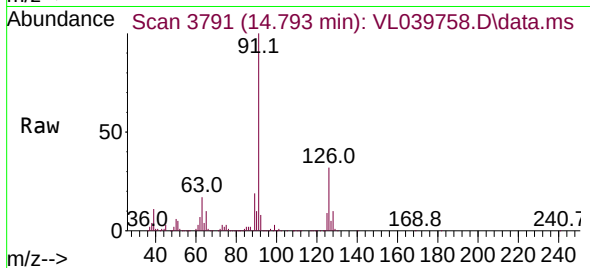
Tgt Ion: 91 Resp: 3708995
Ion Ratio Lower Upper
91 100
92 53.8 43.3 64.9
134 23.1 18.4 27.6





#71
2-Chlorotoluene
Concen: 10.654 ppbv
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

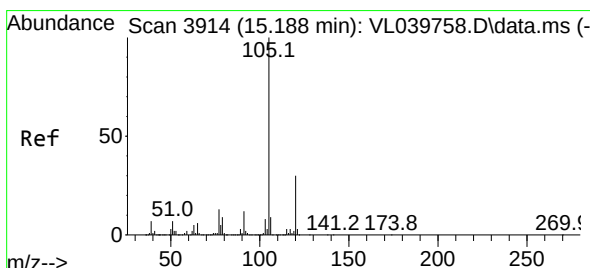
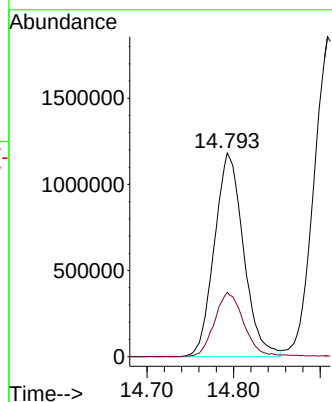
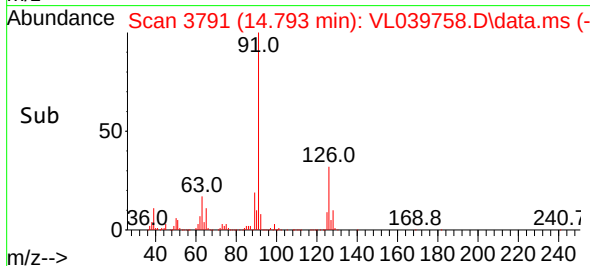
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



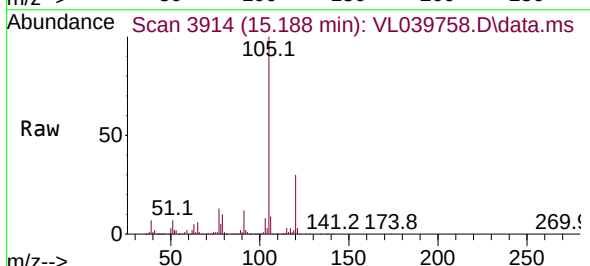
Tgt Ion: 91 Resp: 276455
Ion Ratio Lower Upper
91 100
126 32.5 12.7 50.7

Manual Integrations
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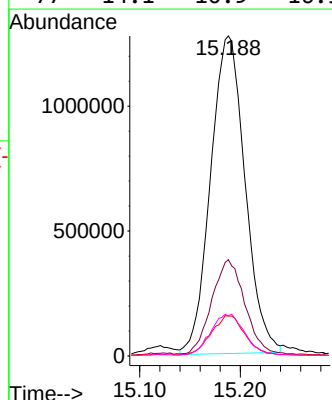
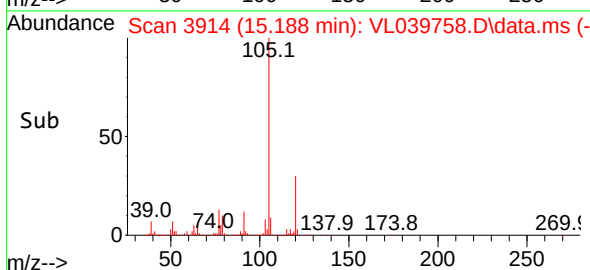
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

