

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041146.D
 Acq On : 8 Apr 2024 12:04
 Operator : SY/MD
 Sample : VL0408ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:12:12 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1276015	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3441981	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3423280	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2615341 9.501 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	1973563	9.042	ppbv	99
3) Chlorodifluoromethane	2.668	51	1912896	9.733	ppbv	99
4) Chloromethane	2.806	50	733859	9.867	ppbv	96
5) Vinyl Chloride	2.912	62	748886	10.424	ppbv	100
6) Bromomethane	3.111	94	240844	8.906	ppbv	96
7) Chloroethane	3.189	64	258084	9.788	ppbv	98
8) Dichlorotetrafluoroethane	2.851	85	1860697	9.993	ppbv	99
9) Propene	2.687	41	655340	10.482	ppbv	95
10) Heptane	7.568	43	1619070	10.908	ppbv	99
11) Trichlorofluoromethane	3.555	101	1895524	9.577	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.057	101	1390793	9.708	ppbv	100
13) Ethanol	3.234	45	142839	9.605	ppbv	99
14) Bromoethene	3.359	108	557812	9.886	ppbv	97
15) Acetone	3.459	43	1448811	10.486	ppbv	99
16) 1,3-Butadiene	2.980	39	722900	10.659	ppbv	100
17) tert-Butyl alcohol	3.867	59	1355754	10.835	ppbv	100
18) 1,1-Dichloroethene	3.870	96	623310	10.191	ppbv	98
19) Isopropyl Alcohol	3.565	45	938484	11.181	ppbv #	97
20) Methylene Chloride	3.925	84	513042	9.003	ppbv	99
21) Allyl Chloride	3.989	41	868640	10.318	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	645357	10.065	ppbv	98
23) Vinyl Acetate	4.616	43	1571222	11.132	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1317359	10.258	ppbv	99
25) Ethyl Acetate	5.192	43	2682251	10.337	ppbv	99
26) Hexane	5.201	57	1176785	10.107	ppbv	99
27) Carbon Disulfide	4.115	76	1524606	10.687	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	912523	10.386	ppbv	100
29) Chloroform	5.266	83	1959130	9.982	ppbv	96
30) Cyclohexane	6.590	84	1042719	10.995	ppbv	96
31) cis-1,2-Dichloroethene	5.070	61	1066424	9.677	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1959444	10.800	ppbv	100
34) 2-Butanone	4.777	43	1463178	10.046	ppbv	98
35) Carbon Tetrachloride	6.481	117	2069910	10.563	ppbv	96
36) Benzene	6.362	78	2566721	10.155	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1510341	9.952	ppbv	99
38) Trichloroethene	7.278	130	1032529	11.307	ppbv	96
39) 1,2-Dichloropropane	7.063	63	987657	9.910	ppbv	99
40) 1,4-Dioxane	7.278	88	382039	10.999	ppbv #	1
41) Tetrahydrofuran	5.545	42	1052476	10.853	ppbv	98
42) Bromodichloromethane	7.240	83	2220189	10.240	ppbv	97
43) Methyl Methacrylate	7.465	69	1073663	11.152	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	4242055	10.137	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	578504	10.196	ppbv	98

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Manual Integrations
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 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:12:12 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

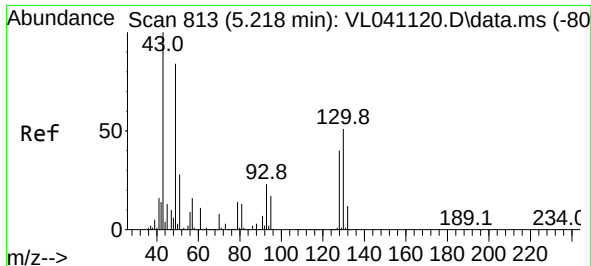
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

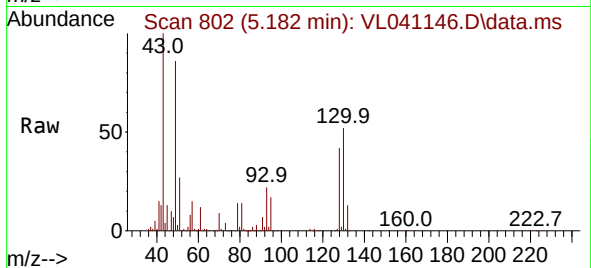
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	752784	10.255	ppbv	99
47) 1,1,2-Trichloroethane	8.886	97	1098193	10.195	ppbv	98
48) Dibromochloromethane	9.700	129	1888122	11.042	ppbv	100
49) Bromoform	12.397	173	1505870	11.117	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2709148	10.570	ppbv	98
51) 2-Hexanone	9.539	43	1979028	11.136	ppbv	99
52) Tetrachloroethene	10.603	164	881422	10.930	ppbv	98
53) Toluene	9.208	91	2933376	11.022	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1458379	10.856	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1380207	9.811	ppbv	97
57) Chlorobenzene	11.516	112	2323903	9.917	ppbv	97
58) Ethyl Benzene	12.076	91	3992290	10.652	ppbv	99
59) m/p-Xylene	12.362	91	6809287m	20.117	ppbv	
60) o-Xylene	13.047	91	3253629	10.145	ppbv	99
61) Styrene	12.886	104	1668589	11.742	ppbv	99
62) Isopropylbenzene	14.018	105	4767313	9.985	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	2464421	9.780	ppbv	100
64) n-propylbenzene	14.905	120	1271233	10.609	ppbv	95
65) tert-Butylbenzene	16.082	119	4302970	10.323	ppbv	98
66) Benzyl Chloride	16.313	91	189388	6.906	ppbv #	99
67) sec-Butylbenzene	16.622	105	6127186	10.174	ppbv	100
69) p-Isopropyltoluene	16.982	119	5048638	10.750	ppbv	99
70) n-Butylbenzene	17.876	91	5442875	10.669	ppbv	100
71) 2-Chlorotoluene	14.789	91	3738857	10.210	ppbv	99
72) 4-Ethyltoluene	15.182	105	3726525	10.403	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	3317429	10.501	ppbv	98
74) 1,2,4-Trimethylbenzene	16.098	105	3701021	10.237	ppbv	95
75) 1,3-Dichlorobenzene	16.320	146	2173233	10.295	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	2109576	10.274	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	2115917	10.322	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1381536	10.137	ppbv	100
79) Naphthalene	21.368	128	3349928	14.442	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	730130	16.159	ppbv	98
81) 1,2,4-Trichlorobenzene	21.124	180	1617471m	12.439	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

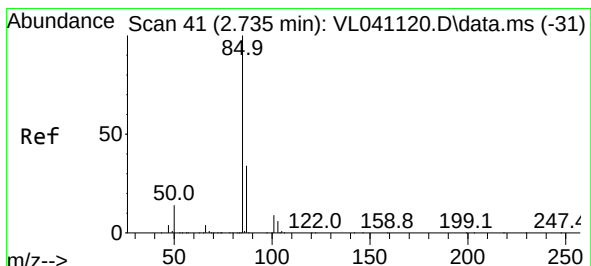
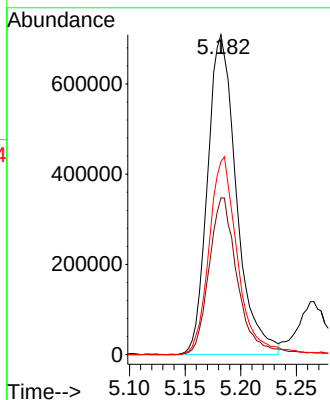
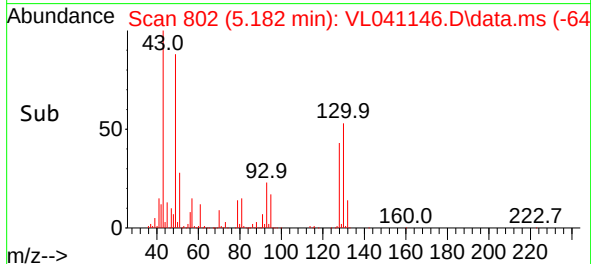
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 49 Resp: 127601
Ion Ratio Lower Upper
49 100
128 49.4 23.6 71.0
130 62.2 30.1 90.5

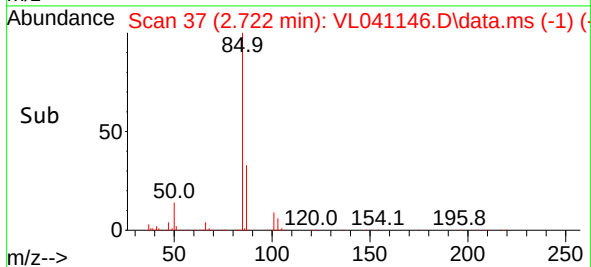
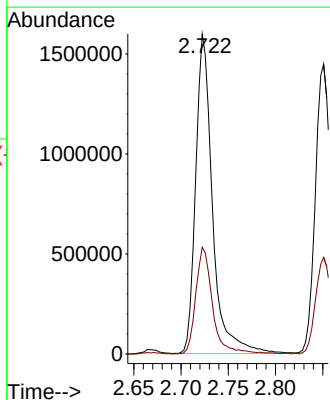
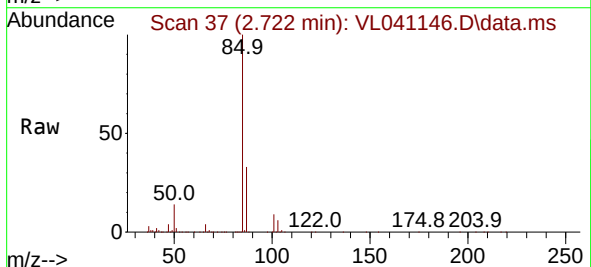
Manual Integrations
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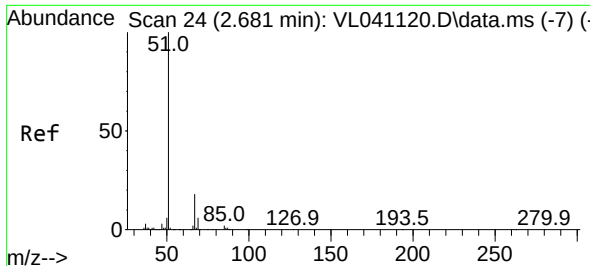
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#2
Dichlorodifluoromethane
Concen: 9.042 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

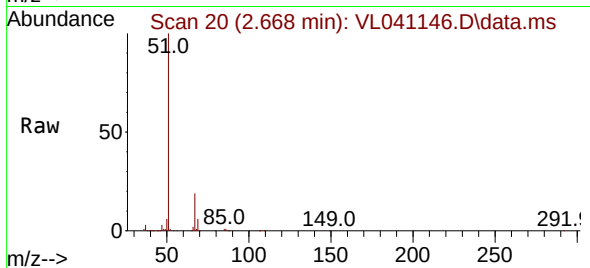
Tgt Ion: 85 Resp: 1973563
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.733 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

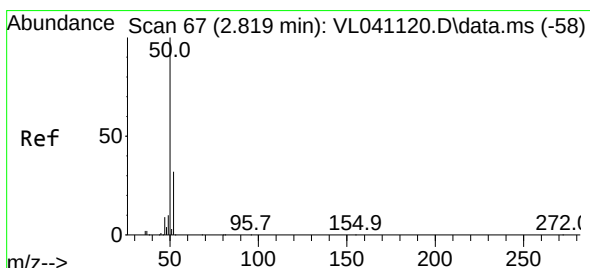
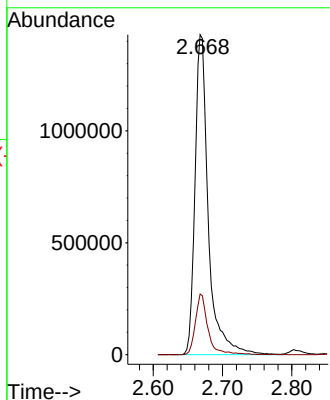
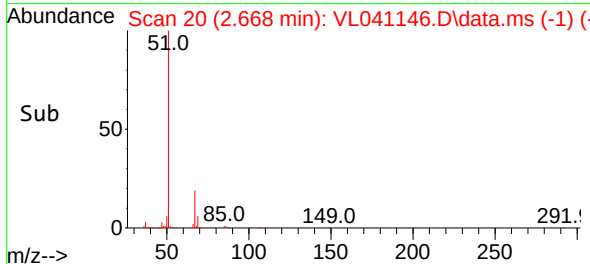
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 51 Resp: 1912890
Ion Ratio Lower Upper
51 100
67 18.0 14.9 22.3

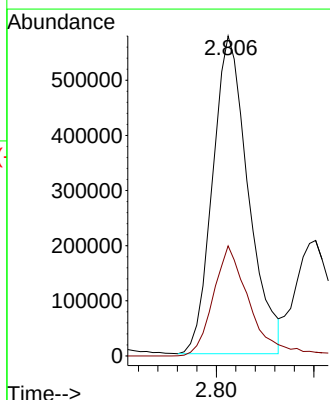
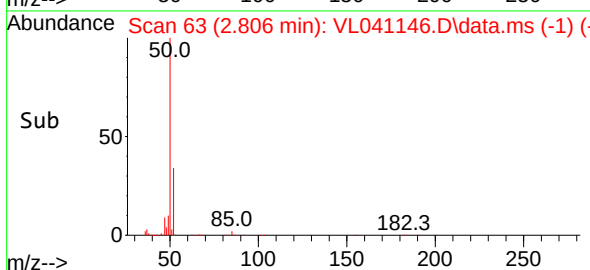
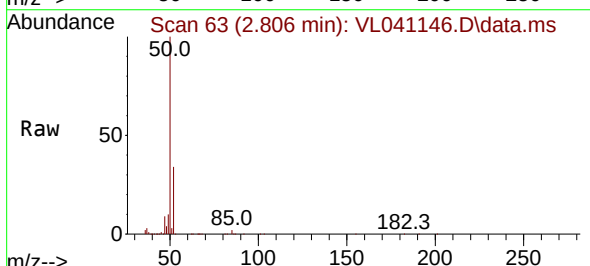
Manual Integrations
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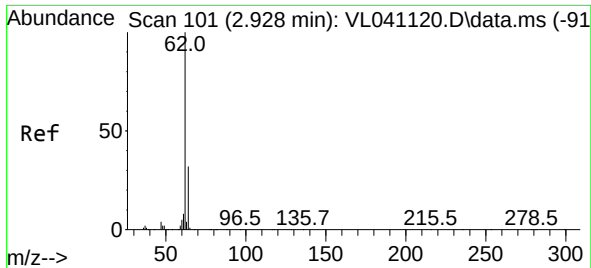
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#4
Chloromethane
Concen: 9.867 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 50 Resp: 733859
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0





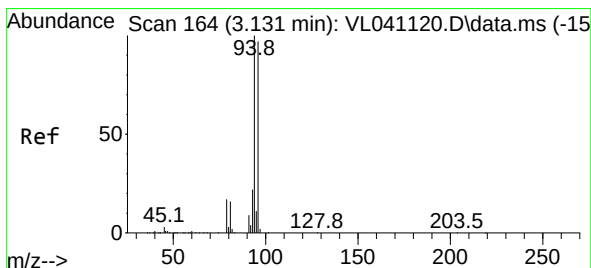
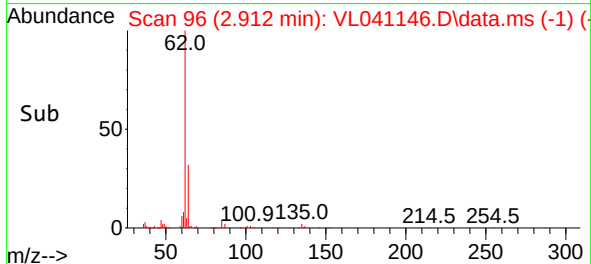
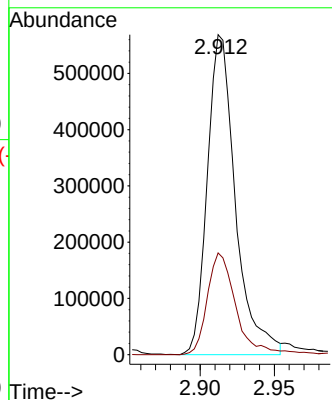
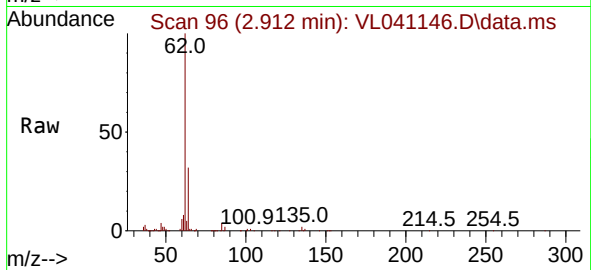
#5
 Vinyl Chloride
 Concen: 10.424 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tgt Ion: 62 Resp: 748880
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.6 38.4

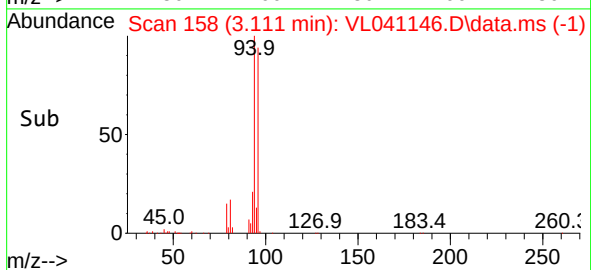
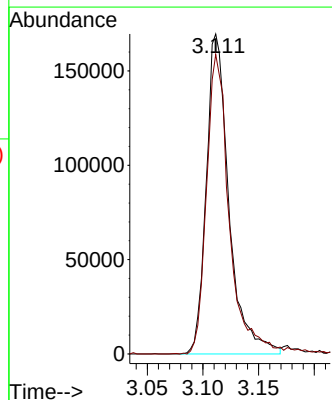
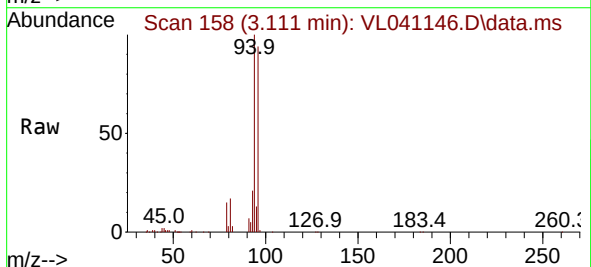
Manual Integrations
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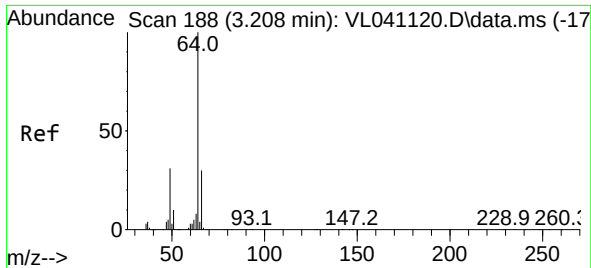
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024



#6
 Bromomethane
 Concen: 8.906 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

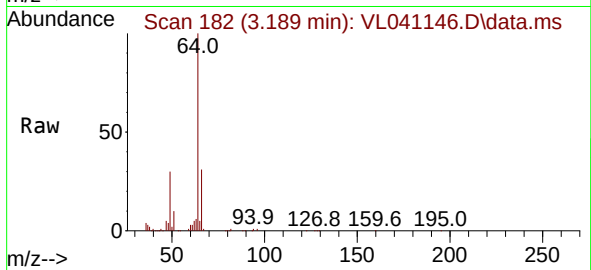
Tgt Ion: 94 Resp: 240844
 Ion Ratio Lower Upper
 94 100
 96 93.6 77.9 116.9





#7
Chloroethane
Concen: 9.788 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

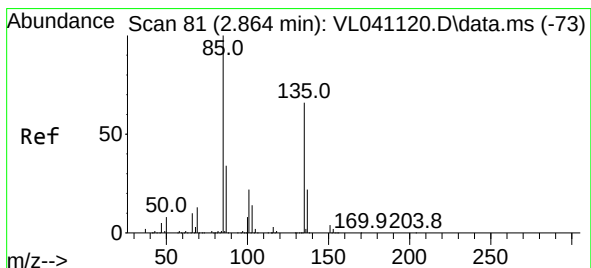
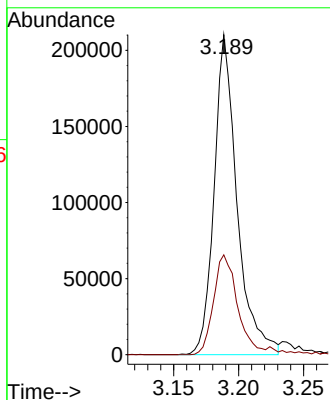
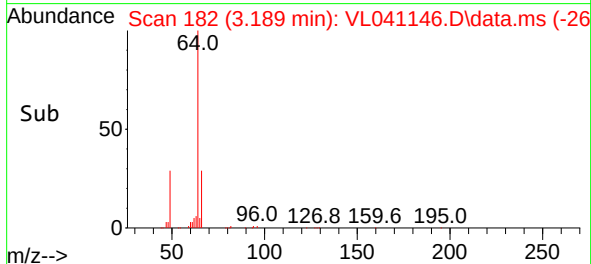
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 64 Resp: 258084
Ion Ratio Lower Upper
64 100
66 31.2 24.2 36.4

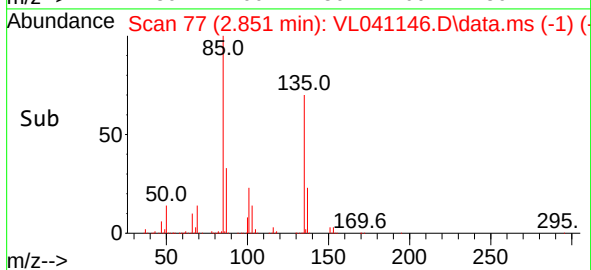
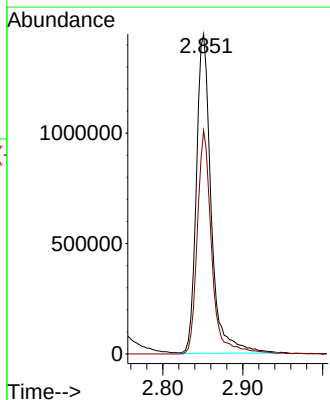
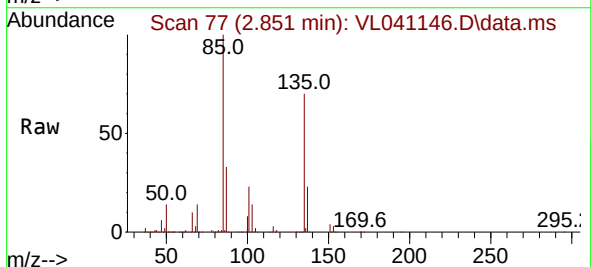
Manual Integrations
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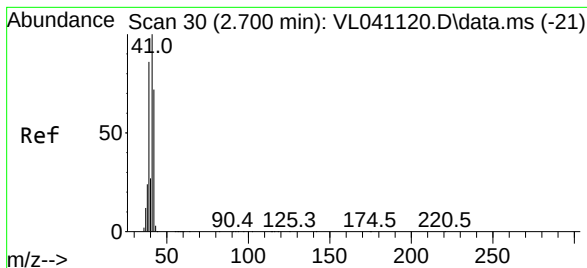
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.993 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

