

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039761.D
 Acq On : 24 Oct 2022 15:51
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 16:55:09 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	965013	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2606641	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2252959	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1629694 10.190 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.748	85	64914m	0.402 ppbv	
3) Chlorodifluoromethane	2.693	51	60324	0.491 ppbv	97
4) Chloromethane	2.835	50	38199	0.497 ppbv	96
5) Vinyl Chloride	2.941	62	26590	0.440 ppbv	100
6) Bromomethane	3.140	94	10925	0.488 ppbv #	67
7) Chloroethane	3.218	64	10654	0.476 ppbv	96
8) Dichlorotetrafluoroethane	2.874	85	77046	0.514 ppbv	100
9) Propene	2.719	41	23672	0.422 ppbv #	82
10) Heptane	7.584	43	47366	0.364 ppbv	95
11) Trichlorofluoromethane	3.578	101	71677	0.477 ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.079	101	56232	0.465 ppbv	96
13) Ethanol	3.269	45	1905m	0.498 ppbv	
14) Bromoethene	3.382	108	22054m	0.478 ppbv	
15) Acetone	3.504	43	59331m	0.509 ppbv	
16) 1,3-Butadiene	3.002	39	27707	0.474 ppbv	89
17) tert-Butyl alcohol	3.912	59	44790m	0.452 ppbv	
18) 1,1-Dichloroethene	3.896	96	24427m	0.470 ppbv	
19) Isopropyl Alcohol	3.607	45	27144m	0.477 ppbv	
20) Methylene Chloride	3.944	84	26587m	0.568 ppbv	
21) Allyl Chloride	4.012	41	39872m	0.496 ppbv	
22) trans-1,2-Dichloroethene	4.455	96	26497m	0.503 ppbv	
23) Vinyl Acetate	4.648	43	24275m	0.494 ppbv	
24) 1,1-Dichloroethane	4.574	63	55595	0.496 ppbv	98
25) Ethyl Acetate	5.224	43	105631	0.453 ppbv #	95
26) Hexane	5.218	57	42996	0.452 ppbv	94
27) Carbon Disulfide	4.134	76	47771m	0.401 ppbv	
28) Methyl tert-Butyl Ether	4.616	73	42399m	0.470 ppbv	
29) Chloroform	5.279	83	72004	0.472 ppbv	100
30) Cyclohexane	6.600	84	36916m	0.462 ppbv	
31) cis-1,2-Dichloroethene	5.086	61	43762m	0.513 ppbv	
32) 1,1,1-Trichloroethane	6.008	97	66659m	0.504 ppbv	
34) 2-Butanone	4.812	43	61917m	0.515 ppbv	
35) Carbon Tetrachloride	6.494	117	67636	0.501 ppbv	89
36) Benzene	6.369	78	91089m	0.463 ppbv	
37) 1,2-Dichloroethane	5.809	62	52225m	0.493 ppbv	
38) Trichloroethene	7.291	130	53172m	0.504 ppbv	
39) 1,2-Dichloropropane	7.079	63	38786m	0.514 ppbv	
40) 1,4-Dioxane	7.333	88	11796m	0.408 ppbv	
41) Tetrahydrofuran	5.594	42	32270m	0.419 ppbv	
42) Bromodichloromethane	7.250	83	72493m	0.498 ppbv	
43) Methyl Methacrylate	7.484	69	25127m	0.355 ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	146739m	0.440 ppbv	
45) t-1,3-Dichloropropene	8.713	75	20645m	0.352 ppbv	

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 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 16:55:09 2022

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

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

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	27841m	0.336	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	39021m	0.476	ppbv	
48) Dibromochloromethane	9.700	129	56509m	0.457	ppbv	
49) Bromoform	12.404	173	44203m	0.444	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	76724m	0.391	ppbv	
51) 2-Hexanone	9.577	43	49292m	0.351	ppbv	
52) Tetrachloroethene	10.613	164	33895	0.477	ppbv #	89
53) Toluene	9.217	91	74566	0.351	ppbv	98
54) 1,2-Dibromoethane	10.002	107	37257	0.452	ppbv	88
56) 1,1,1,2-Tetrachloroethane	11.503	131	47517	0.520	ppbv #	1
57) Chlorobenzene	11.516	112	90465m	0.547	ppbv	
58) Ethyl Benzene	12.082	91	98550m	0.379	ppbv	
59) m/p-Xylene	12.368	91	192226m	0.836	ppbv	
60) o-Xylene	13.053	91	87206m	0.396	ppbv	
61) Styrene	12.899	104	34649m	0.301	ppbv	
62) Isopropylbenzene	14.024	105	148613m	0.454	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	49106m	0.584	ppbv	
64) n-propylbenzene	14.908	120	36408m	0.442	ppbv	
65) tert-Butylbenzene	16.088	119	121450	0.423	ppbv	92
66) Benzyl Chloride	16.317	91	9640m	0.481	ppbv	
67) sec-Butylbenzene	16.635	105	182582m	0.460	ppbv	
69) p-Isopropyltoluene	16.992	119	134217m	0.419	ppbv	
70) n-Butylbenzene	17.883	91	123210	0.400	ppbv	98
71) 2-Chlorotoluene	14.793	91	93467m	0.401	ppbv	
72) 4-Ethyltoluene	15.188	105	98095m	0.399	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	82962	0.363	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	107548	0.428	ppbv	93
75) 1,3-Dichlorobenzene	16.326	146	70759m	0.471	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	71984m	0.490	ppbv	
77) 1,2-Dichlorobenzene	17.133	146	72275m	0.494	ppbv	
78) Hexachloro-1,3-Butadiene	22.619	225	59834	0.567	ppbv	98
79) Naphthalene	21.384	128	55758m	0.379	ppbv	
80) Naphthalene,2-methyl-	24.378	142	20561m	0.468	ppbv	
81) 1,2,4-Trichlorobenzene	21.136	180	42911m	0.436	ppbv	

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

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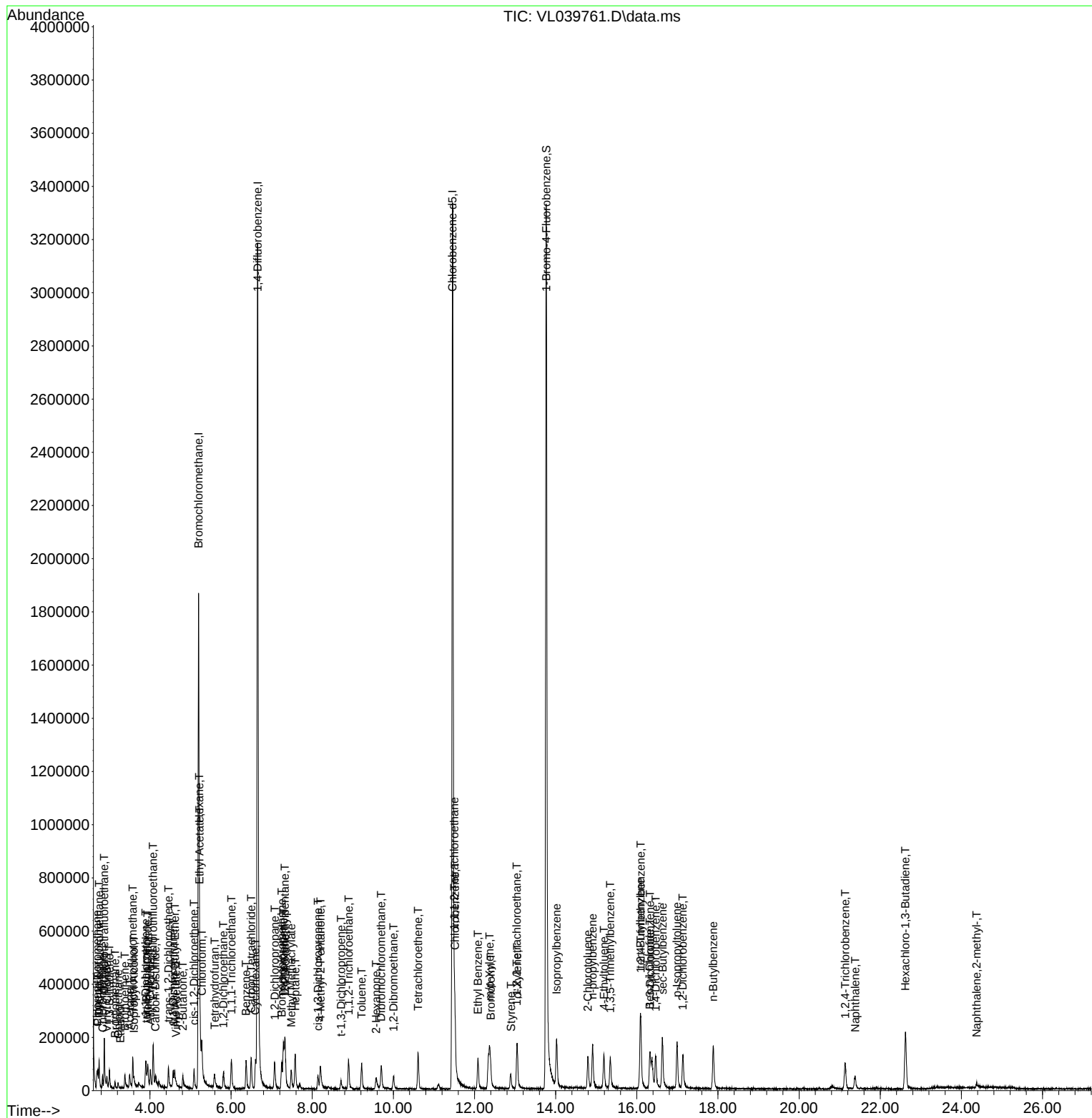
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug

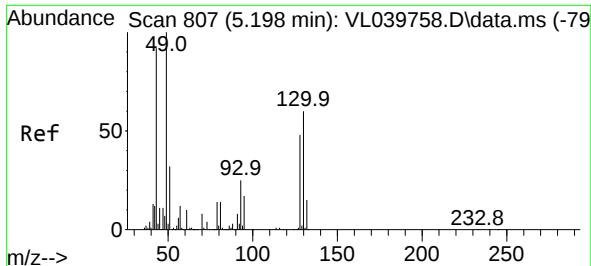
QLast Update : Sat Oct 22 02:12:34 2022

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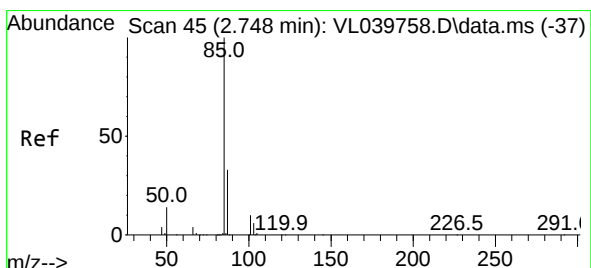
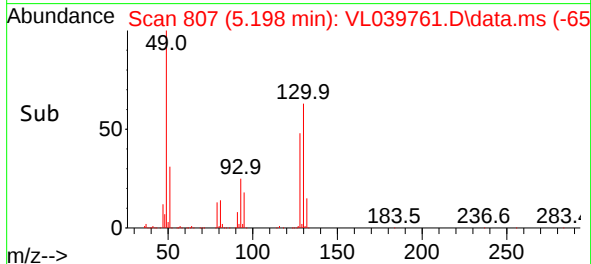
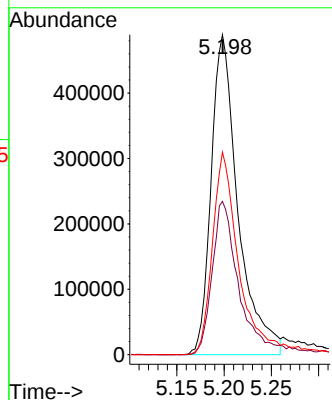
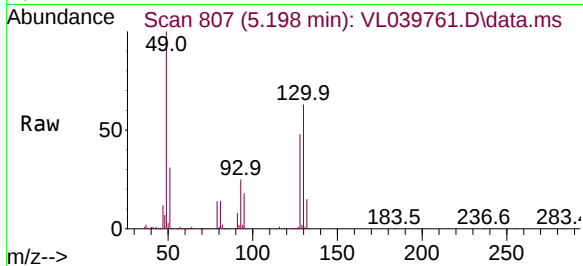
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 96501
Ion Ratio Lower Upper
49 100
128 50.8 22.6 67.8
130 66.1 29.0 87.0

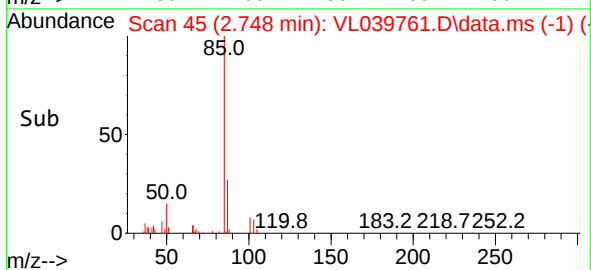
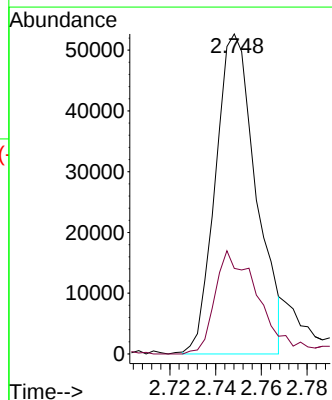
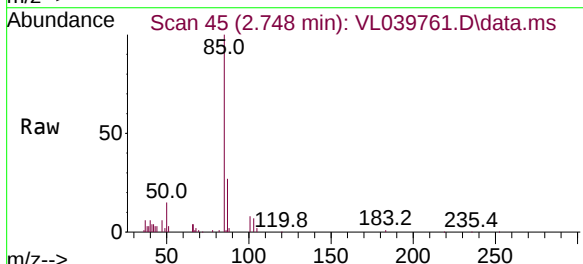
Manual Integrations
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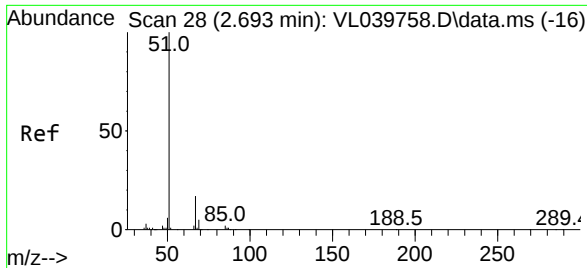
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 0.402 ppbv m
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 85 Resp: 64914
Ion Ratio Lower Upper
85 100
87 26.7 26.6 40.0





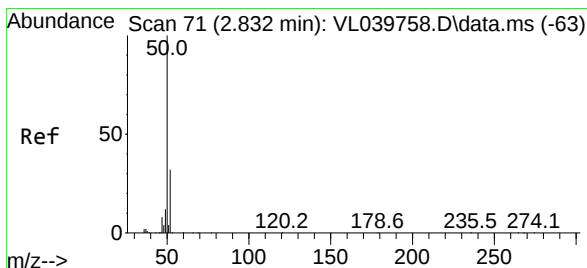
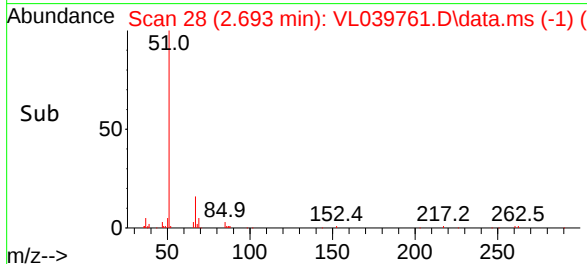
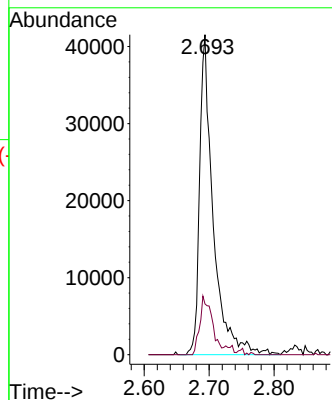
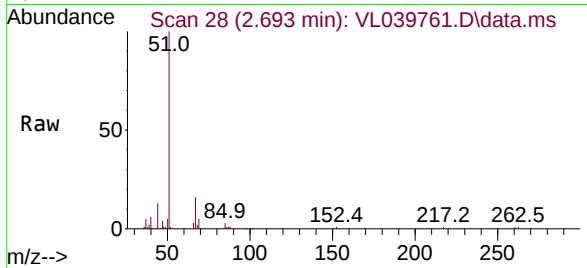
#3
Chlorodifluoromethane
Concen: 0.491 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 60324
Ion Ratio Lower Upper
51 100
67 19.4 14.6 21.8

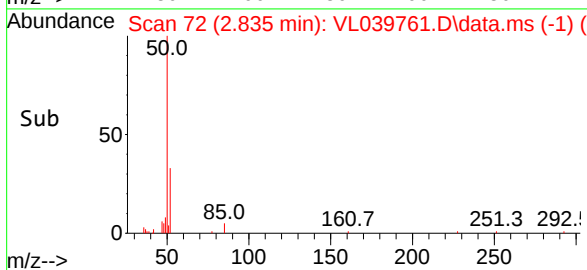
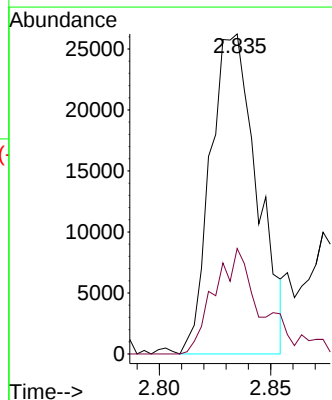
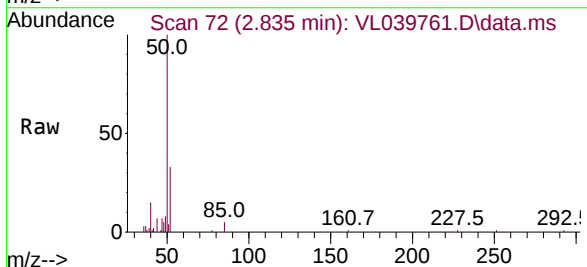
Manual Integrations
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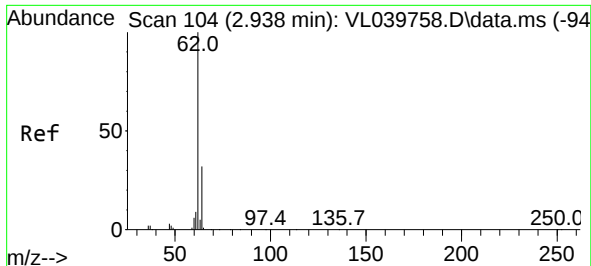
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 0.497 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

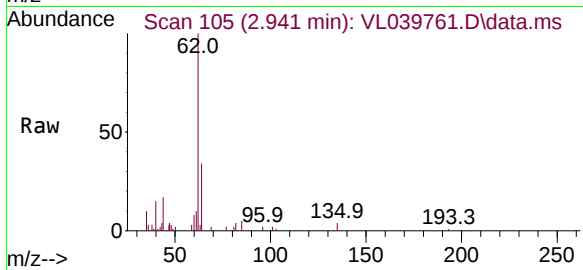
Tgt Ion: 50 Resp: 38199
Ion Ratio Lower Upper
50 100
52 33.0 24.8 37.2





#5
 Vinyl Chloride
 Concen: 0.440 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.003 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

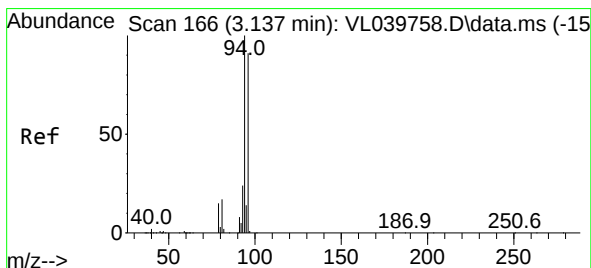
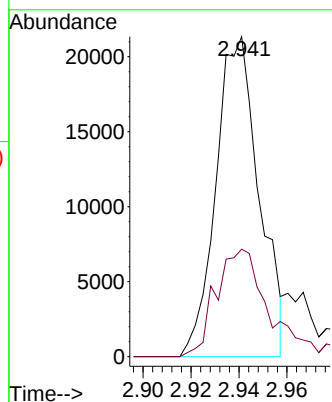
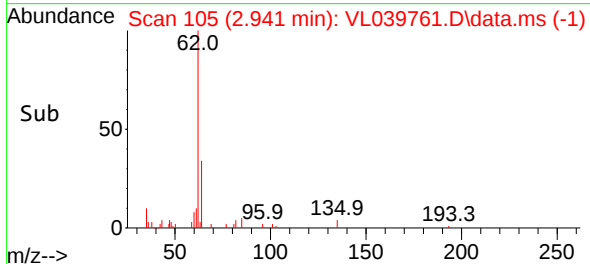
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 26590
 Ion Ratio Lower Upper
 62 100
 64 33.6 27.1 40.7

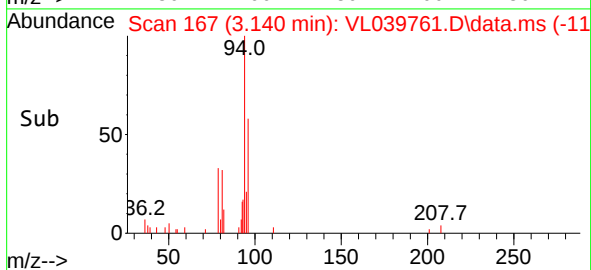
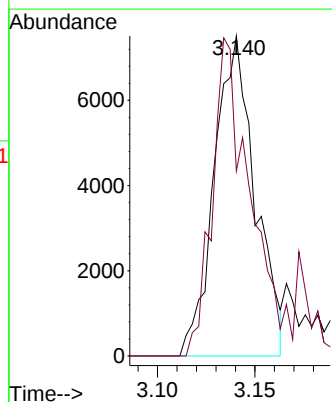
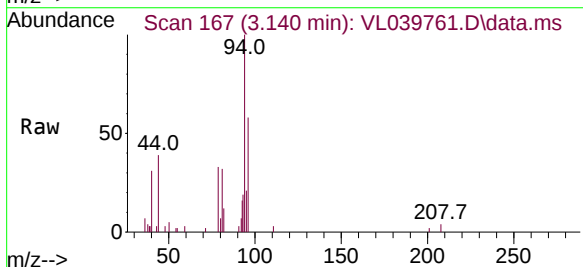
Manual Integrations
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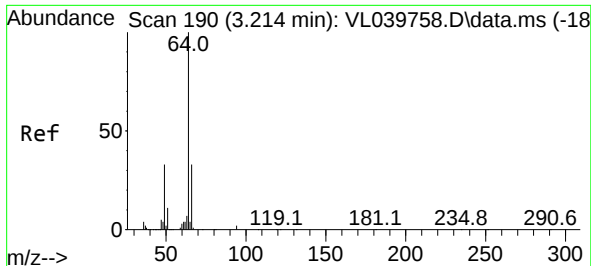
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 0.488 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

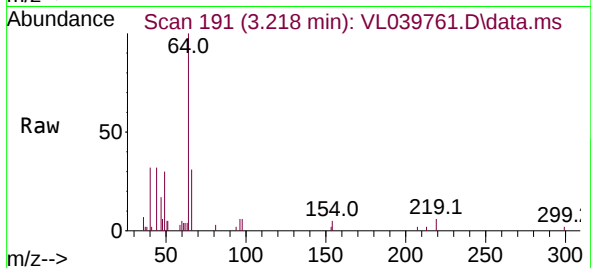
Tgt Ion: 94 Resp: 10925
 Ion Ratio Lower Upper
 94 100
 96 57.8 70.5 105.7#





#7
Chloroethane
Concen: 0.476 ppbv
RT: 3.218 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