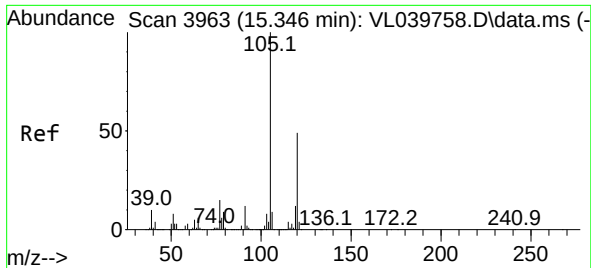


#72
4-Ethyltoluene
Concen: 11.080 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion:105 Resp: 3027233
Ion Ratio Lower Upper
105 100
120 31.3 23.9 35.9
91 12.7 10.3 15.5
77 14.1 10.9 16.3





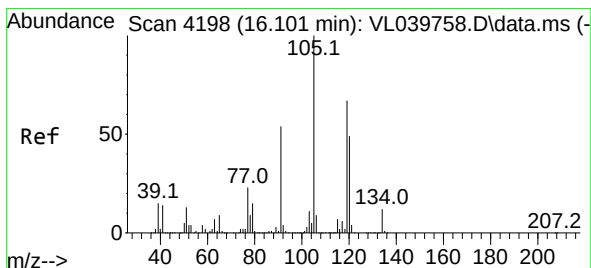
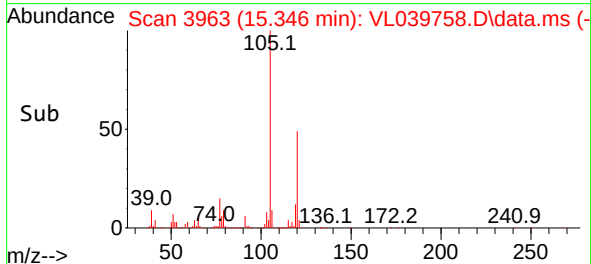
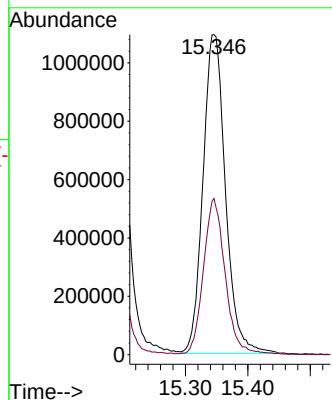
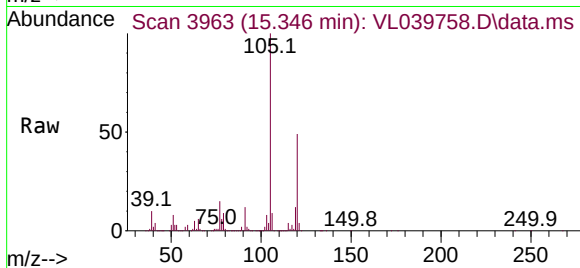
#73
1,3,5-Trimethylbenzene
Concen: 10.768 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 273913
Ion Ratio Lower Upper
105 100
120 48.8 35.6 53.4

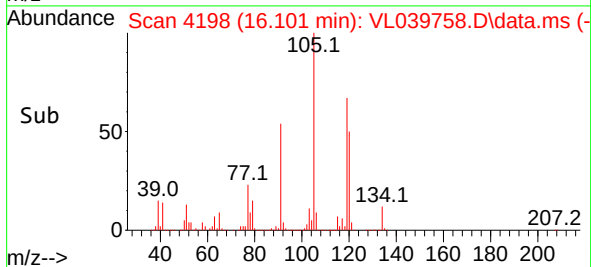
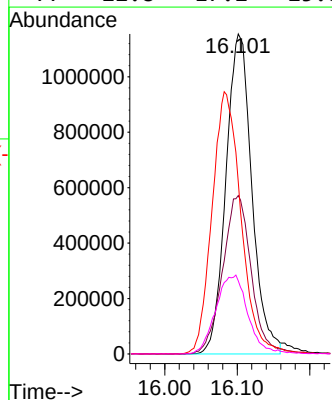
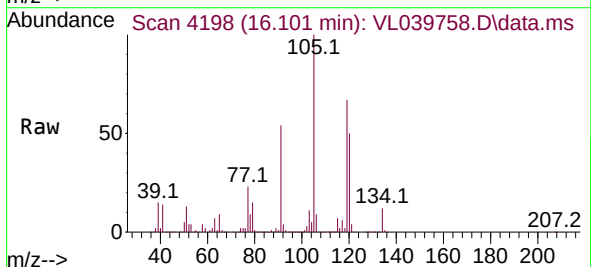
Manual Integrations
APPROVED

