

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039821.D
 Acq On : 3 Nov 2022 11:47
 Operator : SY/AP
 Sample : VL1103ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 08:43:03 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1057826	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2925647	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2947109m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 2115679 9.591 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1621520	9.080	ppbv	99
3) Chlorodifluoromethane	2.687	51	1126557	8.933	ppbv	99
4) Chloromethane	2.822	50	702790	8.950	ppbv	99
5) Vinyl Chloride	2.928	62	595489	9.367	ppbv	98
6) Bromomethane	3.131	94	203064	8.955	ppbv	98
7) Chloroethane	3.205	64	204677	8.592	ppbv	98
8) Dichlorotetrafluoroethane	2.867	85	1342228	8.819	ppbv	100
9) Propene	2.706	41	566043	8.615	ppbv	100
10) Heptane	7.561	43	1400193	8.895	ppbv	100
11) Trichlorofluoromethane	3.568	101	1332057	9.145	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	963248	9.157	ppbv	99
13) Ethanol	3.253	45	39804m	8.571	ppbv	
14) Bromoethene	3.372	108	417818	8.870	ppbv	98
15) Acetone	3.475	43	961706	7.469	ppbv	98
16) 1,3-Butadiene	2.993	39	557827	9.316	ppbv	95
17) tert-Butyl alcohol	3.880	59	1053094	8.588	ppbv	99
18) 1,1-Dichloroethene	3.883	96	451600	9.363	ppbv	99
19) Isopropyl Alcohol	3.581	45	537916	8.441	ppbv #	31
20) Methylene Chloride	3.938	84	375347	8.148	ppbv	93
21) Allyl Chloride	3.999	41	735352	9.029	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	468007	9.560	ppbv	93
23) Vinyl Acetate	4.623	43	432483	8.431	ppbv	99
24) 1,1-Dichloroethane	4.562	63	944596	9.015	ppbv	99
25) Ethyl Acetate	5.201	43	2362732	8.909	ppbv	100
26) Hexane	5.208	57	1021576	8.639	ppbv	99
27) Carbon Disulfide	4.124	76	1186240	9.553	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	928586	8.676	ppbv	100
29) Chloroform	5.269	83	1561237	9.389	ppbv	100
30) Cyclohexane	6.590	84	893226	9.033	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1001086	9.284	ppbv	94
32) 1,1,1-Trichloroethane	5.996	97	1587307	9.589	ppbv	99
34) 2-Butanone	4.783	43	1079286	8.942	ppbv	100
35) Carbon Tetrachloride	6.481	117	1636069	9.594	ppbv	97
36) Benzene	6.359	78	2247688	9.108	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1135395	9.589	ppbv	99
38) Trichloroethene	7.275	130	1196334	9.056	ppbv	98
39) 1,2-Dichloropropane	7.057	63	856718	8.910	ppbv	97
40) 1,4-Dioxane	7.272	88	346049	9.398	ppbv	98
41) Tetrahydrofuran	5.549	42	912183	9.043	ppbv	99
42) Bromodichloromethane	7.234	83	1742973	9.216	ppbv	100
43) Methyl Methacrylate	7.462	69	909827	9.328	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3678116	8.830	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	904700	9.683	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

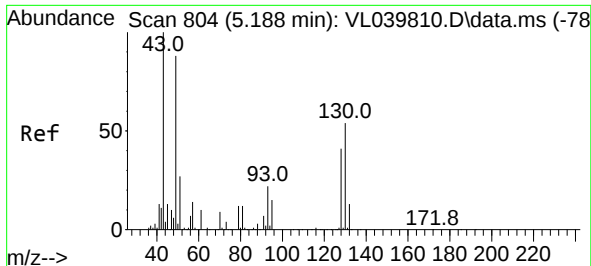
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

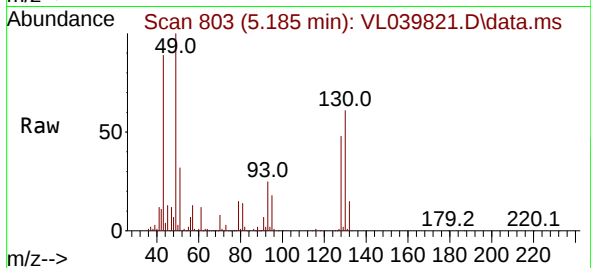
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1205722	9.455	ppbv	99
47) 1,1,2-Trichloroethane	8.880	97	893469	9.176	ppbv	98
48) Dibromochloromethane	9.687	129	1521212	9.169	ppbv	99
49) Bromoform	12.384	173	1159389	8.694	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2288076	9.260	ppbv	100
51) 2-Hexanone	9.536	43	1801514	9.350	ppbv	98
52) Tetrachloroethene	10.597	164	764784	8.271	ppbv	94
53) Toluene	9.204	91	2550218	9.008	ppbv	99
54) 1,2-Dibromoethane	9.986	107	1039159	9.617	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.484	131	1052069	8.350	ppbv	98
57) Chlorobenzene	11.507	112	1879268	8.407	ppbv	99
58) Ethyl Benzene	12.066	91	3326552	8.348	ppbv	99
59) m/p-Xylene	12.352	91	5397514m	16.227	ppbv	
60) o-Xylene	13.040	91	2575370	8.172	ppbv	99
61) Styrene	12.880	104	1635385	8.433	ppbv	100
62) Isopropylbenzene	14.011	105	3676461	7.997	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.027	83	887723	7.564	ppbv	100
64) n-propylbenzene	14.899	120	966128	7.856	ppbv	94
65) tert-Butylbenzene	16.069	119	3077312	7.624	ppbv	100
66) Benzyl Chloride	16.307	91	324866	6.922	ppbv	99
67) sec-Butylbenzene	16.616	105	4281335	7.792	ppbv	99
69) p-Isopropyltoluene	16.976	119	3495850	7.671	ppbv	99
70) n-Butylbenzene	17.867	91	3497765	7.939	ppbv	99
71) 2-Chlorotoluene	14.780	91	2733188	7.913	ppbv	100
72) 4-Ethyltoluene	15.175	105	2905710	8.188	ppbv	98
73) 1,3,5-Trimethylbenzene	15.330	105	2547780	8.099	ppbv	97
74) 1,2,4-Trimethylbenzene	16.092	105	2643789	7.910	ppbv #	92
75) 1,3-Dichlorobenzene	16.307	146	1519213	7.785	ppbv	99
76) 1,4-Dichlorobenzene	16.452	146	1478162	7.719	ppbv	98
77) 1,2-Dichlorobenzene	17.121	146	1421753	7.728	ppbv	99
78) Hexachloro-1,3-Butadiene	22.609	225	997839	7.321	ppbv	98
79) Naphthalene	21.362	128	2232685	9.188	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	785125	7.621	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1151169	8.469	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

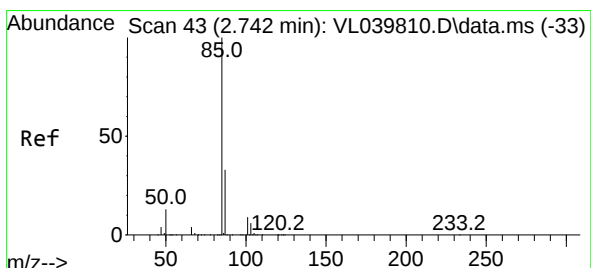
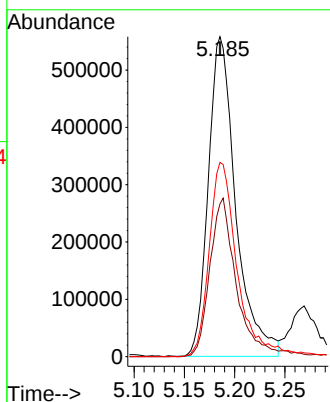
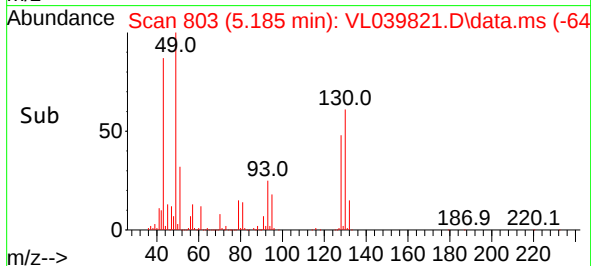
Instrument :
MSVOA_L
Client Sample Id :
VL1103ABS01



Tgt Ion: 49 Resp: 1057820
Ion Ratio Lower Upper
49 100
128 49.5 24.6 73.6
130 64.0 31.1 93.2

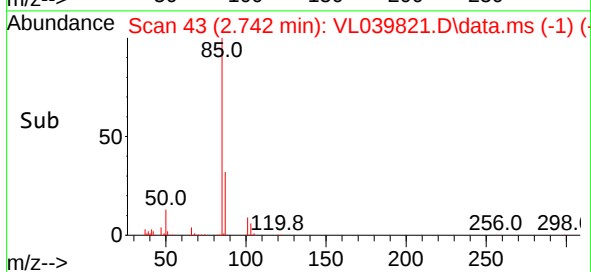
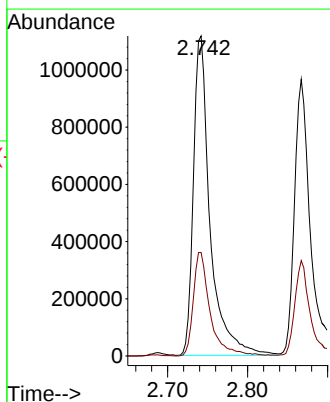
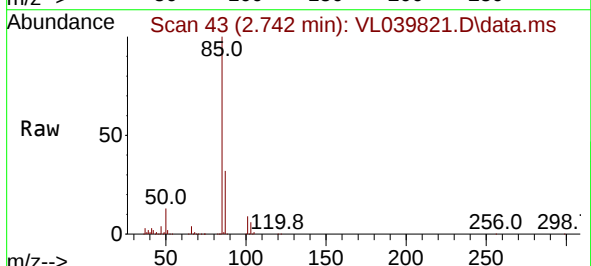
Manual Integrations
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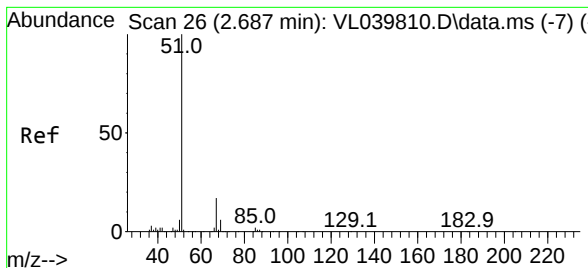
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#2
Dichlorodifluoromethane
Concen: 9.080 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 85 Resp: 1621520
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6





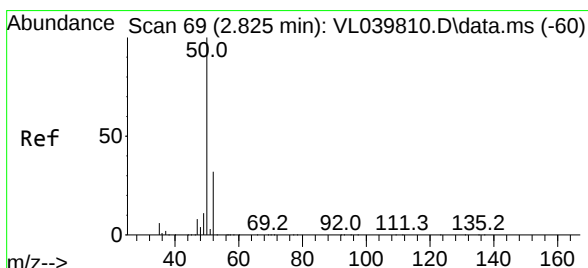
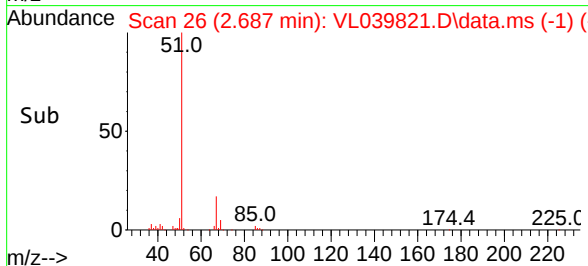
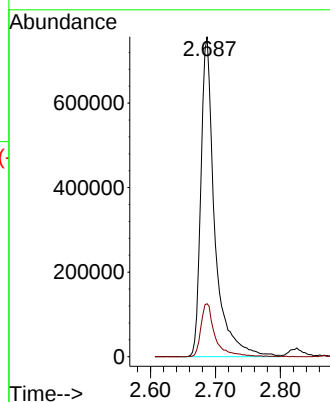
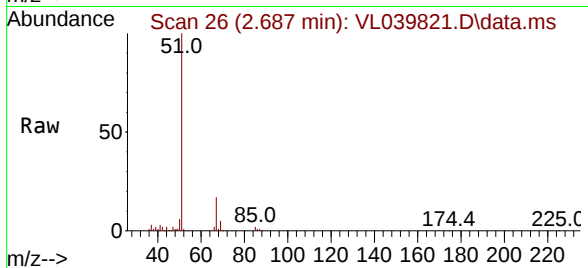
#3
Chlorodifluoromethane
Concen: 8.933 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

Tgt Ion: 51 Resp: 112655
Ion Ratio Lower Upper
51 100
67 17.1 13.2 19.8

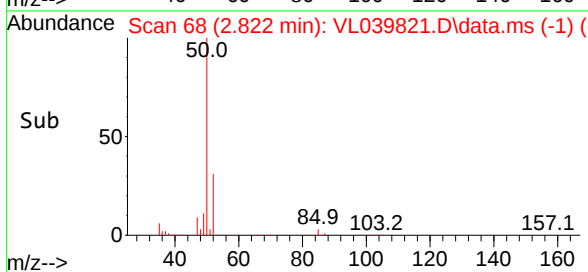
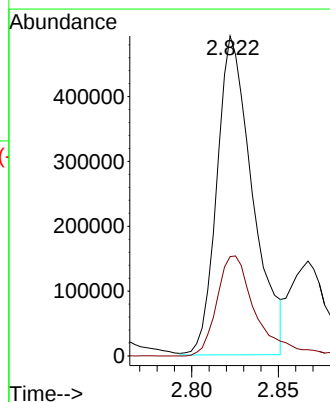
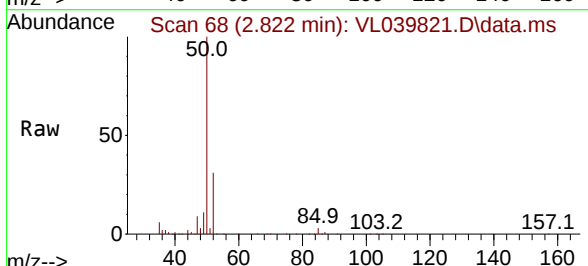
Manual Integrations
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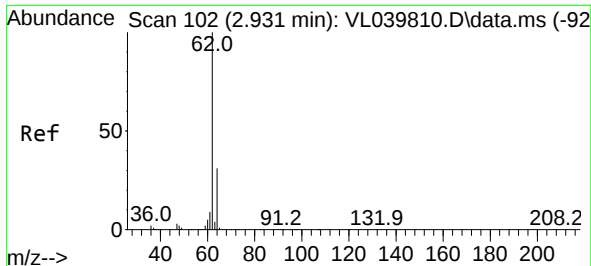
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#4
Chloromethane
Concen: 8.950 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

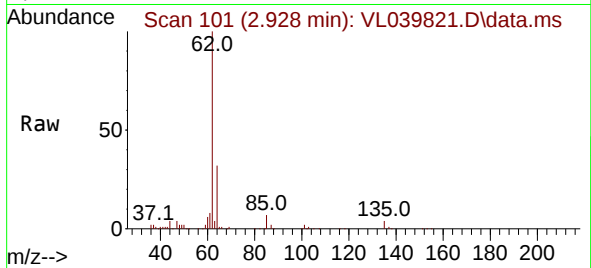
Tgt Ion: 50 Resp: 702790
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.367 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

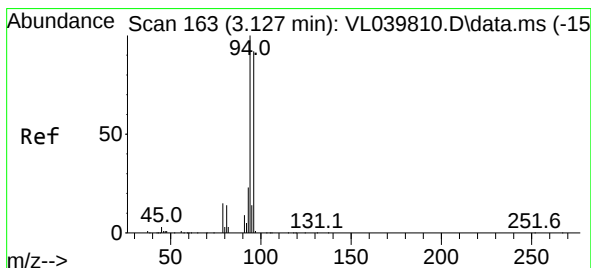
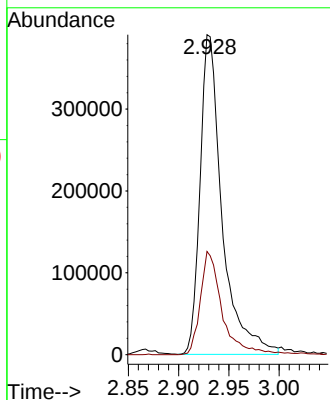
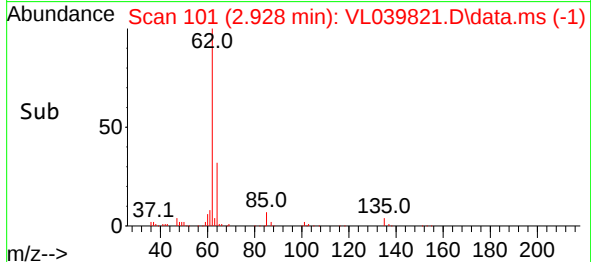
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



Tgt Ion: 62 Resp: 595489
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.0 37.4

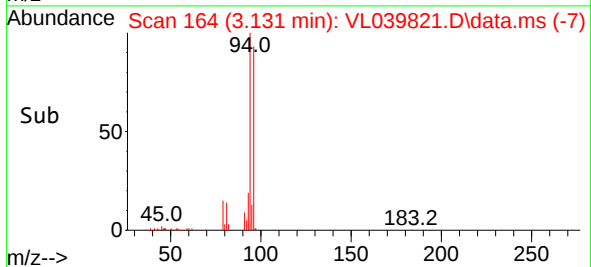
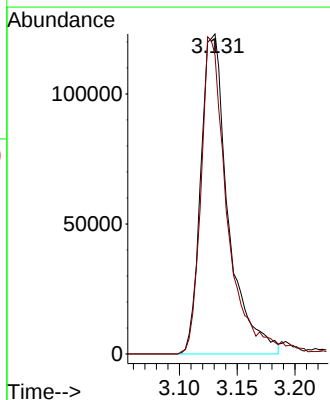
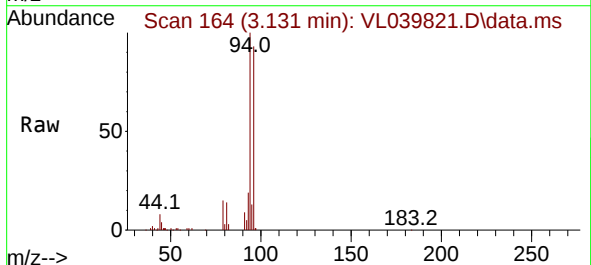
Manual Integrations
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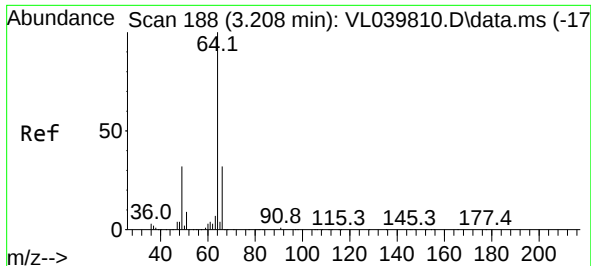
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#6
 Bromomethane
 Concen: 8.955 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

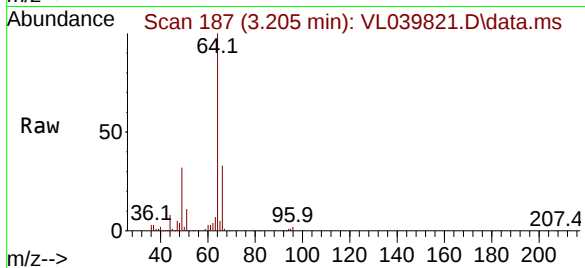
Tgt Ion: 94 Resp: 203064
 Ion Ratio Lower Upper
 94 100
 96 93.5 73.5 110.3





#7
Chloroethane
Concen: 8.592 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

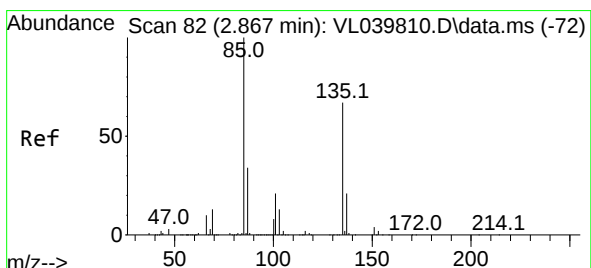
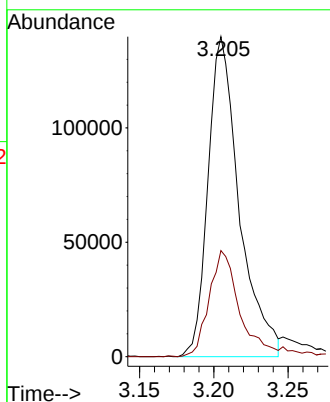
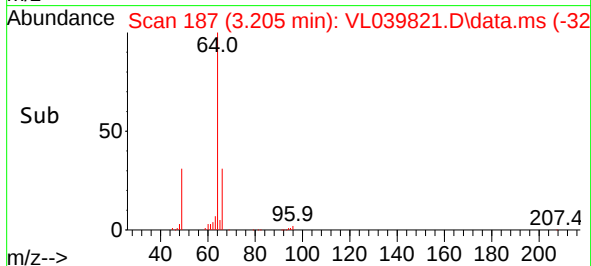
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion: 64 Resp: 20467
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

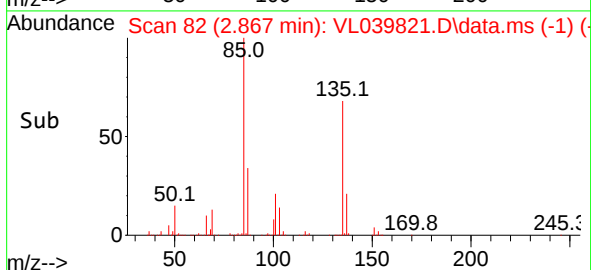
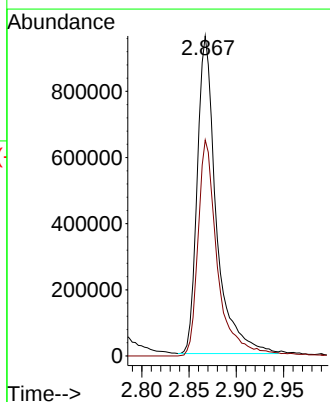
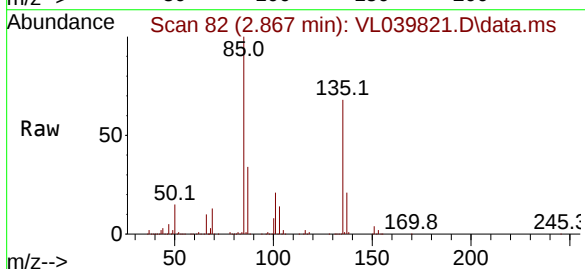
Manual Integrations
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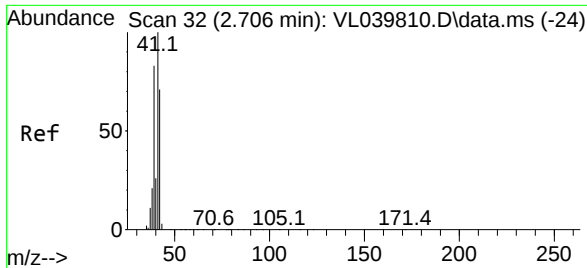
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#8
Dichlorotetrafluoroethane
Concen: 8.819 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

