

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041455.D
 Acq On : 31 Jul 2024 9:34
 Operator : SY/MD
 Sample : VL0731ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 02:38:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1057535	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2883032	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2903933	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2174287 9.729 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1419064	7.800	ppbv	100
3) Chlorodifluoromethane	2.677	51	1236230	9.820	ppbv	99
4) Chloromethane	2.816	50	646693	9.658	ppbv	98
5) Vinyl Chloride	2.925	62	657034	9.955	ppbv	99
6) Bromomethane	3.121	94	348929	10.286	ppbv	100
7) Chloroethane	3.198	64	236850	10.398	ppbv	95
8) Dichlorotetrafluoroethane	2.861	85	1561724	9.688	ppbv	98
9) Propene	2.697	41	563810	9.749	ppbv	99
10) Heptane	7.584	43	1393950	10.727	ppbv	100
11) Trichlorofluoromethane	3.565	101	1572167	9.730	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	1143873	9.832	ppbv	100
13) Ethanol	3.247	45	37152m	7.187	ppbv	
14) Bromoethene	3.369	108	461119	10.166	ppbv	98
15) Acetone	3.468	43	1178109	9.805	ppbv	99
16) 1,3-Butadiene	2.989	39	655261	10.207	ppbv	100
17) tert-Butyl alcohol	3.877	59	1234527	11.265	ppbv	100
18) 1,1-Dichloroethene	3.883	96	513259	10.313	ppbv	98
19) Isopropyl Alcohol	3.574	45	734058	10.450	ppbv #	98
20) Methylene Chloride	3.935	84	420045	9.374	ppbv	97
21) Allyl Chloride	3.999	41	824434	10.462	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	508308	10.215	ppbv	99
23) Vinyl Acetate	4.629	43	975872	10.634	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1080371	9.999	ppbv	100
25) Ethyl Acetate	5.205	43	2489633	10.429	ppbv	99
26) Hexane	5.211	57	1034642	10.448	ppbv	100
27) Carbon Disulfide	4.128	76	1210584	10.450	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	642077	10.282	ppbv	100
29) Chloroform	5.279	83	1617686	10.016	ppbv	98
30) Cyclohexane	6.607	84	890235	11.040	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	1030781	10.537	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1582905	10.068	ppbv	99
34) 2-Butanone	4.787	43	1503737	10.782	ppbv	100
35) Carbon Tetrachloride	6.497	117	1657384	10.423	ppbv	99
36) Benzene	6.372	78	2199879	10.443	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1244191	10.552	ppbv	100
38) Trichloroethene	7.291	130	999278	10.354	ppbv	98
39) 1,2-Dichloropropane	7.076	63	837569	10.385	ppbv	98
40) 1,4-Dioxane	7.288	88	343590	10.605	ppbv #	1
41) Tetrahydrofuran	5.558	42	908044	11.384	ppbv	98
42) Bromodichloromethane	7.253	83	1781883	10.466	ppbv	99
43) Methyl Methacrylate	7.478	69	883960	11.702	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	3690567	10.489	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	895055	12.873	ppbv	95

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

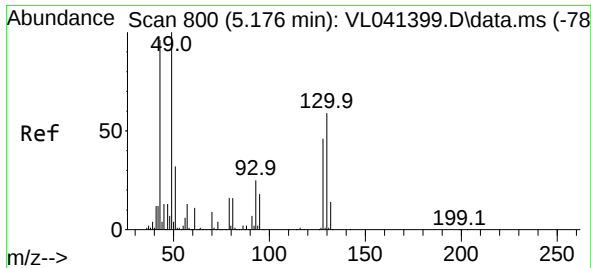
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

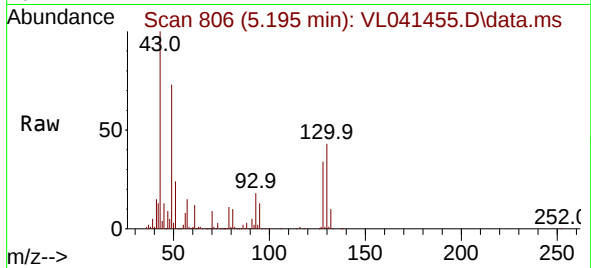
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1200913	11.961	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	911917	10.258	ppbv	98
48) Dibromochloromethane	9.713	129	1538116	10.740	ppbv	100
49) Bromoform	12.410	173	1350008	11.159	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2453844	11.152	ppbv	99
51) 2-Hexanone	9.552	43	2003292	12.041	ppbv	100
52) Tetrachloroethene	10.619	164	847562	10.412	ppbv	99
53) Toluene	9.224	91	2610329	11.124	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1330296	11.242	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.510	131	1111041	9.866	ppbv #	54
57) Chlorobenzene	11.529	112	1996110	9.654	ppbv	97
58) Ethyl Benzene	12.092	91	3482956	10.406	ppbv	98
59) m/p-Xylene	12.375	91	5912613m	20.463	ppbv	
60) o-Xylene	13.063	91	2836696	10.378	ppbv	100
61) Styrene	12.899	104	1398238	11.339	ppbv	100
62) Isopropylbenzene	14.034	105	4132204	9.945	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1713077	9.925	ppbv	99
64) n-propylbenzene	14.918	120	1106286	10.184	ppbv	97
65) tert-Butylbenzene	16.092	119	3720840	9.914	ppbv	100
66) Benzyl Chloride	16.330	91	277028	11.508	ppbv	100
67) sec-Butylbenzene	16.635	105	5189938	10.037	ppbv	100
69) p-Isopropyltoluene	16.998	119	4371550	10.188	ppbv	100
70) n-Butylbenzene	17.889	91	4500124	10.230	ppbv	100
71) 2-Chlorotoluene	14.802	91	3117625	10.174	ppbv	100
72) 4-Ethyltoluene	15.195	105	3451741	10.727	ppbv	100
73) 1,3,5-Trimethylbenzene	15.355	105	2937329	10.596	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3247969	10.078	ppbv	99
75) 1,3-Dichlorobenzene	16.333	146	2017566	9.959	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	1955046	9.966	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1958804	9.753	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1497597	8.744	ppbv	99
79) Naphthalene	21.384	128	3366519	11.834	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	3043521	12.764	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1759732	10.395	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

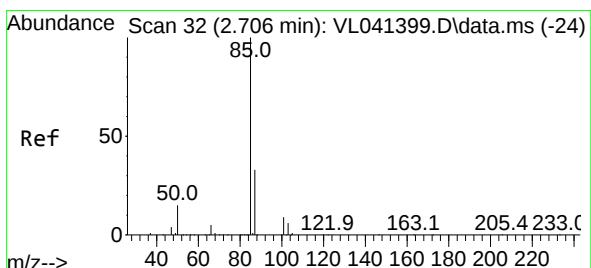
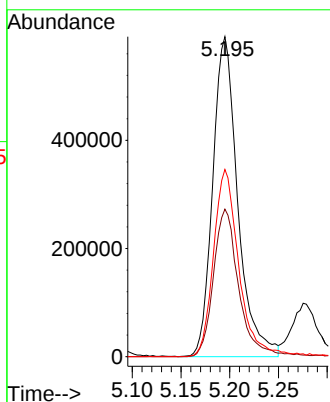
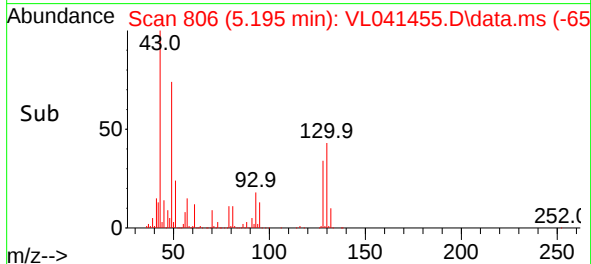
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



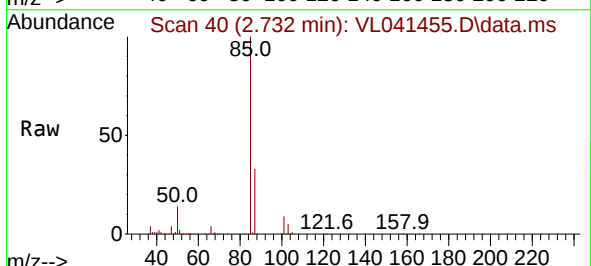
Tgt Ion: 49 Resp: 105753
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.4 30.8 92.4

Manual Integrations
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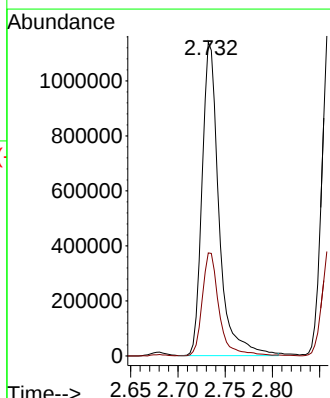
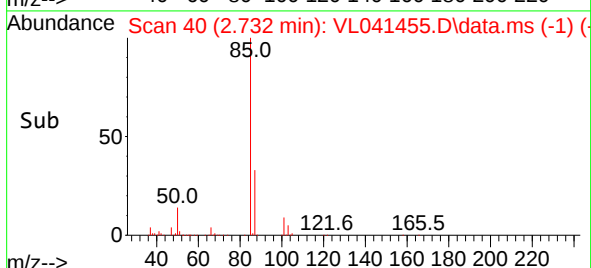
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

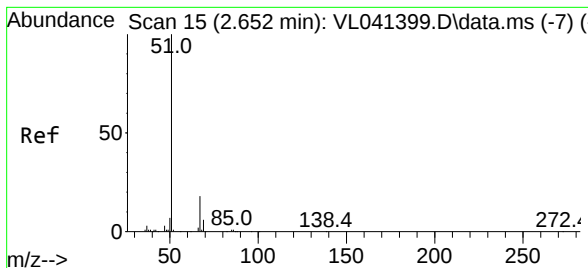


#2
Dichlorodifluoromethane
Concen: 7.800 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



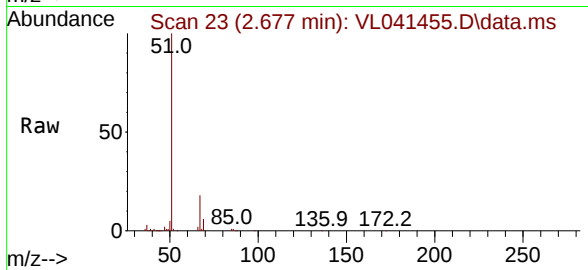
Tgt Ion: 85 Resp: 1419064
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.820 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

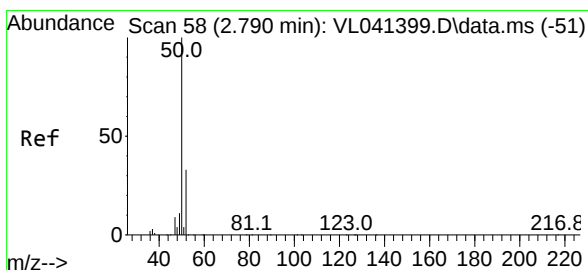
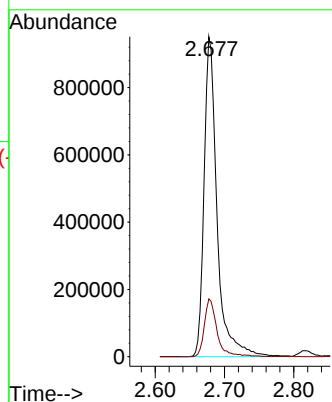
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 51 Resp: 1236230
Ion Ratio Lower Upper
51 100
67 17.9 14.5 21.7

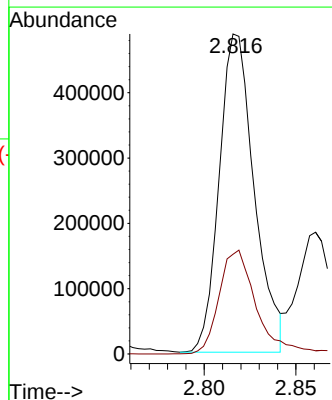
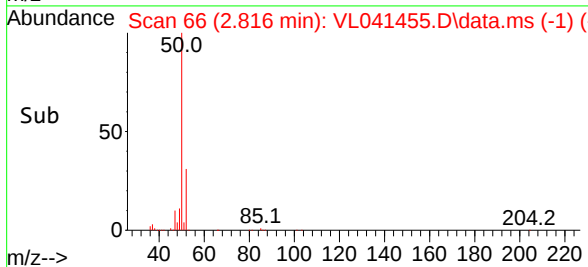
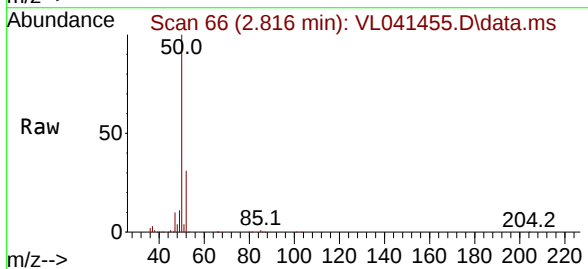
Manual Integrations
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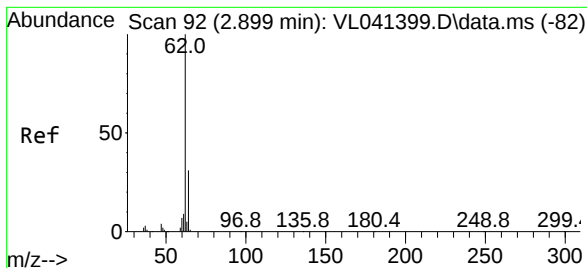
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 9.658 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

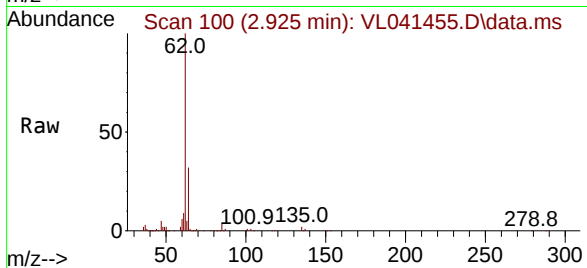
Tgt Ion: 50 Resp: 646693
Ion Ratio Lower Upper
50 100
52 31.3 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.955 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

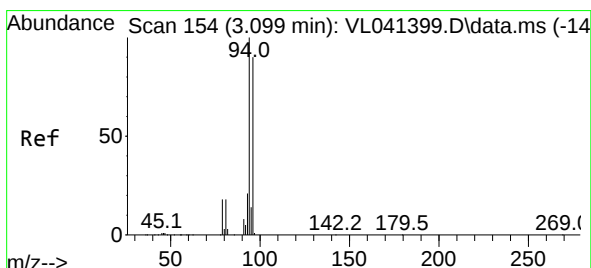
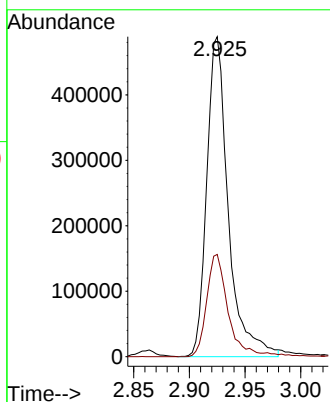
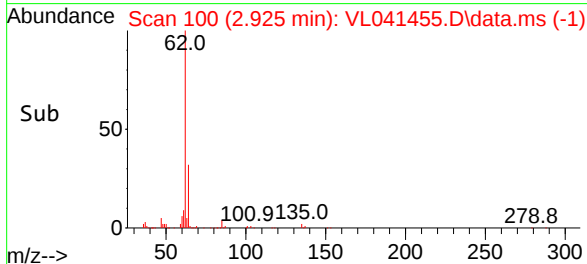
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