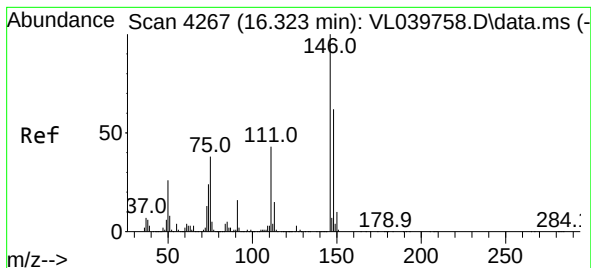
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.257 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Tgt Ion:105 Resp: 2866070
Ion Ratio Lower Upper
105 100
120 49.5 37.6 56.4
91 53.6 40.1 60.1
77 22.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.337 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. 0.000 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1729694

Ion Ratio Lower Upper

146 100

111 44.9 22.8 68.3

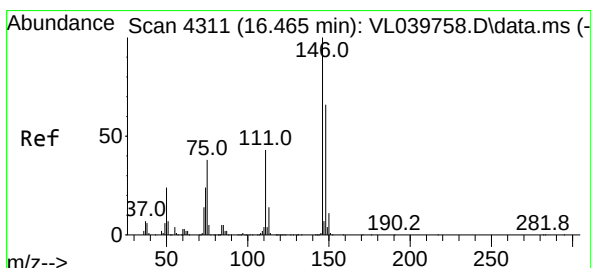
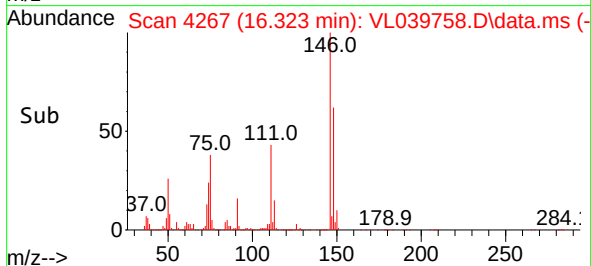
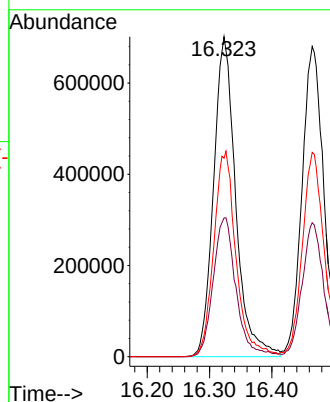
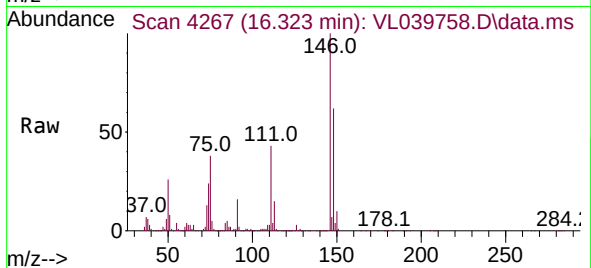
148 64.7 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#76