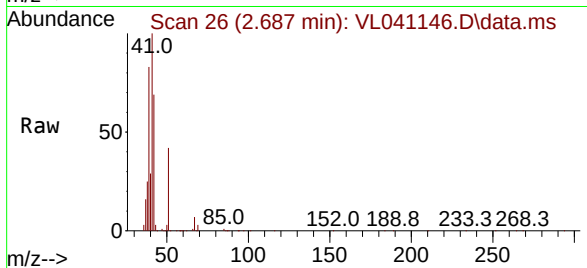
Tgt Ion: 85 Resp: 1860697
Ion Ratio Lower Upper
85 100
135 68.7 54.2 81.2





#9
Propene
Concen: 10.482 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

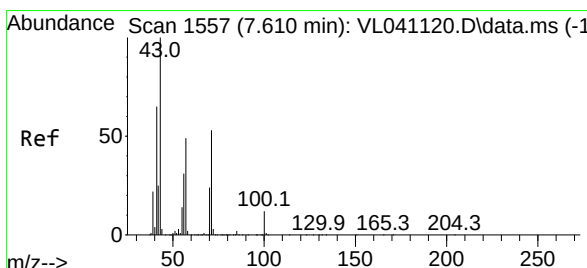
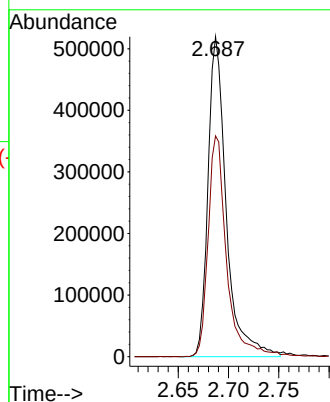
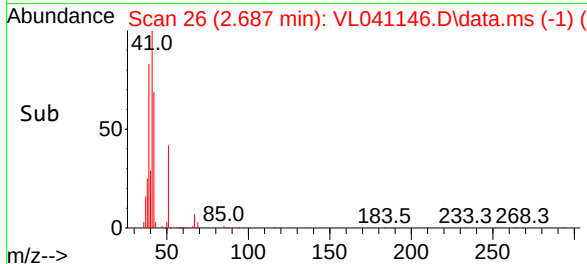
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



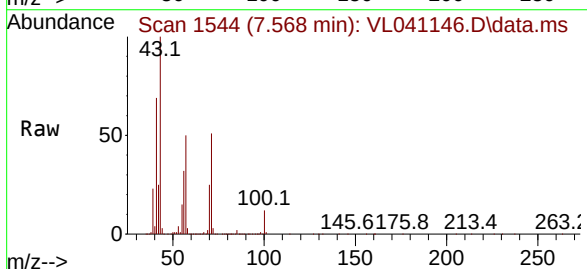
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Ion Ratio Lower Upper
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42 70.5 60.1 90.1

Manual Integrations
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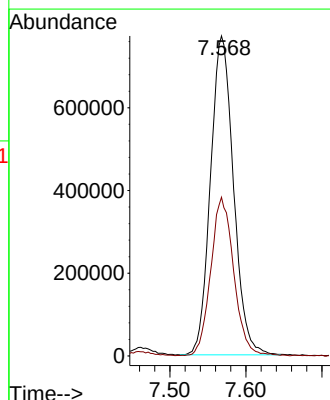
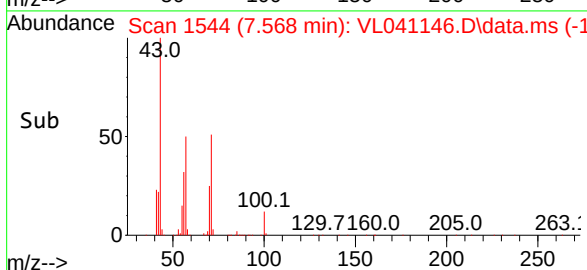
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

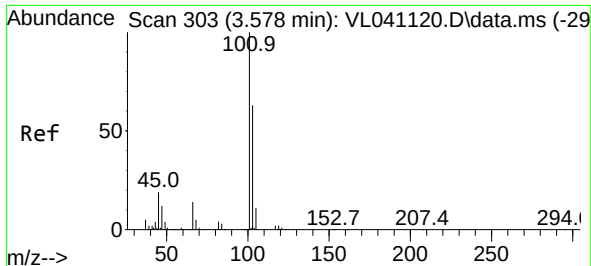


#10
Heptane
Concen: 10.908 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



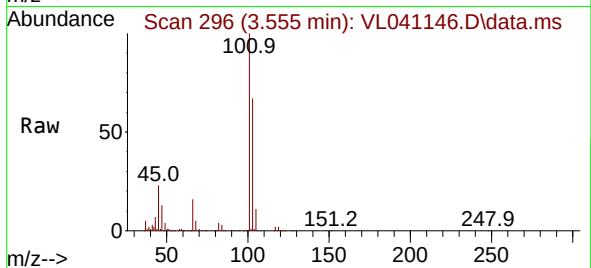
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Ion Ratio Lower Upper
43 100
57 49.4 39.9 59.9





#11
Trichlorofluoromethane
Concen: 9.577 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

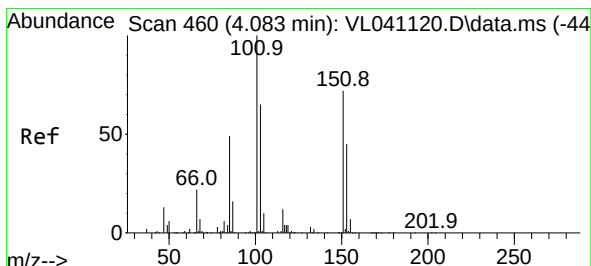
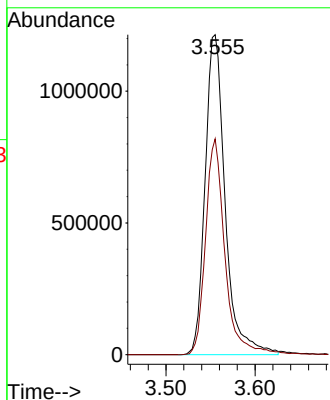
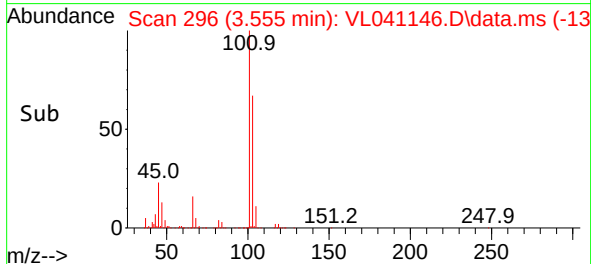
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



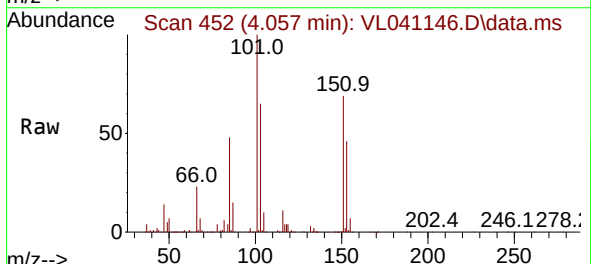
Tgt Ion:101 Resp: 1895524
Ion Ratio Lower Upper
101 100
103 67.4 50.6 75.8

Manual Integrations
APPROVED

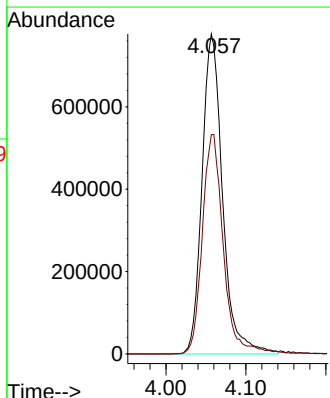
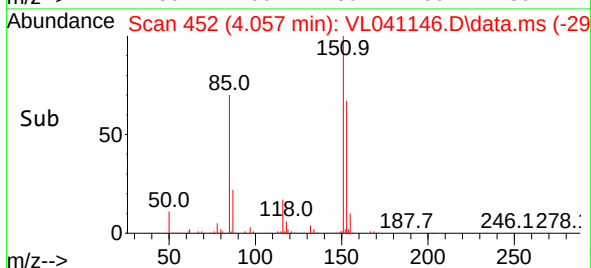
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

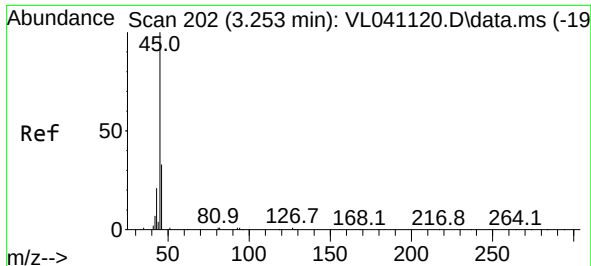


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.708 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



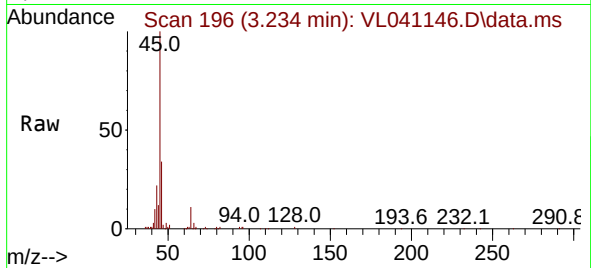
Tgt Ion:101 Resp: 1390793
Ion Ratio Lower Upper
101 100
151 70.4 56.2 84.4





#13
Ethanol
Concen: 9.605 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

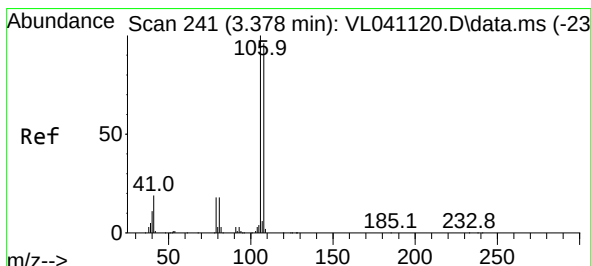
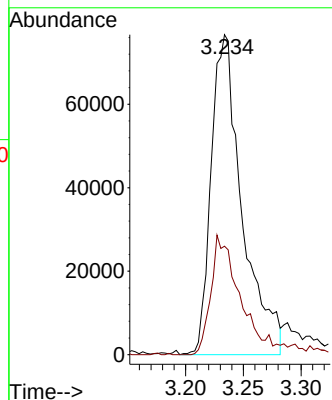
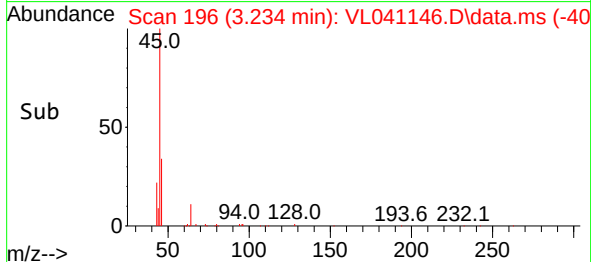
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



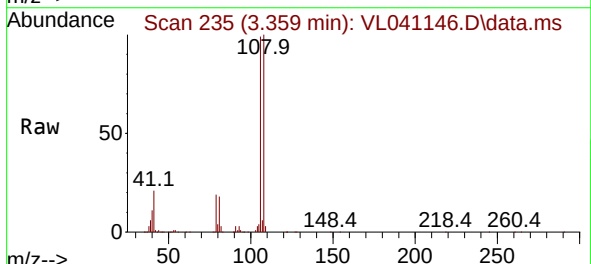
Tgt Ion: 45 Resp: 142839
Ion Ratio Lower Upper
45 100
46 37.8 15.0 59.8

Manual Integrations
APPROVED

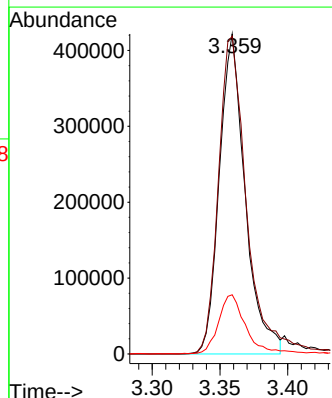
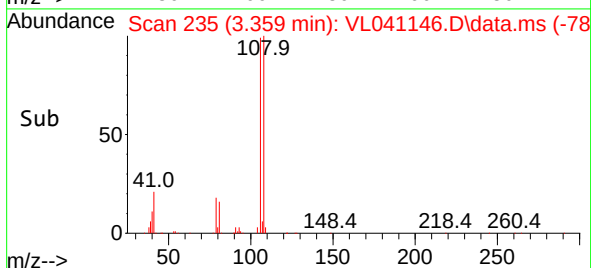
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

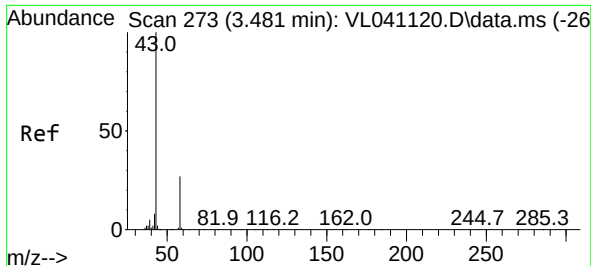


#14
Bromoethene
Concen: 9.886 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



Tgt Ion:108 Resp: 557812
Ion Ratio Lower Upper
108 100
106 110.5 86.0 129.0
79 20.0 15.4 23.2





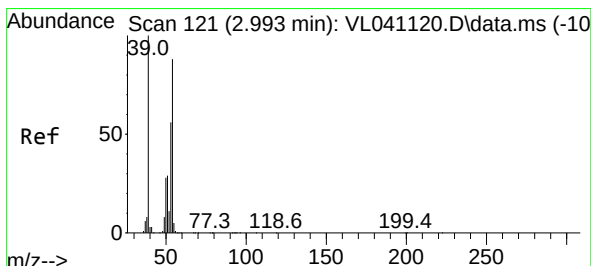
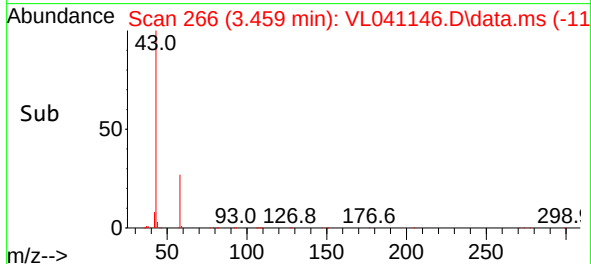
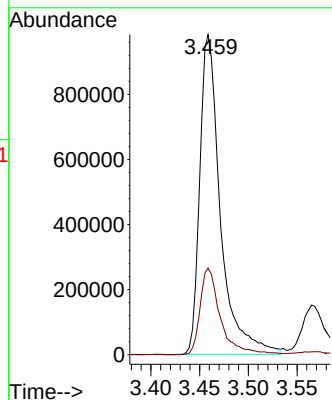
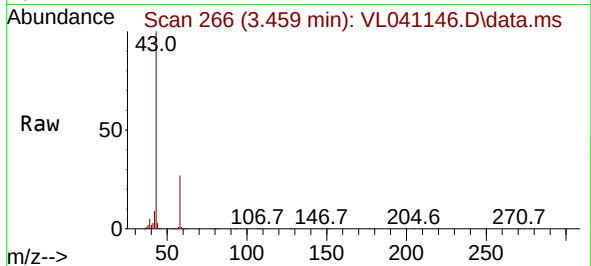
#15
Acetone
Concen: 10.486 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

Tgt Ion: 43 Resp: 144881
Ion Ratio Lower Upper
43 100
58 26.7 21.1 31.7

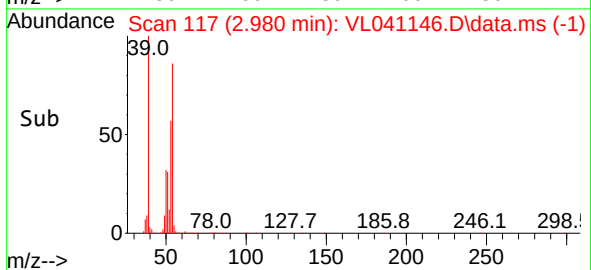
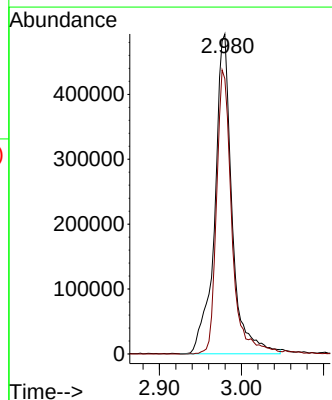
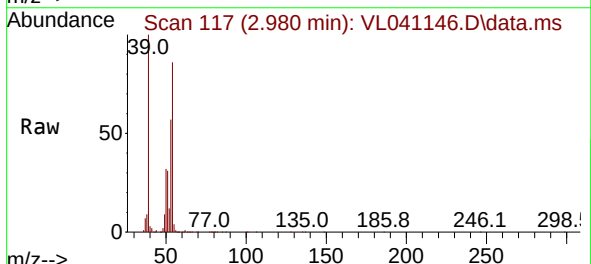
Manual Integrations
APPROVED

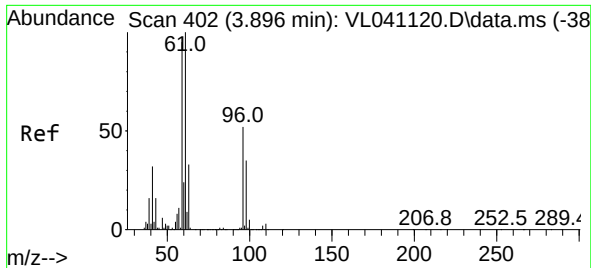
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#16
1,3-Butadiene
Concen: 10.659 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 39 Resp: 722900
Ion Ratio Lower Upper
39 100
54 79.5 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.835 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 59 Resp: 1355754

Ion Ratio Lower Upper

59 100

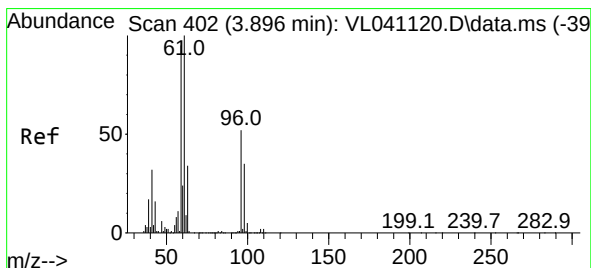
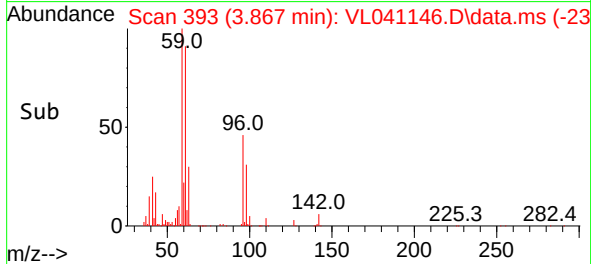
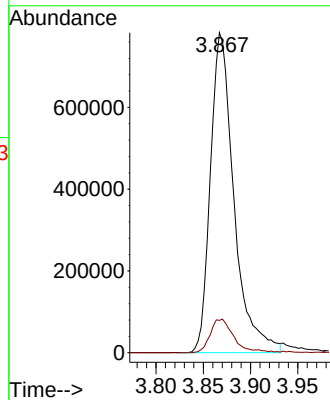
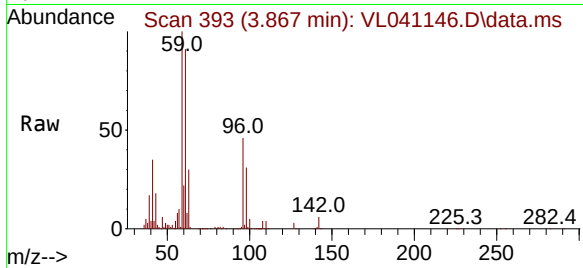
57 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#18

1,1-Dichloroethene

Concen: 10.191 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

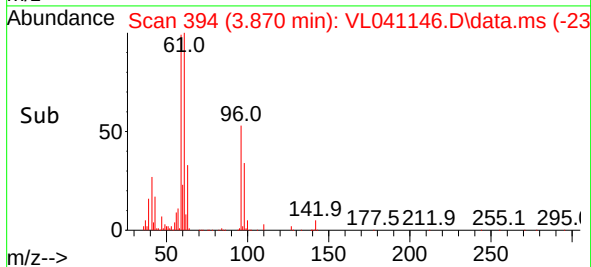
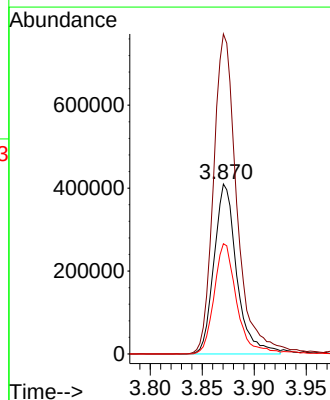
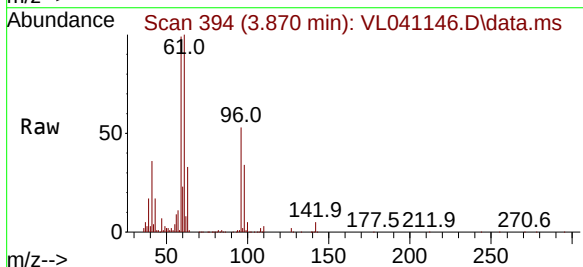
Tgt Ion: 96 Resp: 623310

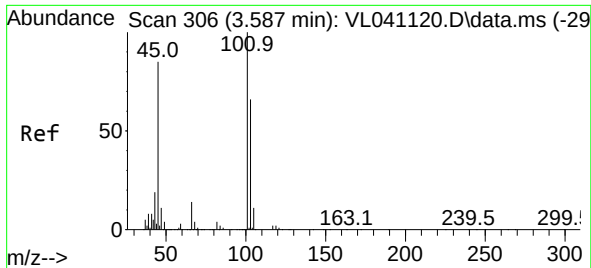
Ion Ratio Lower Upper

96 100

61 188.3 152.6 228.8

98 64.9 54.0 81.0





#19

Isopropyl Alcohol

Concen: 11.181 ppbv

RT: 3.565 min Scan# 299

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 45 Resp: 938484

Ion Ratio Lower Upper

45 100

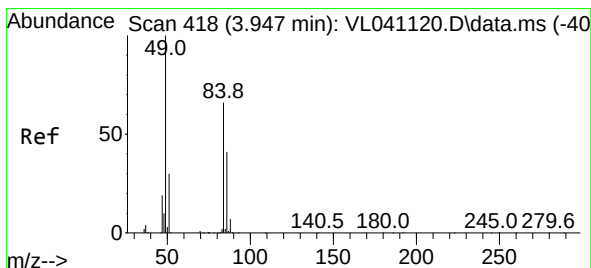
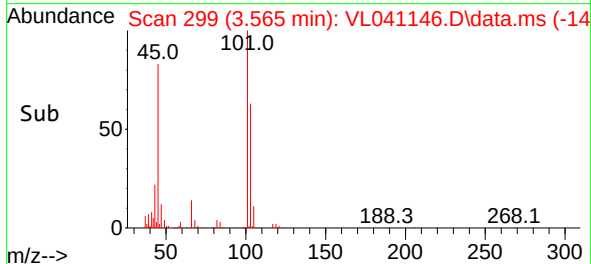
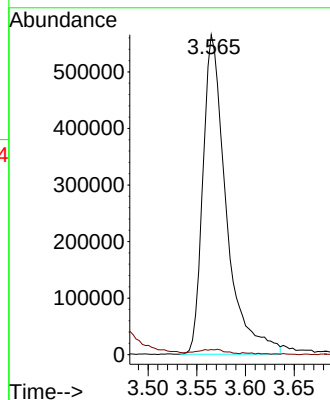
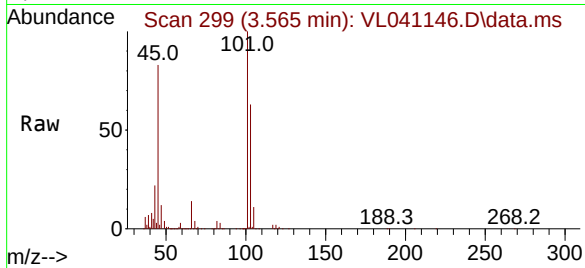
58 2.5 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#20