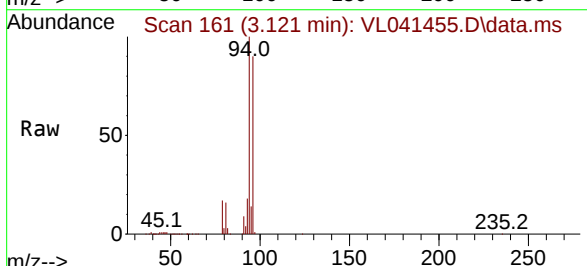
Tgt Ion: 62 Resp: 657034
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.0 37.4

Manual Integrations
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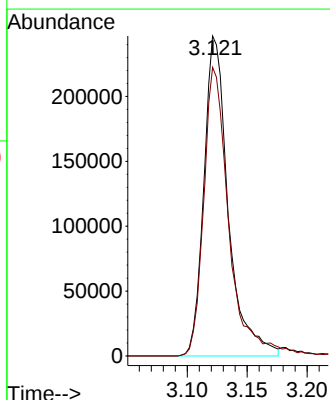
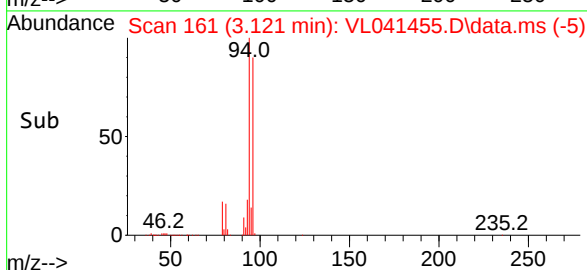
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

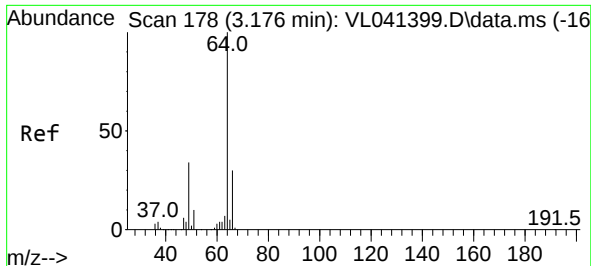


#6
 Bromomethane
 Concen: 10.286 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34



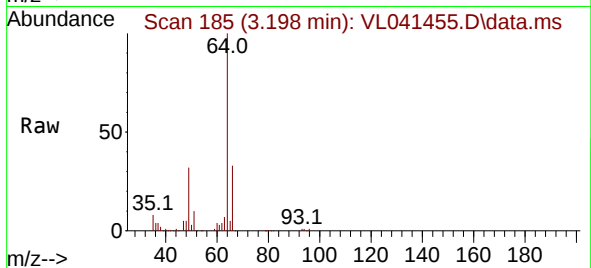
Tgt Ion: 94 Resp: 348929
 Ion Ratio Lower Upper
 94 100
 96 90.2 72.3 108.5





#7
Chloroethane
Concen: 10.398 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

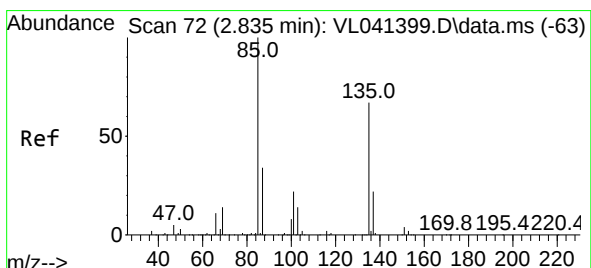
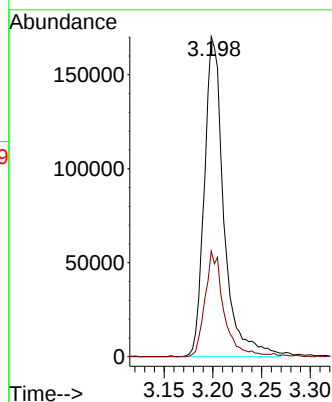
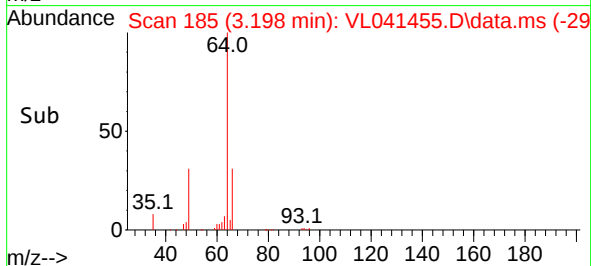
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 64 Resp: 236850
Ion Ratio Lower Upper
64 100
66 33.0 24.2 36.2

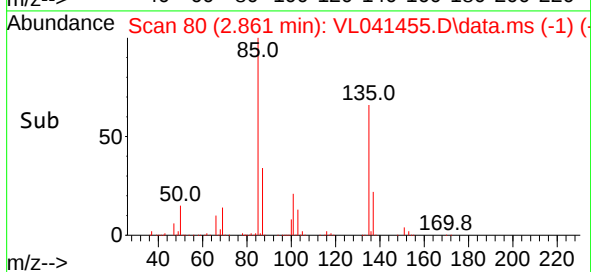
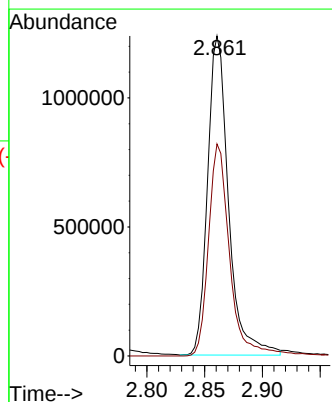
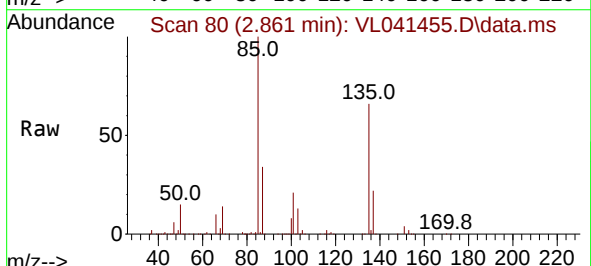
Manual Integrations
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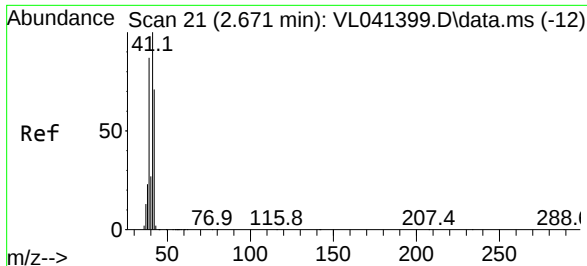
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 9.688 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

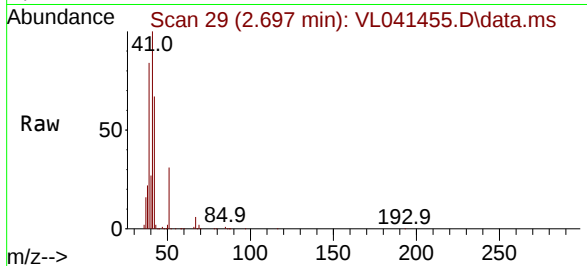
Tgt Ion: 85 Resp: 1561724
Ion Ratio Lower Upper
85 100
135 68.0 55.4 83.0





#9
Propene
Concen: 9.749 ppbv
RT: 2.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

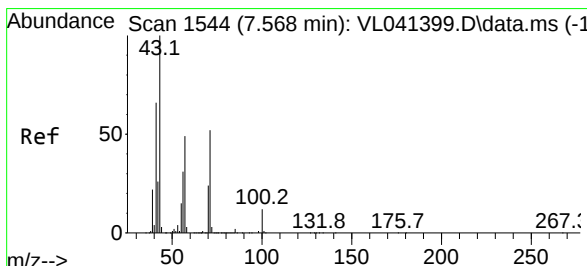
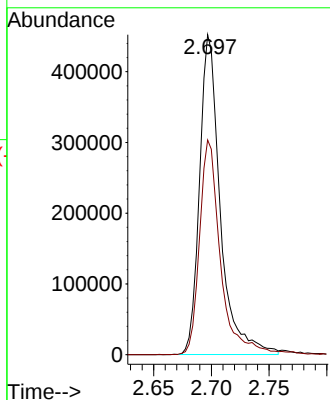
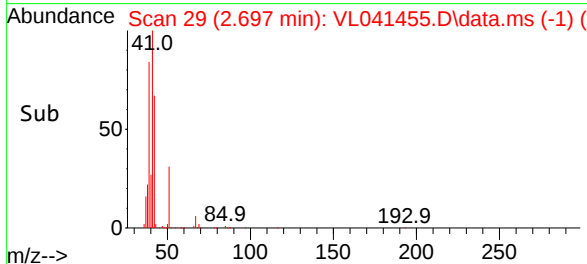
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



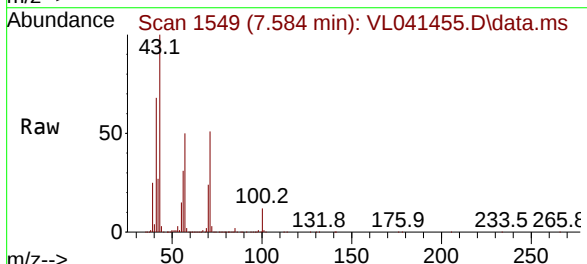
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Ion Ratio Lower Upper
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42 68.7 55.9 83.9

Manual Integrations
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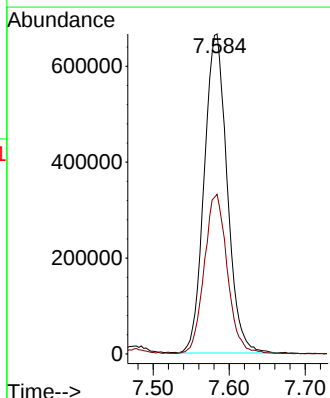
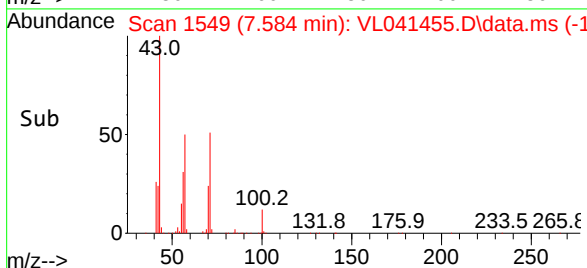
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

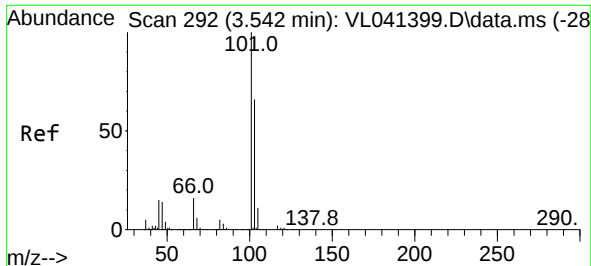


#10
Heptane
Concen: 10.727 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



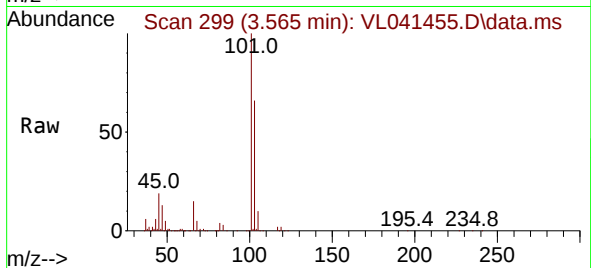
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Ion Ratio Lower Upper
43 100
57 50.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.730 ppbv
RT: 3.565 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

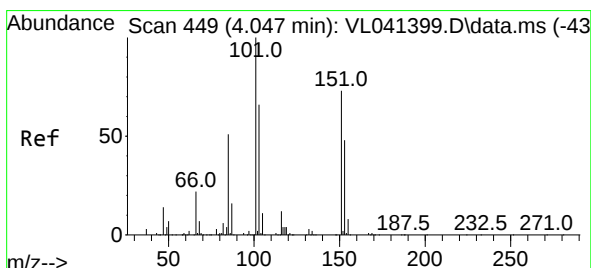
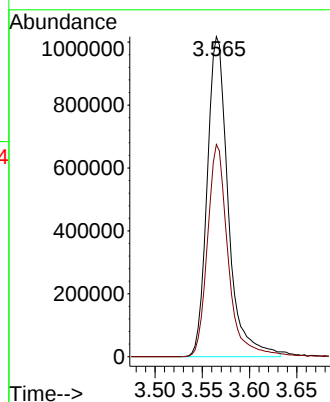
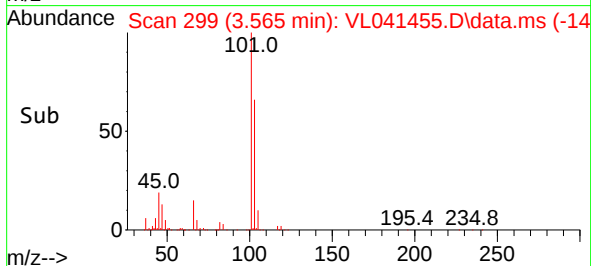
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



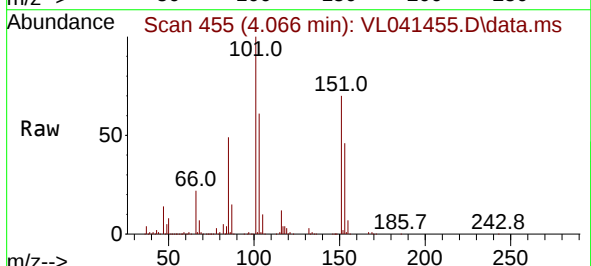
Tgt Ion:101 Resp: 157216
Ion Ratio Lower Upper
101 100
103 66.3 52.6 79.0

Manual Integrations
APPROVED

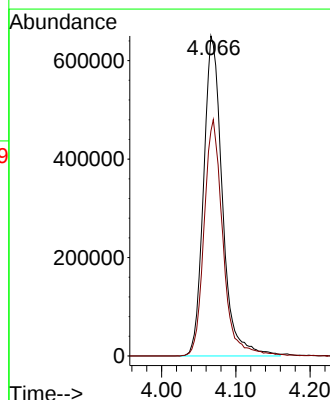
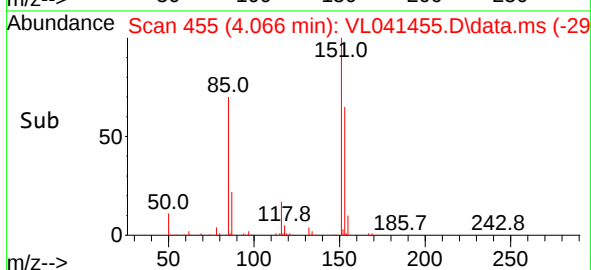
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

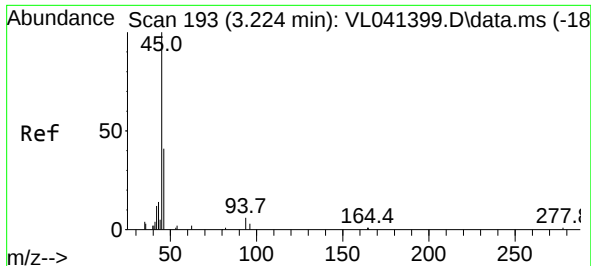


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.832 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