1,4-Dichlorobenzene

Concen: 10.224 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL039758.D

Acq: 24 Oct 2022 13:55

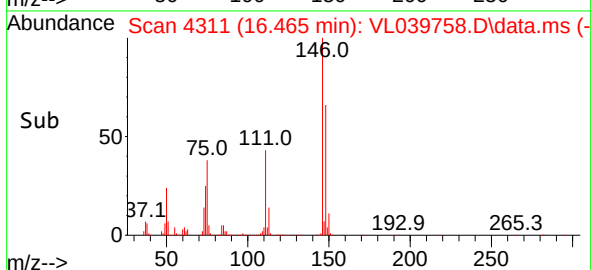
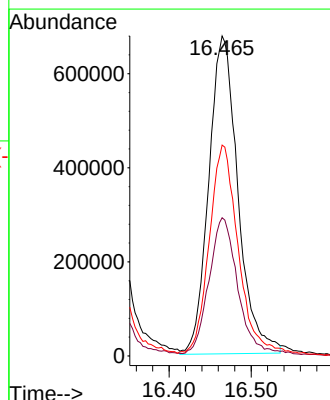
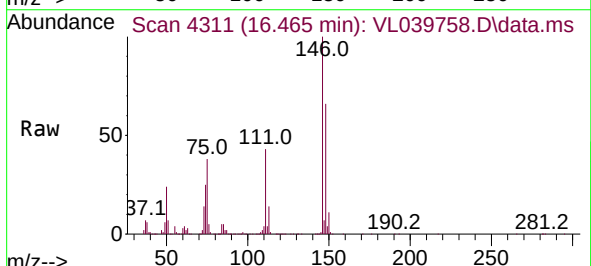
Tgt Ion:146 Resp: 1671416

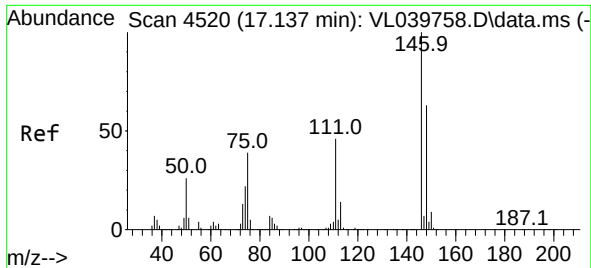
Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.5

148 67.2 33.2 99.6





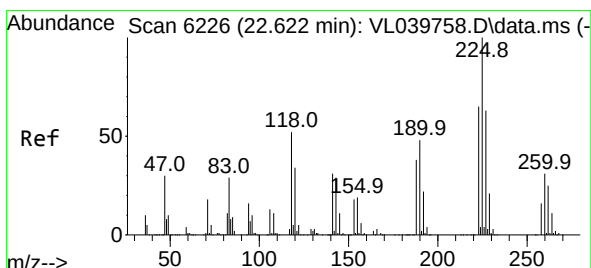
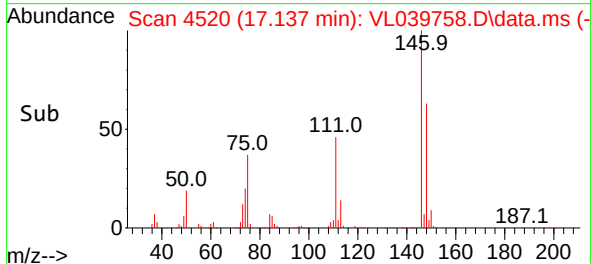
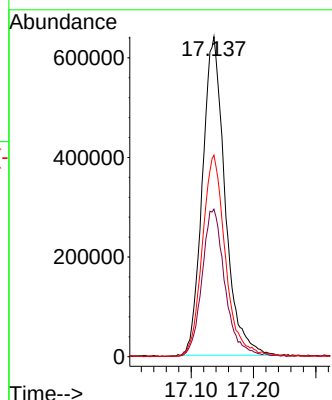
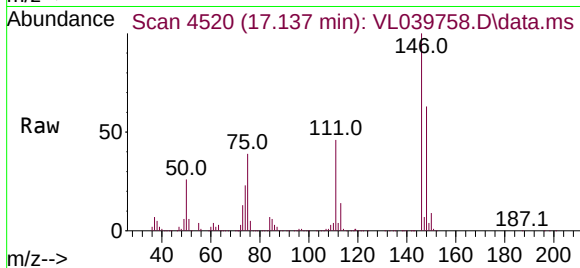
#77
1,2-Dichlorobenzene
Concen: 9.888 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. 0.007 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1608072
Ion Ratio Lower Upper
146 100
111 47.6 23.6 70.8
148 64.6 32.8 98.3