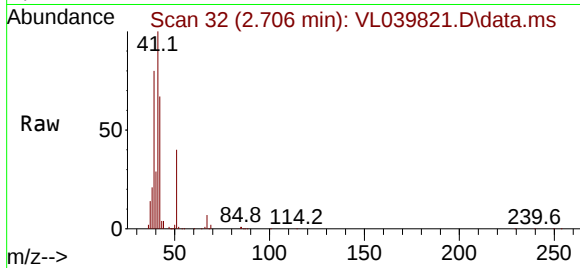
Tgt Ion: 85 Resp: 1342228
Ion Ratio Lower Upper
85 100
135 70.6 56.7 85.1





#9
 Propene
 Concen: 8.615 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

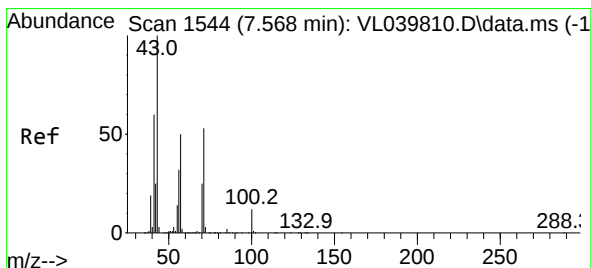
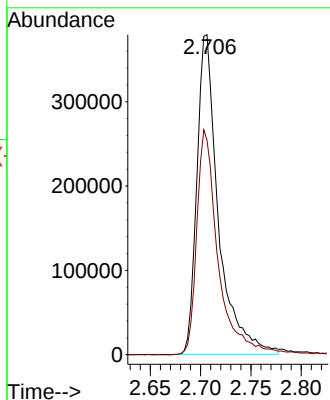
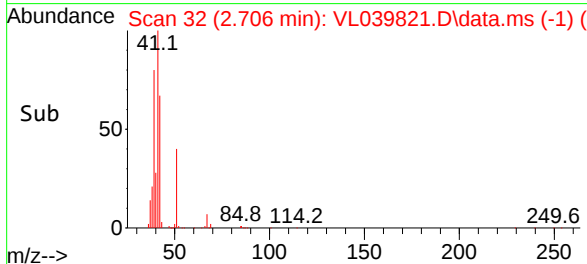
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



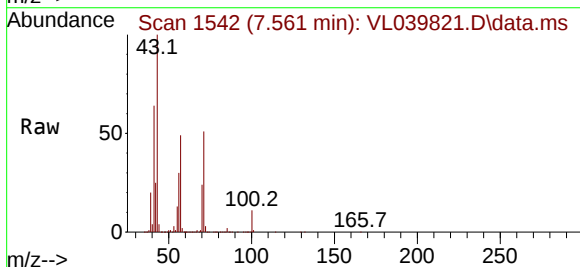
Tgt Ion: 41 Resp: 56604
 Ion Ratio Lower Upper
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 42 70.5 56.3 84.5

Manual Integrations
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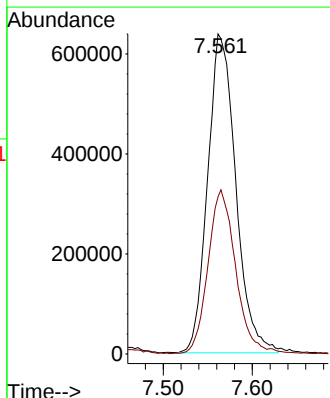
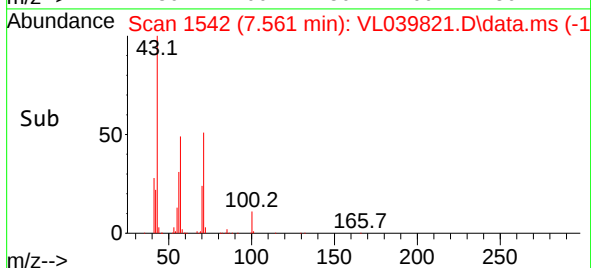
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

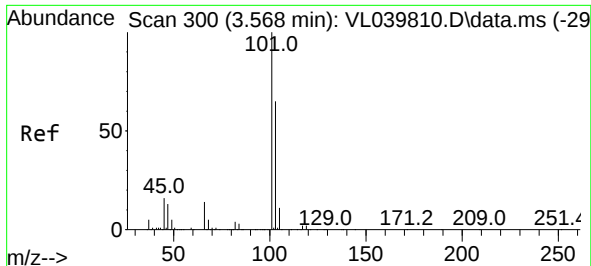


#10
 Heptane
 Concen: 8.895 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47



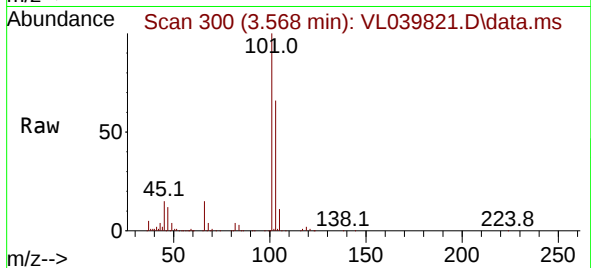
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 Ion Ratio Lower Upper
 43 100
 57 50.7 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.145 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

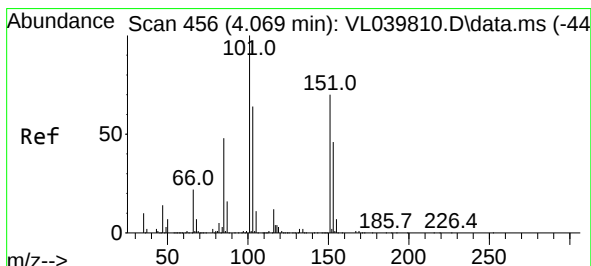
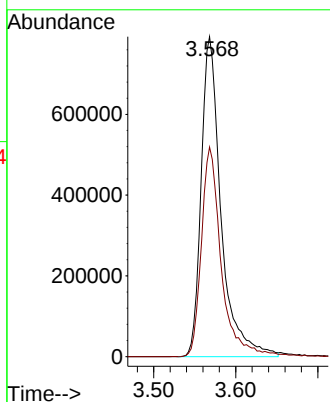
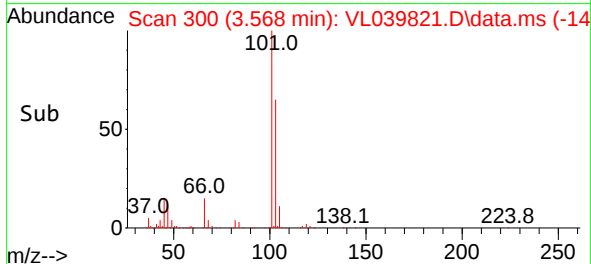
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



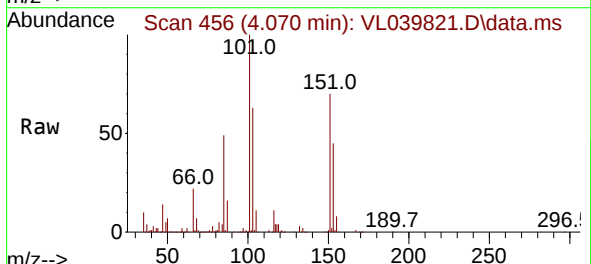
Tgt Ion:101 Resp: 133205
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

Manual Integrations
 APPROVED

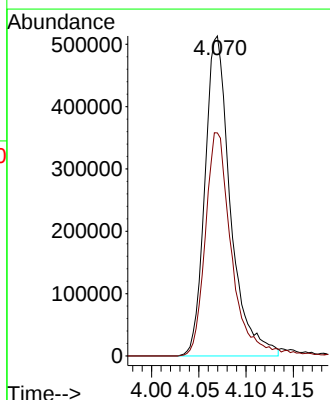
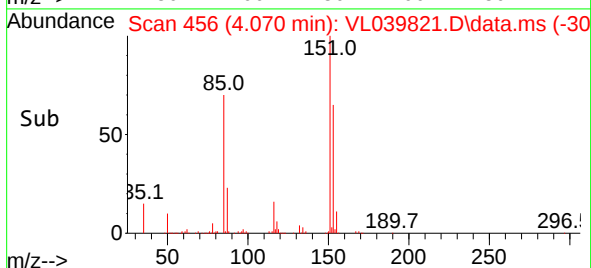
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

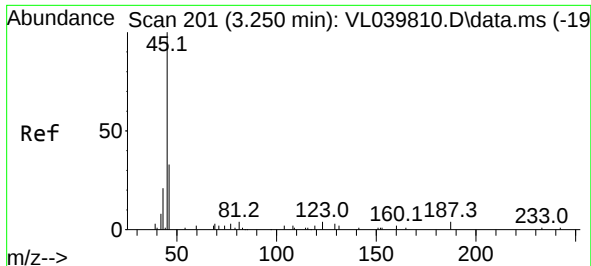


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.157 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47



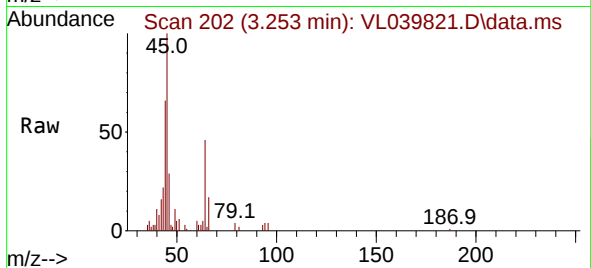
Tgt Ion:101 Resp: 963248
 Ion Ratio Lower Upper
 101 100
 151 72.5 57.2 85.8





#13
Ethanol
Concen: 8.571 ppbv m
RT: 3.253 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

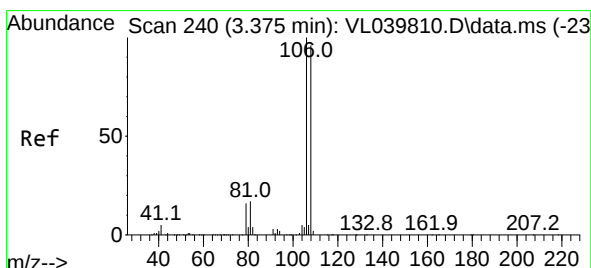
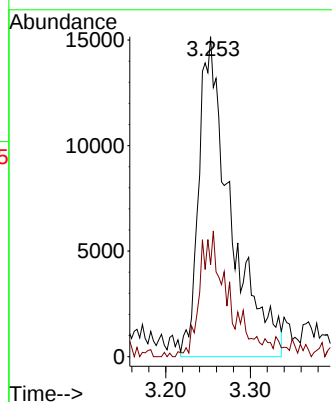
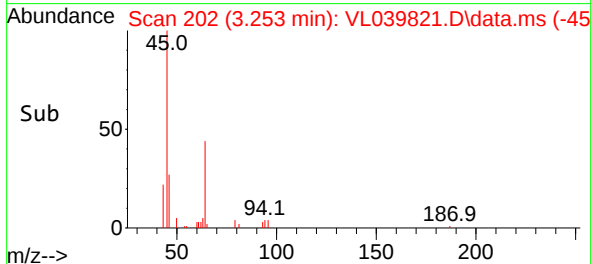
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



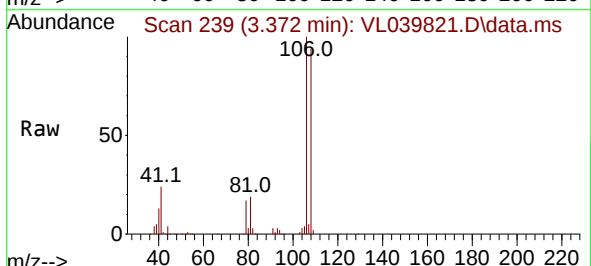
Tgt Ion: 45 Resp: 39804
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9

Manual Integrations
APPROVED

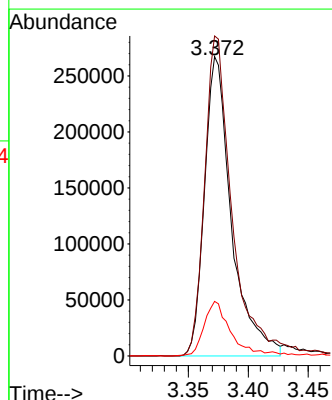
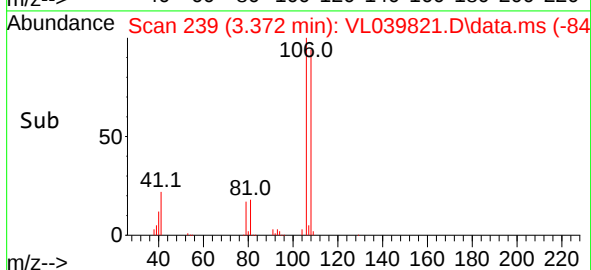
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

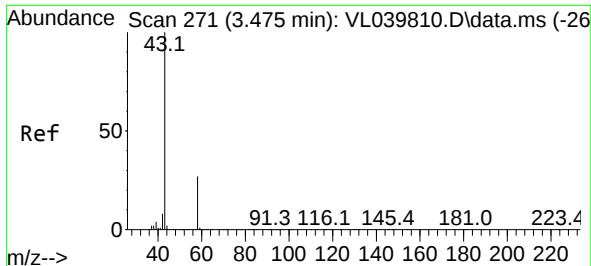


#14
Bromoethene
Concen: 8.870 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



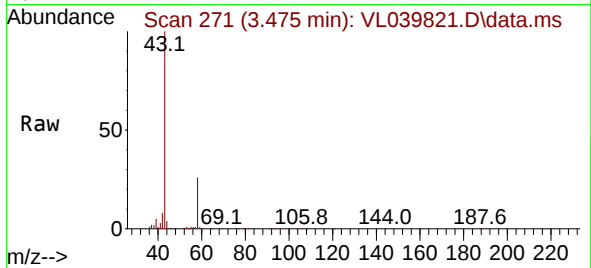
Tgt Ion:108 Resp: 417818
Ion Ratio Lower Upper
108 100
106 112.0 87.8 131.8
79 19.1 14.5 21.7





#15
Acetone
Concen: 7.469 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

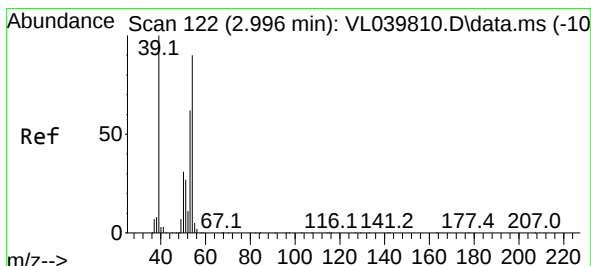
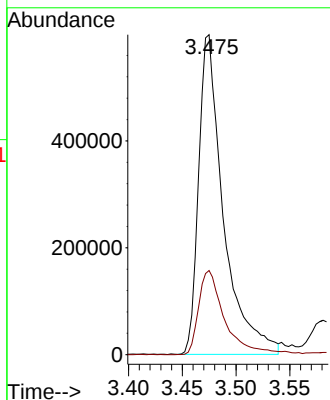
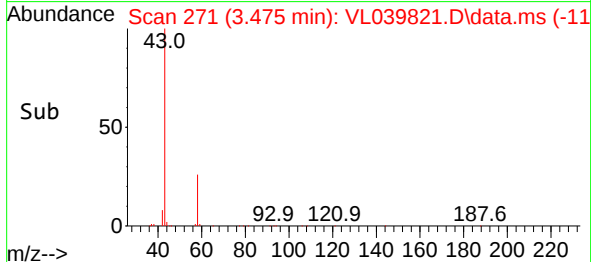
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



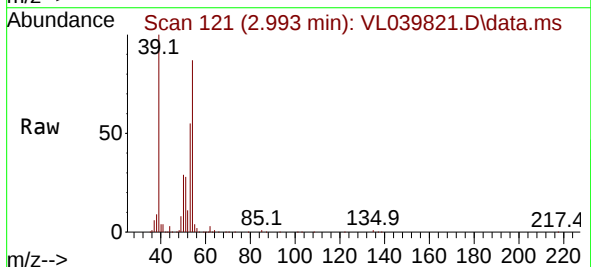
Tgt Ion: 43 Resp: 961700
Ion Ratio Lower Upper
43 100
58 27.9 23.2 34.8

Manual Integrations
APPROVED

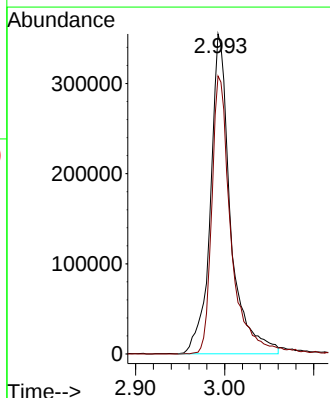
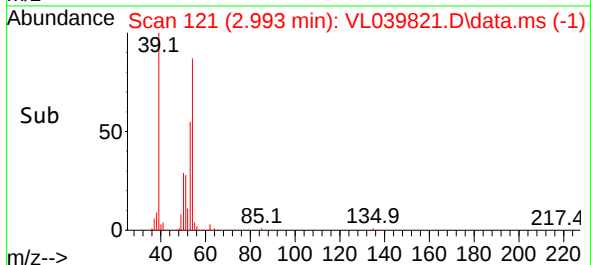
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

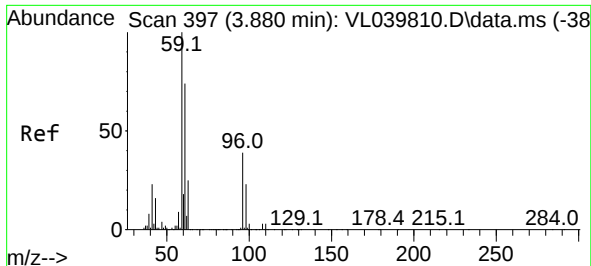


#16
1,3-Butadiene
Concen: 9.316 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



Tgt Ion: 39 Resp: 557827
Ion Ratio Lower Upper
39 100
54 84.3 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.588 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 59 Resp: 1053094

Ion Ratio Lower Upper

59 100

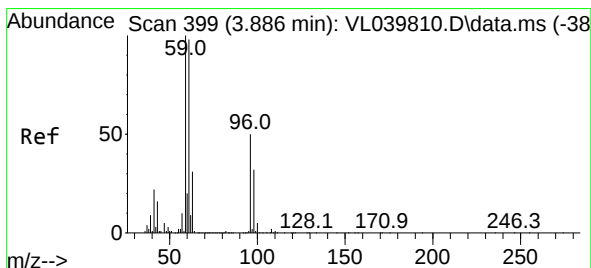
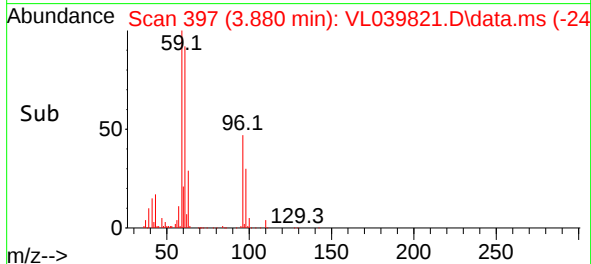
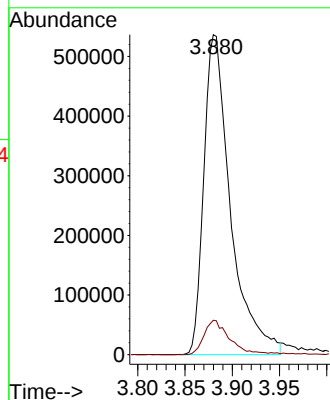
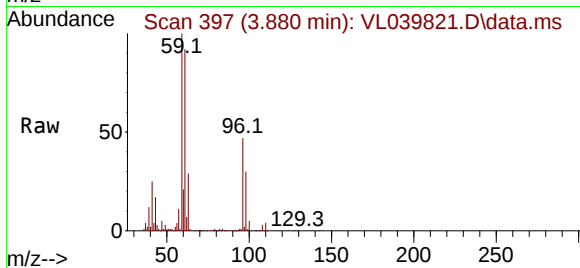
57 10.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#18

1,1-Dichloroethene

Concen: 9.363 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

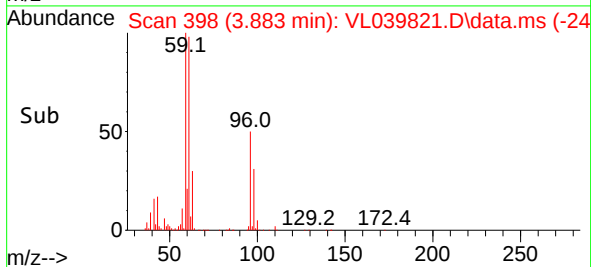
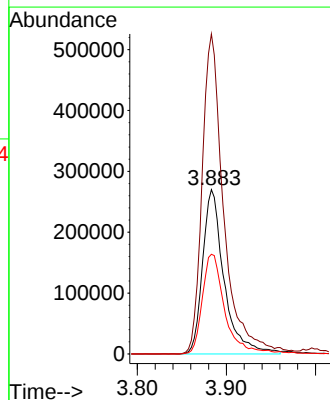
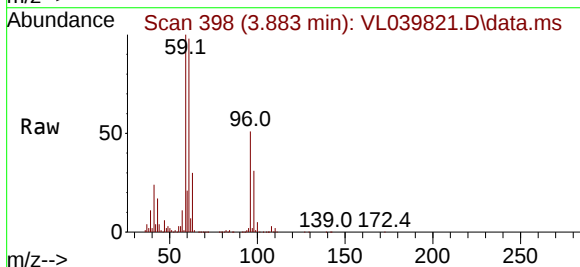
Tgt Ion: 96 Resp: 451600

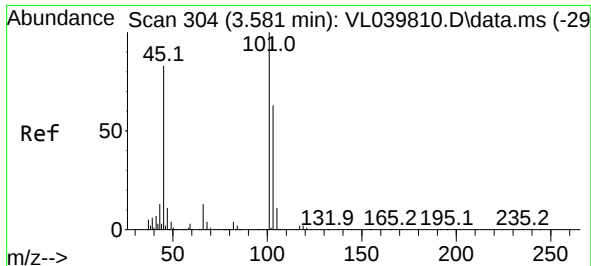
Ion Ratio Lower Upper

96 100

61 194.8 156.9 235.3

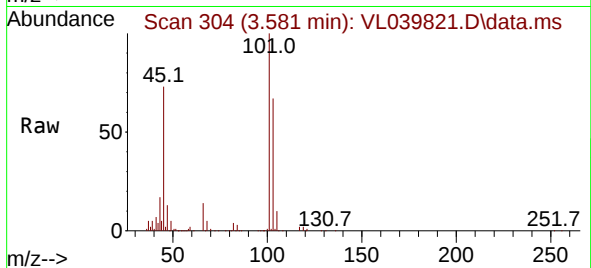
98 60.7 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.441 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