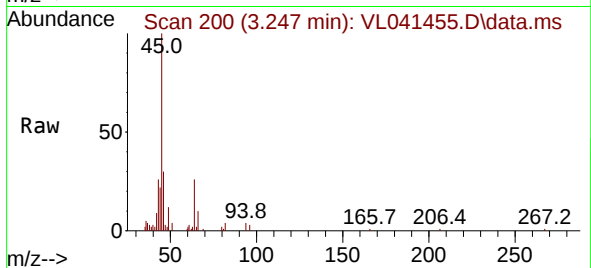
Tgt Ion:101 Resp: 1143873
Ion Ratio Lower Upper
101 100
151 74.0 59.4 89.2





#13
Ethanol
Concen: 7.187 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

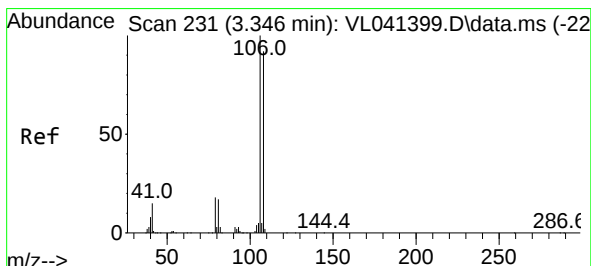
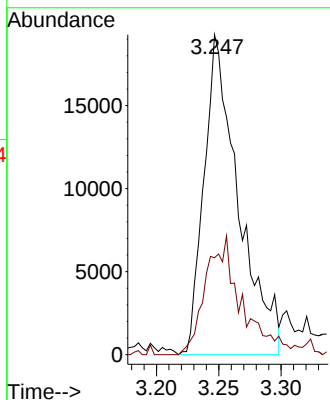
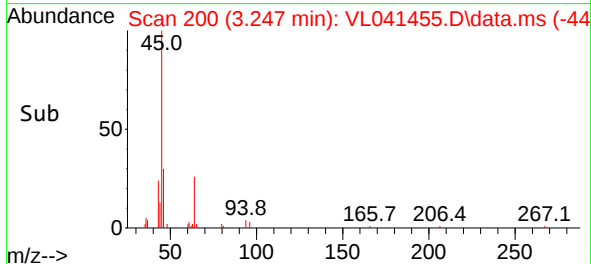
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



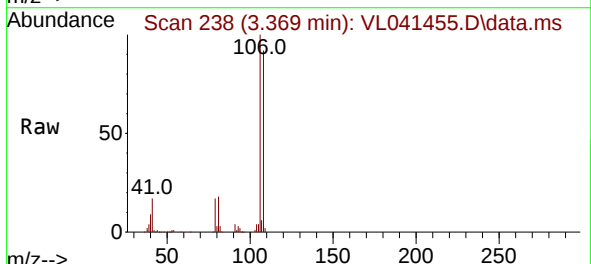
Tgt Ion: 45 Resp: 37152
Ion Ratio Lower Upper
45 100
46 40.3 13.4 53.4

Manual Integrations
APPROVED

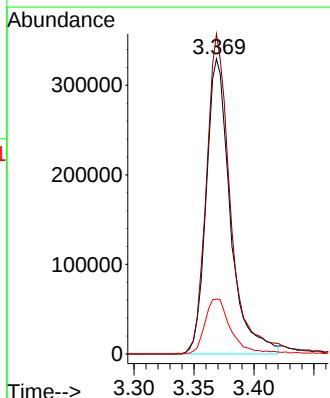
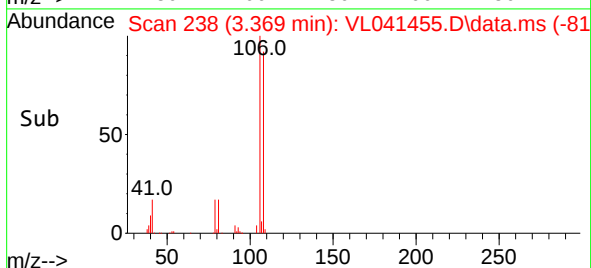
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

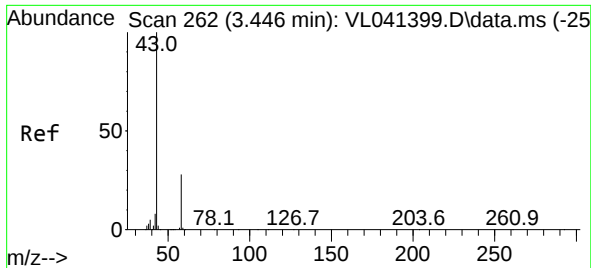


#14
Bromoethene
Concen: 10.166 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



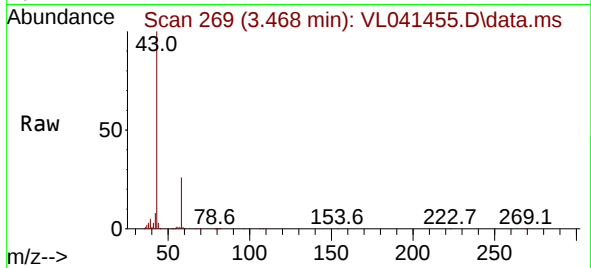
Tgt Ion:108 Resp: 461119
Ion Ratio Lower Upper
108 100
106 110.5 86.9 130.3
79 21.2 16.2 24.4





#15
Acetone
Concen: 9.805 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

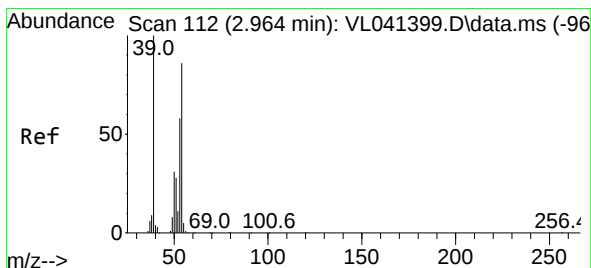
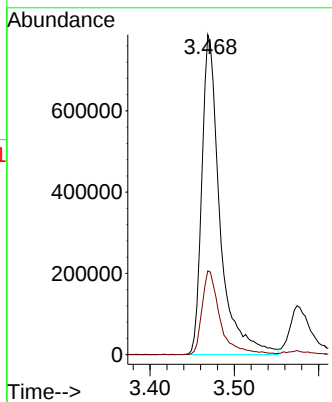
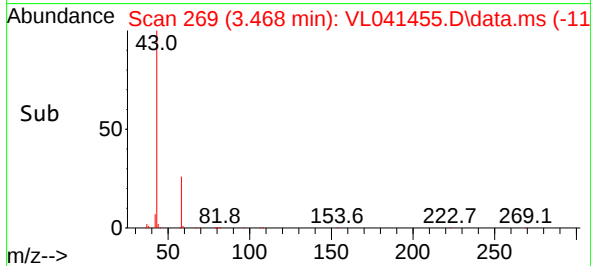
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



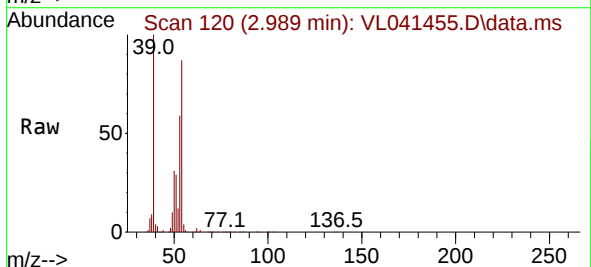
Tgt Ion: 43 Resp: 1178109
Ion Ratio Lower Upper
43 100
58 26.3 21.4 32.2

Manual Integrations
APPROVED

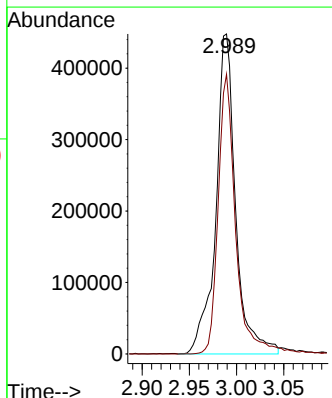
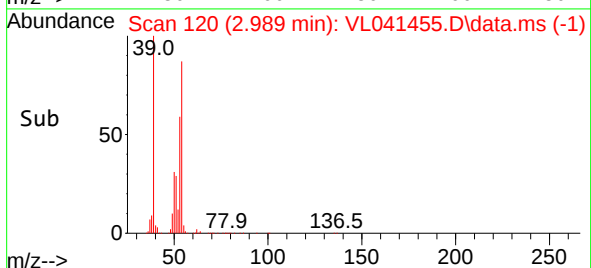
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

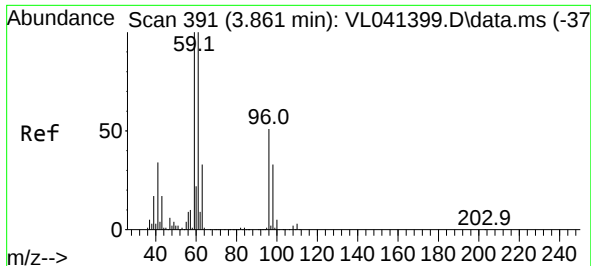


#16
1,3-Butadiene
Concen: 10.207 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



Tgt Ion: 39 Resp: 655261
Ion Ratio Lower Upper
39 100
54 77.7 62.5 93.7





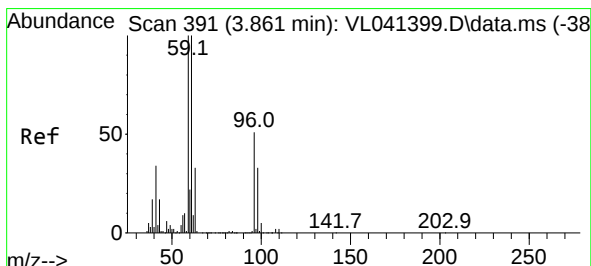
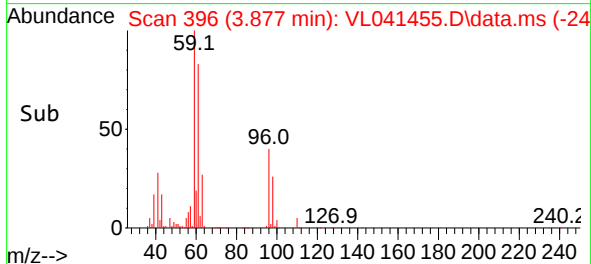
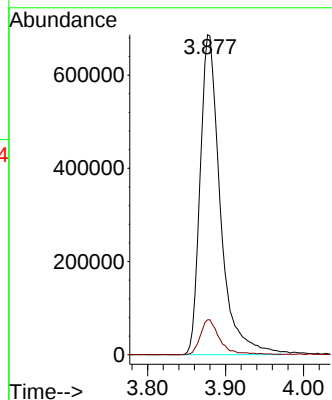
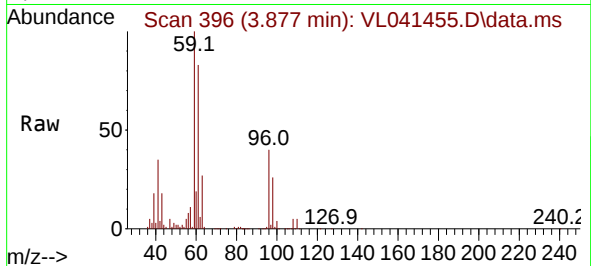
#17
tert-Butyl alcohol
Concen: 11.265 ppbv
RT: 3.877 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 59 Resp: 123452
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

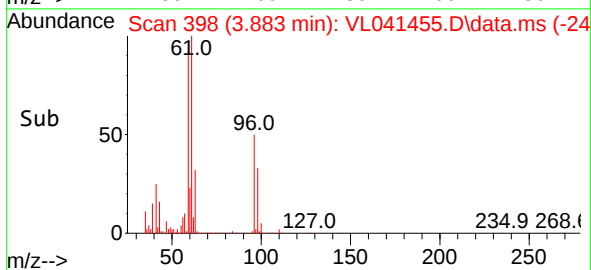
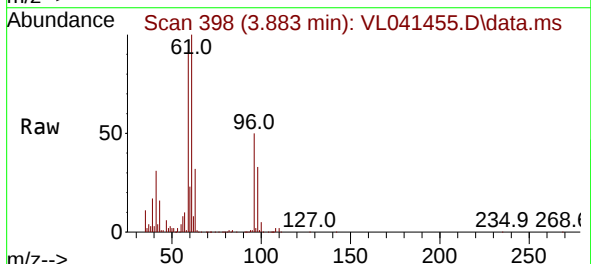
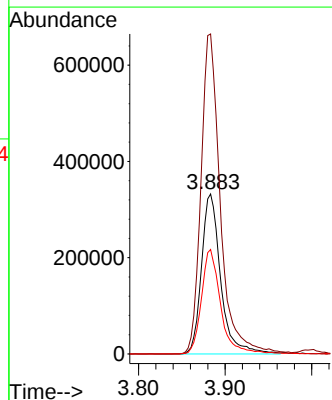
Manual Integrations
APPROVED

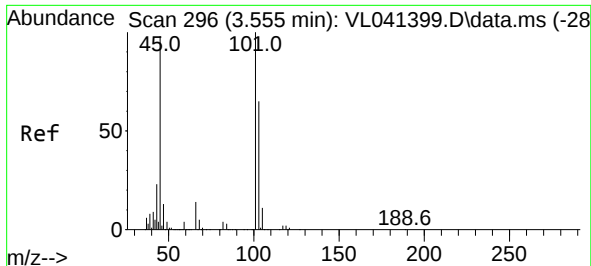
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#18
1,1-Dichloroethene
Concen: 10.313 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Tgt Ion: 96 Resp: 513259
Ion Ratio Lower Upper
96 100
61 199.9 157.5 236.3
98 65.3 51.2 76.8





#19

Isopropyl Alcohol

Concen: 10.450 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 45 Resp: 734058

Ion Ratio Lower Upper

45 100

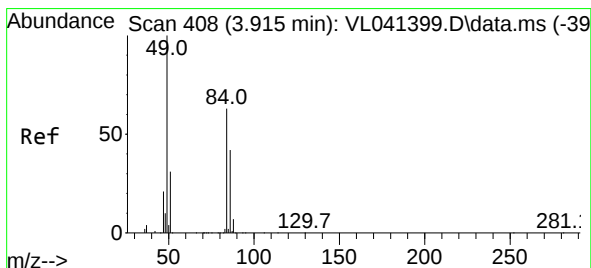
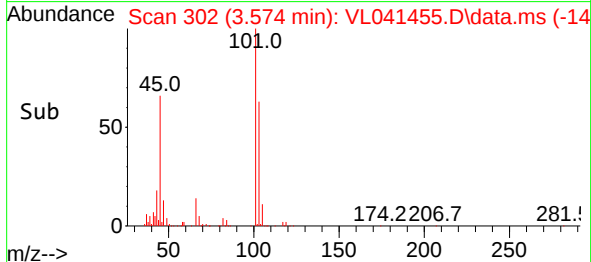
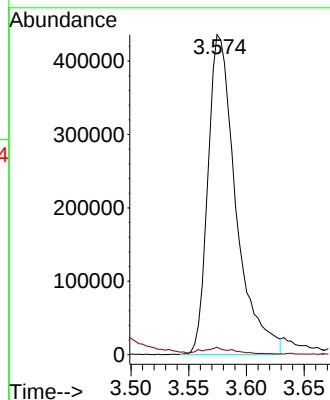
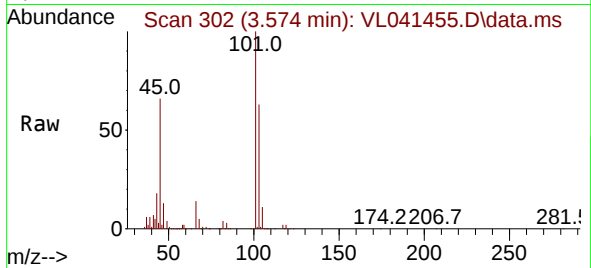
58 3.0 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#20

