

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039755.D
 Acq On : 21 Oct 2022 22:40
 Operator : SY/AP
 Sample : VL1021ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:39:09 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.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	871582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2659394	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2508309	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1807173 10.149 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.867	85	1338244	9.169	ppbv	97
3) Chlorodifluoromethane	2.681	51	20171	0.182	ppbv	97
4) Chloromethane	2.825	50	57409	0.826	ppbv	97
5) Vinyl Chloride	2.931	62	54223	0.994	ppbv	92
6) Bromomethane	3.127	94	198752	9.839	ppbv	99
7) Chloroethane	3.208	64	207894	10.284	ppbv #	84
8) Dichlorotetrafluoroethane	2.867	85	1338244	9.883	ppbv	97
9) Propene	2.700	41	8072	0.159	ppbv	87
10) Heptane	7.577	43	1314916	11.175	ppbv	98
11) Trichlorofluoromethane	3.574	101	1392020	10.246	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	1046651	9.577	ppbv	98
13) Ethanol	3.266	45	33349m	9.653	ppbv	
14) Bromoethene	3.375	108	422593	10.151	ppbv	98
15) Acetone	3.484	43	1037450	9.859	ppbv	99
16) 1,3-Butadiene	2.992	39	183554	3.475	ppbv	91
17) tert-Butyl alcohol	3.889	59	955736	10.690	ppbv	99
18) 1,1-Dichloroethene	3.889	96	474914	10.127	ppbv	97
19) Isopropyl Alcohol	3.590	45	560848	10.913	ppbv	99
20) Methylene Chloride	3.941	84	400934	9.476	ppbv	98
21) Allyl Chloride	4.008	41	772317	10.633	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	488916	10.268	ppbv	96
23) Vinyl Acetate	4.632	43	418950	9.435	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1024977	10.124	ppbv	99
25) Ethyl Acetate	5.211	43	2017372	9.568	ppbv	99
26) Hexane	5.214	57	820456	9.555	ppbv	98
27) Carbon Disulfide	4.134	76	1168135	10.864	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	800691	9.833	ppbv	100
29) Chloroform	5.278	83	1181677	8.585	ppbv	98
30) Cyclohexane	6.600	84	792693	10.981	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	798045	10.364	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1382174	11.577	ppbv	99
34) 2-Butanone	4.793	43	1174833	9.577	ppbv	99
35) Carbon Tetrachloride	6.494	117	1494041	10.840	ppbv	97
36) Benzene	6.372	78	2007959	10.005	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1081234	10.001	ppbv	100
38) Trichloroethene	7.288	130	1189876	11.053	ppbv	93
39) 1,2-Dichloropropane	7.073	63	764266	9.927	ppbv	97
40) 1,4-Dioxane	7.291	88	254771	8.639	ppbv #	86
41) Tetrahydrofuran	5.561	42	819357	10.418	ppbv	99
42) Bromodichloromethane	7.246	83	1598287	10.765	ppbv	99
43) Methyl Methacrylate	7.475	69	787562	10.908	ppbv	100
44) 2,2,4-Trimethylpentane	7.323	57	3424249	10.069	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	725155	12.134	ppbv	95

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Instrument :
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 ClientSampleId :
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Quant Time: Oct 22 02:39:09 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

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

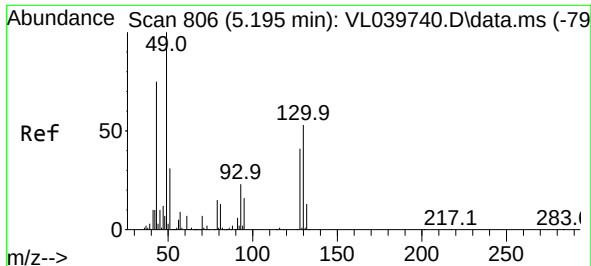
Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1001759	11.833	ppbv	97
47) 1,1,2-Trichloroethane	8.892	97	856785	10.247	ppbv	97
48) Dibromochloromethane	9.703	129	1402403	11.118	ppbv	99
49) Bromoform	12.397	173	1178708	11.608	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2142985	10.715	ppbv	100
51) 2-Hexanone	9.545	43	1675637	11.689	ppbv	99
52) Tetrachloroethene	10.609	164	764150	10.547	ppbv	98
53) Toluene	9.214	91	2382879	10.995	ppbv	100
54) 1,2-Dibromoethane	9.999	107	952256	11.325	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1020987	10.029	ppbv	97
57) Chlorobenzene	11.519	112	1827452	9.930	ppbv	99
58) Ethyl Benzene	12.079	91	3122437	10.778	ppbv	99
59) m/p-Xylene	12.365	91	5359287m	20.930	ppbv	
60) o-Xylene	13.050	91	2571455	10.498	ppbv	98
61) Styrene	12.889	104	1529254	11.933	ppbv	98
62) Isopropylbenzene	14.018	105	3730809	10.226	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	902592	9.642	ppbv	99
64) n-propylbenzene	14.908	120	965674	10.535	ppbv	99
65) tert-Butylbenzene	16.079	119	3259668	10.199	ppbv	100
66) Benzyl Chloride	16.313	91	236591	10.594	ppbv	100
67) sec-Butylbenzene	16.625	105	4566858	10.328	ppbv	100
69) p-Isopropyltoluene	16.985	119	3737320	10.487	ppbv	99
70) n-Butylbenzene	17.873	91	3712058	10.824	ppbv	99
71) 2-Chlorotoluene	14.789	91	2710701	10.441	ppbv	99
72) 4-Ethyltoluene	15.182	105	2981998	10.908	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2665259	10.472	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2903598	10.386	ppbv	93
75) 1,3-Dichlorobenzene	16.320	146	1684838	10.063	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1616607	9.884	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1599994	9.833	ppbv	98
78) Hexachloro-1,3-Butadiene	22.619	225	1041212m	8.856	ppbv	
79) Naphthalene	21.368	128	1944179	11.879	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	680157	13.915	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1130425	10.308	ppbv #	100

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



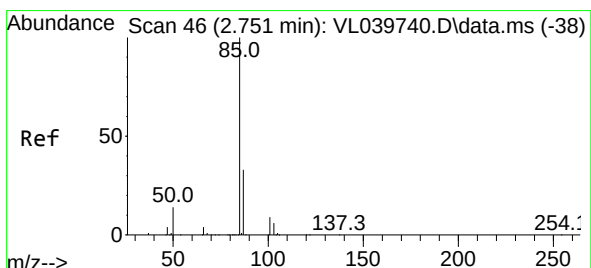
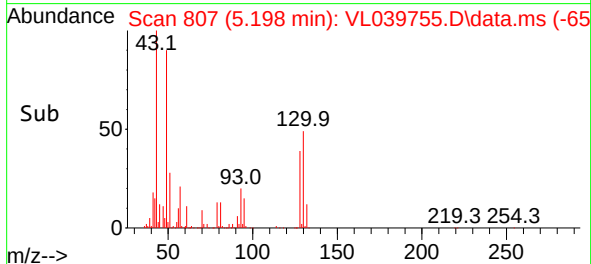
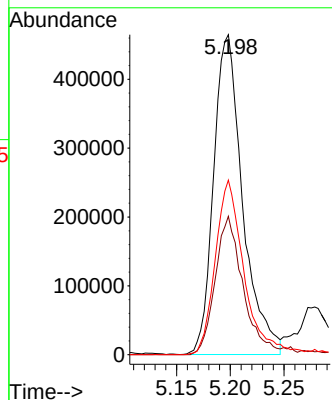
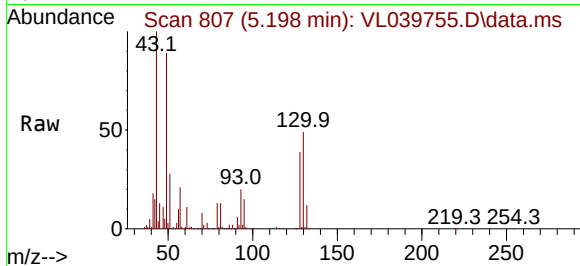
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 49 Resp: 871582
Ion Ratio Lower Upper
49 100
128 43.7 22.6 67.8
130 55.9 29.0 87.0

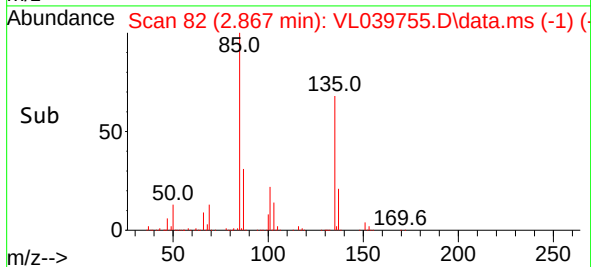
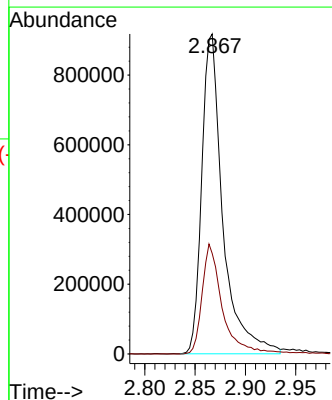
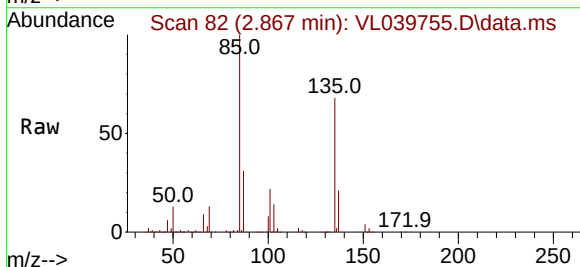
Manual Integrations
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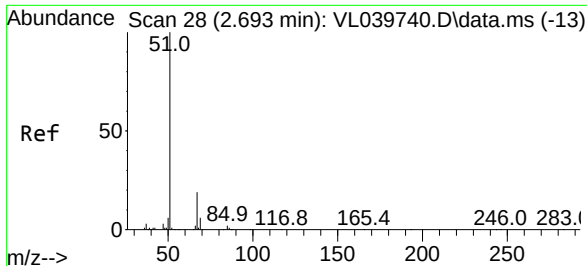
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 9.169 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.116 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 85 Resp: 1338244
Ion Ratio Lower Upper
85 100
87 31.4 26.6 40.0





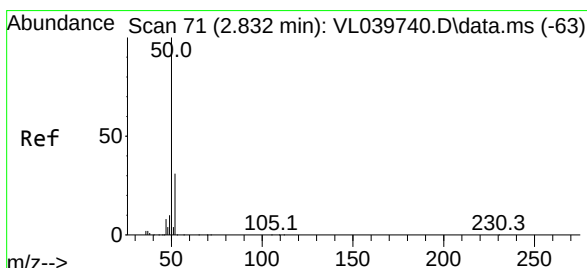
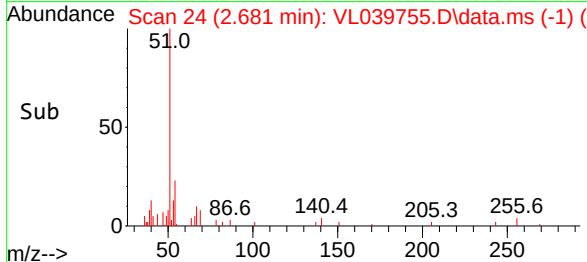
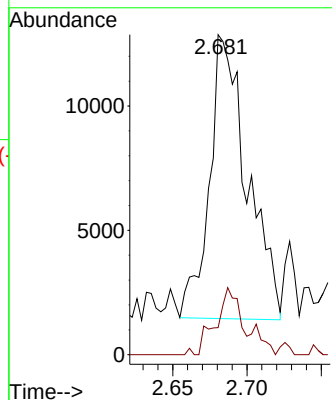
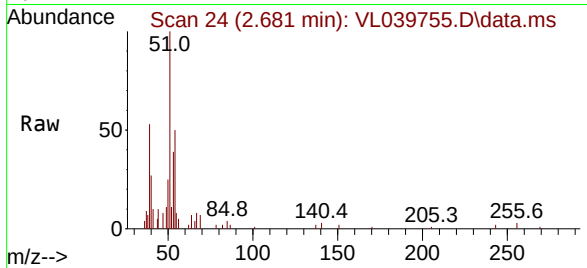
#3
Chlorodifluoromethane
Concen: 0.182 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.013 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 51 Resp: 2017
Ion Ratio Lower Upper
51 100
67 19.4 14.6 21.8

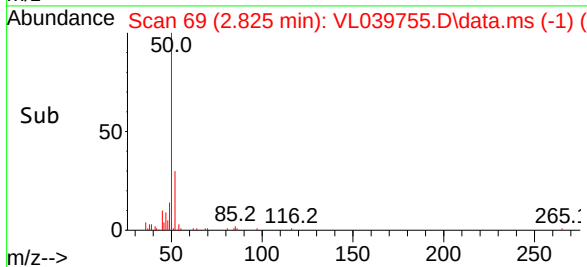
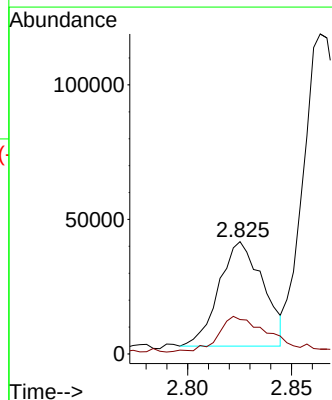
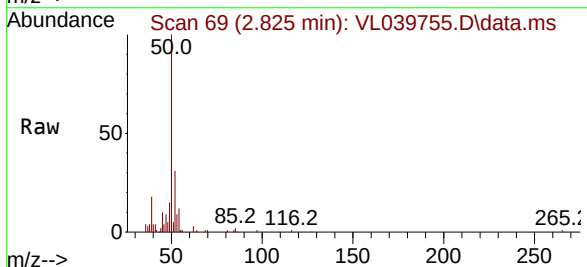
Manual Integrations
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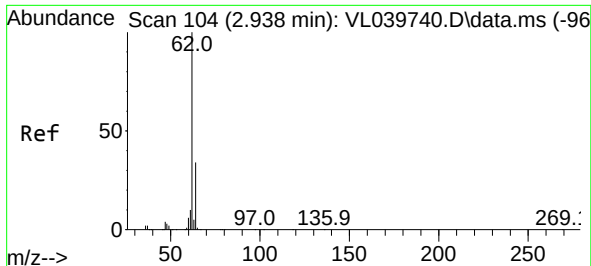
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Chloromethane
Concen: 0.826 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 50 Resp: 57409
Ion Ratio Lower Upper
50 100
52 29.2 24.8 37.2





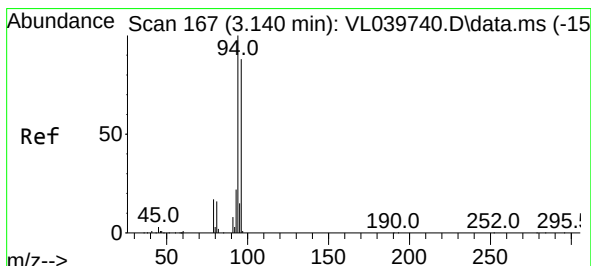
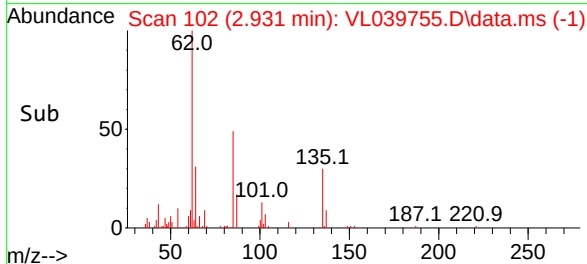
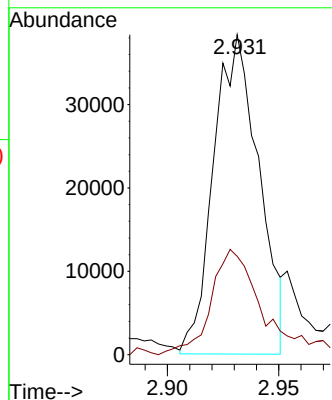
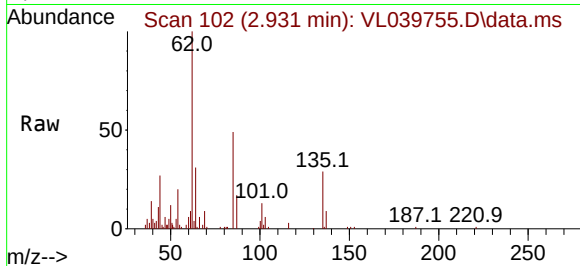
#5
 Vinyl Chloride
 Concen: 0.994 ppbv
 RT: 2.931 min Scan# 104
 Delta R.T. -0.006 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Tgt Ion: 62 Resp: 5422
 Ion Ratio Lower Upper
 62 100
 64 29.3 27.1 40.7

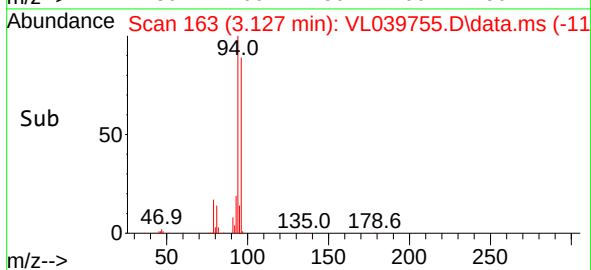
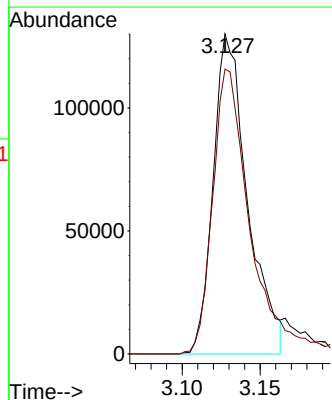
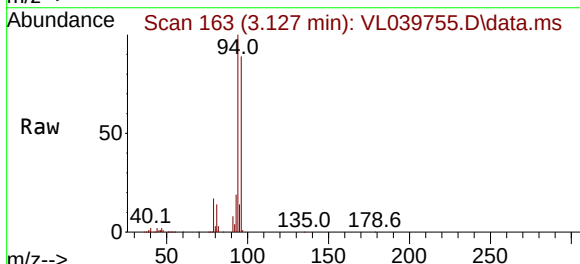
Manual Integrations
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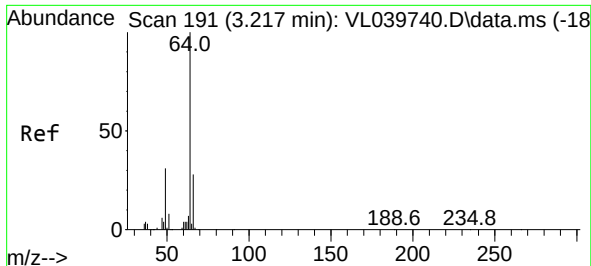
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#6
 Bromomethane
 Concen: 9.839 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. -0.013 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

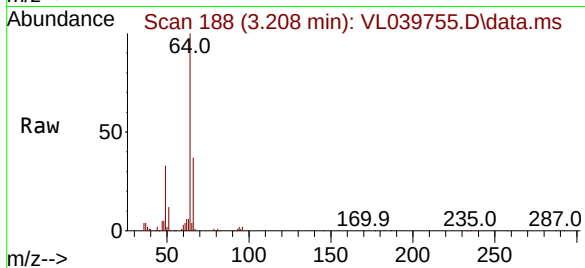
Tgt Ion: 94 Resp: 198752
 Ion Ratio Lower Upper
 94 100
 96 89.0 70.5 105.7





#7
Chloroethane
Concen: 10.284 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

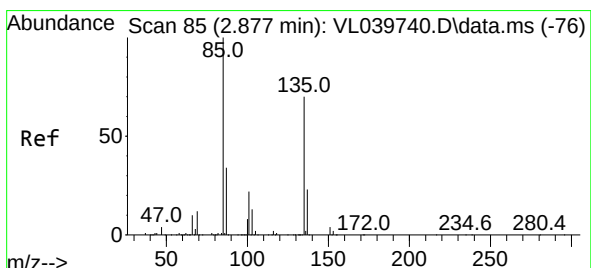
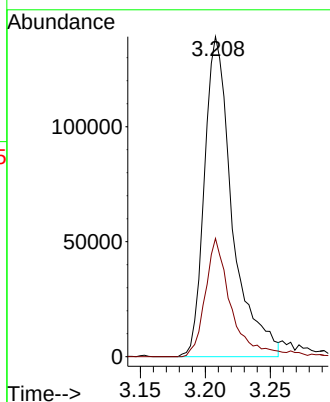
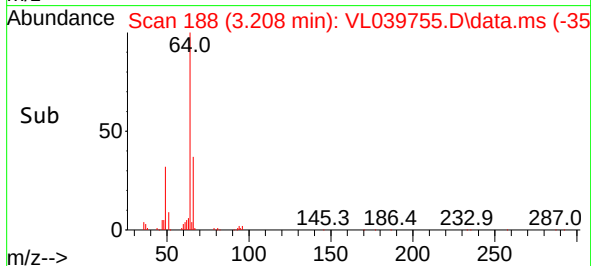
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion: 64 Resp: 207894
Ion Ratio Lower Upper
64 100
66 37.0 22.6 34.0

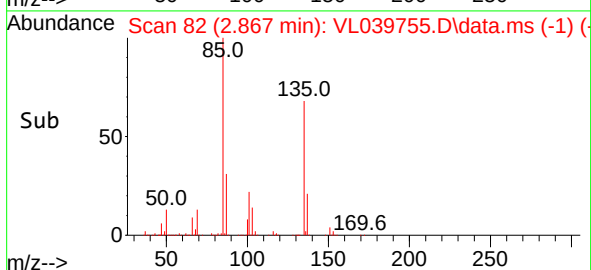
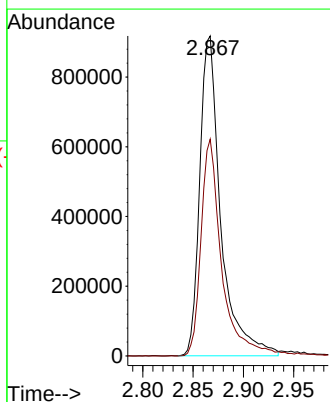
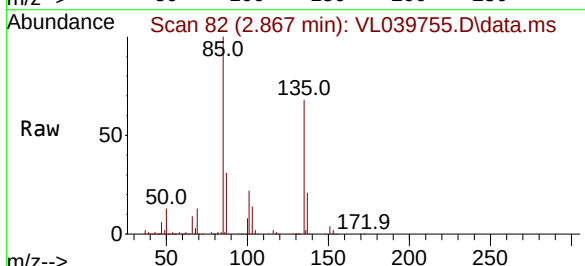
Manual Integrations
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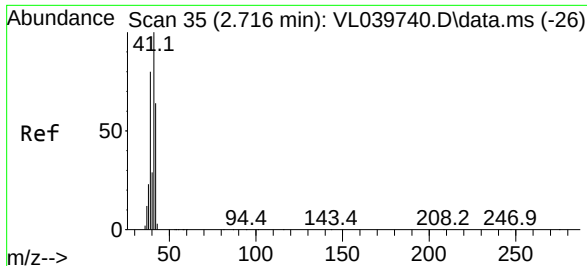
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 9.883 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 85 Resp: 1338244
Ion Ratio Lower Upper
85 100
135 67.6 56.1 84.1