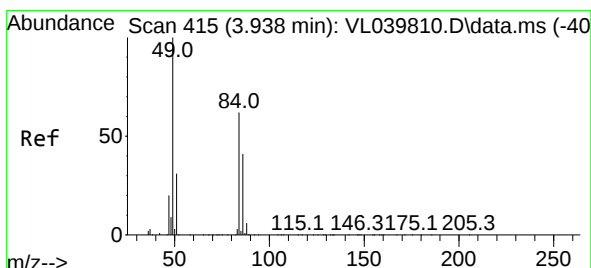
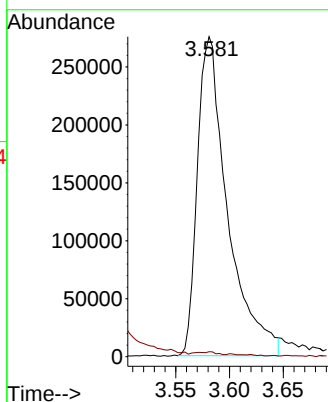
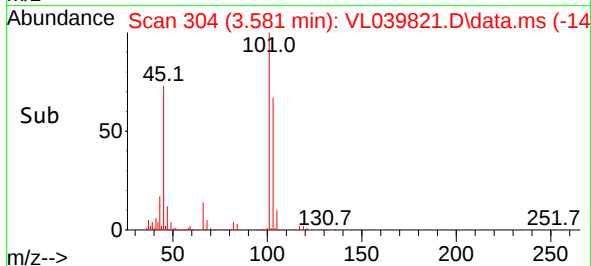
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



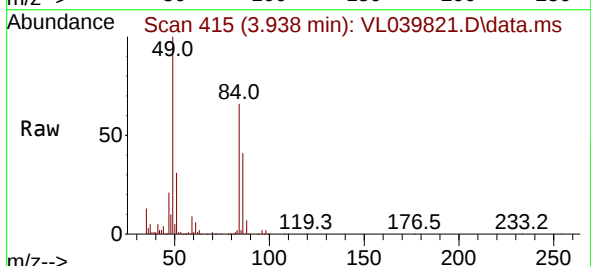
Tgt Ion: 45 Resp: 537910
Ion Ratio Lower Upper
45 100
58 1.6 38.3 57.5

Manual Integrations
APPROVED

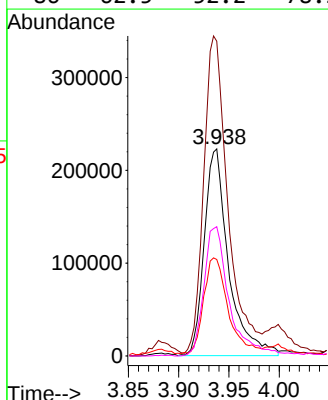
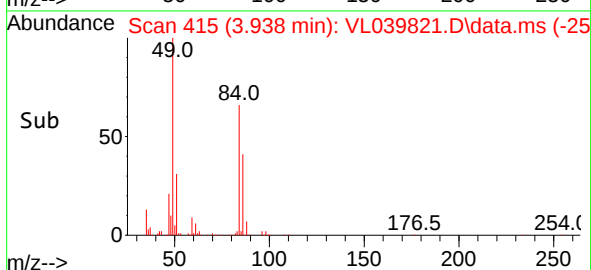
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

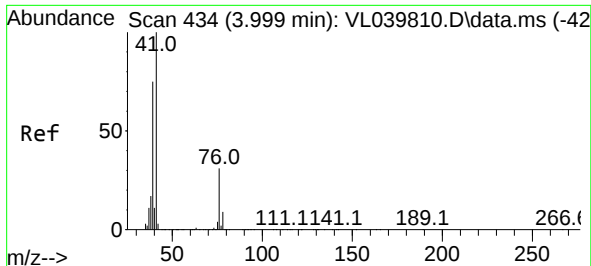


#20
Methylene Chloride
Concen: 8.148 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



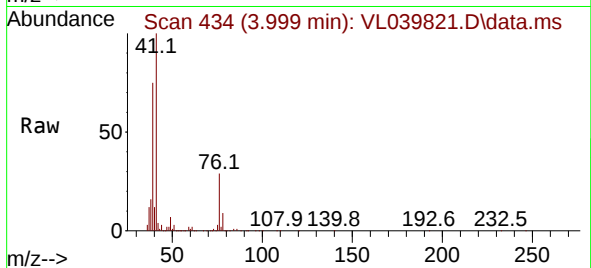
Tgt Ion: 84 Resp: 375347
Ion Ratio Lower Upper
84 100
49 149.7 128.6 192.8
51 45.4 40.2 60.4
86 62.5 52.2 78.2





#21
 Allyl Chloride
 Concen: 9.029 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

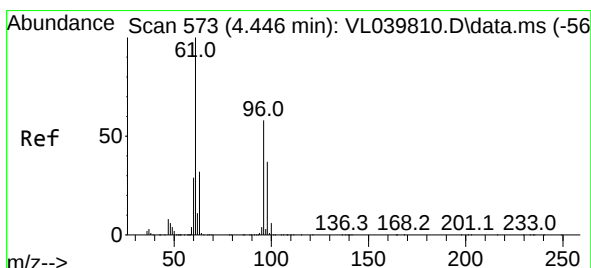
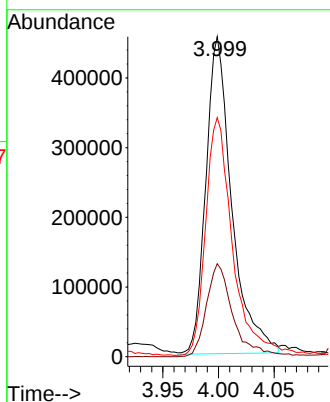
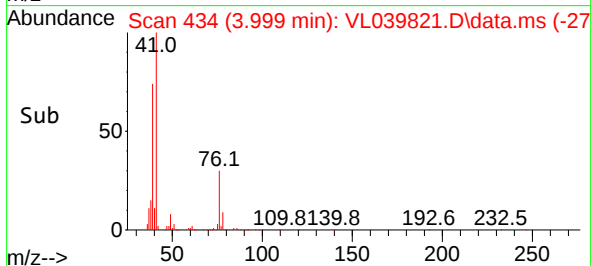
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



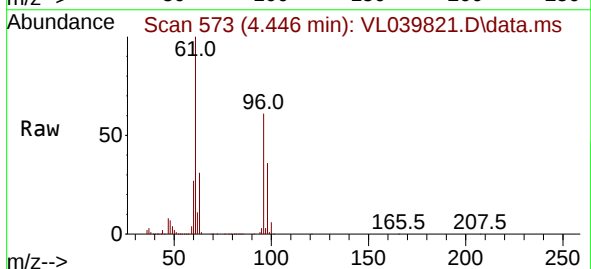
Tgt Ion: 41 Resp: 735352
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.1 36.1
 39 79.0 64.3 96.5

Manual Integrations
 APPROVED

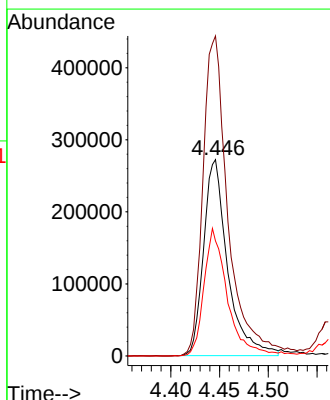
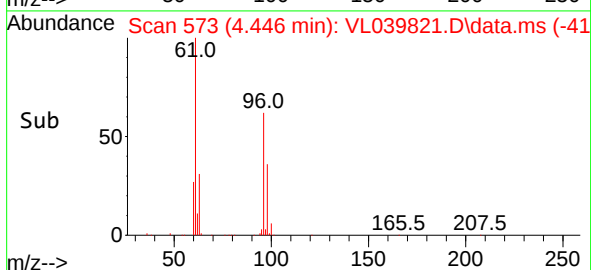
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

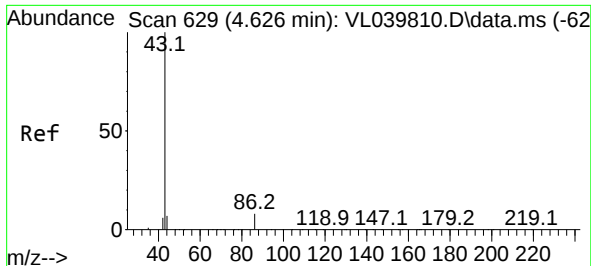


#22
 trans-1,2-Dichloroethene
 Concen: 9.560 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47



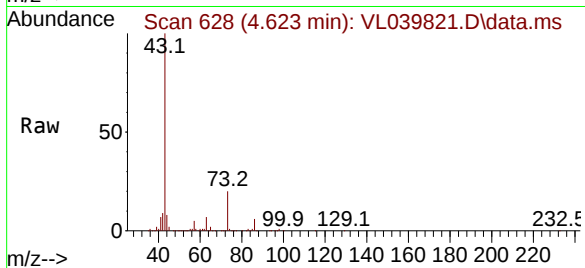
Tgt Ion: 96 Resp: 468007
 Ion Ratio Lower Upper
 96 100
 61 163.0 137.6 206.4
 98 58.7 51.2 76.8





#23
 Vinyl Acetate
 Concen: 8.431 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

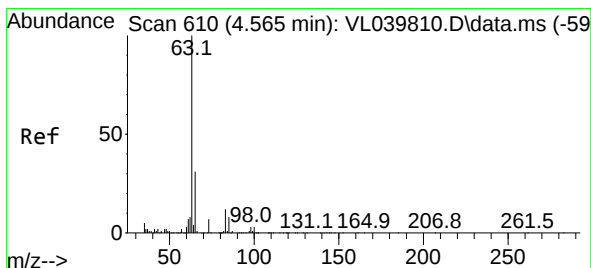
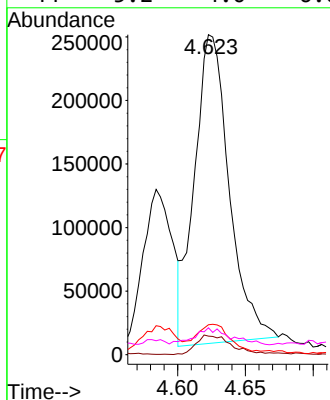
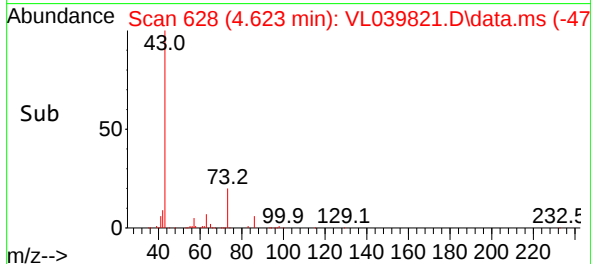
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



Tgt Ion: 43 Resp: 432483
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.0 7.4
 42 8.6 6.8 10.2
 44 5.2 4.0 6.0

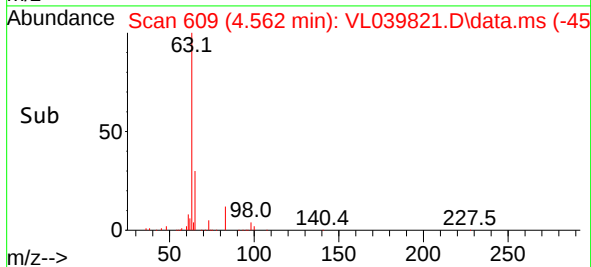
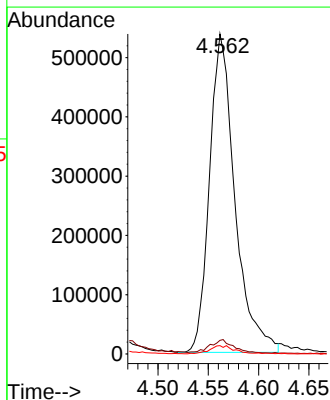
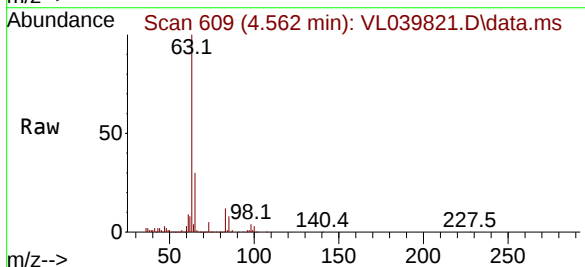
Manual Integrations
 APPROVED

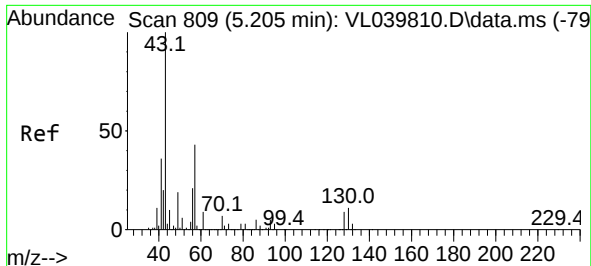
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022



#24
 1,1-Dichloroethane
 Concen: 9.015 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

Tgt Ion: 63 Resp: 944596
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.4
 100 2.5 1.5 4.4





#25

Ethyl Acetate

Concen: 8.909 ppbv

RT: 5.201 min Scan# 80

Delta R.T. -0.003 min

Lab File: VL039821.D

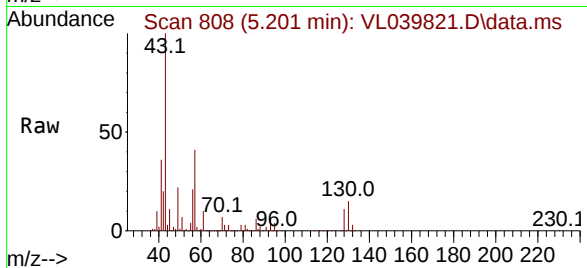
Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01



Tgt Ion: 43 Resp: 236273

Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.2

61 10.2 8.1 12.1

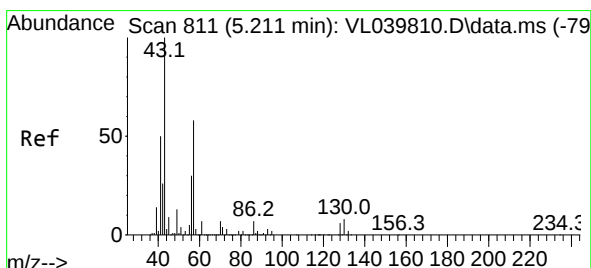
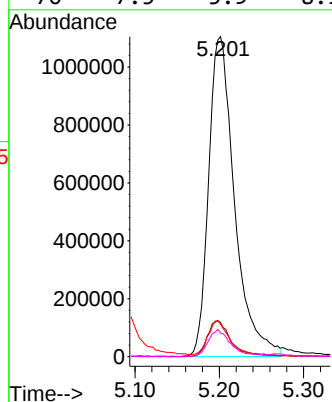
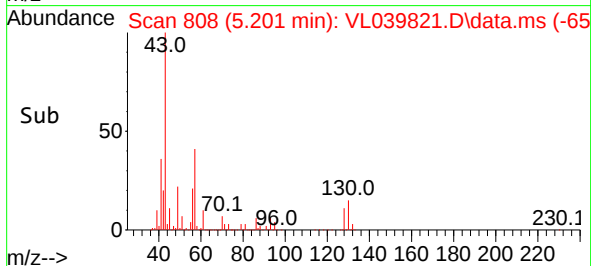
70 7.5 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#26

Hexane

Concen: 8.639 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion: 57 Resp: 1021576

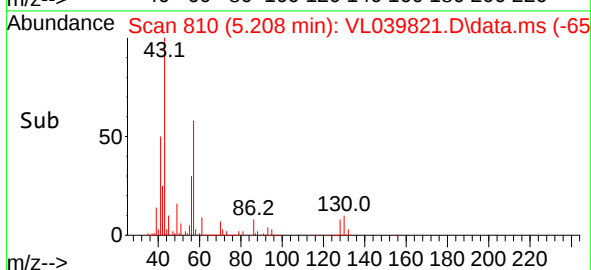
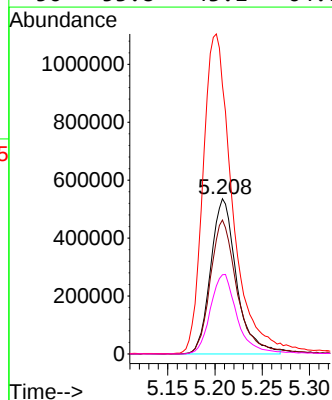
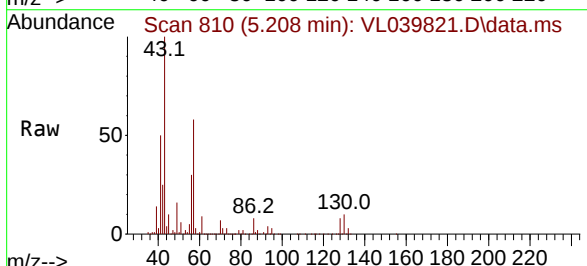
Ion Ratio Lower Upper

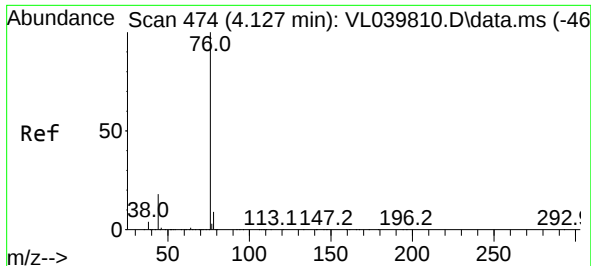
57 100

41 91.0 73.7 110.5

43 238.6 189.8 284.8

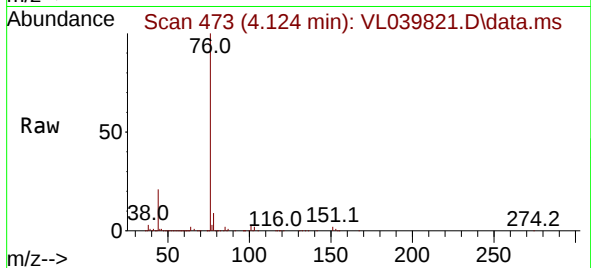
56 53.8 43.1 64.7





#27
Carbon Disulfide
Concen: 9.553 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

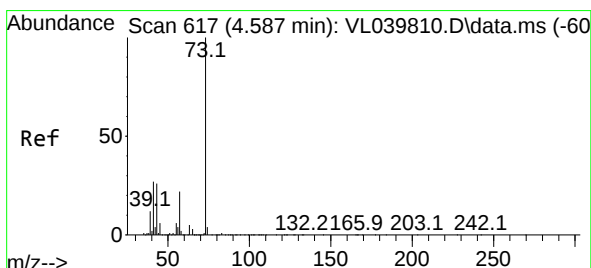
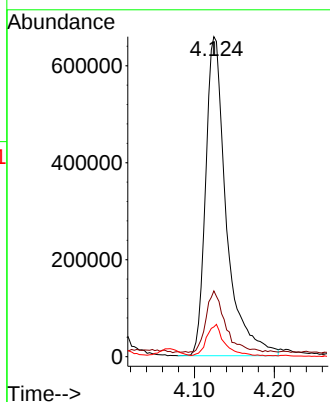
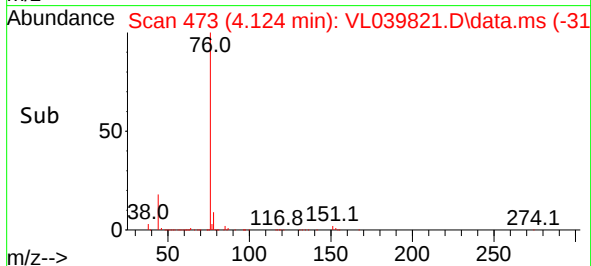
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion: 76 Resp: 1186240
Ion Ratio Lower Upper
76 100
44 19.6 14.6 22.0
78 9.2 7.6 11.4

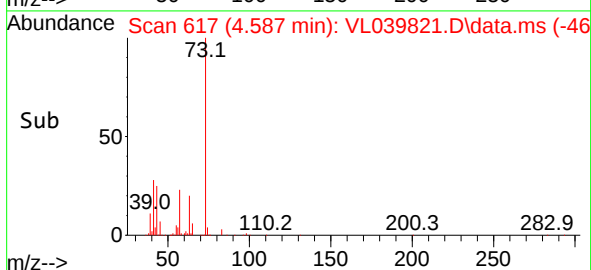
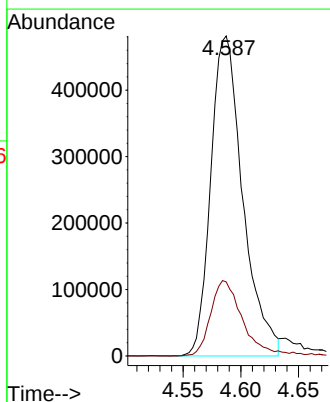
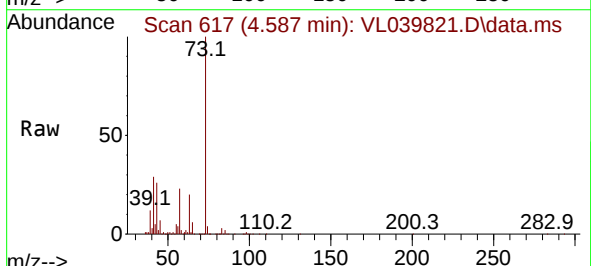
Manual Integrations
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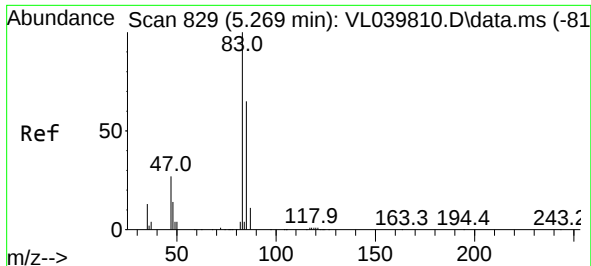
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#28
Methyl tert-Butyl Ether
Concen: 8.676 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 73 Resp: 928586
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2





#29

Chloroform

Concen: 9.389 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 83 Resp: 156123

Ion Ratio Lower Upper

83 100

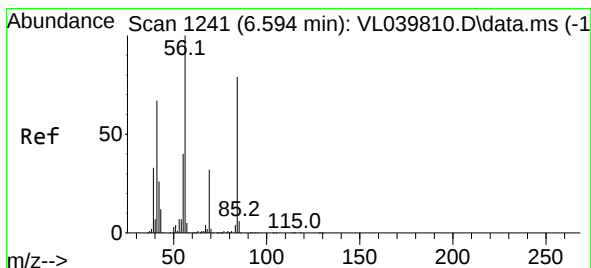
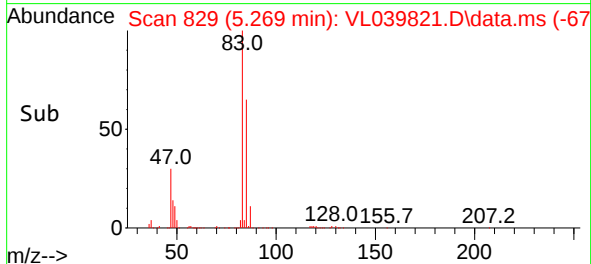
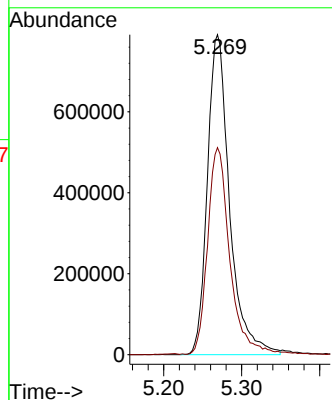
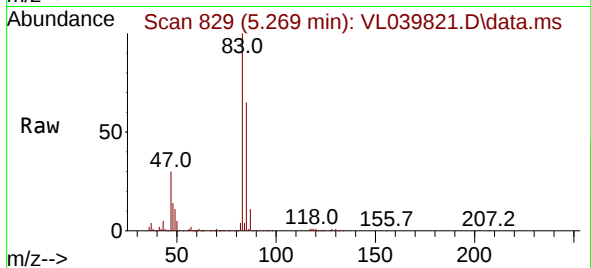
85 64.6 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#30