Methylene Chloride

Concen: 9.374 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Tgt Ion: 84 Resp: 420045

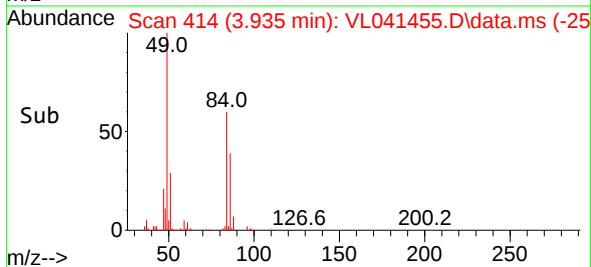
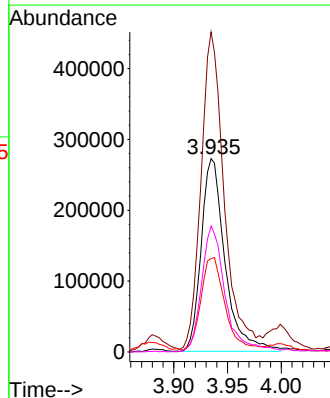
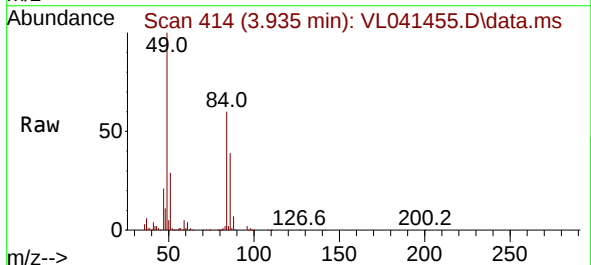
Ion Ratio Lower Upper

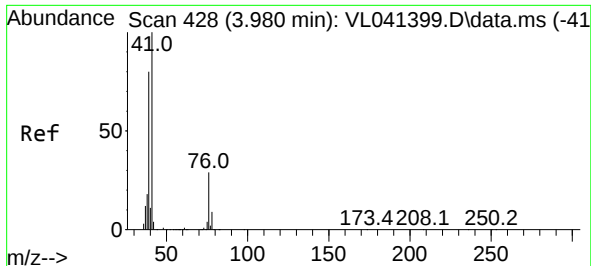
84 100

49 164.8 126.6 190.0

51 47.3 38.6 58.0

86 65.1 53.0 79.4





#21

Allyl Chloride

Concen: 10.462 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

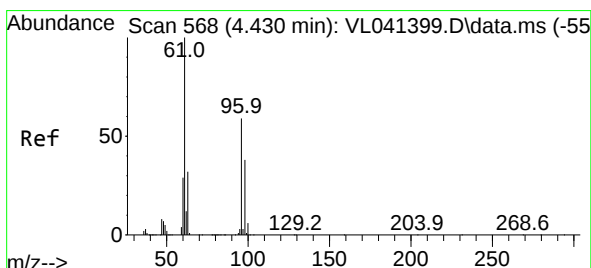
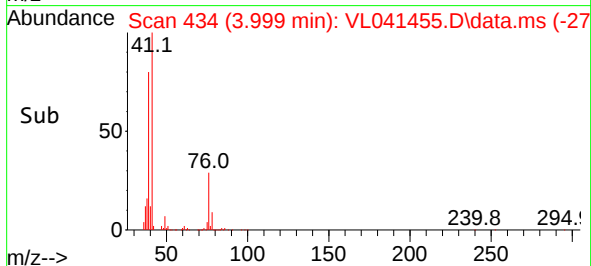
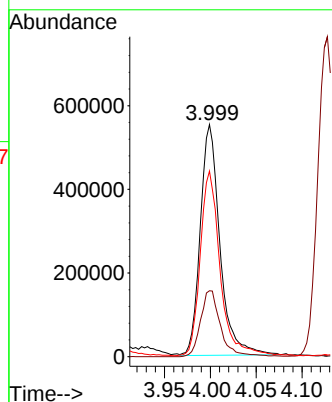
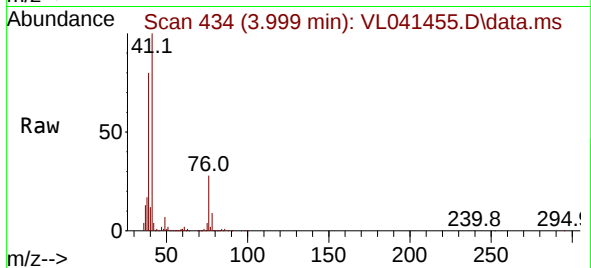
Tgt Ion: 41 Resp: 824434

Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.7	35.5
39	81.2	64.3	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#22

trans-1,2-Dichloroethene

Concen: 10.215 ppbv

RT: 4.449 min Scan# 574

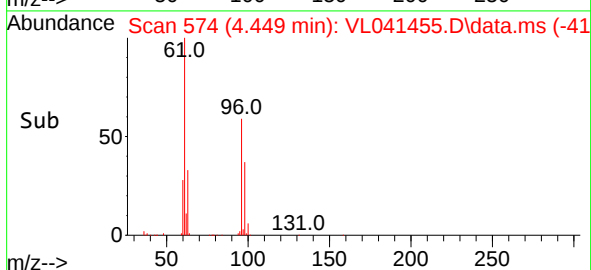
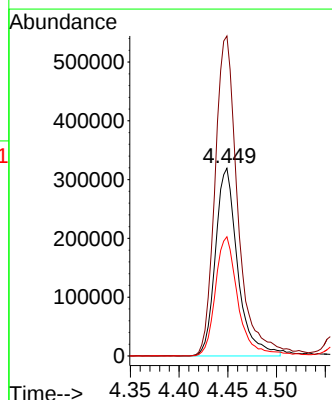
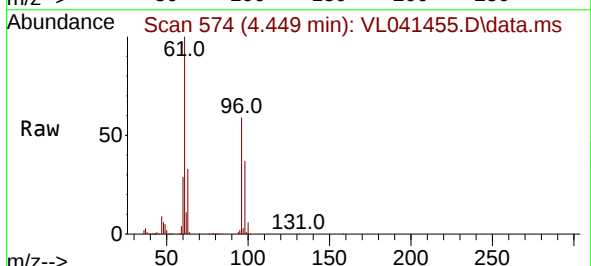
Delta R.T. 0.003 min

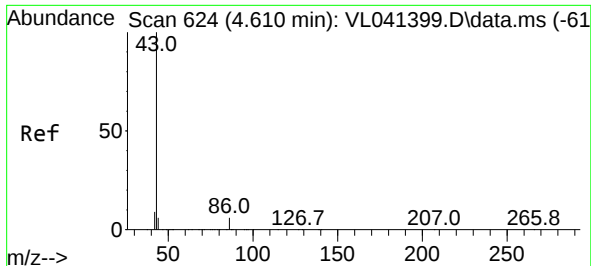
Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Tgt Ion: 96 Resp: 508308

Ion	Ratio	Lower	Upper
96	100		
61	170.6	135.4	203.2
98	63.5	51.0	76.4





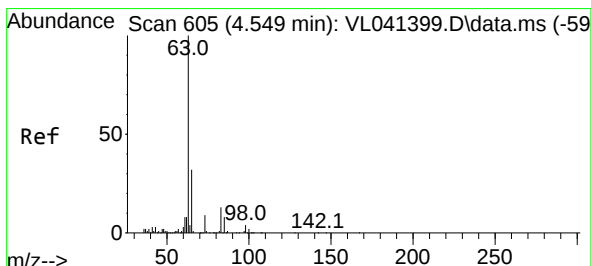
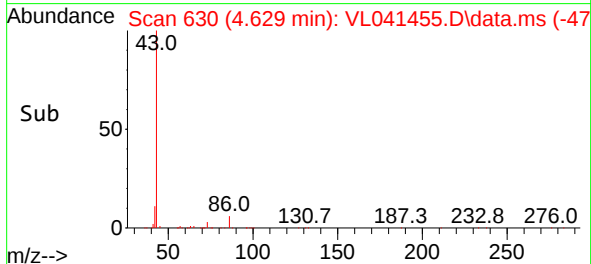
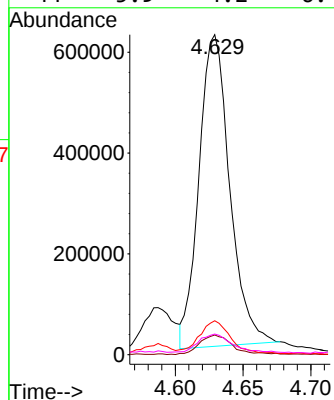
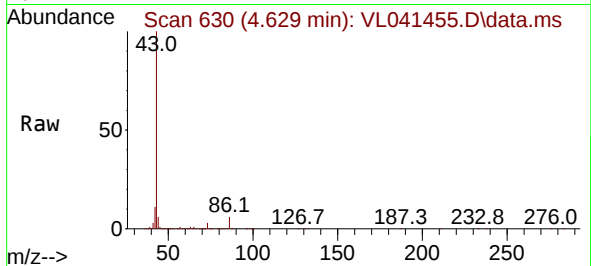
#23
Vinyl Acetate
Concen: 10.634 ppbv
RT: 4.629 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 43 Resp: 975872
Ion Ratio Lower Upper
43 100
86 6.2 4.6 6.8
42 10.7 7.9 11.9
44 5.9 4.2 6.4

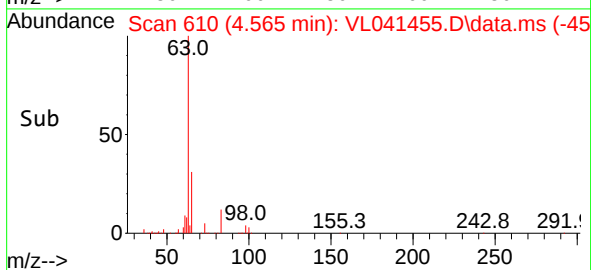
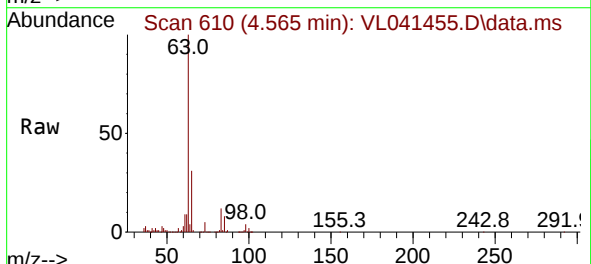
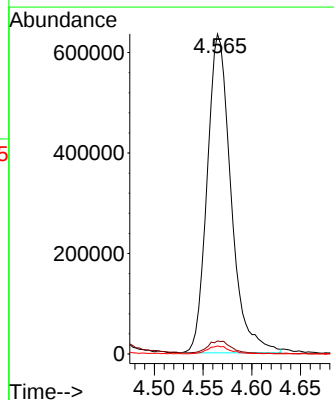
Manual Integrations
APPROVED

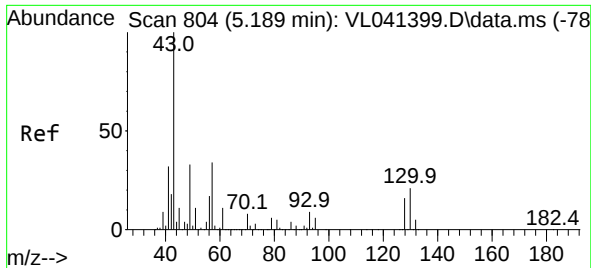
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#24
1,1-Dichloroethane
Concen: 9.999 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

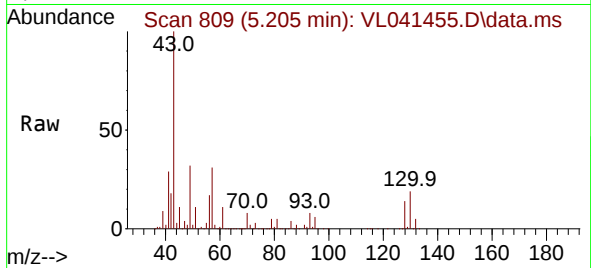
Tgt Ion: 63 Resp: 1080371
Ion Ratio Lower Upper
63 100
98 3.8 2.0 6.0
100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 10.429 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

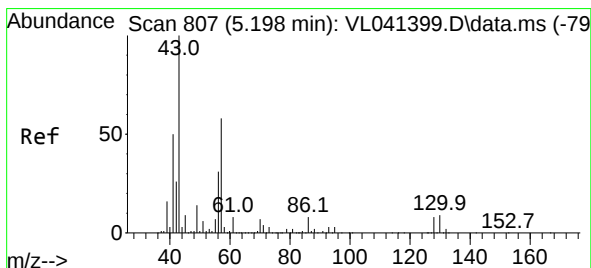
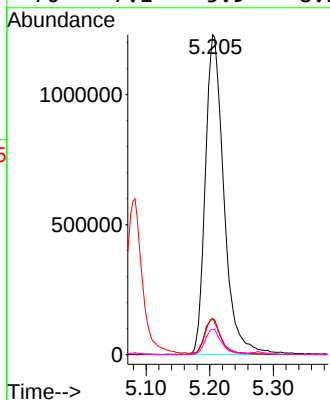
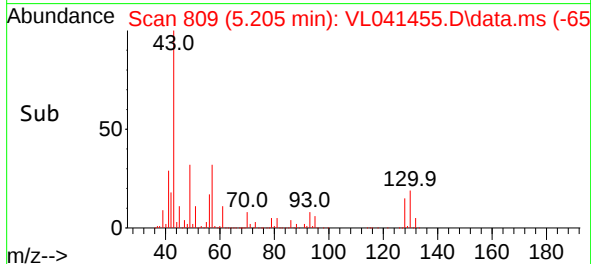


Tgt Ion: 43 Resp: 248963

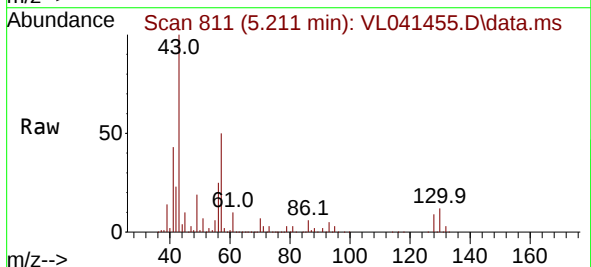
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.1	8.0	12.0
70	7.1	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

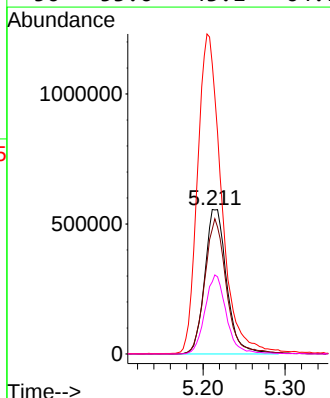
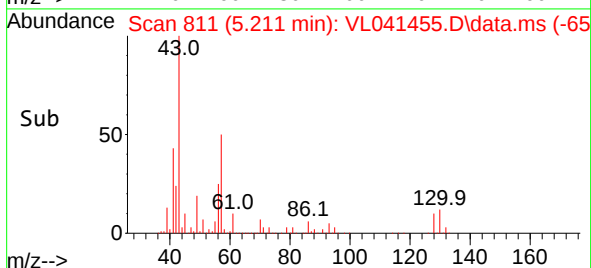