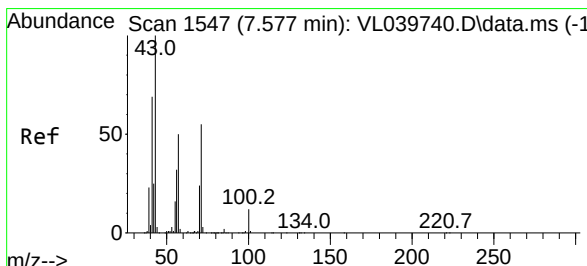
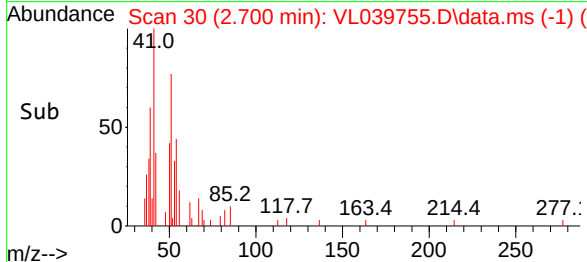
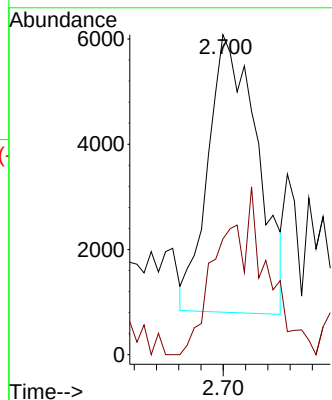
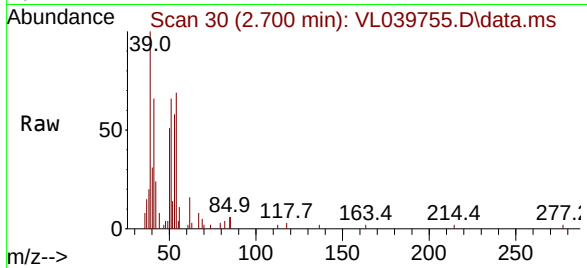
#9
 Propene
 Concen: 0.159 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Tgt Ion: 41 Resp: 807
 Ion Ratio Lower Upper
 41 100
 42 57.8 54.4 81.6

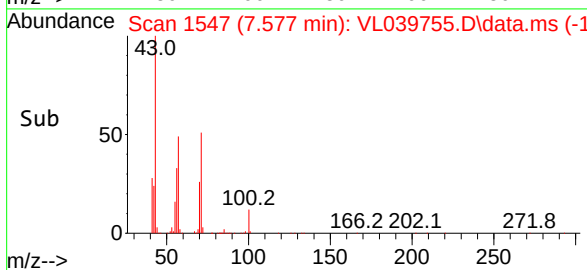
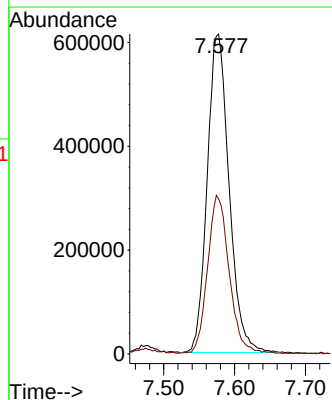
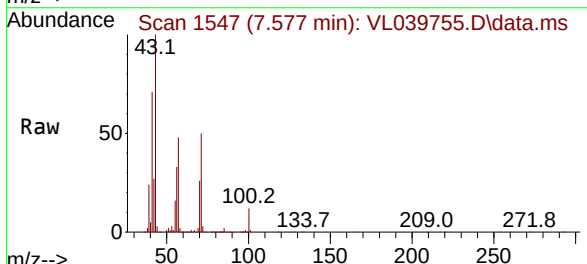
Manual Integrations
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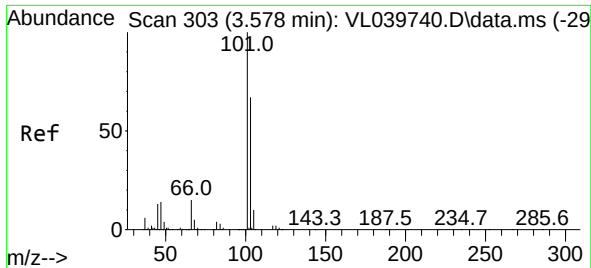
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#10
 Heptane
 Concen: 11.175 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

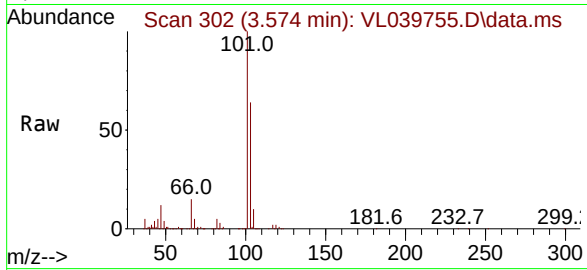
Tgt Ion: 43 Resp: 1314916
 Ion Ratio Lower Upper
 43 100
 57 48.9 40.0 60.0





#11
Trichlorofluoromethane
Concen: 10.246 ppbv
RT: 3.574 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

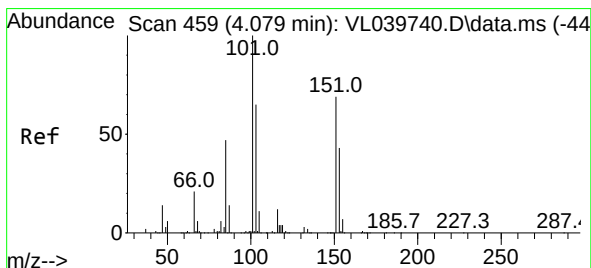
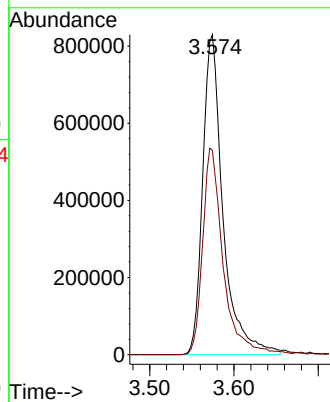
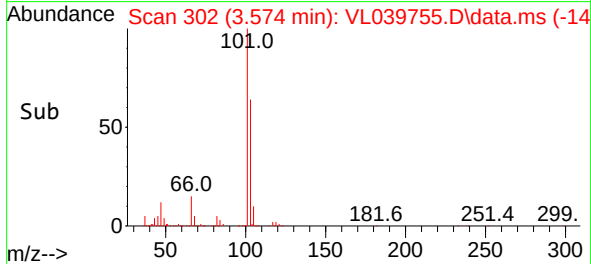
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



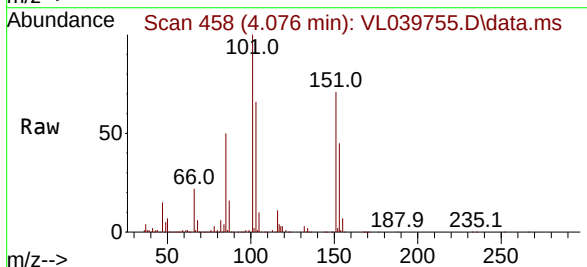
Tgt Ion:101 Resp: 1392020
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

Manual Integrations
APPROVED

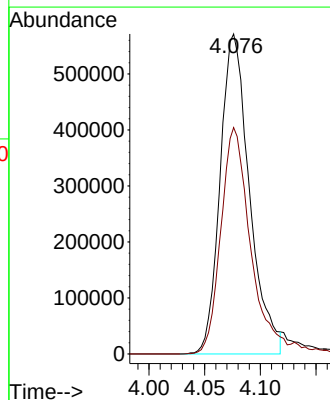
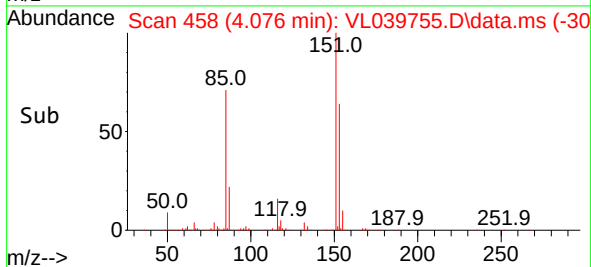
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

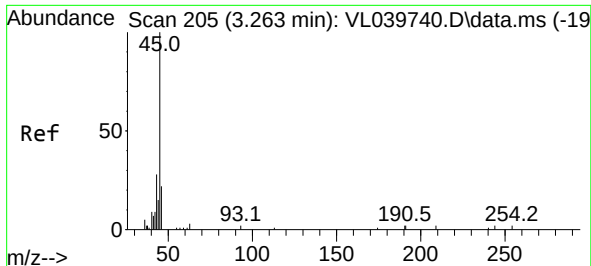


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.577 ppbv
RT: 4.076 min Scan# 458
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



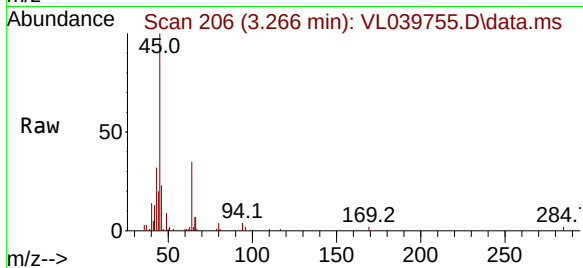
Tgt Ion:101 Resp: 1046651
Ion Ratio Lower Upper
101 100
151 74.4 58.0 87.0





#13
Ethanol
Concen: 9.653 ppbv m
RT: 3.266 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

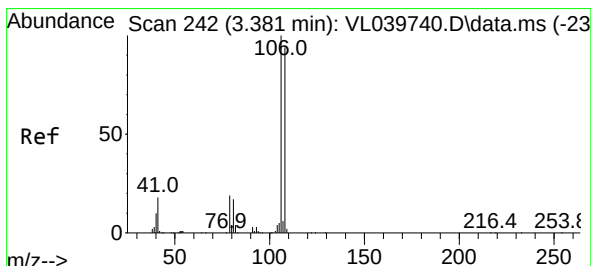
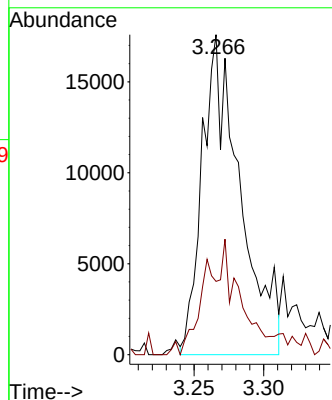
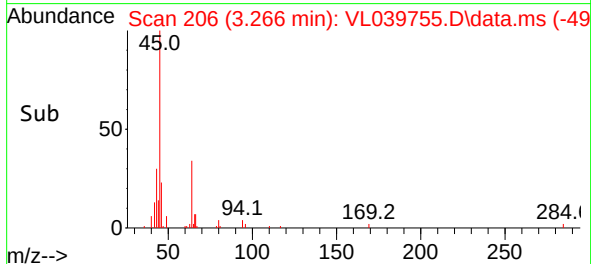
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



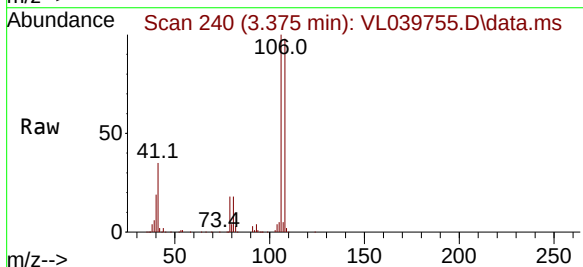
Tgt Ion: 45 Resp: 33349
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2

Manual Integrations
APPROVED

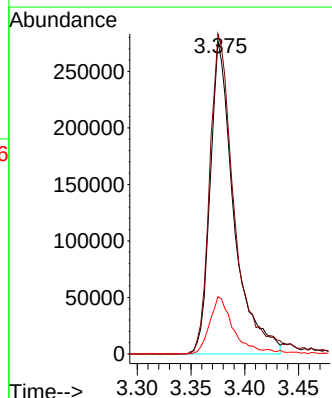
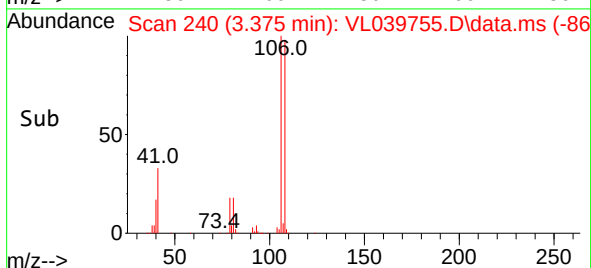
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

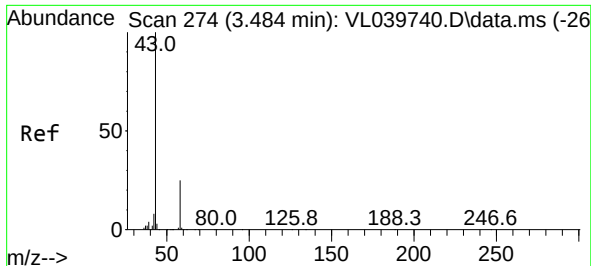


#14
Bromoethene
Concen: 10.151 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



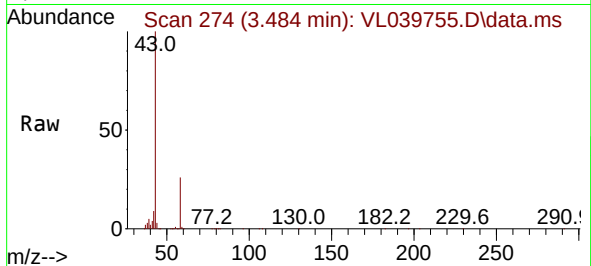
Tgt Ion:108 Resp: 422593
Ion Ratio Lower Upper
108 100
106 110.4 90.2 135.4
79 19.8 16.2 24.2





#15
Acetone
Concen: 9.859 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

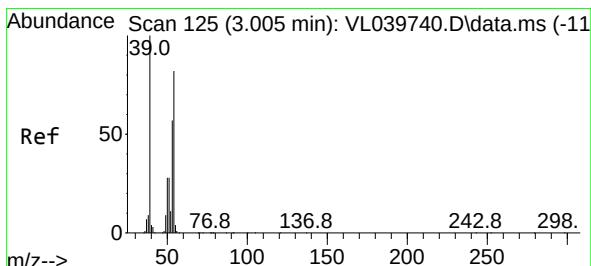
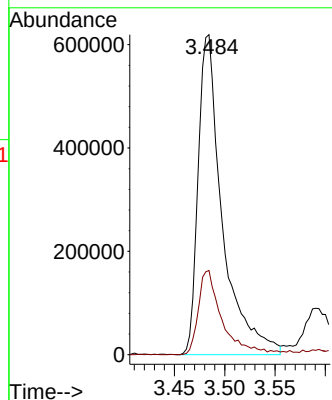
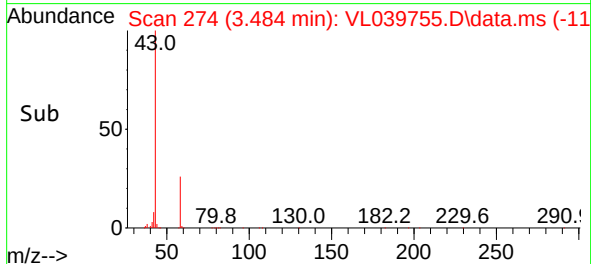
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



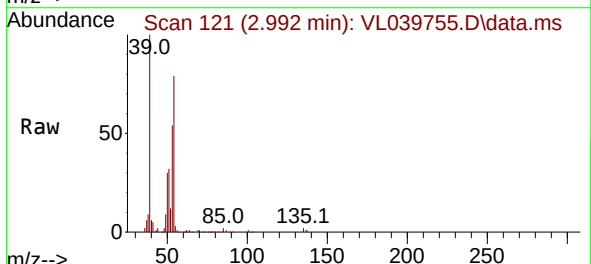
Tgt Ion: 43 Resp: 1037450
Ion Ratio Lower Upper
43 100
58 26.5 20.9 31.3

Manual Integrations
APPROVED

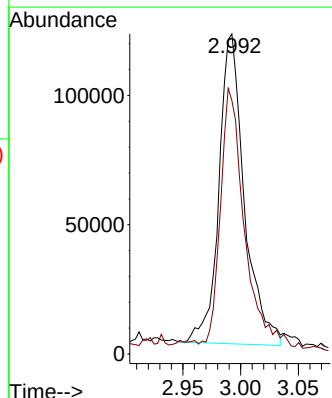
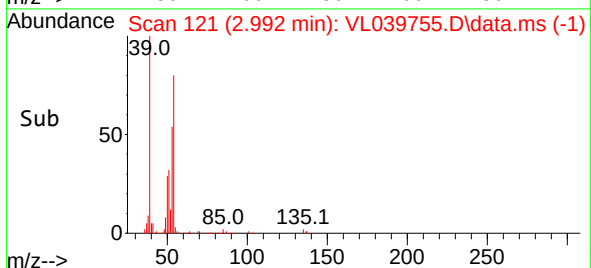
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

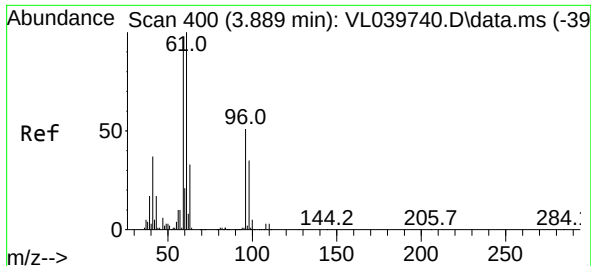


#16
1,3-Butadiene
Concen: 3.475 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.013 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



Tgt Ion: 39 Resp: 183554
Ion Ratio Lower Upper
39 100
54 89.7 65.2 97.8





#17

tert-Butyl alcohol

Concen: 10.690 ppbv

RT: 3.889 min Scan# 400

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 59 Resp: 955730

Ion Ratio Lower Upper

59 100

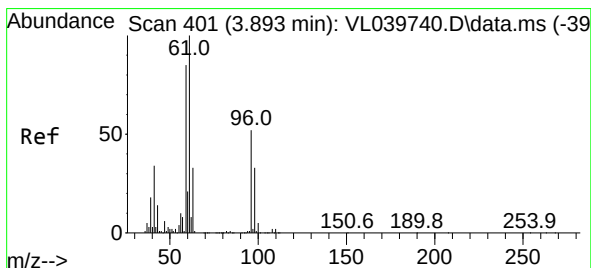
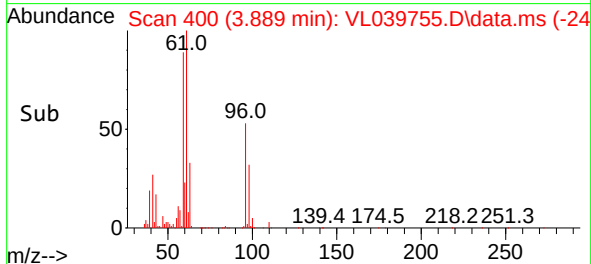
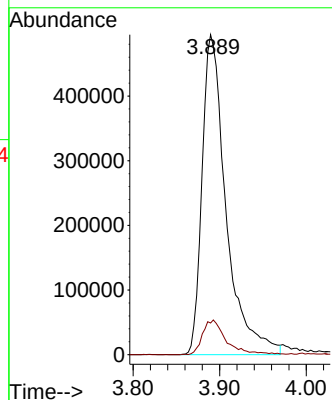
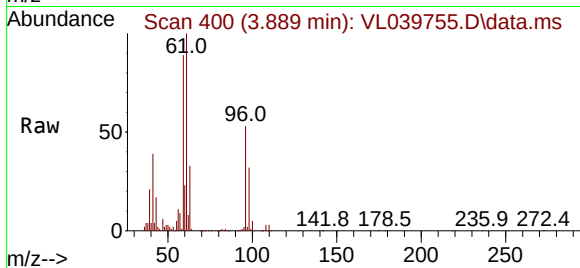
57 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#18

1,1-Dichloroethene

Concen: 10.127 ppbv

RT: 3.889 min Scan# 400

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

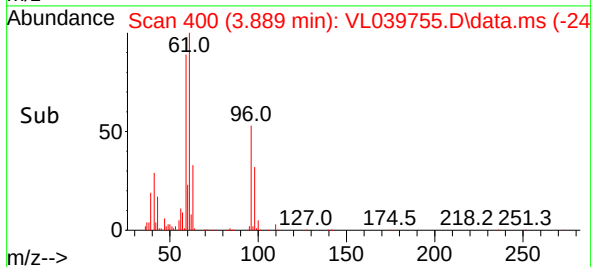
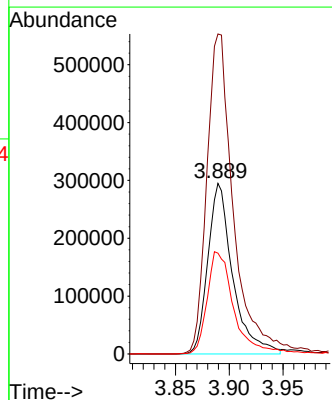
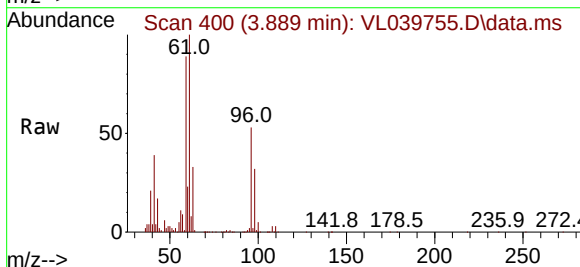
Tgt Ion: 96 Resp: 474914

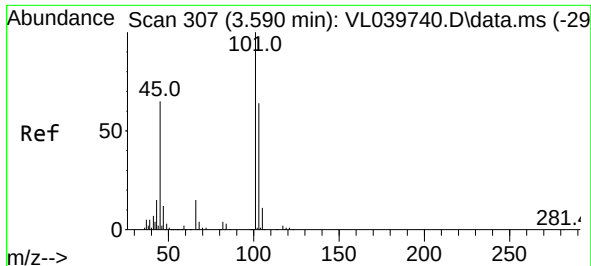
Ion Ratio Lower Upper

96 100

61 187.5 152.7 229.1

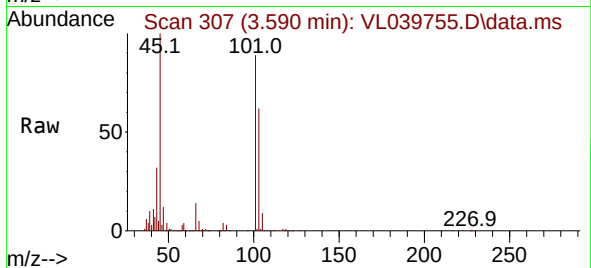
98 59.1 50.2 75.2





#19
Isopropyl Alcohol
Concen: 10.913 ppbv
RT: 3.590 min Scan# 307
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