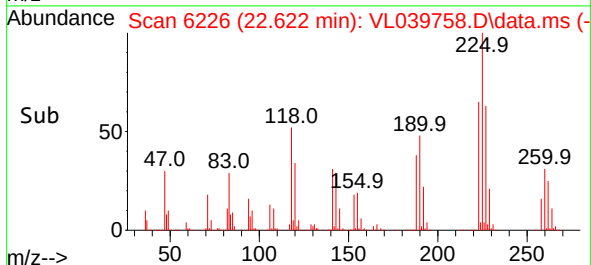
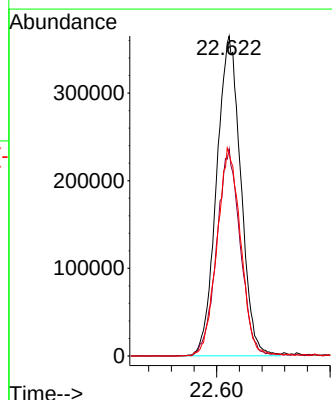
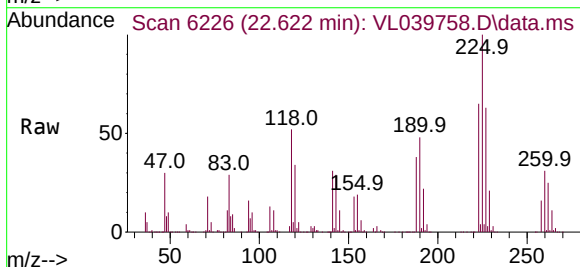
Manual Integrations
APPROVED

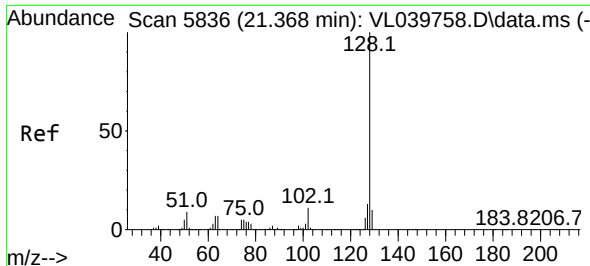
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.178 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

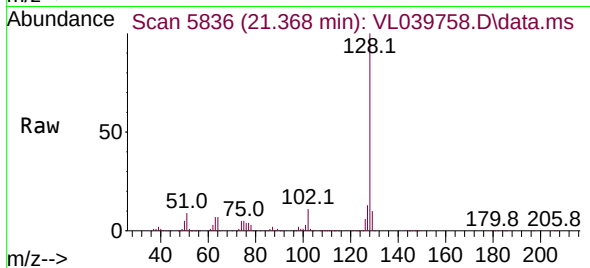
Tgt Ion:225 Resp: 1078469
Ion Ratio Lower Upper
225 100
223 63.5 52.4 78.6
227 63.7 52.7 79.1





#79
Naphthalene
Concen: 12.783 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55