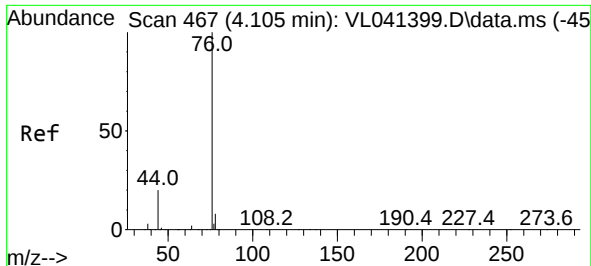
#26
Hexane
Concen: 10.448 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



Tgt Ion: 57 Resp: 1034642

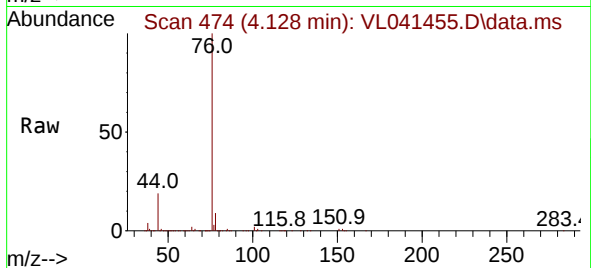
Ion	Ratio	Lower	Upper
57	100		
41	92.9	74.0	111.0
43	241.7	193.6	290.4
56	53.6	43.1	64.7





#27
Carbon Disulfide
Concen: 10.450 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

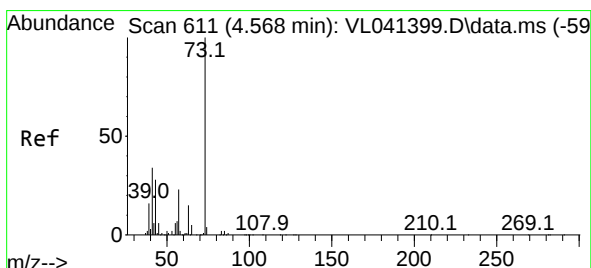
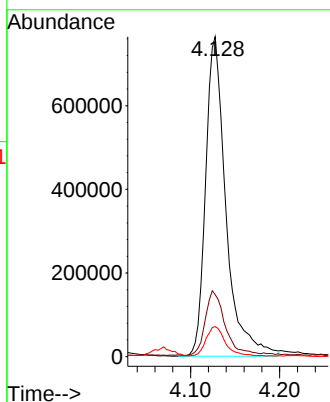
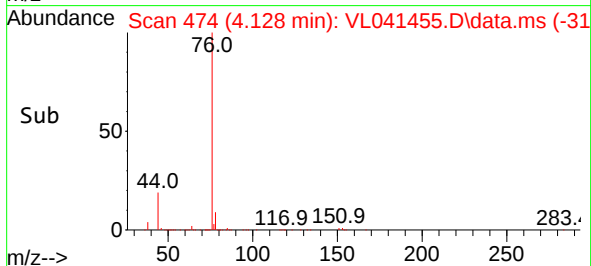
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 76 Resp: 1210584
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.3 7.7 11.5

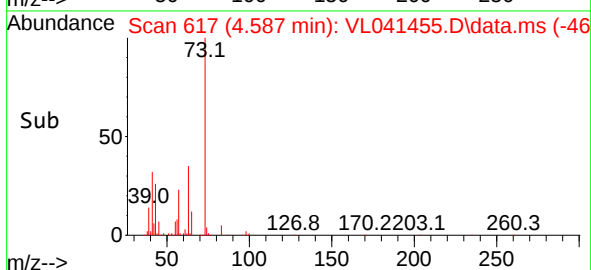
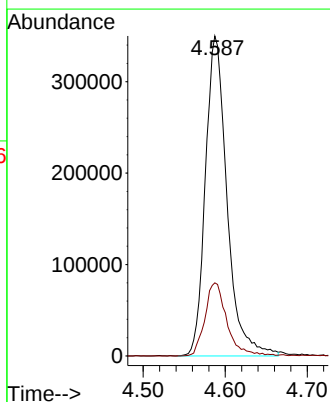
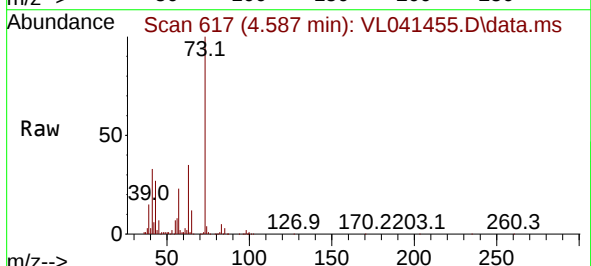
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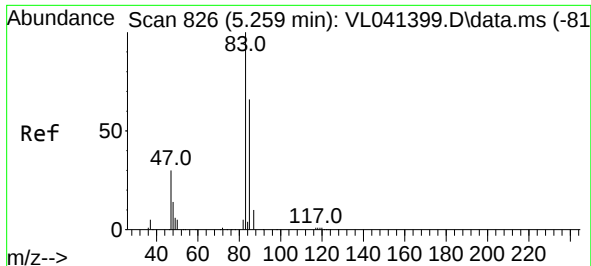
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#28
Methyl tert-Butyl Ether
Concen: 10.282 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Tgt Ion: 73 Resp: 642077
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 10.016 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 83 Resp: 161768

Ion Ratio Lower Upper

83 100

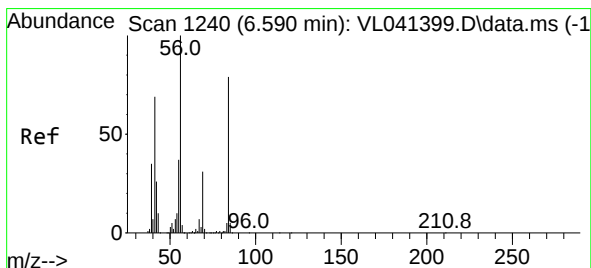
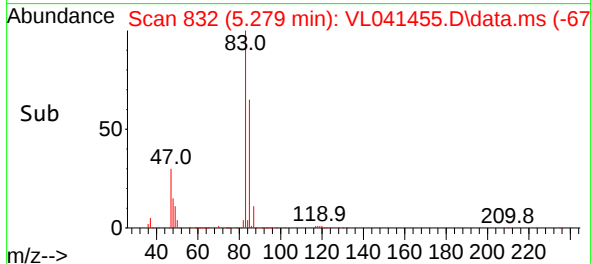
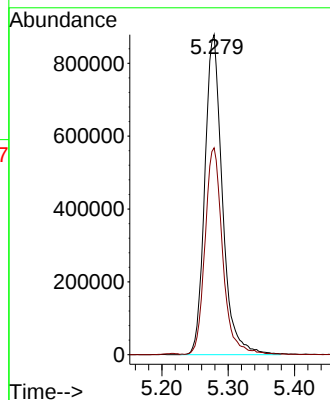
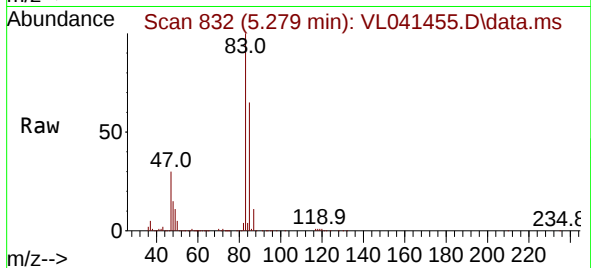
85 64.6 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#30

Cyclohexane

Concen: 11.040 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

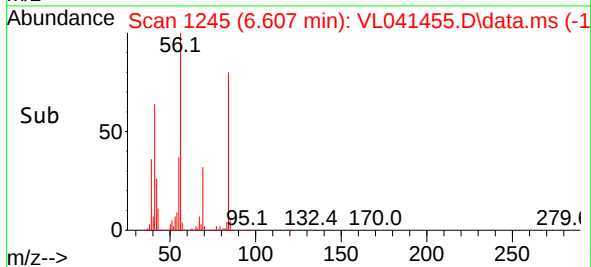
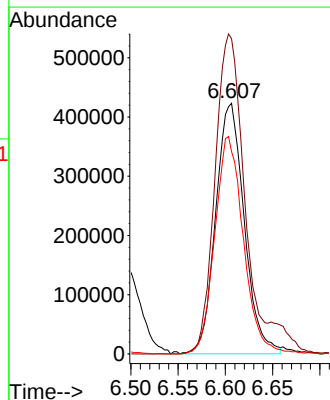
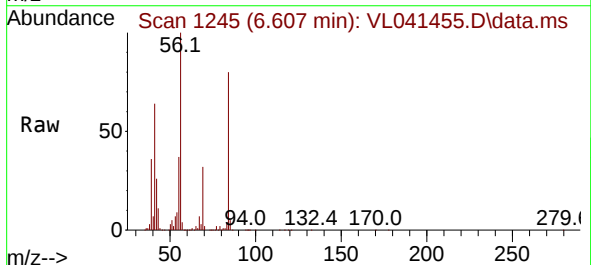
Tgt Ion: 84 Resp: 890235

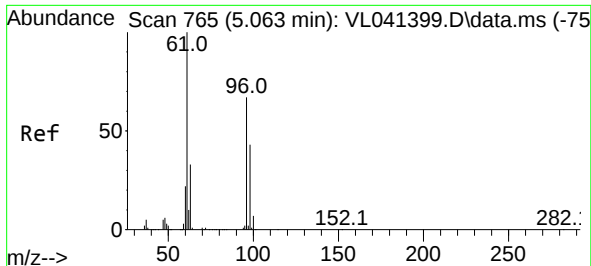
Ion Ratio Lower Upper

84 100

56 137.8 111.2 166.8

41 87.1 70.3 105.5





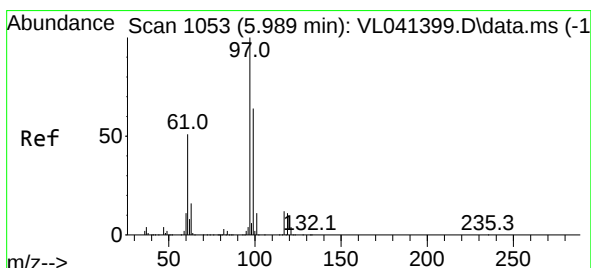
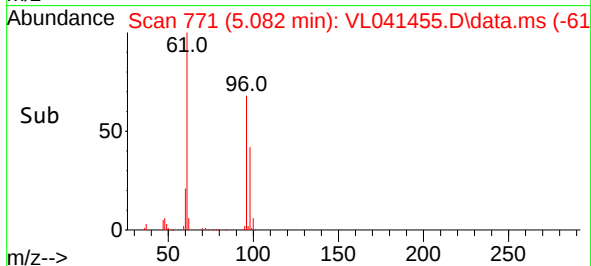
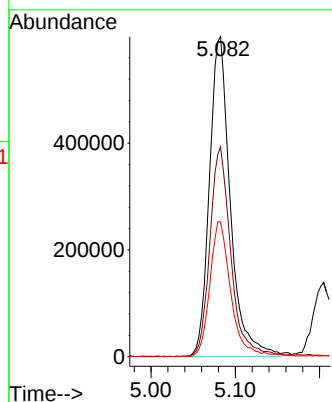
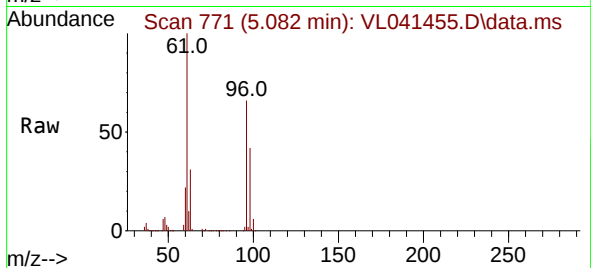
#31
 cis-1,2-Dichloroethene
 Concen: 10.537 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01

Tgt Ion: 61 Resp: 103078
 Ion Ratio Lower Upper
 61 100
 96 65.6 53.4 80.2
 98 42.1 34.4 51.6

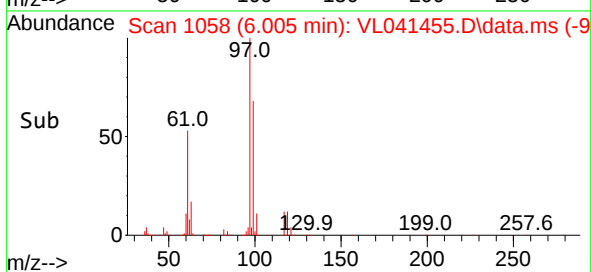
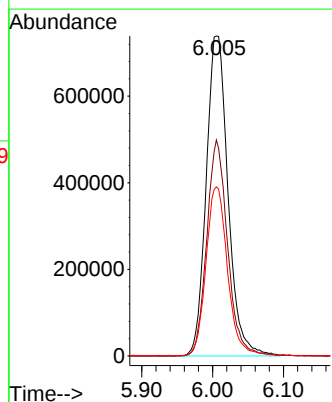
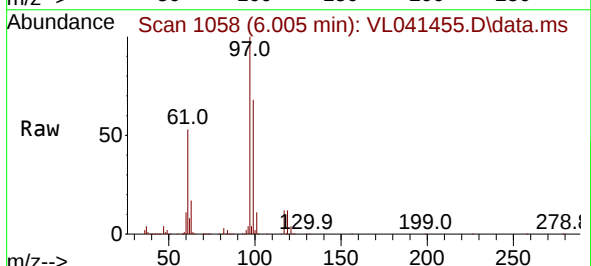
Manual Integrations
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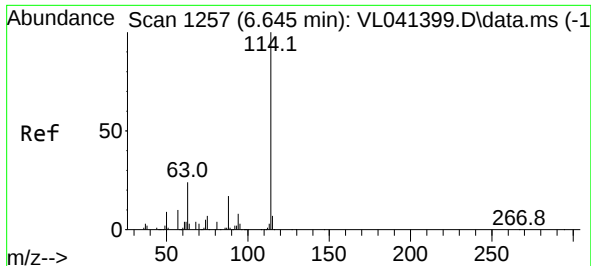
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.068 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

Tgt Ion: 97 Resp: 1582905
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.0 78.0
 61 52.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:114 Resp: 288303

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

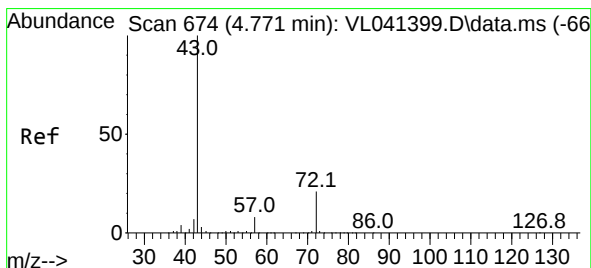
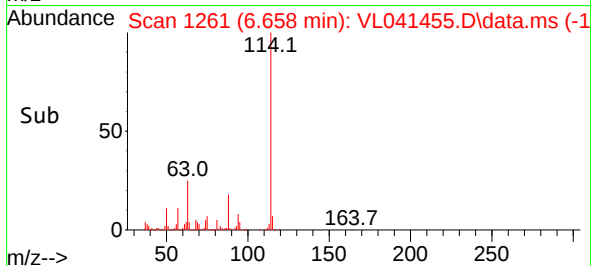
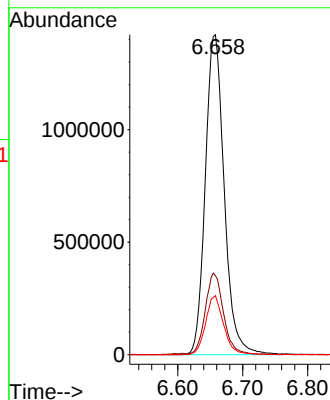
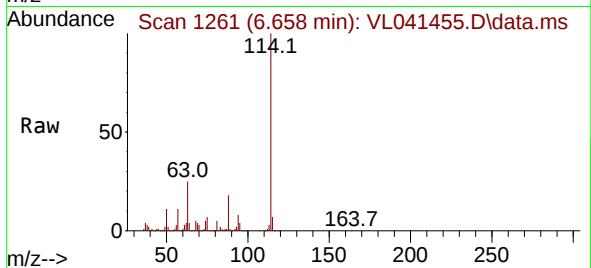
88 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 10.782 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL041455.D