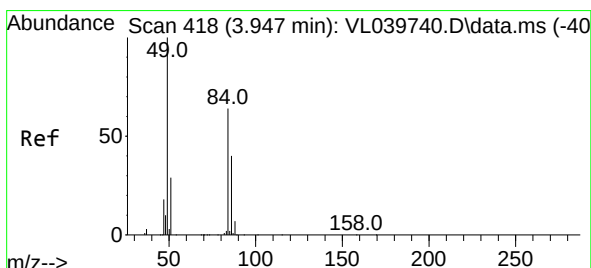
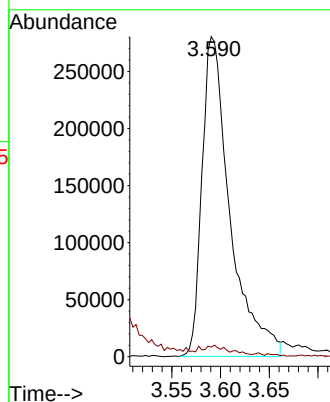
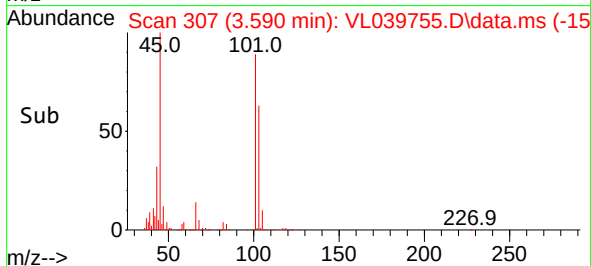
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



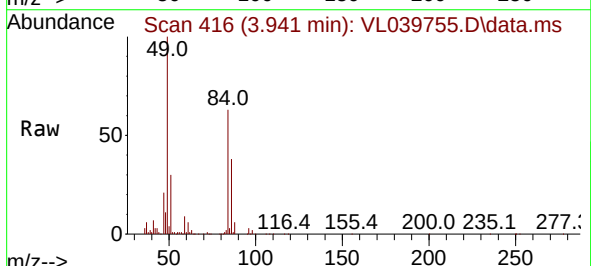
Tgt Ion: 45 Resp: 560848
Ion Ratio Lower Upper
45 100
58 3.8 3.3 4.9

Manual Integrations
APPROVED

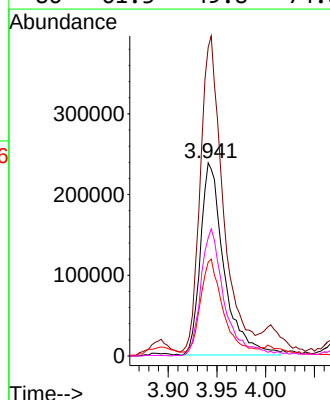
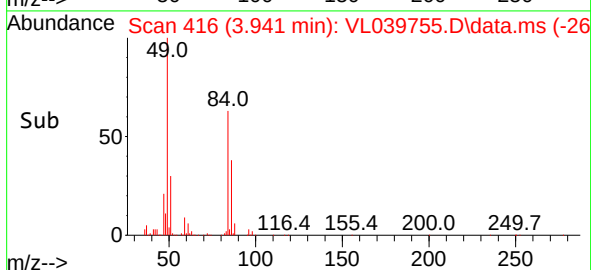
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

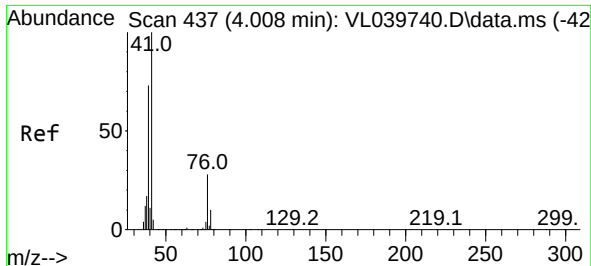


#20
Methylene Chloride
Concen: 9.476 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



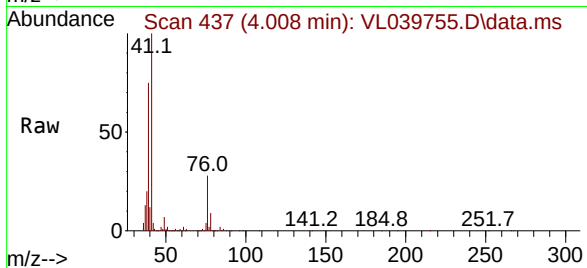
Tgt Ion: 84 Resp: 400934
Ion Ratio Lower Upper
84 100
49 158.6 124.2 186.4
51 46.7 36.6 54.8
86 61.3 49.8 74.8





#21
 Allyl Chloride
 Concen: 10.633 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

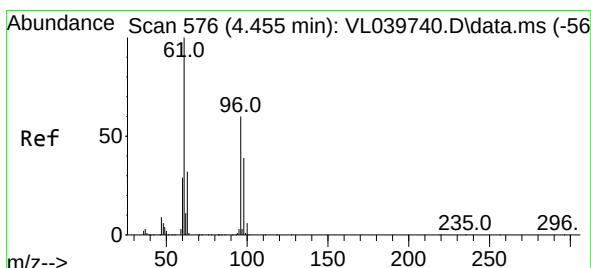
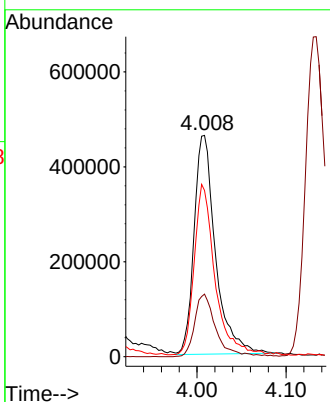
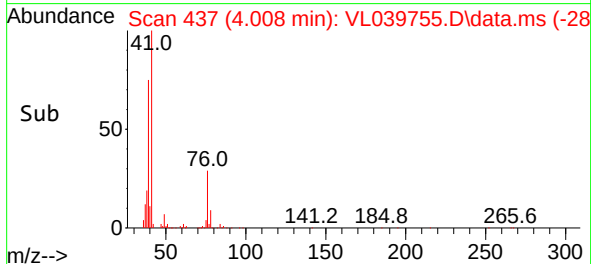
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02



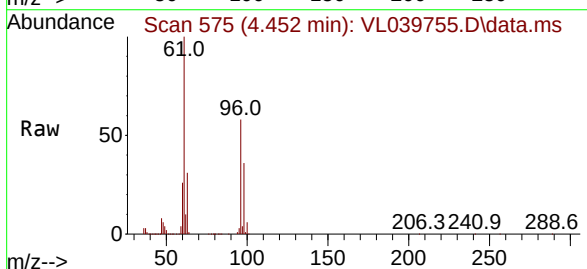
Tgt Ion: 41 Resp: 77231
 Ion Ratio Lower Upper
 41 100
 76 28.4 23.5 35.3
 39 79.3 67.4 101.2

Manual Integrations
 APPROVED

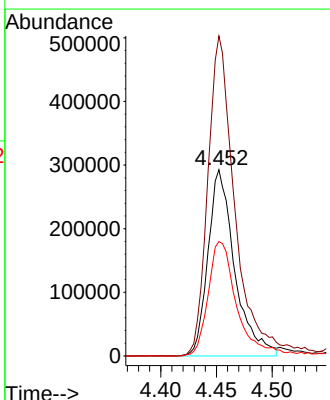
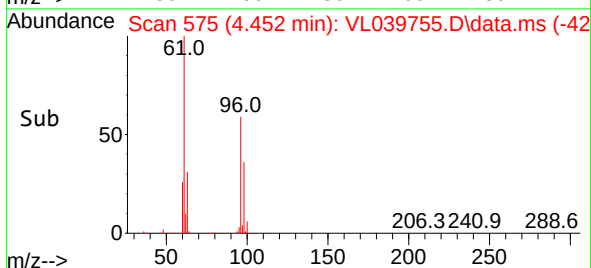
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

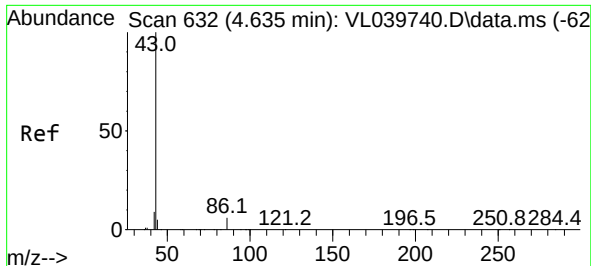


#22
 trans-1,2-Dichloroethene
 Concen: 10.268 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40



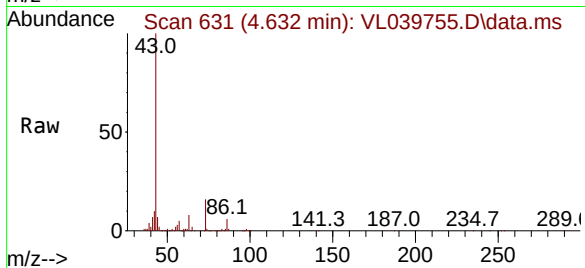
Tgt Ion: 96 Resp: 488916
 Ion Ratio Lower Upper
 96 100
 61 171.9 132.9 199.3
 98 61.4 51.6 77.4





#23
 Vinyl Acetate
 Concen: 9.435 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

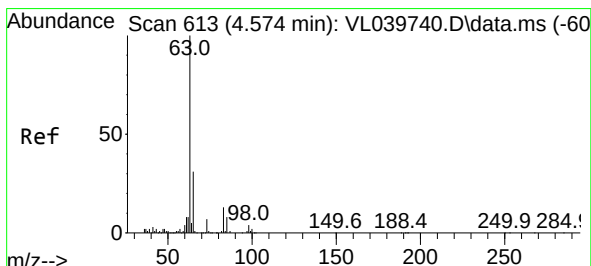
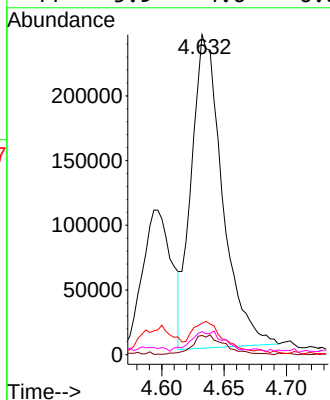
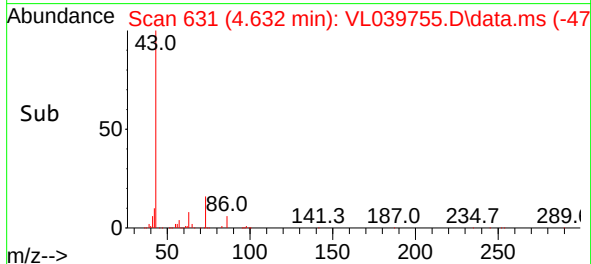
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02



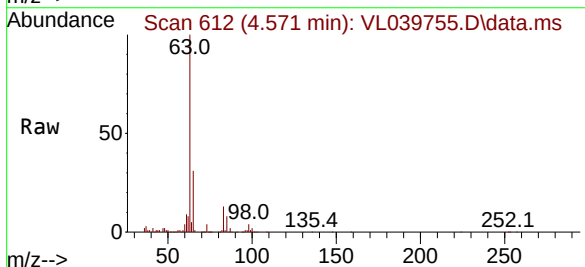
Tgt Ion: 43 Resp: 418950
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.3 6.5
 42 9.4 7.9 11.9
 44 5.9 4.6 6.8

Manual Integrations
 APPROVED

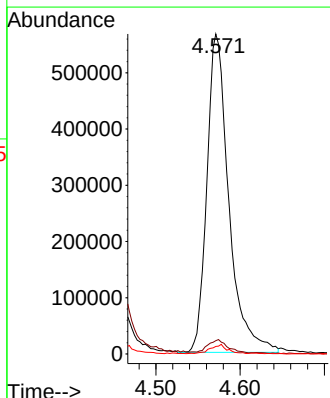
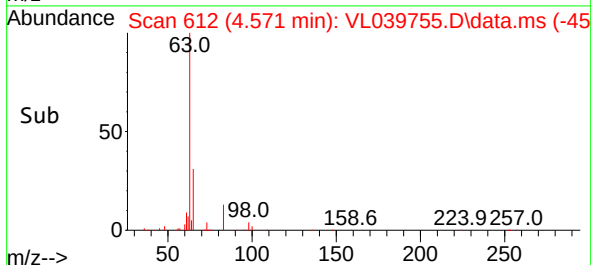
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

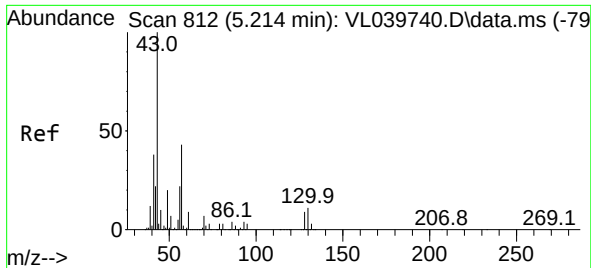


#24
 1,1-Dichloroethane
 Concen: 10.124 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40



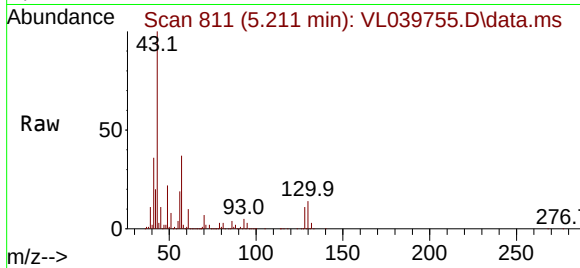
Tgt Ion: 63 Resp: 1024977
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.5
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.568 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

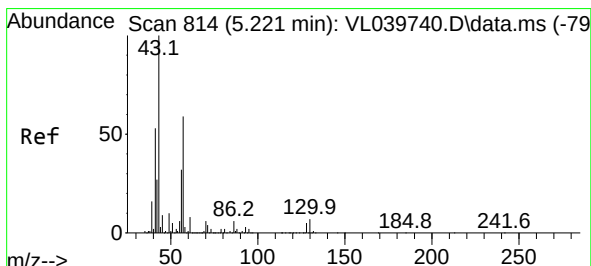
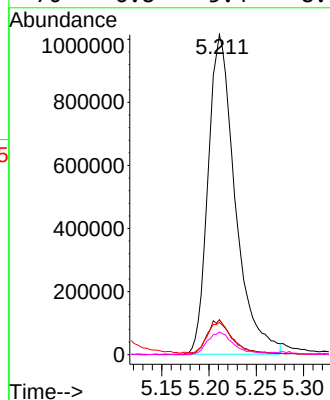
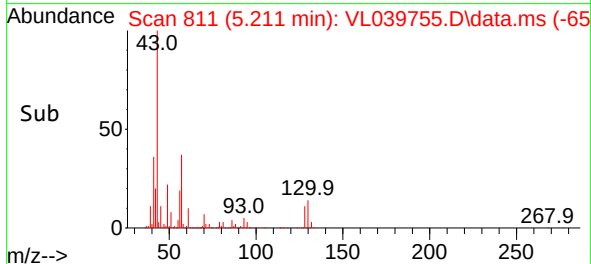
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion: 43 Resp: 2017372
Ion Ratio Lower Upper
43 100
45 10.6 8.1 12.1
61 10.0 7.5 11.3
70 6.8 5.4 8.0

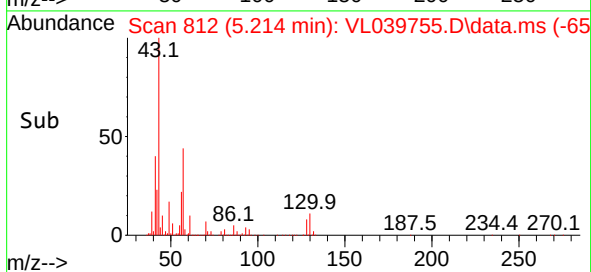
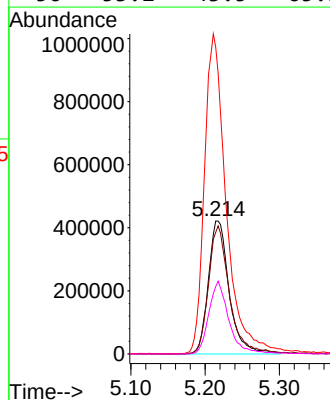
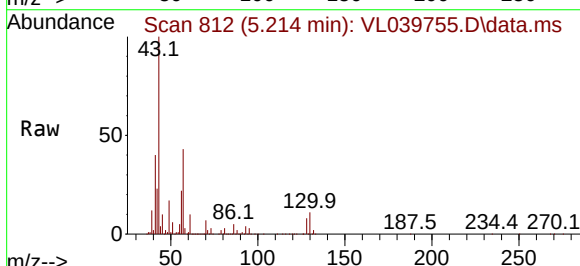
Manual Integrations
APPROVED

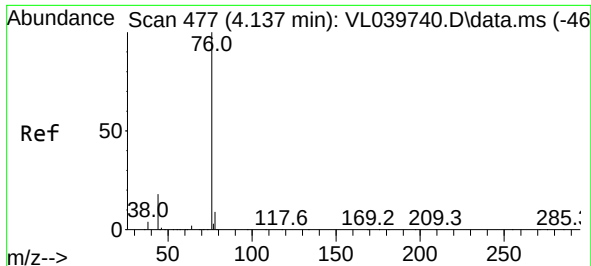
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
Hexane
Concen: 9.555 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

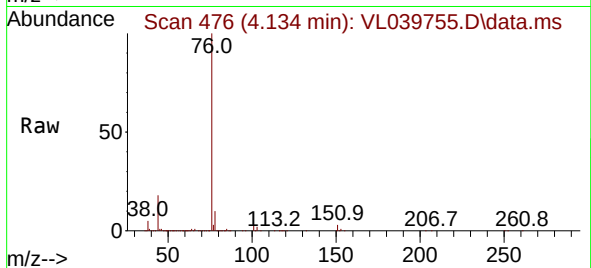
Tgt Ion: 57 Resp: 820456
Ion Ratio Lower Upper
57 100
41 97.6 76.8 115.2
43 255.1 201.0 301.4
56 53.2 43.5 65.3





#27
Carbon Disulfide
Concen: 10.864 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

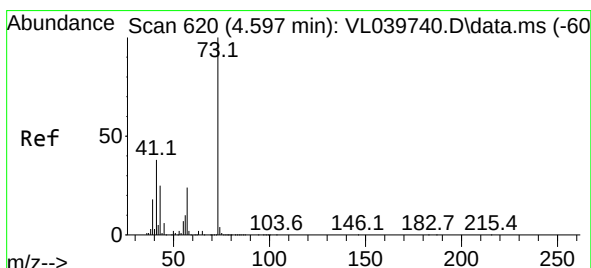
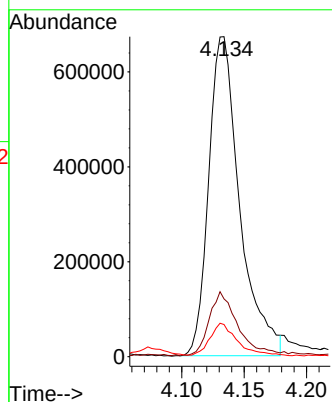
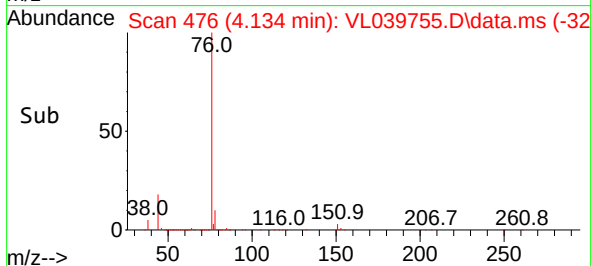
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion: 76 Resp: 116813
Ion Ratio Lower Upper
76 100
44 19.5 14.5 21.7
78 9.8 8.1 12.1

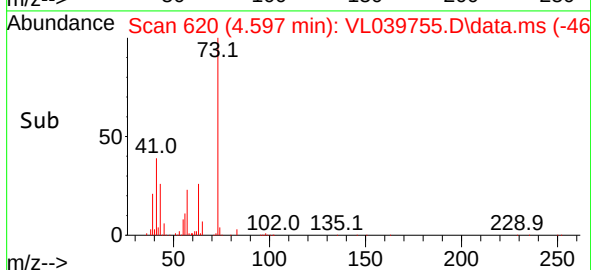
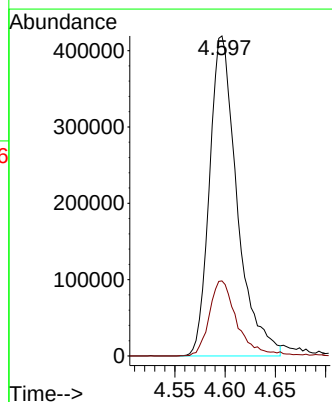
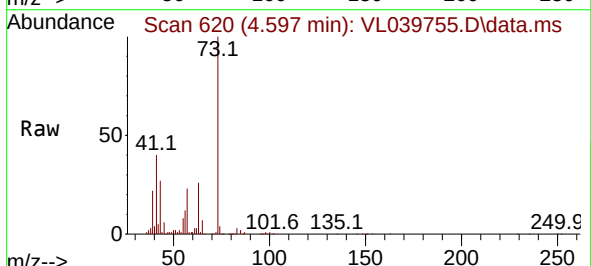
Manual Integrations
APPROVED

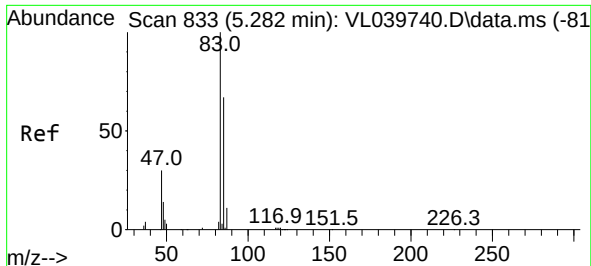
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#28
Methyl tert-Butyl Ether
Concen: 9.833 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 73 Resp: 800691
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.2





#29

Chloroform

Concen: 8.585 ppbv

RT: 5.278 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 83 Resp: 118167

Ion Ratio Lower Upper

83 100

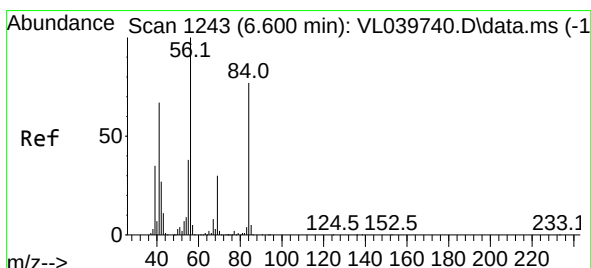
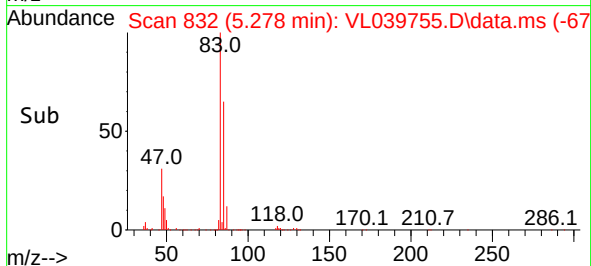
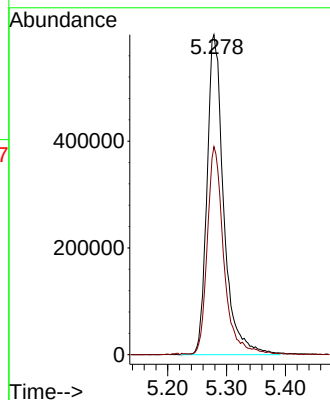
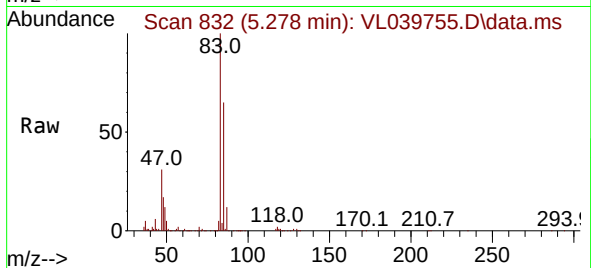
85 65.0 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 10.981 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