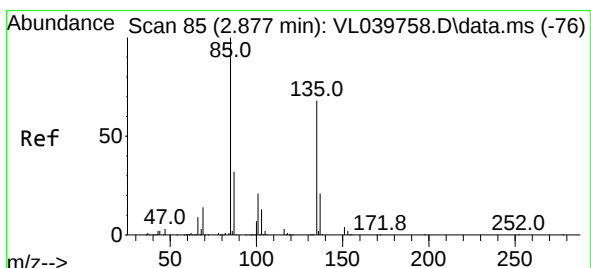
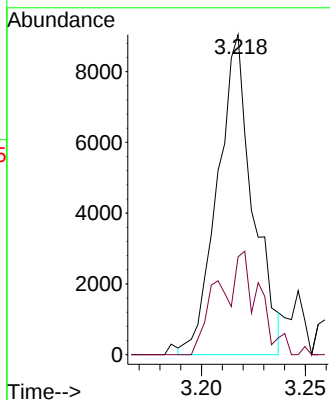
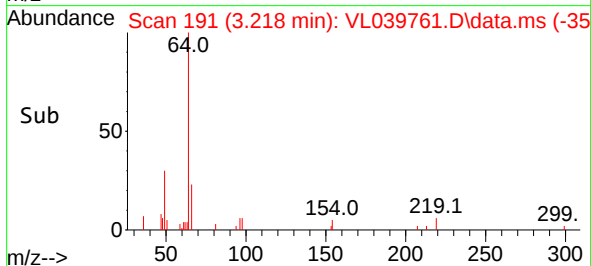
Instrument :
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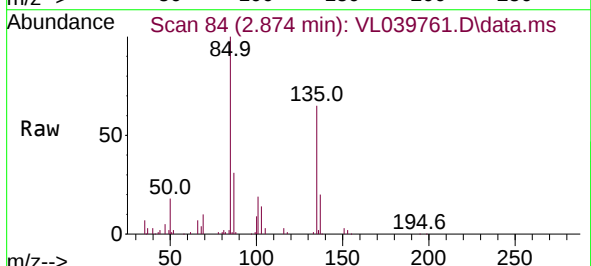
Tgt Ion: 64 Resp: 10654
Ion Ratio Lower Upper
64 100
66 30.5 22.6 34.0

Manual Integrations
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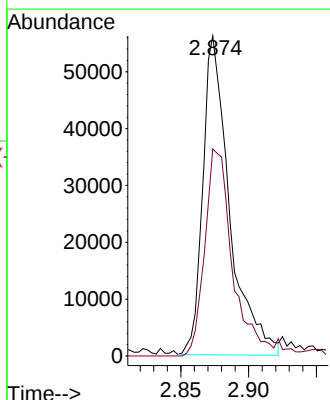
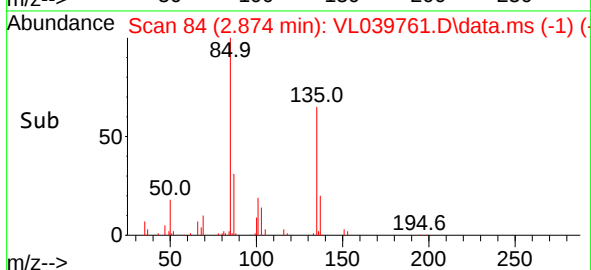
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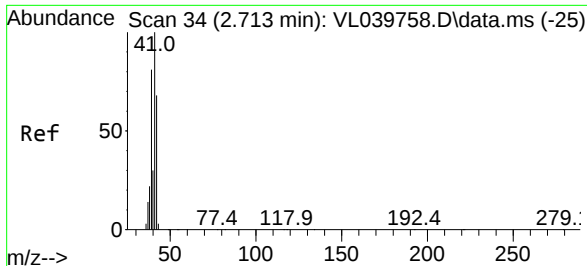


#8
Dichlorotetrafluoroethane
Concen: 0.514 ppbv
RT: 2.874 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



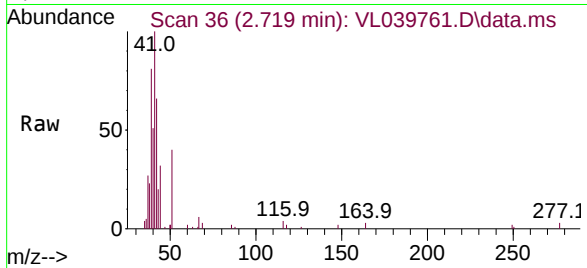
Tgt Ion: 85 Resp: 77046
Ion Ratio Lower Upper
85 100
135 70.2 56.1 84.1





#9
 Propene
 Concen: 0.422 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039761.D
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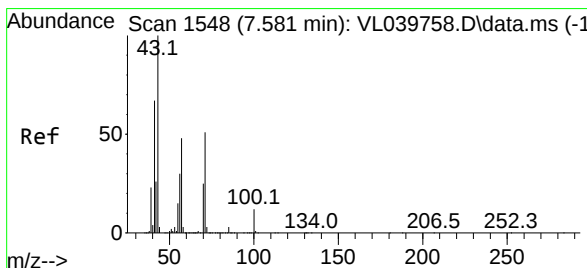
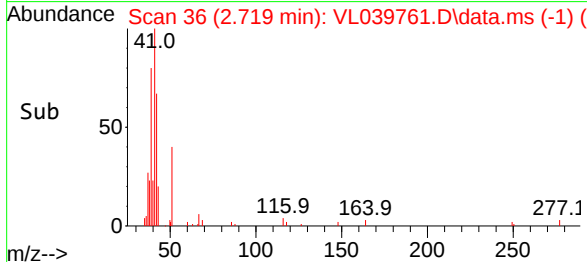
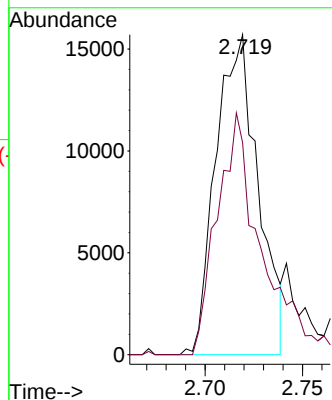
Instrument :
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Tgt Ion: 41 Resp: 23672
 Ion Ratio Lower Upper
 41 100
 42 82.9 54.4 81.6

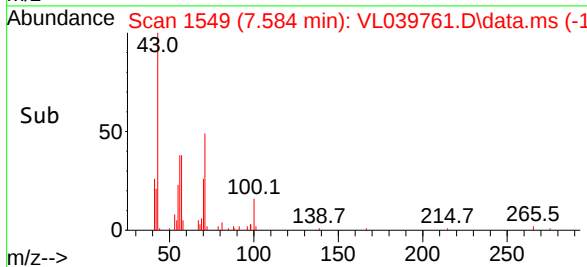
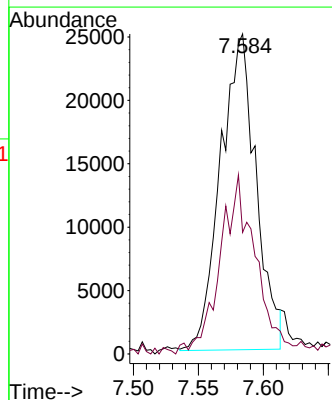
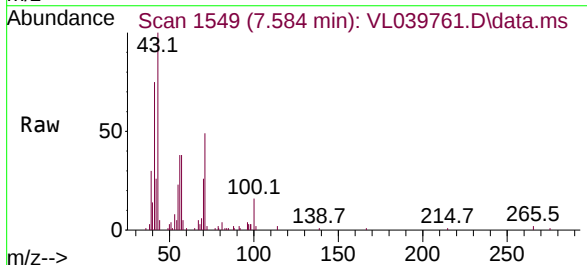
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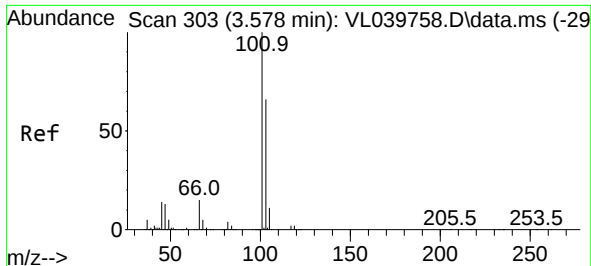
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#10
 Heptane
 Concen: 0.364 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.007 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Tgt Ion: 43 Resp: 47366
 Ion Ratio Lower Upper
 43 100
 57 53.6 40.0 60.0





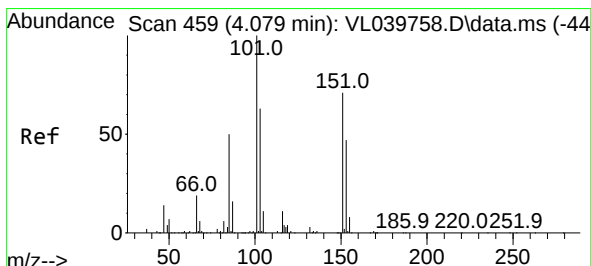
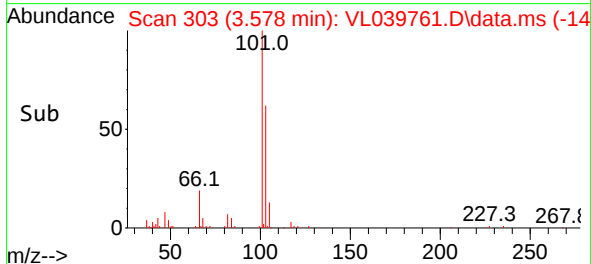
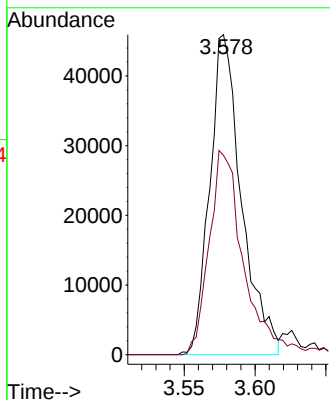
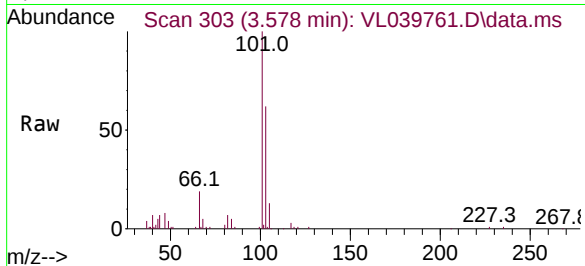
#11
 Trichlorofluoromethane
 Concen: 0.477 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 7167
 Ion Ratio Lower Upper
 101 100
 103 62.3 53.2 79.8

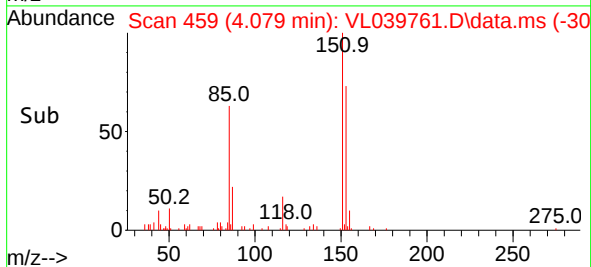
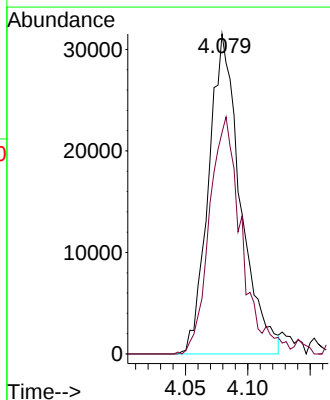
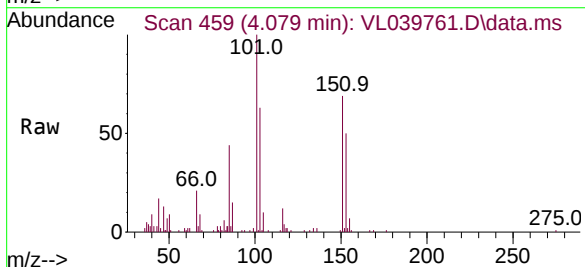
Manual Integrations
 APPROVED

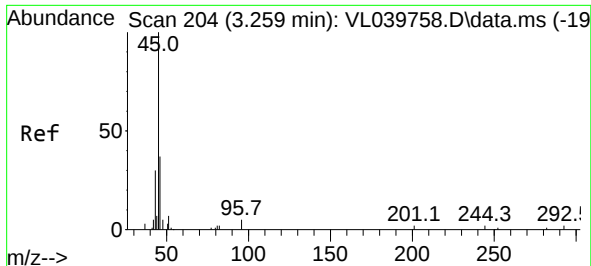
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.465 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

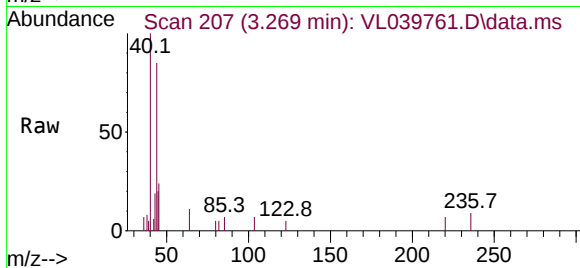
Tgt Ion:101 Resp: 56232
 Ion Ratio Lower Upper
 101 100
 151 76.1 58.0 87.0





#13
Ethanol
Concen: 0.498 ppbv m
RT: 3.269 min Scan# 204
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

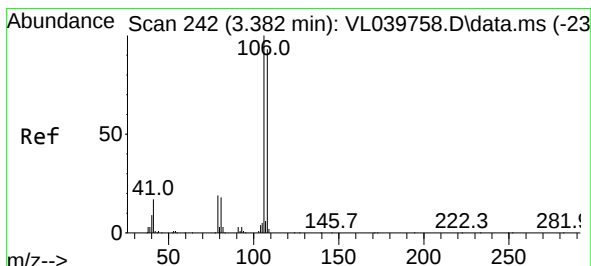
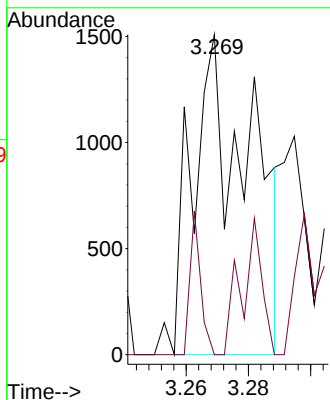
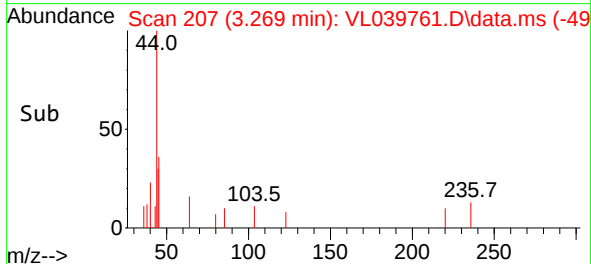
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



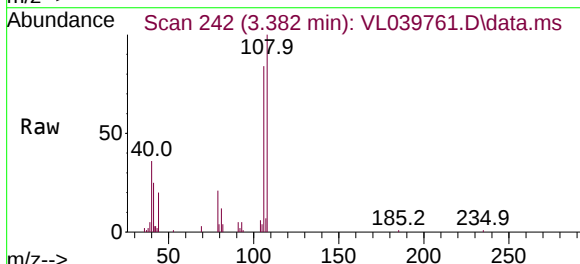
Tgt Ion: 45 Resp: 190
Ion Ratio Lower Upper
45 100
46 41.3 14.8 59.2

Manual Integrations
APPROVED

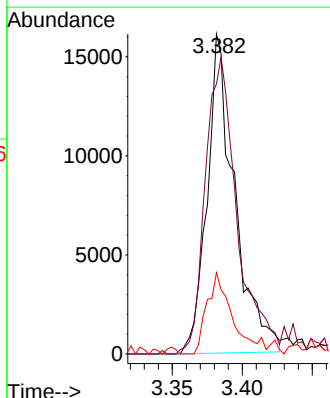
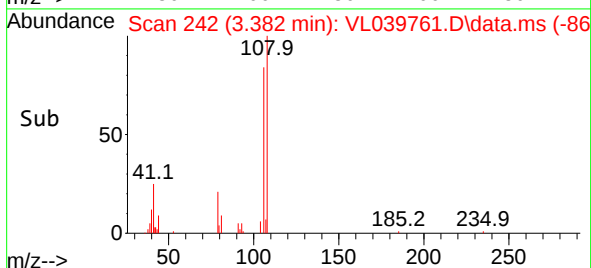
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

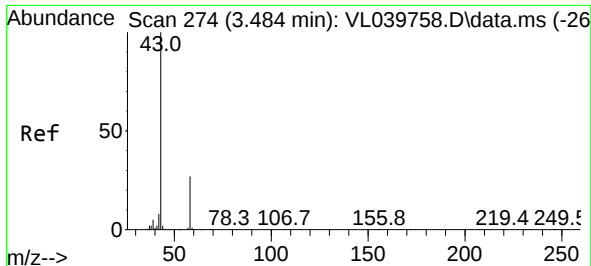


#14
Bromoethene
Concen: 0.478 ppbv m
RT: 3.382 min Scan# 242
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



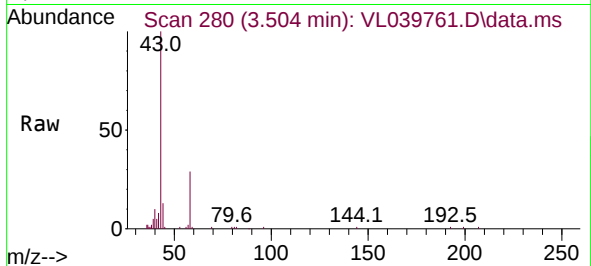
Tgt Ion:108 Resp: 22054
Ion Ratio Lower Upper
108 100
106 113.9 90.2 135.4
79 25.9 16.2 24.2#





#15
Acetone
Concen: 0.509 ppbv m
RT: 3.504 min Scan# 274
Delta R.T. 0.019 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

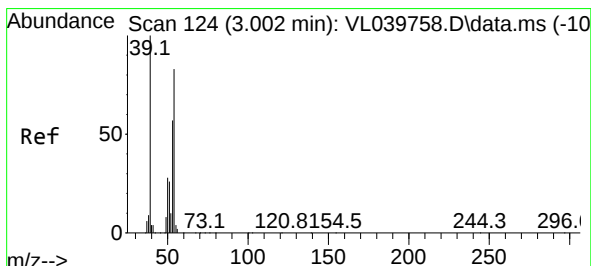
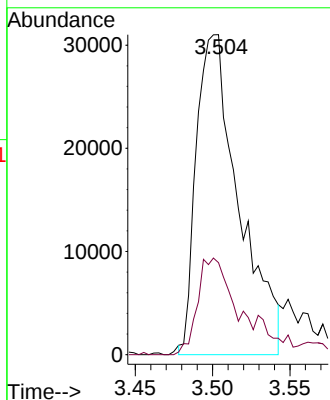
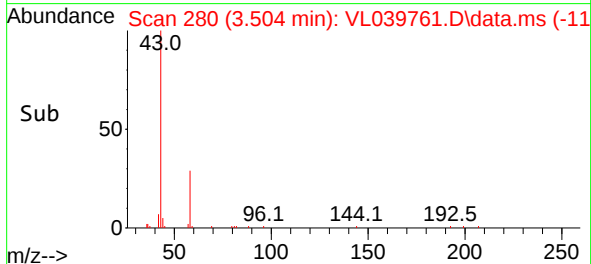
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



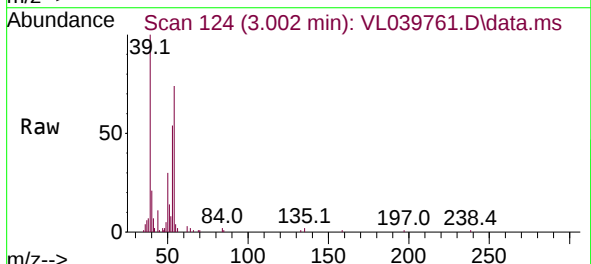
Tgt Ion: 43 Resp: 5933
Ion Ratio Lower Upper
43 100
58 34.2 20.9 31.3

Manual Integrations
APPROVED

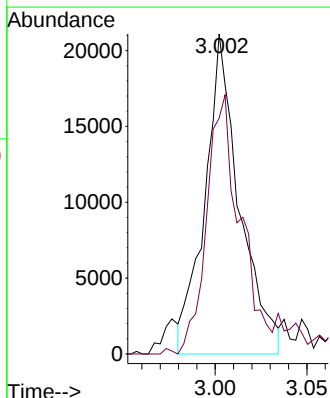
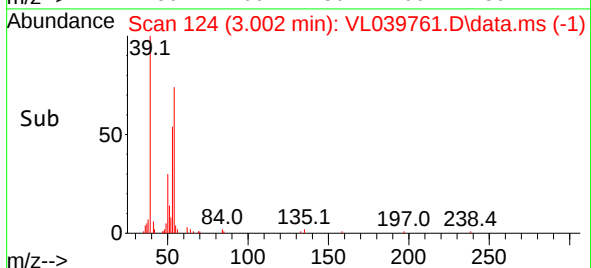
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

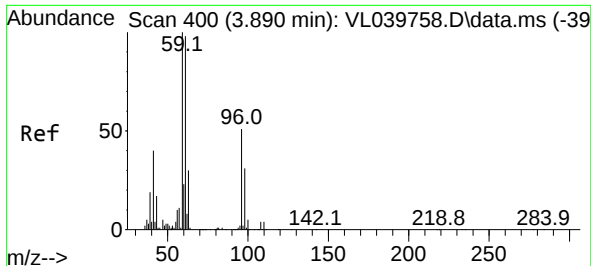


#16
1,3-Butadiene
Concen: 0.474 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



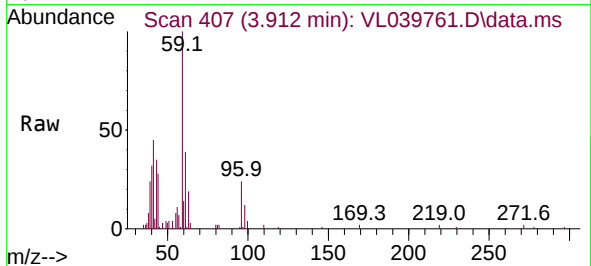
Tgt Ion: 39 Resp: 27707
Ion Ratio Lower Upper
39 100
54 91.4 65.2 97.8





#17
tert-Butyl alcohol
Concen: 0.452 ppbv m
RT: 3.912 min Scan# 407
Delta R.T. 0.023 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

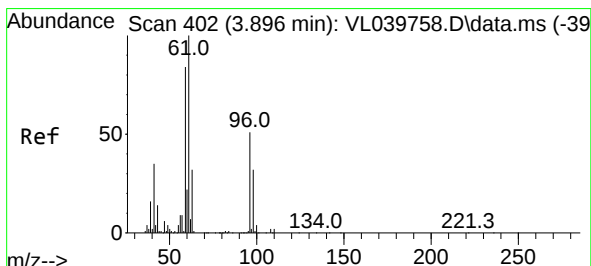
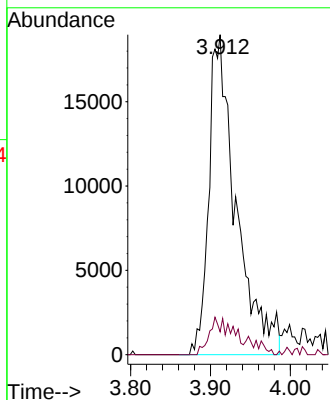
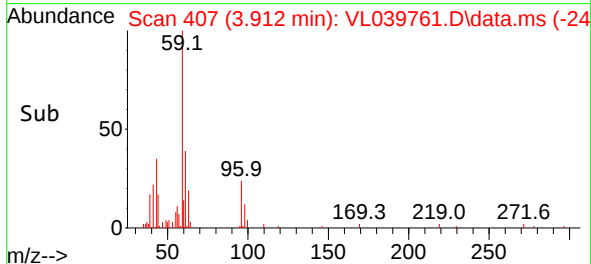
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 59 Resp: 44790
Ion Ratio Lower Upper
59 100
57 12.5 8.2 12.4