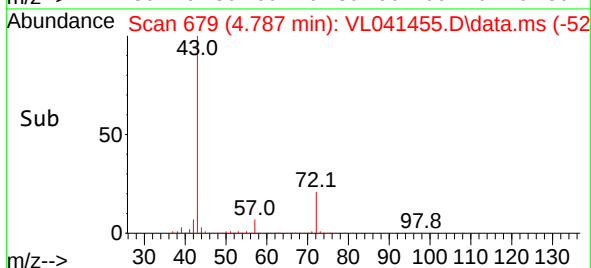
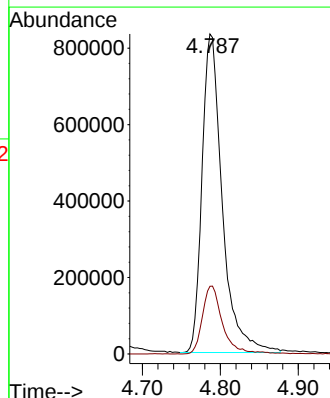
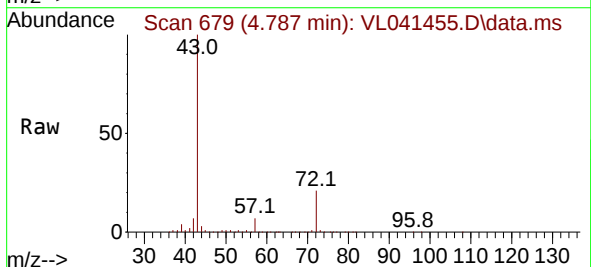
Acq: 31 Jul 2024 9:34

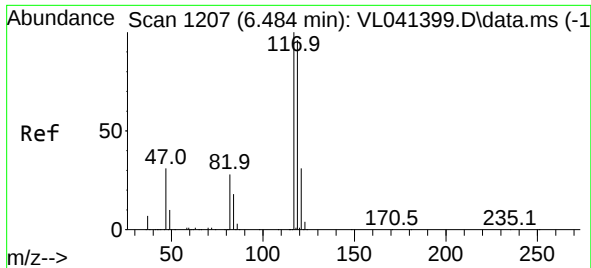
Tgt Ion: 43 Resp: 1503737

Ion Ratio Lower Upper

43 100

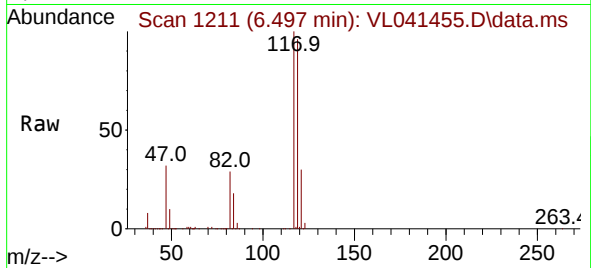
72 21.5 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.423 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

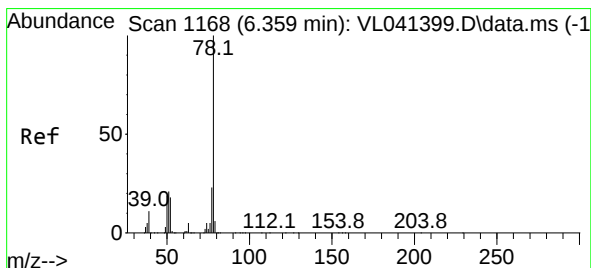
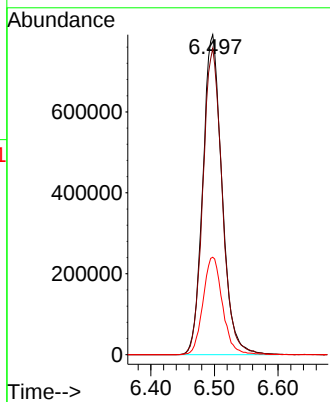
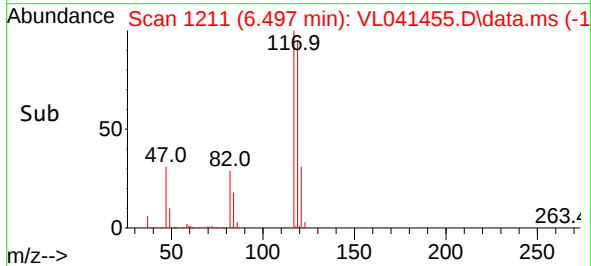
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:117 Resp: 1657384
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 30.4 25.1 37.7

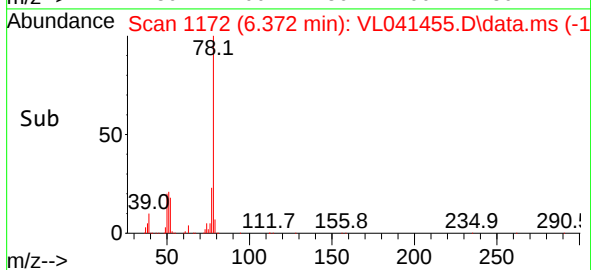
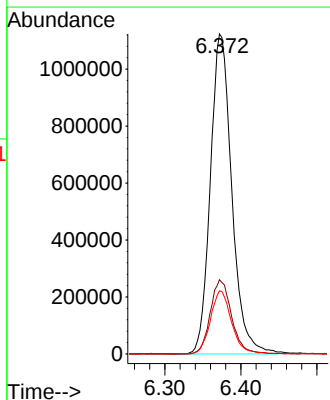
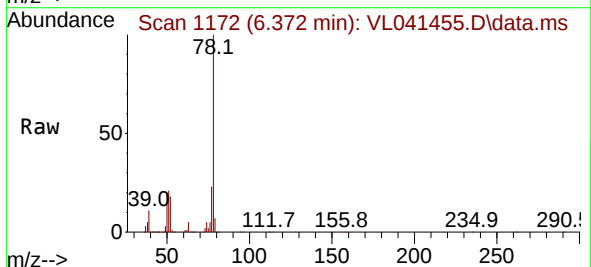
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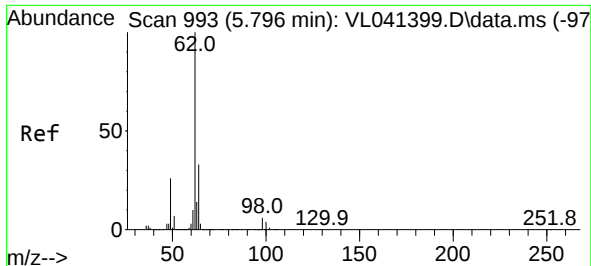
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36
Benzene
Concen: 10.443 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Tgt Ion: 78 Resp: 2199879
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1
50 19.7 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.552 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 62 Resp: 124419

Ion Ratio Lower Upper

62 100

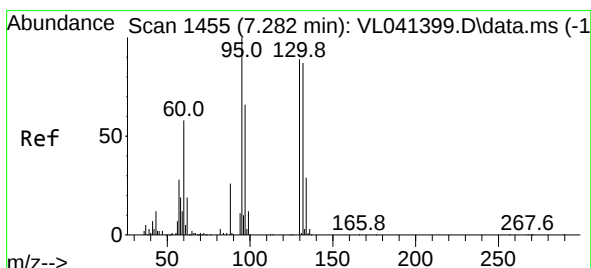
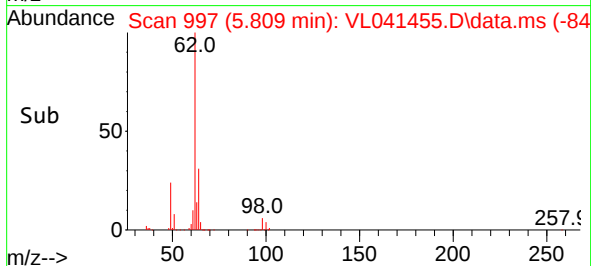
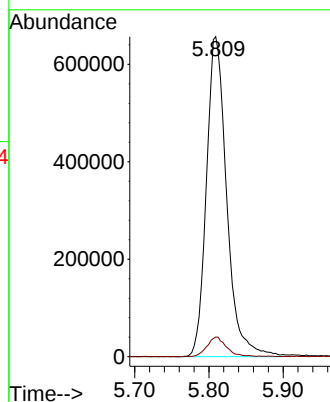
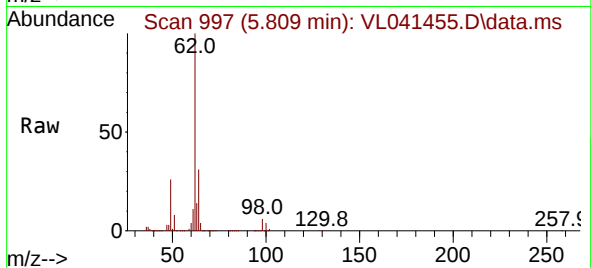
98 6.1 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#38

Trichloroethene

Concen: 10.354 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Tgt Ion:130 Resp: 999278

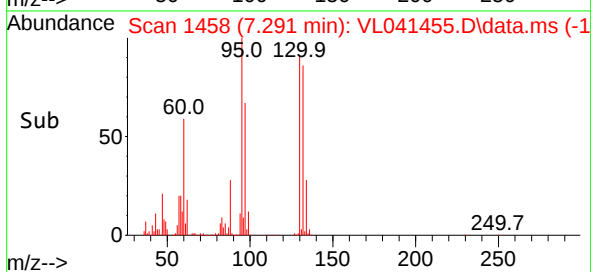
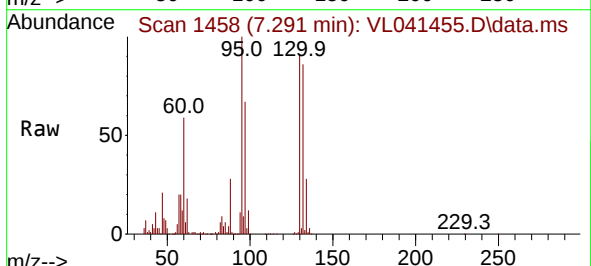
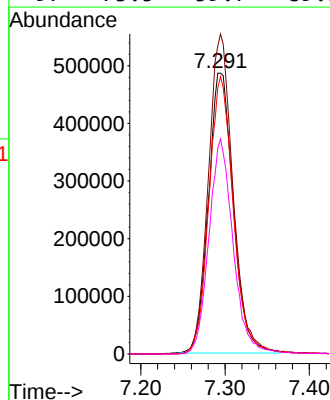
Ion Ratio Lower Upper

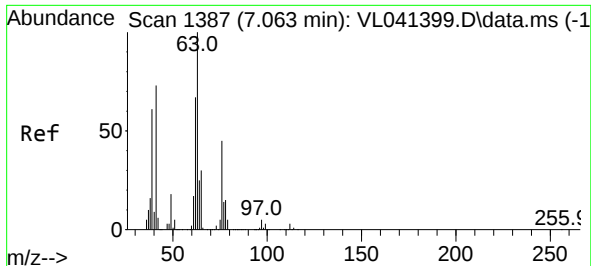
130 100

95 109.9 90.2 135.2

132 95.1 78.1 117.1

97 73.5 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.385 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 63 Resp: 837569

Ion Ratio Lower Upper

63 100

41 75.5 58.3 87.5

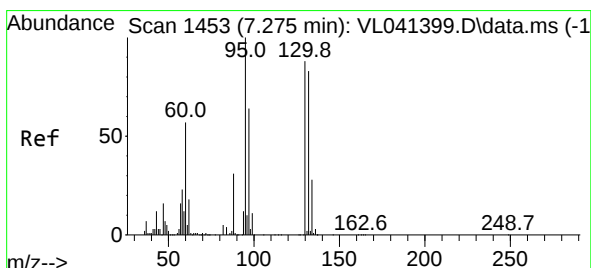
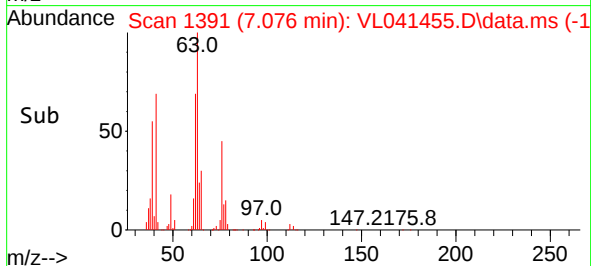
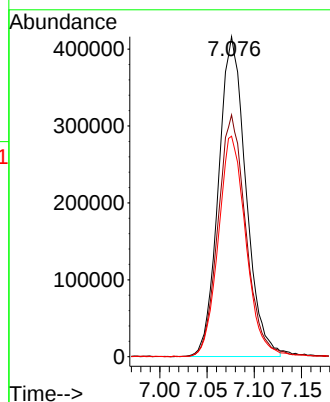
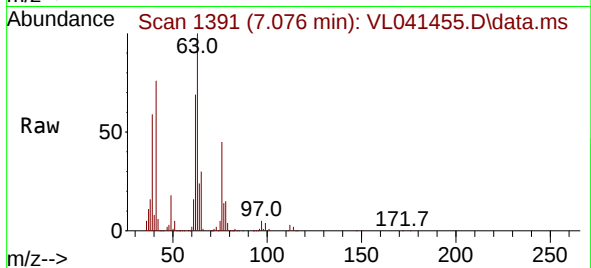
62 68.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 10.605 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Tgt Ion: 88 Resp: 343590

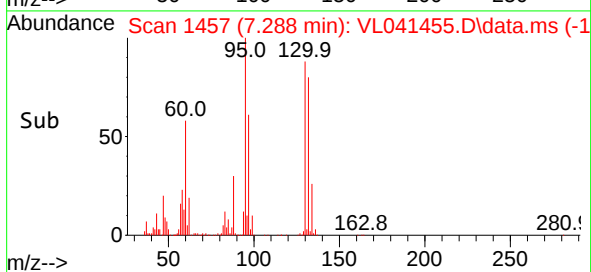
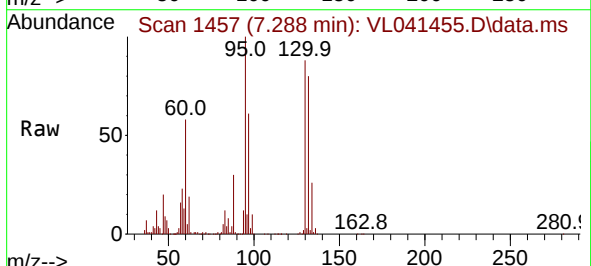
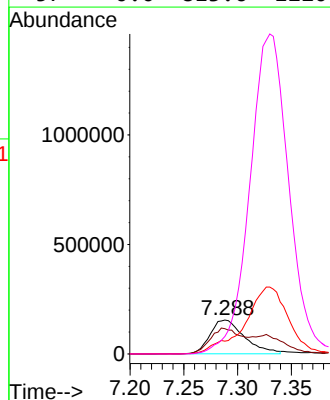
Ion Ratio Lower Upper