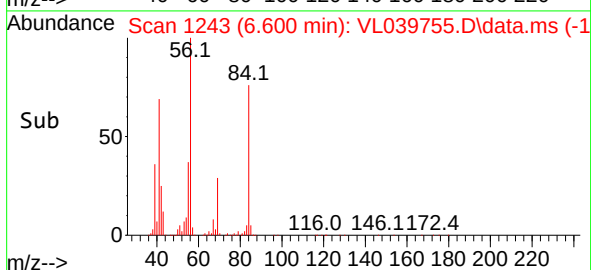
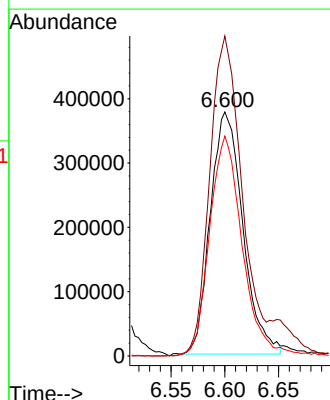
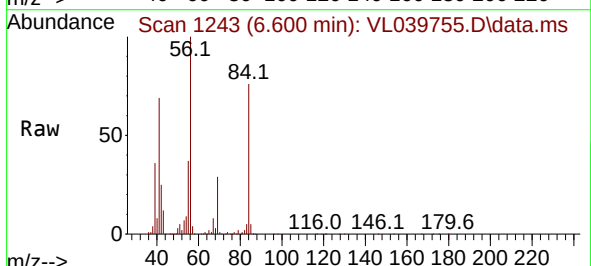
Tgt Ion: 84 Resp: 792693

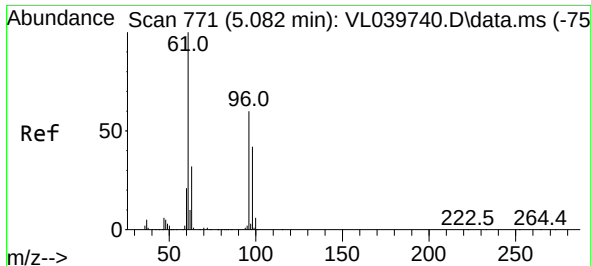
Ion Ratio Lower Upper

84 100

56 142.3 114.2 171.4

41 91.9 74.2 111.2





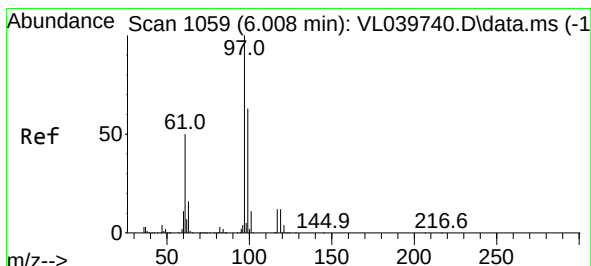
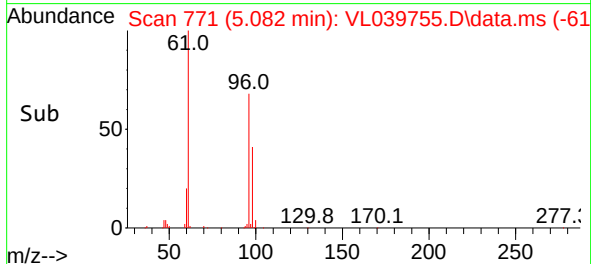
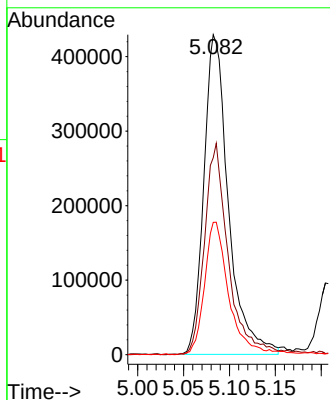
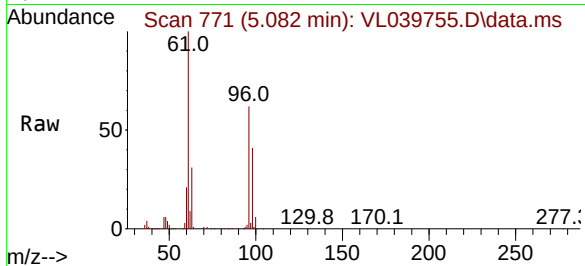
#31
 cis-1,2-Dichloroethene
 Concen: 10.364 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02

Tgt Ion: 61 Resp: 798045
 Ion Ratio Lower Upper
 61 100
 96 61.6 48.3 72.5
 98 41.2 33.2 49.8

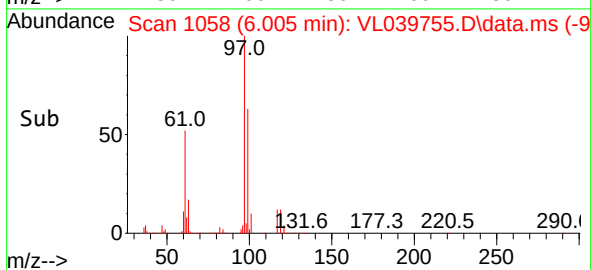
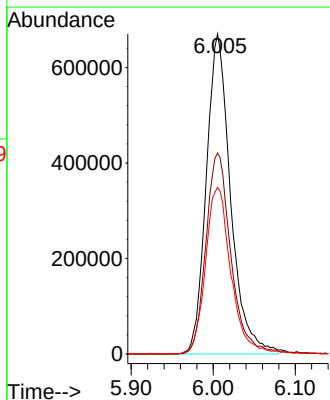
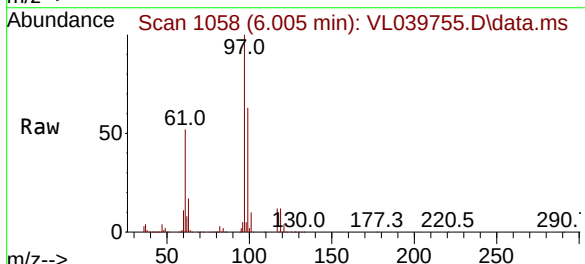
Manual Integrations
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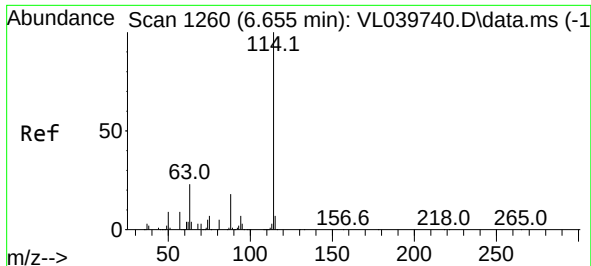
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.577 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

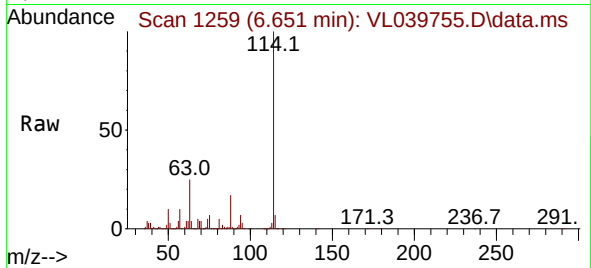
Tgt Ion: 97 Resp: 1382174
 Ion Ratio Lower Upper
 97 100
 99 65.2 53.0 79.4
 61 54.4 43.3 64.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

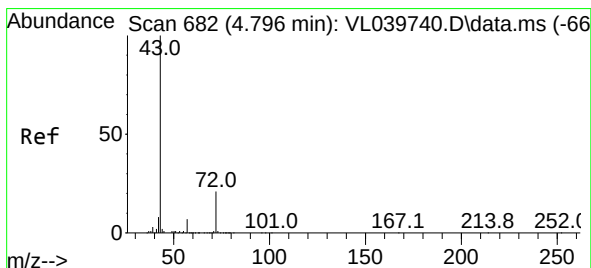
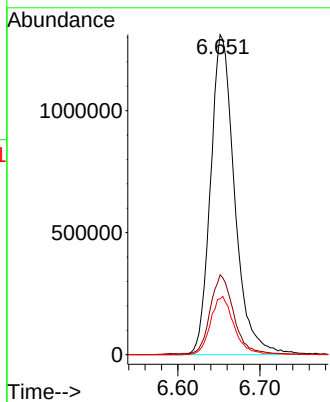
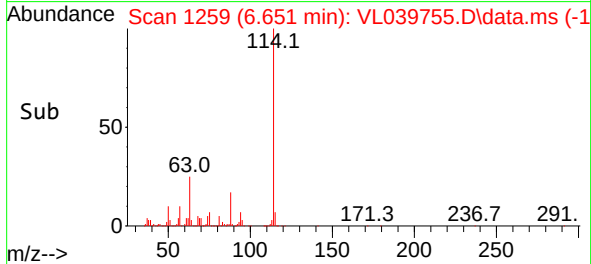
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion:114 Resp: 2659394
Ion Ratio Lower Upper
114 100
63 25.3 19.8 29.6
88 18.1 14.2 21.4

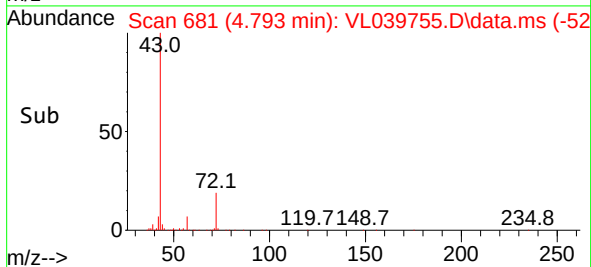
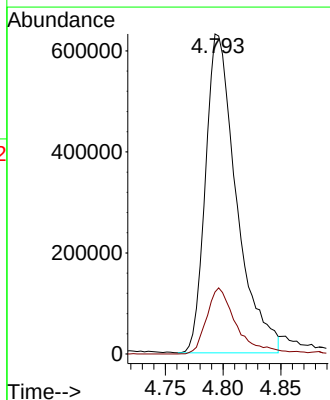
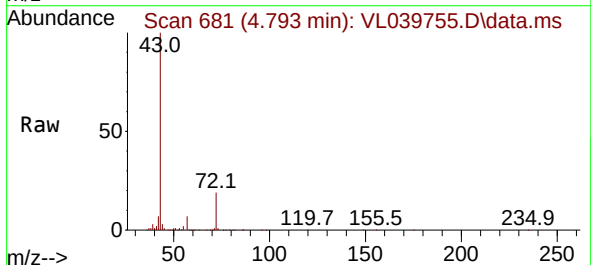
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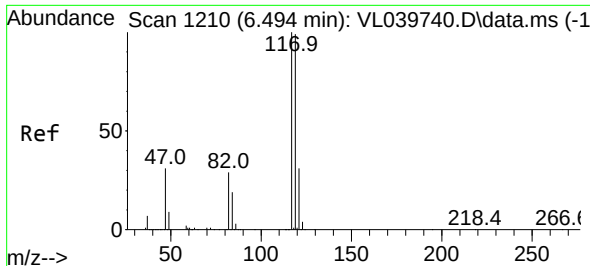
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#34
2-Butanone
Concen: 9.577 ppbv
RT: 4.793 min Scan# 681
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

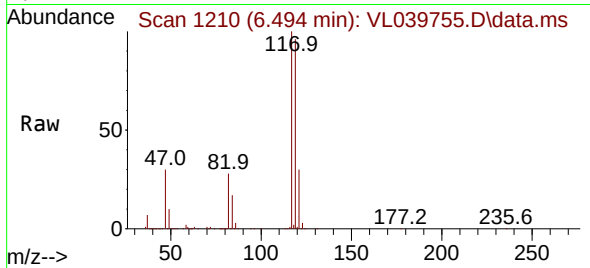
Tgt Ion: 43 Resp: 1174833
Ion Ratio Lower Upper
43 100
72 20.9 17.1 25.7





#35
Carbon Tetrachloride
Concen: 10.840 ppbv
RT: 6.494 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

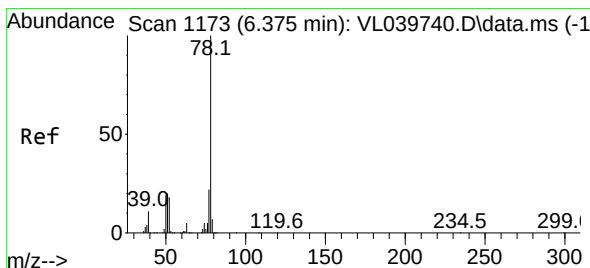
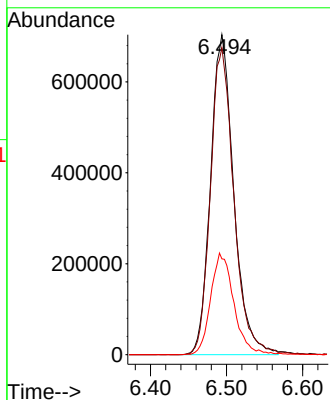
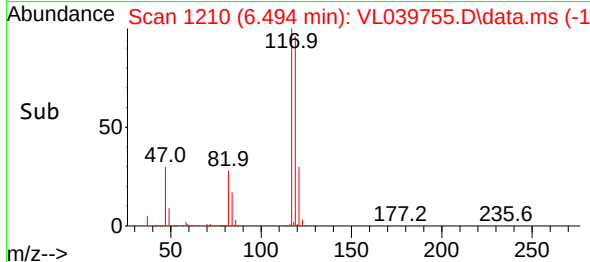
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion:117 Resp: 149404
Ion Ratio Lower Upper
117 100
119 96.0 79.2 118.8
121 30.0 25.0 37.6

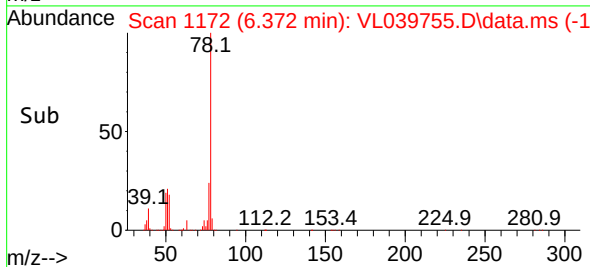
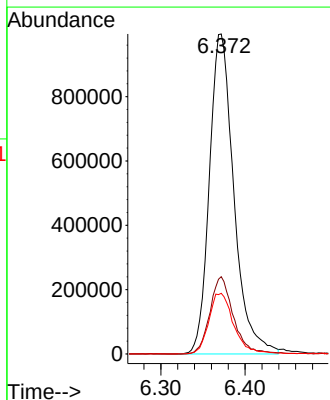
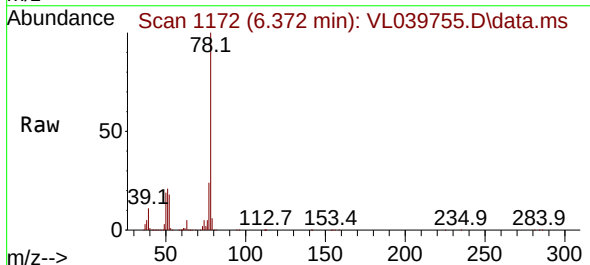
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APPROVED

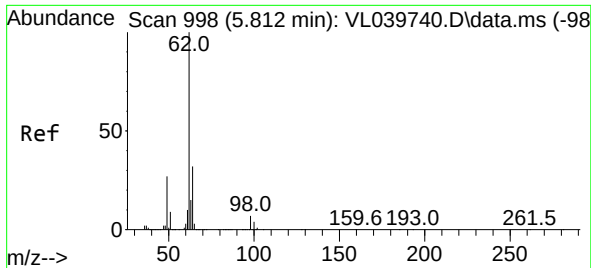
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
Benzene
Concen: 10.005 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 78 Resp: 2007959
Ion Ratio Lower Upper
78 100
77 24.1 17.3 25.9
50 18.9 14.9 22.3





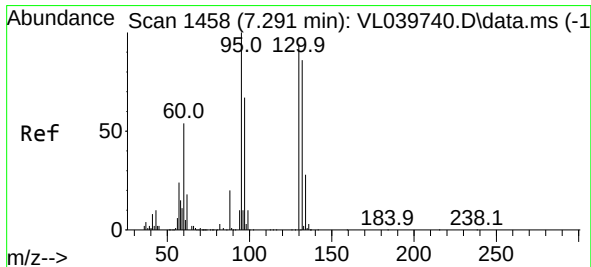
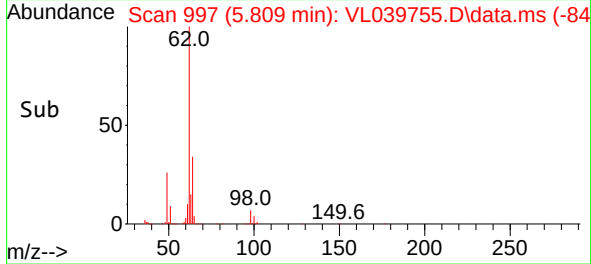
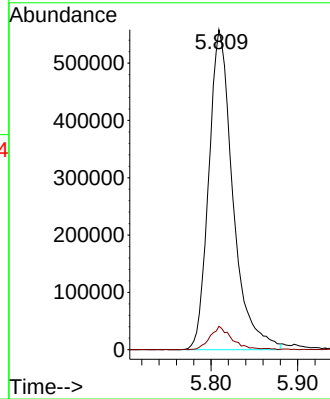
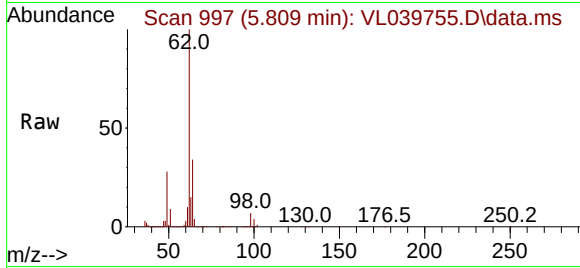
#37
1,2-Dichloroethane
Concen: 10.001 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 62 Resp: 1081234
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.0

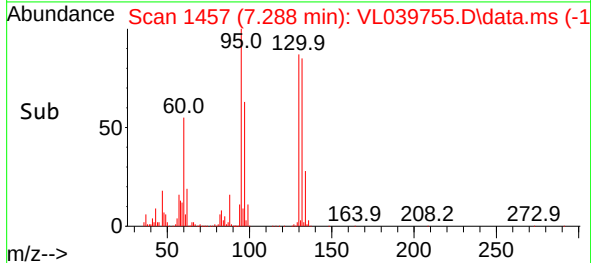
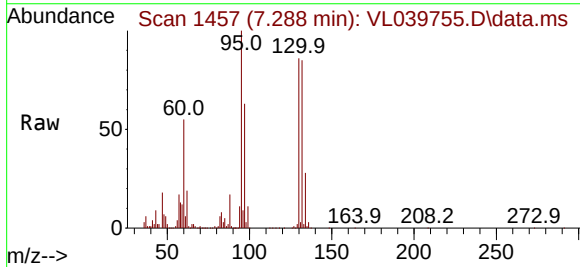
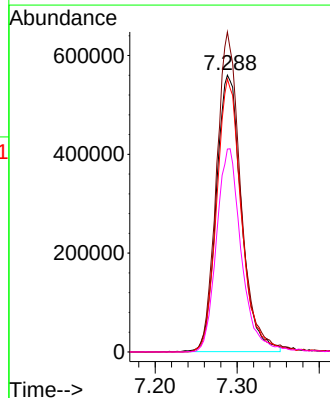
Manual Integrations
APPROVED

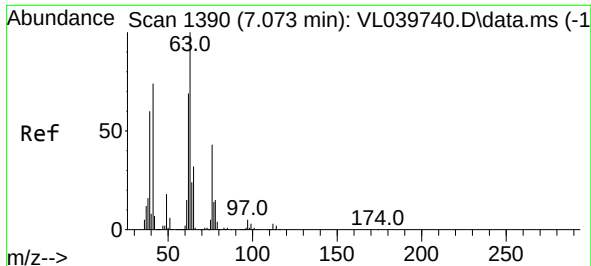
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#38
Trichloroethene
Concen: 11.053 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion:130 Resp: 1189876
Ion Ratio Lower Upper
130 100
95 115.7 85.4 128.2
132 98.7 73.0 109.6
97 73.4 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.927 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 63 Resp: 764260

Ion Ratio Lower Upper

63 100

41 72.9 59.5 89.3

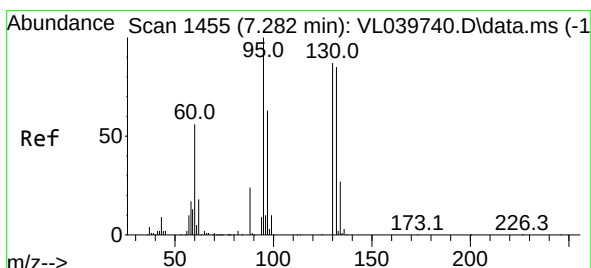
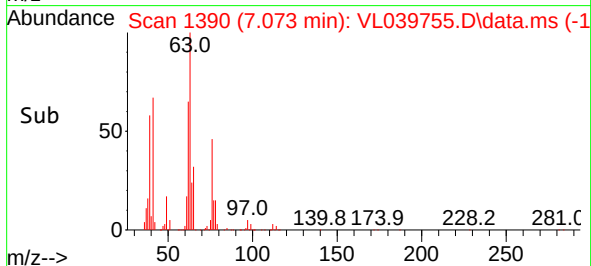
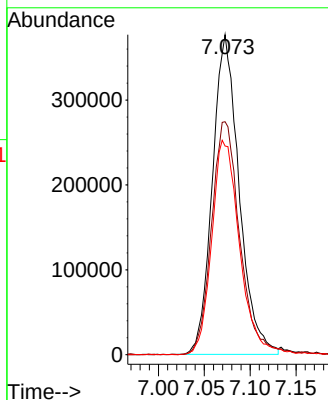
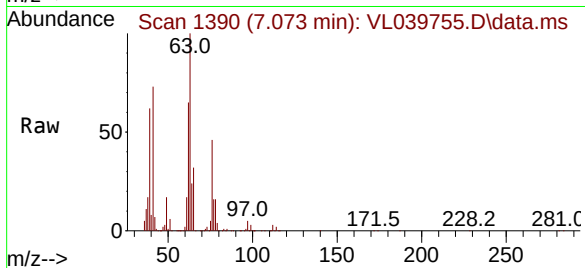
62 65.2 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