Methylene Chloride

Concen: 9.003 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 84 Resp: 513042

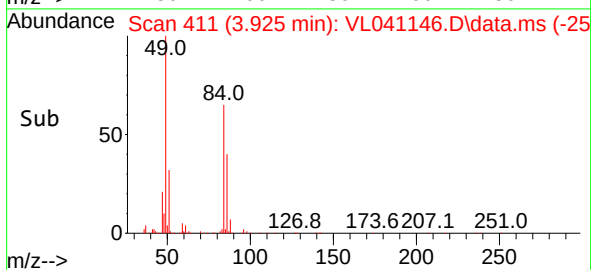
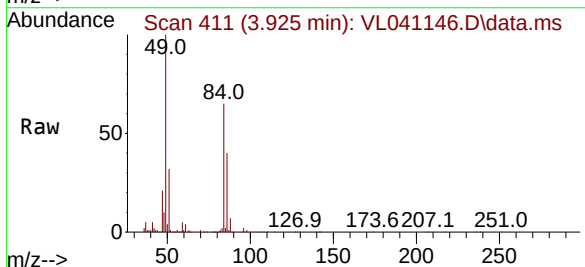
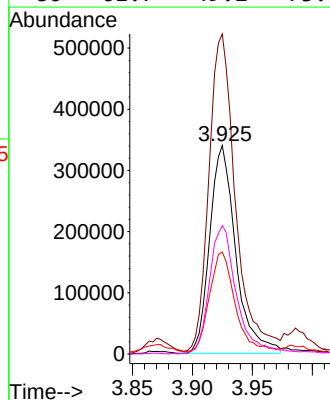
Ion Ratio Lower Upper

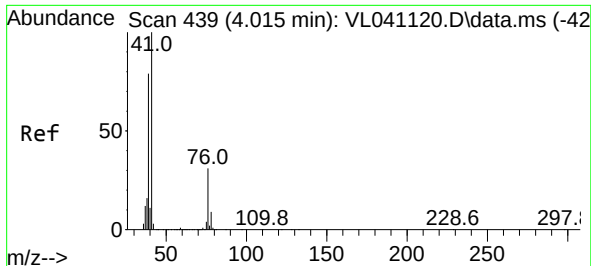
84 100

49 152.2 120.7 181.1

51 47.7 36.6 54.8

86 61.7 49.2 73.8





#21

Allyl Chloride

Concen: 10.318 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041146.D

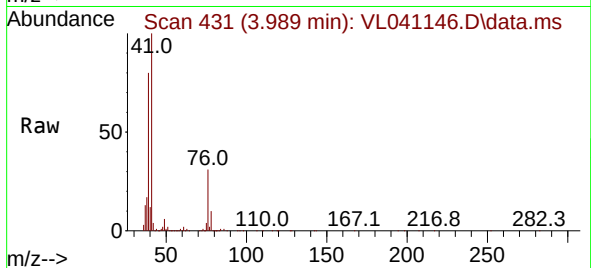
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01



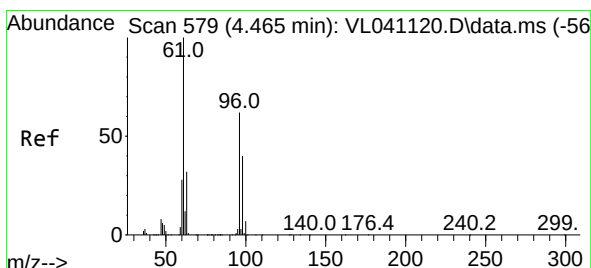
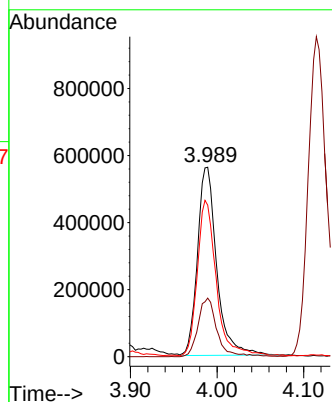
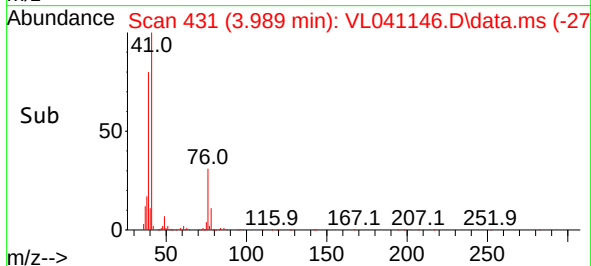
Tgt Ion: 41 Resp: 868640

Ion	Ratio	Lower	Upper
41	100		
76	30.6	25.7	38.5
39	82.4	65.7	98.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#22

trans-1,2-Dichloroethene

Concen: 10.065 ppbv

RT: 4.436 min Scan# 570

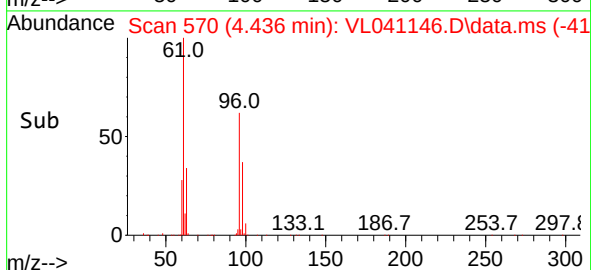
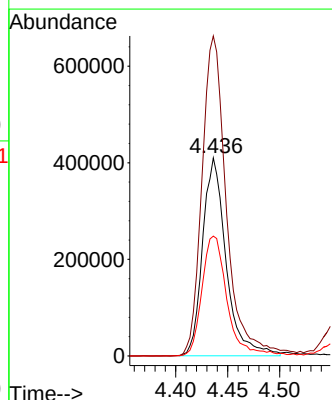
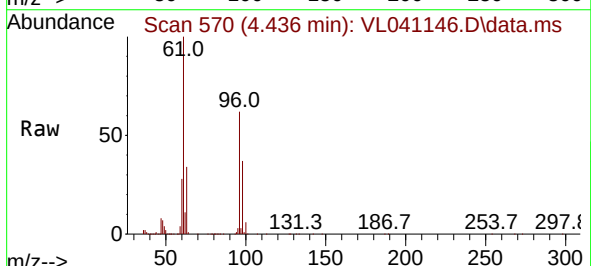
Delta R.T. 0.006 min

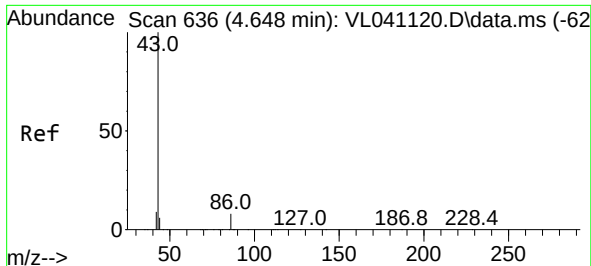
Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 96 Resp: 645357

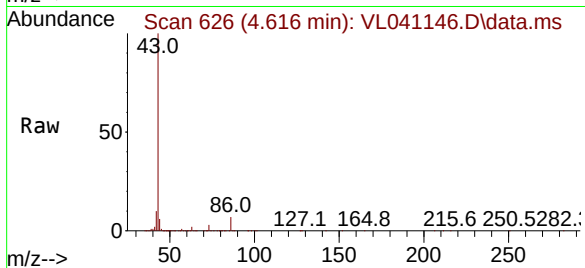
Ion	Ratio	Lower	Upper
96	100		
61	161.4	128.4	192.6
98	60.3	51.5	77.3





#23
Vinyl Acetate
Concen: 11.132 ppbv
RT: 4.616 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

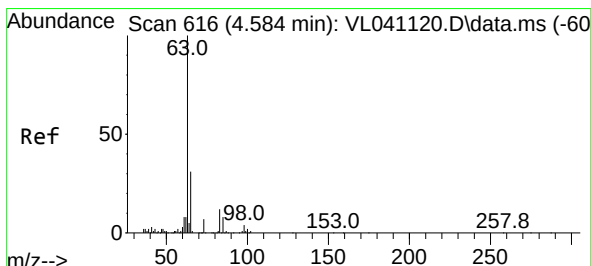
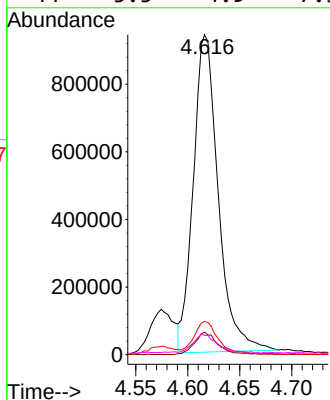
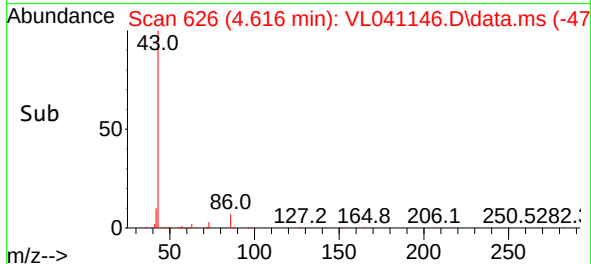
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



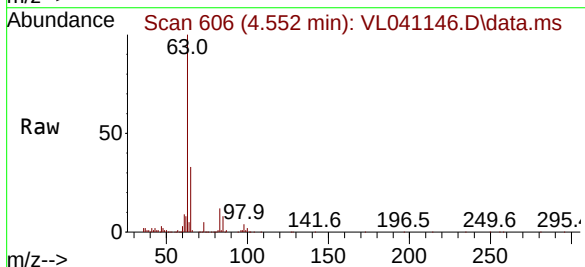
Tgt Ion: 43 Resp: 157122
Ion Ratio Lower Upper
43 100
86 7.0 6.2 9.4
42 10.1 7.7 11.5
44 5.5 4.9 7.3

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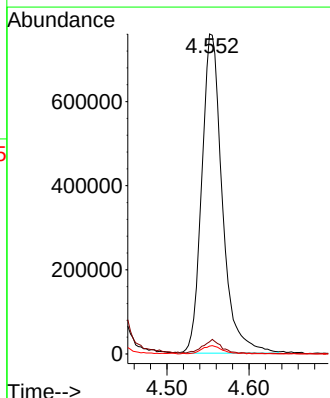
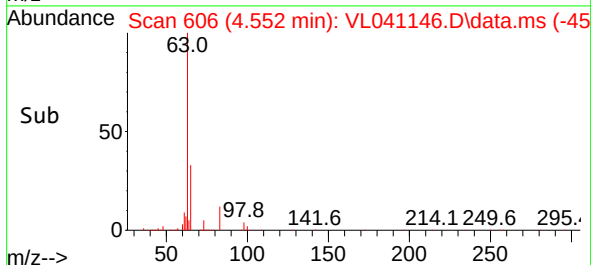
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

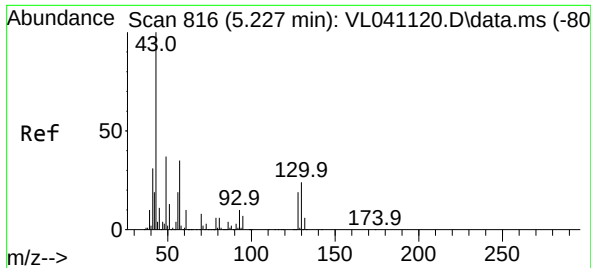


#24
1,1-Dichloroethane
Concen: 10.258 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



Tgt Ion: 63 Resp: 1317359
Ion Ratio Lower Upper
63 100
98 3.7 2.1 6.3
100 2.4 1.1 3.3





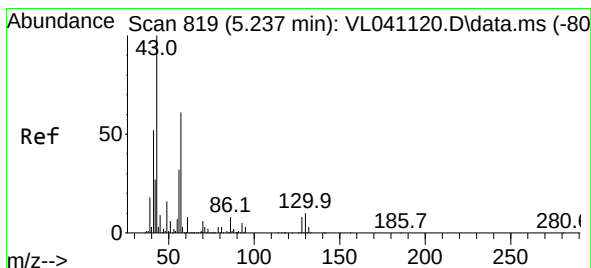
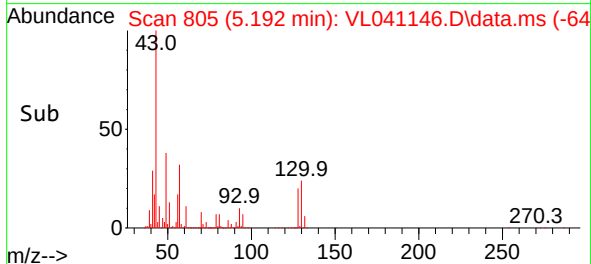
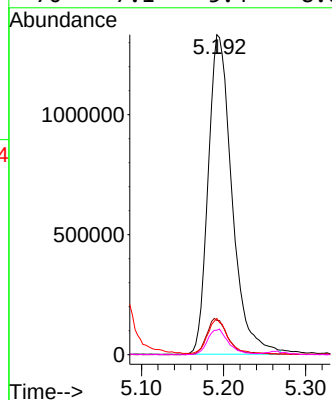
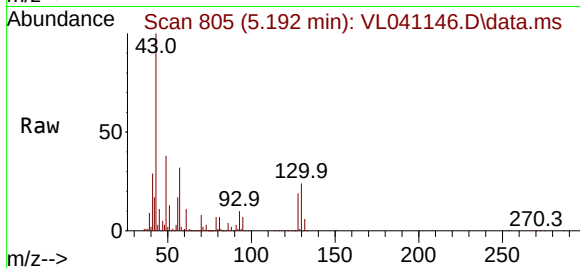
#25
Ethyl Acetate
Concen: 10.337 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

Tgt Ion: 43 Resp: 268225
Ion Ratio Lower Upper
43 100
45 10.4 8.0 12.0
61 9.9 7.8 11.6
70 7.1 5.4 8.0

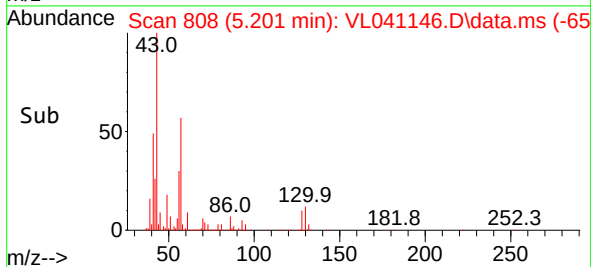
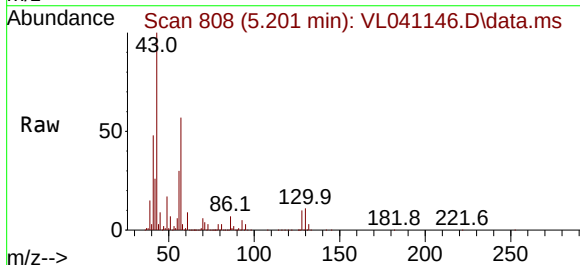
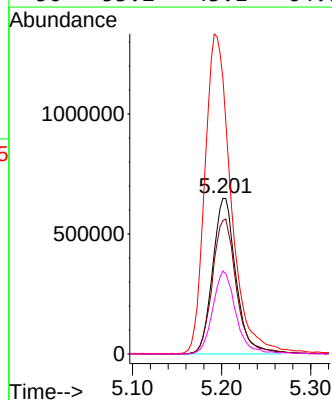
Manual Integrations
APPROVED

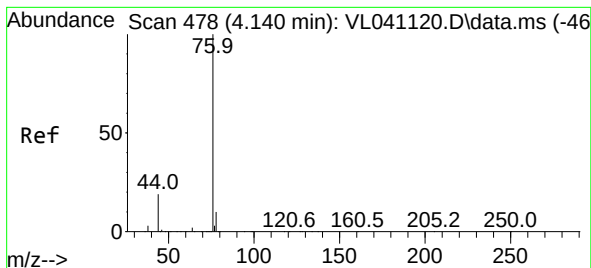
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#26
Hexane
Concen: 10.107 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 57 Resp: 1176785
Ion Ratio Lower Upper
57 100
41 90.3 73.8 110.8
43 231.2 186.2 279.2
56 53.2 43.1 64.7





#27

Carbon Disulfide

Concen: 10.687 ppbv

RT: 4.115 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041146.D

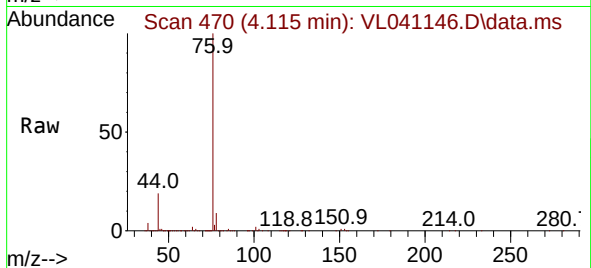
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01



Tgt Ion: 76 Resp: 1524600

Ion Ratio Lower Upper

76 100

44 21.0 16.3 24.5

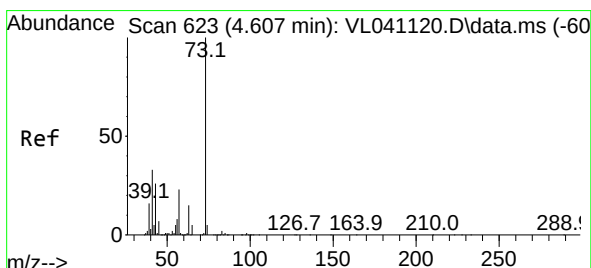
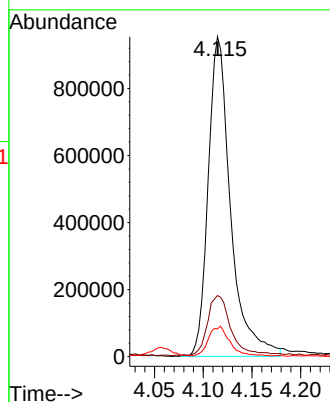
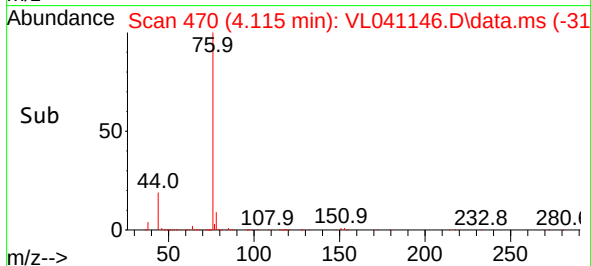
78 9.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#28

Methyl tert-Butyl Ether

Concen: 10.386 ppbv

RT: 4.578 min Scan# 614

Delta R.T. 0.006 min

Lab File: VL041146.D

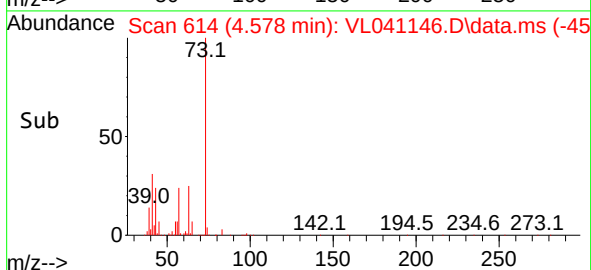
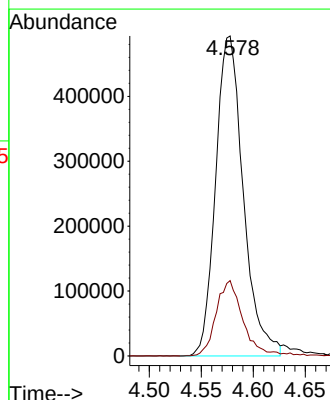
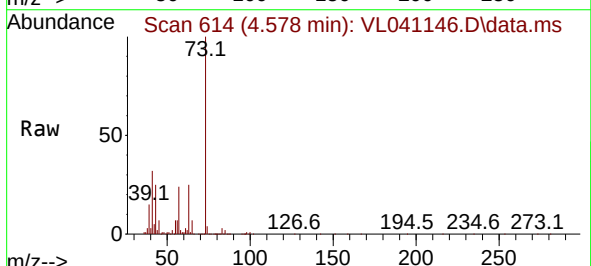
Acq: 8 Apr 2024 12:04

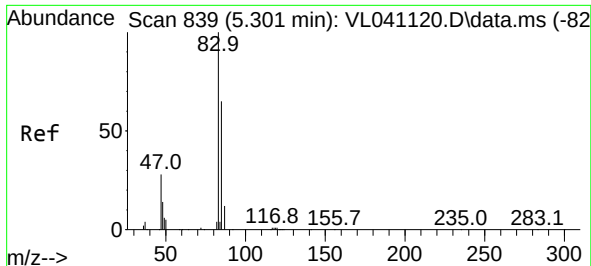
Tgt Ion: 73 Resp: 912523

Ion Ratio Lower Upper

73 100

57 23.2 18.6 27.8





#29

Chloroform

Concen: 9.982 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 83 Resp: 1959130

Ion Ratio Lower Upper

83 100

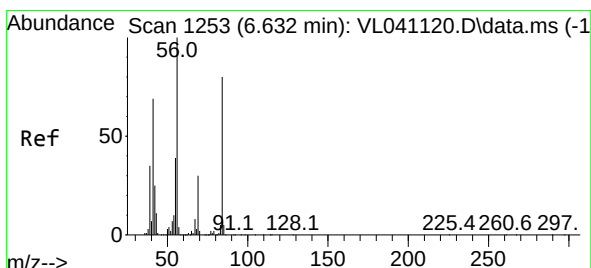
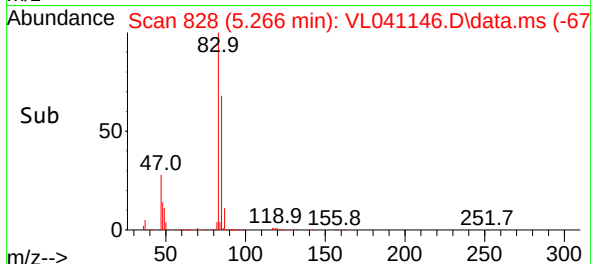
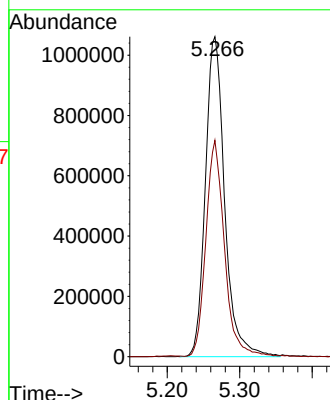
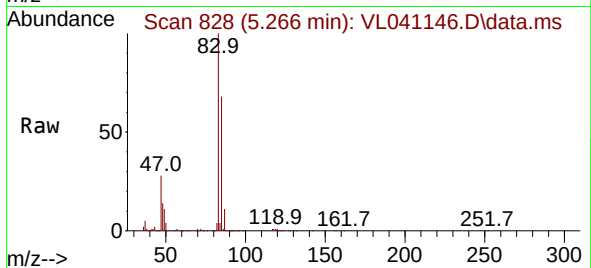
85 67.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#30