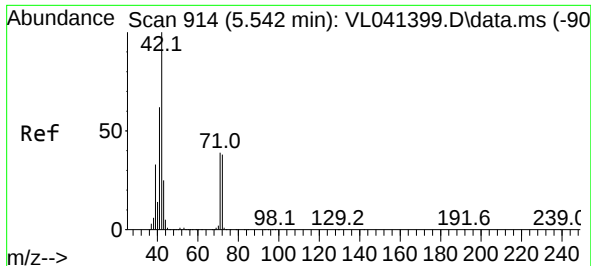
88 100

58 126.2 95.8 143.6

43 0.0 188.2 282.2#

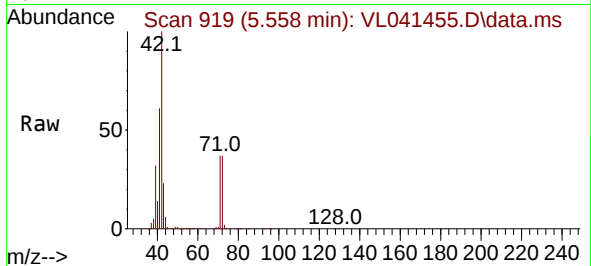
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 11.384 ppbv
RT: 5.558 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

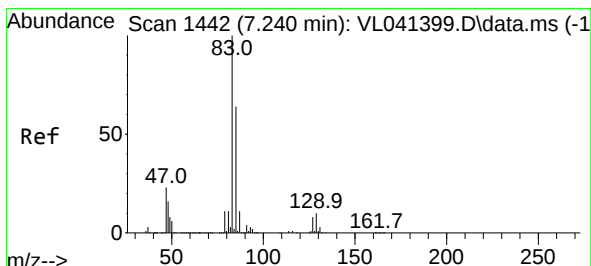
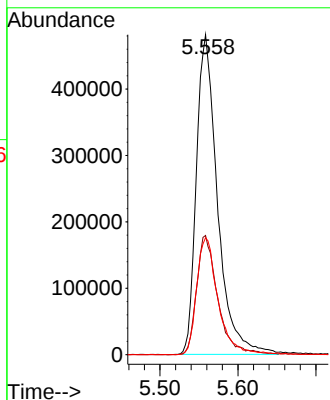
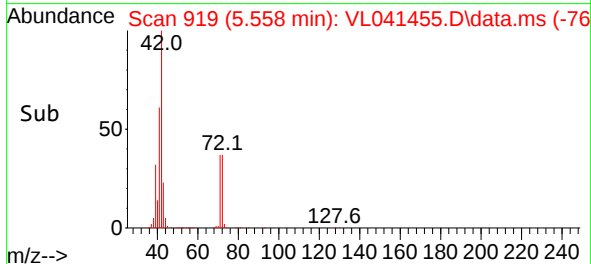
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 42 Resp: 908044
Ion Ratio Lower Upper
42 100
72 37.7 31.2 46.8
71 37.4 30.5 45.7

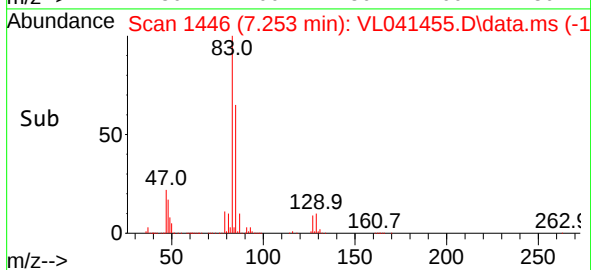
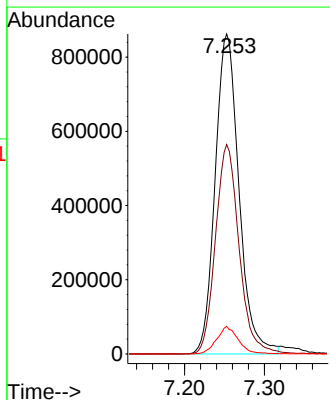
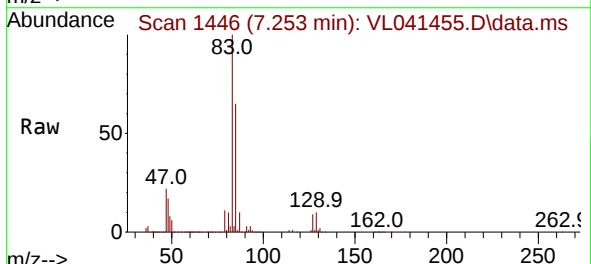
Manual Integrations
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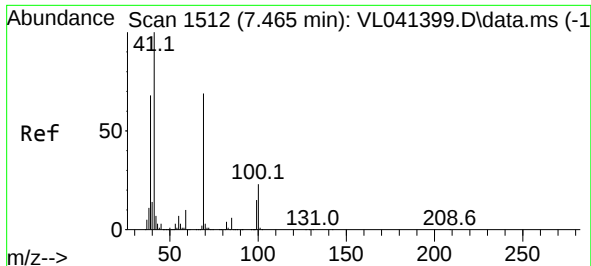
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42
Bromodichloromethane
Concen: 10.466 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

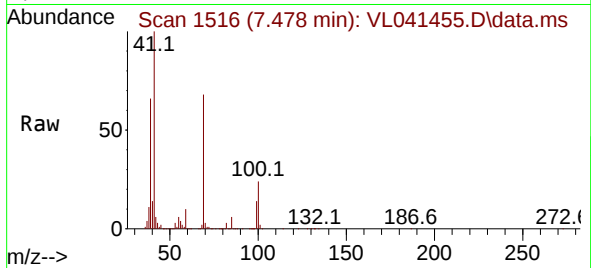
Tgt Ion: 83 Resp: 1781883
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 8.6 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.702 ppbv
RT: 7.478 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

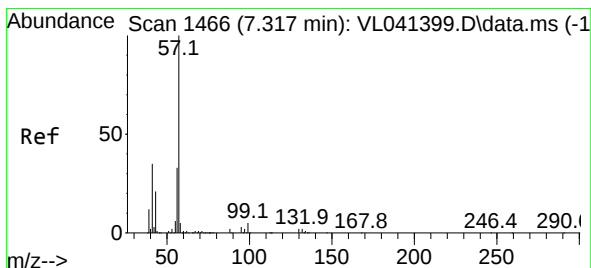
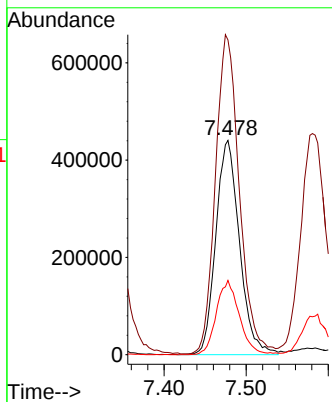
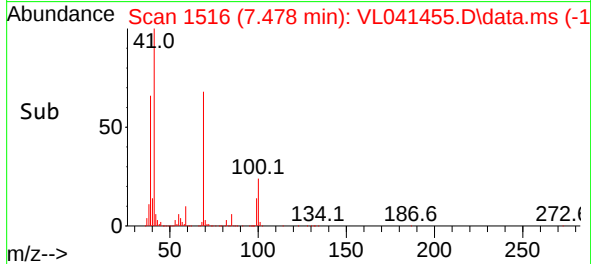
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



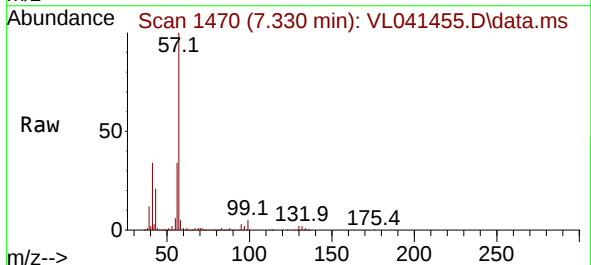
Tgt Ion: 69 Resp: 883960
Ion Ratio Lower Upper
69 100
41 150.7 118.7 178.1
100 33.6 27.0 40.4

Manual Integrations
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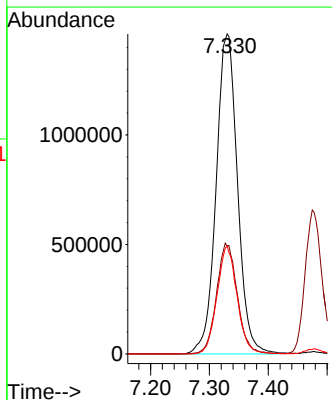
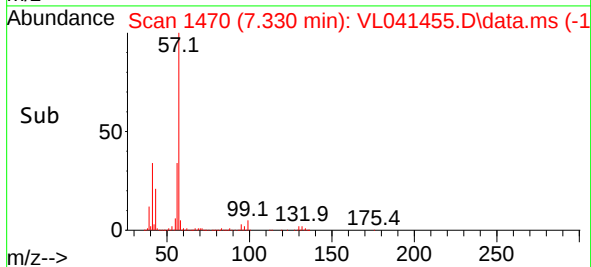
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

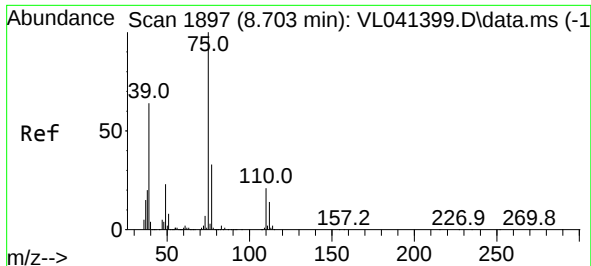


#44
2,2,4-Trimethylpentane
Concen: 10.489 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



Tgt Ion: 57 Resp: 3690567
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.6
56 31.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.873 ppbv

RT: 8.713 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 75 Resp: 89505

Ion Ratio Lower Upper

75 100

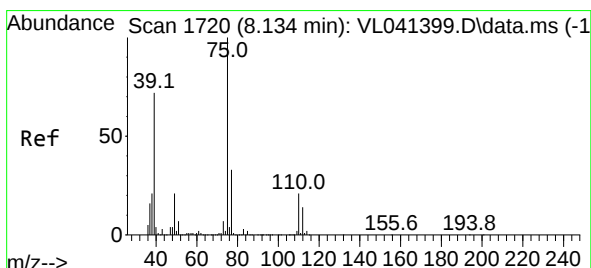
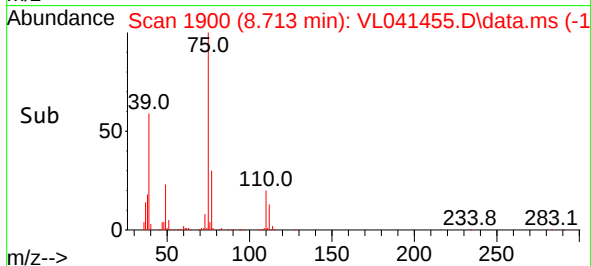
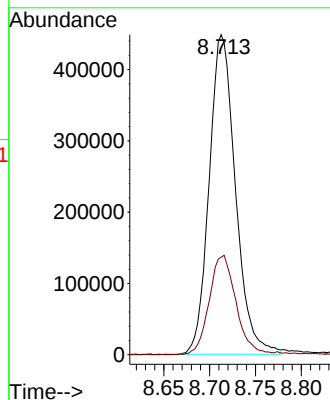
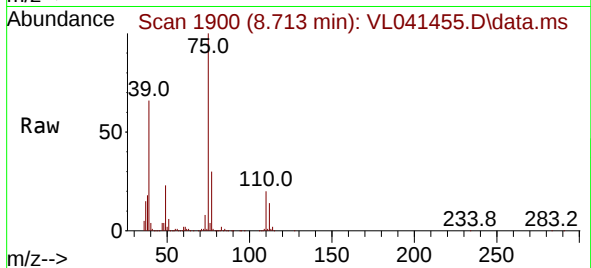
77 30.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#46

cis-1,3-Dichloropropene

Concen: 11.961 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

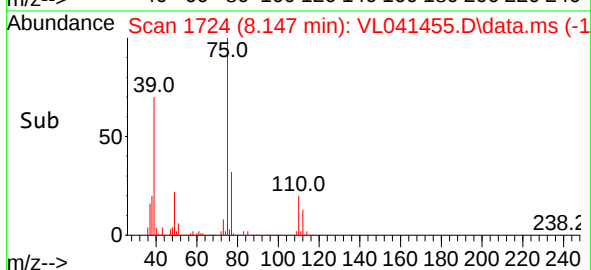
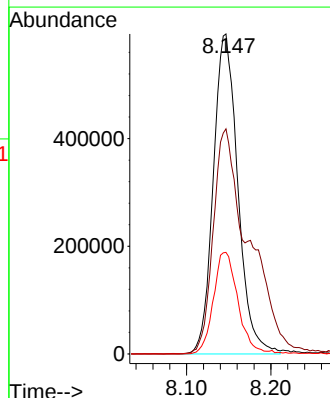
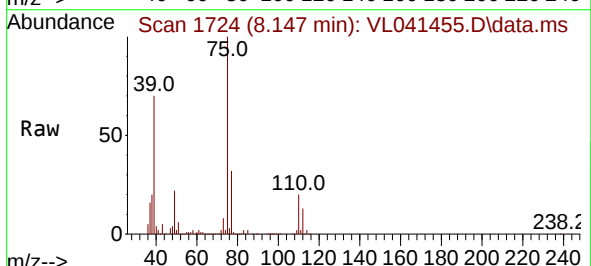
Tgt Ion: 75 Resp: 1200913

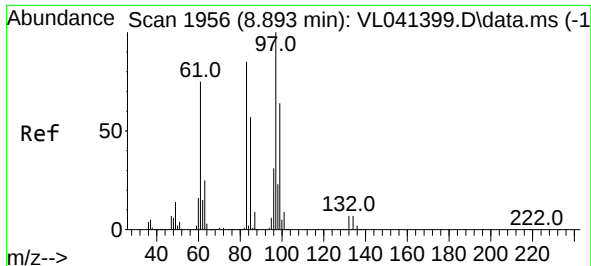
Ion Ratio Lower Upper

75 100

39 70.3 57.3 85.9

77 31.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.258 ppbv

RT: 8.899 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 97 Resp: 91191

Ion Ratio Lower Upper

97 100

83 88.4 67.6 101.4

85 57.7 45.9 68.9

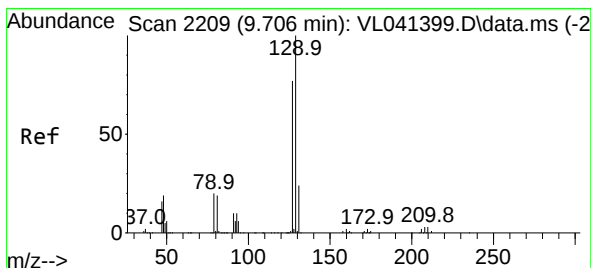
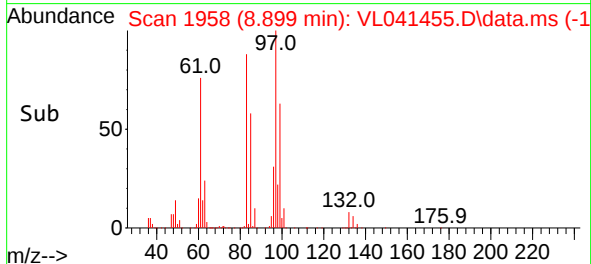
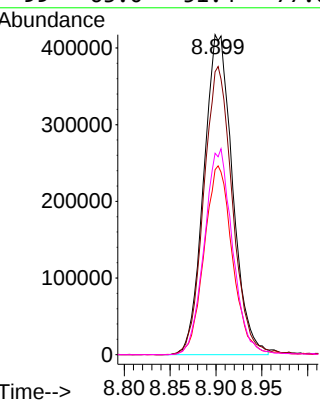
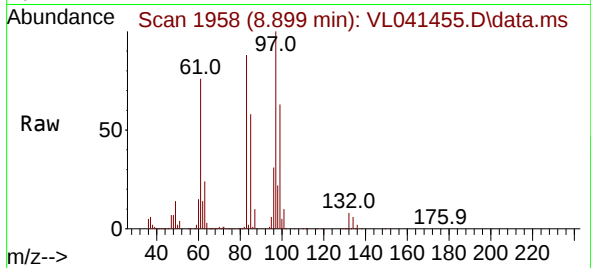
99 63.0 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#48