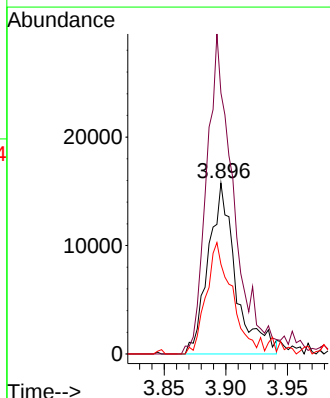
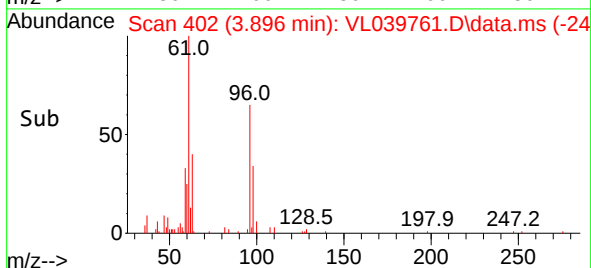
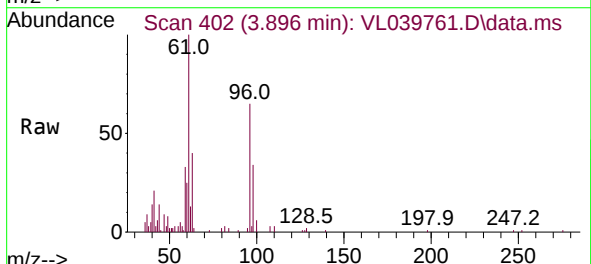
Manual Integrations
APPROVED

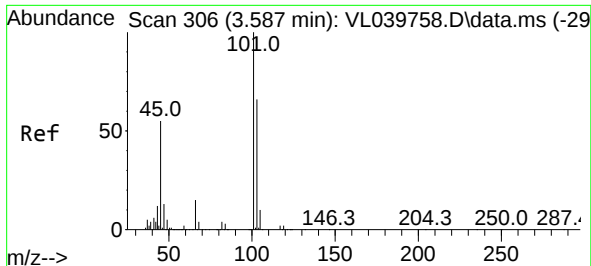
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
1,1-Dichloroethene
Concen: 0.470 ppbv m
RT: 3.896 min Scan# 402
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 96 Resp: 24427
Ion Ratio Lower Upper
96 100
61 152.9 152.7 229.1
98 52.5 50.2 75.2





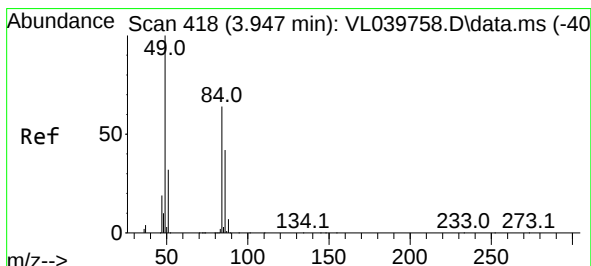
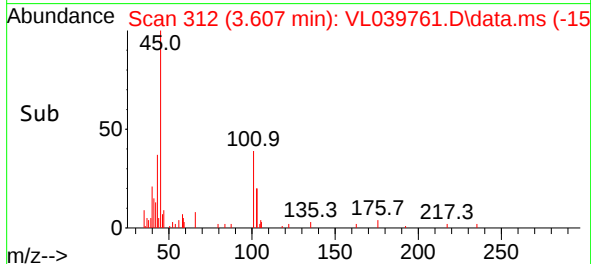
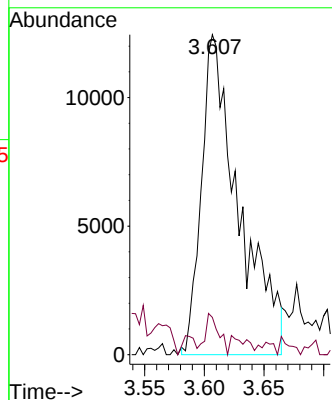
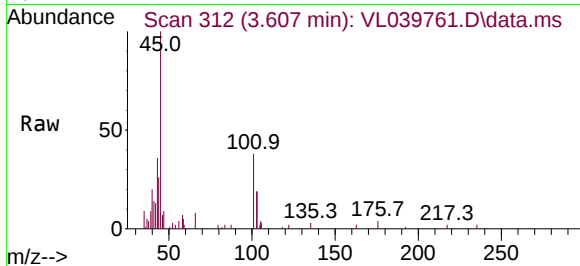
#19
Isopropyl Alcohol
Concen: 0.477 ppbv m
RT: 3.607 min Scan# 312
Delta R.T. 0.016 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 27144
Ion Ratio Lower Upper
45 100
58 8.5 3.3 4.9

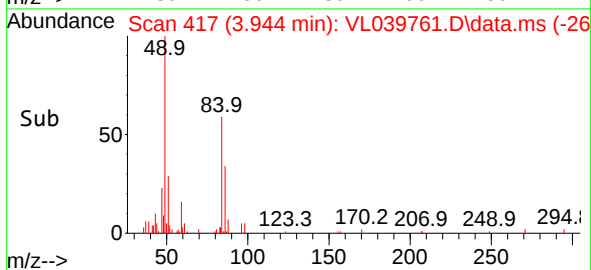
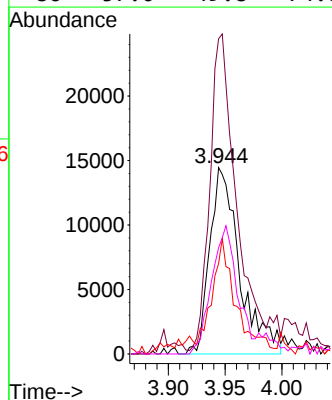
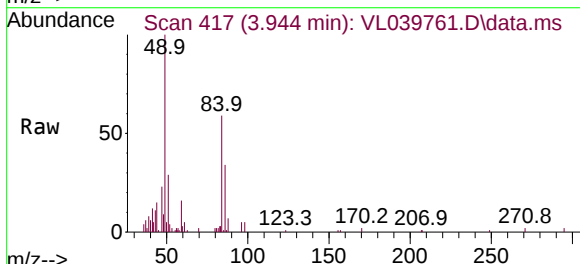
Manual Integrations
APPROVED

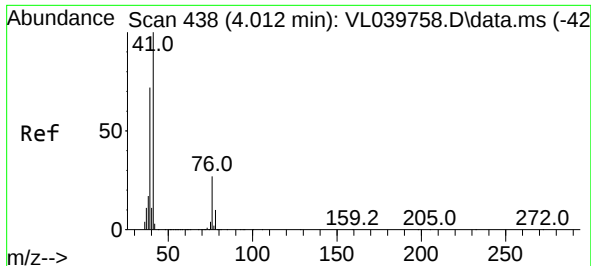
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 0.568 ppbv m
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 84 Resp: 26587
Ion Ratio Lower Upper
84 100
49 169.1 124.2 186.4
51 48.5 36.6 54.8
86 57.0 49.8 74.8





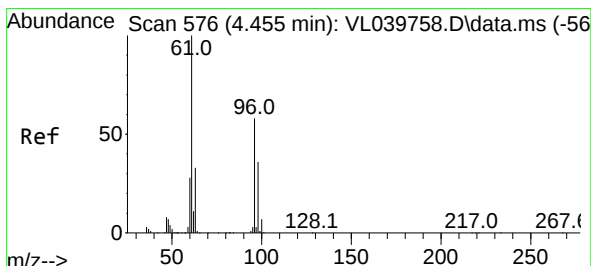
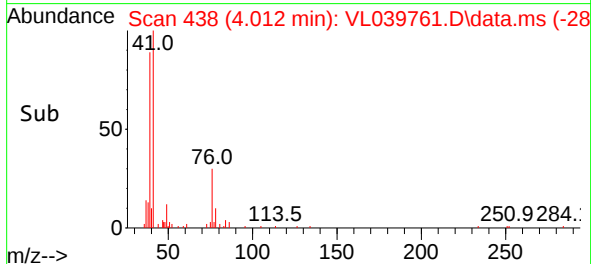
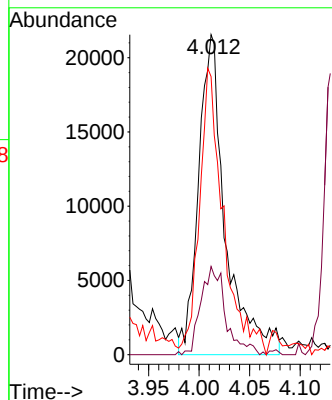
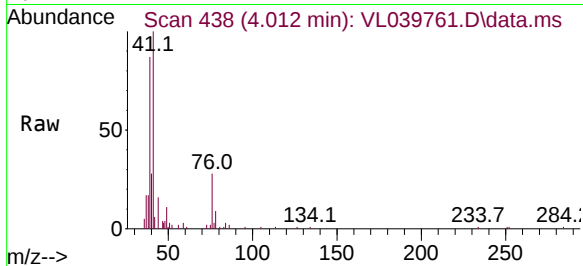
#21
 Allyl Chloride
 Concen: 0.496 ppbv m
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 39872
 Ion Ratio Lower Upper
 41 100
 76 7.6 23.5 35.3#
 39 17.0 67.4 101.2#

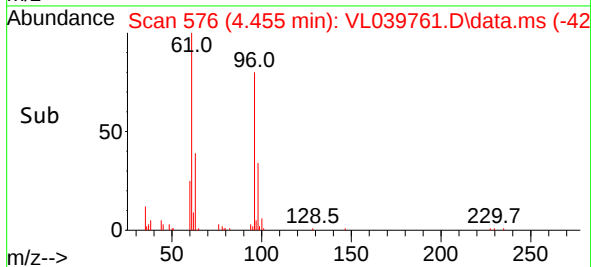
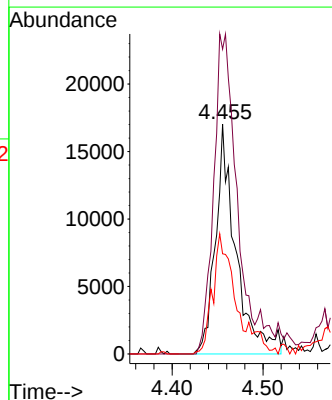
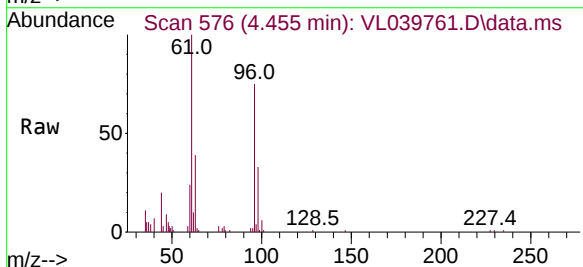
Manual Integrations
 APPROVED

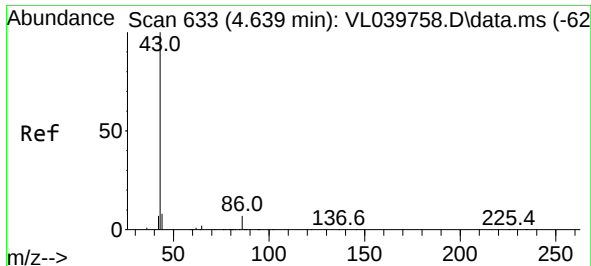
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.503 ppbv m
 RT: 4.455 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Tgt Ion: 96 Resp: 26497
 Ion Ratio Lower Upper
 96 100
 61 132.5 132.9 199.3#
 98 43.6 51.6 77.4#





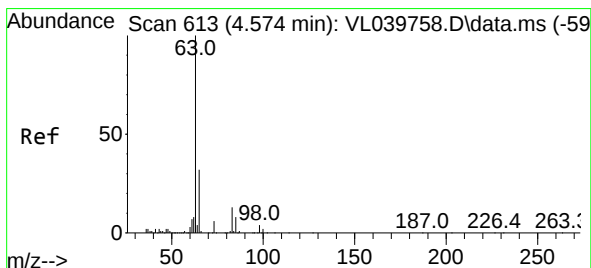
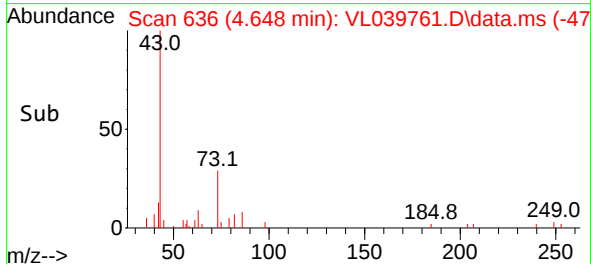
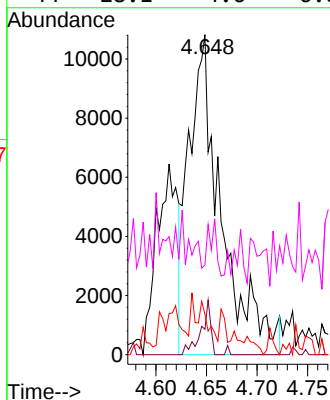
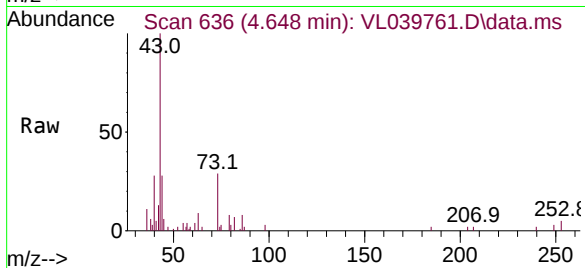
#23
 Vinyl Acetate
 Concen: 0.494 ppbv m
 RT: 4.648 min Scan# 613
 Delta R.T. 0.013 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 24275
 Ion Ratio Lower Upper
 43 100
 86 7.9 4.3 6.5
 42 12.6 7.9 11.9
 44 28.1 4.6 6.8

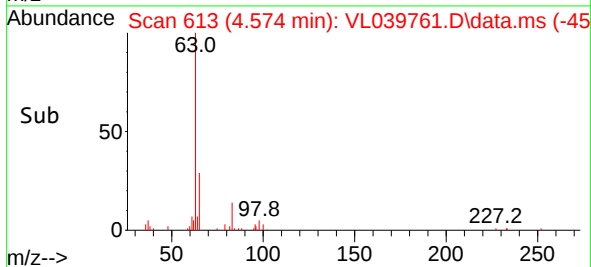
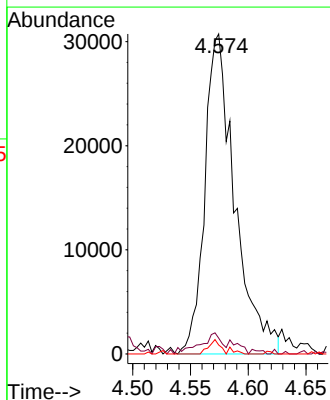
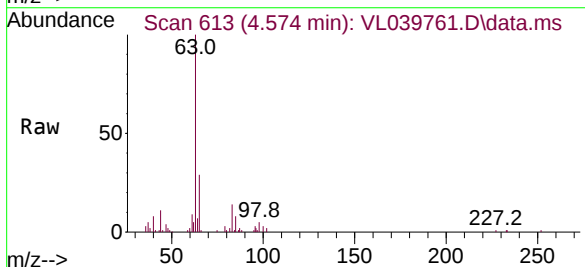
Manual Integrations
 APPROVED

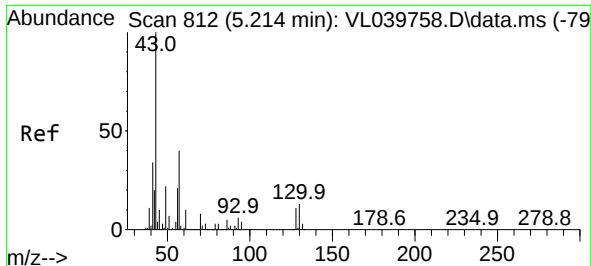
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 0.496 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

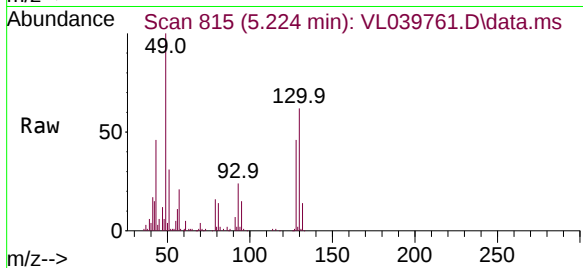
Tgt Ion: 63 Resp: 55595
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.1 6.5
 100 2.8 1.2 3.6





#25
Ethyl Acetate
Concen: 0.453 ppbv
RT: 5.224 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

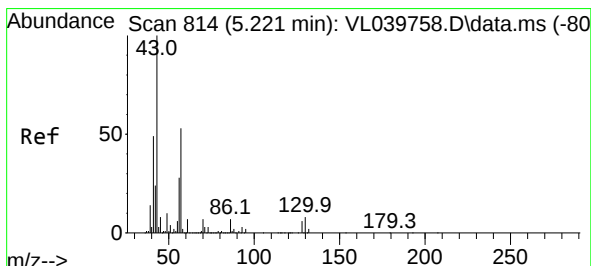
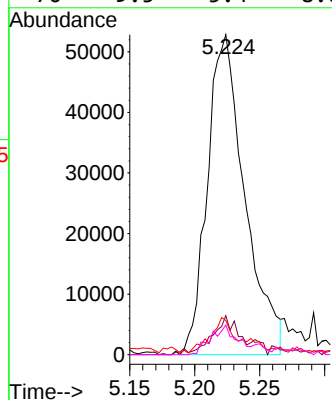
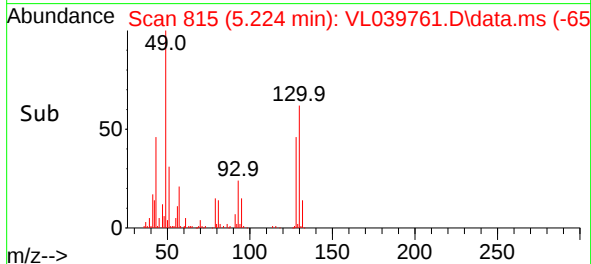
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 10563
Ion Ratio Lower Upper
43 100
45 11.0 8.1 12.1
61 11.7 7.5 11.3
70 9.5 5.4 8.0

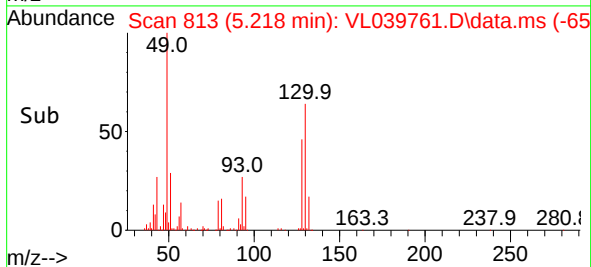
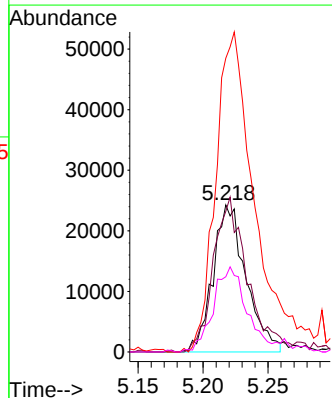
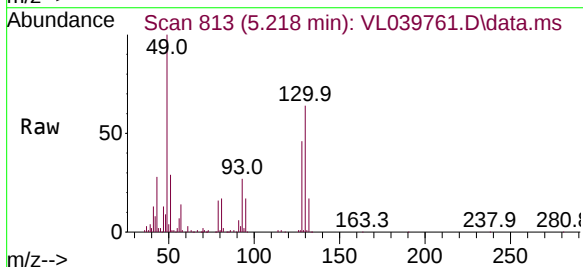
Manual Integrations
APPROVED

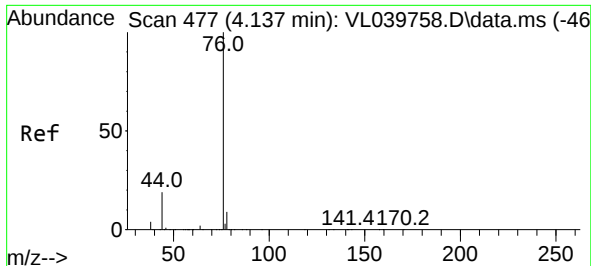
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Hexane
Concen: 0.452 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

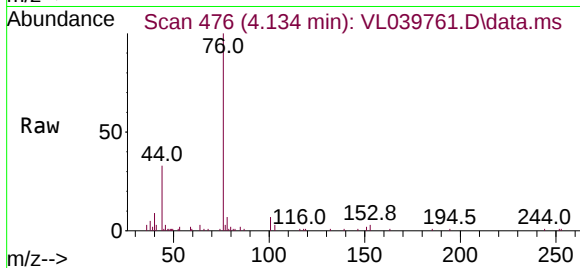
Tgt Ion: 57 Resp: 42996
Ion Ratio Lower Upper
57 100
41 111.9 76.8 115.2
43 253.4 201.0 301.4
56 63.3 43.5 65.3





#27
Carbon Disulfide
Concen: 0.401 ppbv m
RT: 4.134 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

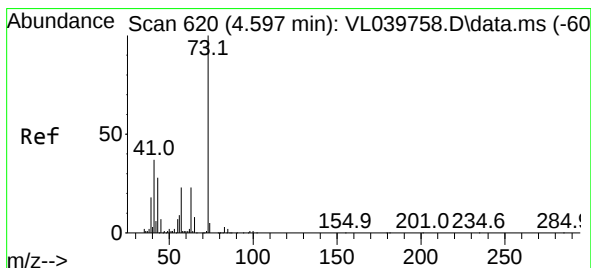
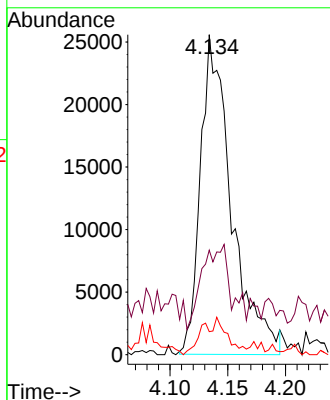
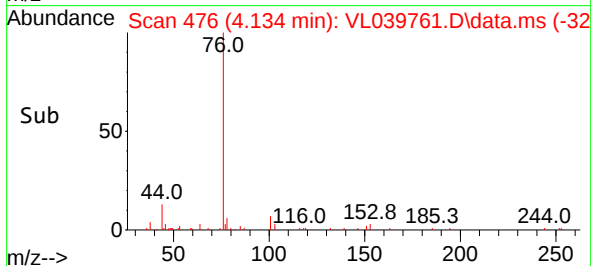
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



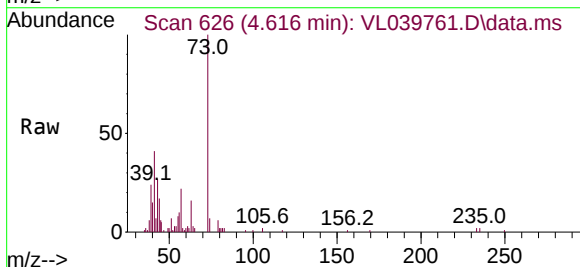
Tgt Ion: 76 Resp: 4777
Ion Ratio Lower Upper
76 100
44 27.6 14.5 21.7
78 9.7 8.1 12.1