Cyclohexane

Concen: 10.995 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

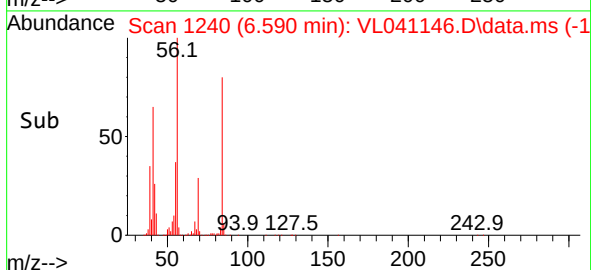
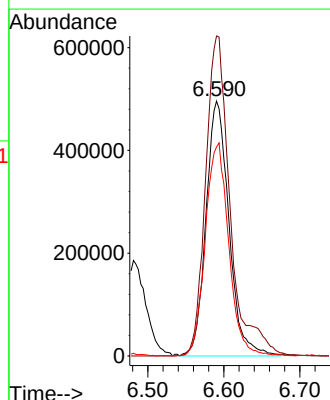
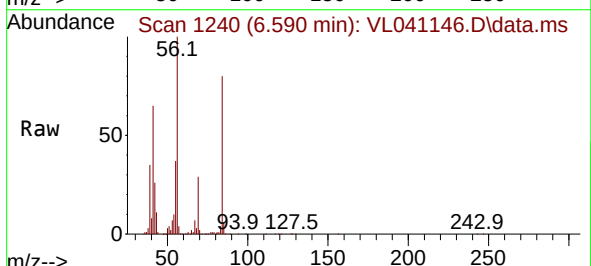
Tgt Ion: 84 Resp: 1042719

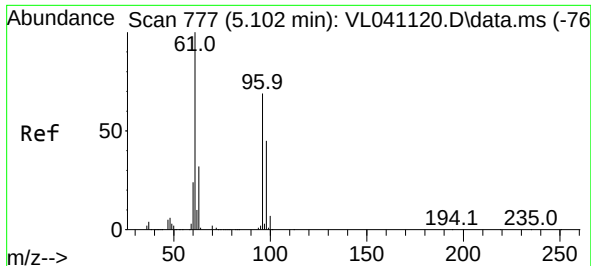
Ion Ratio Lower Upper

84 100

56 134.5 111.9 167.9

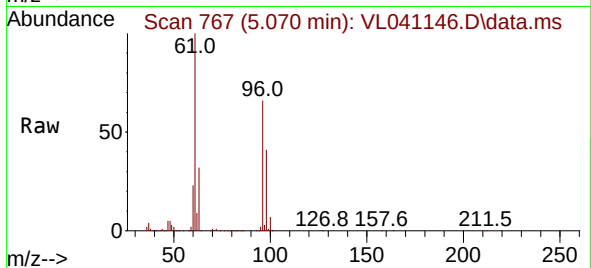
41 84.9 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.677 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

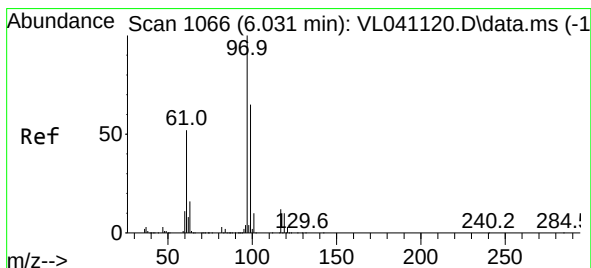
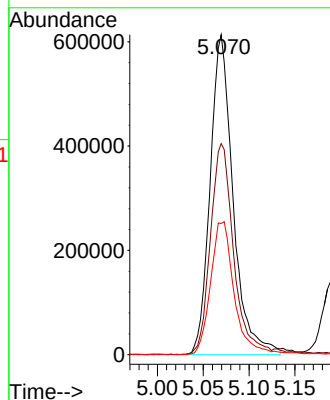
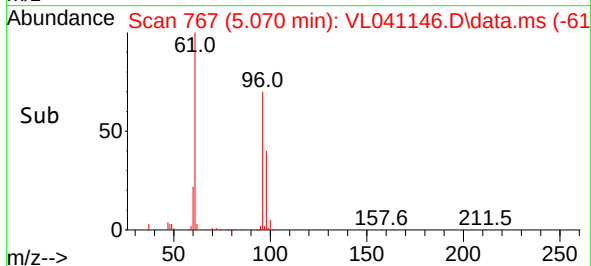
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01



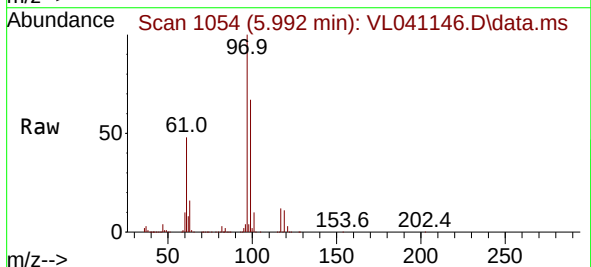
Tgt Ion: 61 Resp: 1066424
 Ion Ratio Lower Upper
 61 100
 96 65.9 54.9 82.3
 98 40.9 35.9 53.9

Manual Integrations
 APPROVED

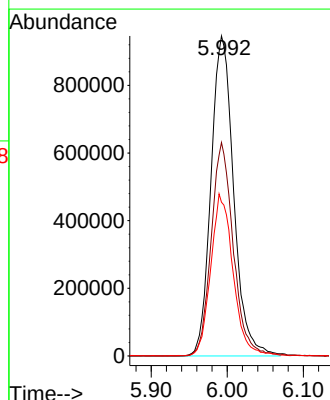
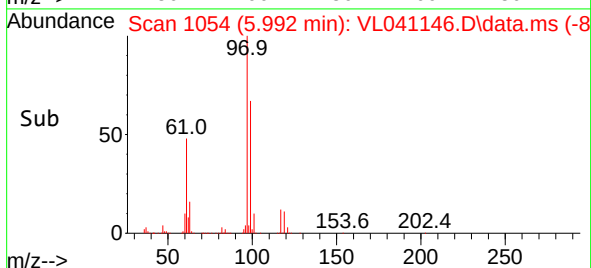
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

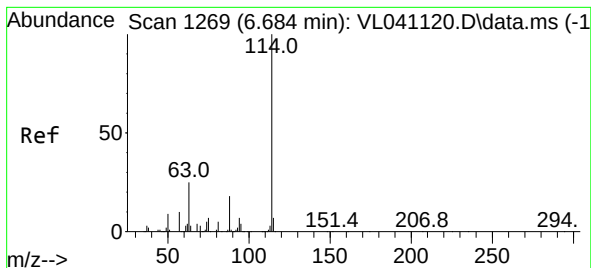


#32
 1,1,1-Trichloroethane
 Concen: 10.800 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04



Tgt Ion: 97 Resp: 1959444
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 50.3 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041146.D

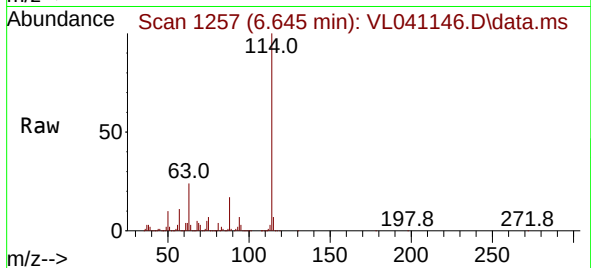
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01



Tgt Ion:114 Resp: 344198

Ion Ratio Lower Upper

114 100

63 25.2 20.9 31.3

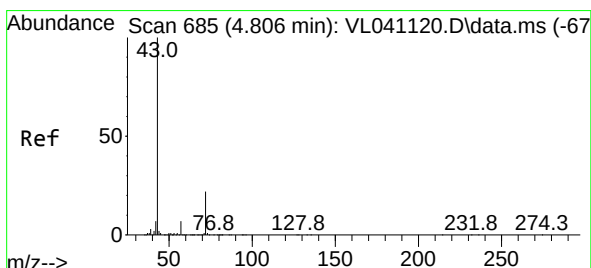
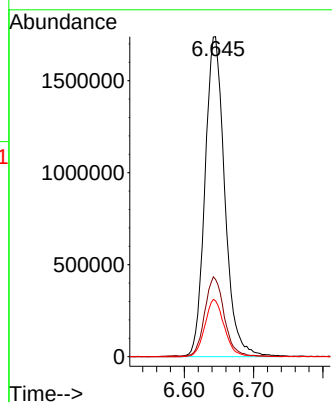
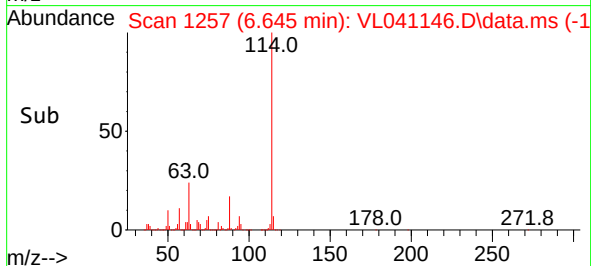
88 17.7 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#34

2-Butanone

Concen: 10.046 ppbv

RT: 4.777 min Scan# 676

Delta R.T. 0.006 min

Lab File: VL041146.D

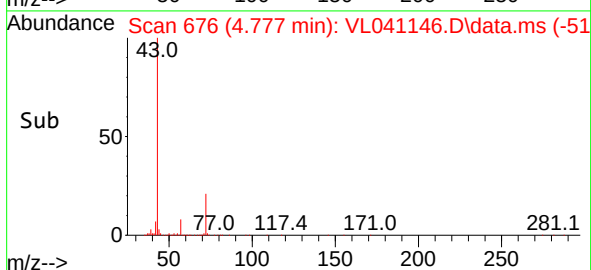
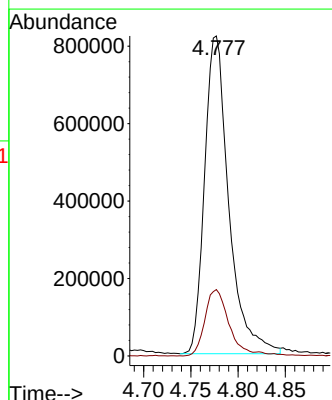
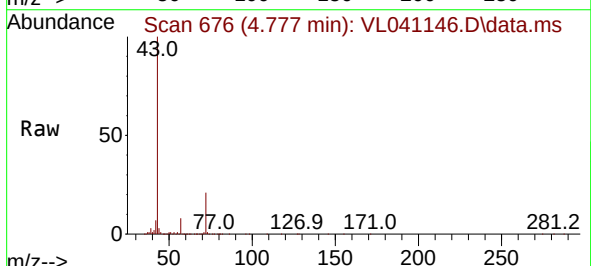
Acq: 8 Apr 2024 12:04

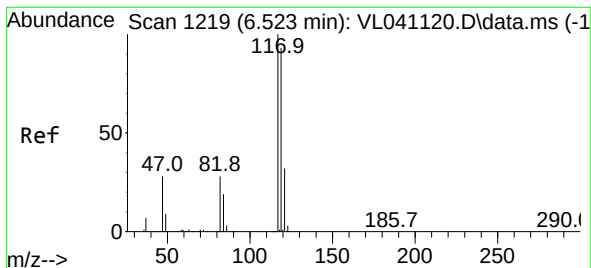
Tgt Ion: 43 Resp: 1463178

Ion Ratio Lower Upper

43 100

72 21.2 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.563 ppbv

RT: 6.481 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041146.D

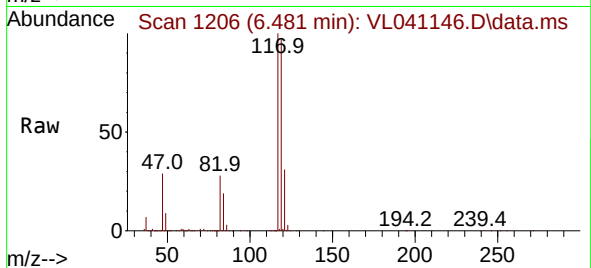
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01



Tgt Ion: 117 Resp: 2069910

Ion Ratio Lower Upper

117 100

119 96.6 74.2 111.4

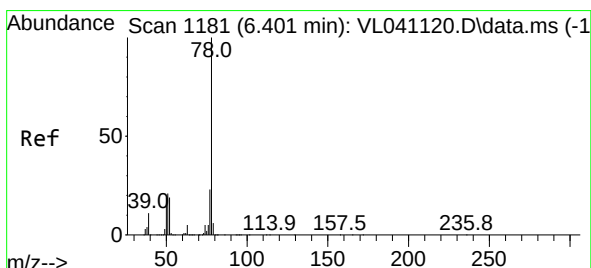
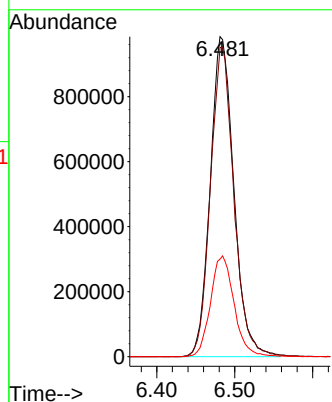
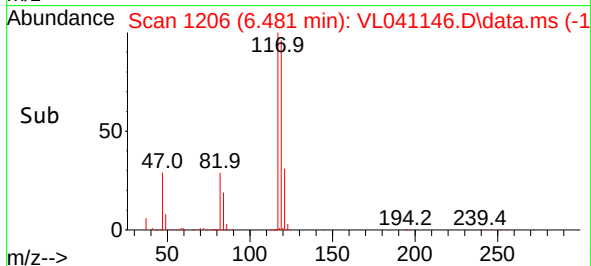
121 30.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#36

Benzene

Concen: 10.155 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

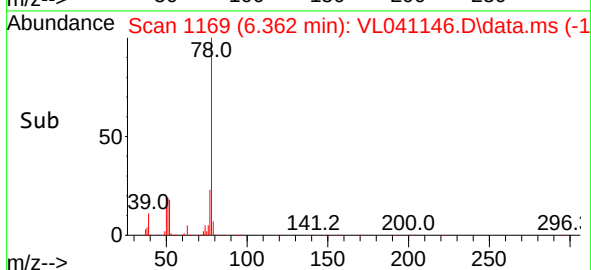
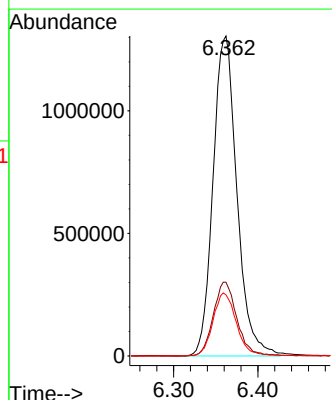
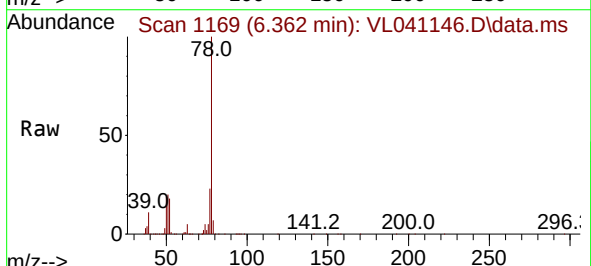
Tgt Ion: 78 Resp: 2566721

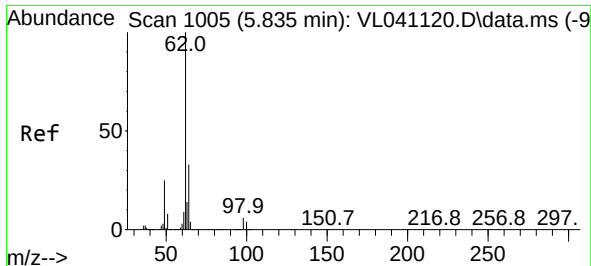
Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.4

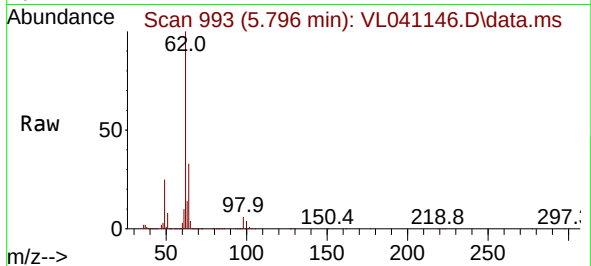
50 19.1 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.952 ppbv
RT: 5.796 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

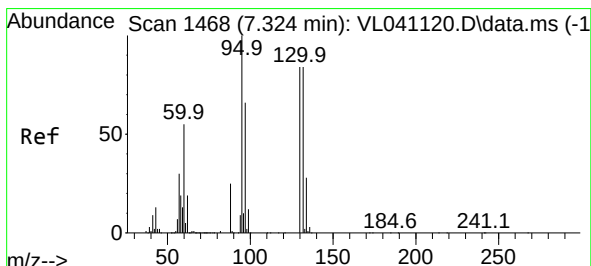
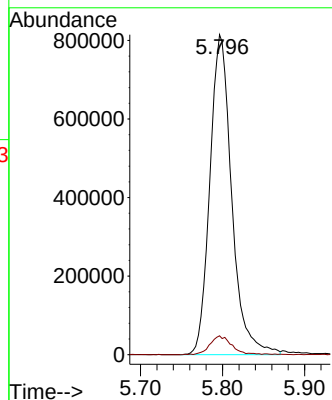
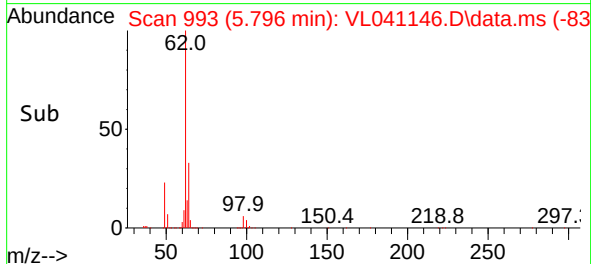
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 62 Resp: 151034
Ion Ratio Lower Upper
62 100
98 6.0 4.6 7.0

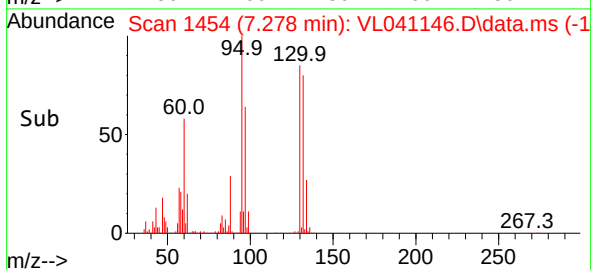
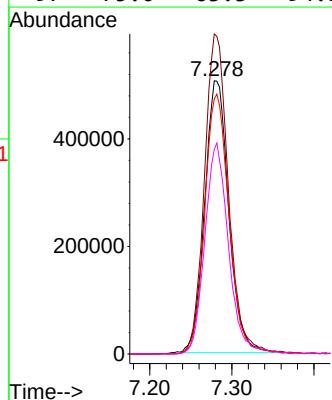
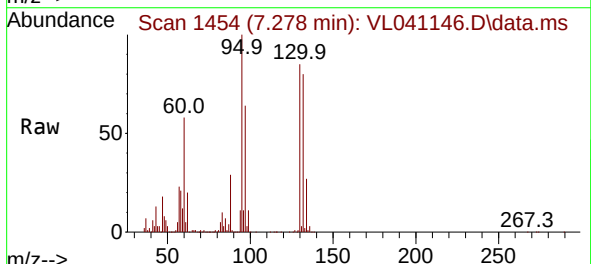
Manual Integrations
APPROVED

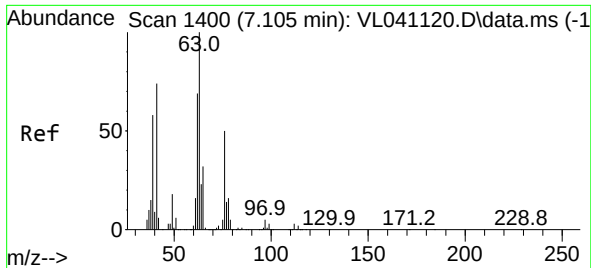
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#38
Trichloroethene
Concen: 11.307 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:130 Resp: 1032529
Ion Ratio Lower Upper
130 100
95 117.5 95.4 143.0
132 93.5 80.0 120.0
97 75.0 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.910 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 63 Resp: 98765

Ion Ratio Lower Upper

63 100

41 74.1 58.7 88.1

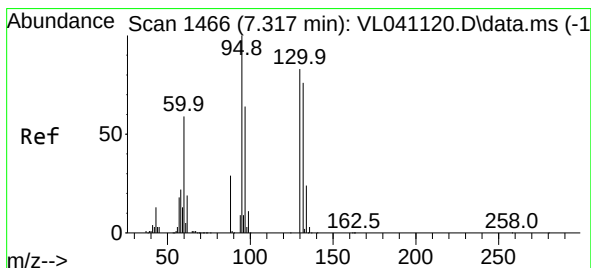
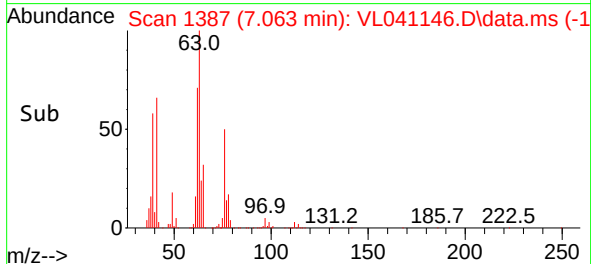
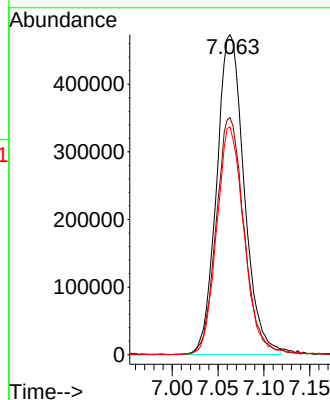
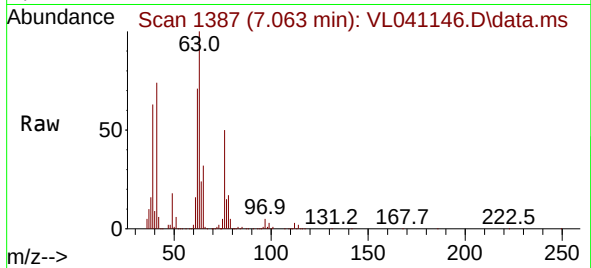
62 71.1 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#40