Cyclohexane

Concen: 9.033 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

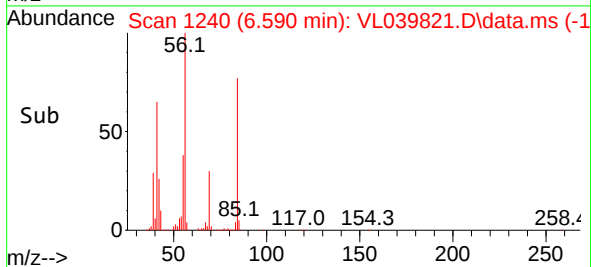
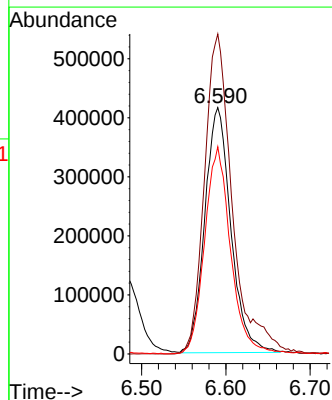
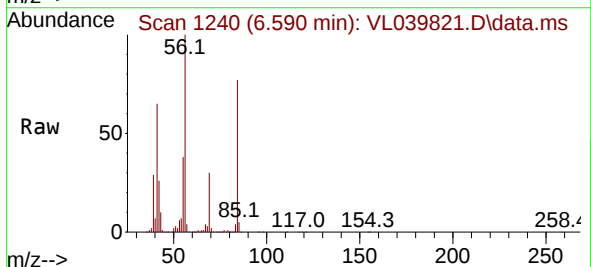
Tgt Ion: 84 Resp: 893226

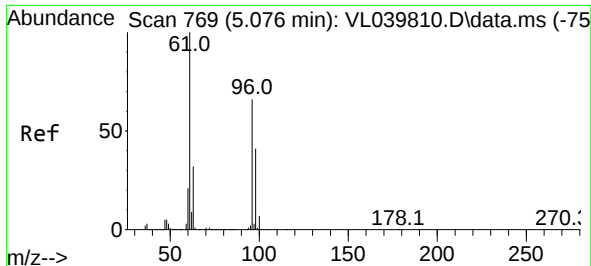
Ion Ratio Lower Upper

84 100

56 141.1 114.8 172.2

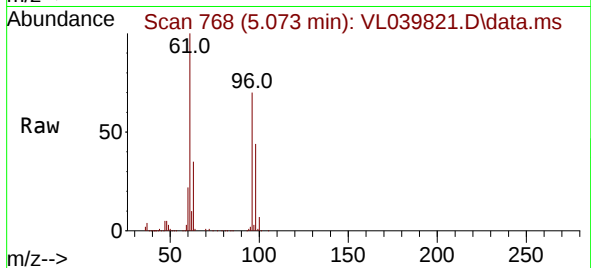
41 84.6 68.6 103.0





#31
cis-1,2-Dichloroethene
Concen: 9.284 ppbv
RT: 5.073 min Scan# 769
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

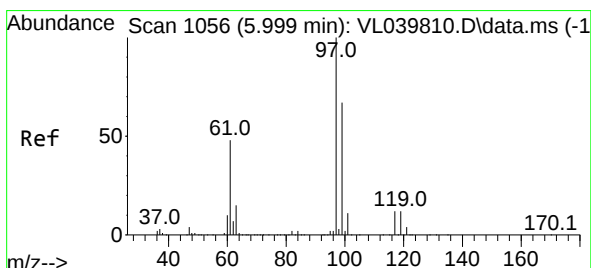
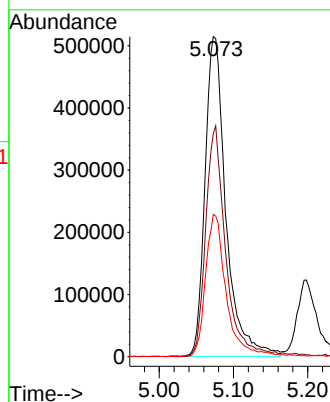
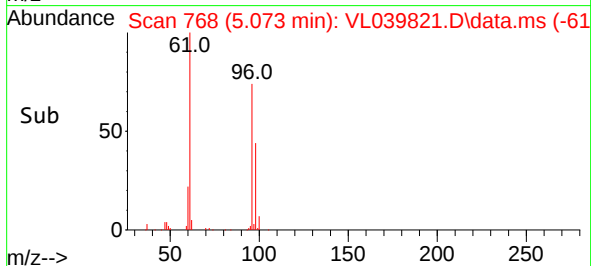
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



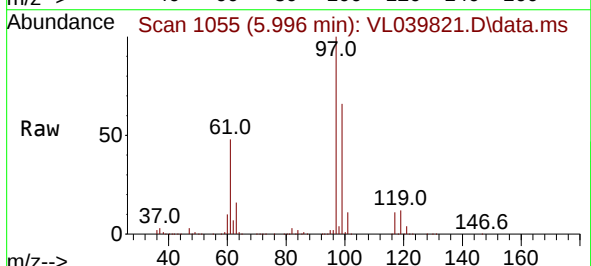
Tgt Ion: 61 Resp: 1001080
Ion Ratio Lower Upper
61 100
96 69.8 52.6 78.8
98 44.5 32.6 48.8

Manual Integrations
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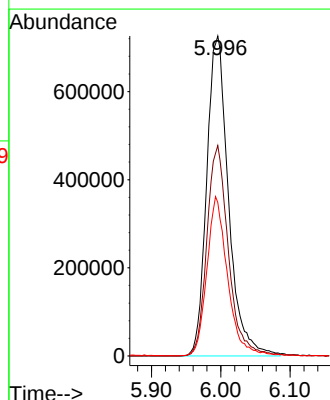
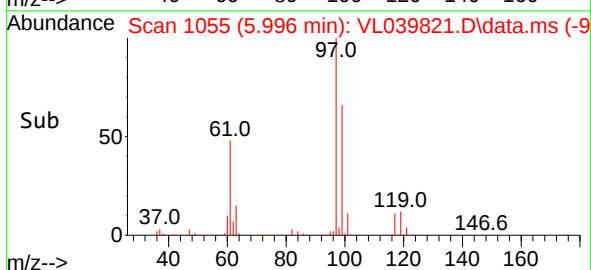
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

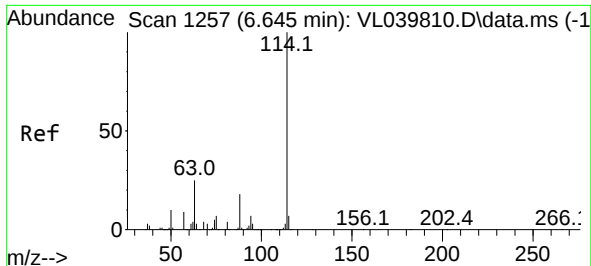


#32
1,1,1-Trichloroethane
Concen: 9.589 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



Tgt Ion: 97 Resp: 1587307
Ion Ratio Lower Upper
97 100
99 65.1 52.7 79.1
61 47.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion:114 Resp: 292564

Ion Ratio Lower Upper

114 100

63 23.9 19.8 29.6

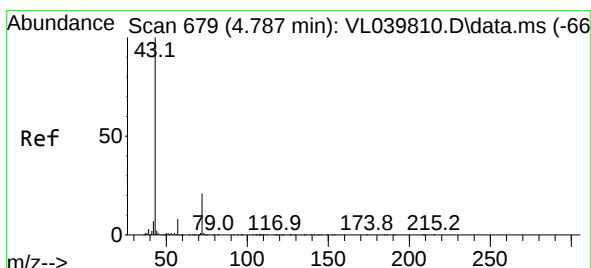
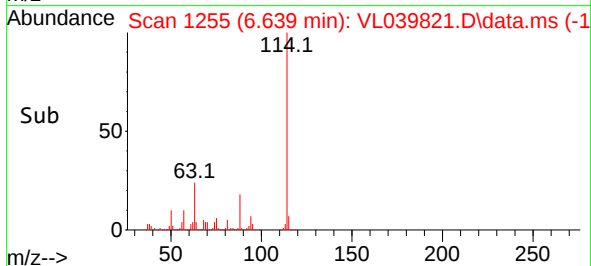
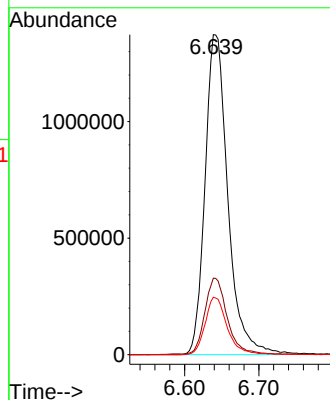
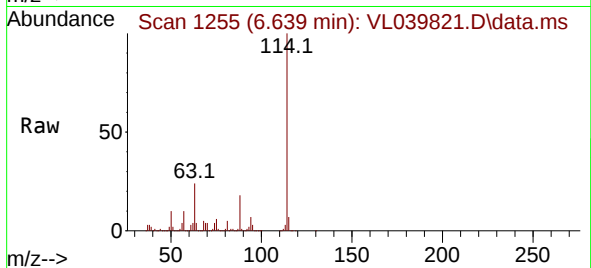
88 17.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#34

2-Butanone

Concen: 8.942 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.003 min

Lab File: VL039821.D

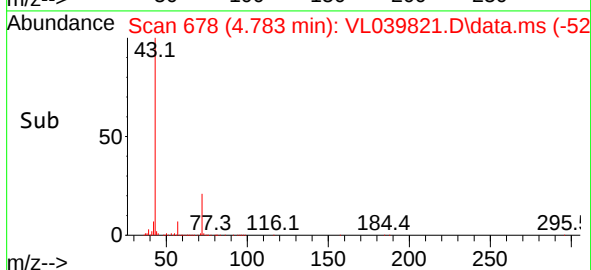
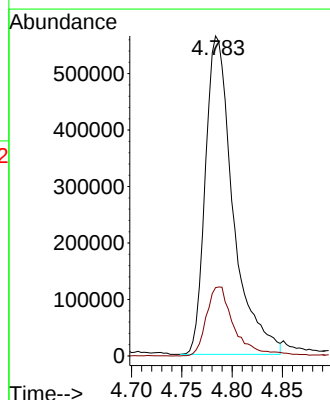
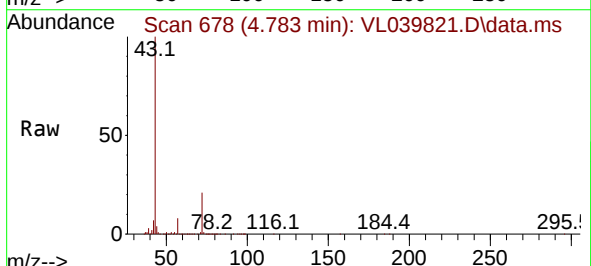
Acq: 3 Nov 2022 11:47

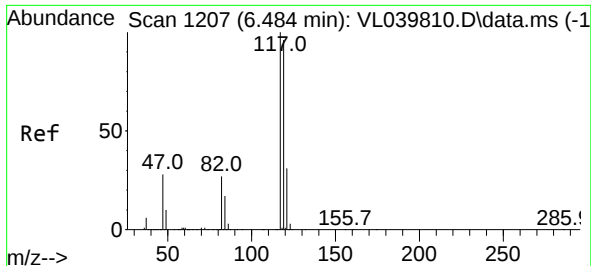
Tgt Ion: 43 Resp: 1079286

Ion Ratio Lower Upper

43 100

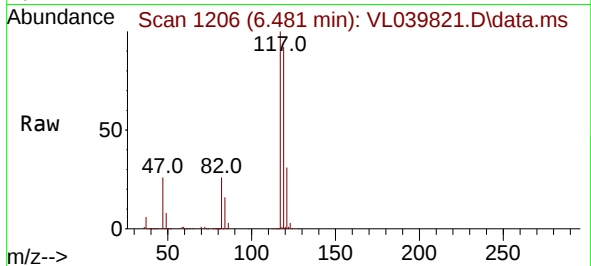
72 22.1 17.5 26.3





#35
Carbon Tetrachloride
Concen: 9.594 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

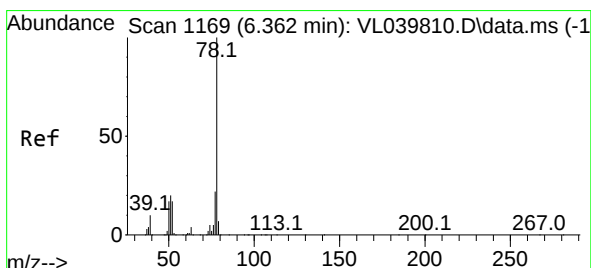
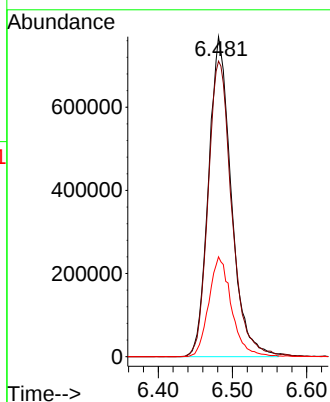
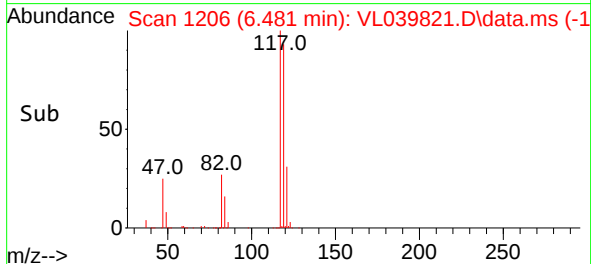
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion: 117 Resp: 1636069
Ion Ratio Lower Upper
117 100
119 92.3 76.5 114.7
121 31.2 25.2 37.8

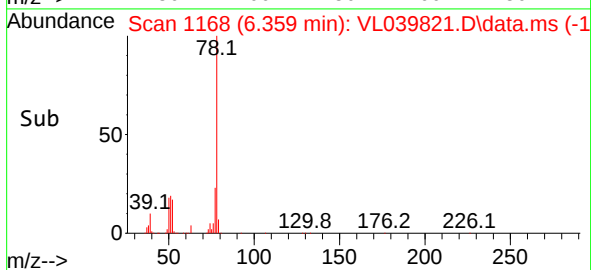
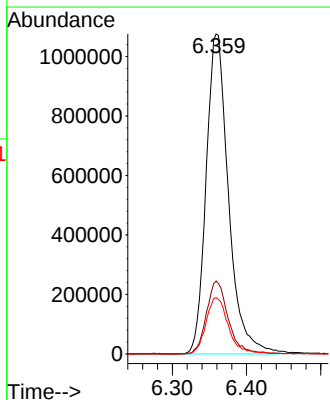
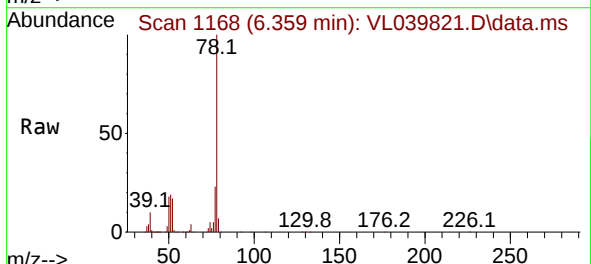
Manual Integrations
APPROVED

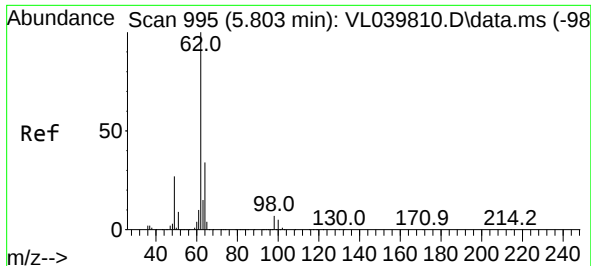
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#36
Benzene
Concen: 9.108 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

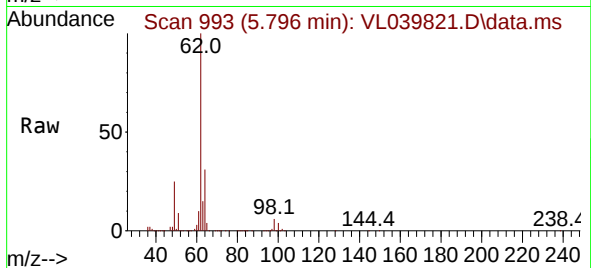
Tgt Ion: 78 Resp: 2247688
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.2
50 17.5 13.9 20.9





#37
1,2-Dichloroethane
Concen: 9.589 ppbv
RT: 5.796 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

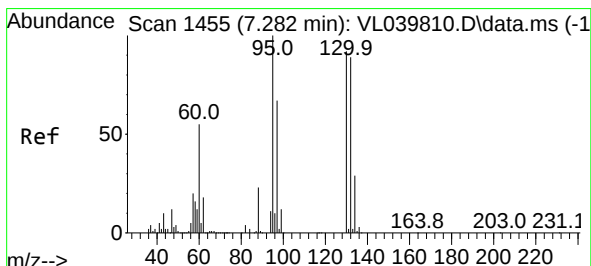
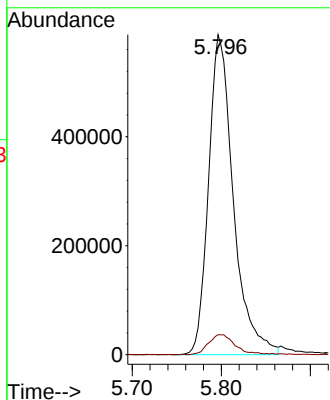
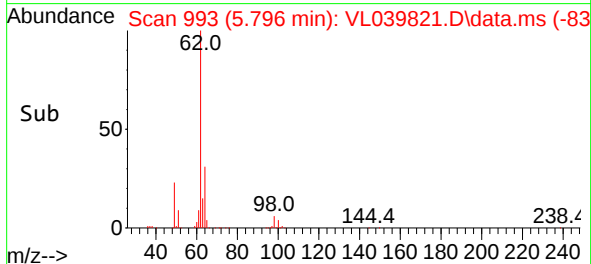
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



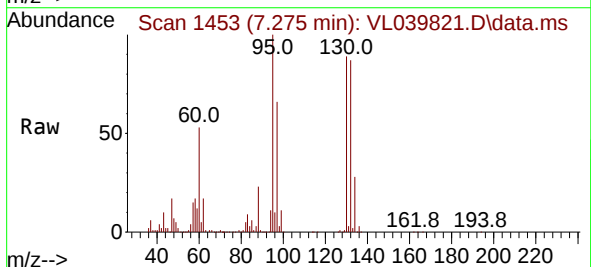
Tgt Ion: 62 Resp: 113539
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.2

Manual Integrations
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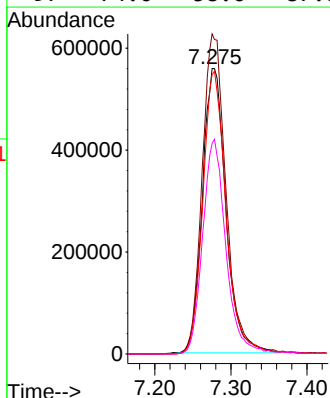
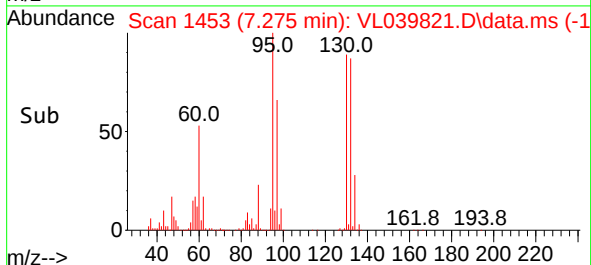
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

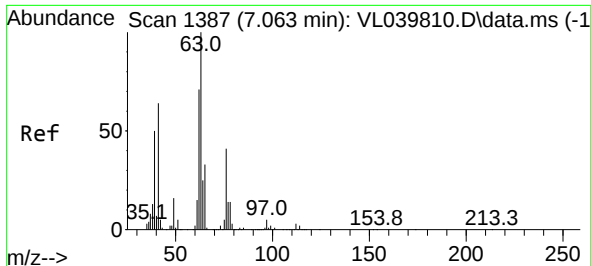


#38
Trichloroethene
Concen: 9.056 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



Tgt Ion:130 Resp: 1196334
Ion Ratio Lower Upper
130 100
95 112.4 87.4 131.2
132 98.2 77.7 116.5
97 74.0 58.6 87.8





#39

1,2-Dichloropropane

Concen: 8.910 ppbv

RT: 7.057 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 63 Resp: 856718

Ion Ratio Lower Upper

63 100

41 65.0 51.0 76.4

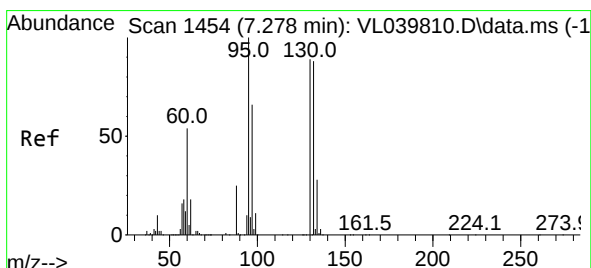
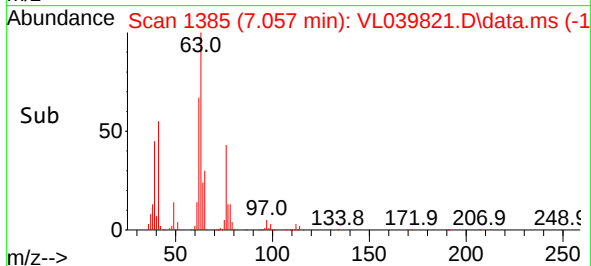
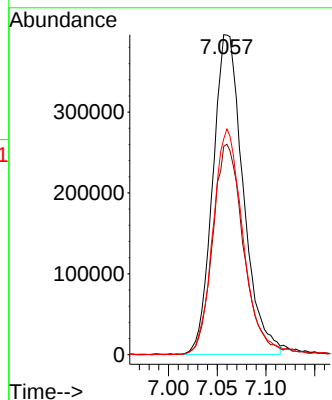
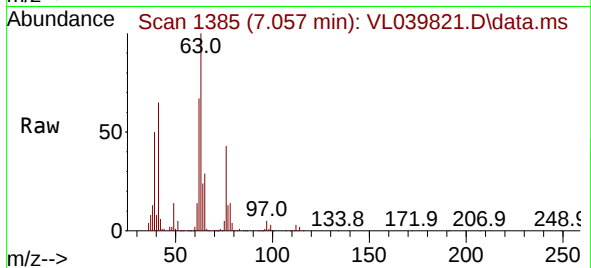
62 67.3 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#40

1,4-Dioxane

Concen: 9.398 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion: 88 Resp: 346049