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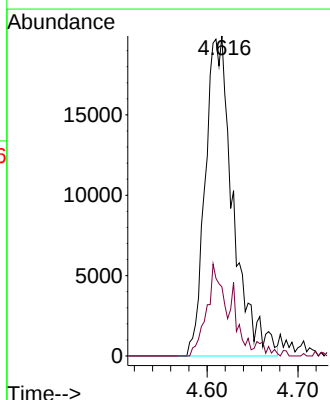
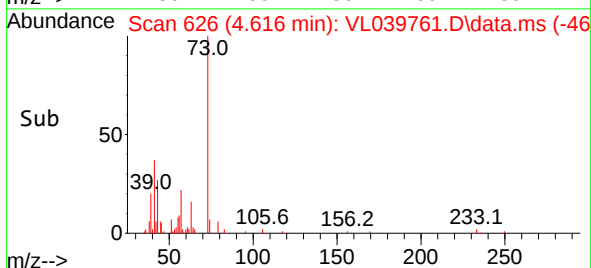
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

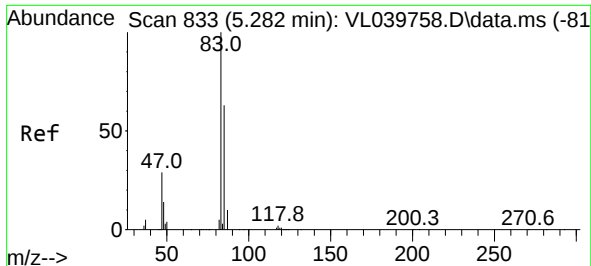


#28
Methyl tert-Butyl Ether
Concen: 0.470 ppbv m
RT: 4.616 min Scan# 626
Delta R.T. 0.019 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



Tgt Ion: 73 Resp: 42399
Ion Ratio Lower Upper
73 100
57 25.8 19.4 29.2





#29

Chloroform

Concen: 0.472 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 72004

Ion Ratio Lower Upper

83 100

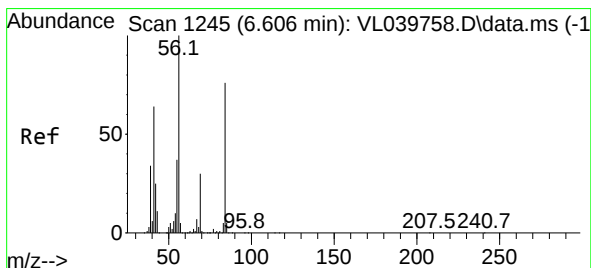
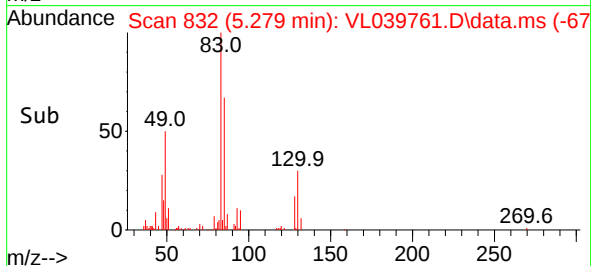
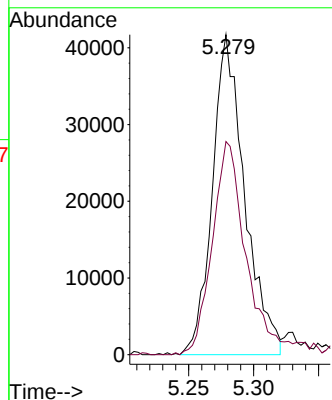
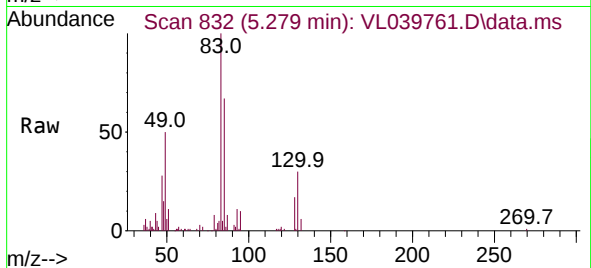
85 66.6 53.5 80.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 0.462 ppbv m

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

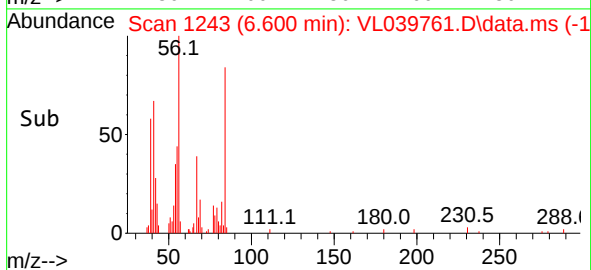
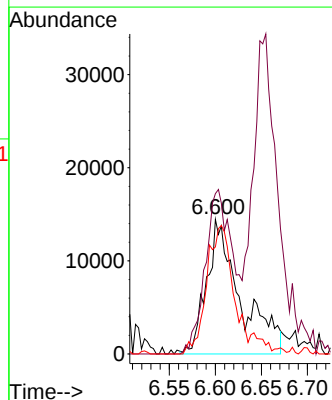
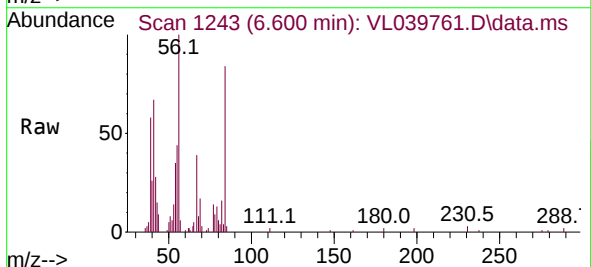
Tgt Ion: 84 Resp: 36916

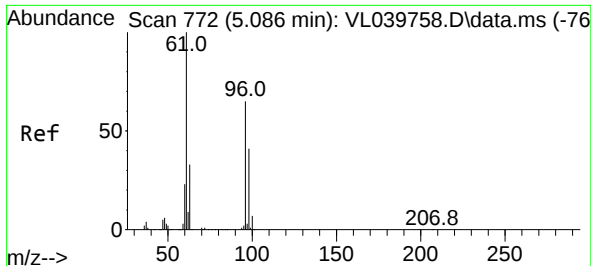
Ion Ratio Lower Upper

84 100

56 95.6 114.2 171.4#

41 82.6 74.2 111.2





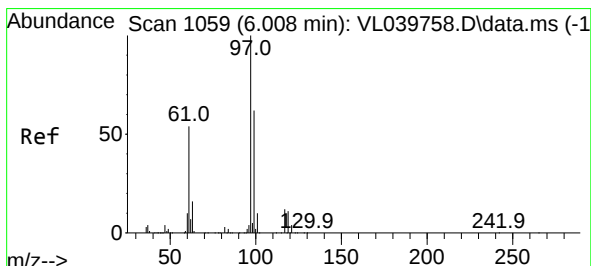
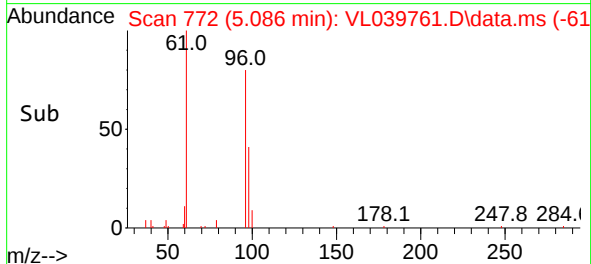
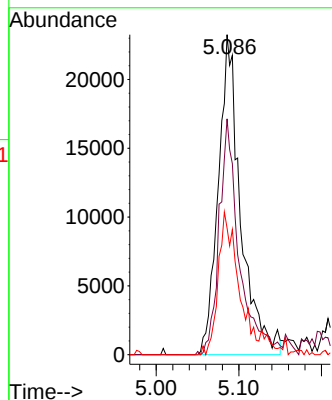
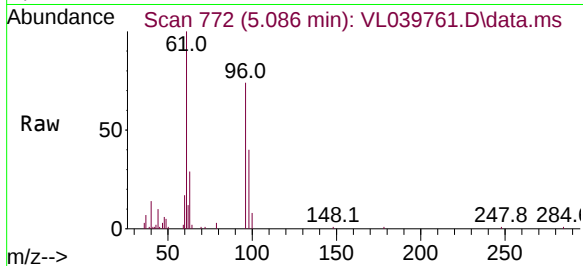
#31
 cis-1,2-Dichloroethene
 Concen: 0.513 ppbv m
 RT: 5.086 min Scan# 772
 Delta R.T. 0.003 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 43762
 Ion Ratio Lower Upper
 61 100
 96 73.7 48.3 72.5
 98 39.6 33.2 49.8

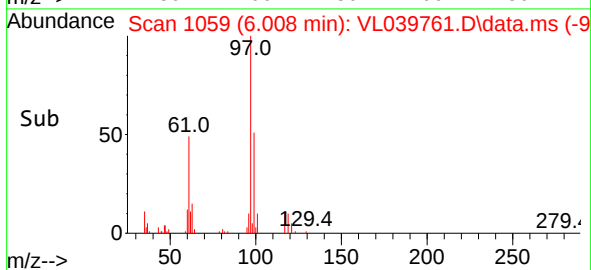
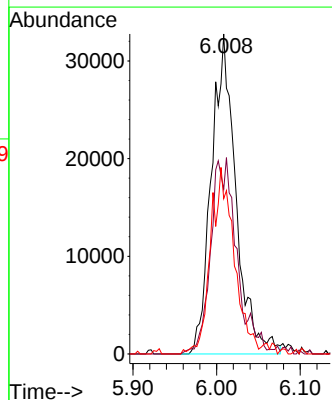
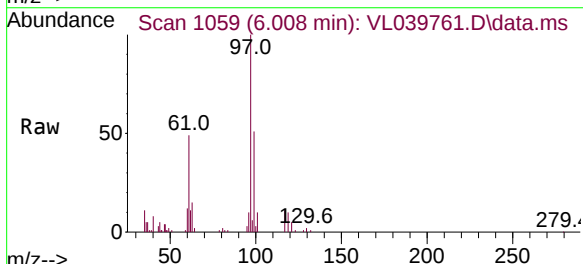
Manual Integrations
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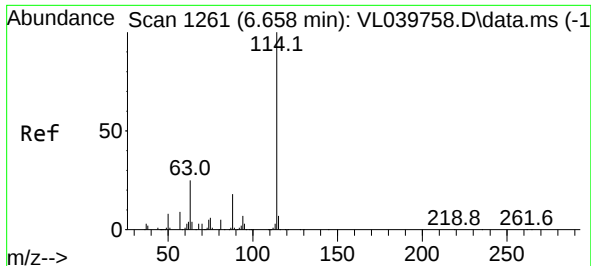
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.504 ppbv m
 RT: 6.008 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

Tgt Ion: 97 Resp: 66659
 Ion Ratio Lower Upper
 97 100
 99 66.4 53.0 79.4
 61 57.6 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:114 Resp: 260664

Ion Ratio Lower Upper

114 100

63 25.0 19.8 29.6

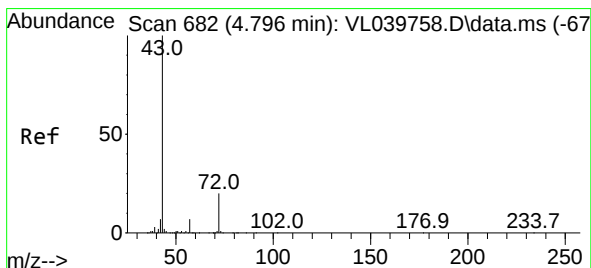
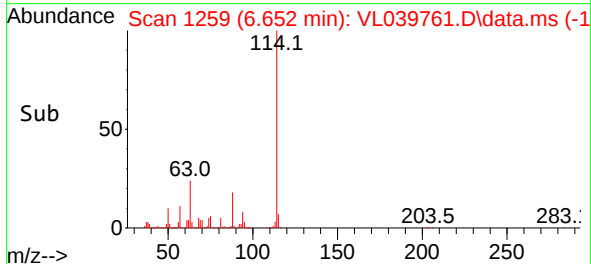
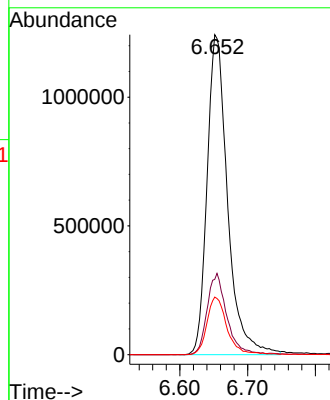
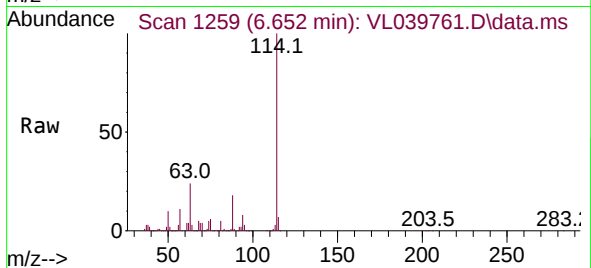
88 17.8 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 0.515 ppbv m

RT: 4.812 min Scan# 687

Delta R.T. 0.016 min

Lab File: VL039761.D

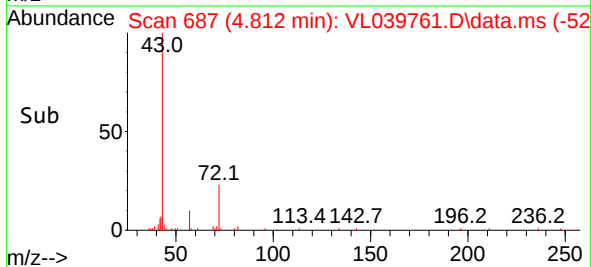
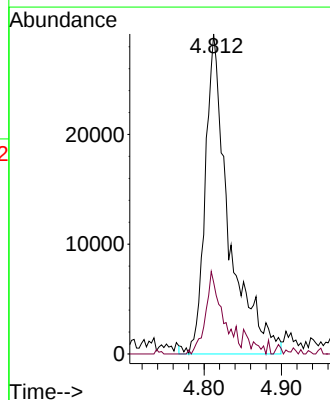
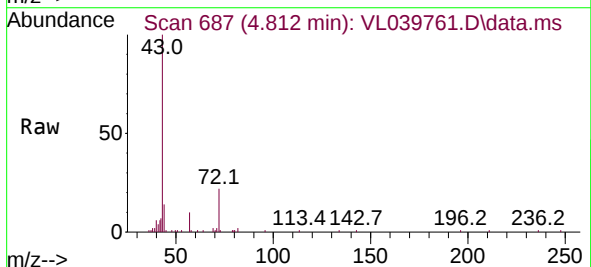
Acq: 24 Oct 2022 15:51

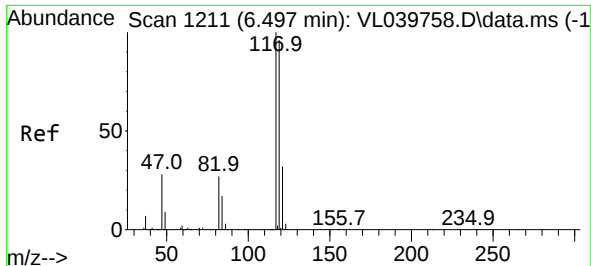
Tgt Ion: 43 Resp: 61917

Ion Ratio Lower Upper

43 100

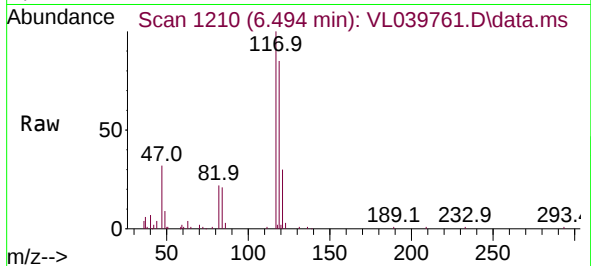
72 23.2 17.1 25.7





#35
Carbon Tetrachloride
Concen: 0.501 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

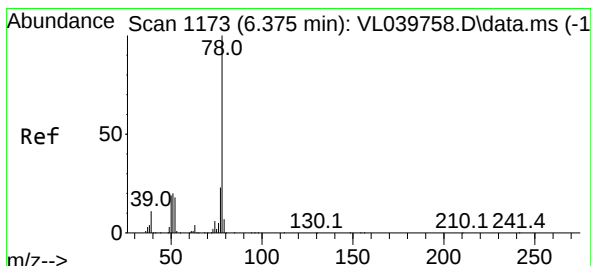
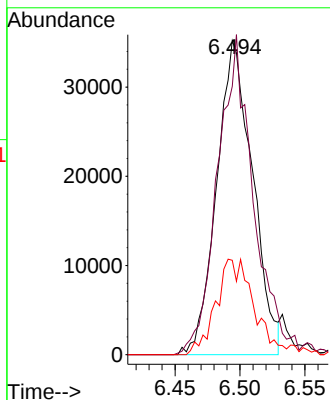
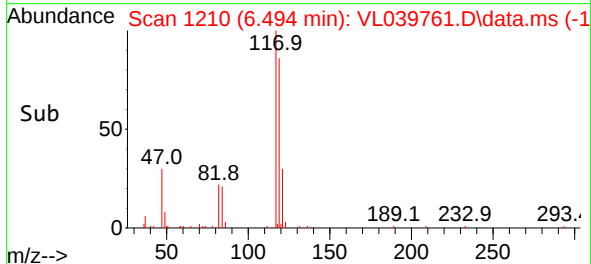
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 67630
Ion Ratio Lower Upper
117 100
119 84.9 79.2 118.8
121 30.0 25.0 37.6

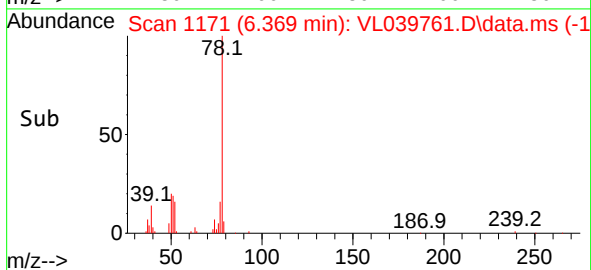
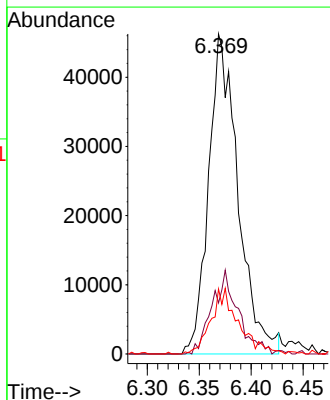
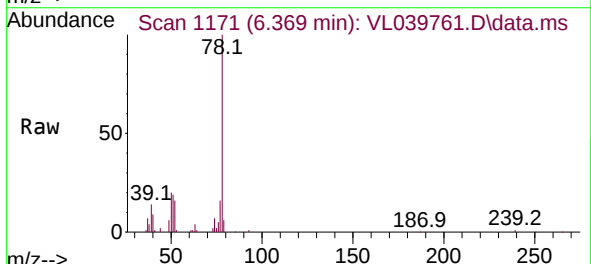
Manual Integrations
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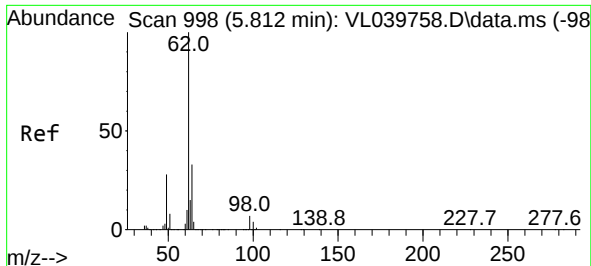
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 0.463 ppbv m
RT: 6.369 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 78 Resp: 91089
Ion Ratio Lower Upper
78 100
77 15.9 17.3 25.9#
50 20.3 14.9 22.3





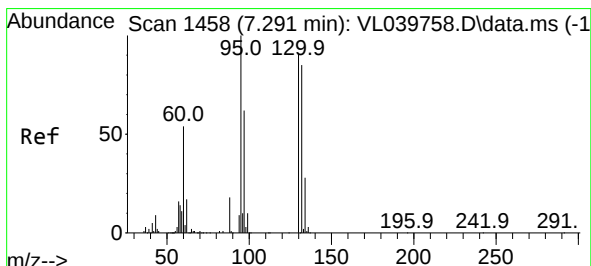
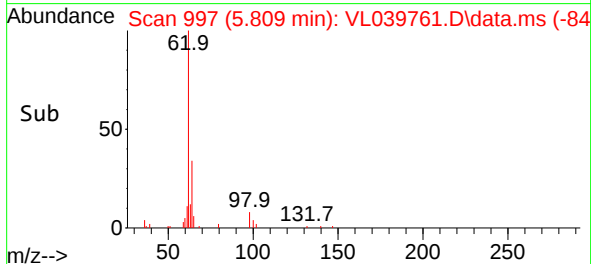
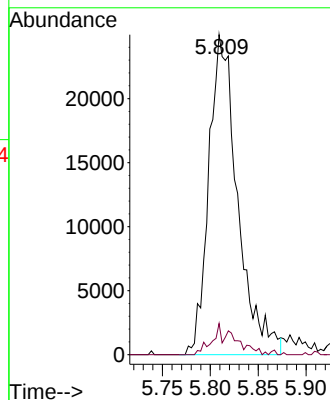
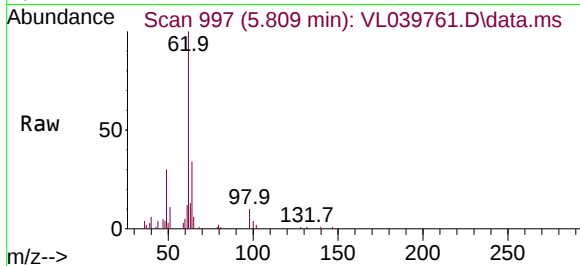
#37
1,2-Dichloroethane
Concen: 0.493 ppbv m
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 52225
Ion Ratio Lower Upper
62 100
98 7.6 5.4 8.0

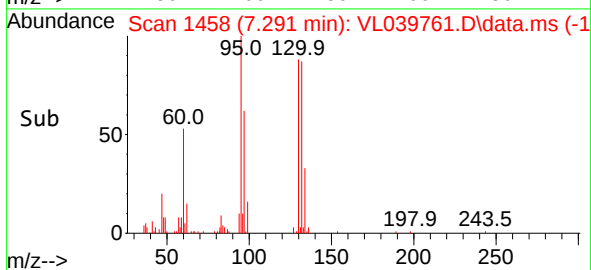
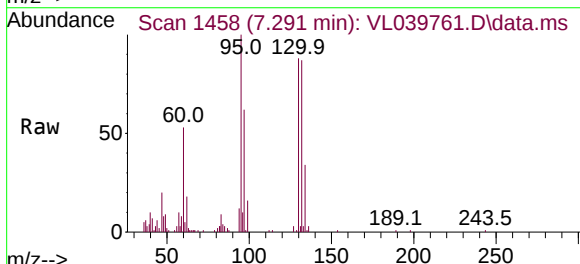
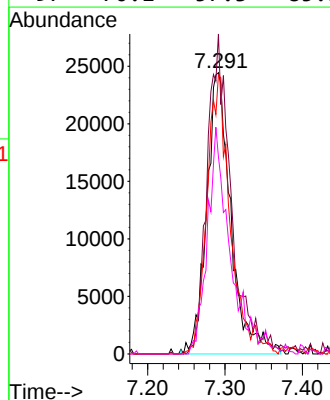
Manual Integrations
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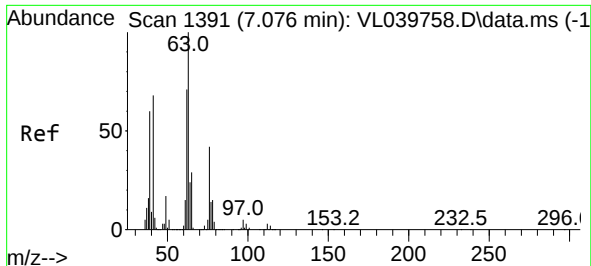
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 0.504 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion:130 Resp: 53172
Ion Ratio Lower Upper
130 100
95 113.7 85.4 128.2
132 99.1 73.0 109.6
97 70.1 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.514 ppbv m