1,4-Dioxane

Concen: 10.999 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Tgt Ion: 88 Resp: 382039

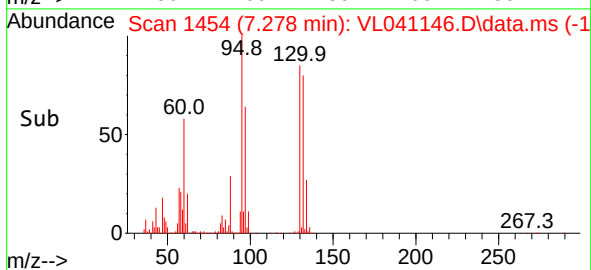
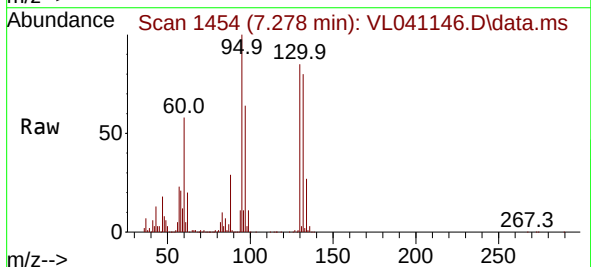
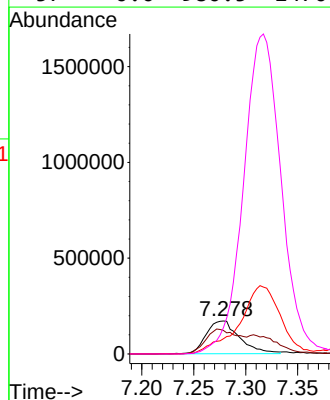
Ion Ratio Lower Upper

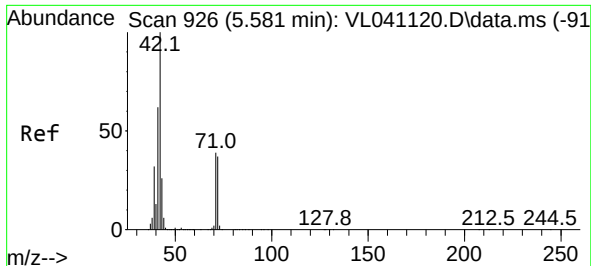
88 100

58 128.8 107.8 161.6

43 0.0 223.8 335.6#

57 0.0 980.5 1470.7#





#41

Tetrahydrofuran

Concen: 10.853 ppbv

RT: 5.545 min Scan# 915

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 42 Resp: 1052470

Ion Ratio Lower Upper

42 100

72 37.5 31.2 46.8

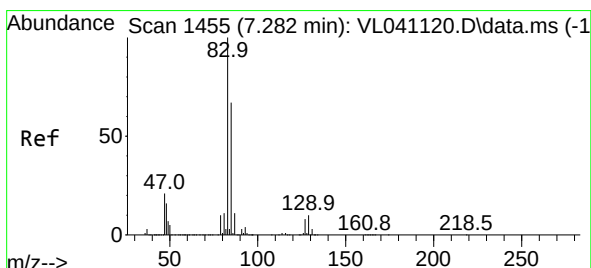
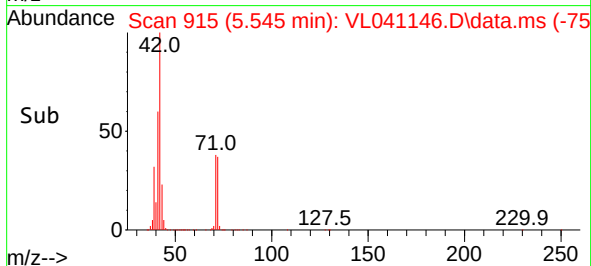
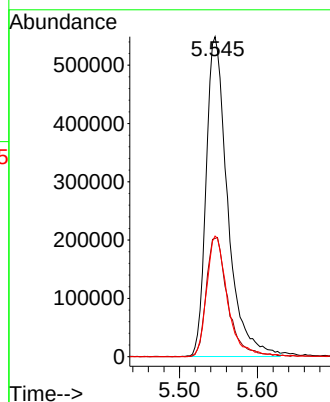
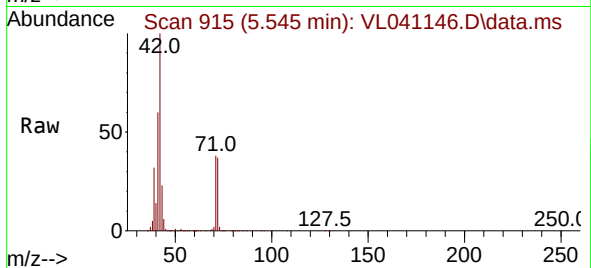
71 37.1 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#42

Bromodichloromethane

Concen: 10.240 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

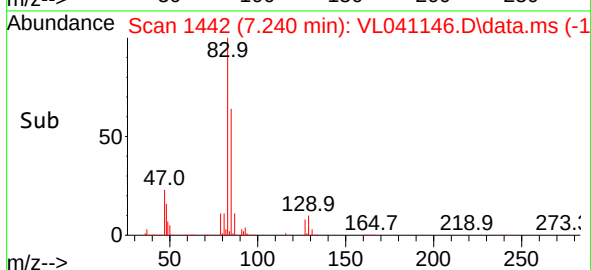
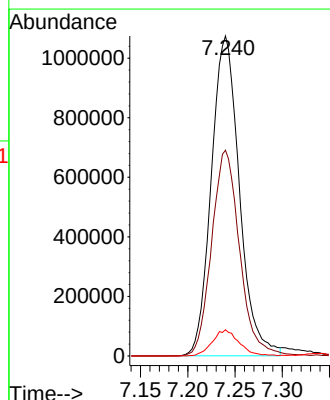
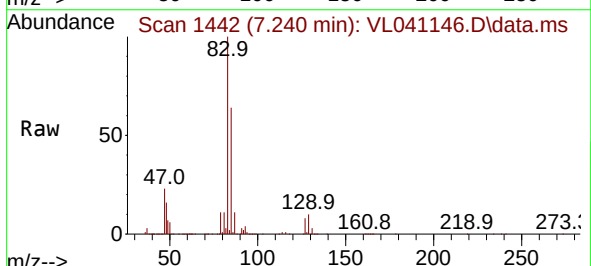
Tgt Ion: 83 Resp: 2220189

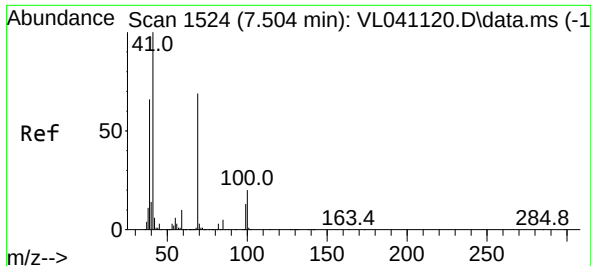
Ion Ratio Lower Upper

83 100

85 64.2 53.5 80.3

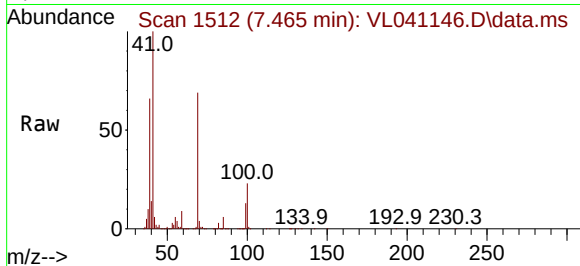
127 8.2 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.152 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

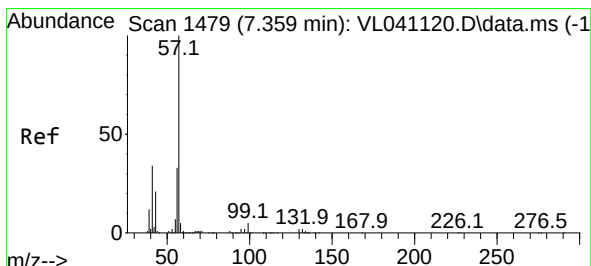
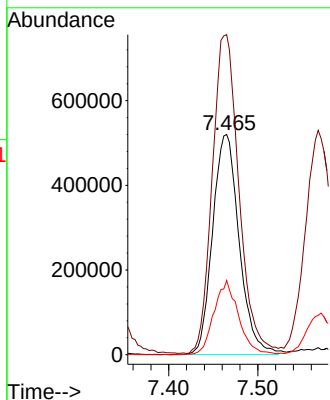
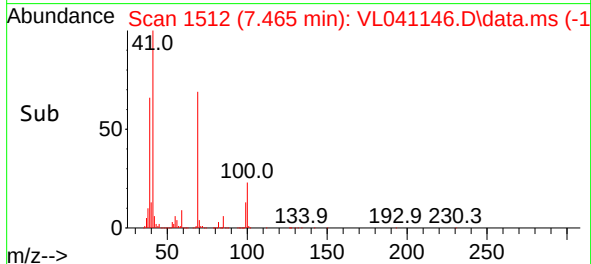
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 69 Resp: 107366
Ion Ratio Lower Upper
69 100
41 147.0 119.2 178.8
100 31.4 24.6 37.0

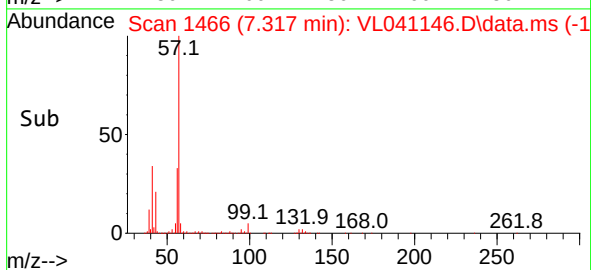
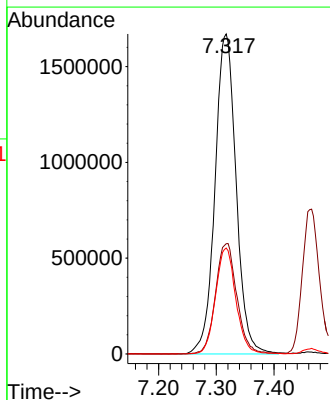
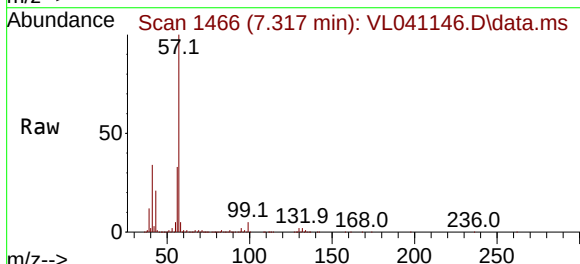
Manual Integrations
APPROVED

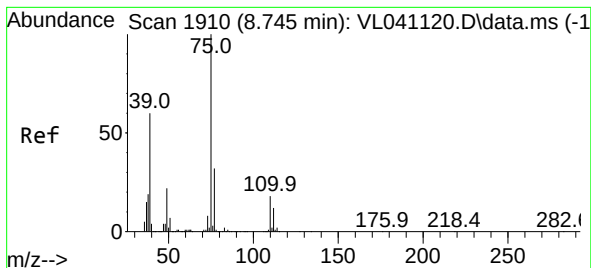
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#44
2,2,4-Trimethylpentane
Concen: 10.137 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 57 Resp: 4242055
Ion Ratio Lower Upper
57 100
41 35.0 28.2 42.2
56 31.9 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 10.196 ppbv

RT: 8.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion: 75 Resp: 578504

Ion Ratio Lower Upper

75 100

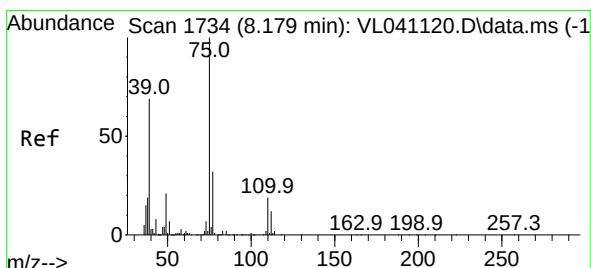
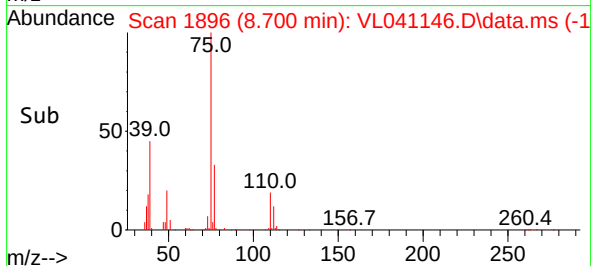
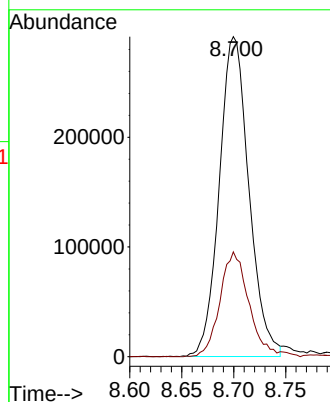
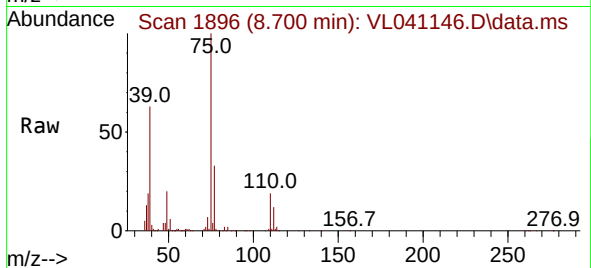
77 32.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#46

cis-1,3-Dichloropropene

Concen: 10.255 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

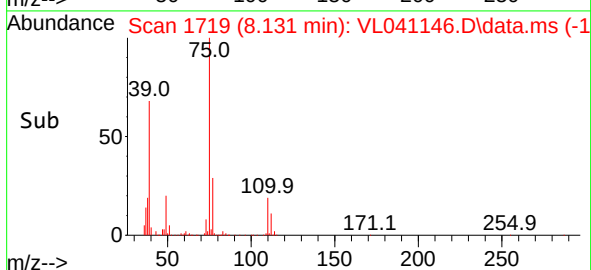
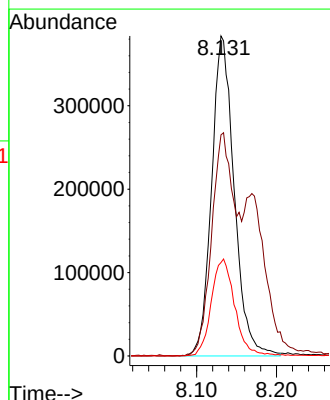
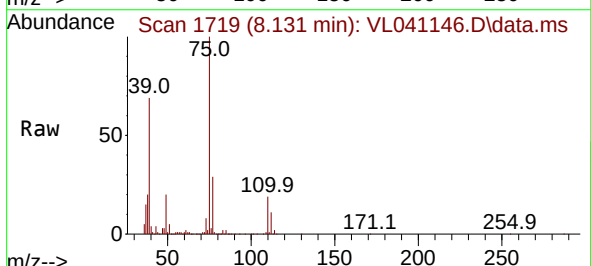
Tgt Ion: 75 Resp: 752784

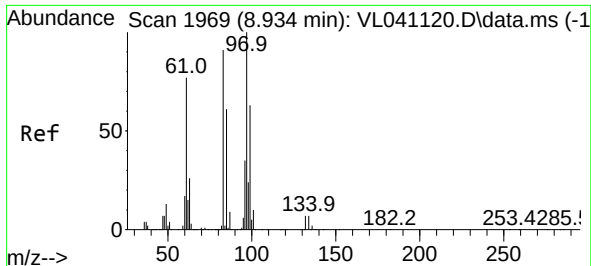
Ion Ratio Lower Upper

75 100

39 69.1 55.1 82.7

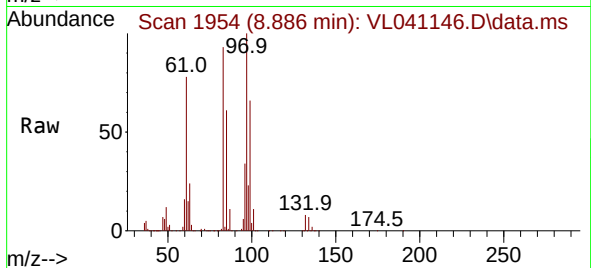
77 29.2 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.195 ppbv
RT: 8.886 min Scan# 1969
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

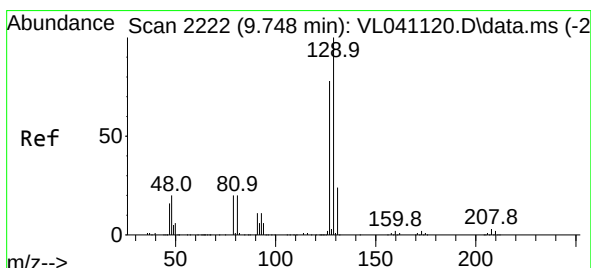
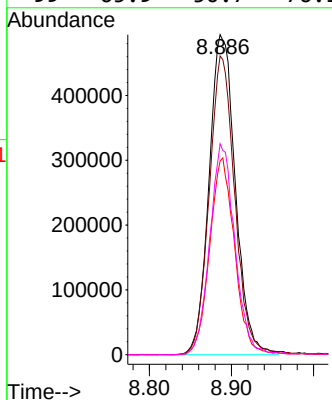
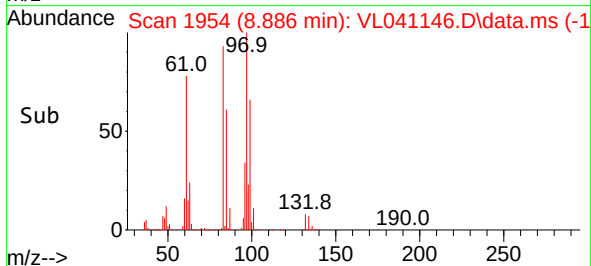
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion: 97 Resp: 109819
Ion Ratio Lower Upper
97 100
83 93.2 72.9 109.3
85 60.4 49.1 73.7
99 65.9 50.7 76.1

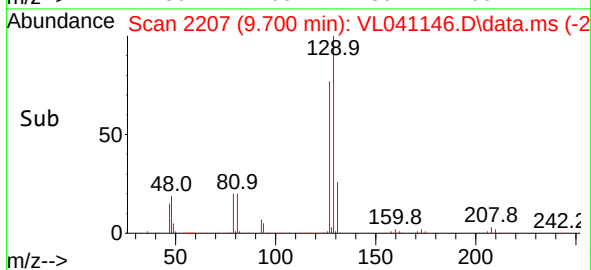
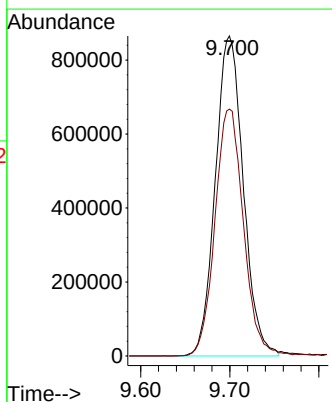
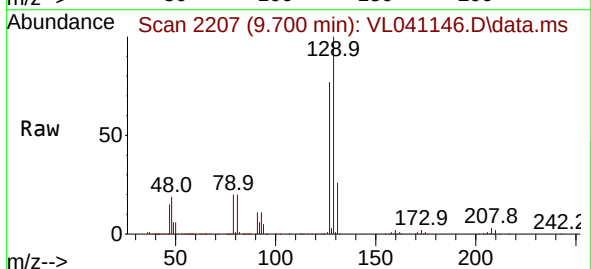
Manual Integrations
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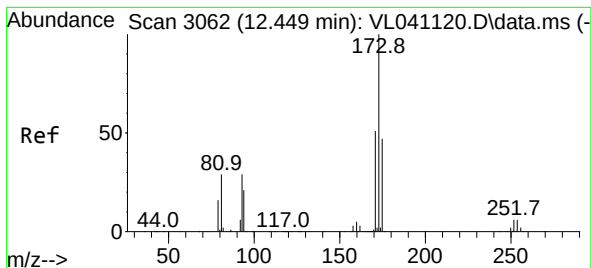
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#48
Dibromochloromethane
Concen: 11.042 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion:129 Resp: 1888122
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.9





#49

Bromoform

Concen: 11.117 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion:173 Resp: 1505870

Ion Ratio Lower Upper

173 100

175 50.0 39.4 59.0

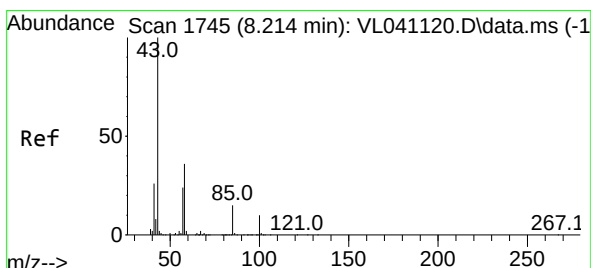
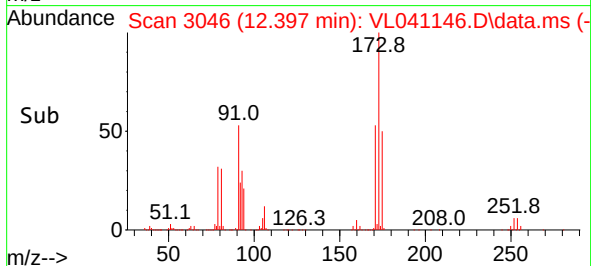
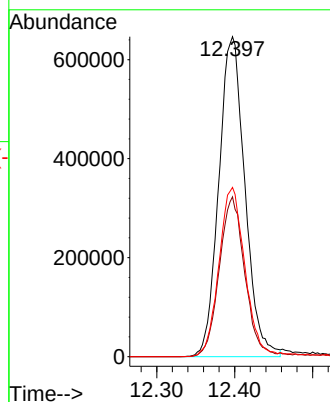
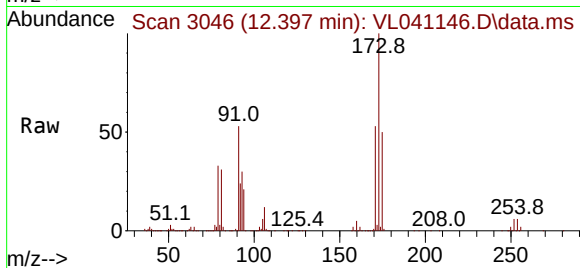
171 54.2 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#50