1,4-Dioxane

Concen: 8.639 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.010 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion: 88 Resp: 254771

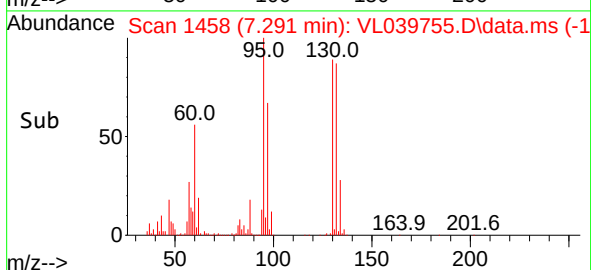
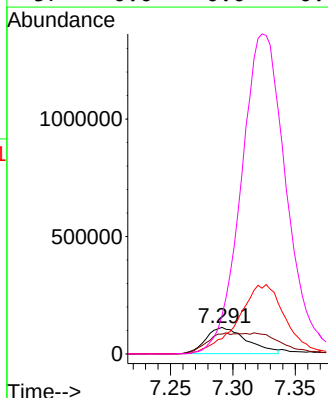
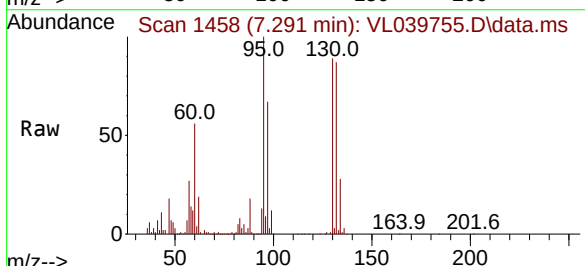
Ion Ratio Lower Upper

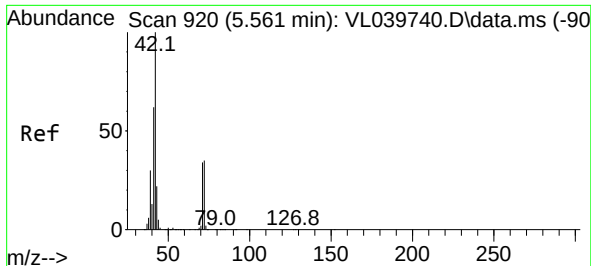
88 100

58 143.3 101.6 152.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.418 ppbv

RT: 5.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

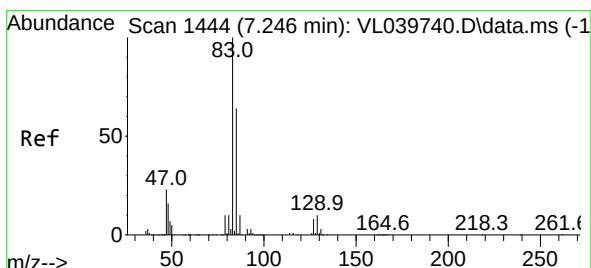
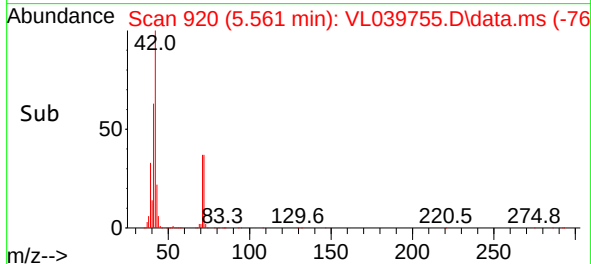
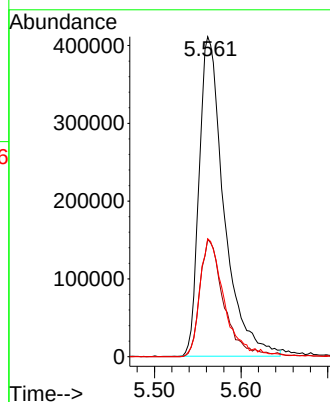
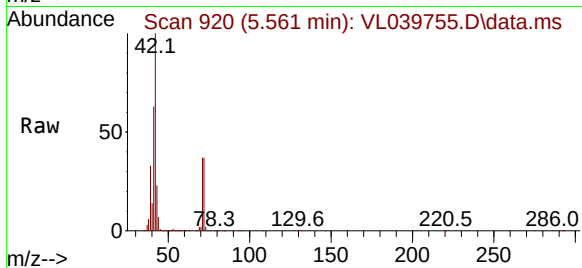
Tgt Ion: 42 Resp: 81935

Ion	Ratio	Lower	Upper
42	100		
72	36.3	30.0	45.0
71	36.9	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42

Bromodichloromethane

Concen: 10.765 ppbv

RT: 7.246 min Scan# 1444

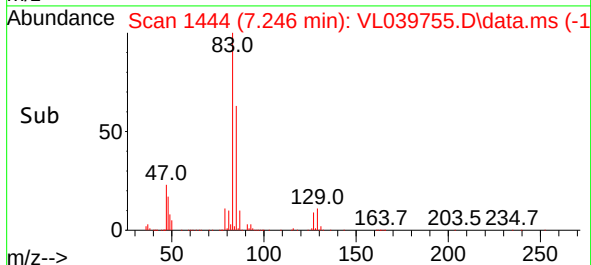
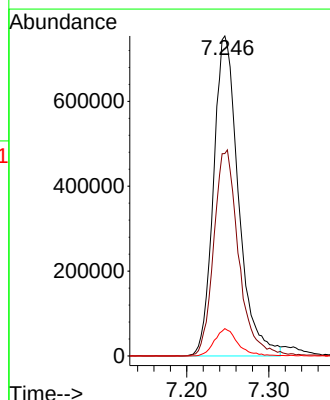
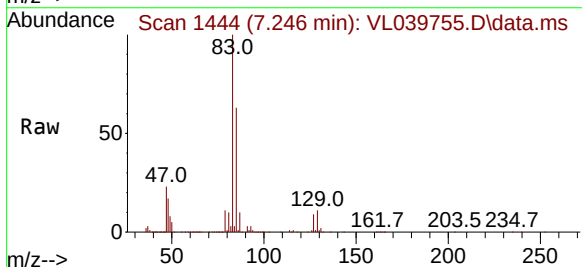
Delta R.T. -0.000 min

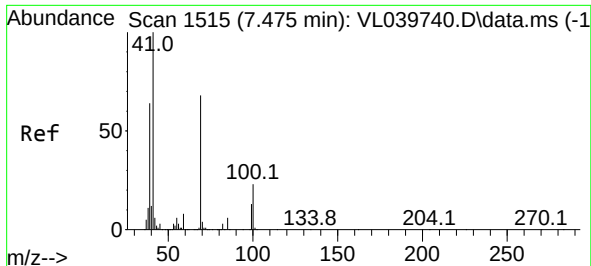
Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion: 83 Resp: 1598287

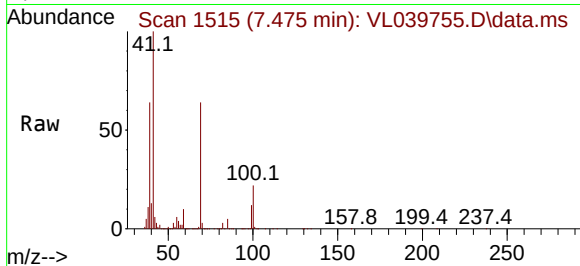
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.6
127	8.6	6.5	9.7





#43
Methyl Methacrylate
Concen: 10.908 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

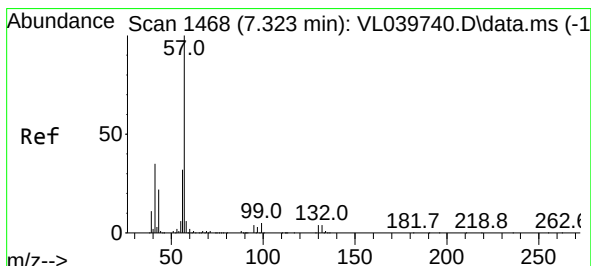
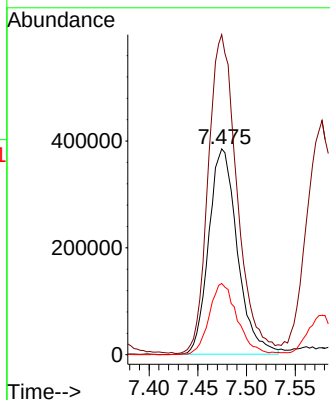
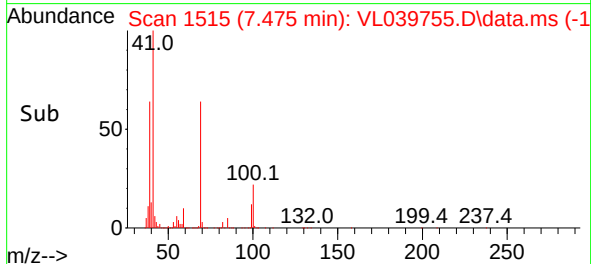
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



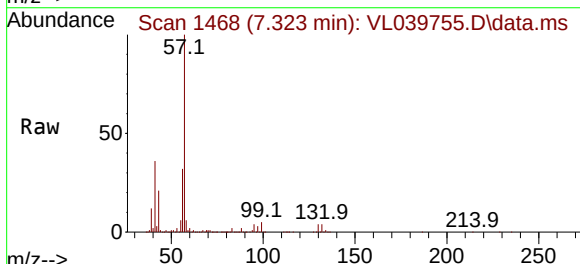
Tgt Ion: 69 Resp: 787562
Ion Ratio Lower Upper
69 100
41 155.8 124.6 186.8
100 34.4 27.5 41.3

Manual Integrations
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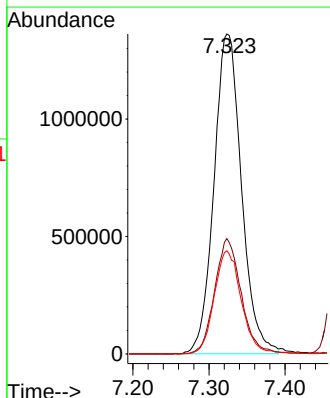
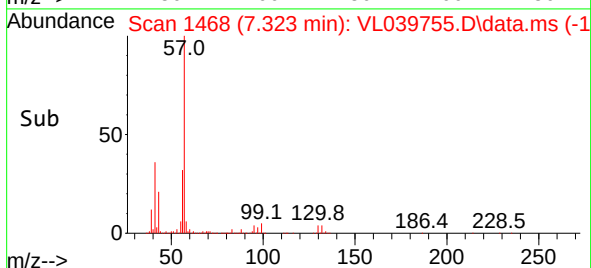
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

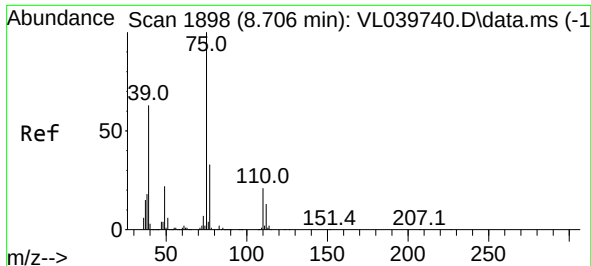


#44
2,2,4-Trimethylpentane
Concen: 10.069 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



Tgt Ion: 57 Resp: 3424249
Ion Ratio Lower Upper
57 100
41 34.9 27.1 40.7
56 31.8 25.2 37.8





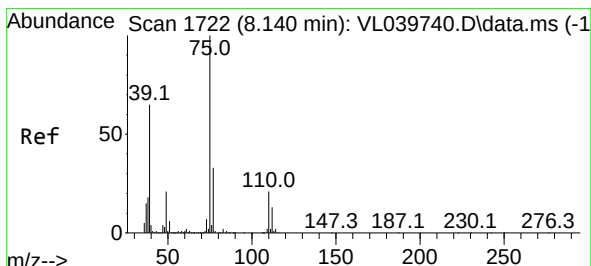
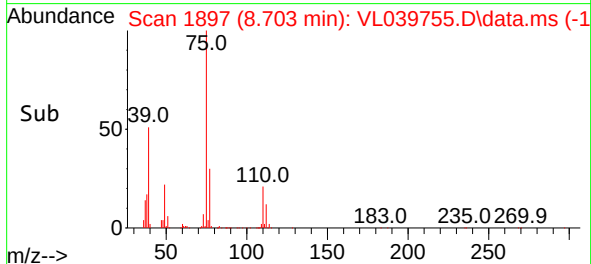
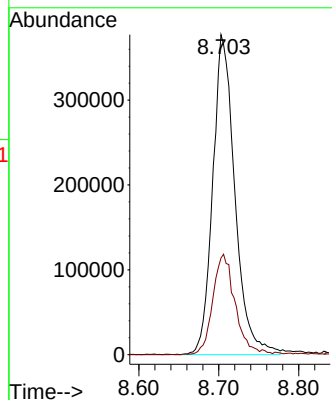
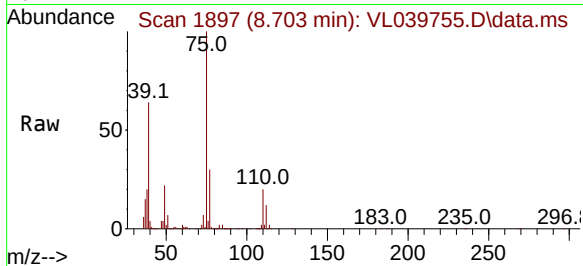
#45
t-1,3-Dichloropropene
Concen: 12.134 ppbv
RT: 8.703 min Scan# 1897
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 75 Resp: 72515
Ion Ratio Lower Upper
75 100
77 30.2 26.6 39.8

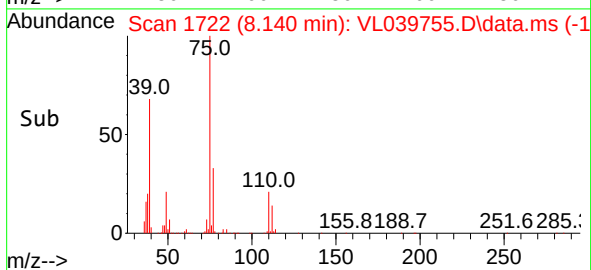
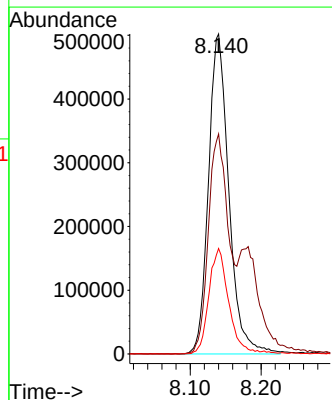
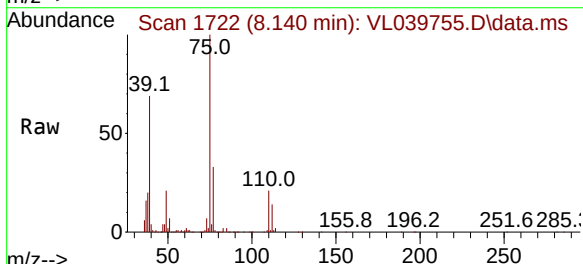
Manual Integrations
APPROVED

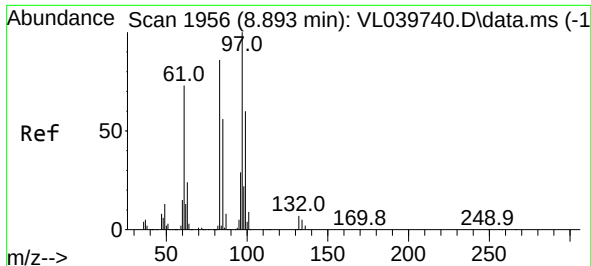
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#46
cis-1,3-Dichloropropene
Concen: 11.833 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 75 Resp: 1001759
Ion Ratio Lower Upper
75 100
39 68.7 52.2 78.4
77 32.9 26.6 40.0





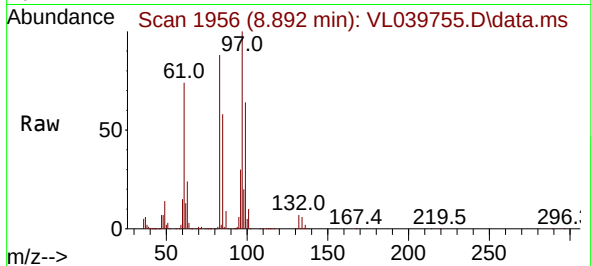
#47
1,1,2-Trichloroethane
Concen: 10.247 ppbv
RT: 8.892 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

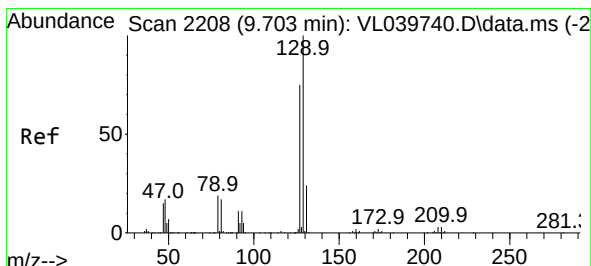
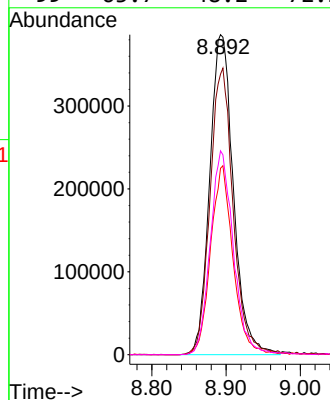
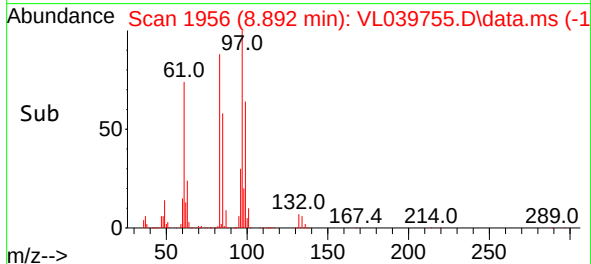


Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.8	103.2
85	58.2	44.8	67.2
99	63.7	48.2	72.2

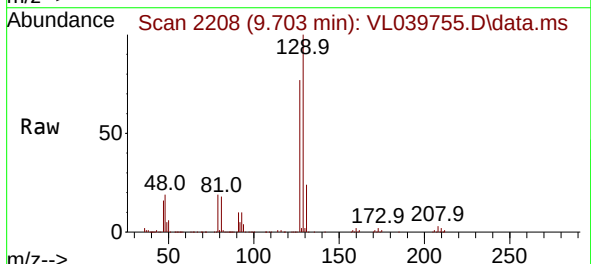
Manual Integrations

APPROVED

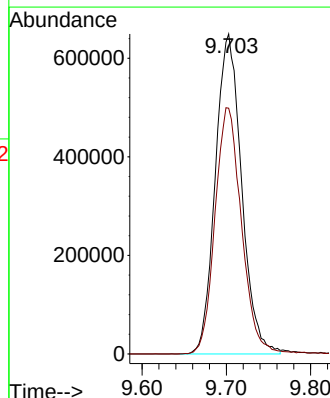
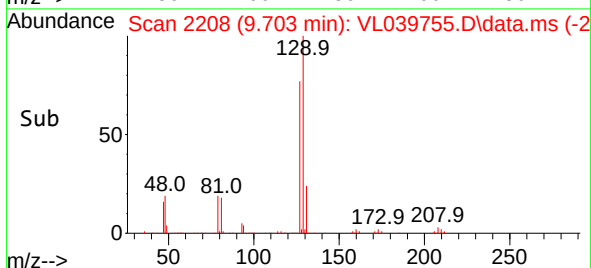
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

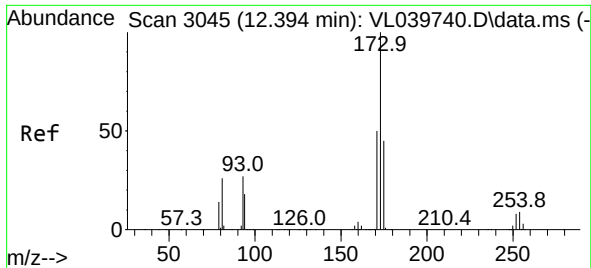


#48
Dibromochloromethane
Concen: 11.118 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



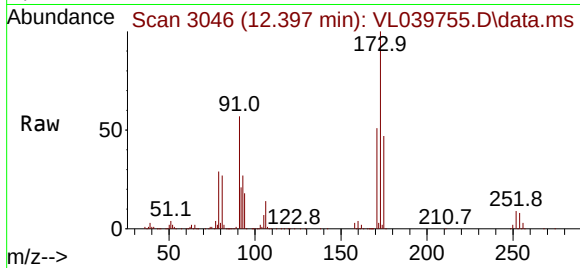
Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.9	116.6





#49
Bromoform
Concen: 11.608 ppbv
RT: 12.397 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

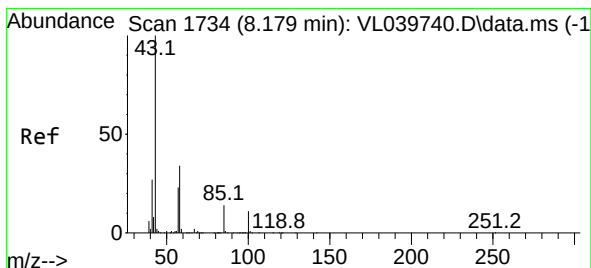
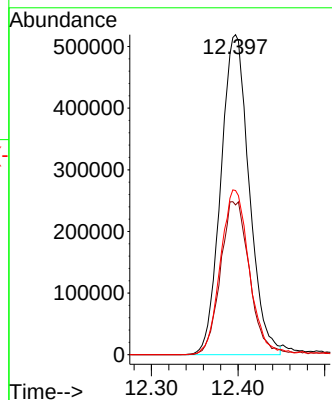
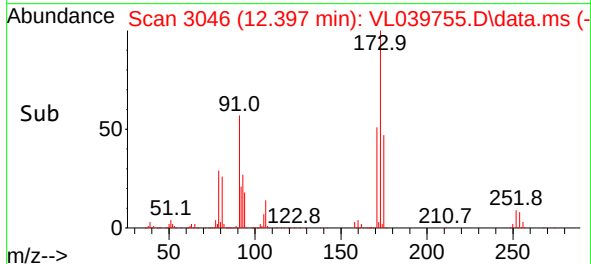
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion: 173 Resp: 1178708
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.0
171 53.1 41.6 62.4