RT: 7.079 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

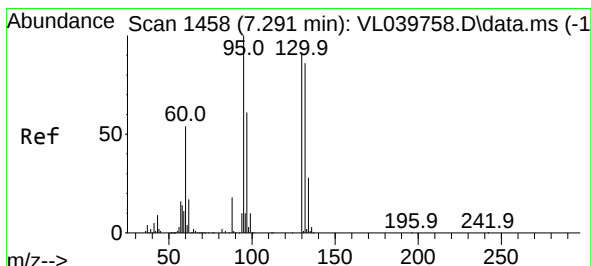
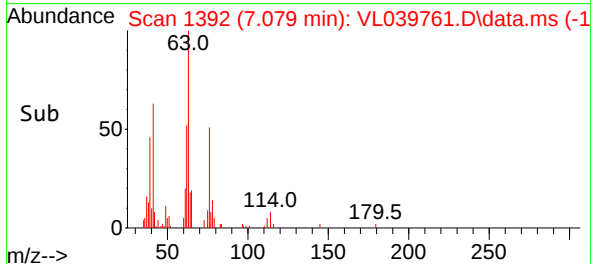
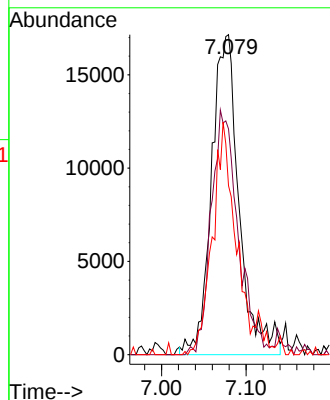
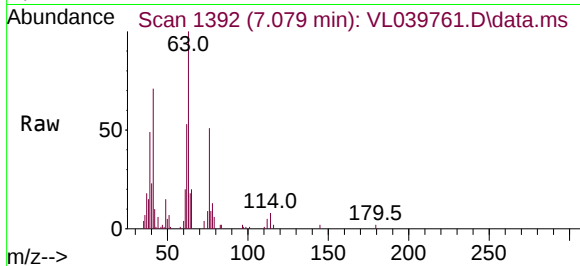
VSTDICC0.5

Tgt Ion:	63	Resp:	3878
Ion	Ratio	Lower	Upper
63	100		
41	70.6	59.5	89.3
62	52.8	55.2	82.8

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 0.408 ppbv m

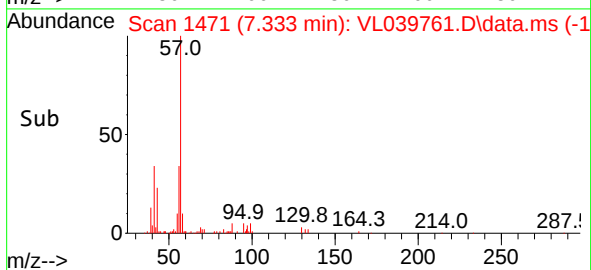
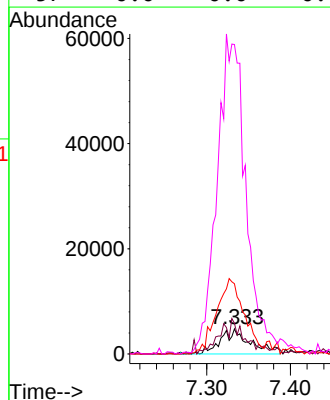
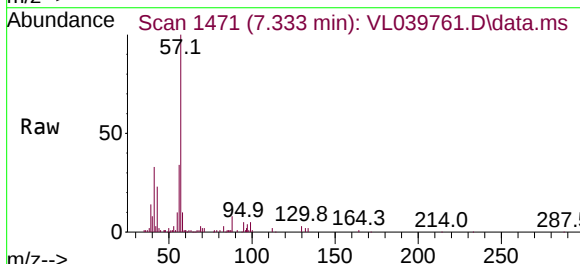
RT: 7.333 min Scan# 1471

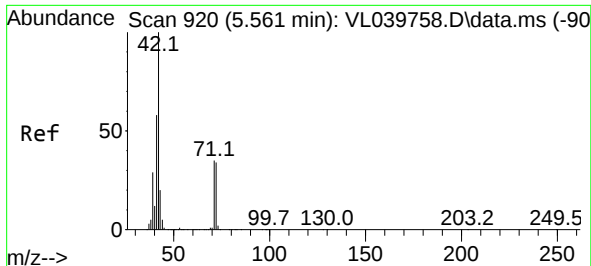
Delta R.T. 0.052 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Tgt Ion:	88	Resp:	11796
Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.6	152.4
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.419 ppbv m

RT: 5.594 min Scan# 91

Delta R.T. 0.032 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

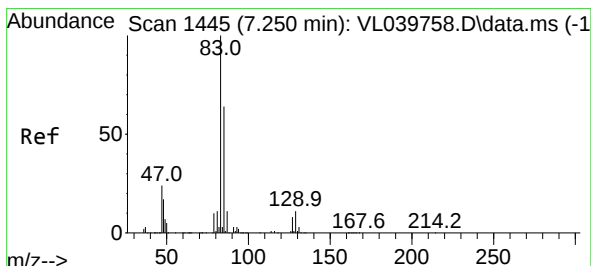
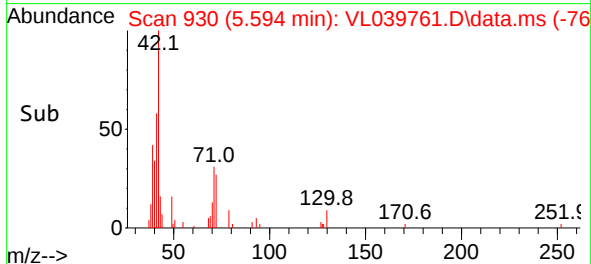
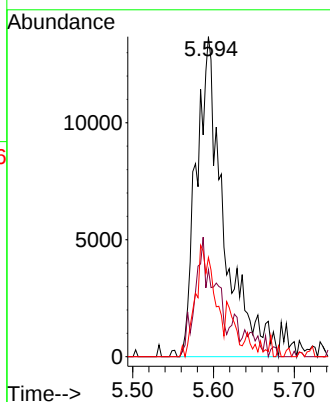
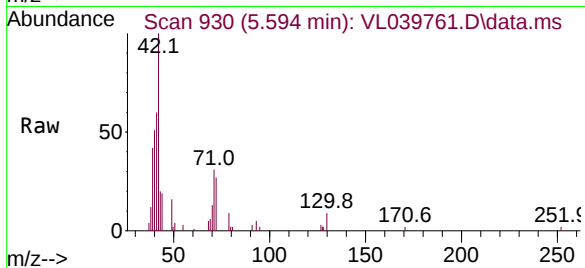
VSTDIC0.5

Tgt Ion:	42	Resp:	32270
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.0	45.0
71	0.0	29.3	43.9

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.498 ppbv m

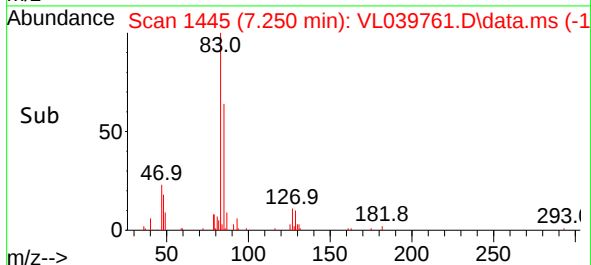
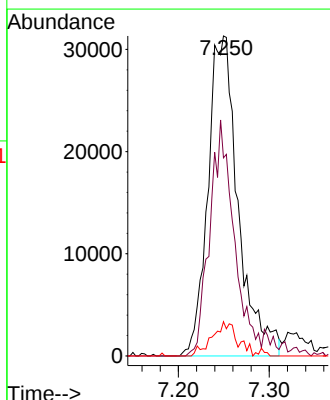
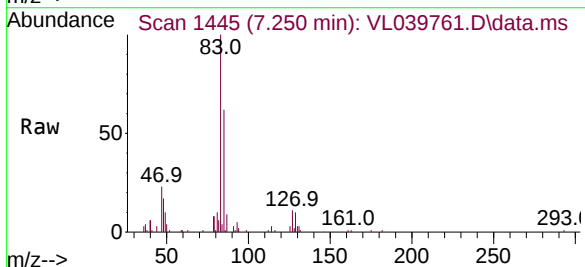
RT: 7.250 min Scan# 1445

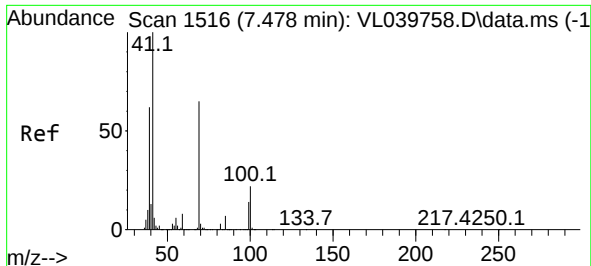
Delta R.T. 0.003 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Tgt Ion:	83	Resp:	72493
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.0	76.6
127	10.7	6.5	9.7





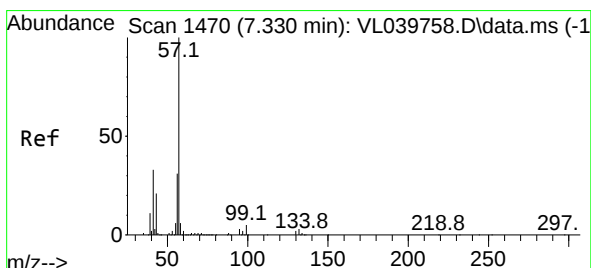
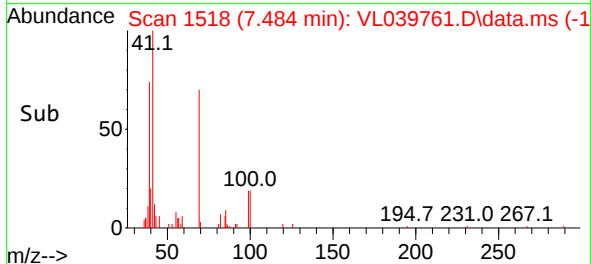
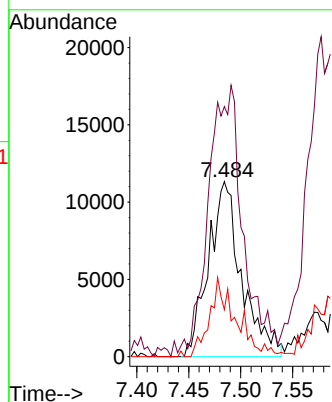
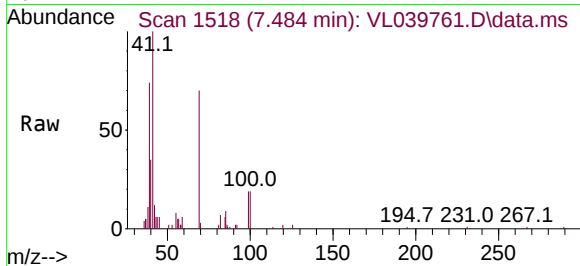
#43
Methyl Methacrylate
Concen: 0.355 ppbv m
RT: 7.484 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 2512
Ion Ratio Lower Upper
69 100
41 0.0 124.6 186.8
100 0.0 27.5 41.3

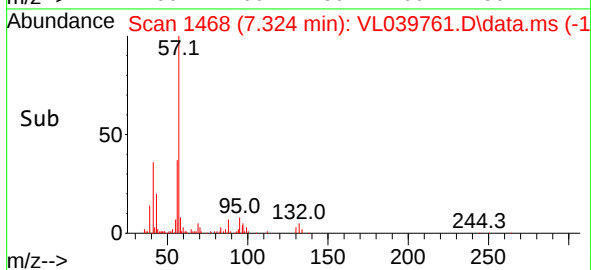
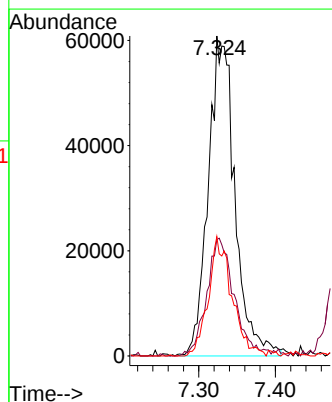
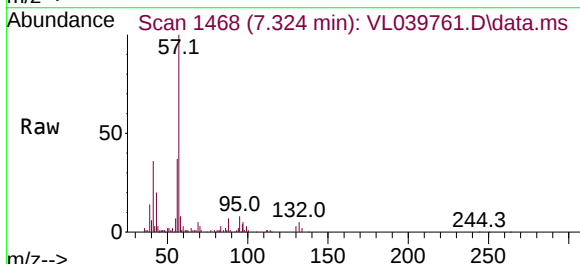
Manual Integrations
APPROVED

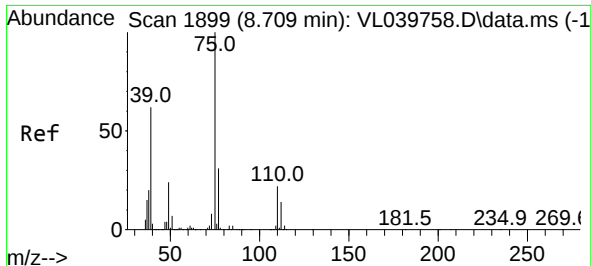
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 0.440 ppbv m
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 57 Resp: 146739
Ion Ratio Lower Upper
57 100
41 0.0 27.1 40.7
56 33.5 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 0.352 ppbv m

RT: 8.713 min Scan# 1899

Delta R.T. 0.007 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

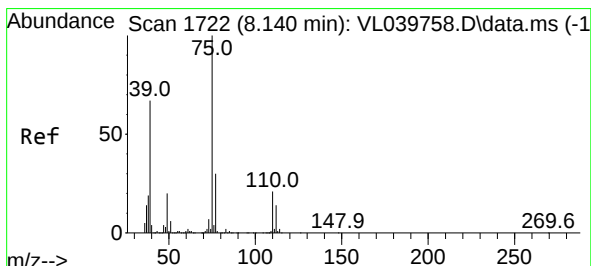
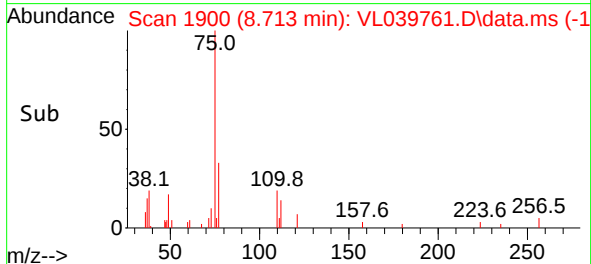
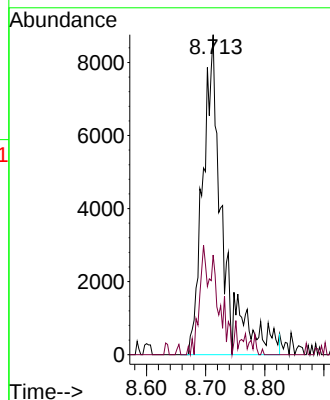
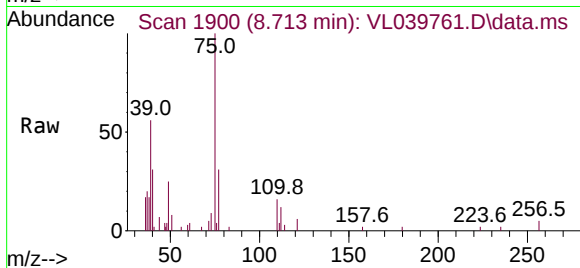
VSTDICC0.5

Tgt Ion: 75 Resp: 20649
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 39.8

Manual Integrations

APPROVED

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



#46

cis-1,3-Dichloropropene

Concen: 0.336 ppbv m

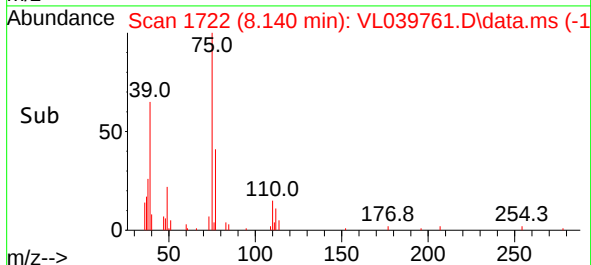
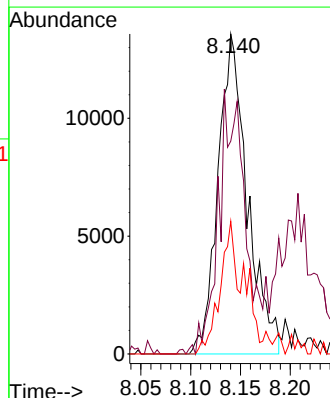
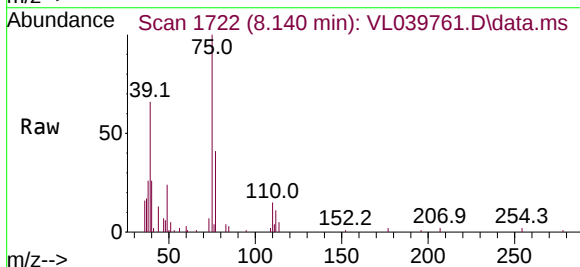
RT: 8.140 min Scan# 1722

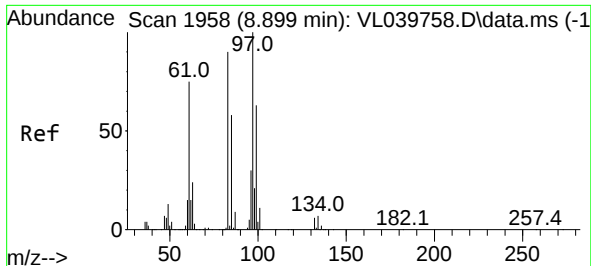
Delta R.T. 0.000 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Tgt Ion: 75 Resp: 27841
 Ion Ratio Lower Upper
 75 100
 39 66.5 52.2 78.4
 77 41.5 26.6 40.0#





#47

1,1,2-Trichloroethane

Concen: 0.476 ppbv m

RT: 8.896 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

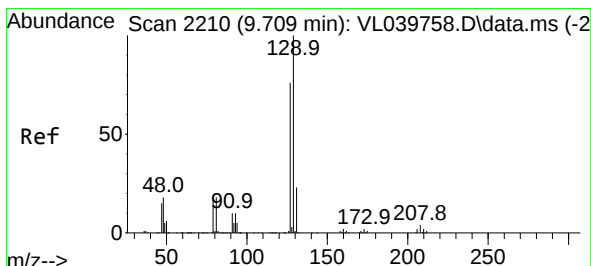
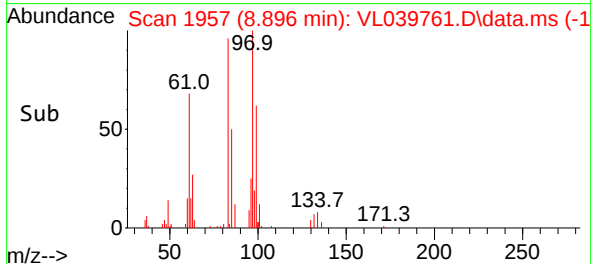
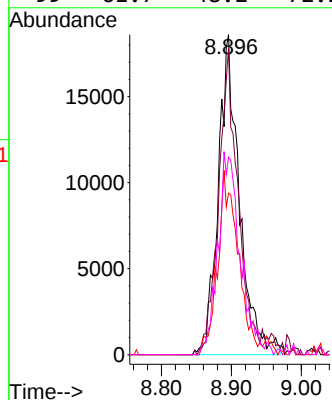
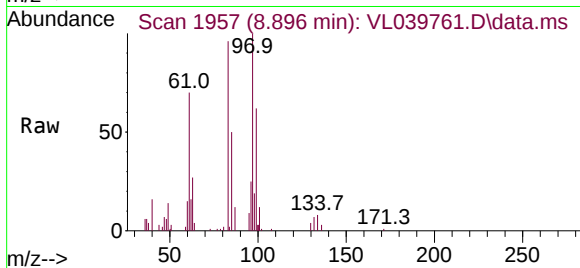
Tgt Ion: 97 Resp: 3902

Ion	Ratio	Lower	Upper
97	100		
83	95.9	68.8	103.2
85	50.5	44.8	67.2
99	61.7	48.2	72.2

Manual Integrations

APPROVED

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



#48

Dibromochloromethane

Concen: 0.457 ppbv m

RT: 9.700 min Scan# 2207

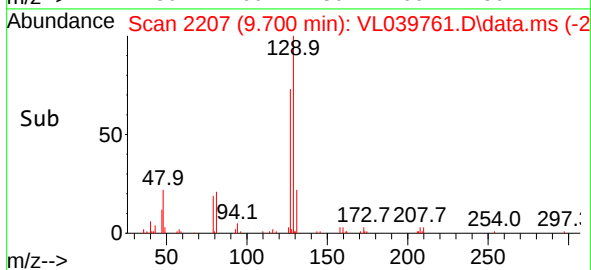
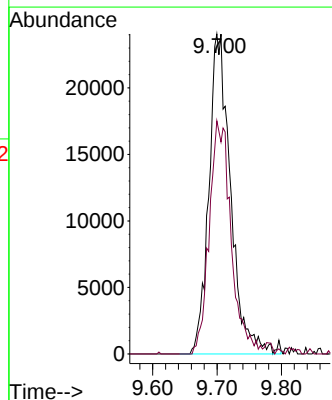
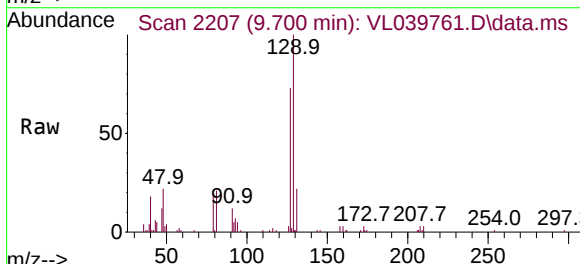
Delta R.T. -0.003 min

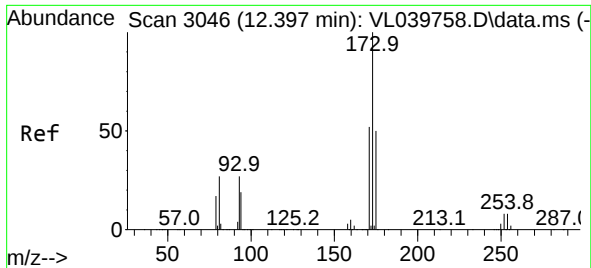
Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Tgt Ion:129 Resp: 56509