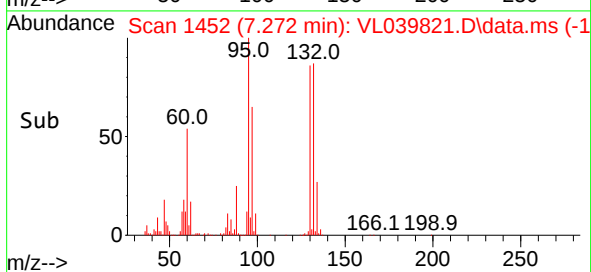
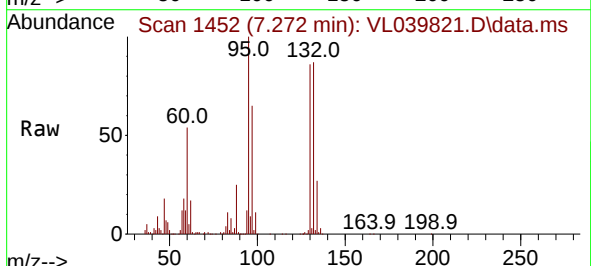
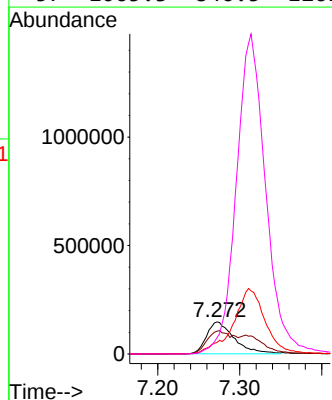
Ion Ratio Lower Upper

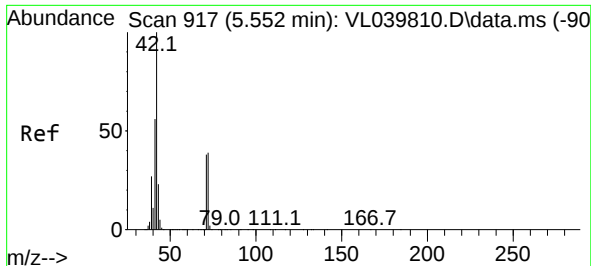
88 100

58 121.0 99.5 149.3

43 238.8 189.7 284.5

57 1065.3 846.5 1269.7





#41

Tetrahydrofuran

Concen: 9.043 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

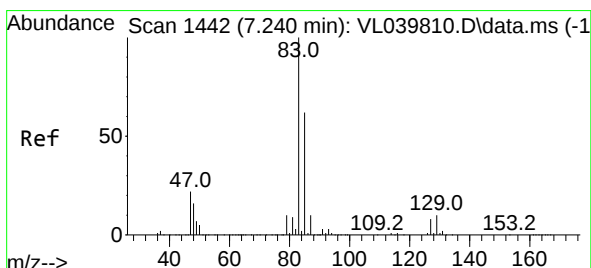
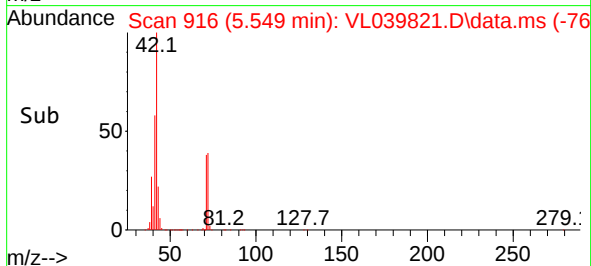
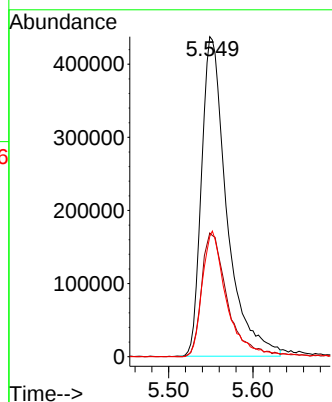
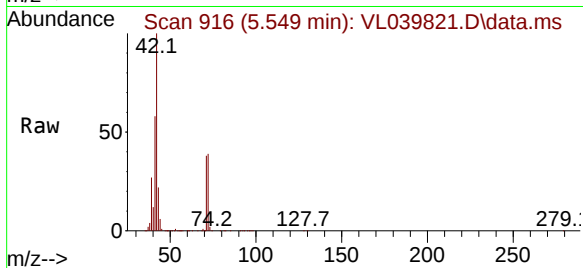
VL1103ABS01

Tgt Ion:	42	Resp:	91218
Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.4	47.2
71	38.7	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#42

Bromodichloromethane

Concen: 9.216 ppbv

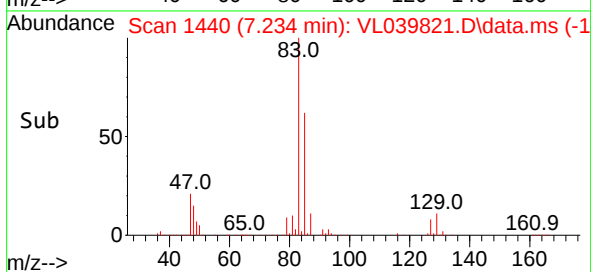
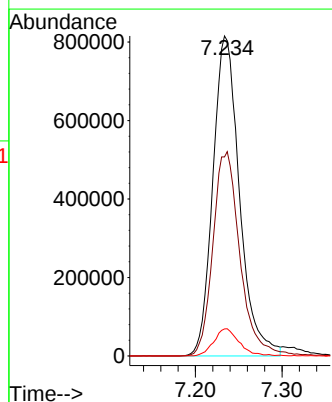
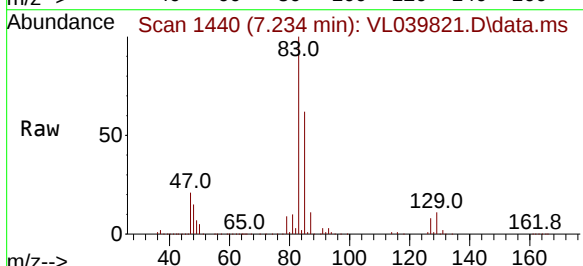
RT: 7.234 min Scan# 1440

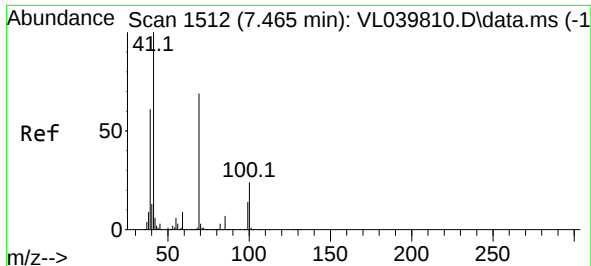
Delta R.T. -0.006 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion:	83	Resp:	1742973
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.9	74.9
127	8.5	6.4	9.6





#43

Methyl Methacrylate

Concen: 9.328 ppbv

RT: 7.462 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 69 Resp: 90982

Ion Ratio Lower Upper

69 100

41 142.4 115.7 173.5

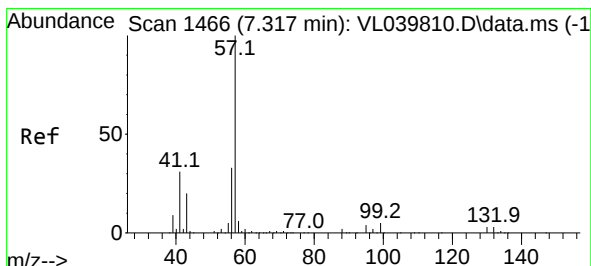
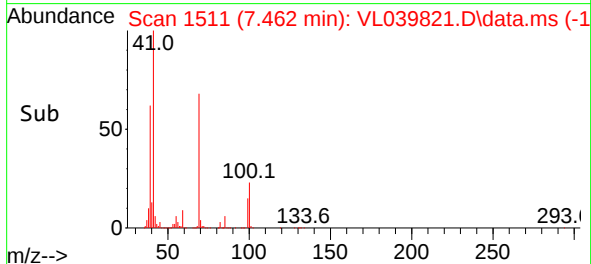
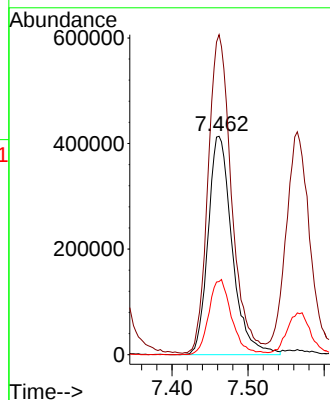
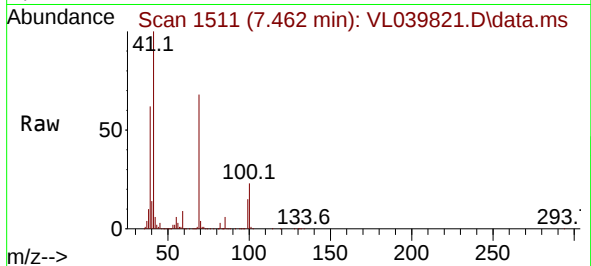
100 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#44

2,2,4-Trimethylpentane

Concen: 8.830 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

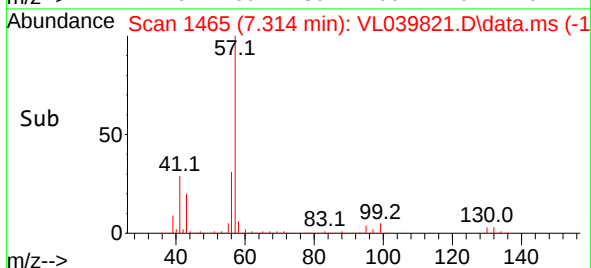
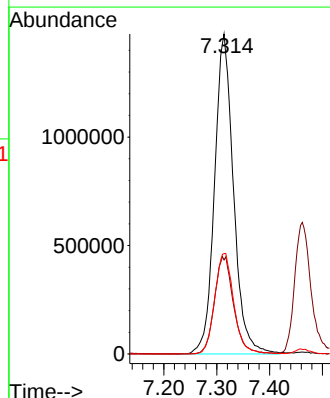
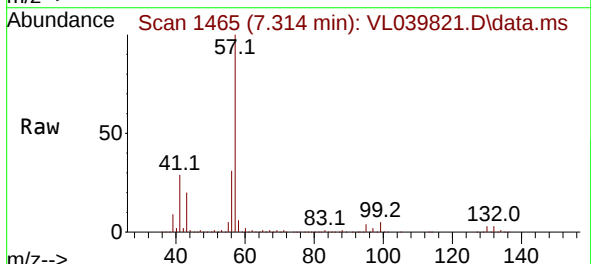
Tgt Ion: 57 Resp: 3678116

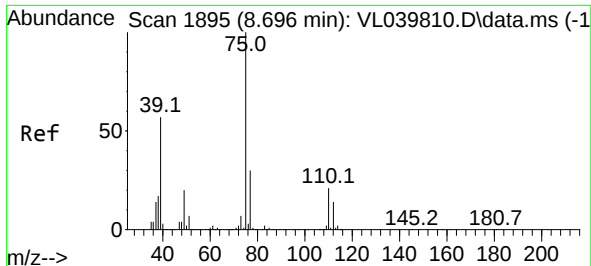
Ion Ratio Lower Upper

57 100

41 30.7 24.6 36.8

56 31.7 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 9.683 ppbv

RT: 8.693 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 75 Resp: 904700

Ion Ratio Lower Upper

75 100

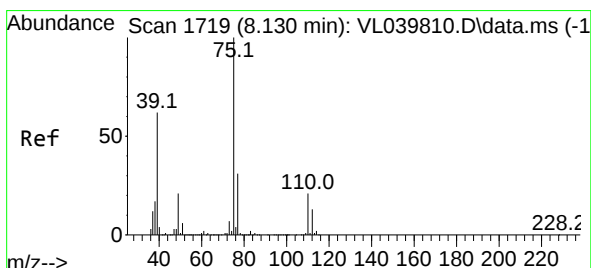
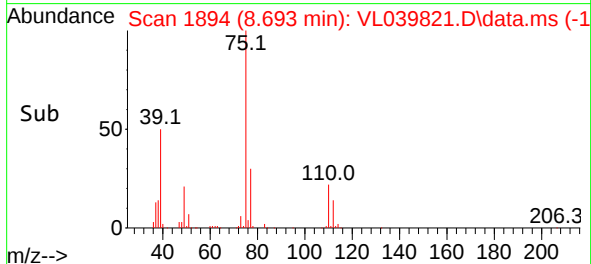
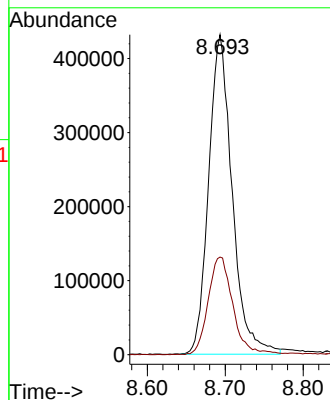
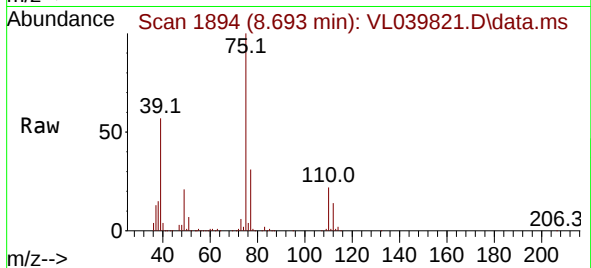
77 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#46

cis-1,3-Dichloropropene

Concen: 9.455 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

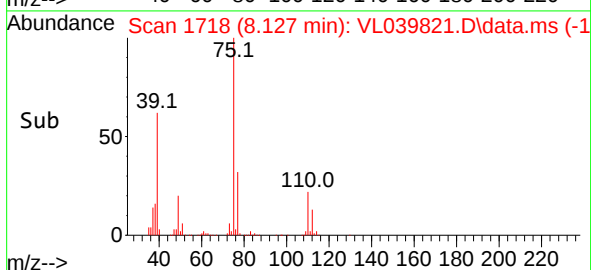
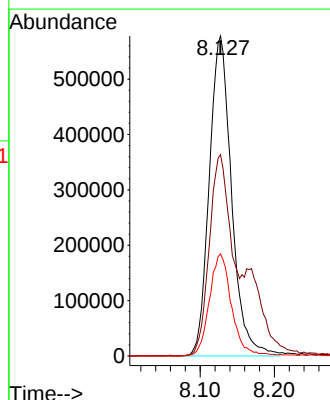
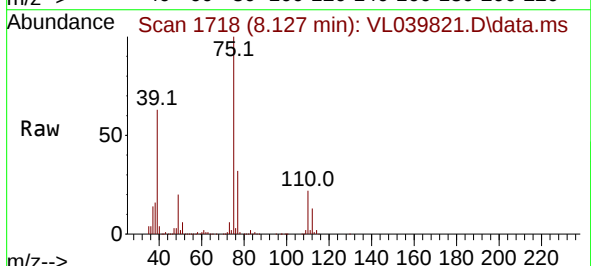
Tgt Ion: 75 Resp: 1205722

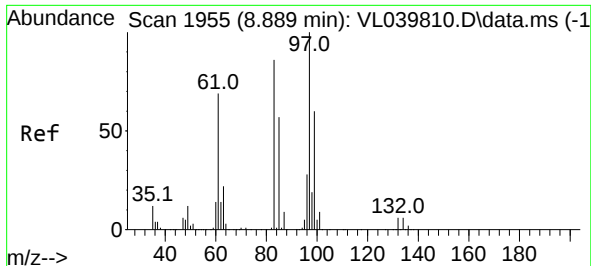
Ion Ratio Lower Upper

75 100

39 62.8 50.0 75.0

77 31.9 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.176 ppbv

RT: 8.880 min Scan# 1955

Delta R.T. -0.010 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01

Tgt Ion: 97 Resp: 893469

Ion Ratio Lower Upper

97 100

83 87.8 68.8 103.2

85 58.9 45.8 68.6

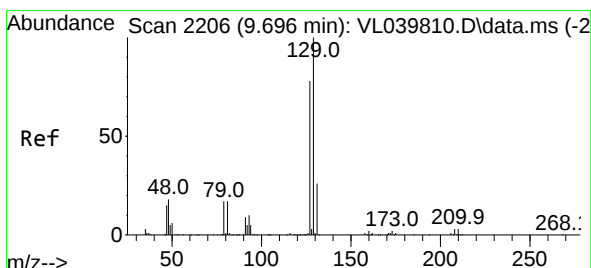
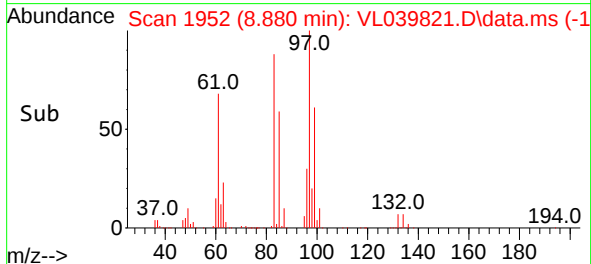
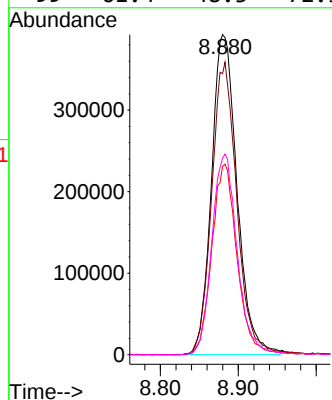
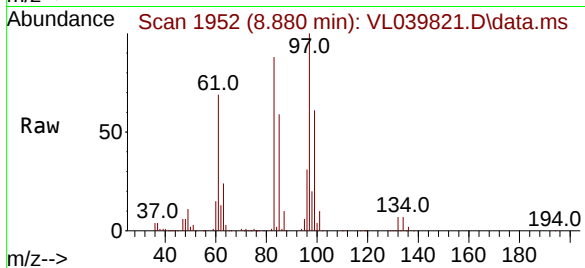
99 61.4 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#48

Dibromochloromethane

Concen: 9.169 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.010 min

Lab File: VL039821.D

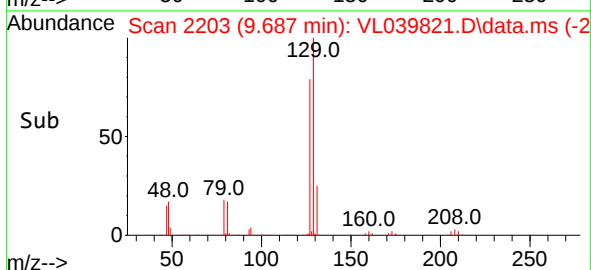
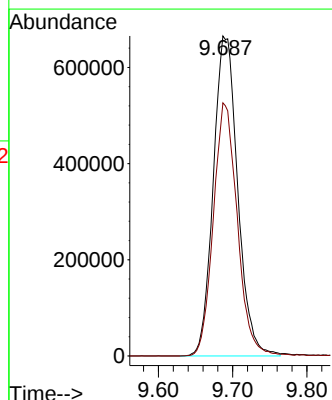
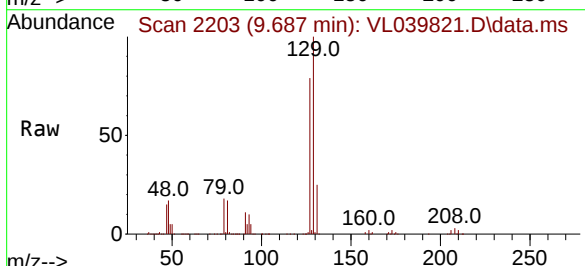
Acq: 3 Nov 2022 11:47

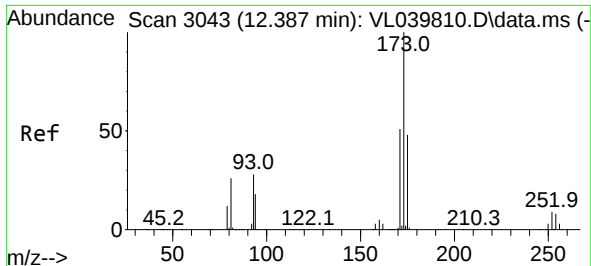
Tgt Ion:129 Resp: 1521212

Ion Ratio Lower Upper

129 100

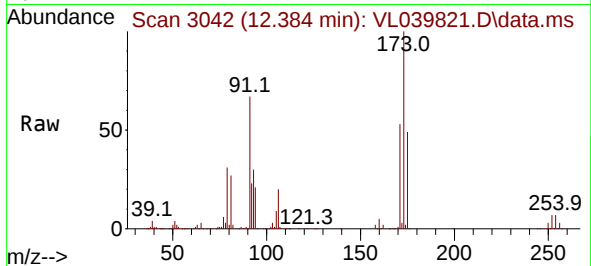
127 78.0 39.4 118.1





#49
Bromoform
Concen: 8.694 ppbv
RT: 12.384 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

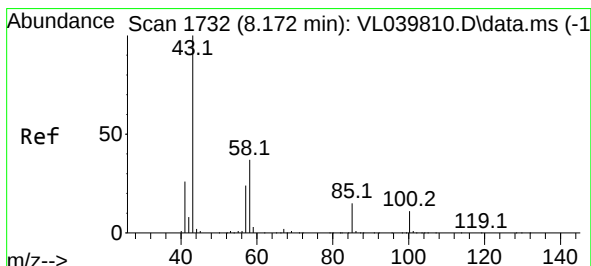
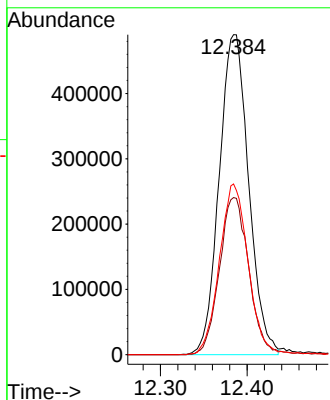
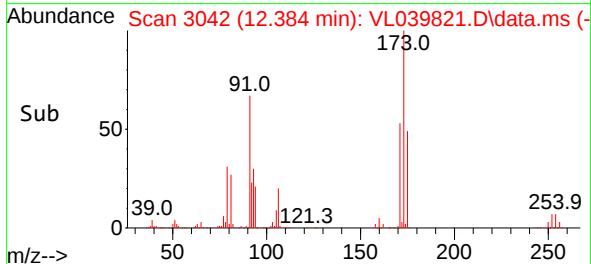
Instrument : MSVOA_L
ClientSampleId : VL1103ABS01



Tgt Ion: 173 Resp: 1159389
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
171 52.6 41.7 62.5

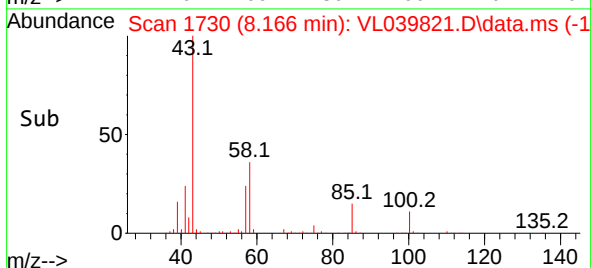
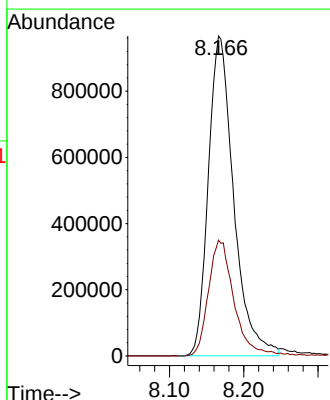
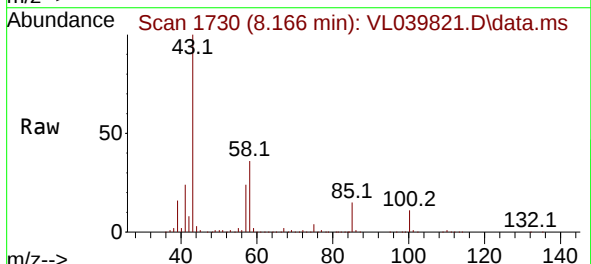
Manual Integrations
APPROVED