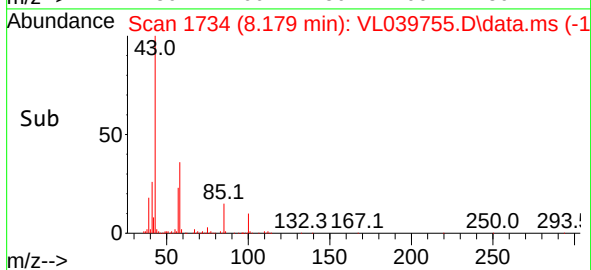
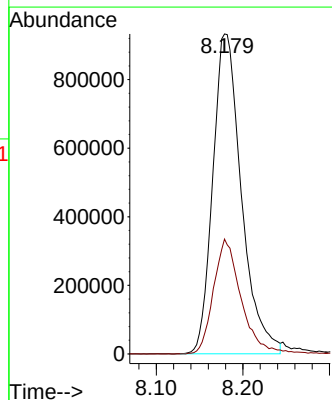
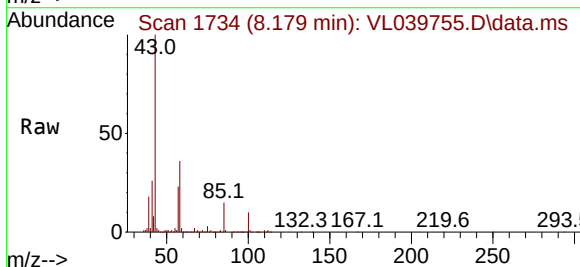
Manual Integrations
APPROVED

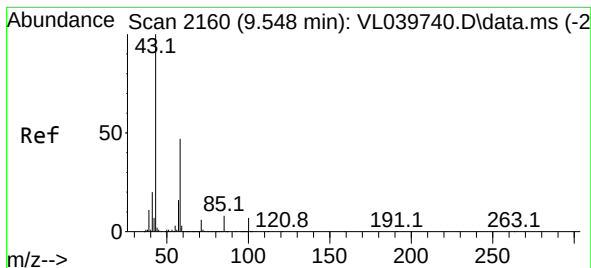
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
4-Methyl-2-Pentanone
Concen: 10.715 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 43 Resp: 2142985
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#51

2-Hexanone

Concen: 11.689 ppbv

RT: 9.545 min Scan# 2160

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion: 43 Resp: 167563

Ion Ratio Lower Upper

43 100

58 46.1 37.6 56.4

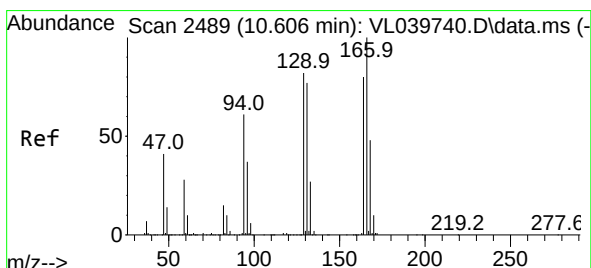
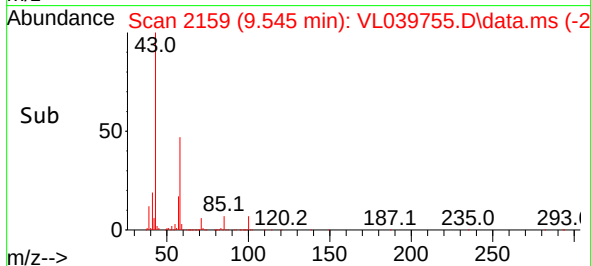
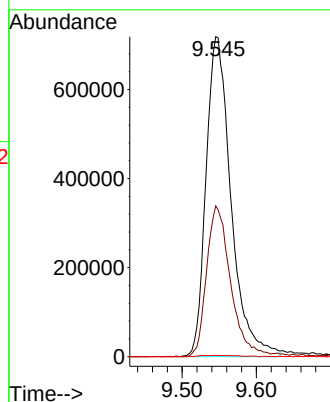
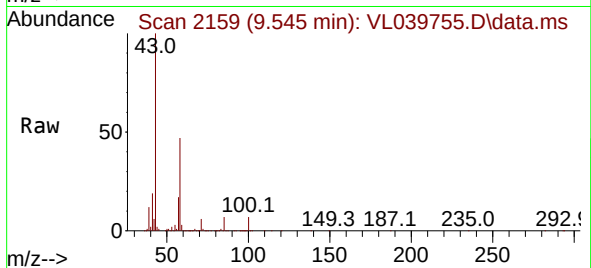
98 0.7 0.6 0.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#52

Tetrachloroethene

Concen: 10.547 ppbv

RT: 10.609 min Scan# 2490

Delta R.T. 0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Tgt Ion:164 Resp: 764150

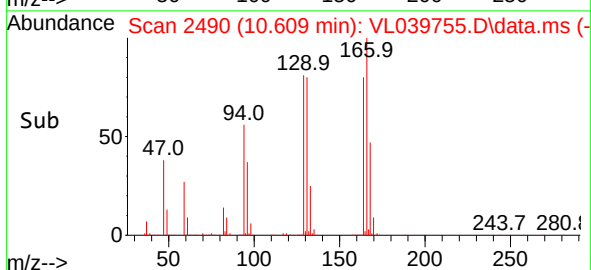
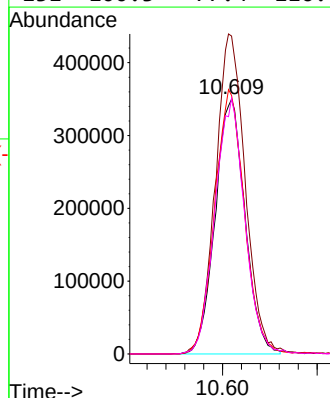
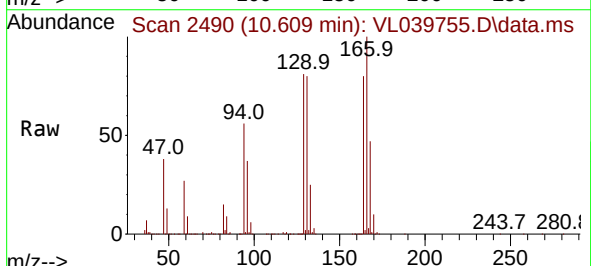
Ion Ratio Lower Upper

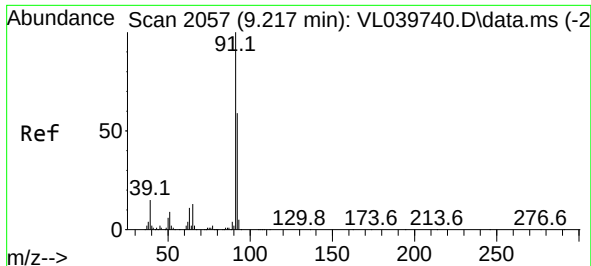
164 100

166 124.7 100.0 150.0

129 101.4 82.1 123.1

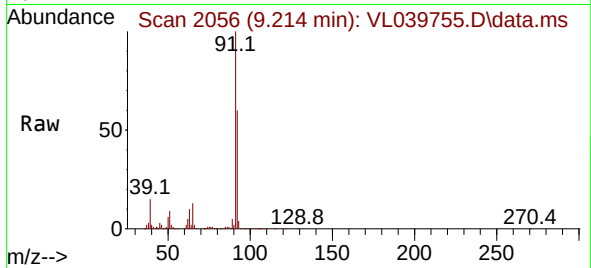
131 100.3 77.4 116.0





#53
Toluene
Concen: 10.995 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

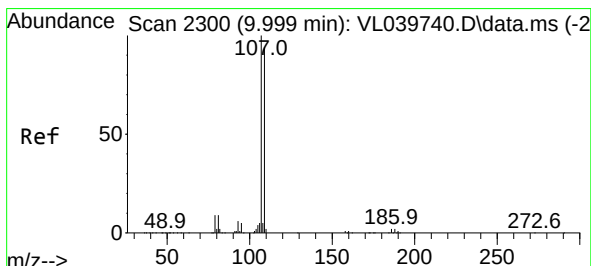
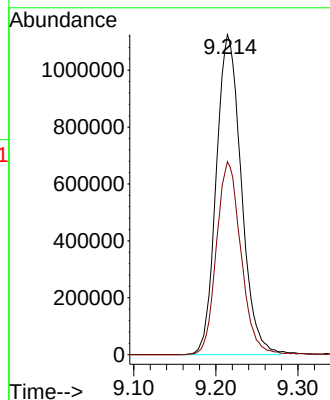
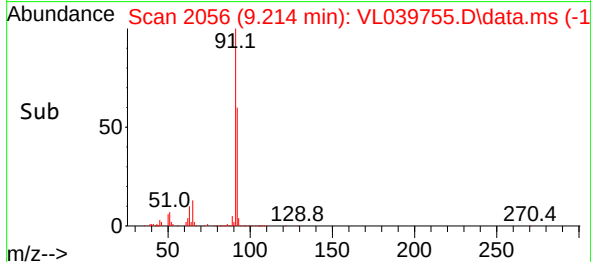
Instrument : MSVOA_L
ClientSampleId : VL1021ABS02



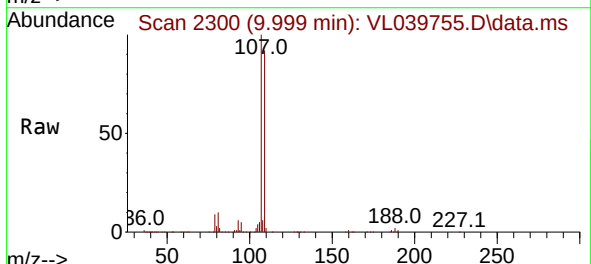
Tgt Ion: 91 Resp: 2382879
Ion Ratio Lower Upper
91 100
92 59.5 47.7 71.5

Manual Integrations
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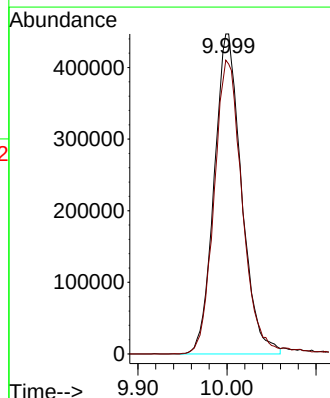
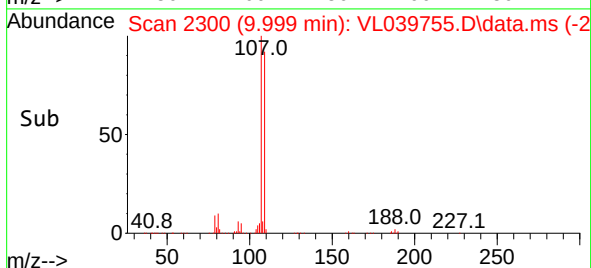
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

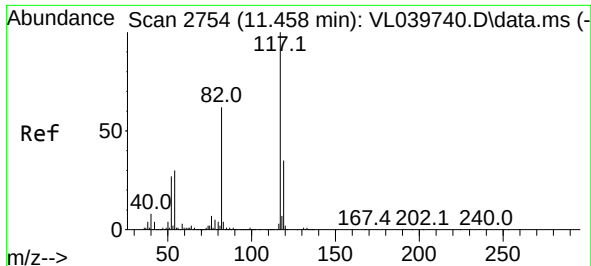


#54
1,2-Dibromoethane
Concen: 11.325 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



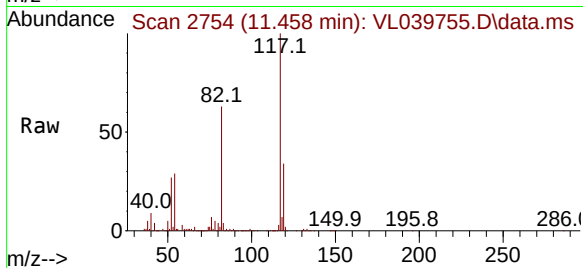
Tgt Ion:107 Resp: 952256
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

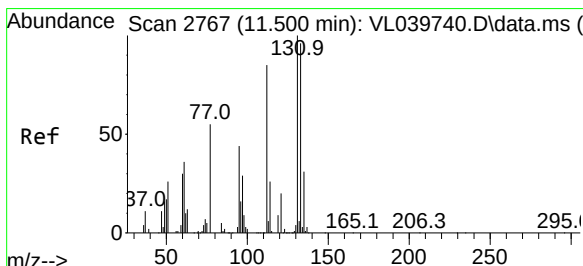
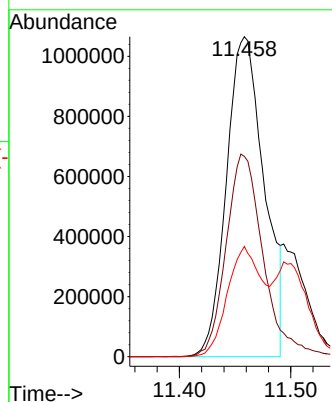
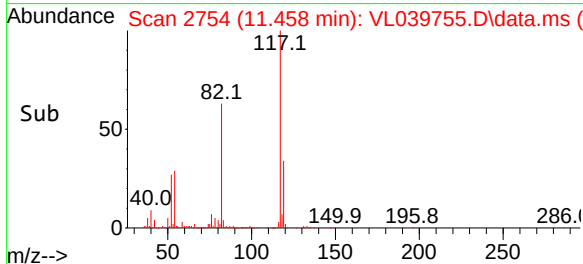
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



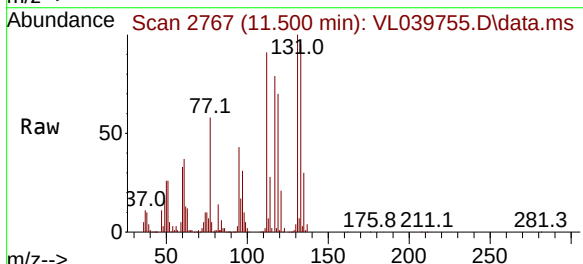
Tgt Ion:117 Resp: 2508309
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 33.9 24.6 36.8

Manual Integrations
APPROVED

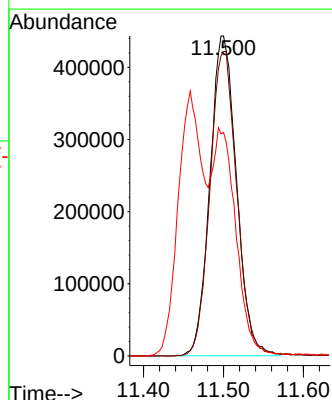
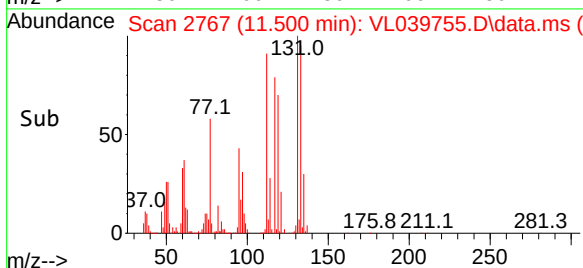
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

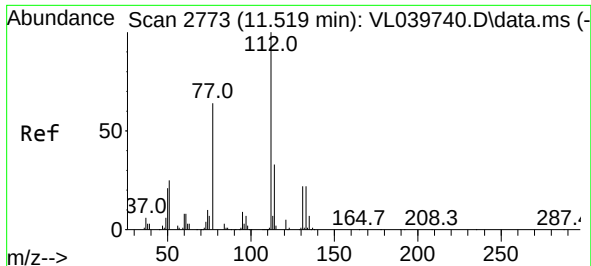


#56
1,1,1,2-Tetrachloroethane
Concen: 10.029 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



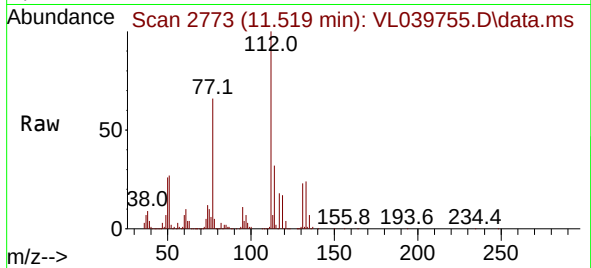
Tgt Ion:131 Resp: 1020987
Ion Ratio Lower Upper
131 100
133 97.0 77.2 115.8
119 63.9 55.5 83.3





#57
Chlorobenzene
Concen: 9.930 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

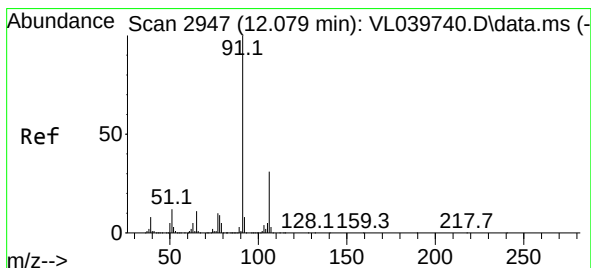
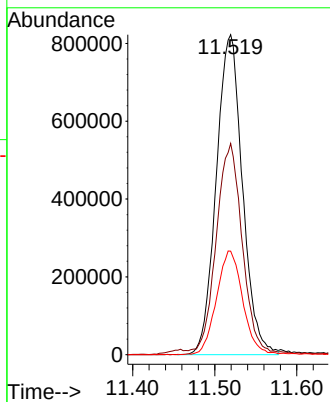
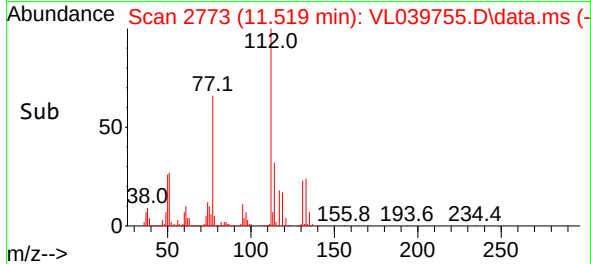
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



Tgt Ion:112 Resp: 1827452
Ion Ratio Lower Upper
112 100
77 65.2 51.4 77.2
114 32.2 30.0 36.6

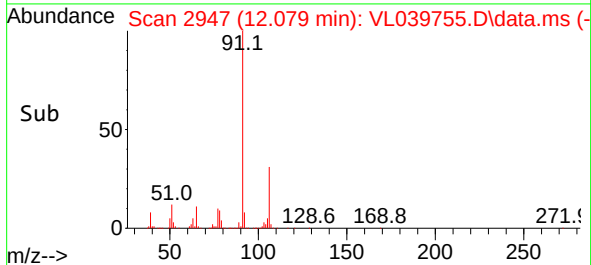
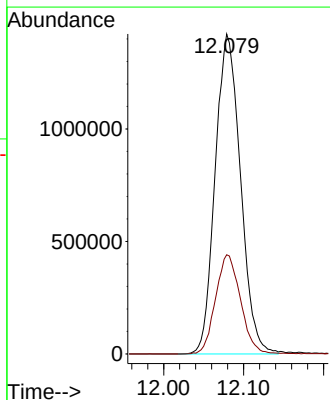
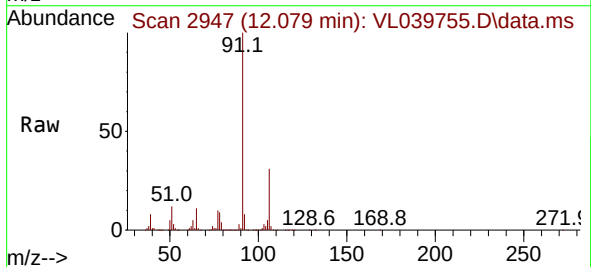
Manual Integrations
APPROVED

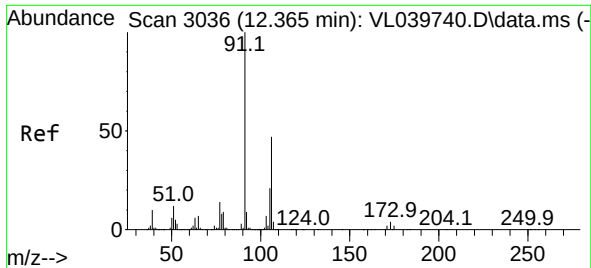
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#58
Ethyl Benzene
Concen: 10.778 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Tgt Ion: 91 Resp: 3122437
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8





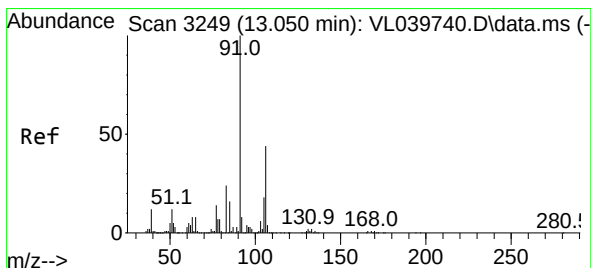
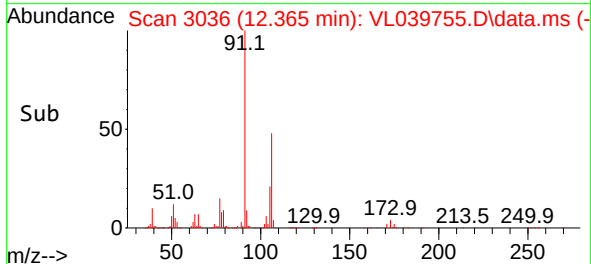
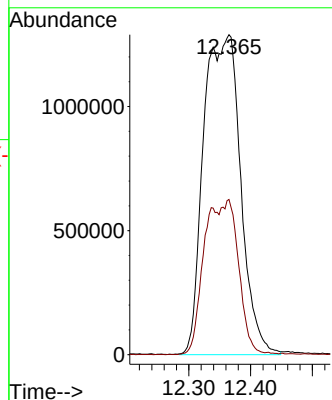
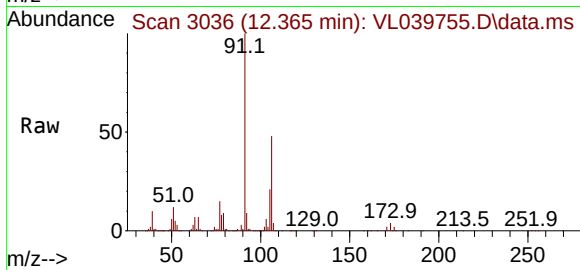
#59
m/p-Xylene
Concen: 20.930 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02

Tgt Ion: 91 Resp: 535928
Ion Ratio Lower Upper
91 100
106 45.0 36.2 54.4

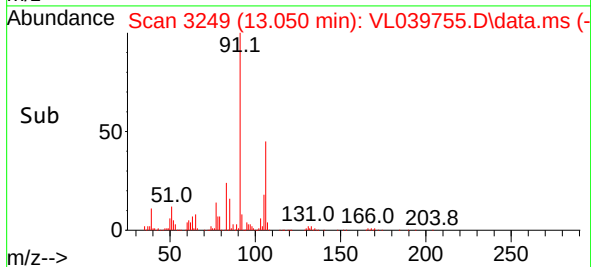
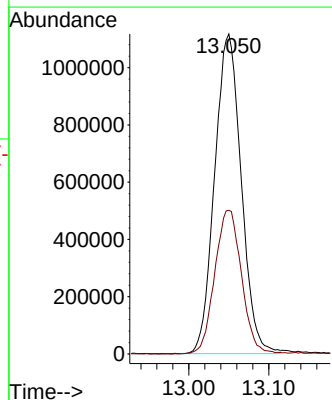
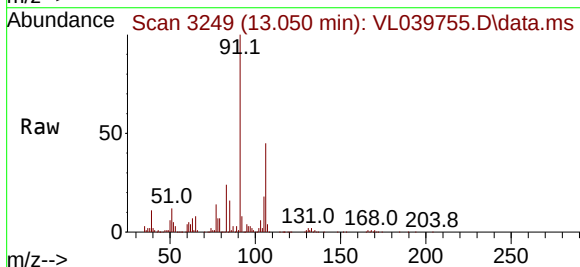
Manual Integrations
APPROVED