Ion	Ratio	Lower	Upper
129	100		
127	74.4	38.9	116.6





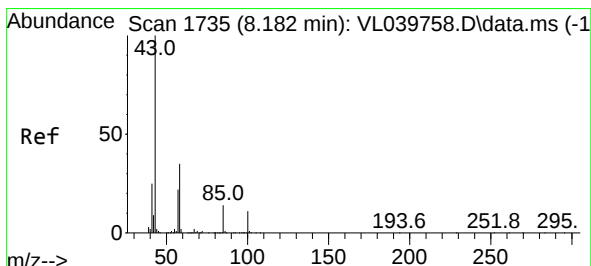
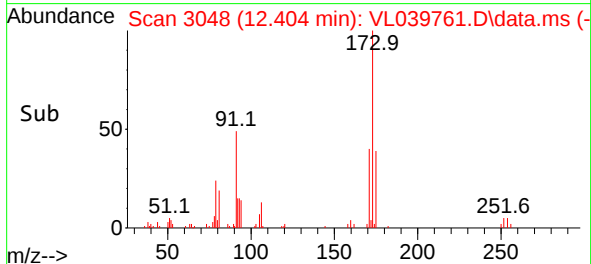
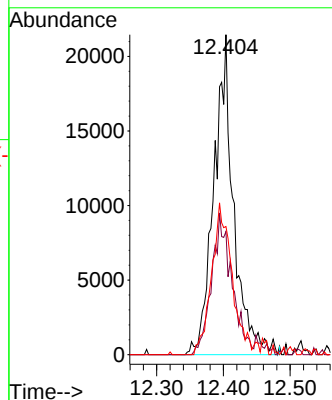
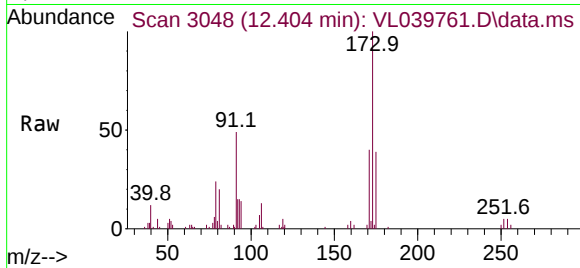
#49
Bromoform
Concen: 0.444 ppbv m
RT: 12.404 min Scan# 3046
Delta R.T. 0.010 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 173 Resp: 4420
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
171 51.0 41.6 62.4

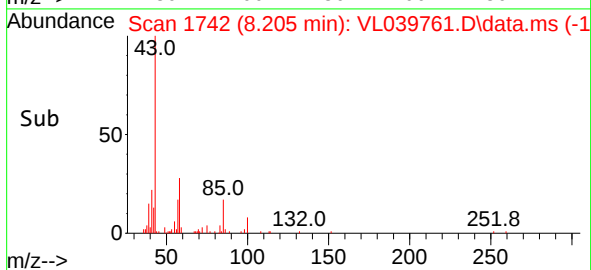
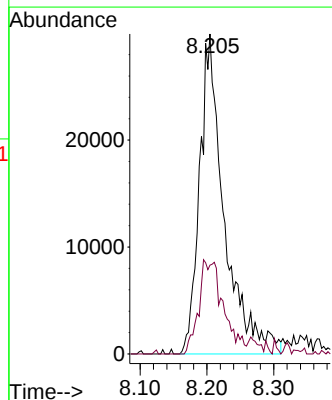
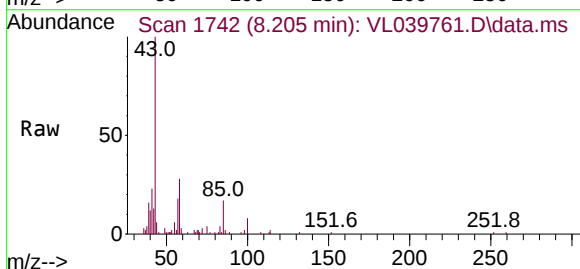
Manual Integrations
APPROVED

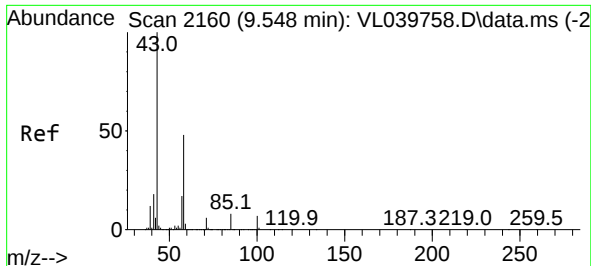
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 0.391 ppbv m
RT: 8.205 min Scan# 1742
Delta R.T. 0.026 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 43 Resp: 76724
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





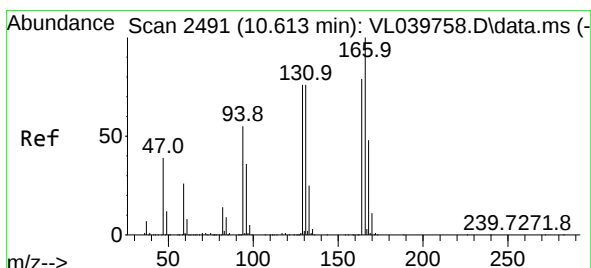
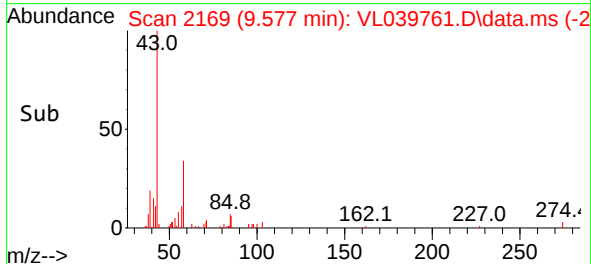
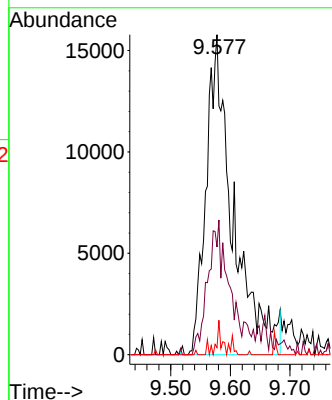
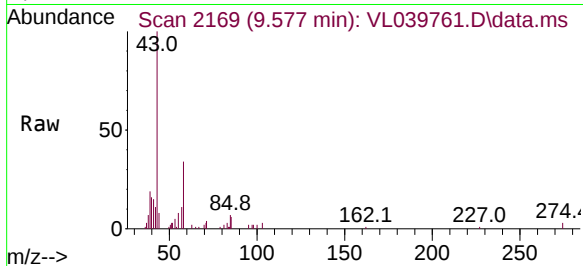
#51
2-Hexanone
Concen: 0.351 ppbv m
RT: 9.577 min Scan# 2160
Delta R.T. 0.029 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 4929
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4
98 0.0 0.6 0.8

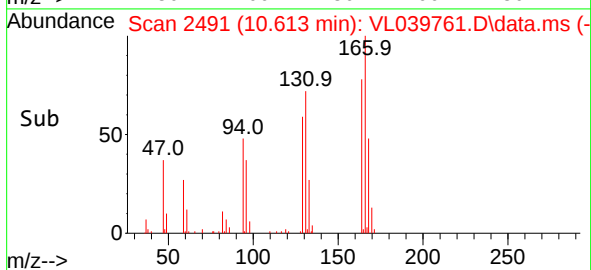
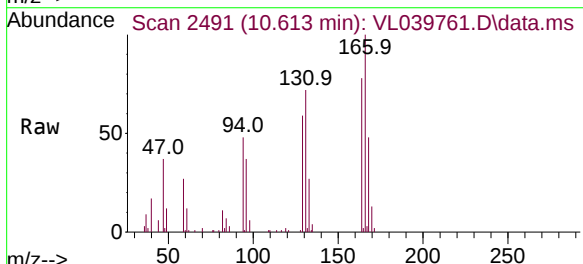
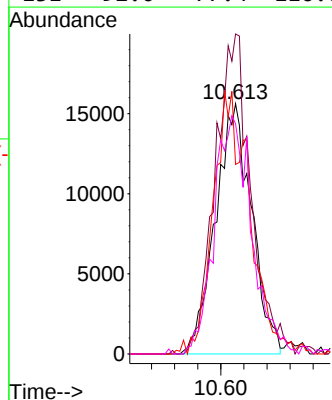
Manual Integrations
APPROVED

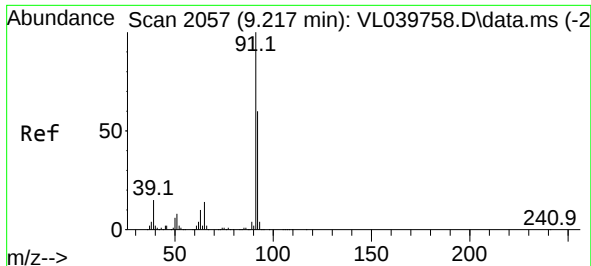
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 0.477 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

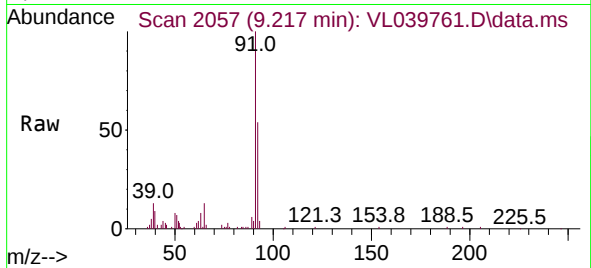
Tgt Ion:164 Resp: 33895
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 74.7 82.1 123.1
131 92.0 77.4 116.0





#53
Toluene
Concen: 0.351 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

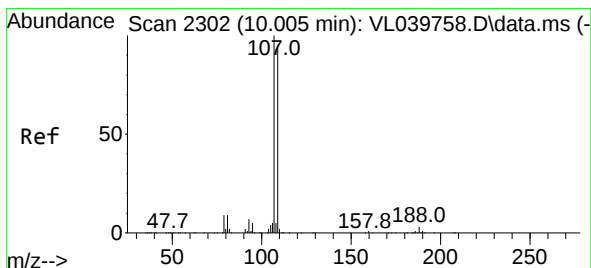
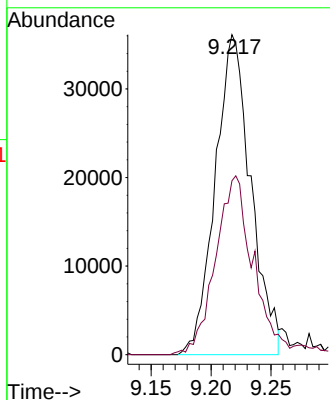
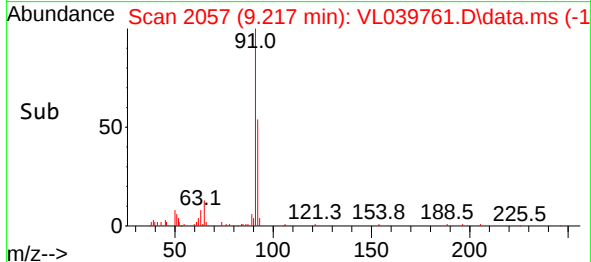
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



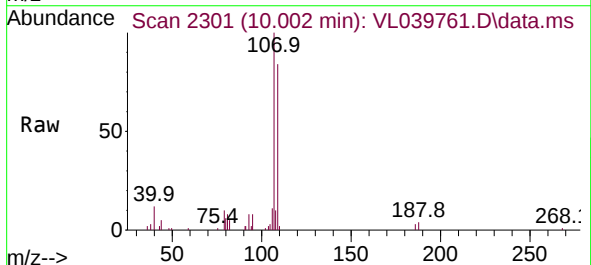
Tgt Ion: 91 Resp: 74560
Ion Ratio Lower Upper
91 100
92 60.8 47.7 71.5

Manual Integrations
APPROVED

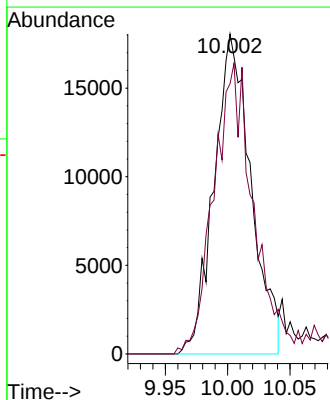
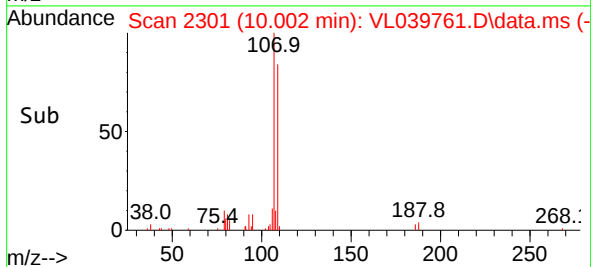
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

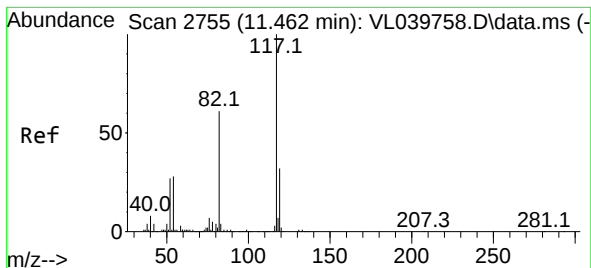


#54
1,2-Dibromoethane
Concen: 0.452 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



Tgt Ion:107 Resp: 37257
Ion Ratio Lower Upper
107 100
109 82.5 75.2 112.8





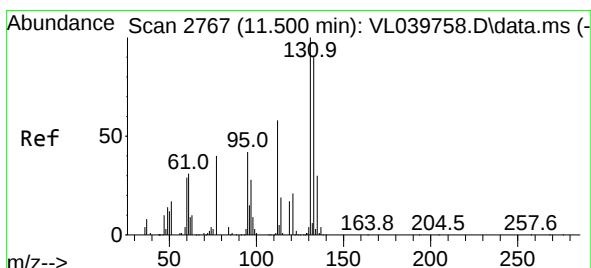
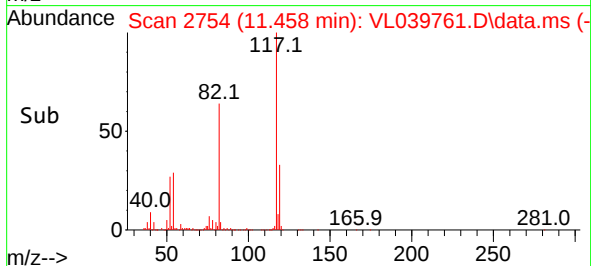
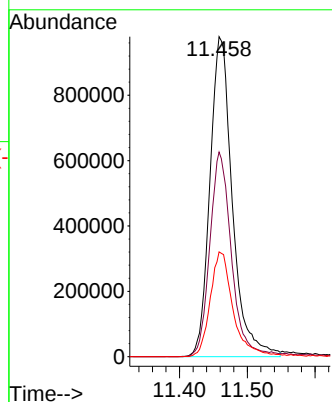
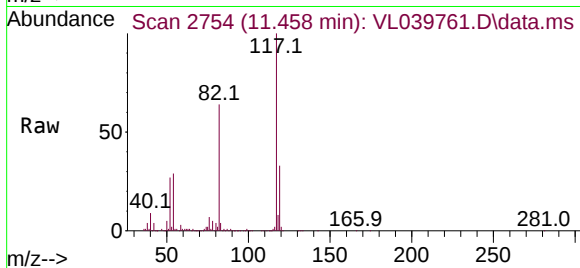
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 225295
Ion Ratio Lower Upper
117 100
82 63.0 51.4 77.0
119 34.2 24.6 36.8

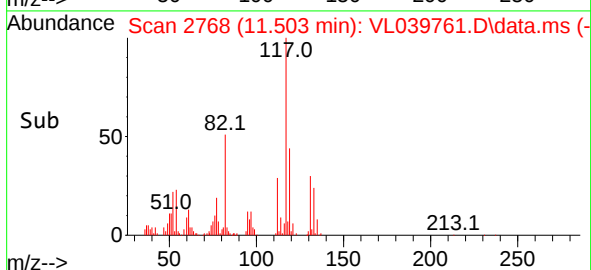
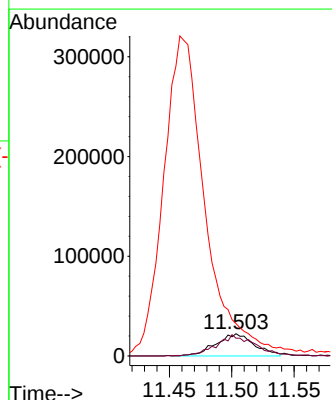
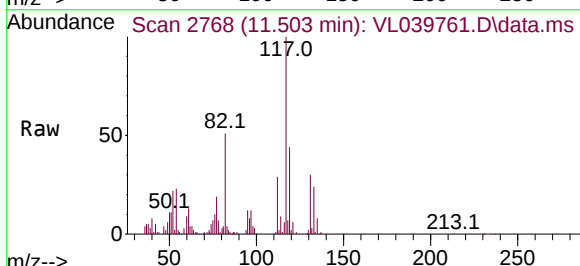
Manual Integrations
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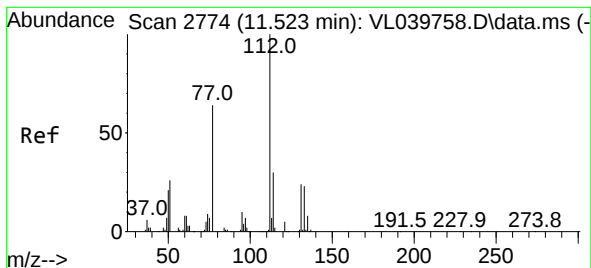
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.520 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion:131 Resp: 47517
Ion Ratio Lower Upper
131 100
133 97.6 77.2 115.8
119 1596.7 55.5 83.3#





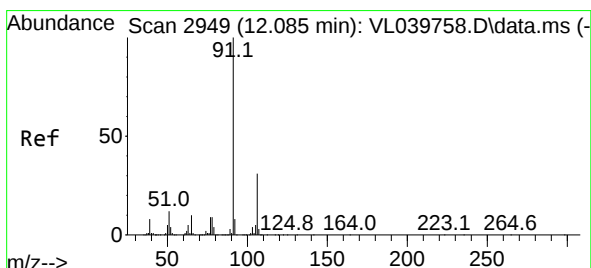
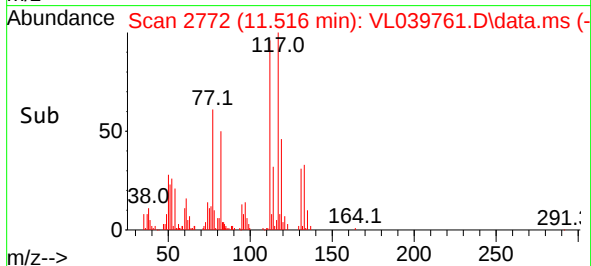
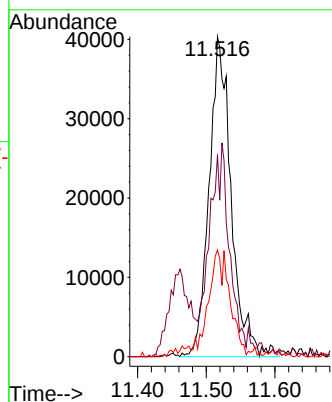
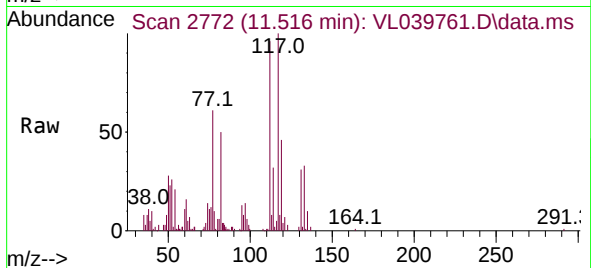
#57
Chlorobenzene
Concen: 0.547 ppbv m
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 9046
Ion Ratio Lower Upper
112 100
77 63.2 51.4 77.2
114 33.4 30.0 36.6

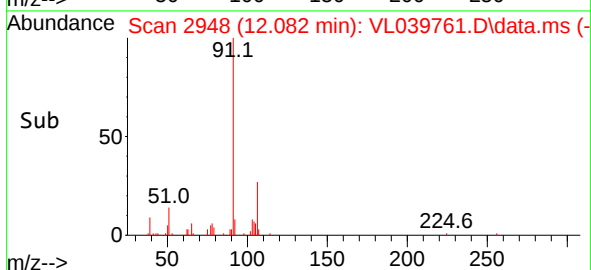
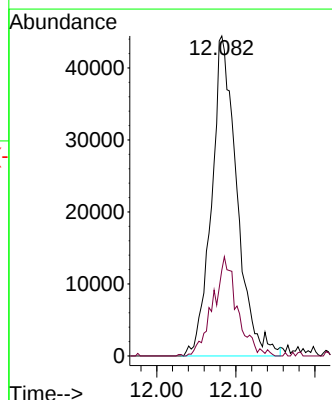
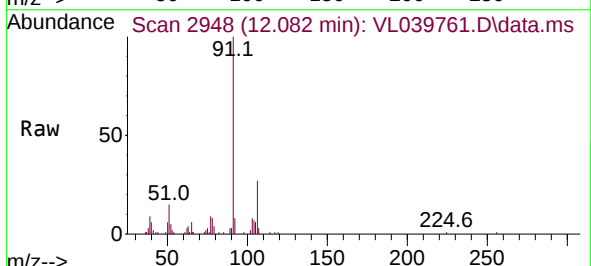
Manual Integrations
APPROVED

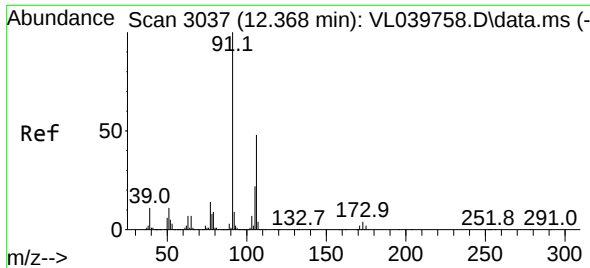
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 0.379 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion: 91 Resp: 98550
Ion Ratio Lower Upper
91 100
106 26.8 24.6 36.8





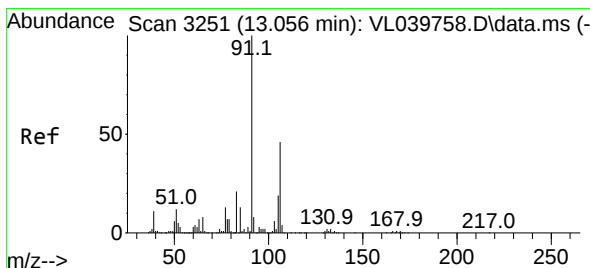
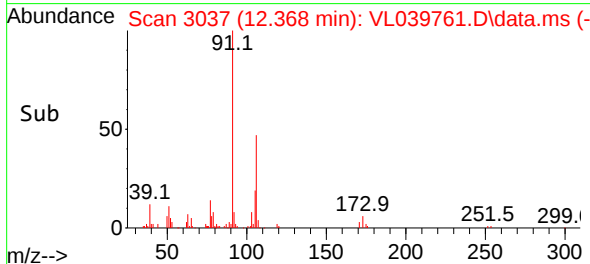
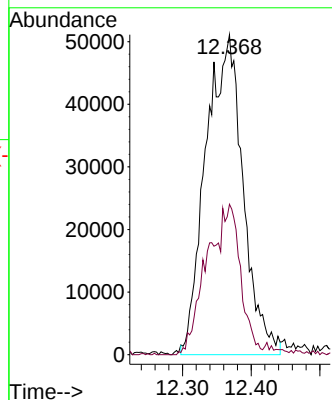
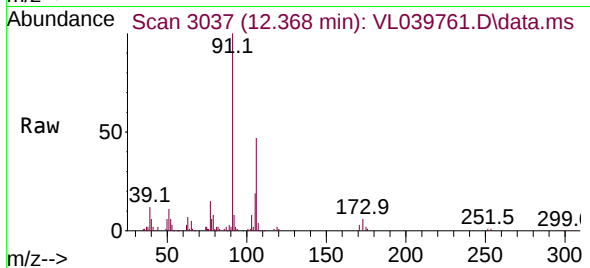
#59
m/p-Xylene
Concen: 0.836 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 192220
Ion Ratio Lower Upper
91 100
106 43.6 36.2 54.4