4-Methyl-2-Pentanone

Concen: 10.570 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.006 min

Lab File: VL041146.D

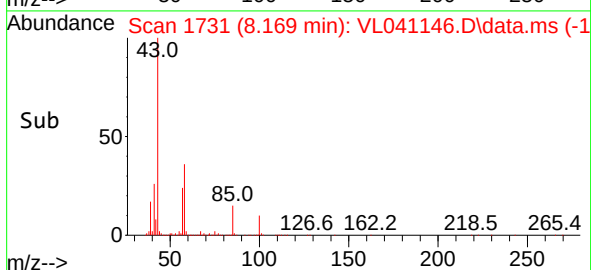
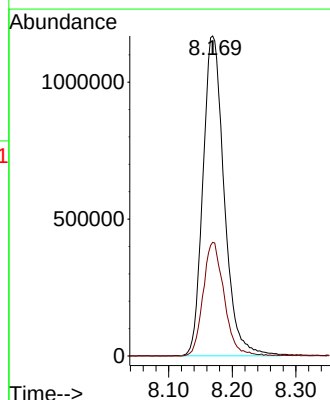
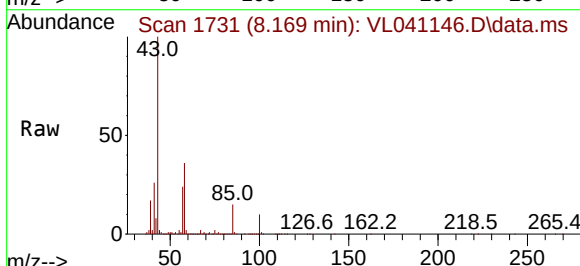
Acq: 8 Apr 2024 12:04

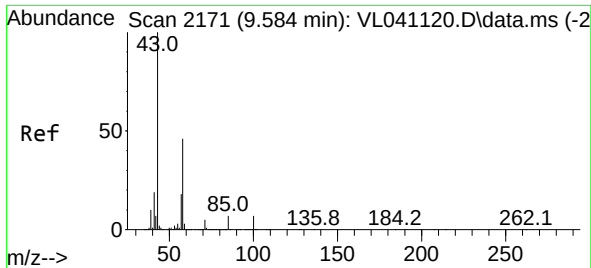
Tgt Ion: 43 Resp: 2709148

Ion Ratio Lower Upper

43 100

58 35.5 27.7 41.5





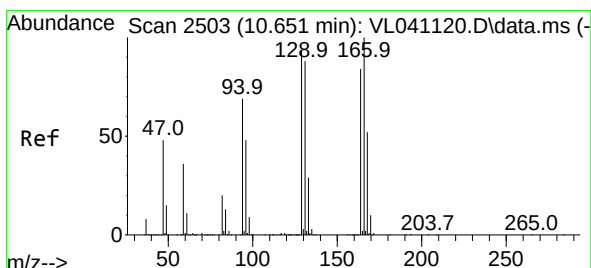
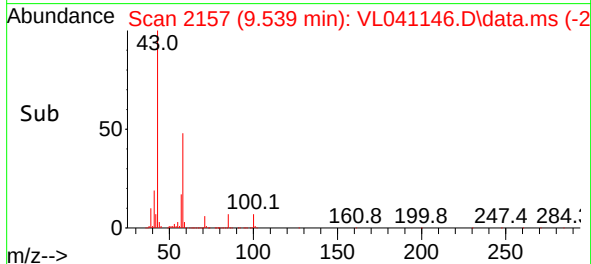
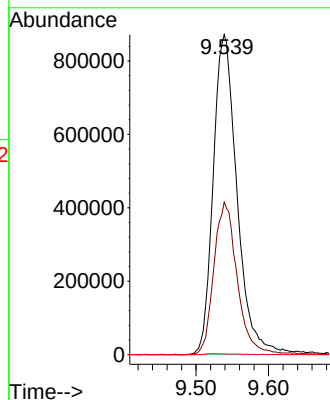
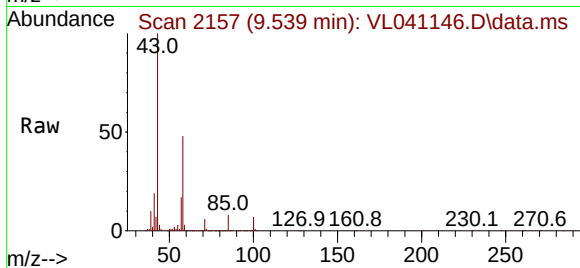
#51
2-Hexanone
Concen: 11.136 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

Tgt Ion: 43 Resp: 1979028
Ion Ratio Lower Upper
43 100
58 47.2 37.3 55.9
98 0.4 0.3 0.5

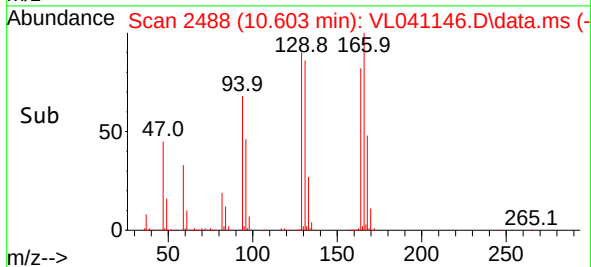
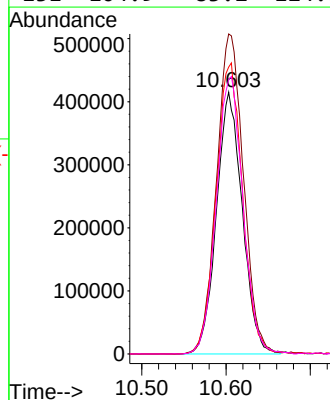
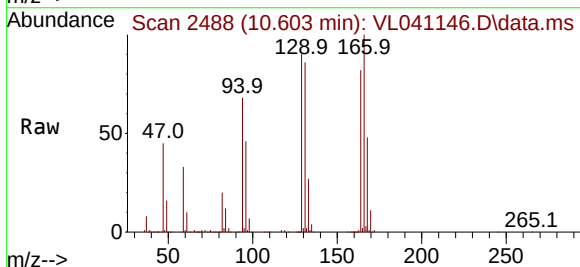
Manual Integrations
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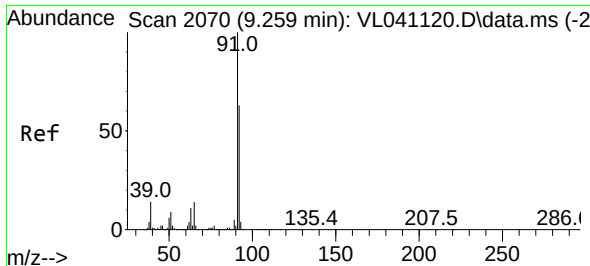
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#52
Tetrachloroethene
Concen: 10.930 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

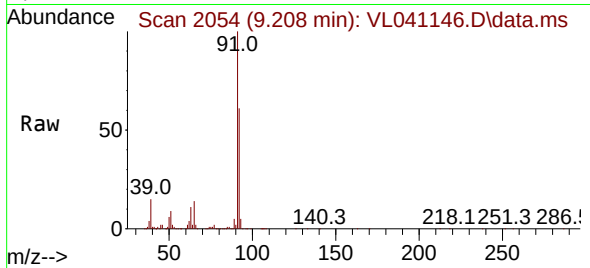
Tgt Ion:164 Resp: 881422
Ion Ratio Lower Upper
164 100
166 122.2 95.0 142.6
129 109.5 88.7 133.1
131 104.9 83.2 124.8





#53
Toluene
Concen: 11.022 ppbv
RT: 9.208 min Scan# 2070
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

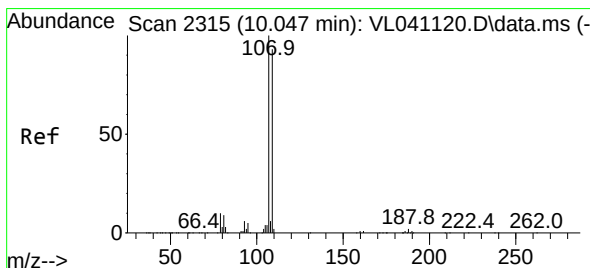
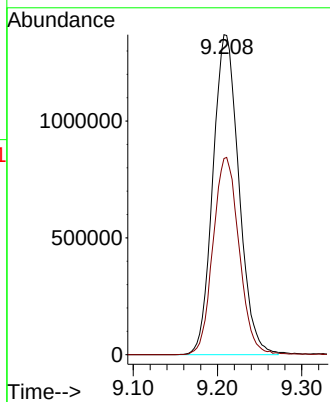
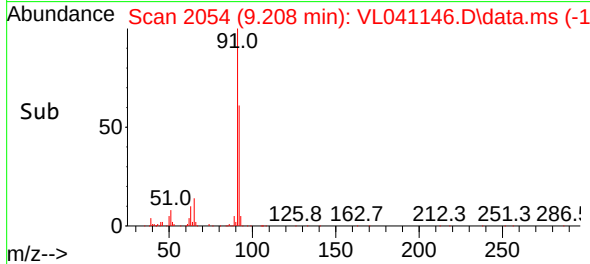
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



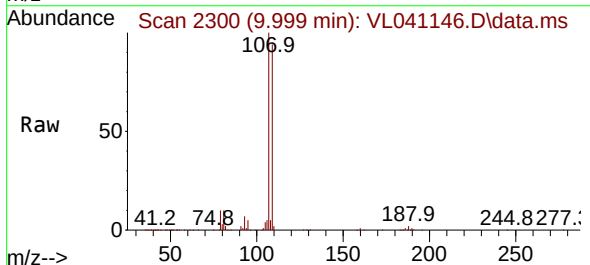
Tgt Ion: 91 Resp: 2933370
Ion Ratio Lower Upper
91 100
92 62.1 49.0 73.4

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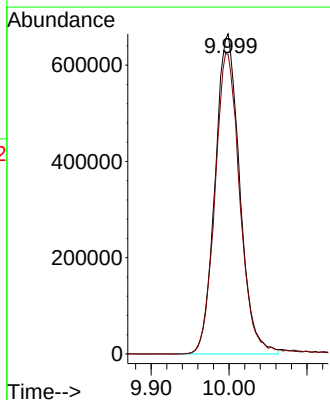
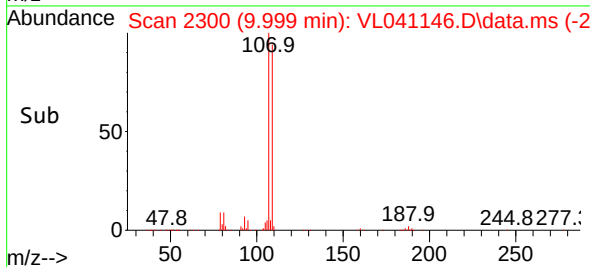
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

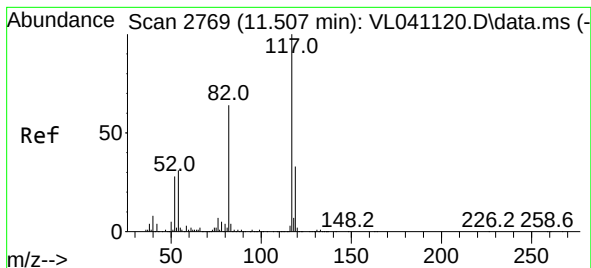


#54
1,2-Dibromoethane
Concen: 10.856 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



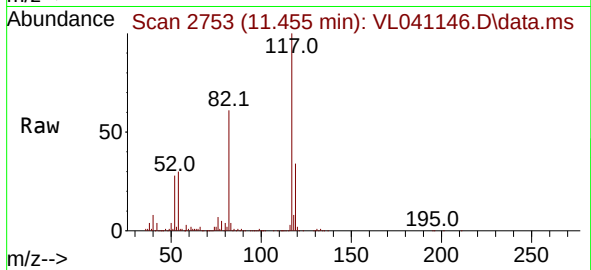
Tgt Ion:107 Resp: 1458379
Ion Ratio Lower Upper
107 100
109 93.6 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

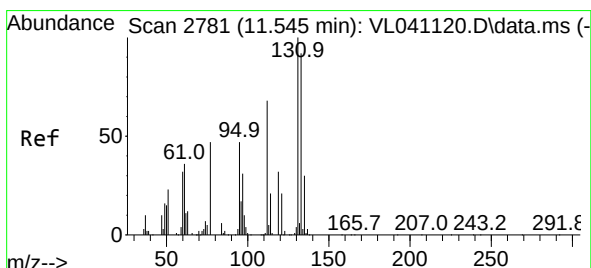
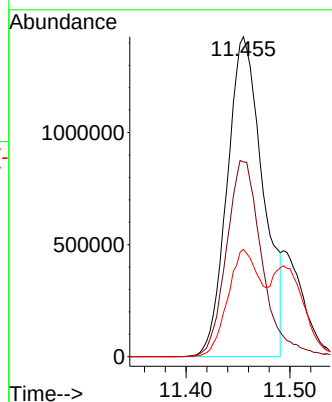
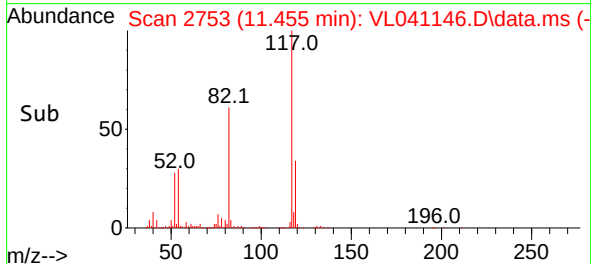
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



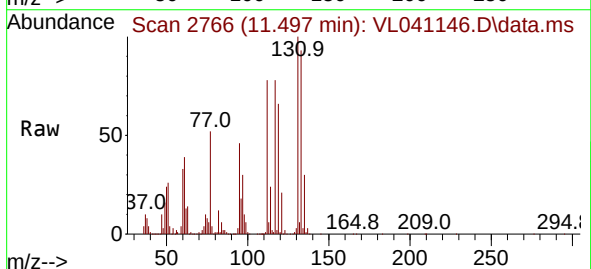
Tgt Ion:117 Resp: 3423280
Ion Ratio Lower Upper
117 100
82 62.1 51.0 76.6
119 29.1 25.2 37.8

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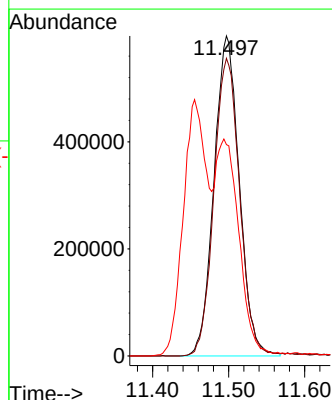
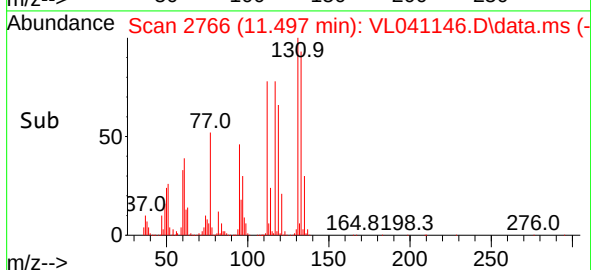
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

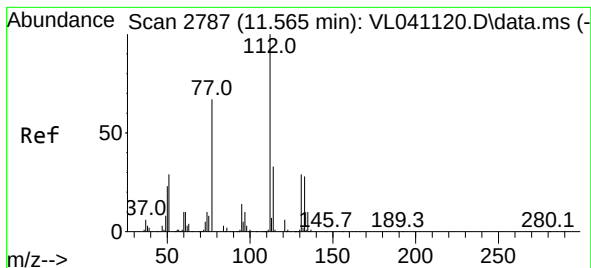


#56
1,1,1,2-Tetrachloroethane
Concen: 9.811 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



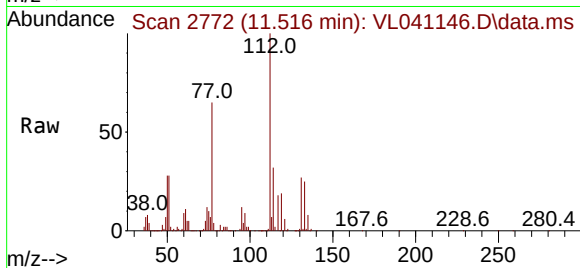
Tgt Ion:131 Resp: 1380207
Ion Ratio Lower Upper
131 100
133 95.5 76.6 115.0
119 67.4 49.9 74.9





#57
Chlorobenzene
Concen: 9.917 ppbv
RT: 11.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

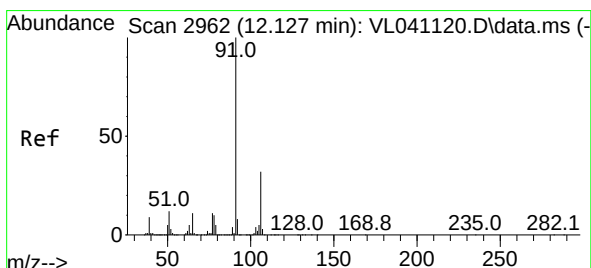
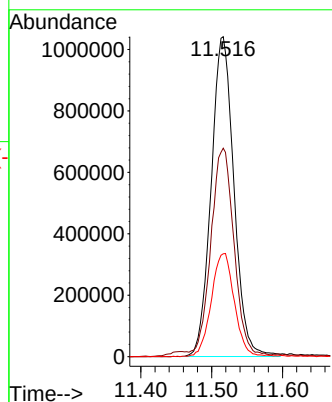
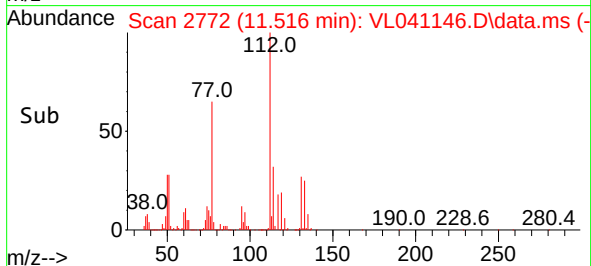
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion:112 Resp: 232390
Ion Ratio Lower Upper
112 100
77 64.5 54.0 81.0
114 32.2 29.3 35.9

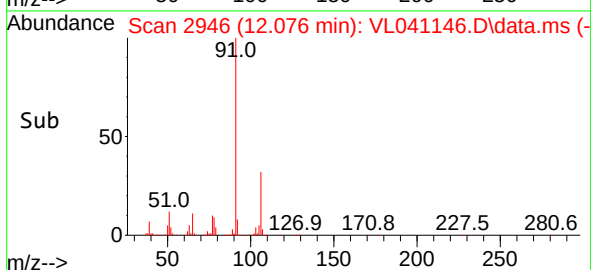
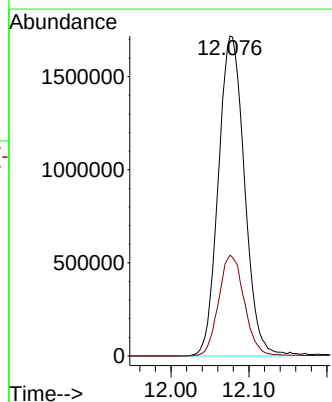
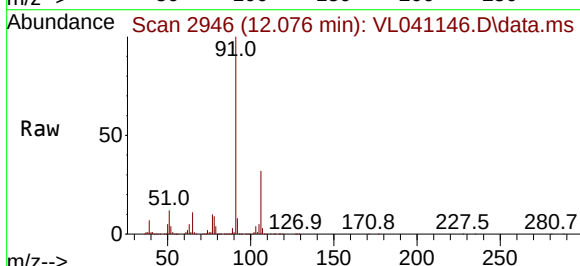
Manual Integrations
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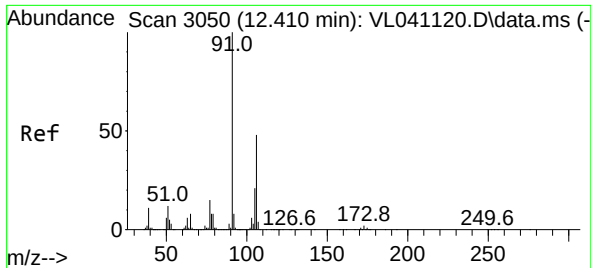
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#58
Ethyl Benzene
Concen: 10.652 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 91 Resp: 3992290
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4





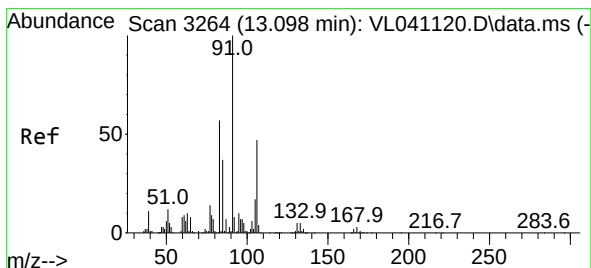
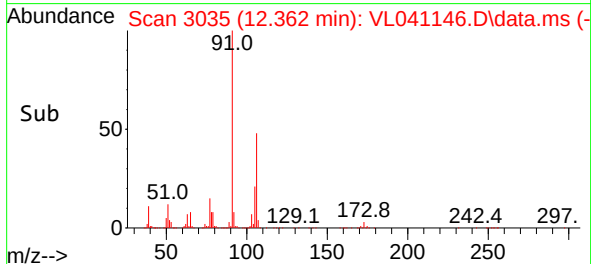
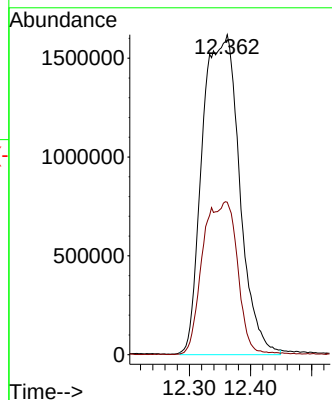
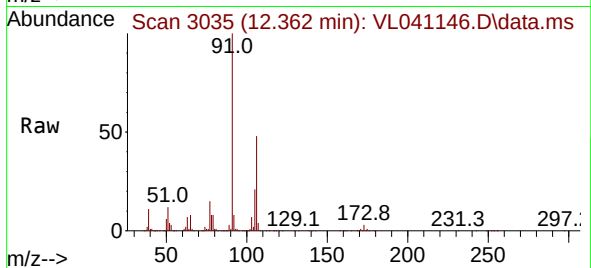
#59
m/p-Xylene
Concen: 20.117 ppbv m
RT: 12.362 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

Tgt Ion: 91 Resp: 680928
Ion Ratio Lower Upper
91 100
106 45.0 35.4 53.2

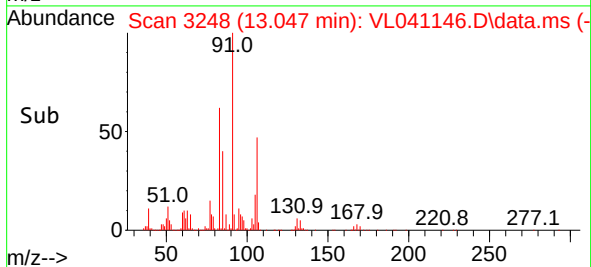
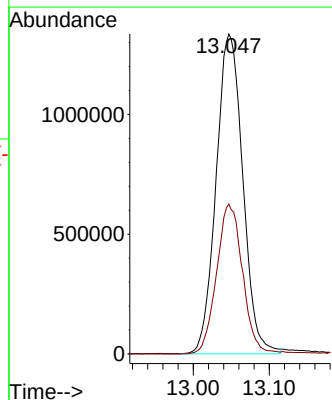
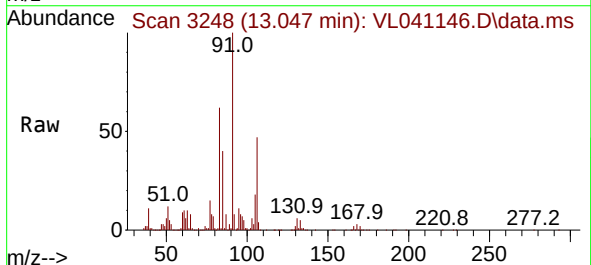
Manual Integrations
APPROVED