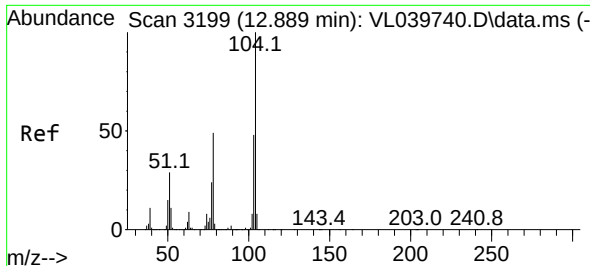
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
o-Xylene
Concen: 10.498 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

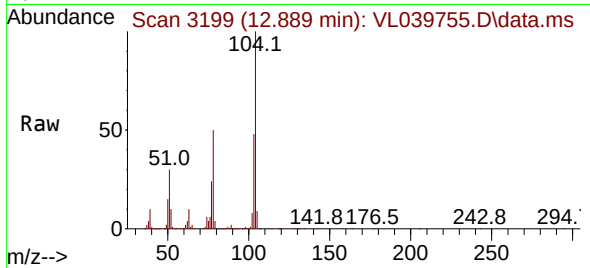
Tgt Ion: 91 Resp: 2571455
Ion Ratio Lower Upper
91 100
106 45.9 22.4 67.0





#61
Styrene
Concen: 11.933 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

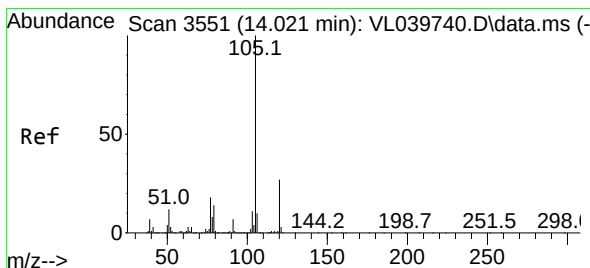
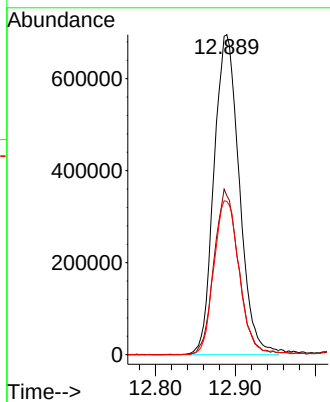
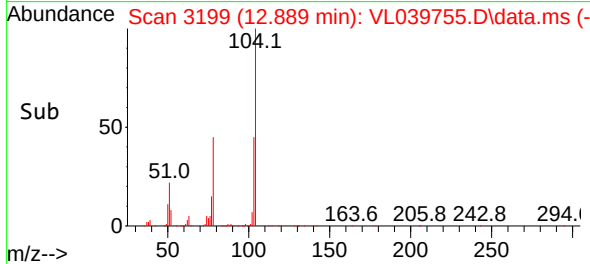
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



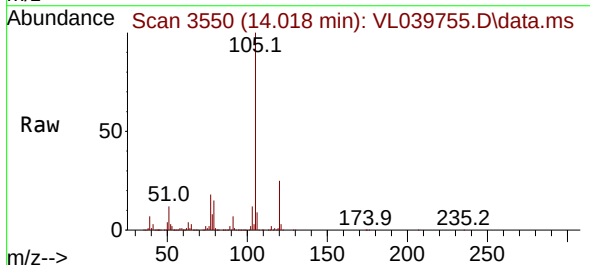
Tgt Ion:104 Resp: 1529254
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 48.8 38.1 57.1

Manual Integrations
APPROVED

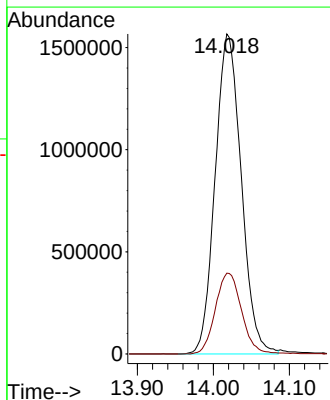
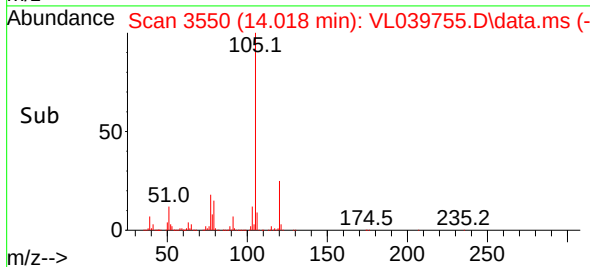
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

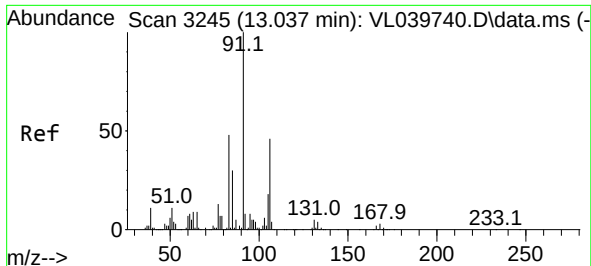


#62
Isopropylbenzene
Concen: 10.226 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



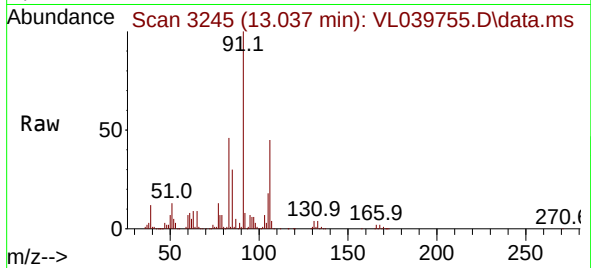
Tgt Ion:105 Resp: 3730809
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.642 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

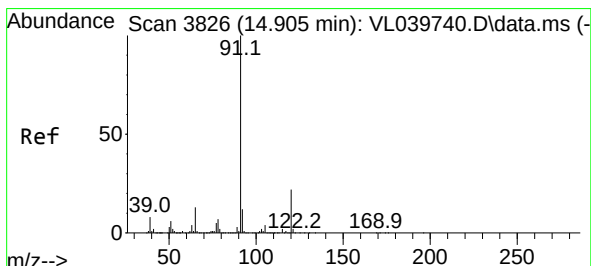
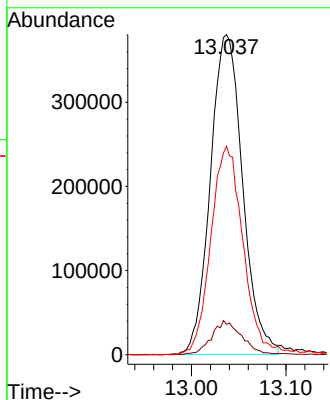
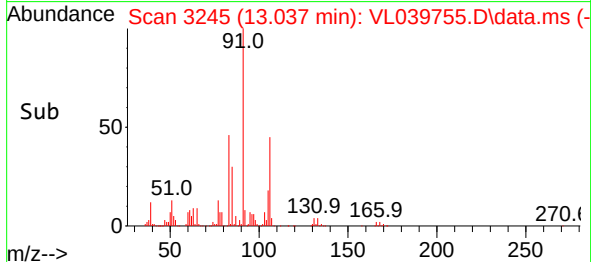
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



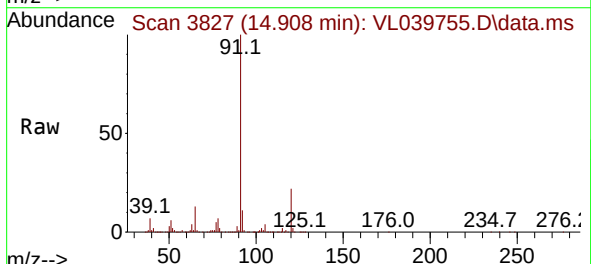
Tgt Ion: 83 Resp: 902592
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 66.1 32.8 98.4

Manual Integrations
APPROVED

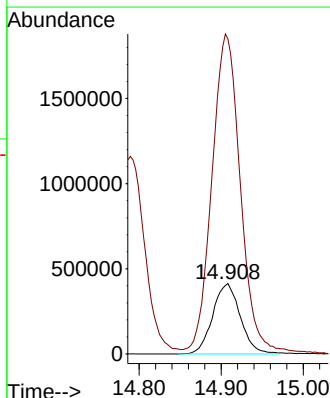
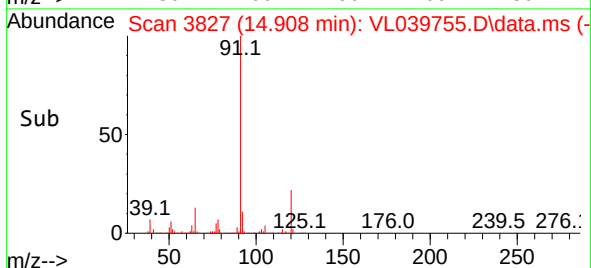
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

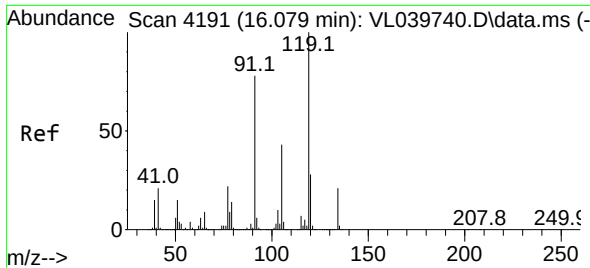


#64
n-propylbenzene
Concen: 10.535 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



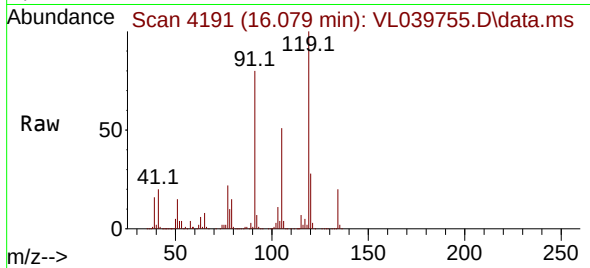
Tgt Ion:120 Resp: 965674
Ion Ratio Lower Upper
120 100
91 473.7 376.2 564.2





#65
tert-Butylbenzene
Concen: 10.199 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

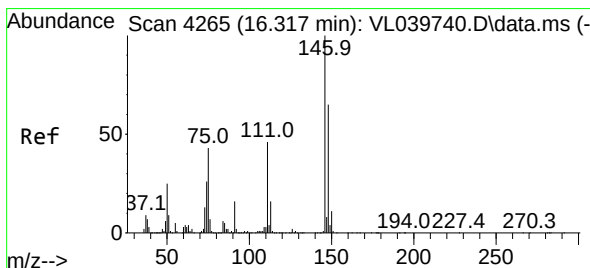
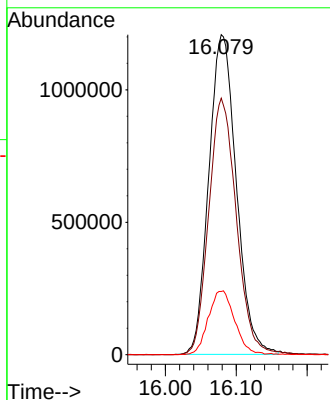
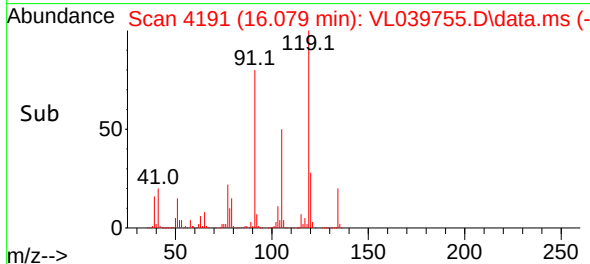
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



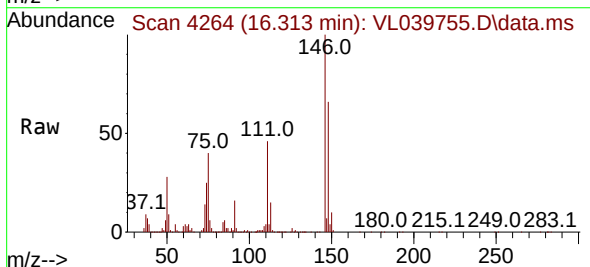
Tgt Ion:119 Resp: 325966
Ion Ratio Lower Upper
119 100
91 80.7 64.2 96.2
134 19.3 15.5 23.3

Manual Integrations
APPROVED

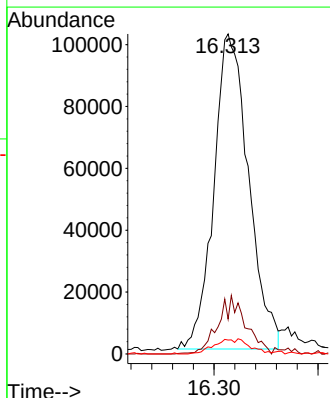
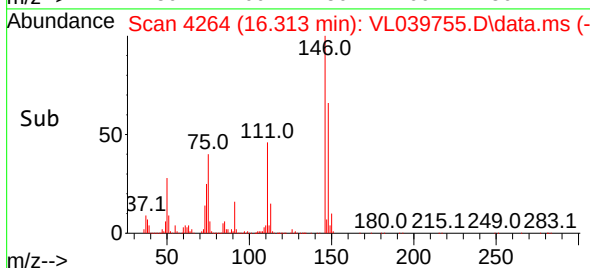
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

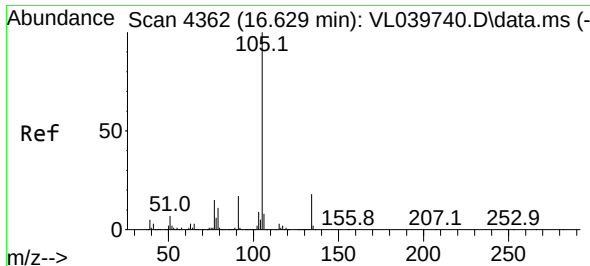


#66
Benzyl Chloride
Concen: 10.594 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



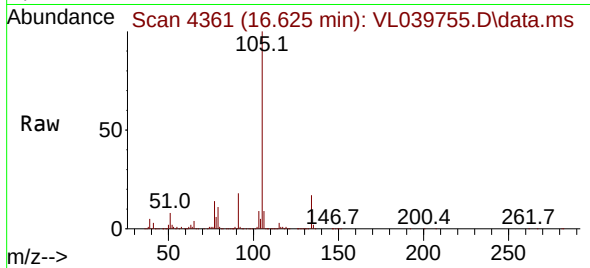
Tgt Ion: 91 Resp: 236591
Ion Ratio Lower Upper
91 100
126 15.7 12.6 18.8
128 5.2 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.328 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

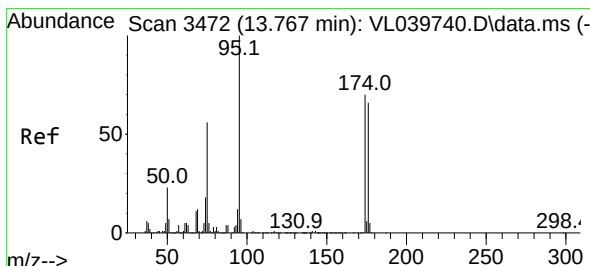
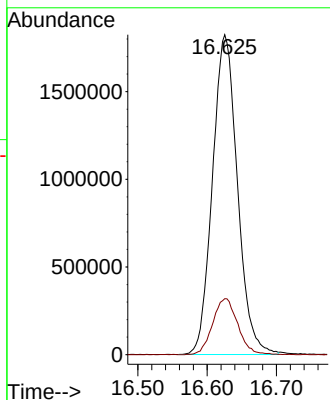
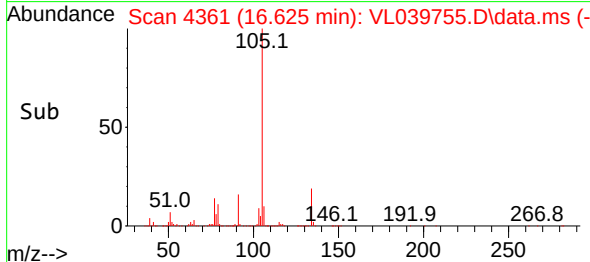
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02



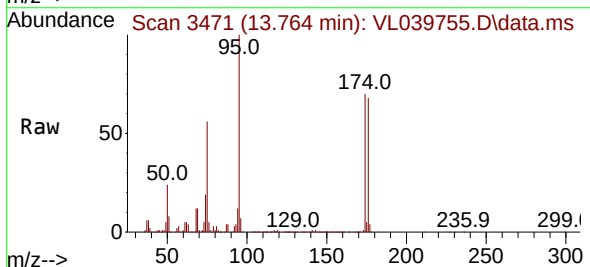
Tgt Ion:105 Resp: 456685
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4

Manual Integrations
 APPROVED

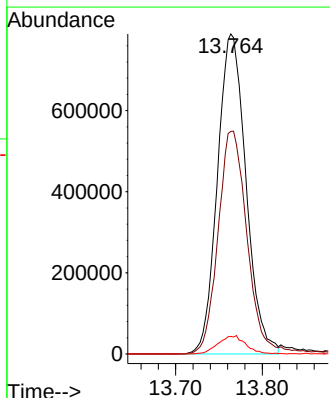
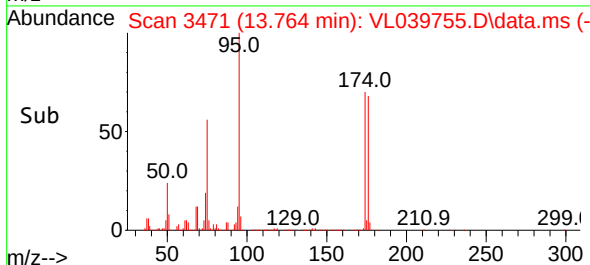
Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

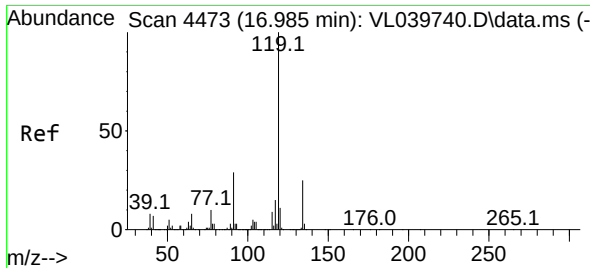


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.149 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.003 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40



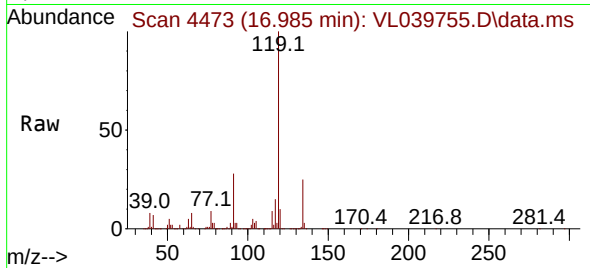
Tgt Ion: 95 Resp: 1807173
 Ion Ratio Lower Upper
 95 100
 174 71.9 56.5 84.7
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.487 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

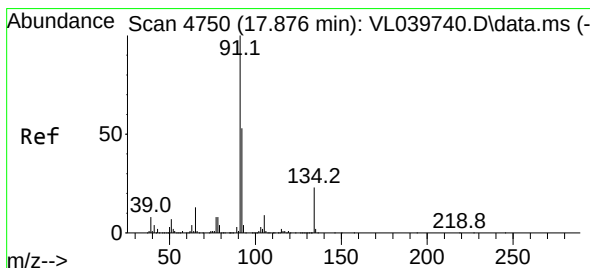
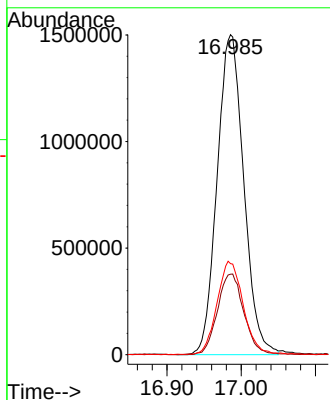
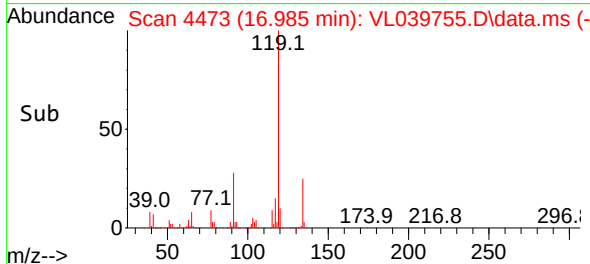
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



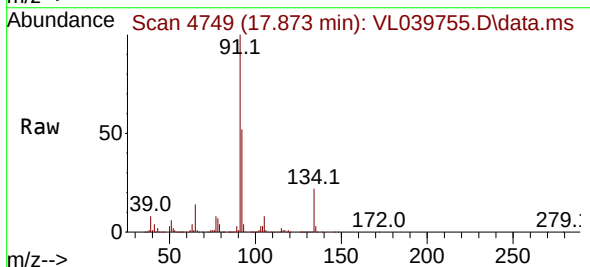
Tgt Ion: 119 Resp: 3737320
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.8
91 28.7 22.7 34.1

Manual Integrations
APPROVED

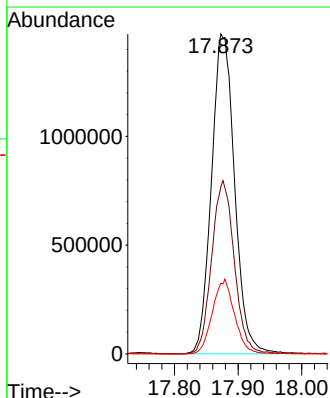
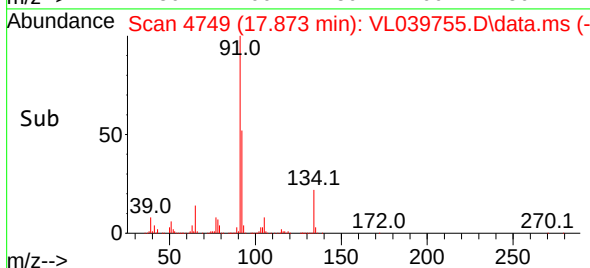
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

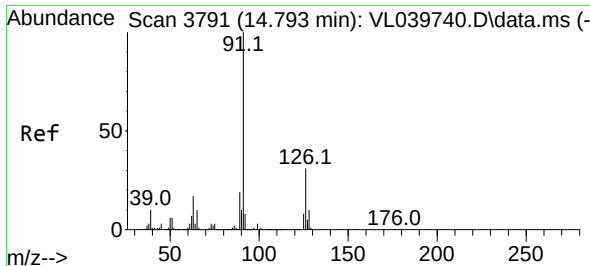


#70
n-Butylbenzene
Concen: 10.824 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



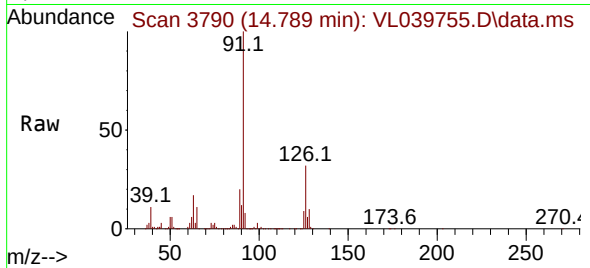
Tgt Ion: 91 Resp: 3712058
Ion Ratio Lower Upper
91 100
92 53.2 43.3 64.9
134 22.4 18.4 27.6