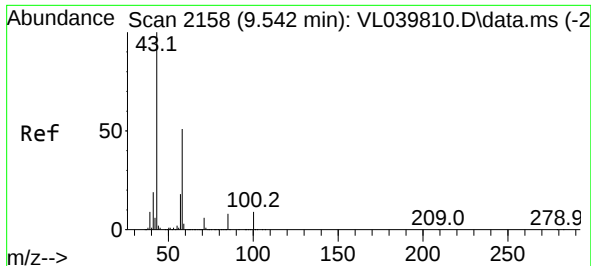
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#50
4-Methyl-2-Pentanone
Concen: 9.260 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

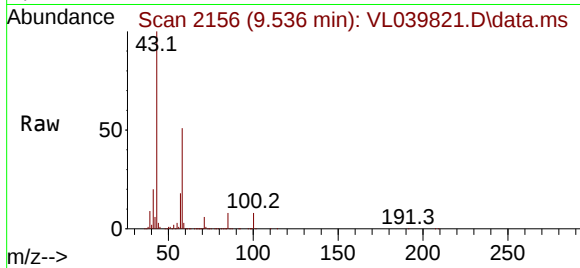
Tgt Ion: 43 Resp: 2288076
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.6





#51
2-Hexanone
Concen: 9.350 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

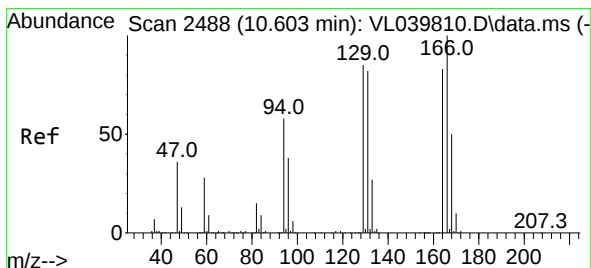
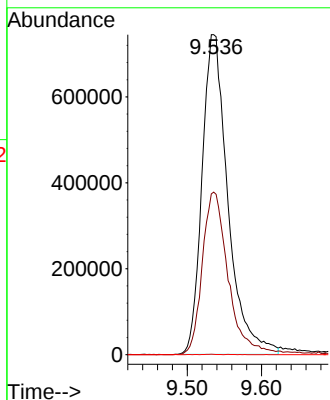
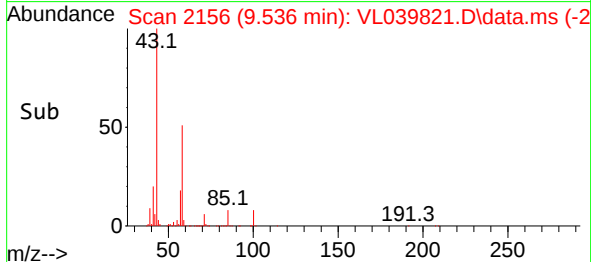
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion: 43 Resp: 1801514
Ion Ratio Lower Upper
43 100
58 52.1 40.5 60.7
98 0.1 0.1 0.1

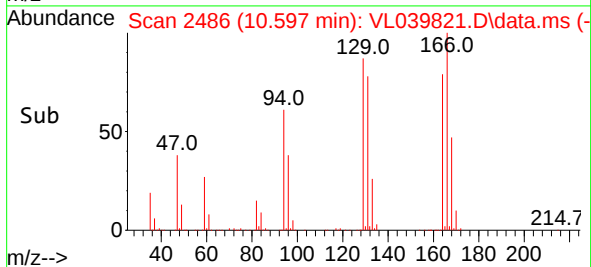
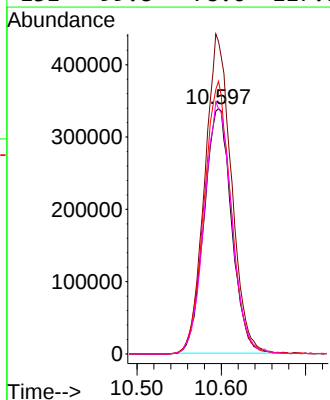
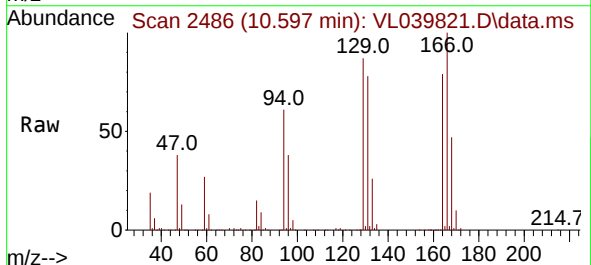
Manual Integrations
APPROVED

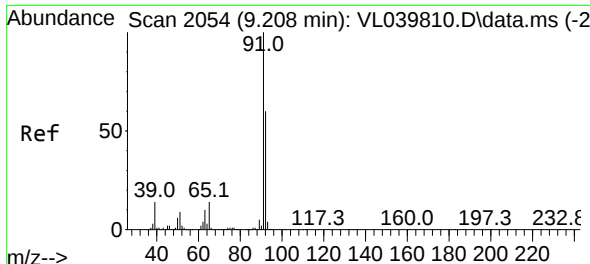
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Tetrachloroethene
Concen: 8.271 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

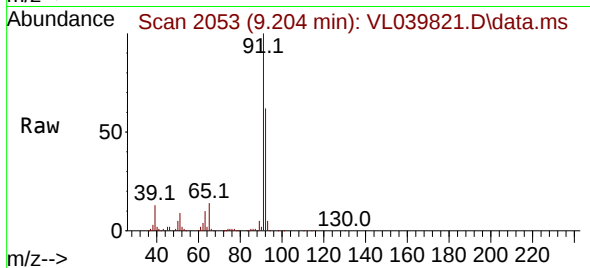
Tgt Ion:164 Resp: 764784
Ion Ratio Lower Upper
164 100
166 127.4 96.0 144.0
129 110.7 81.4 122.2
131 99.8 78.6 117.8





#53
Toluene
Concen: 9.008 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

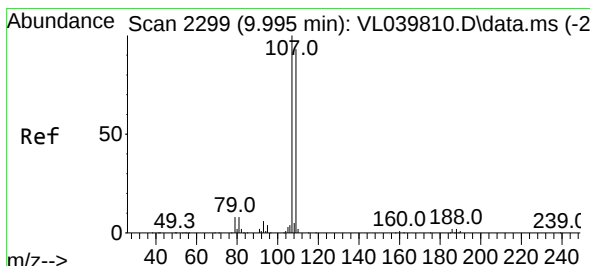
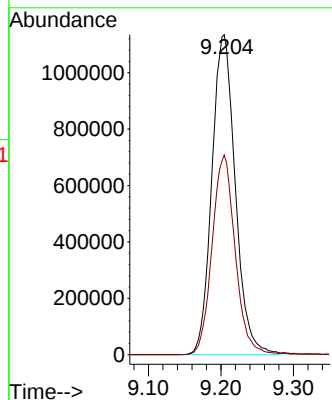
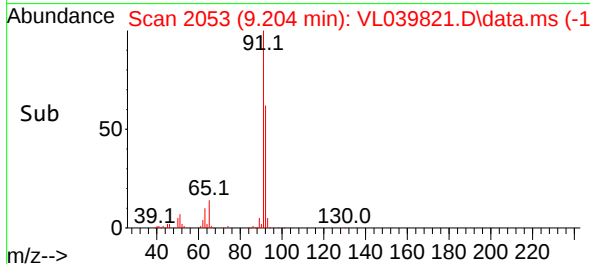
Instrument : MSVOA_L
ClientSampleId : VL1103ABS01



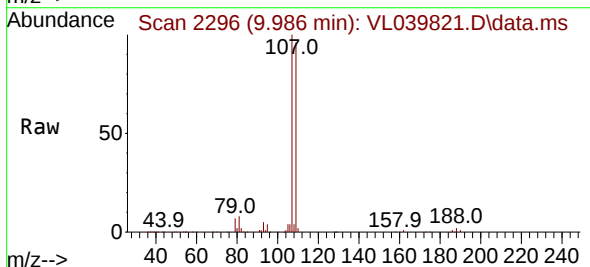
Tgt Ion: 91 Resp: 2550218
Ion Ratio Lower Upper
91 100
92 61.6 49.6 74.4

Manual Integrations
APPROVED

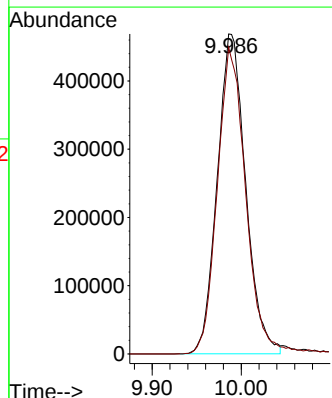
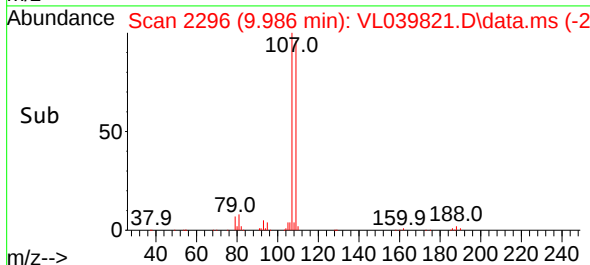
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

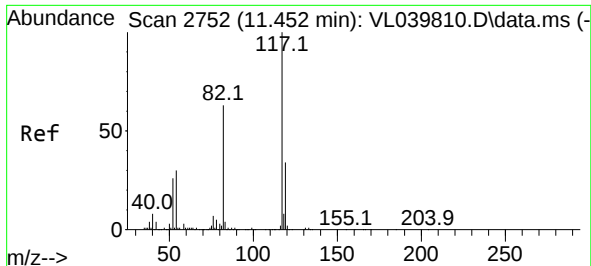


#54
1,2-Dibromoethane
Concen: 9.617 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



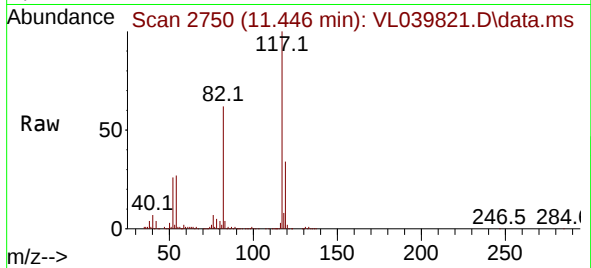
Tgt Ion:107 Resp: 1039159
Ion Ratio Lower Upper
107 100
109 95.8 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.446 min Scan# 2752
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

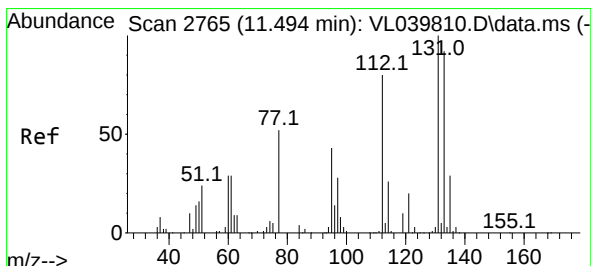
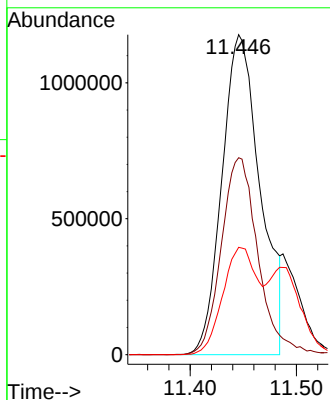
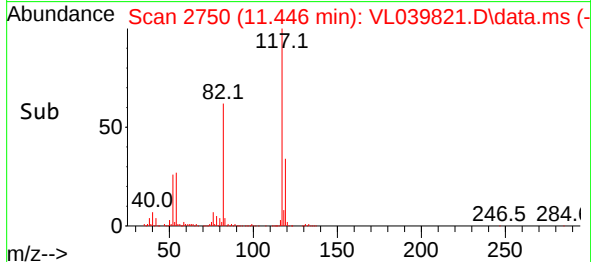
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



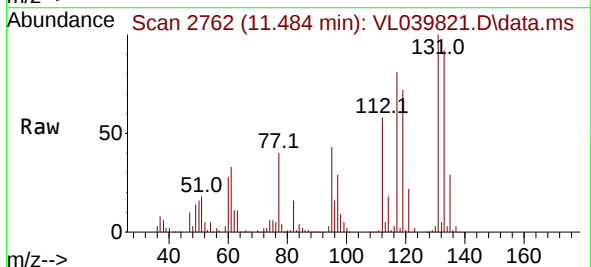
Tgt Ion:117 Resp: 2947109
Ion Ratio Lower Upper
117 100
82 59.4 51.0 76.6
119 31.8 24.7 37.1

Manual Integrations
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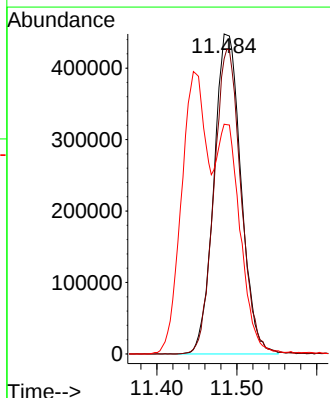
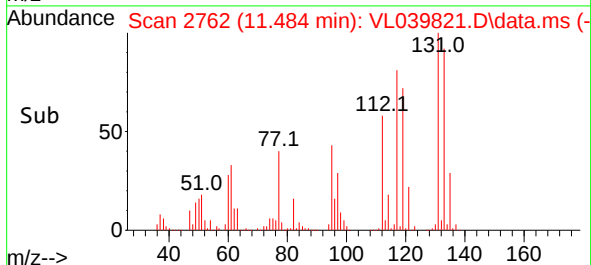
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

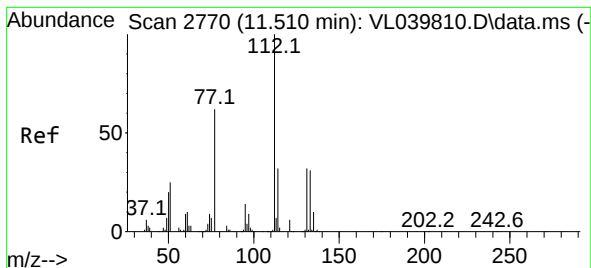


#56
1,1,1,2-Tetrachloroethane
Concen: 8.350 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



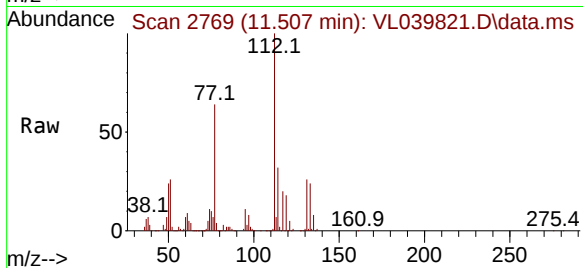
Tgt Ion:131 Resp: 1052069
Ion Ratio Lower Upper
131 100
133 95.2 76.9 115.3
119 62.1 52.2 78.2





#57
Chlorobenzene
Concen: 8.407 ppbv
RT: 11.507 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

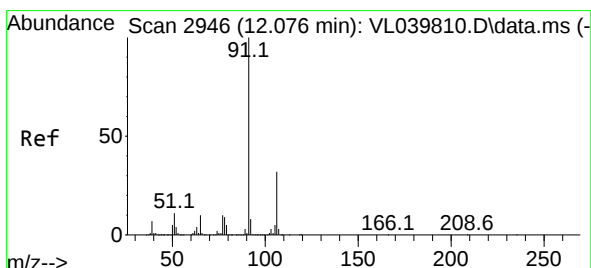
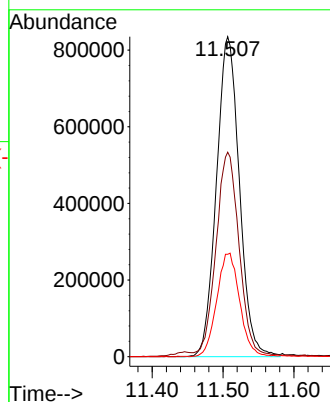
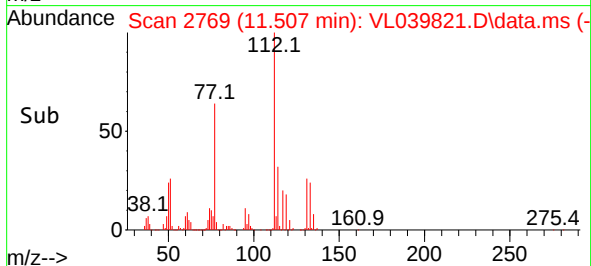
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion:112 Resp: 1879268
Ion Ratio Lower Upper
112 100
77 63.5 49.8 74.6
114 31.9 29.0 35.4

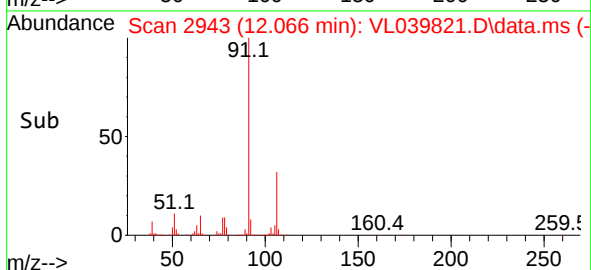
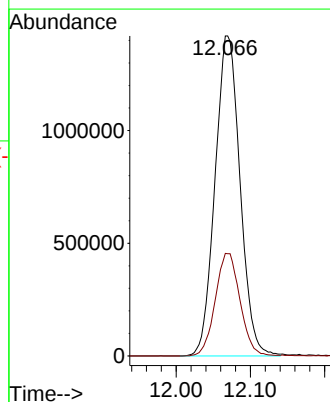
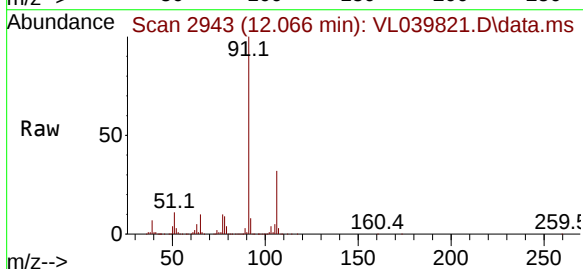
Manual Integrations
APPROVED

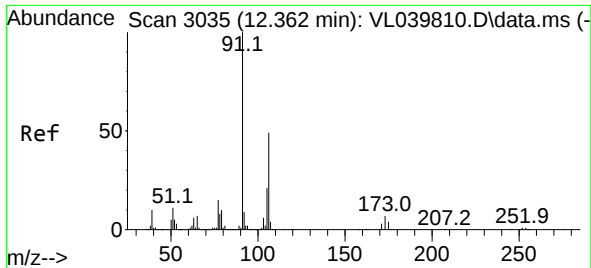
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#58
Ethyl Benzene
Concen: 8.348 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Tgt Ion: 91 Resp: 3326552
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9





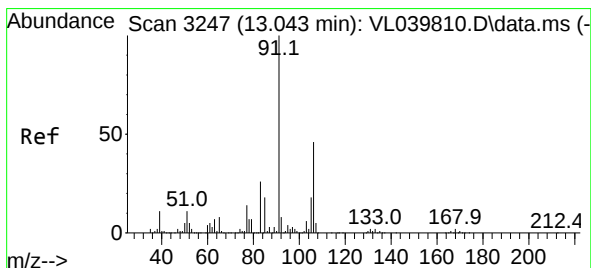
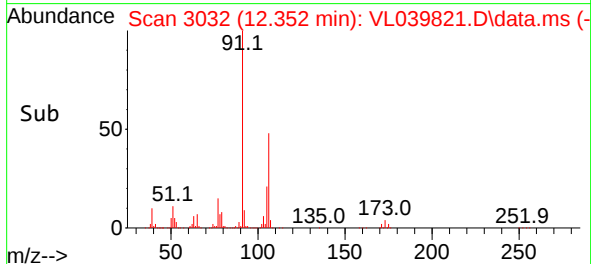
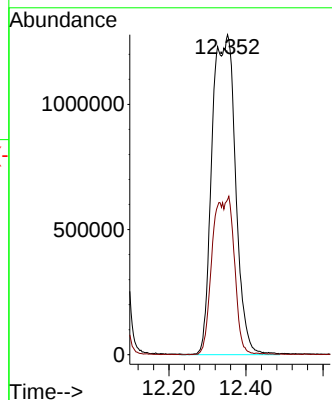
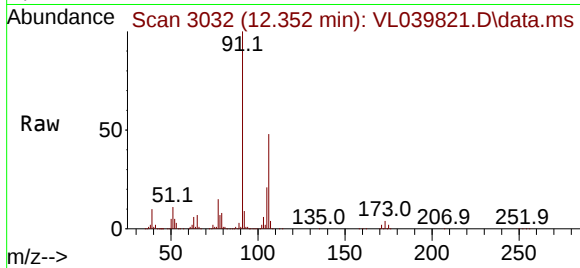
#59
m/p-Xylene
Concen: 16.227 ppbv m
RT: 12.352 min Scan# 3035
Delta R.T. -0.009 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01

Tgt Ion: 91 Resp: 5397514
Ion Ratio Lower Upper
91 100
106 46.6 37.6 56.4

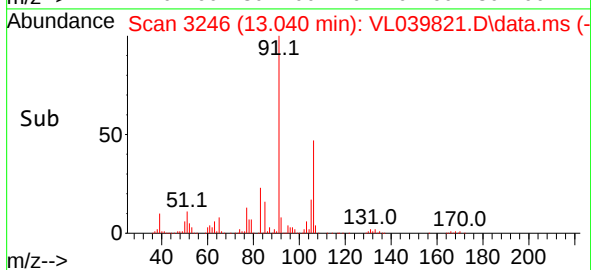
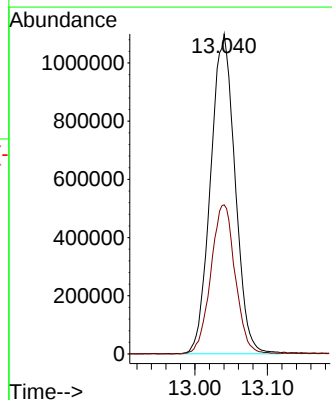
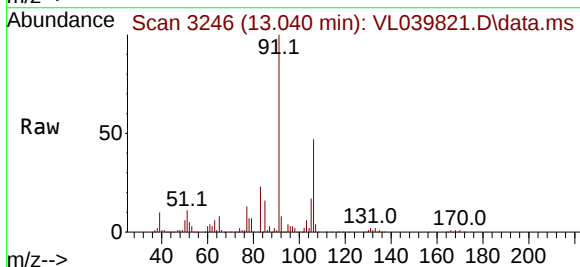
Manual Integrations
APPROVED

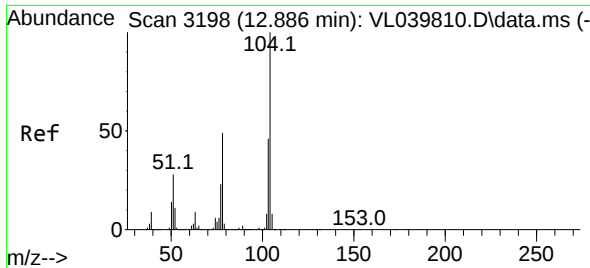
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#60
o-Xylene
Concen: 8.172 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