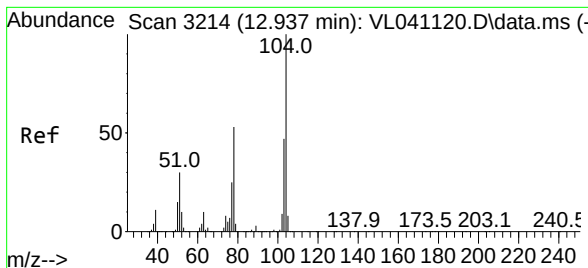
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#60
o-Xylene
Concen: 10.145 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.000 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Tgt Ion: 91 Resp: 3253629
Ion Ratio Lower Upper
91 100
106 46.5 22.9 68.5





#61

Styrene

Concen: 11.742 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion:104 Resp: 1668589

Ion Ratio Lower Upper

104 100

78 52.9 43.3 64.9

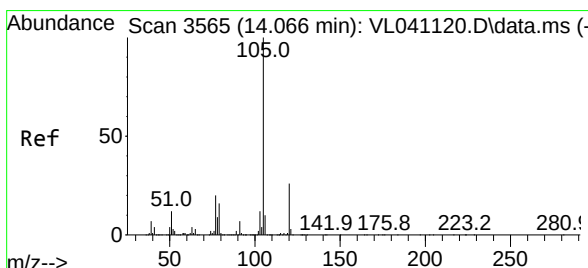
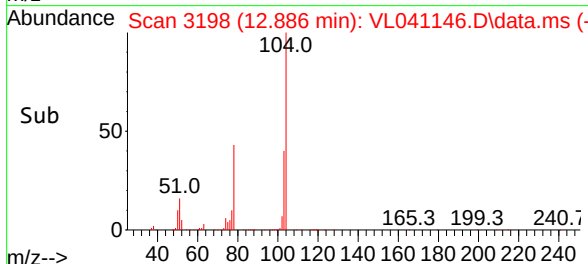
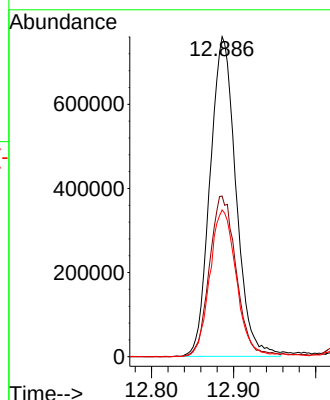
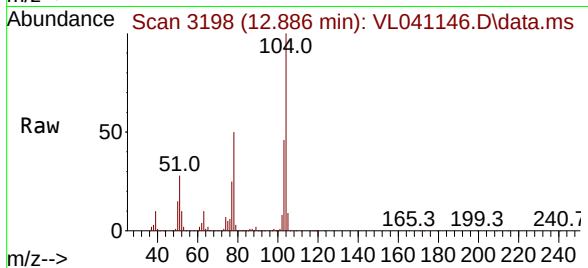
103 47.8 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#62

Isopropylbenzene

Concen: 9.985 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL041146.D

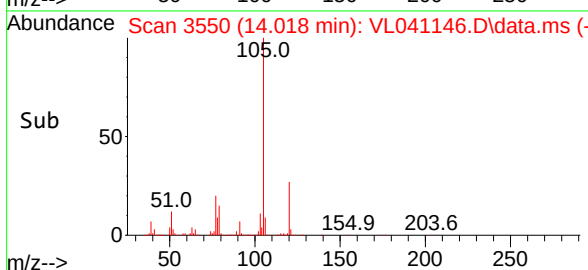
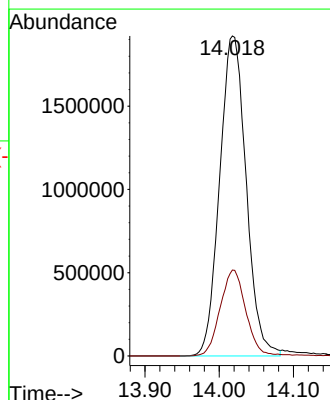
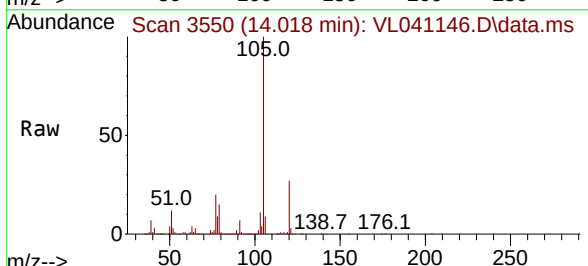
Acq: 8 Apr 2024 12:04

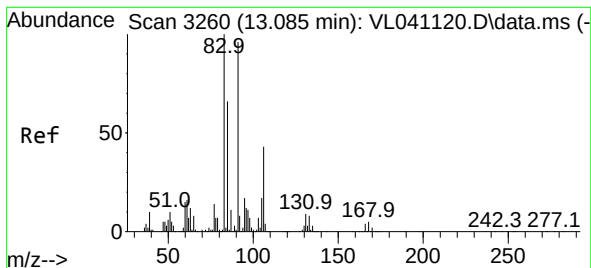
Tgt Ion:105 Resp: 4767313

Ion Ratio Lower Upper

105 100

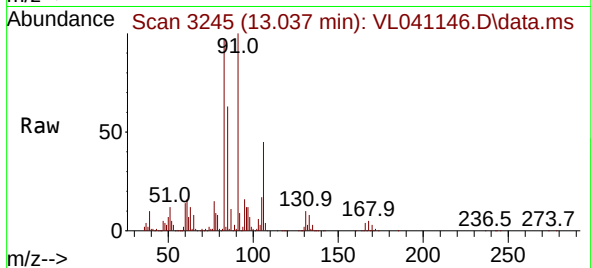
120 26.3 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.780 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

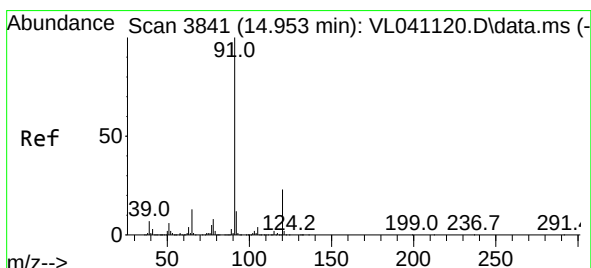
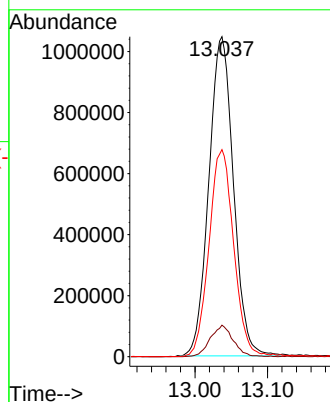
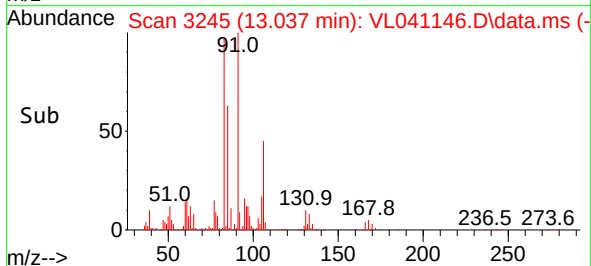
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



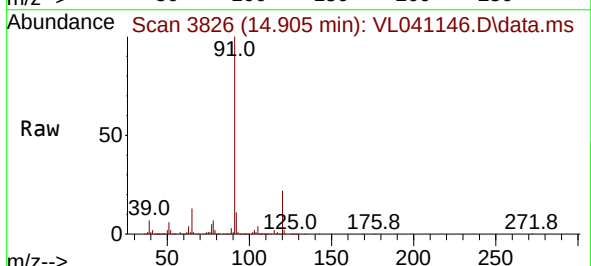
Tgt Ion: 83 Resp: 246442
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 65.7 33.1 99.2

Manual Integrations
APPROVED

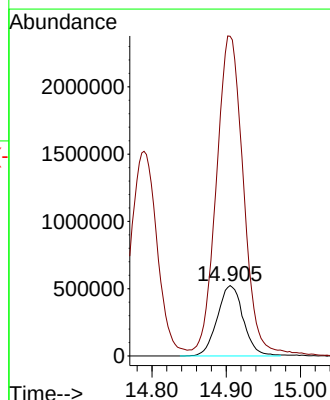
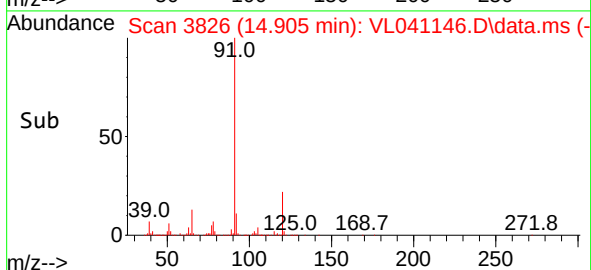
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

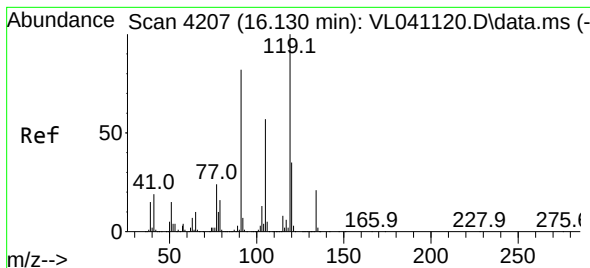


#64
n-propylbenzene
Concen: 10.609 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



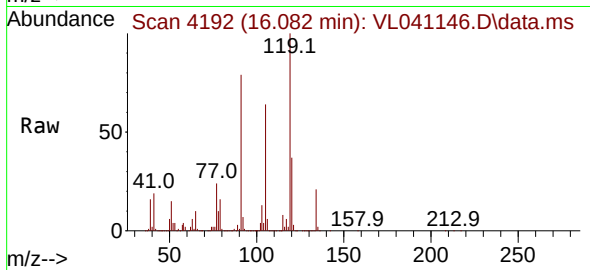
Tgt Ion:120 Resp: 1271233
Ion Ratio Lower Upper
120 100
91 479.6 395.0 592.6





#65
tert-Butylbenzene
Concen: 10.323 ppbv
RT: 16.082 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

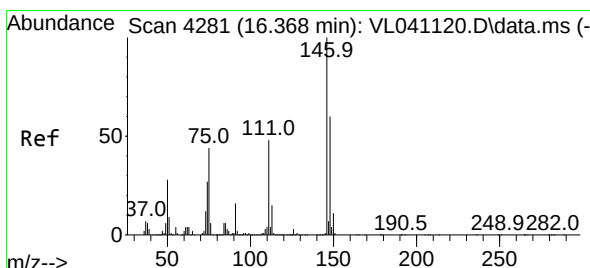
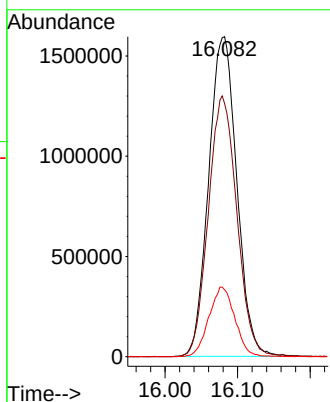
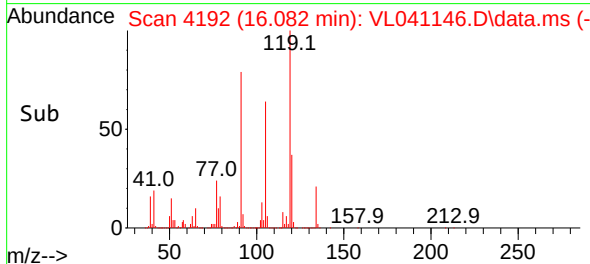
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion:119 Resp: 4302970
Ion Ratio Lower Upper
119 100
91 82.9 67.8 101.8
134 20.2 16.0 24.0

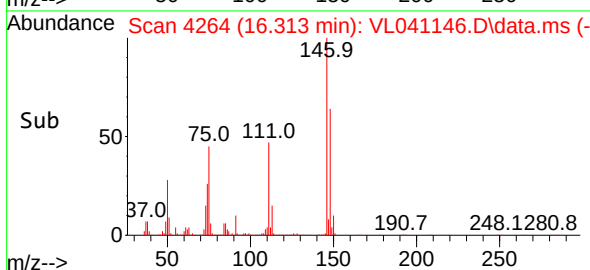
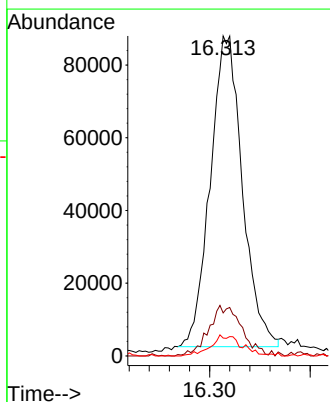
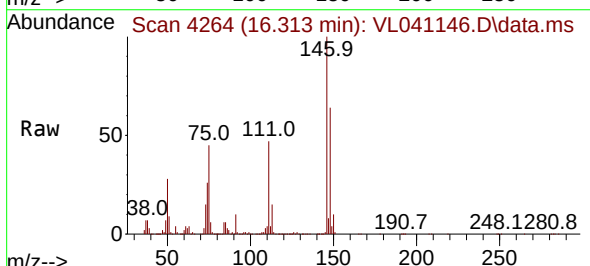
Manual Integrations
APPROVED

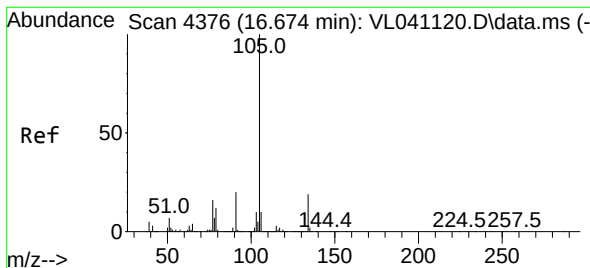
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024



#66
Benzyl Chloride
Concen: 6.906 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

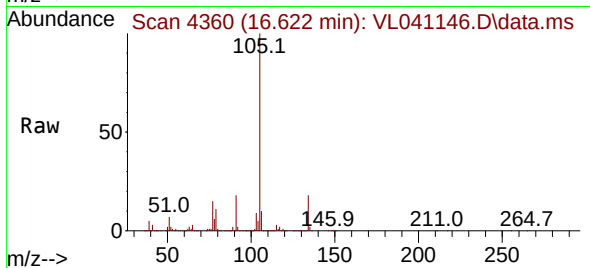
Tgt Ion: 91 Resp: 189388
Ion Ratio Lower Upper
91 100
126 16.7 13.4 20.2
128 6.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 10.174 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

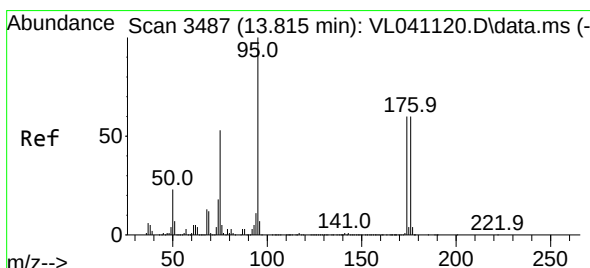
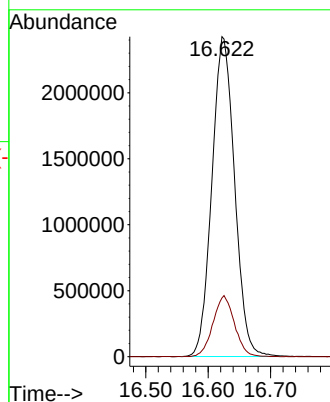
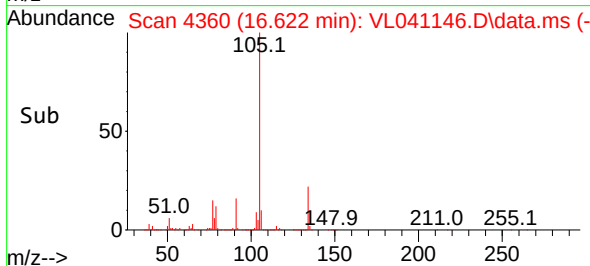
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01



Tgt Ion:105 Resp: 612718
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5

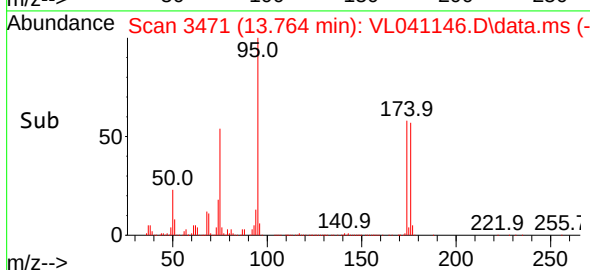
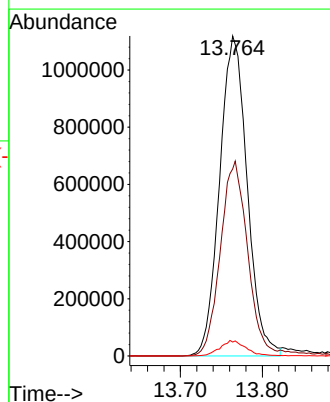
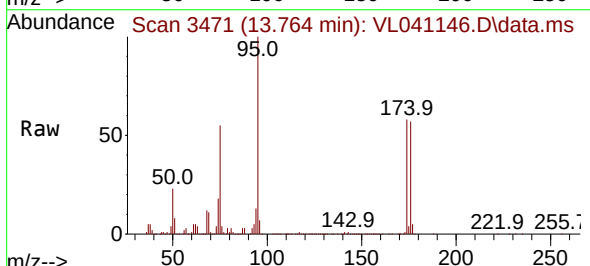
Manual Integrations
 APPROVED

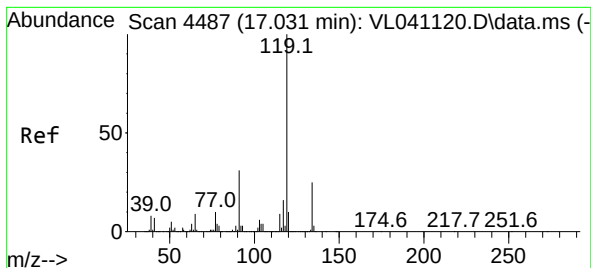
Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.501 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.003 min
 Lab File: VL041146.D
 Acq: 8 Apr 2024 12:04

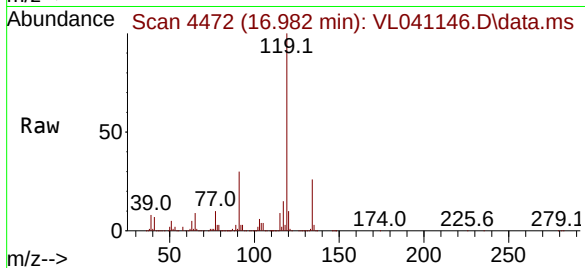
Tgt Ion: 95 Resp: 2615341
 Ion Ratio Lower Upper
 95 100
 174 61.9 49.3 73.9
 175 4.6 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.750 ppbv
RT: 16.982 min Scan# 4487
Delta R.T. 0.003 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

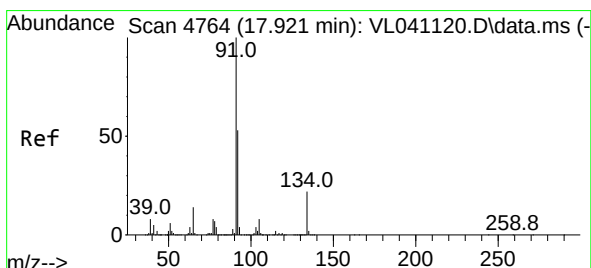
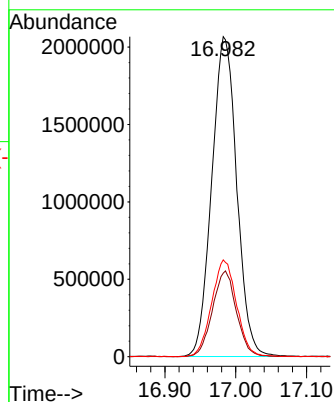
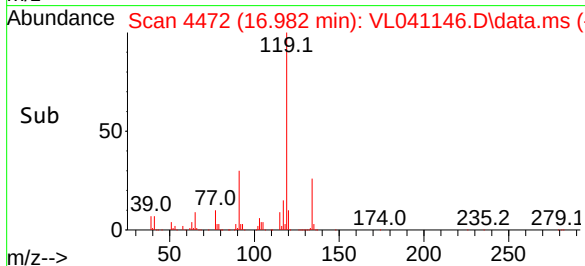
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



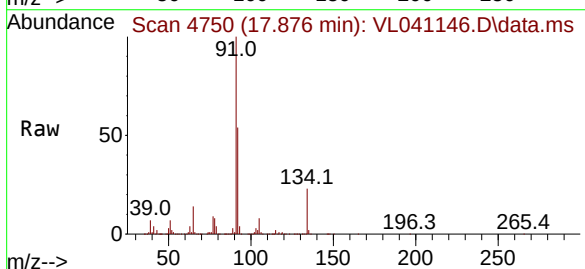
Tgt Ion:119 Resp: 5048638
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 30.4 24.8 37.2

Manual Integrations
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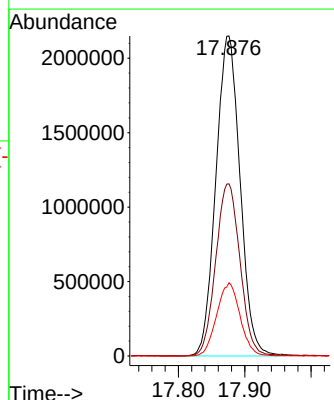
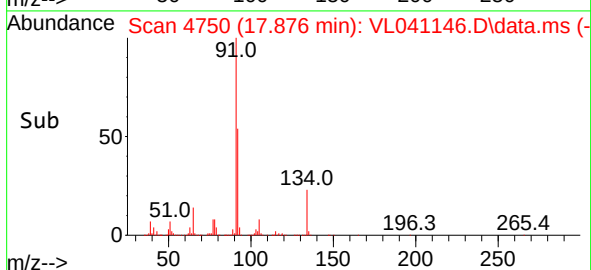
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

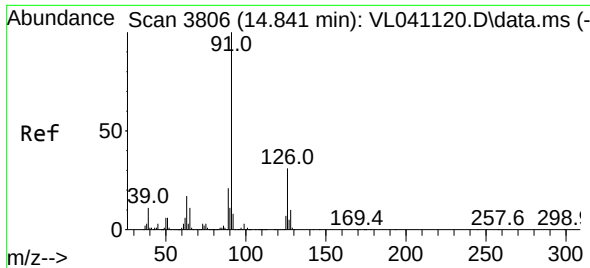


#70
n-Butylbenzene
Concen: 10.669 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