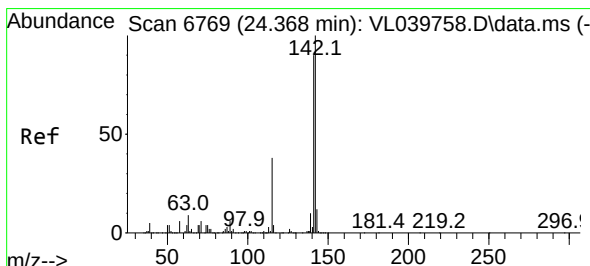
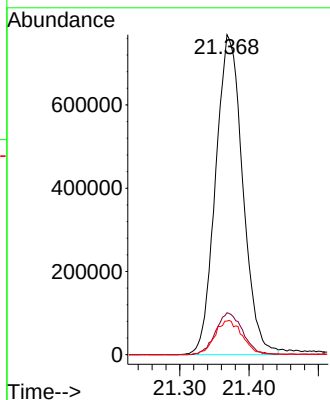
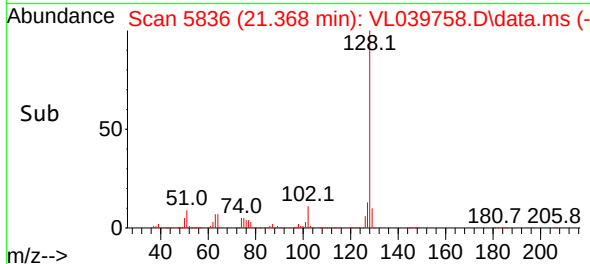
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



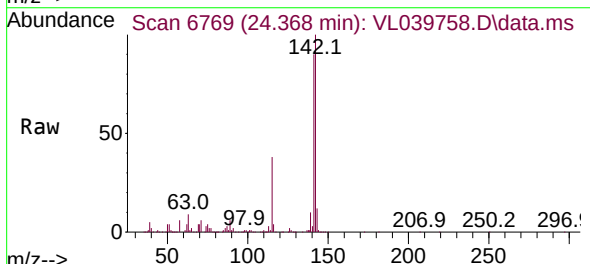
Tgt Ion:128 Resp: 2091034
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.5 9.4 14.0

Manual Integrations
APPROVED

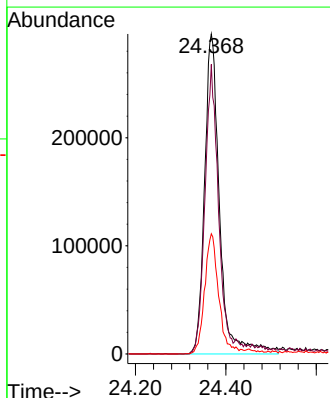
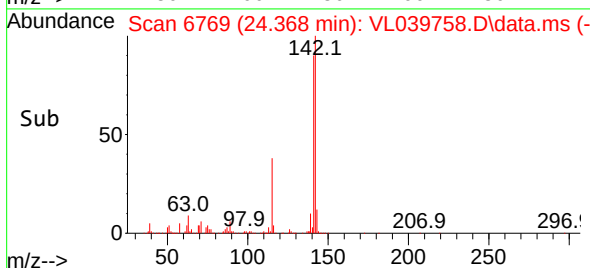
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

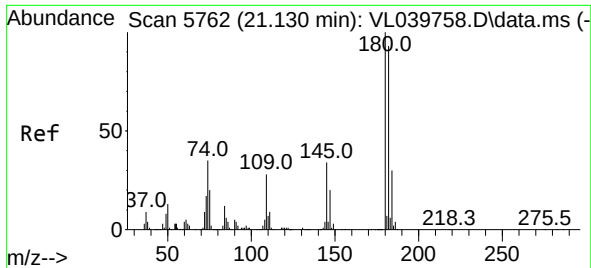


#80
Naphthalene,2-methyl-
Concen: 14.004 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039758.D
Acq: 24 Oct 2022 13:55



Tgt Ion:142 Resp: 684089
Ion Ratio Lower Upper
142 100
141 82.1 70.0 105.0
115 35.4 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 10.797 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL039758.D

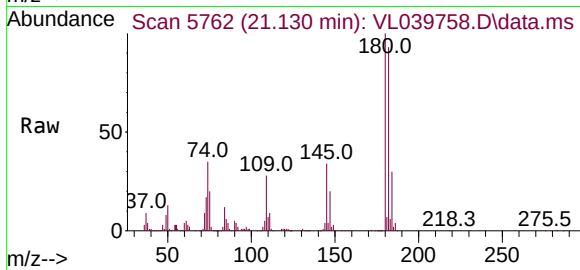
Acq: 24 Oct 2022 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 118333

Ion Ratio Lower Upper

180 100

182 96.9 0.0 0.0

184 30.7 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022