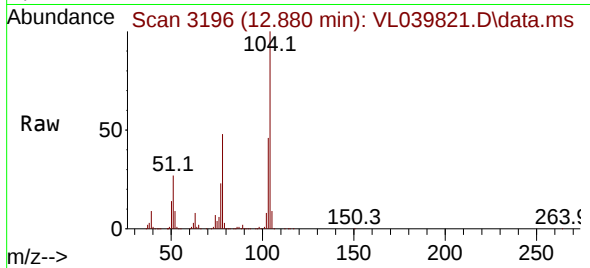
Tgt Ion: 91 Resp: 2575370
Ion Ratio Lower Upper
91 100
106 46.6 23.6 70.8





#61
Styrene
Concen: 8.433 ppbv
RT: 12.880 min Scan# 3198
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

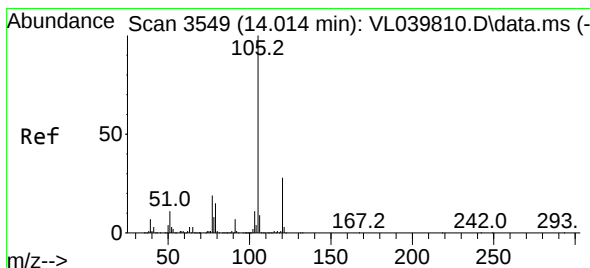
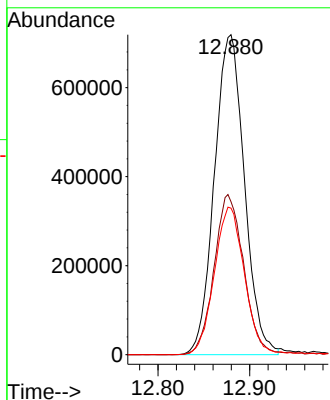
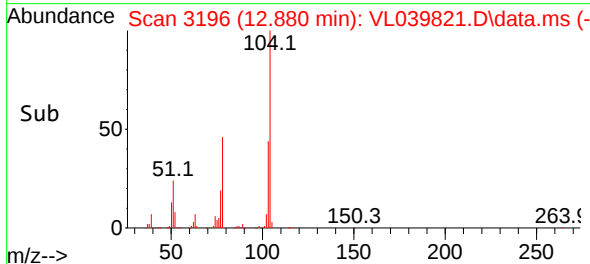
Instrument : MSVOA_L
ClientSampleId : VL1103ABS01



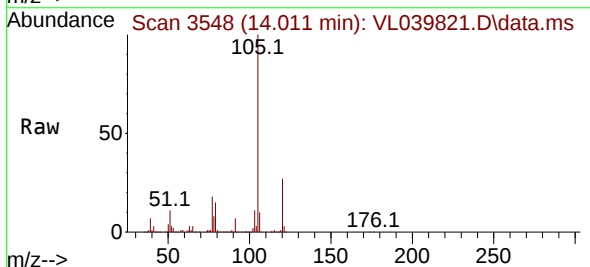
Tgt Ion:104 Resp: 163538
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 46.8 37.5 56.3

Manual Integrations
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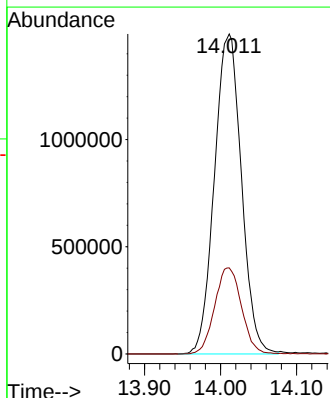
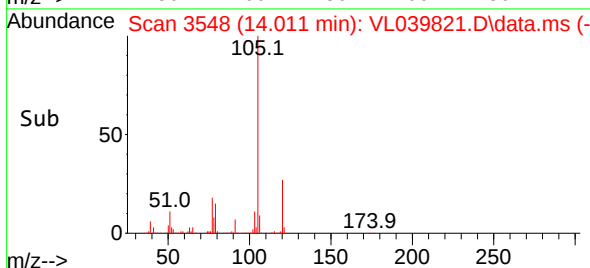
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

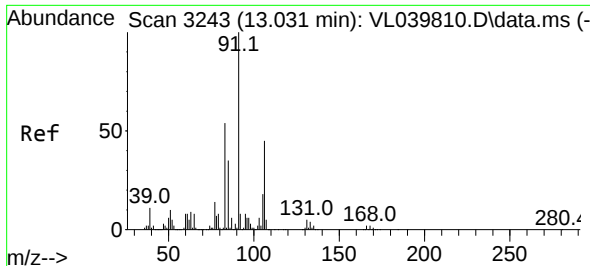


#62
Isopropylbenzene
Concen: 7.997 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



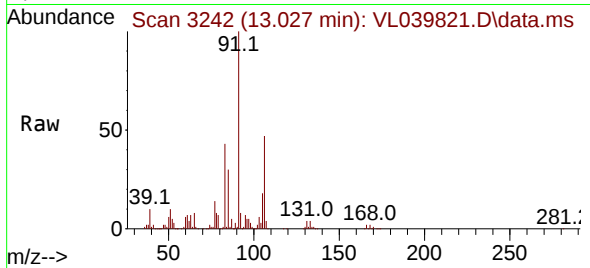
Tgt Ion:105 Resp: 3676461
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.564 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

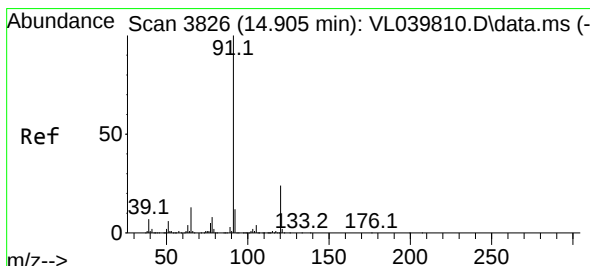
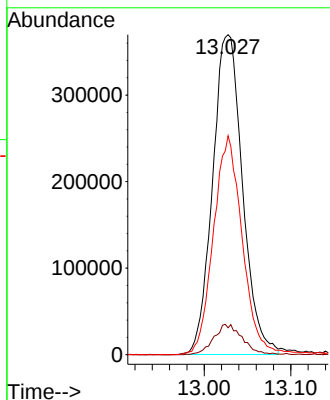
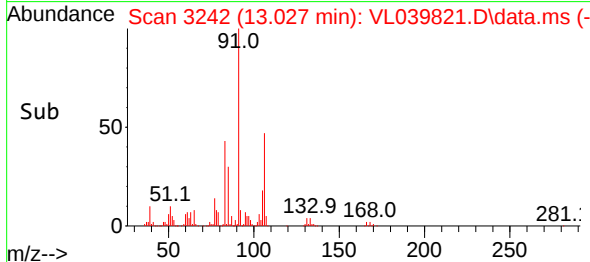
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



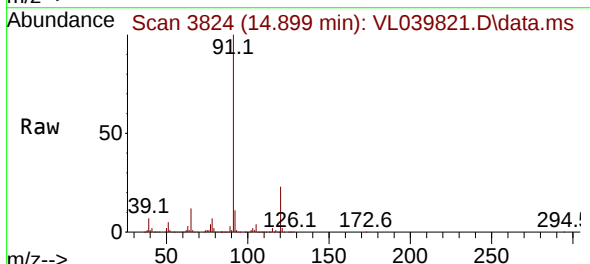
Tgt Ion: 83 Resp: 88772
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.4 33.3 99.9

Manual Integrations
APPROVED

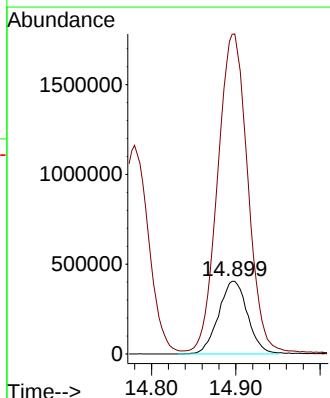
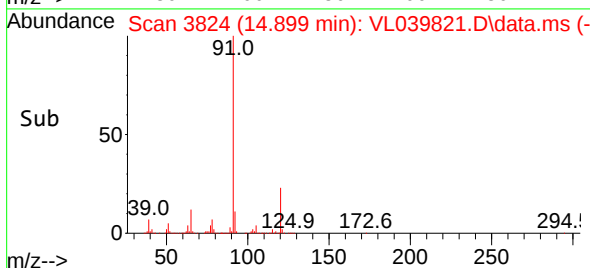
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

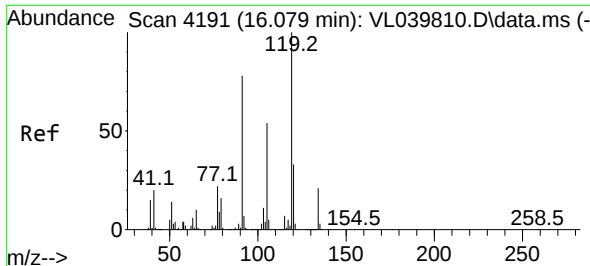


#64
n-propylbenzene
Concen: 7.856 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



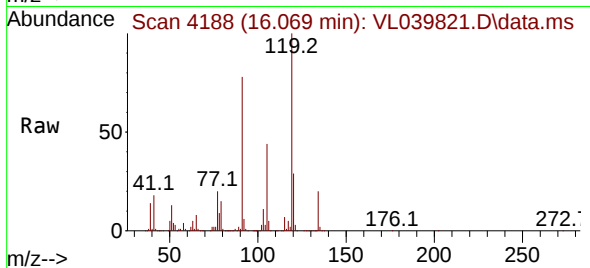
Tgt Ion:120 Resp: 966128
Ion Ratio Lower Upper
120 100
91 459.6 354.9 532.3





#65
tert-Butylbenzene
Concen: 7.624 ppbv
RT: 16.069 min Scan# 4191
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

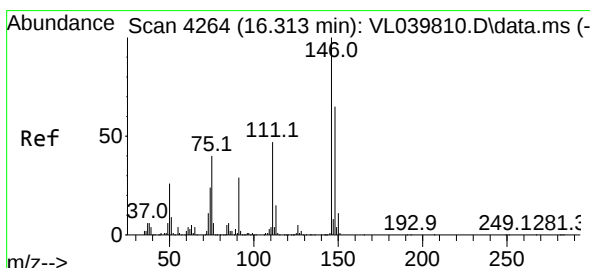
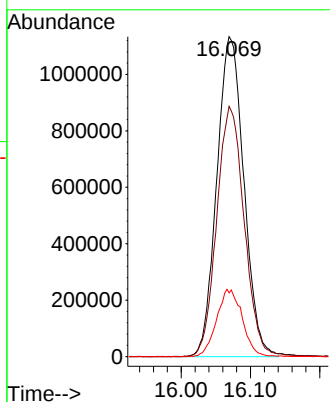
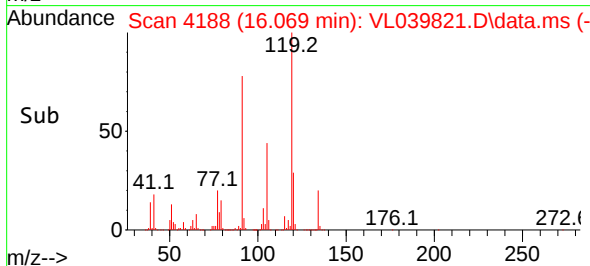
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



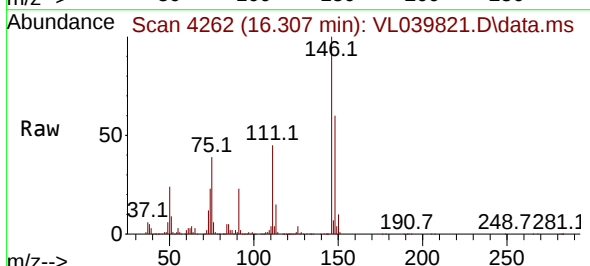
Tgt Ion:119 Resp: 307731
Ion Ratio Lower Upper
119 100
91 79.6 63.7 95.5
134 20.1 16.2 24.4

Manual Integrations
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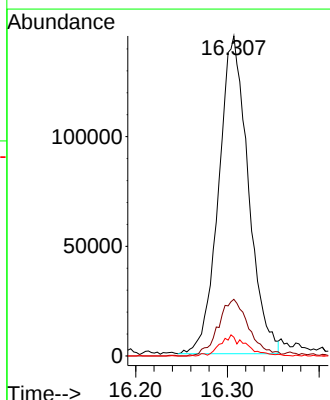
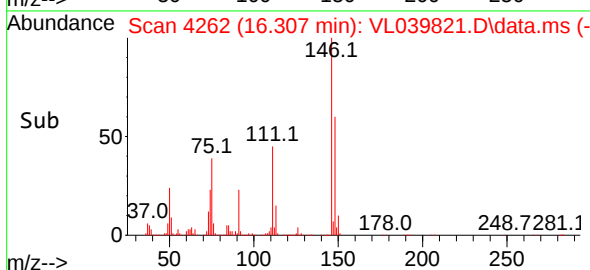
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

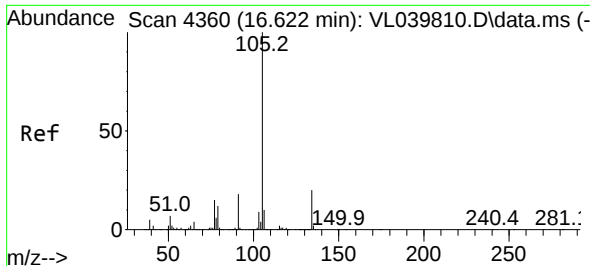


#66
Benzyl Chloride
Concen: 6.922 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



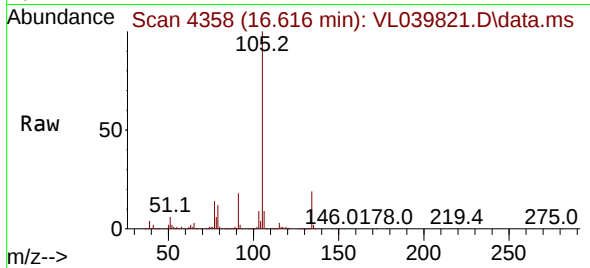
Tgt Ion: 91 Resp: 324866
Ion Ratio Lower Upper
91 100
126 19.2 15.6 23.4
128 6.0 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 7.792 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47

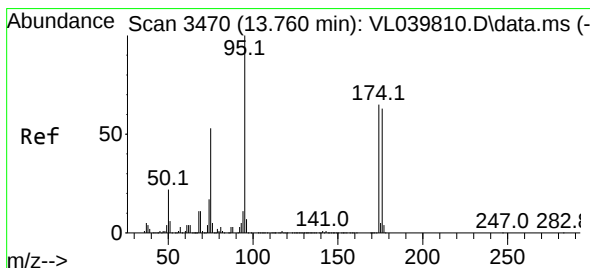
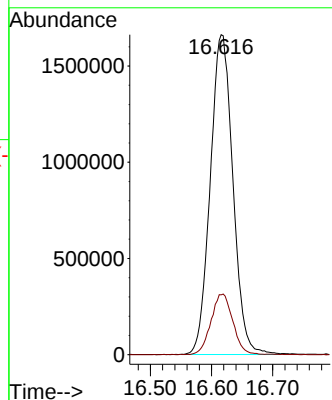
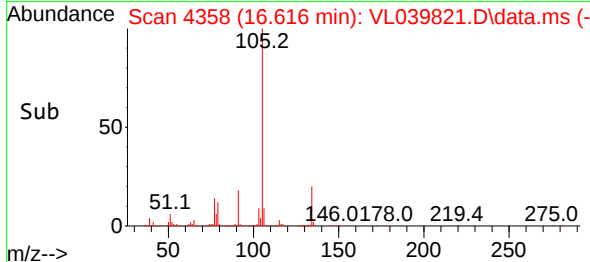
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABS01



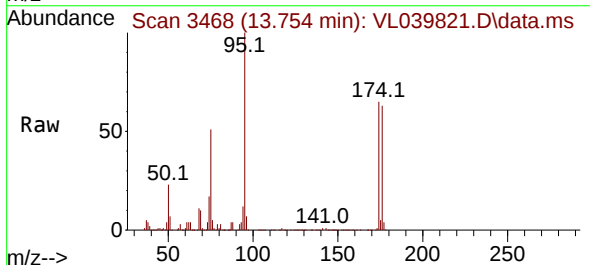
Tgt Ion:105 Resp: 428133
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.1 22.7

Manual Integrations
 APPROVED

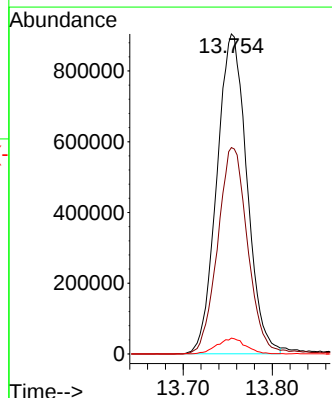
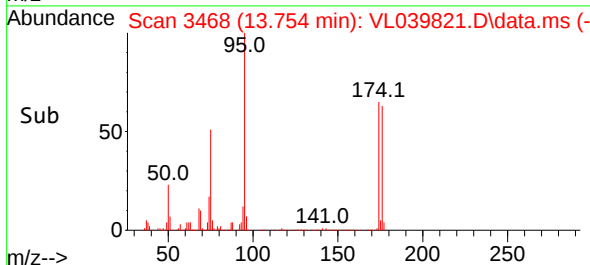
Reviewed By :Semsettin Yesilyurt 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

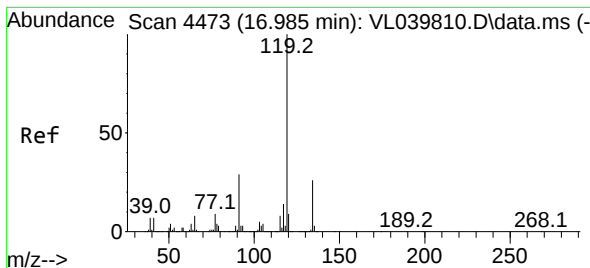


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.591 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.006 min
 Lab File: VL039821.D
 Acq: 3 Nov 2022 11:47



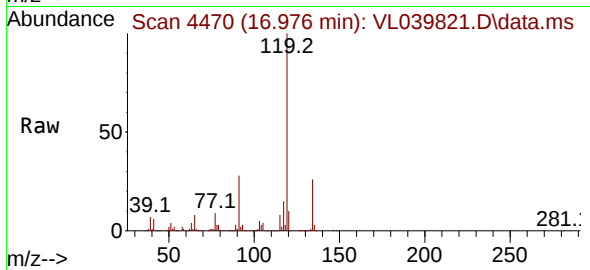
Tgt Ion: 95 Resp: 2115679
 Ion Ratio Lower Upper
 95 100
 174 65.9 53.4 80.0
 175 4.8 4.1 6.1





#69
p-Isopropyltoluene
Concen: 7.671 ppbv
RT: 16.976 min Scan# 4473
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

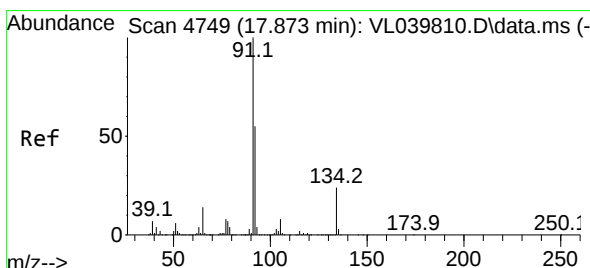
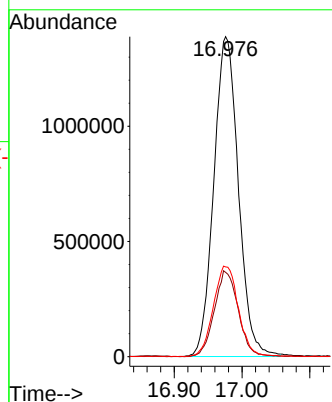
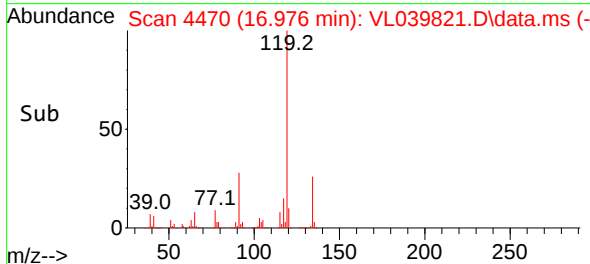
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion:119 Resp: 3495850
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.6
91 28.8 22.8 34.2

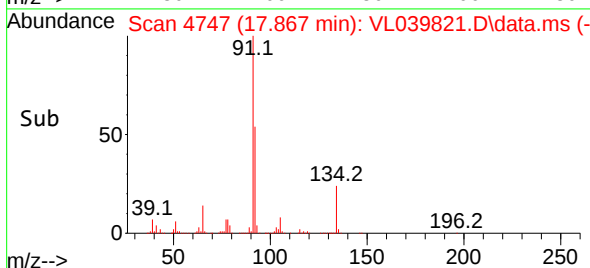
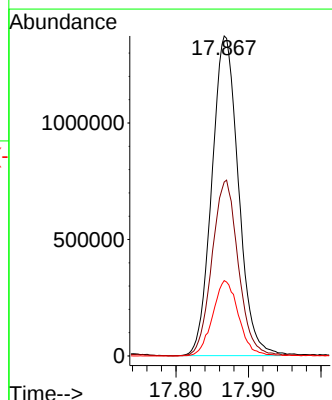
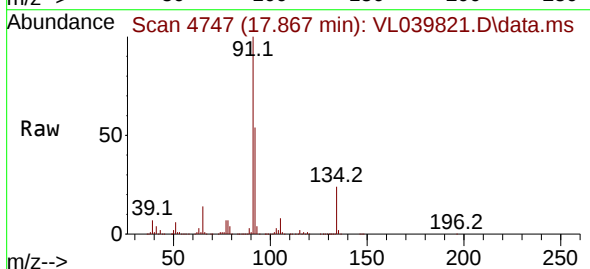
Manual Integrations
APPROVED

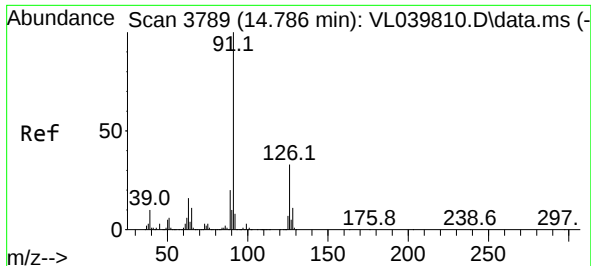
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#70
n-Butylbenzene
Concen: 7.939 ppbv
RT: 17.867 min Scan# 4747
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

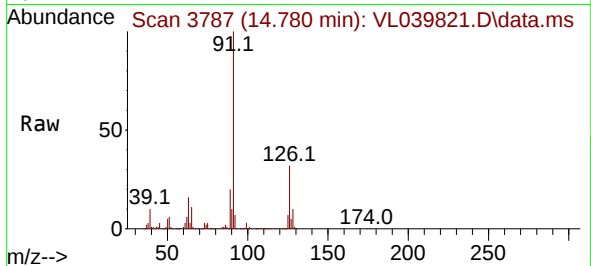
Tgt Ion: 91 Resp: 3497765
Ion Ratio Lower Upper
91 100
92 54.3 44.1 66.1
134 23.3 19.0 28.6