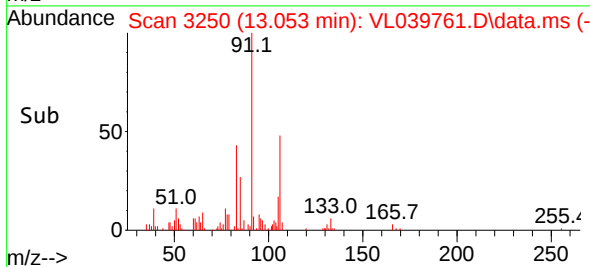
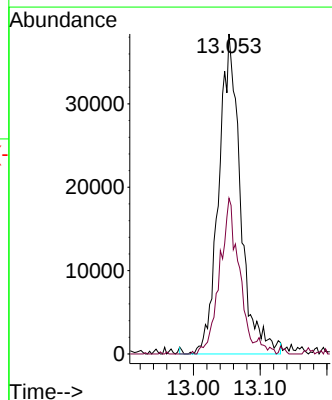
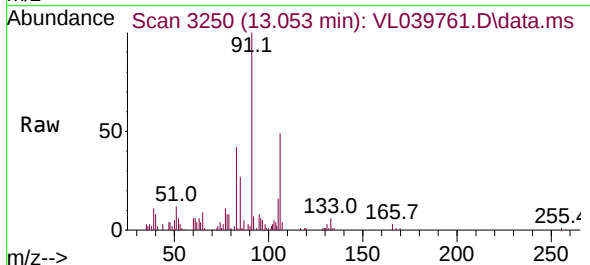
Manual Integrations
APPROVED

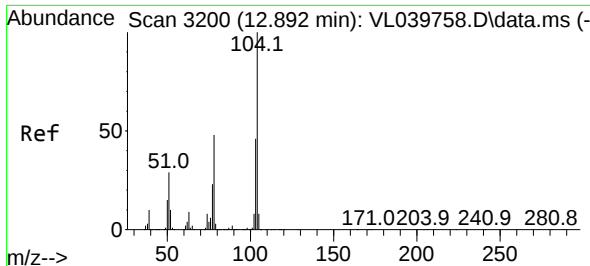
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 0.396 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

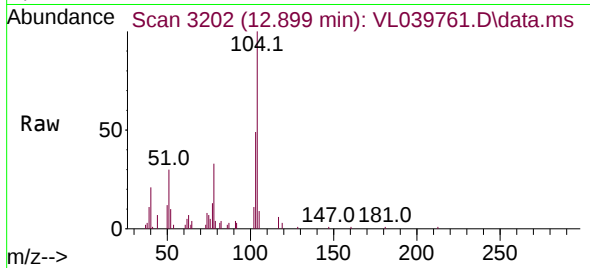
Tgt Ion: 91 Resp: 87206
Ion Ratio Lower Upper
91 100
106 45.4 22.4 67.0





#61
Styrene
Concen: 0.301 ppbv m
RT: 12.899 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

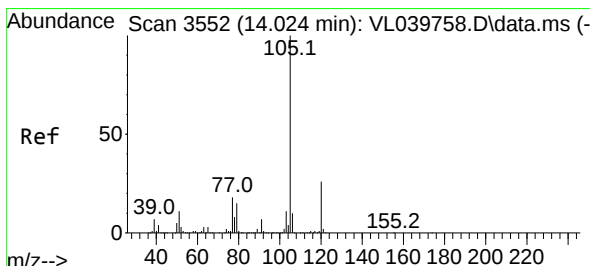
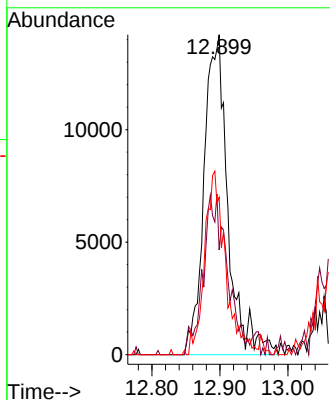
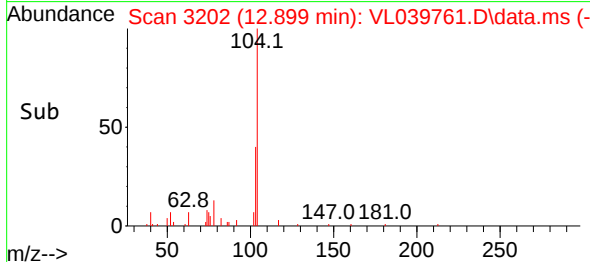
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



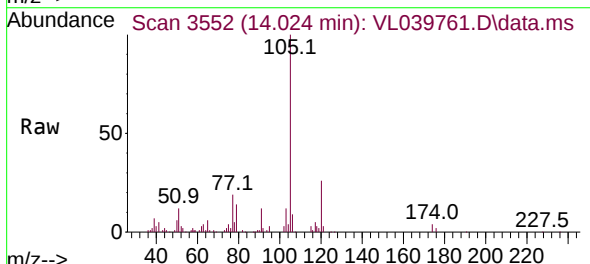
Tgt Ion:104 Resp: 34649
Ion Ratio Lower Upper
104 100
78 53.2 39.6 59.4
103 51.2 38.1 57.1

Manual Integrations
APPROVED

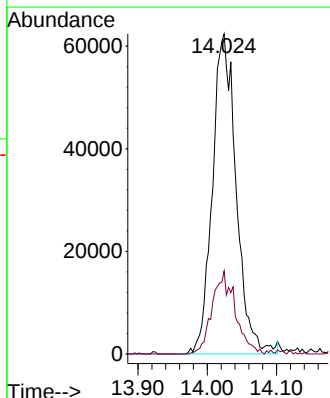
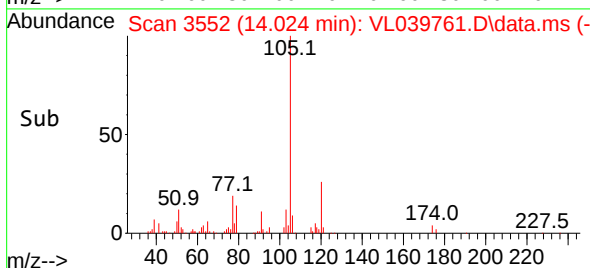
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

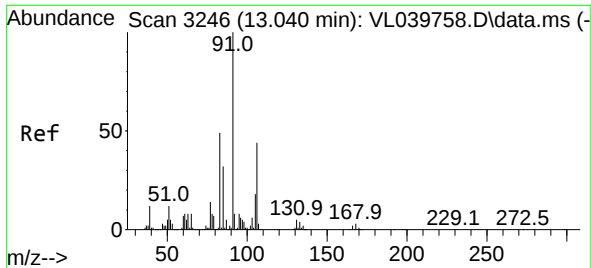


#62
Isopropylbenzene
Concen: 0.454 ppbv m
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



Tgt Ion:105 Resp: 148613
Ion Ratio Lower Upper
105 100
120 25.3 20.2 30.4





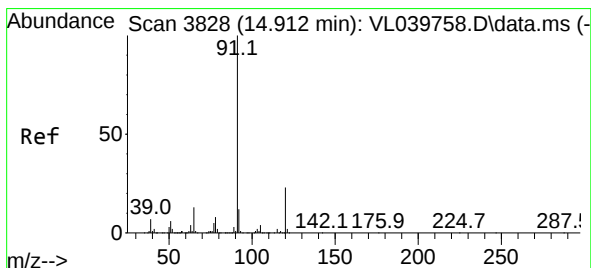
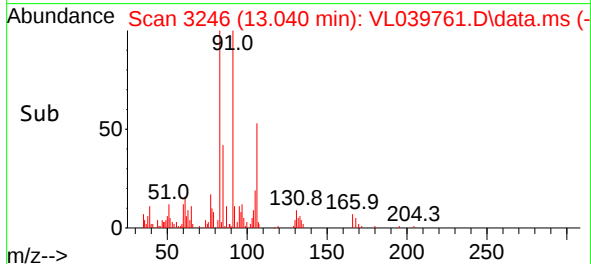
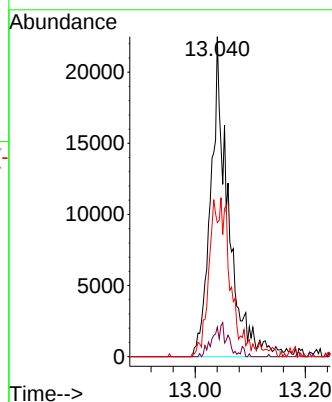
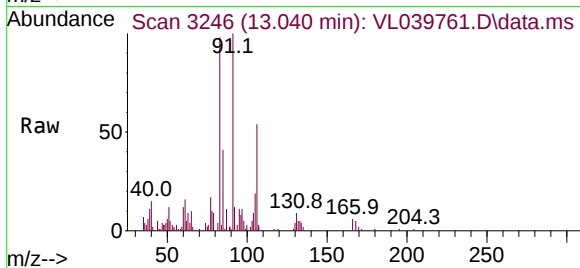
#63
1,1,2,2-Tetrachloroethane
Concen: 0.584 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 49100
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 0.0 32.8 98.4

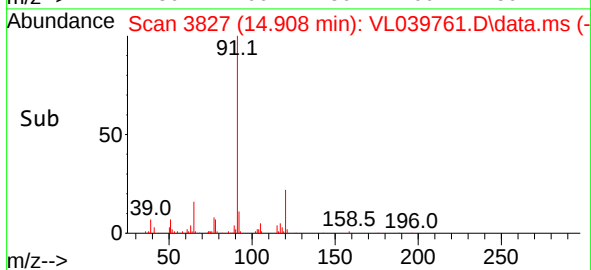
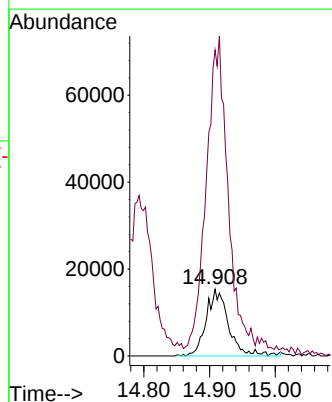
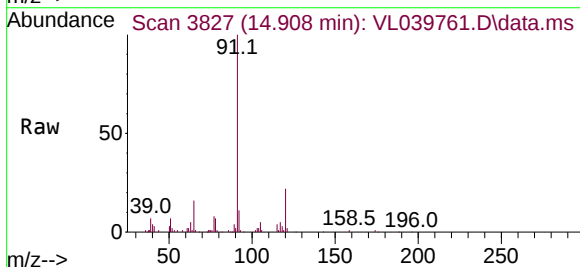
Manual Integrations
APPROVED

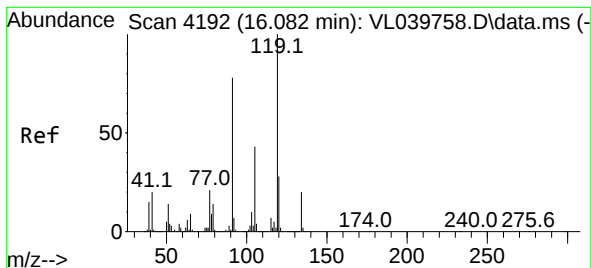
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 0.442 ppbv m
RT: 14.908 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion:120 Resp: 36408
Ion Ratio Lower Upper
120 100
91 47.6 376.2 564.2#





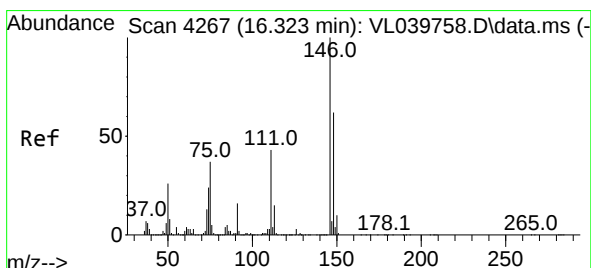
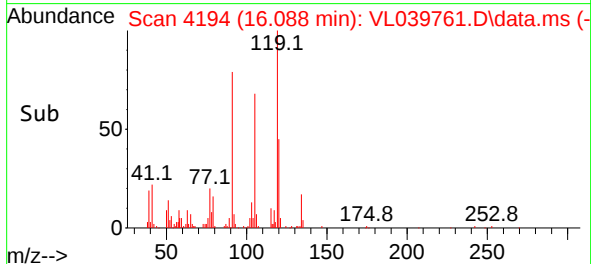
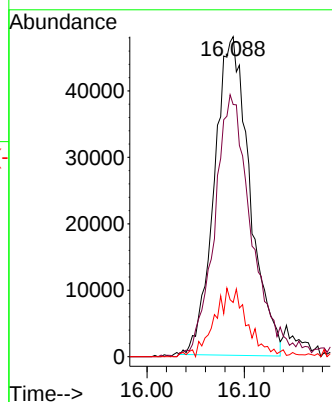
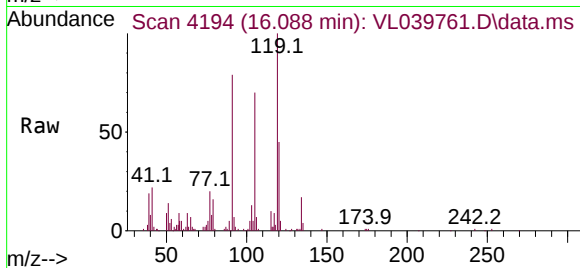
#65
tert-Butylbenzene
Concen: 0.423 ppbv
RT: 16.088 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 121450
Ion Ratio Lower Upper
119 100
91 89.2 64.2 96.2
134 20.1 15.5 23.3

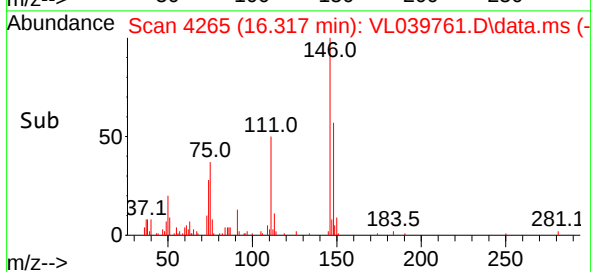
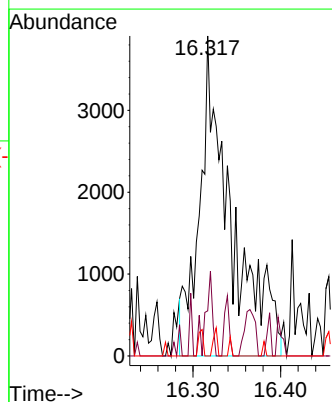
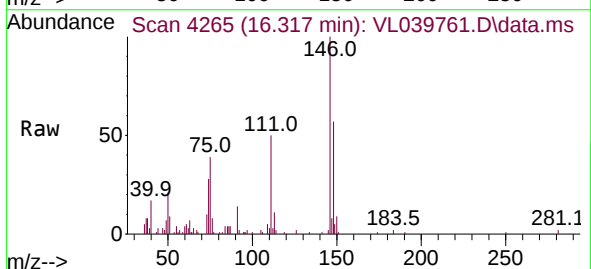
Manual Integrations
APPROVED

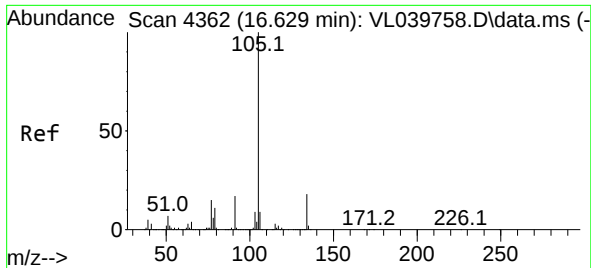
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
Benzyl Chloride
Concen: 0.481 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

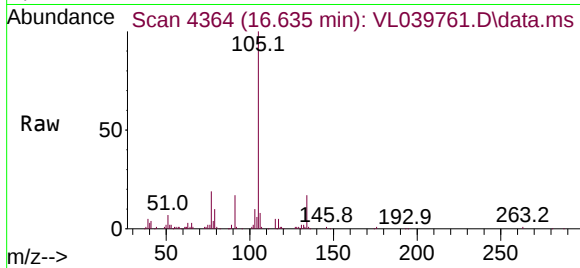
Tgt Ion: 91 Resp: 9640
Ion Ratio Lower Upper
91 100
126 9.8 12.6 18.8#
128 2.3 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.460 ppbv m
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51

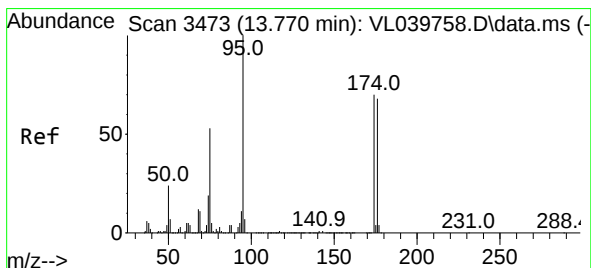
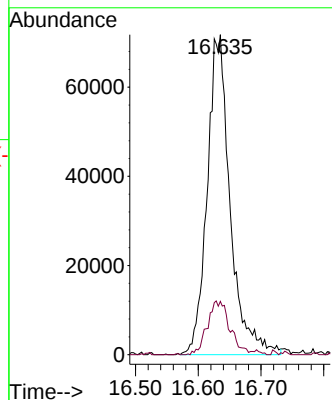
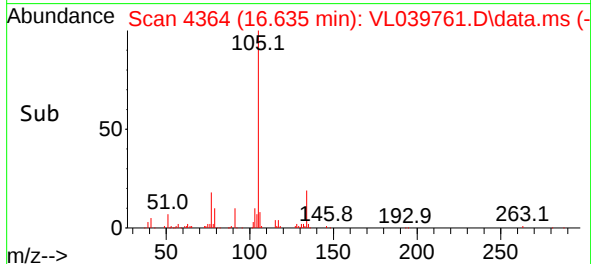
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



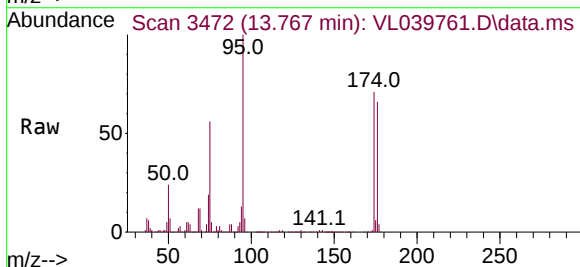
Tgt Ion:105 Resp: 18258
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.2 21.4

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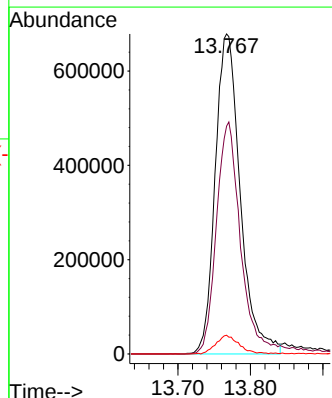
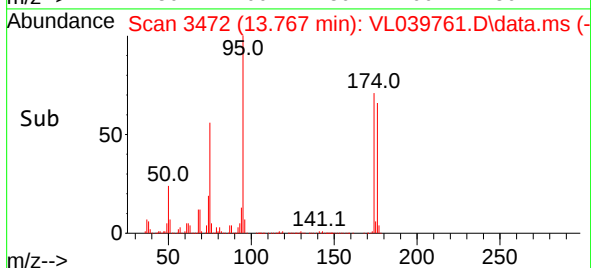
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

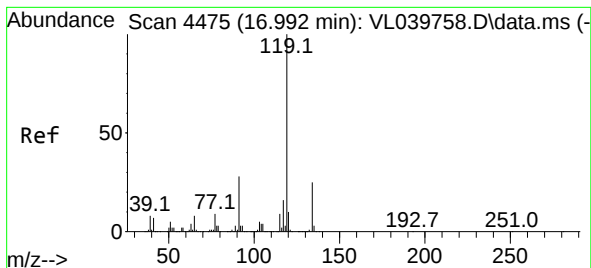


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.190 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039761.D
 Acq: 24 Oct 2022 15:51



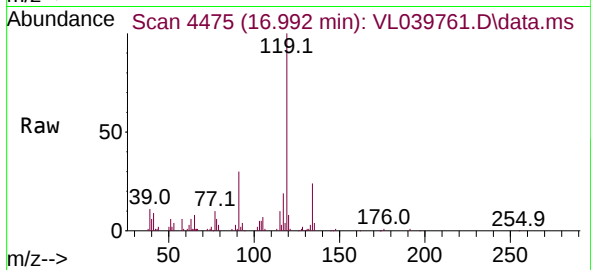
Tgt Ion: 95 Resp: 1629694
 Ion Ratio Lower Upper
 95 100
 174 73.3 56.5 84.7
 175 5.4 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.419 ppbv m
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

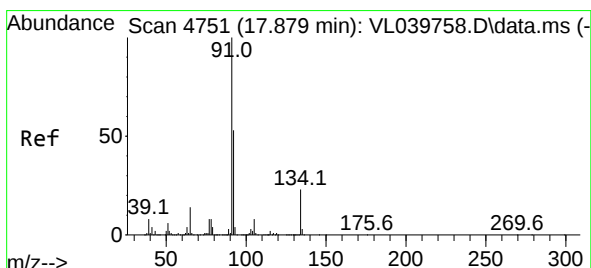
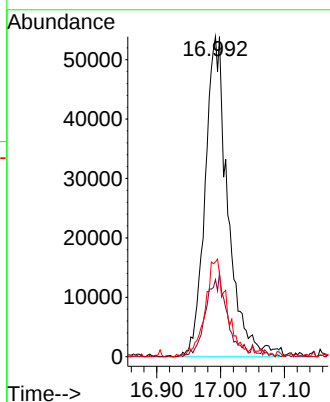
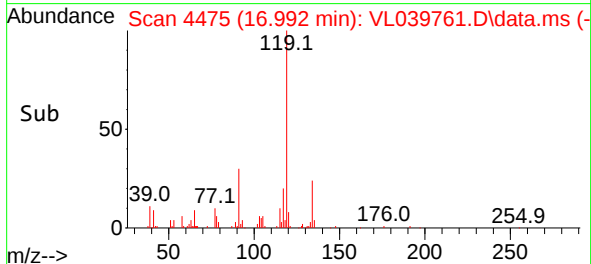
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



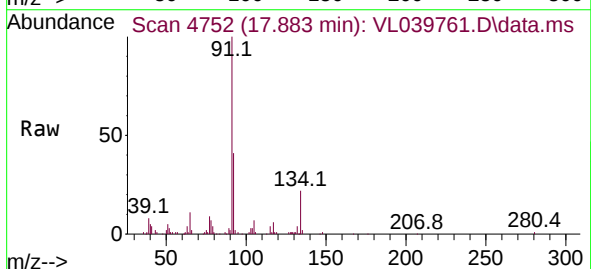
Tgt Ion: 119 Resp: 134210
Ion Ratio Lower Upper
119 100
134 0.0 19.8 29.8
91 0.0 22.7 34.1

Manual Integrations
APPROVED

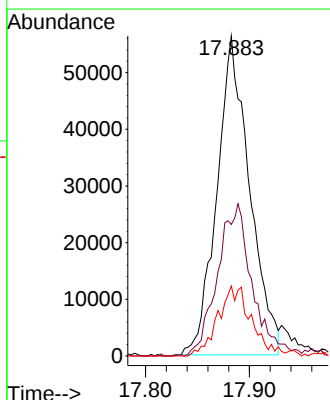
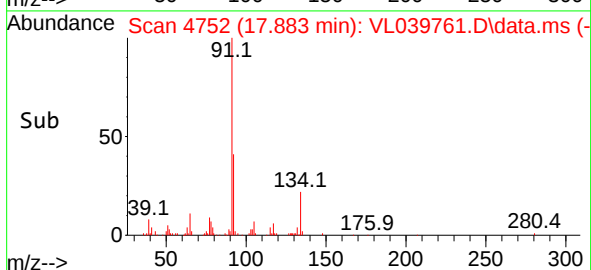
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

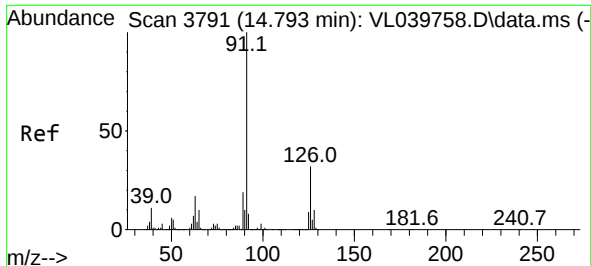


#70
n-Butylbenzene
Concen: 0.400 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