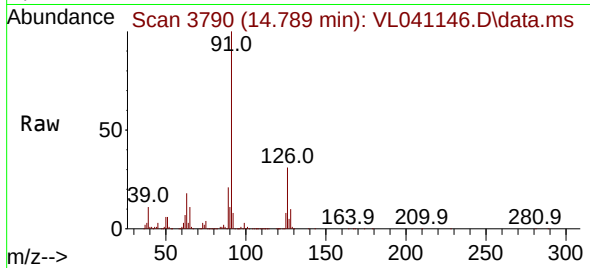
Tgt Ion: 91 Resp: 5442875
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 22.2 17.1 25.7





#71
2-Chlorotoluene
Concen: 10.210 ppbv
RT: 14.789 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

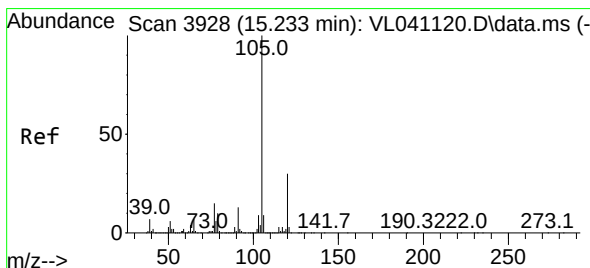
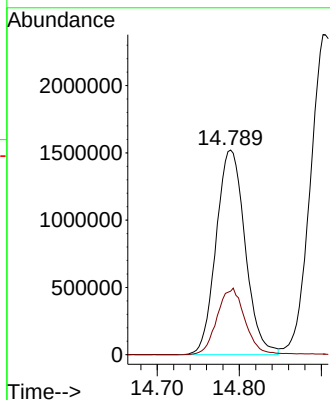
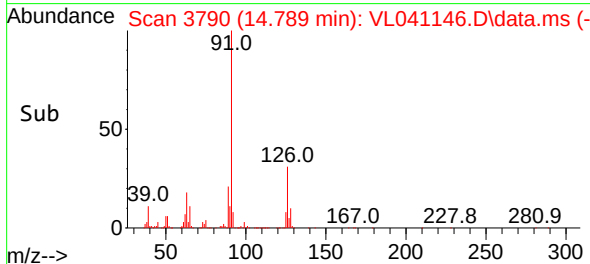
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



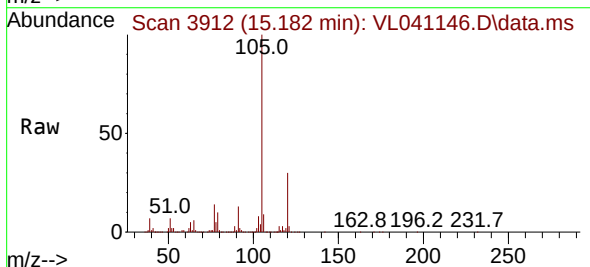
Tgt Ion: 91 Resp: 373885
Ion Ratio Lower Upper
91 100
126 31.8 12.5 50.1

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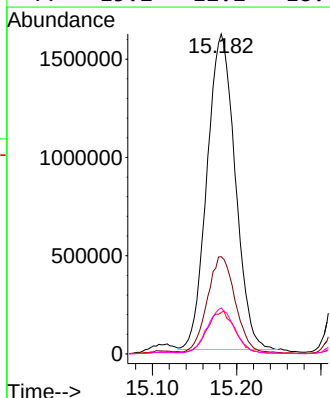
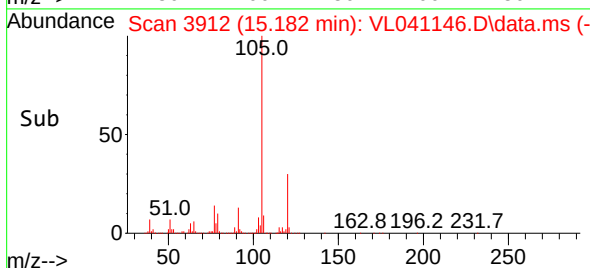
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

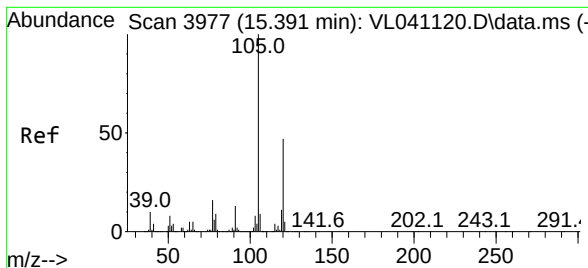


#72
4-Ethyltoluene
Concen: 10.403 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



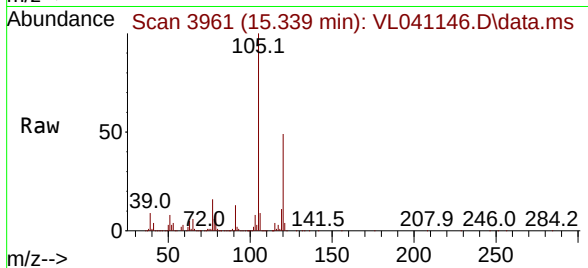
Tgt Ion:105 Resp: 3726525
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.2
91 14.7 11.2 16.8
77 15.2 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.501 ppbv
RT: 15.339 min Scan# 3977
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

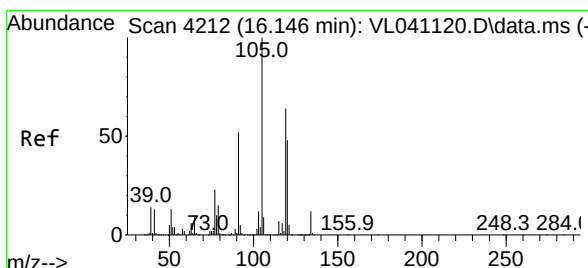
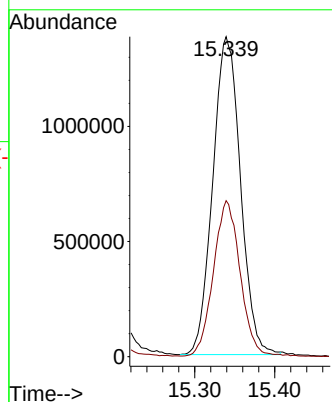
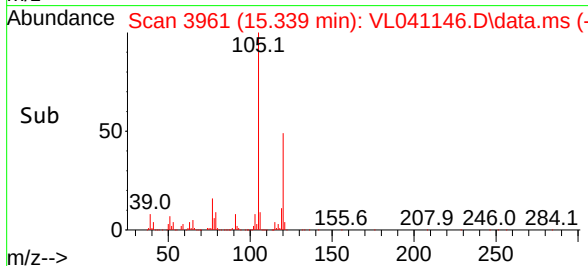
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



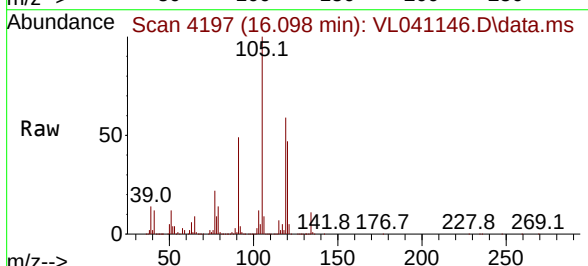
Tgt Ion:105 Resp: 3317429
Ion Ratio Lower Upper
105 100
120 48.9 37.8 56.8

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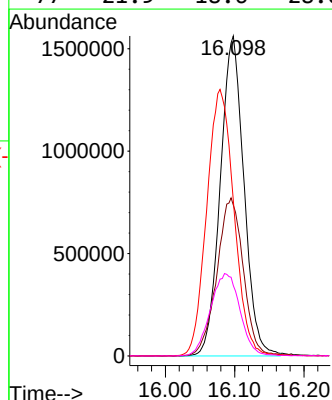
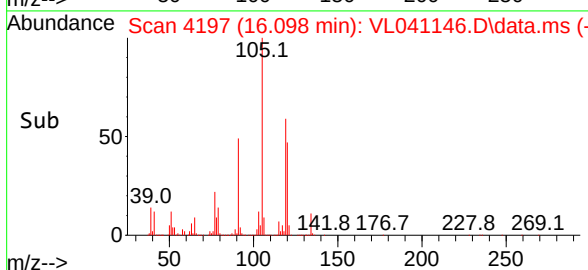
Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

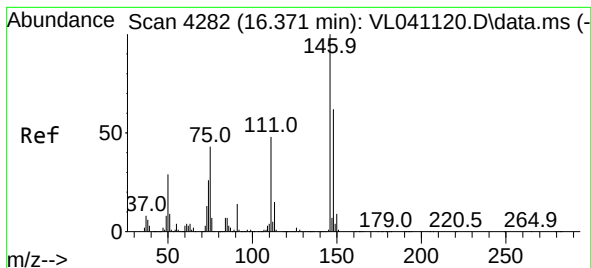


#74
1,2,4-Trimethylbenzene
Concen: 10.237 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.006 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04



Tgt Ion:105 Resp: 3701021
Ion Ratio Lower Upper
105 100
120 47.1 38.9 58.3
91 48.4 43.0 64.6
77 21.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 10.295 ppbv

RT: 16.320 min Scan# 4310

Delta R.T. 0.006 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion:146 Resp: 217323

Ion Ratio Lower Upper

146 100

111 48.0 24.1 72.4

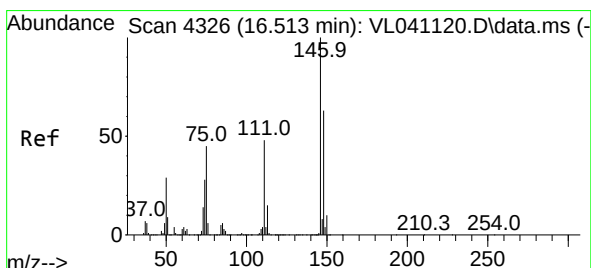
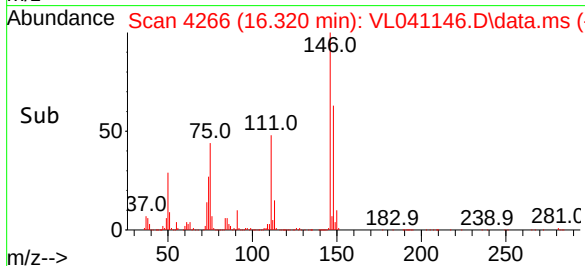
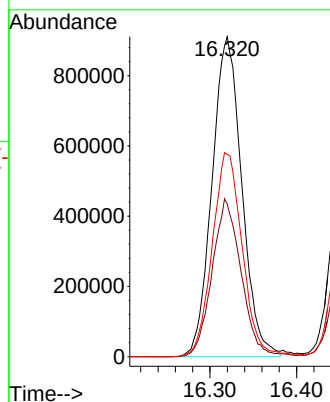
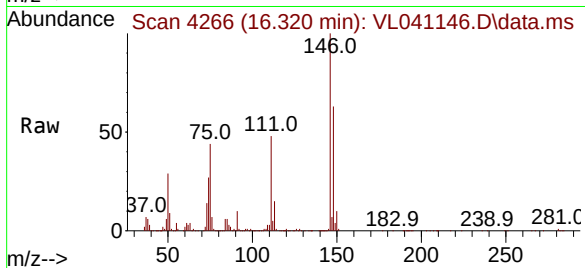
148 64.5 32.0 96.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.274 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

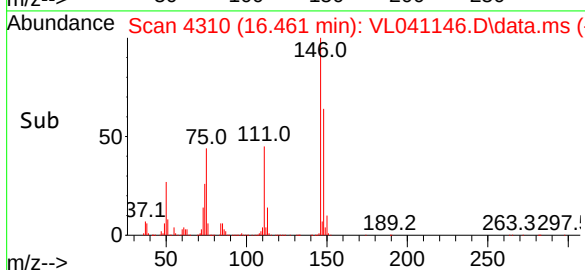
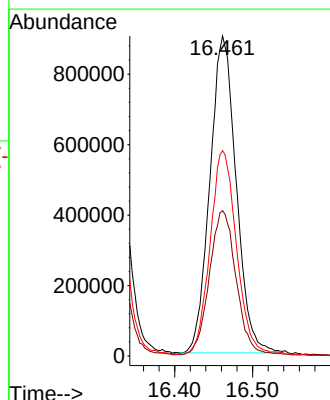
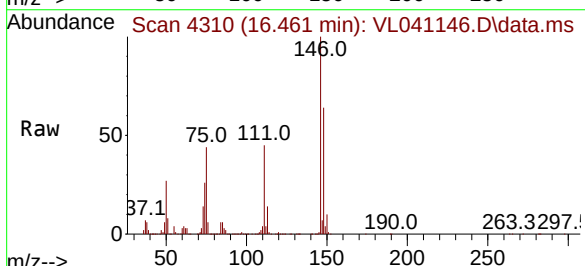
Tgt Ion:146 Resp: 2109576

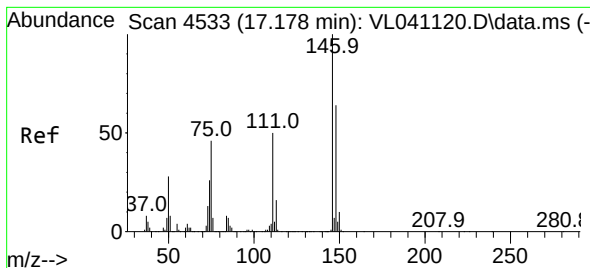
Ion Ratio Lower Upper

146 100

111 47.5 24.1 72.3

148 66.3 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 10.322 ppbv

RT: 17.130 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041146.D

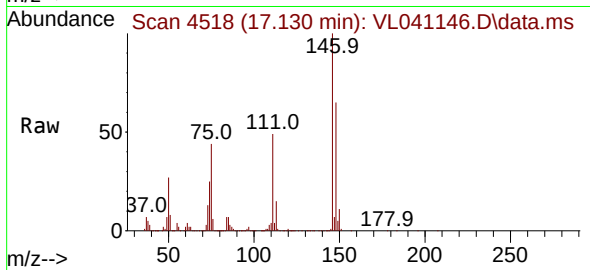
Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01



Tgt Ion:146 Resp: 211591

Ion Ratio Lower Upper

146 100

111 50.5 25.1 75.3

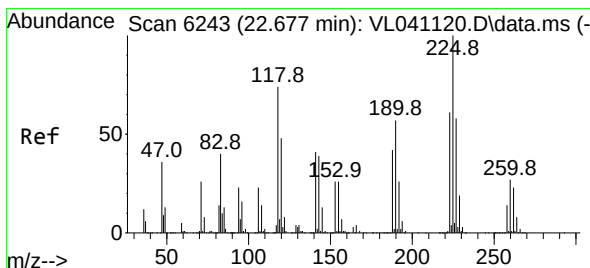
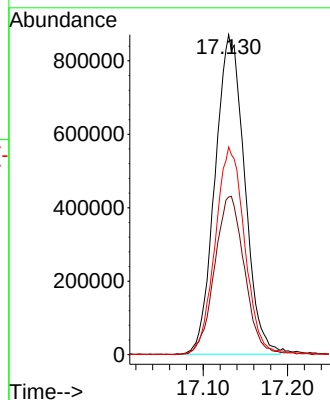
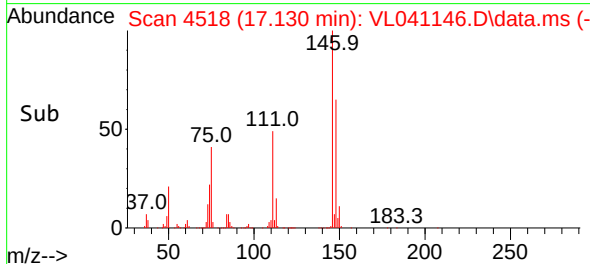
148 65.6 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 10.137 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. 0.003 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

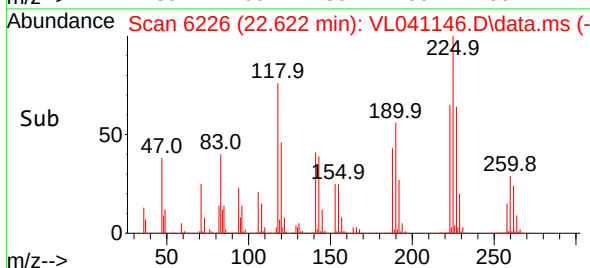
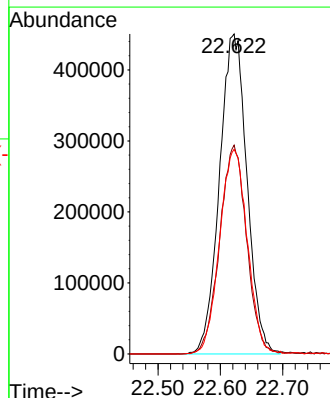
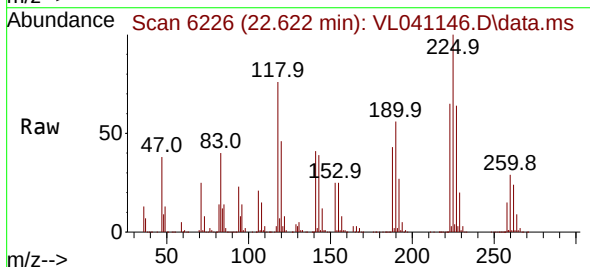
Tgt Ion:225 Resp: 1381536

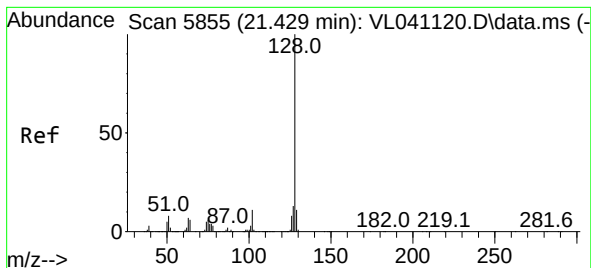
Ion Ratio Lower Upper

225 100

223 64.1 50.9 76.3

227 64.3 51.3 76.9





#79

Naphthalene

Concen: 14.442 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.000 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tgt Ion:128 Resp: 3349928

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

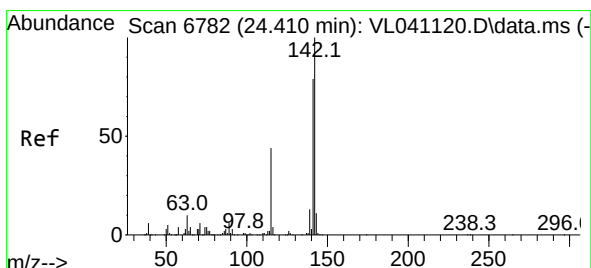
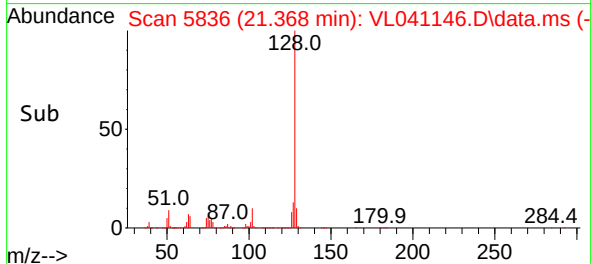
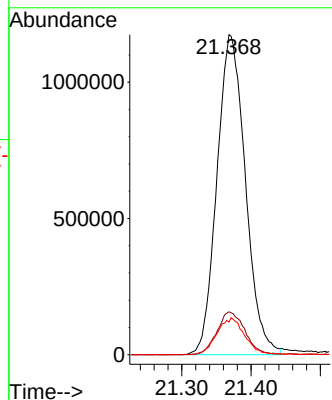
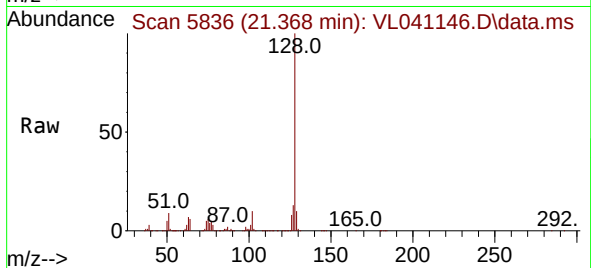
129 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024

Supervised By :Mahesh Dadoda 04/09/2024



#80

Naphthalene,2-methyl-

Concen: 16.159 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.000 min

Lab File: VL041146.D

Acq: 8 Apr 2024 12:04

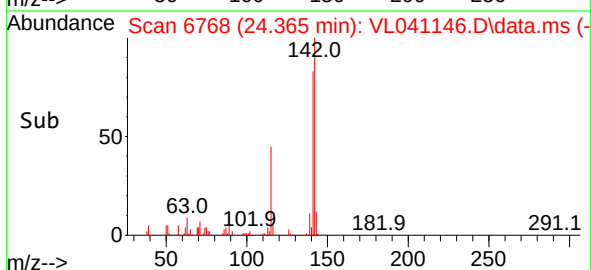
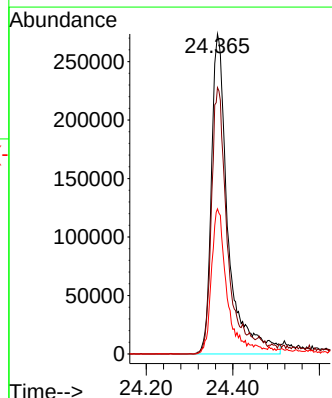
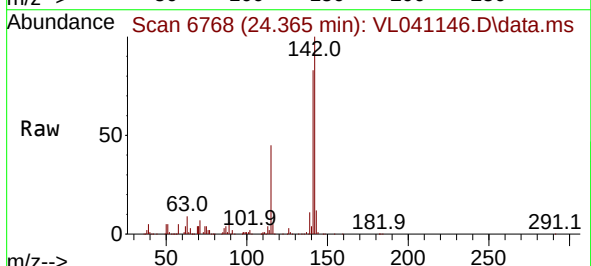
Tgt Ion:142 Resp: 730130

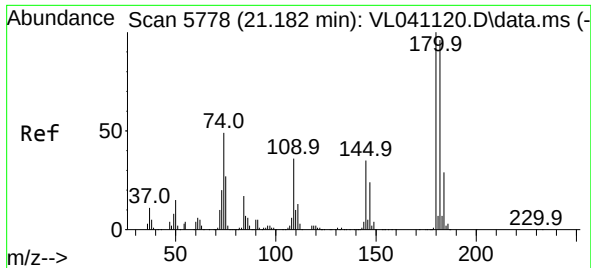
Ion Ratio Lower Upper

142 100

141 81.4 64.4 96.6

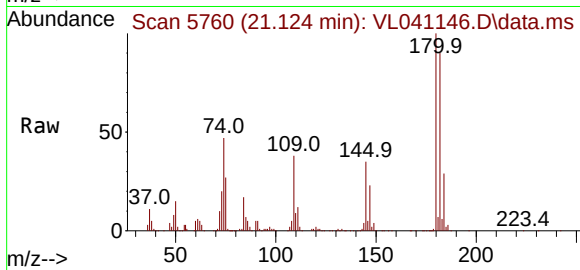
115 45.2 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 12.439 ppbv m
RT: 21.124 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL041146.D
Acq: 8 Apr 2024 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01



Tgt Ion:180 Resp: 161747
Ion Ratio Lower Upper
180 100
182 97.1 77.4 116.2
184 30.6 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
Supervised By :Mahesh Dadoda 04/09/2024