#71
2-Chlorotoluene
Concen: 10.441 ppbv
RT: 14.789 min Scan# 3791
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

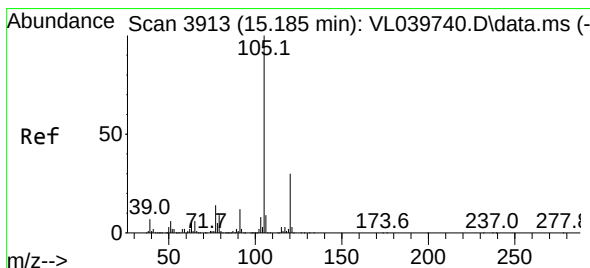
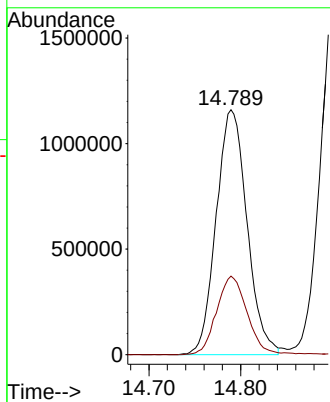
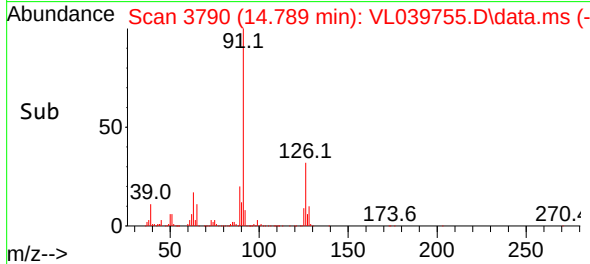
Instrument : MSVOA_L
ClientSampleId : VL1021ABS02



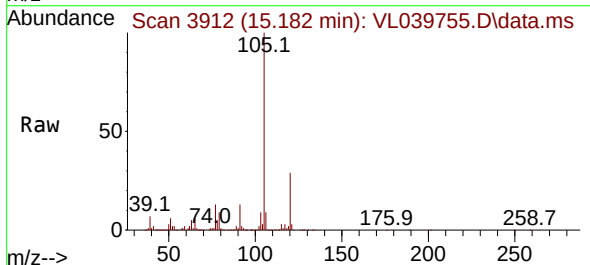
Tgt Ion: 91 Resp: 271070
Ion Ratio Lower Upper
91 100
126 32.4 12.7 50.7

Manual Integrations
APPROVED

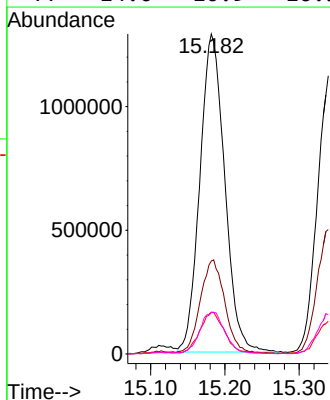
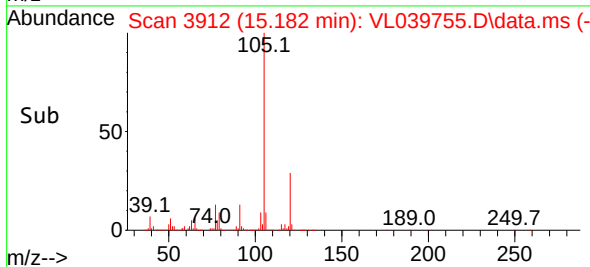
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

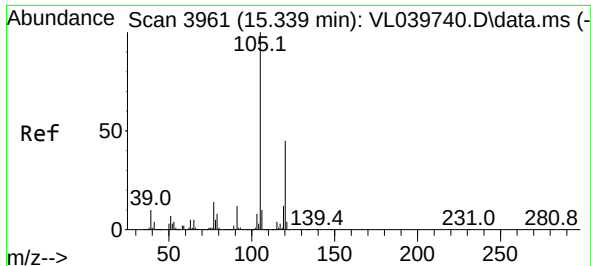


#72
4-Ethyltoluene
Concen: 10.908 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



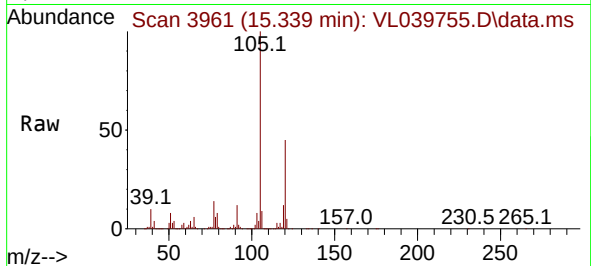
Tgt Ion:105 Resp: 2981998
Ion Ratio Lower Upper
105 100
120 30.6 23.9 35.9
91 13.0 10.3 15.5
77 14.0 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.472 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

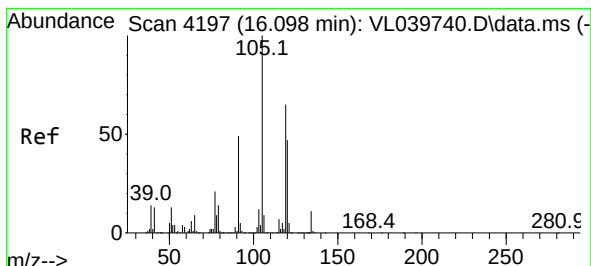
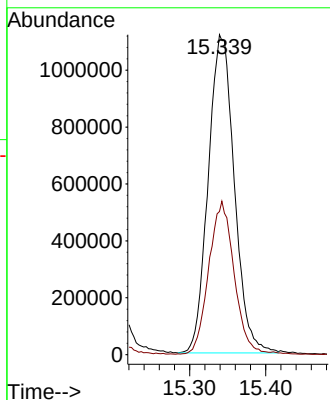
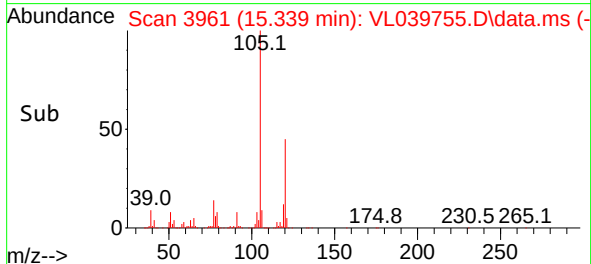
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



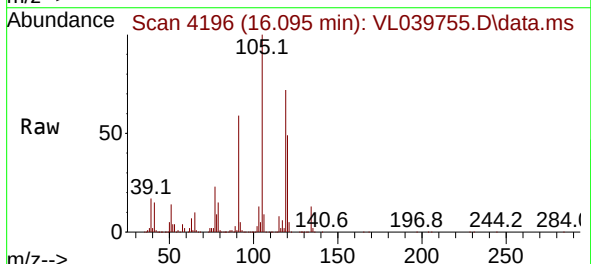
Tgt Ion:105 Resp: 2665259
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

Manual Integrations
APPROVED

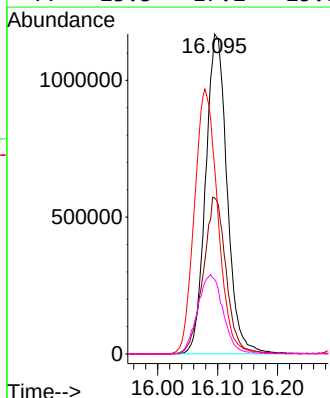
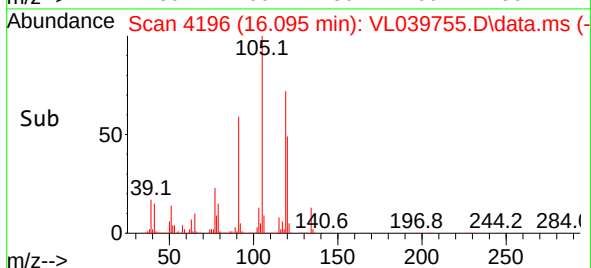
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

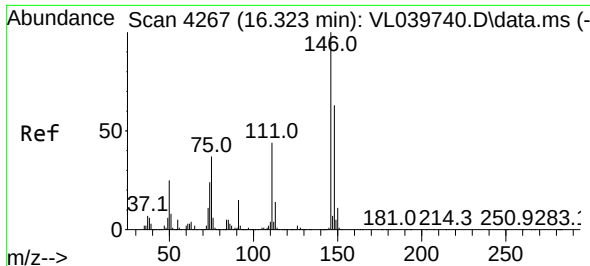


#74
1,2,4-Trimethylbenzene
Concen: 10.386 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



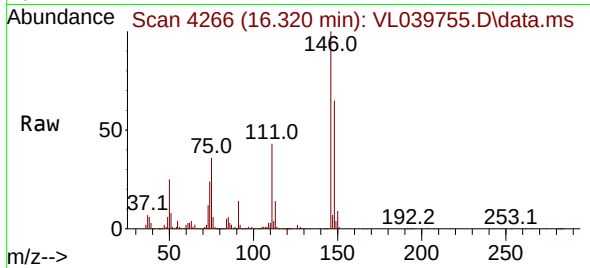
Tgt Ion:105 Resp: 2903598
Ion Ratio Lower Upper
105 100
120 48.7 37.6 56.4
91 58.6 40.1 60.1
77 23.3 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 10.063 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

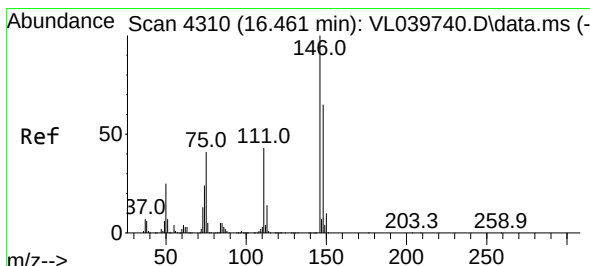
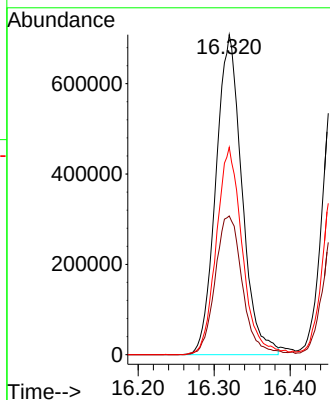
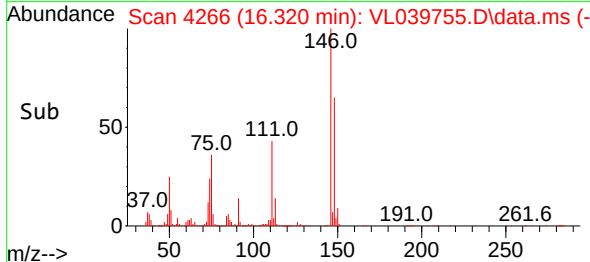
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



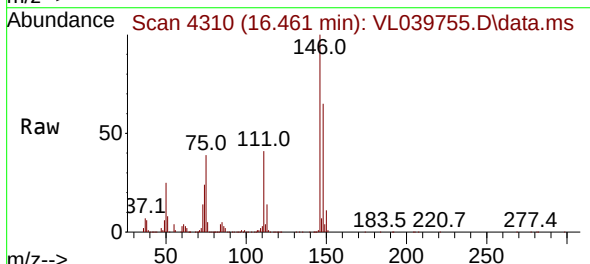
Tgt Ion:146 Resp: 1684838
Ion Ratio Lower Upper
146 100
111 45.5 22.8 68.3
148 64.7 32.6 97.7

Manual Integrations
APPROVED

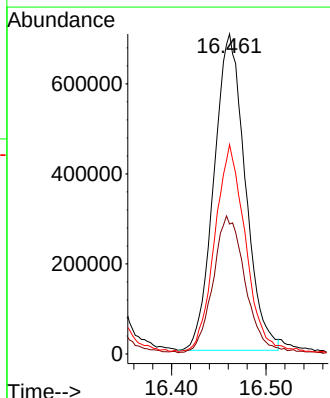
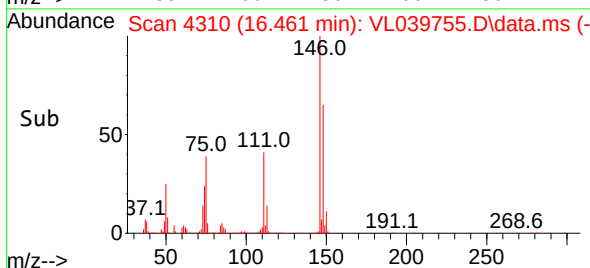
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

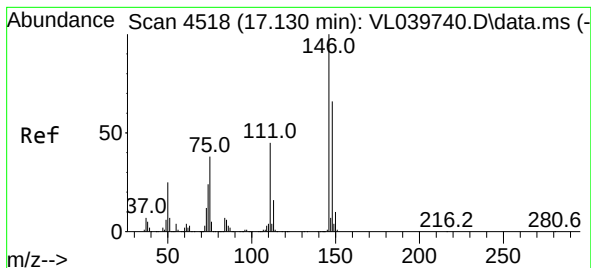


#76
1,4-Dichlorobenzene
Concen: 9.884 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



Tgt Ion:146 Resp: 1616607
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.5
148 67.2 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 9.833 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.000 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABS02

Tgt Ion:146 Resp: 1599994

Ion Ratio Lower Upper

146 100

111 46.7 23.6 70.8

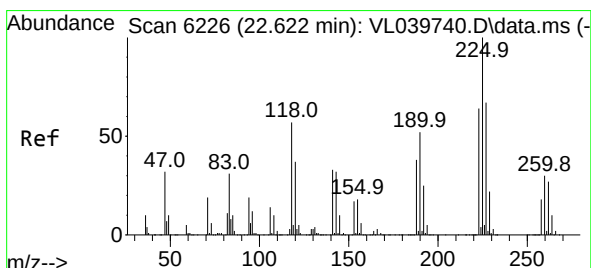
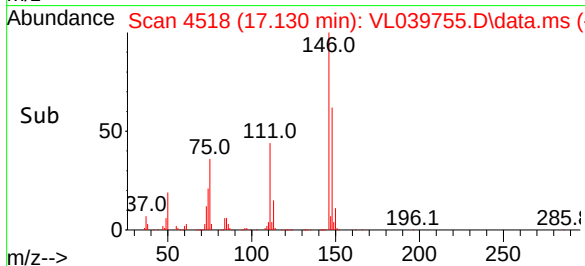
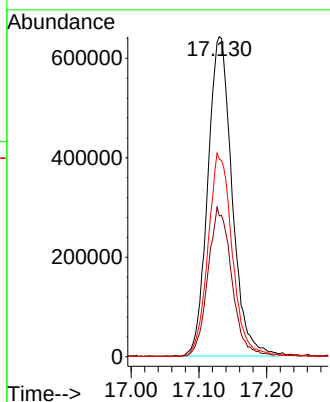
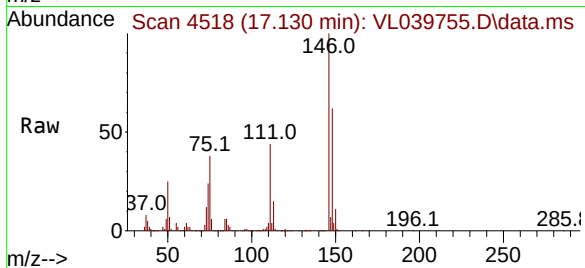
148 63.8 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.856 ppbv m

RT: 22.619 min Scan# 6225

Delta R.T. -0.003 min

Lab File: VL039755.D

Acq: 21 Oct 2022 22:40

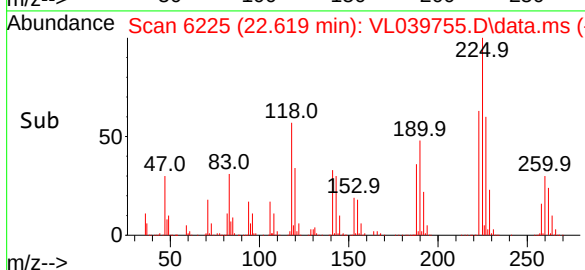
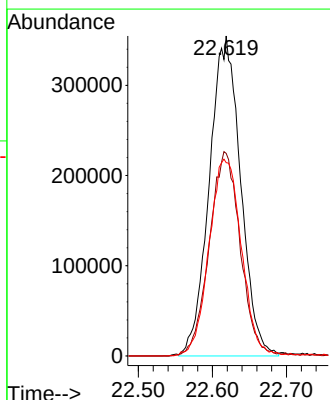
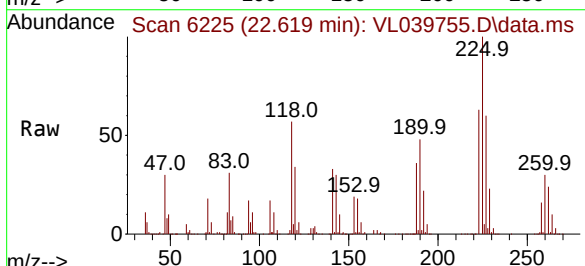
Tgt Ion:225 Resp: 1041212

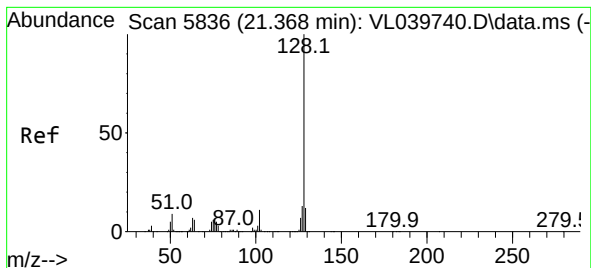
Ion Ratio Lower Upper

225 100

223 63.7 52.4 78.6

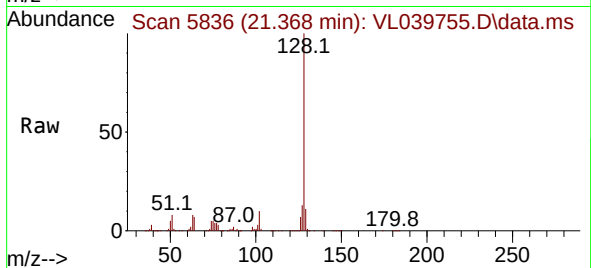
227 64.1 52.7 79.1





#79
Naphthalene
Concen: 11.879 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.000 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40

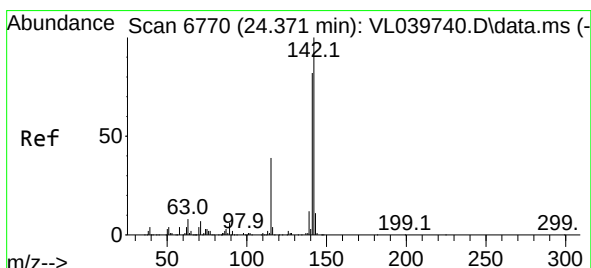
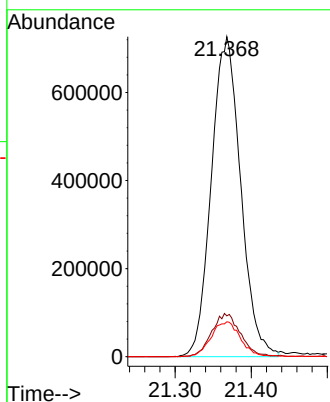
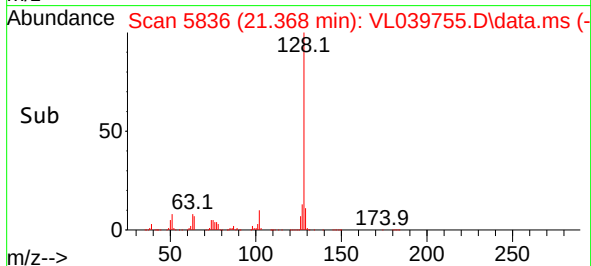
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABS02



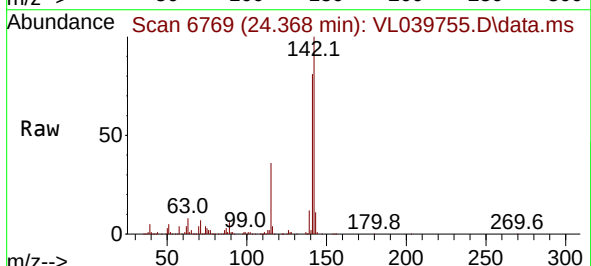
Tgt Ion:128 Resp: 1944179
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.9 9.4 14.0

Manual Integrations
APPROVED

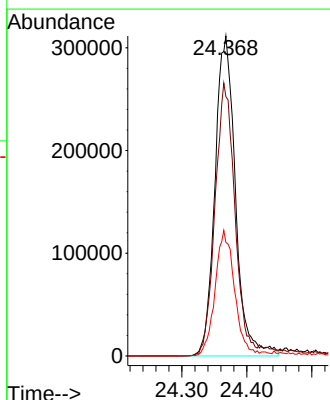
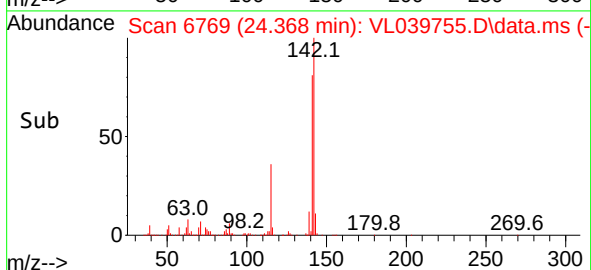
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

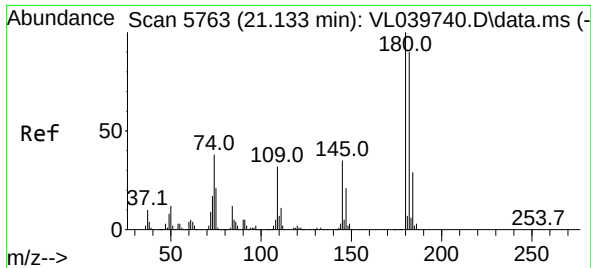


#80
Naphthalene,2-methyl-
Concen: 13.915 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.003 min
Lab File: VL039755.D
Acq: 21 Oct 2022 22:40



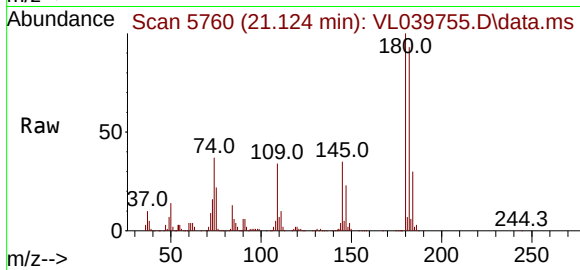
Tgt Ion:142 Resp: 680157
Ion Ratio Lower Upper
142 100
141 87.2 70.0 105.0
115 38.8 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.308 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039755.D
 Acq: 21 Oct 2022 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABS02



Tgt Ion:180 Resp: 1130425
 Ion Ratio Lower Upper
 180 100
 182 95.6 0.0 0.0
 184 30.6 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