Tgt Ion: 91 Resp: 123210
Ion Ratio Lower Upper
91 100
92 52.1 43.3 64.9
134 23.1 18.4 27.6





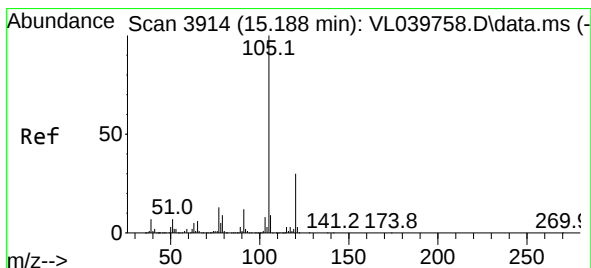
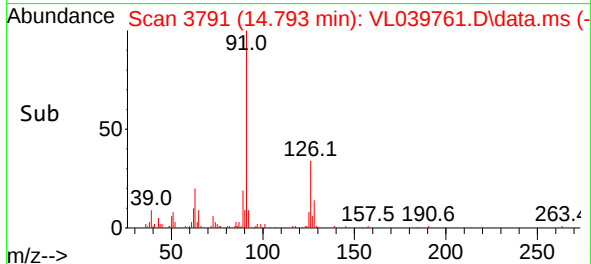
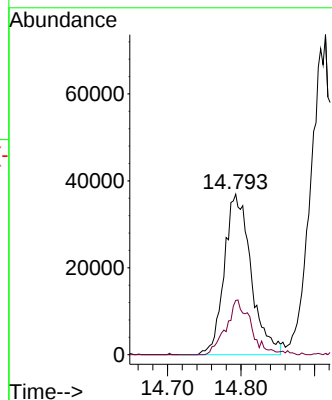
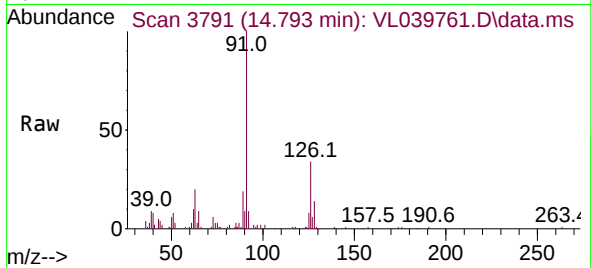
#71
2-Chlorotoluene
Concen: 0.401 ppbv m
RT: 14.793 min Scan# 3791
Delta R.T. 0.000 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 9346
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.7

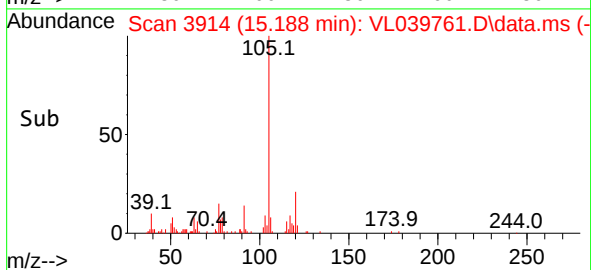
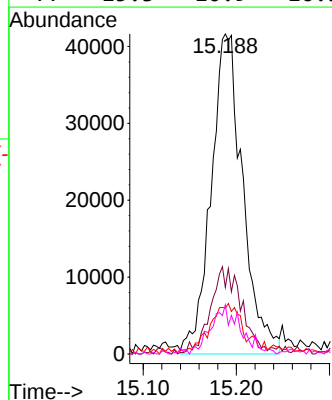
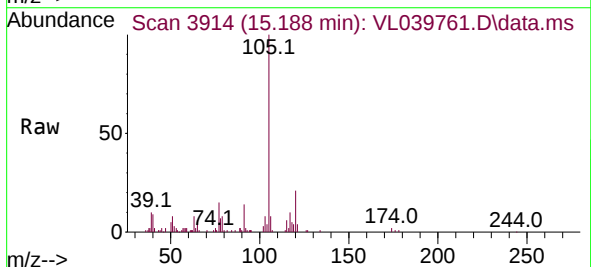
Manual Integrations
APPROVED

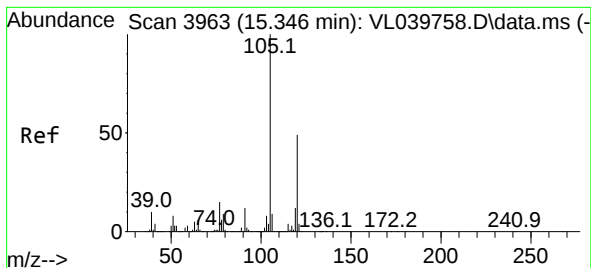
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
4-Ethyltoluene
Concen: 0.399 ppbv m
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion:105 Resp: 98095
Ion Ratio Lower Upper
105 100
120 28.0 23.9 35.9
91 0.0 10.3 15.5#
77 15.3 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 0.363 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.007 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 82962

Ion Ratio Lower Upper

105 100

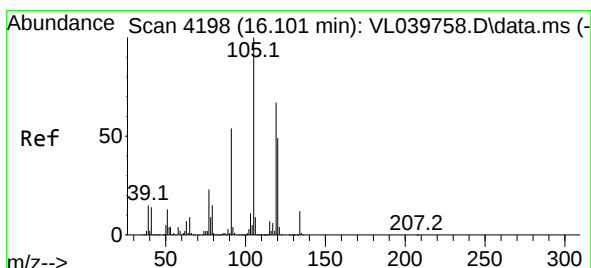
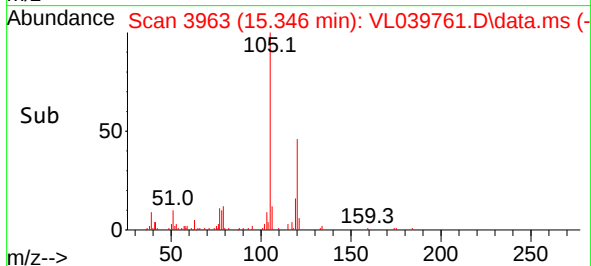
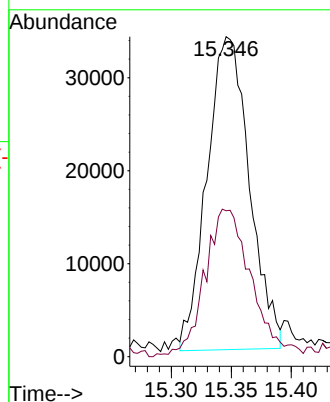
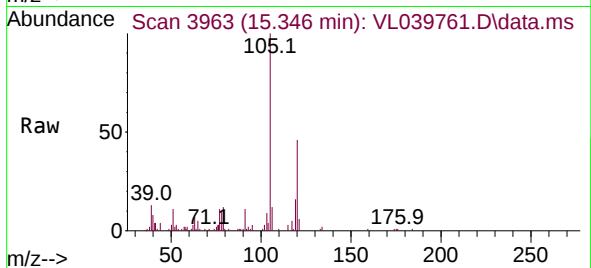
120 45.1 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.428 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. 0.000 min

Lab File: VL039761.D

Acq: 24 Oct 2022 15:51

Tgt Ion:105 Resp: 107548

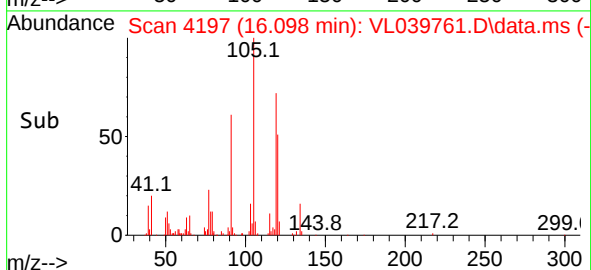
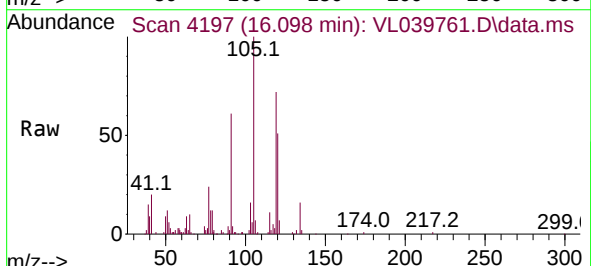
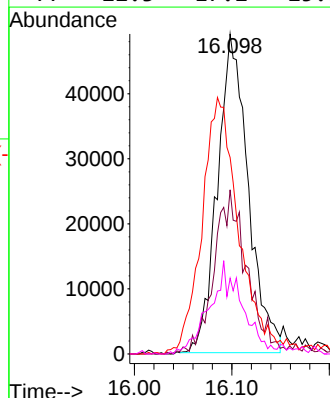
Ion Ratio Lower Upper

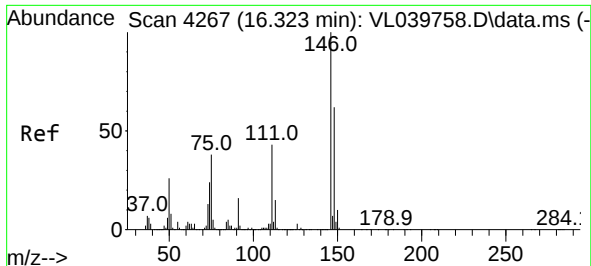
105 100

120 50.8 37.6 56.4

91 57.9 40.1 60.1

77 22.3 17.2 25.8





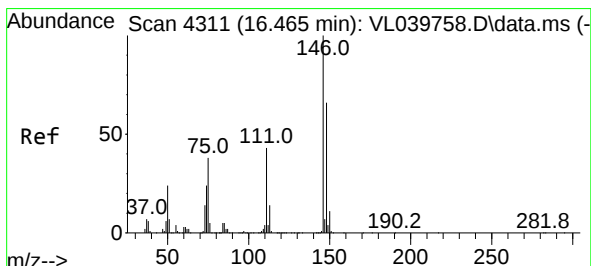
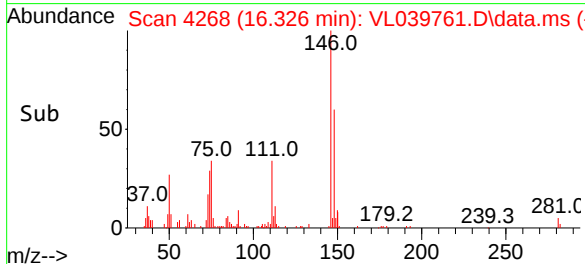
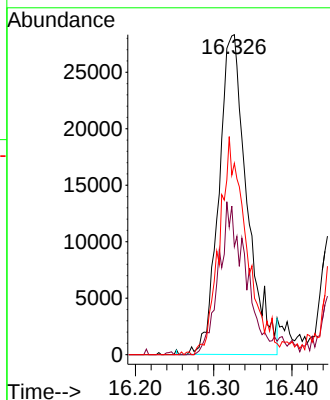
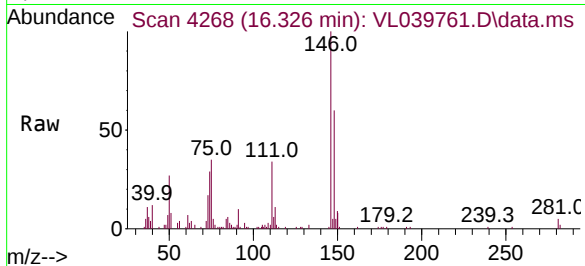
#75
1,3-Dichlorobenzene
Concen: 0.471 ppbv m
RT: 16.326 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 70759
Ion Ratio Lower Upper
146 100
111 48.9 22.8 68.3
148 67.7 32.6 97.7

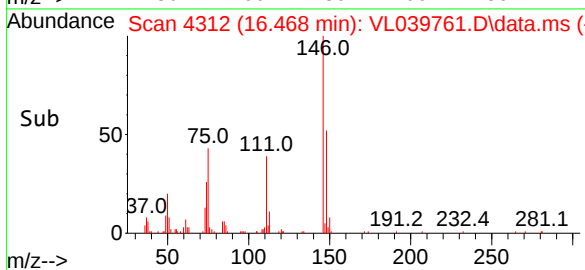
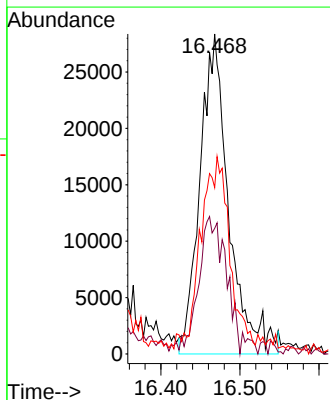
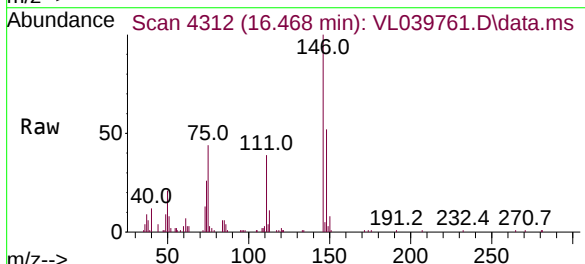
Manual Integrations
APPROVED

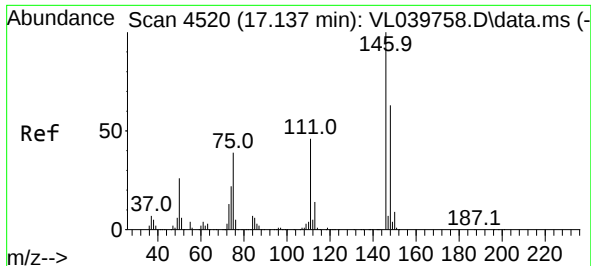
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,4-Dichlorobenzene
Concen: 0.490 ppbv m
RT: 16.468 min Scan# 4312
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

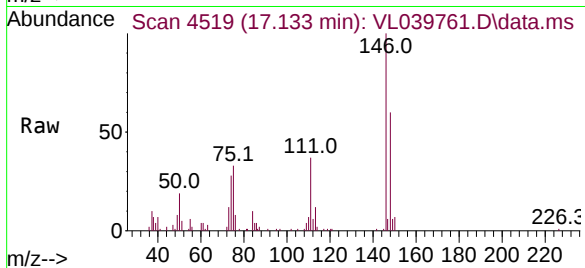
Tgt Ion:146 Resp: 71984
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.5
148 67.7 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 0.494 ppbv m
RT: 17.133 min Scan# 4520
Delta R.T. 0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

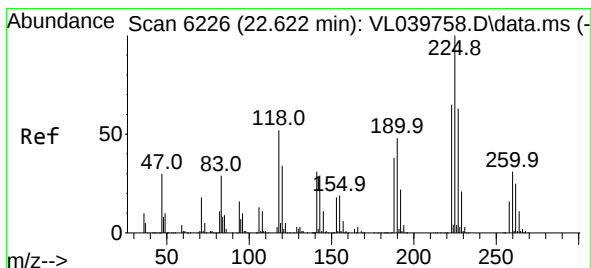
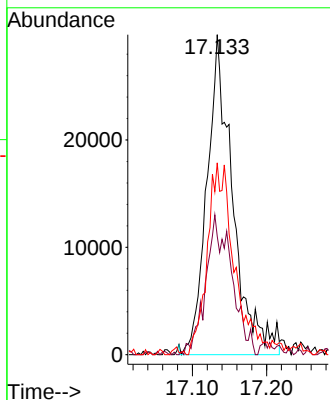
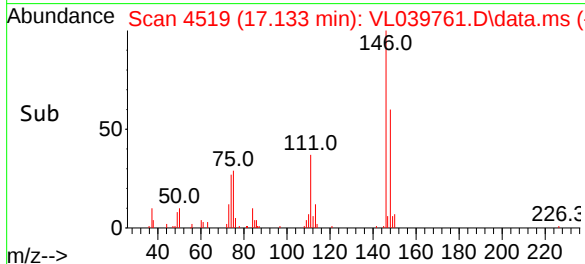
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



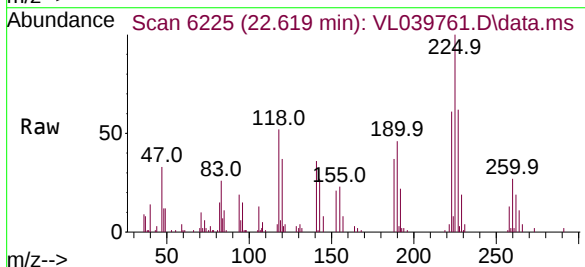
Tgt Ion:146 Resp: 72275
Ion Ratio Lower Upper
146 100
111 46.6 23.6 70.8
148 65.8 32.8 98.3

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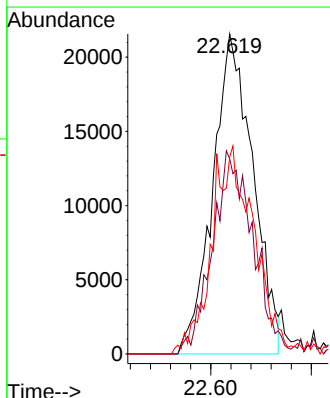
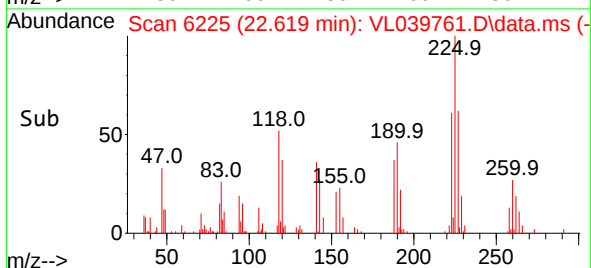
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

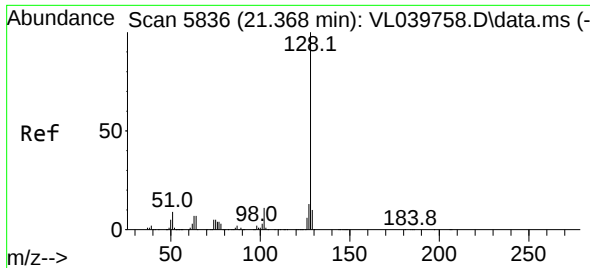


#78
Hexachloro-1,3-Butadiene
Concen: 0.567 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.003 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51



Tgt Ion:225 Resp: 59834
Ion Ratio Lower Upper
225 100
223 64.8 52.4 78.6
227 68.3 52.7 79.1





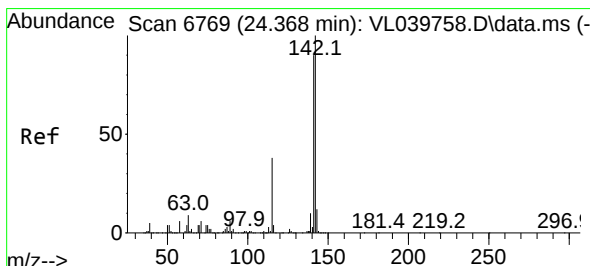
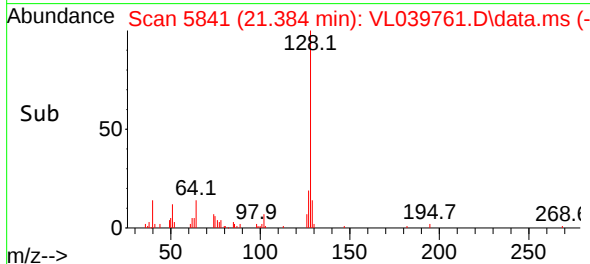
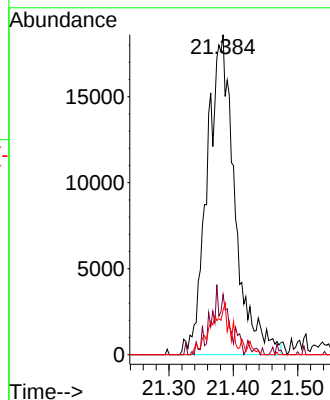
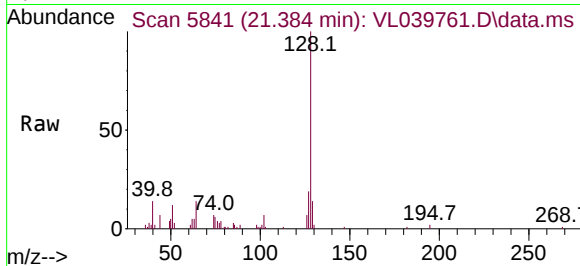
#79
Naphthalene
Concen: 0.379 ppbv m
RT: 21.384 min Scan# 5836
Delta R.T. 0.016 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 55758
Ion Ratio Lower Upper
128 100
127 18.8 10.8 16.2
129 13.9 9.4 14.0

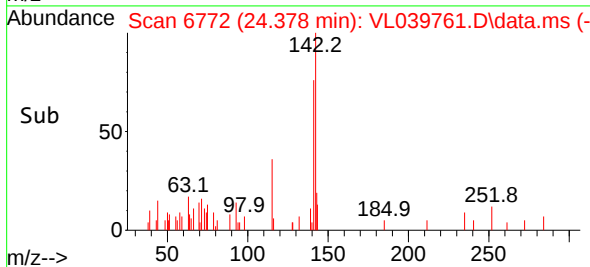
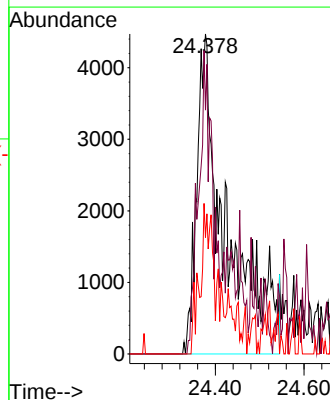
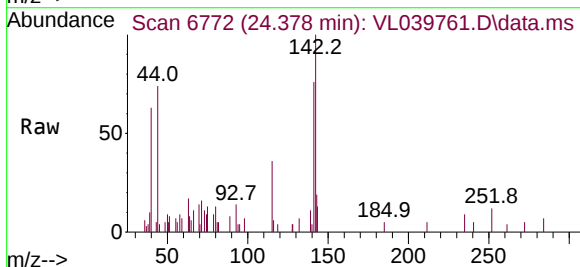
Manual Integrations
APPROVED

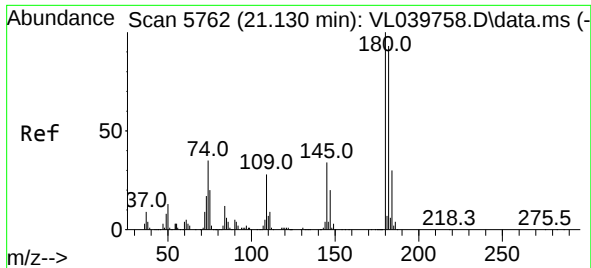
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
Naphthalene,2-methyl-
Concen: 0.468 ppbv m
RT: 24.378 min Scan# 6772
Delta R.T. 0.007 min
Lab File: VL039761.D
Acq: 24 Oct 2022 15:51

Tgt Ion:142 Resp: 20561
Ion Ratio Lower Upper
142 100
141 49.2 70.0 105.0#
115 31.3 32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.436 ppbv m

RT: 21.136 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL039761.D

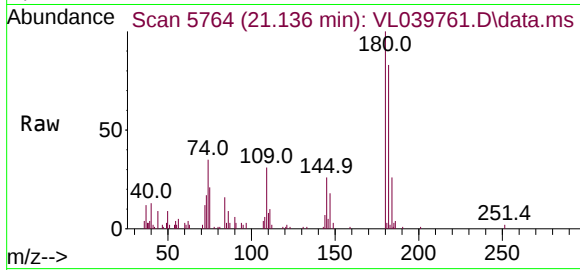
Acq: 24 Oct 2022 15:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 4291

Ion Ratio Lower Upper

180 100

182 104.1 0.0 0.0

184 30.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022