#71
2-Chlorotoluene
Concen: 7.913 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

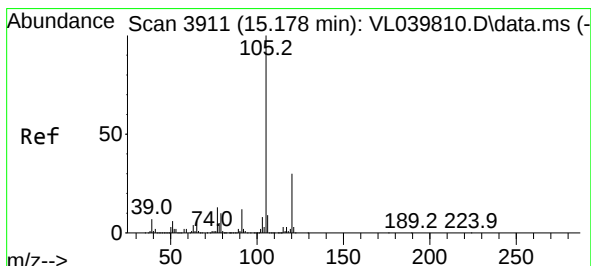
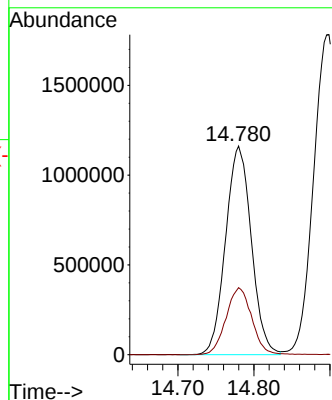
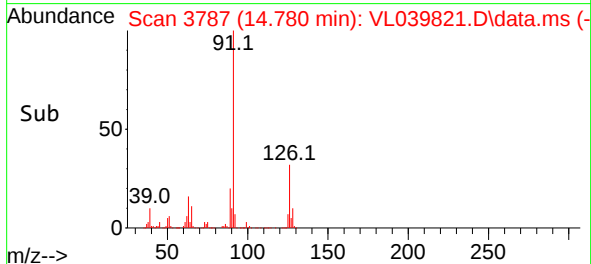
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



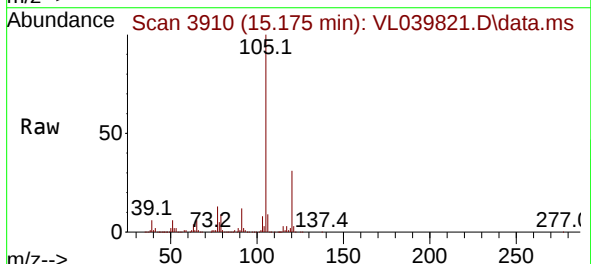
Tgt Ion: 91 Resp: 273318
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5

Manual Integrations
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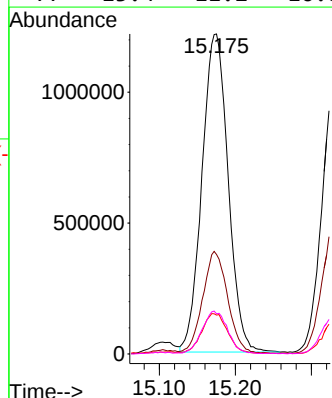
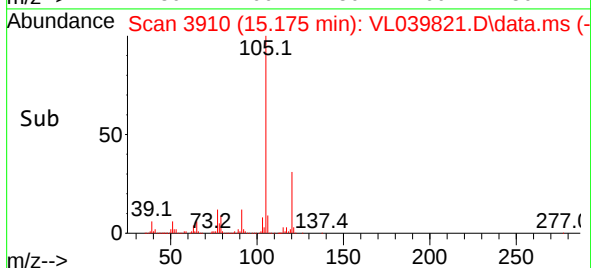
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

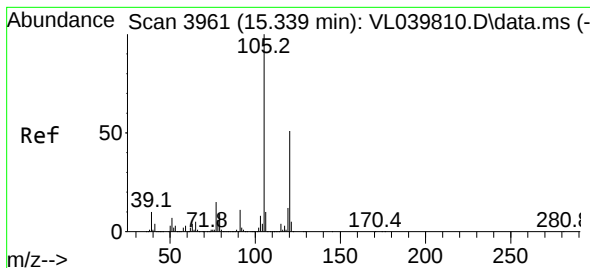


#72
4-Ethyltoluene
Concen: 8.188 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



Tgt Ion:105 Resp: 2905710
Ion Ratio Lower Upper
105 100
120 31.3 26.0 39.0
91 13.3 10.5 15.7
77 13.4 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 8.099 ppbv

RT: 15.330 min Scan# 3961

Delta R.T. -0.010 min

Lab File: VL039821.D

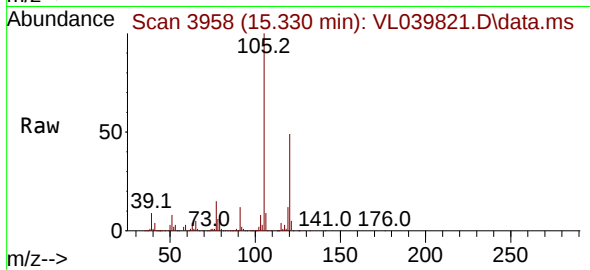
Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01



Tgt Ion:105 Resp: 2547780

Ion Ratio Lower Upper

105 100

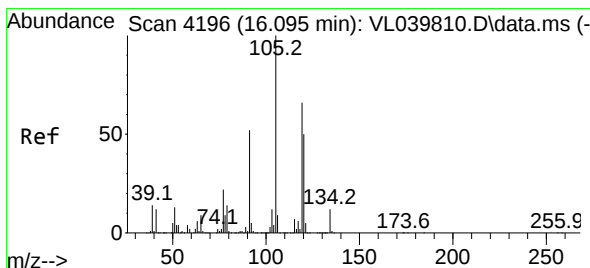
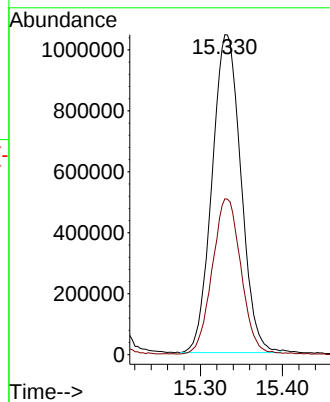
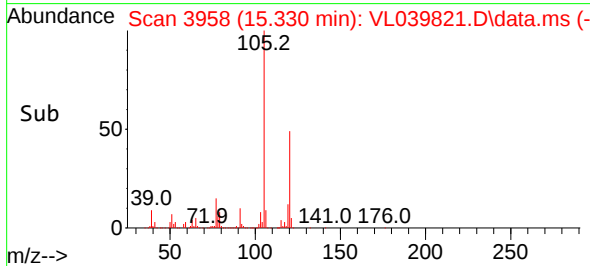
120 48.8 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#74

1,2,4-Trimethylbenzene

Concen: 7.910 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.003 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

Tgt Ion:105 Resp: 2643789

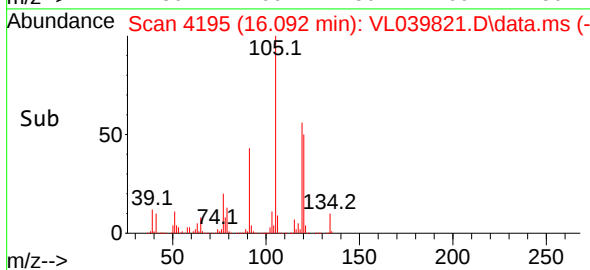
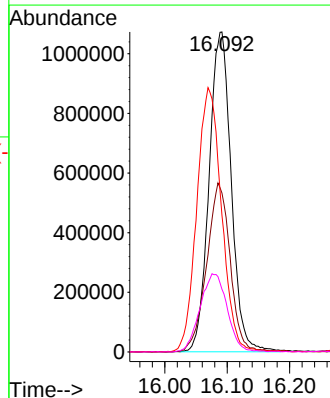
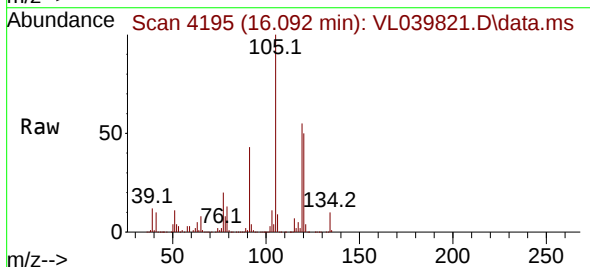
Ion Ratio Lower Upper

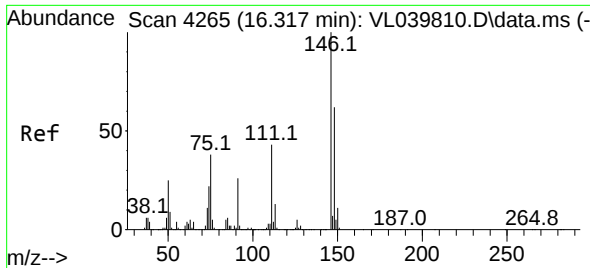
105 100

120 49.4 40.2 60.4

91 42.4 42.6 64.0#

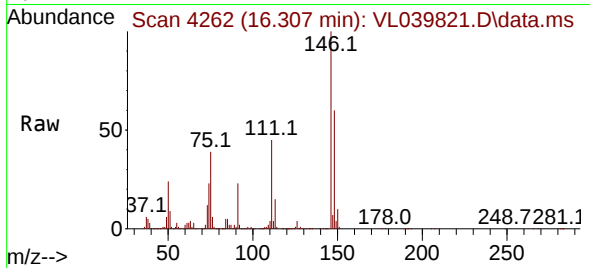
77 19.5 17.8 26.8





#75
1,3-Dichlorobenzene
Concen: 7.785 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

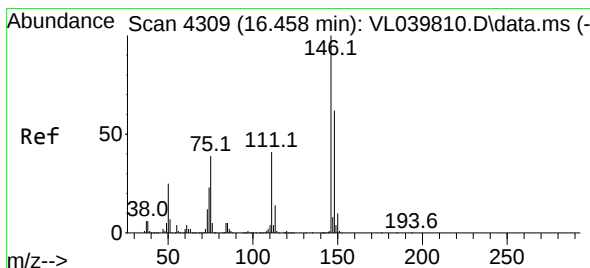
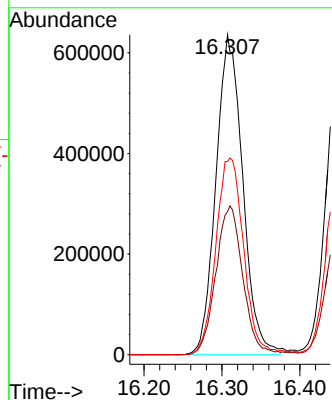
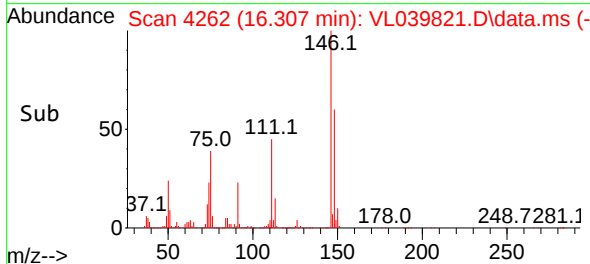
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



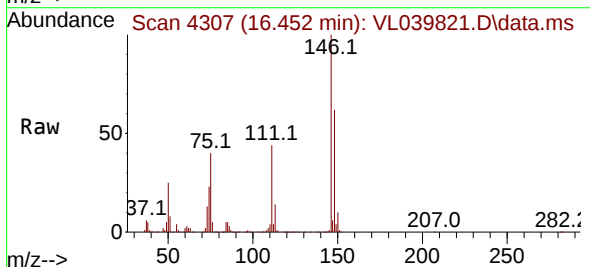
Tgt Ion:146 Resp: 151921
Ion Ratio Lower Upper
146 100
111 47.1 22.9 68.8
148 64.2 32.3 96.9

Manual Integrations
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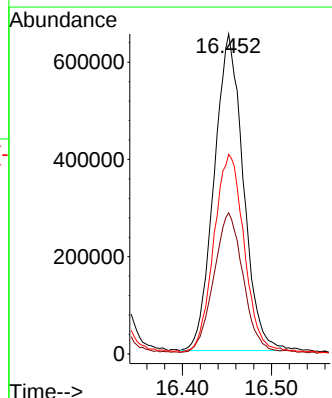
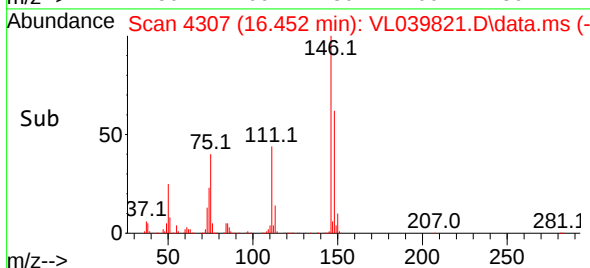
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

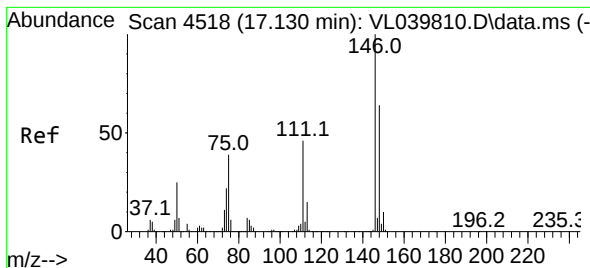


#76
1,4-Dichlorobenzene
Concen: 7.719 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.006 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



Tgt Ion:146 Resp: 1478162
Ion Ratio Lower Upper
146 100
111 46.7 22.7 68.1
148 67.2 33.1 99.3





#77

1,2-Dichlorobenzene

Concen: 7.728 ppbv

RT: 17.121 min Scan# 4518

Delta R.T. -0.010 min

Lab File: VL039821.D

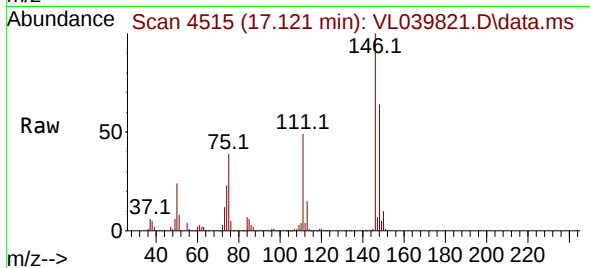
Acq: 3 Nov 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABS01



Tgt Ion:146 Resp: 142175

Ion Ratio Lower Upper

146 100

111 48.9 23.9 71.8

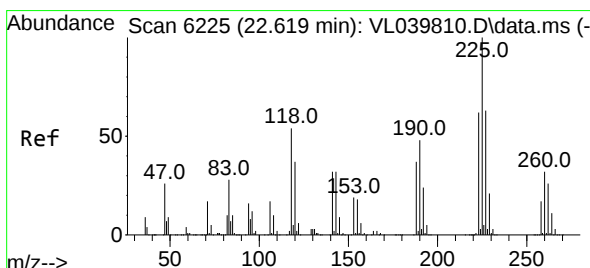
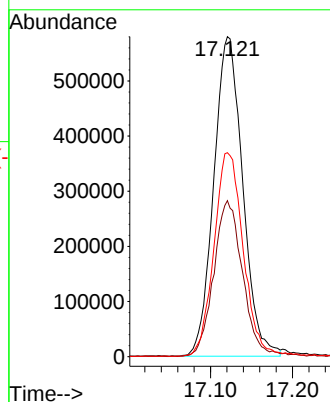
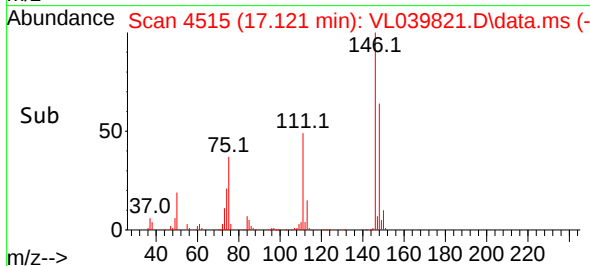
148 65.0 32.4 97.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.321 ppbv

RT: 22.609 min Scan# 6222

Delta R.T. -0.010 min

Lab File: VL039821.D

Acq: 3 Nov 2022 11:47

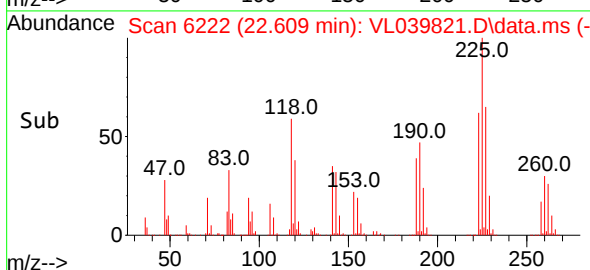
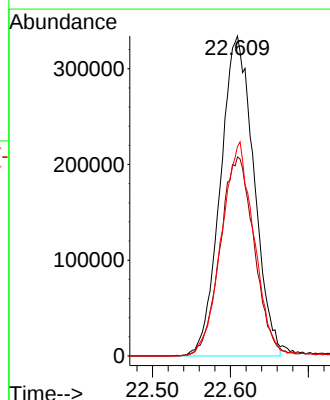
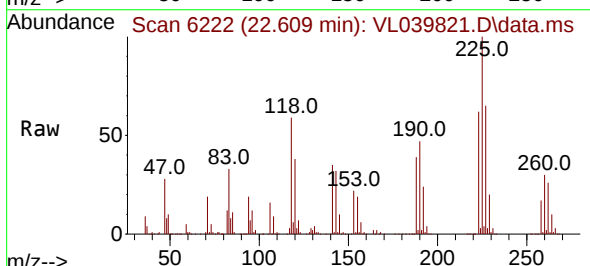
Tgt Ion:225 Resp: 997839

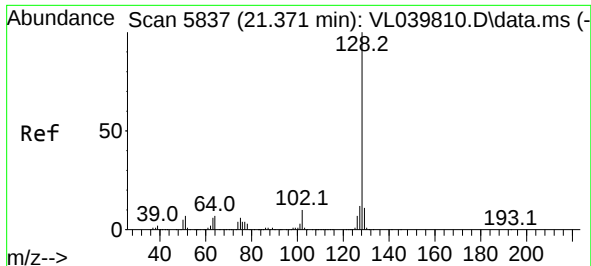
Ion Ratio Lower Upper

225 100

223 64.6 50.6 75.8

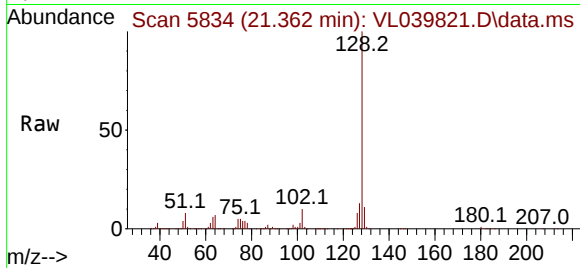
227 66.0 51.6 77.4





#79
Naphthalene
Concen: 9.188 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

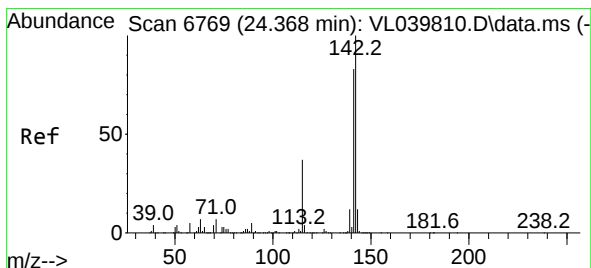
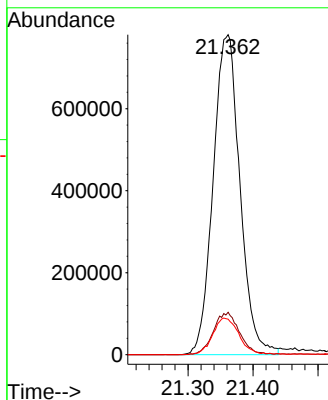
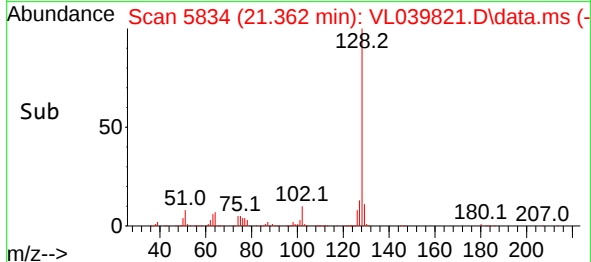
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



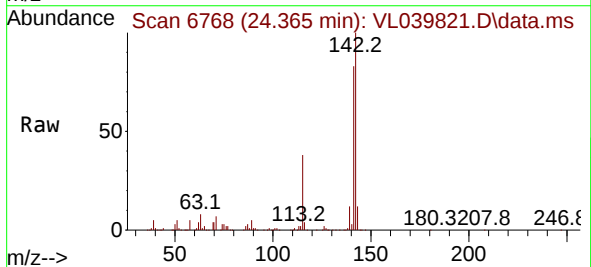
Tgt Ion:128 Resp: 223268
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 11.1 8.6 13.0

Manual Integrations
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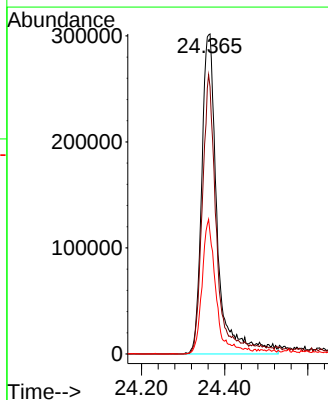
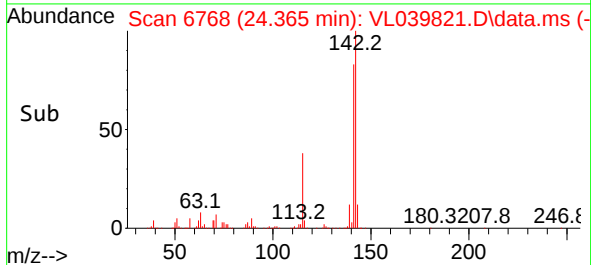
Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

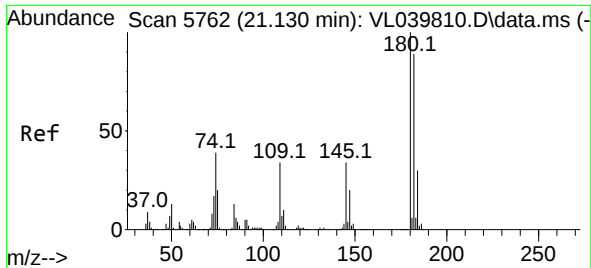


#80
Naphthalene,2-methyl-
Concen: 7.621 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47



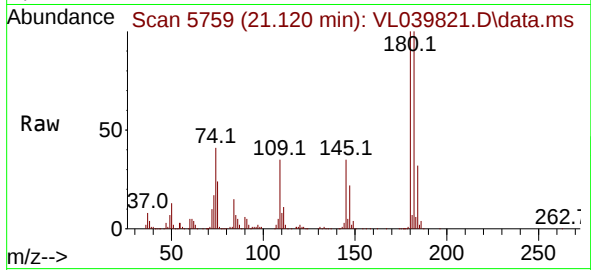
Tgt Ion:142 Resp: 785125
Ion Ratio Lower Upper
142 100
141 81.8 65.1 97.7
115 38.8 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 8.469 ppbv
RT: 21.120 min Scan# 511
Delta R.T. -0.010 min
Lab File: VL039821.D
Acq: 3 Nov 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VL1103ABS01



Tgt Ion:180 Resp: 1151169
Ion Ratio Lower Upper
180 100
182 97.1 78.1 117.1
184 30.6 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