Dibromochloromethane

Concen: 10.740 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VL041455.D

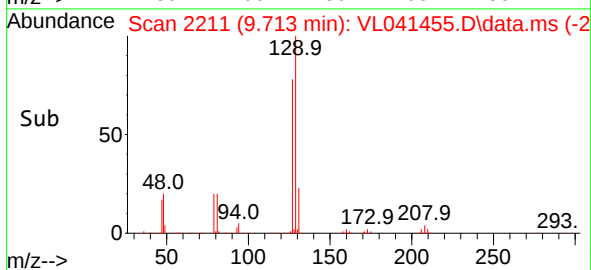
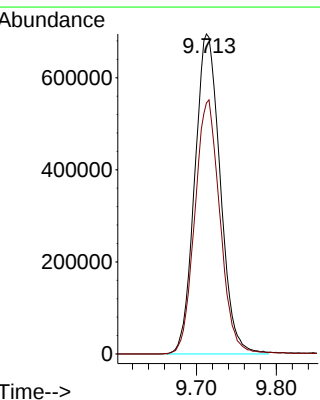
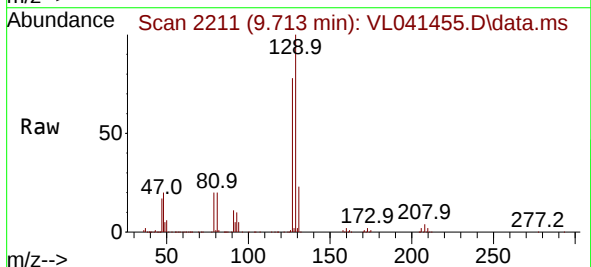
Acq: 31 Jul 2024 9:34

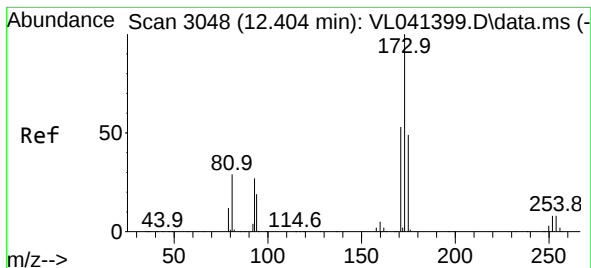
Tgt Ion:129 Resp: 1538116

Ion Ratio Lower Upper

129 100

127 78.9 39.3 117.8





#49

Bromoform

Concen: 11.159 ppbv

RT: 12.410 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:173 Resp: 135000

Ion Ratio Lower Upper

173 100

175 49.3 39.9 59.9

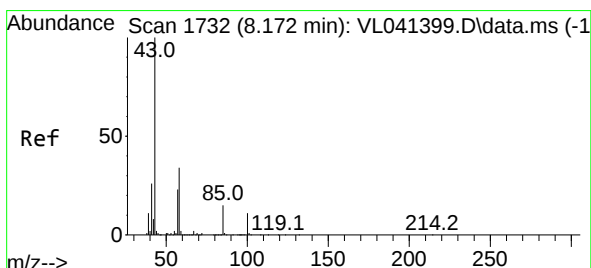
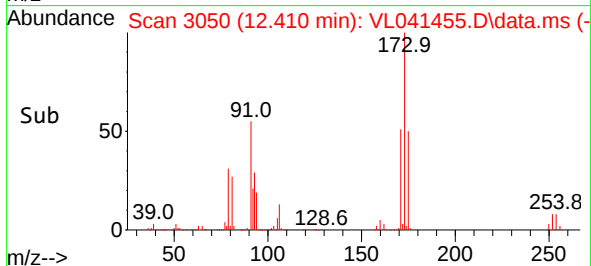
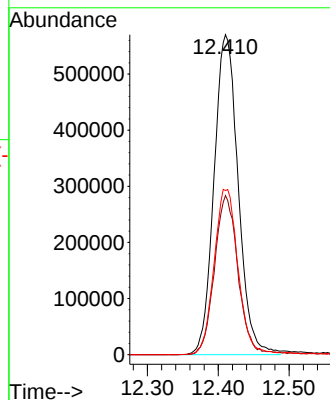
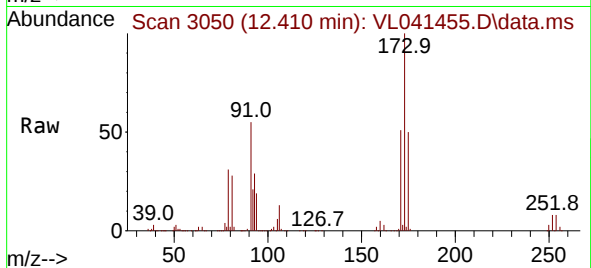
171 52.1 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 11.152 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VL041455.D

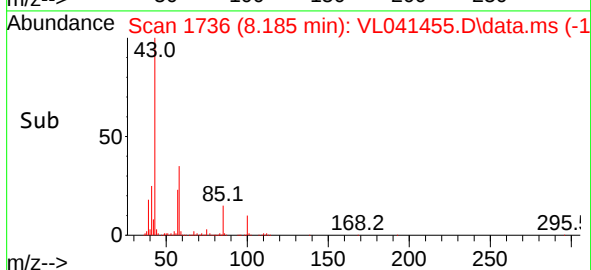
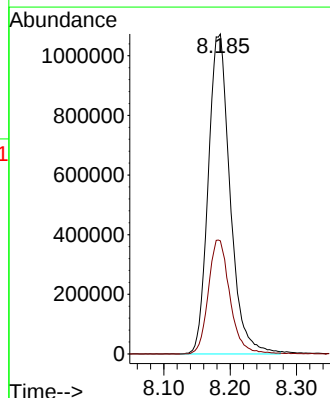
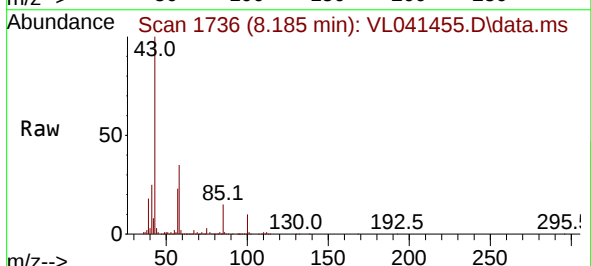
Acq: 31 Jul 2024 9:34

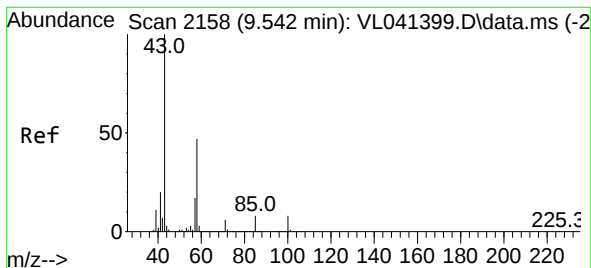
Tgt Ion: 43 Resp: 2453844

Ion Ratio Lower Upper

43 100

58 35.4 27.9 41.9





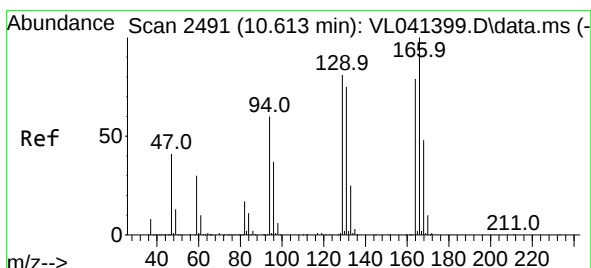
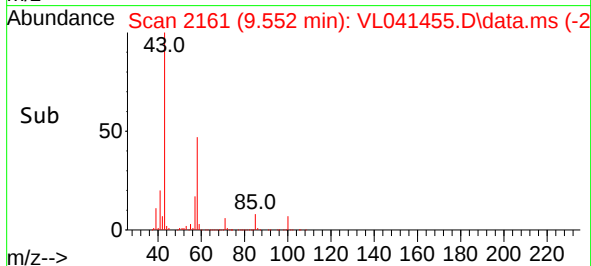
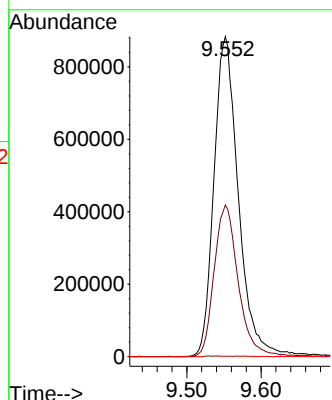
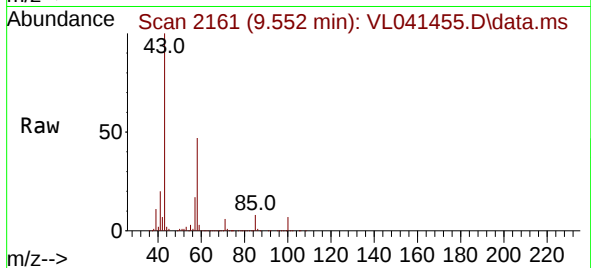
#51
2-Hexanone
Concen: 12.041 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 43 Resp: 200329
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.2
98 0.4 0.3 0.5

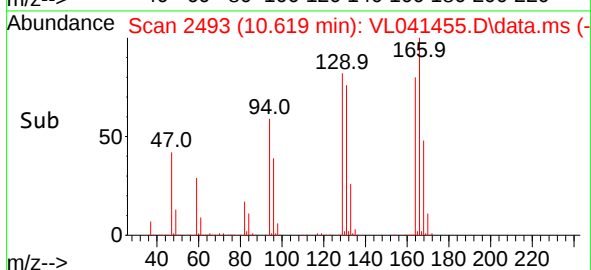
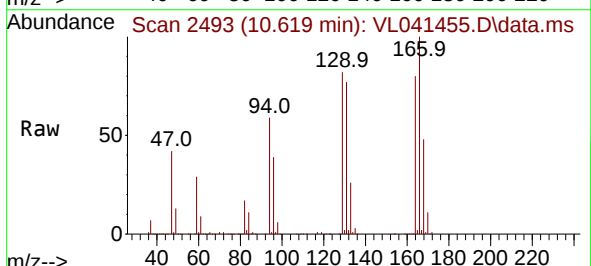
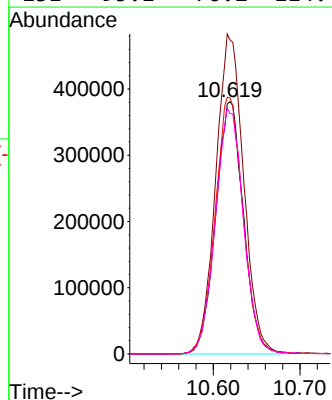
Manual Integrations
APPROVED

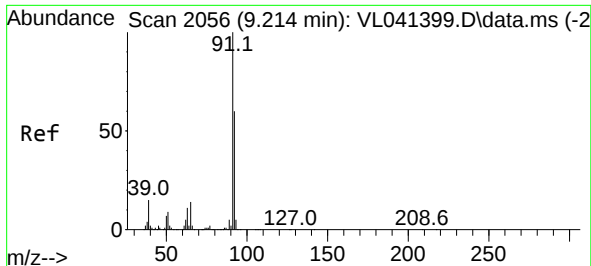
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#52
Tetrachloroethene
Concen: 10.412 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

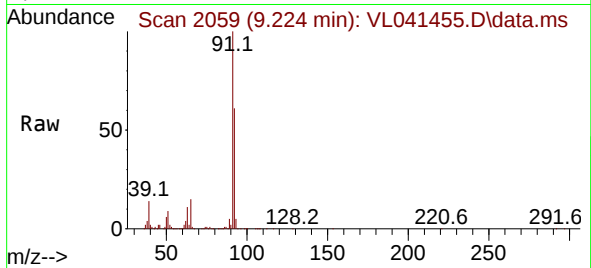
Tgt Ion:164 Resp: 847562
Ion Ratio Lower Upper
164 100
166 124.4 101.1 151.7
129 101.5 81.7 122.5
131 95.1 76.2 114.4





#53
Toluene
Concen: 11.124 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

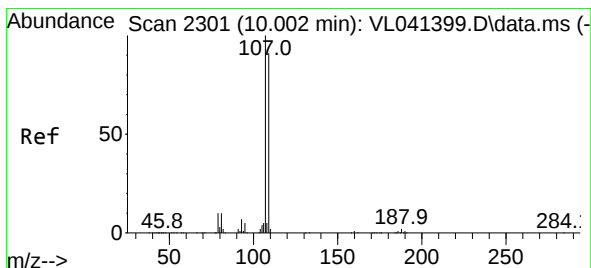
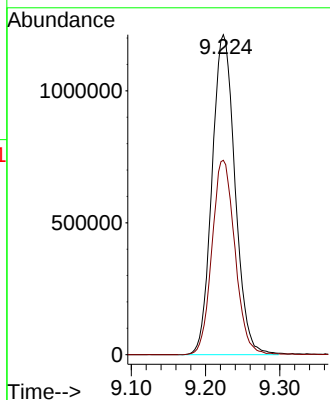
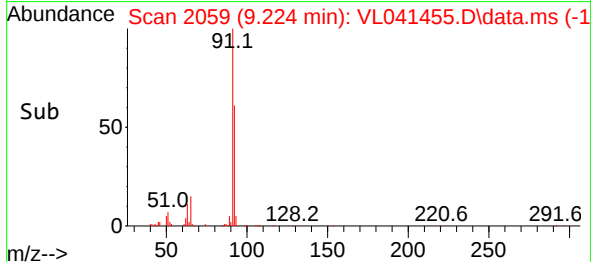
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



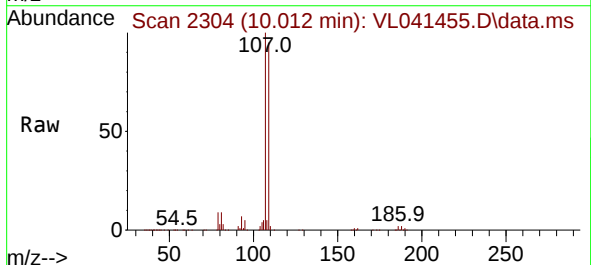
Tgt Ion: 91 Resp: 2610329
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

Manual Integrations
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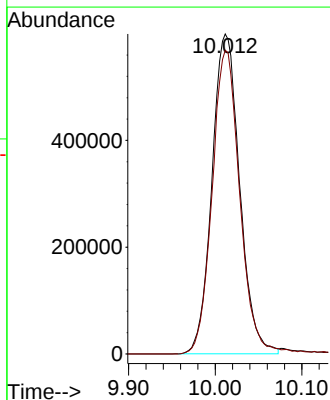
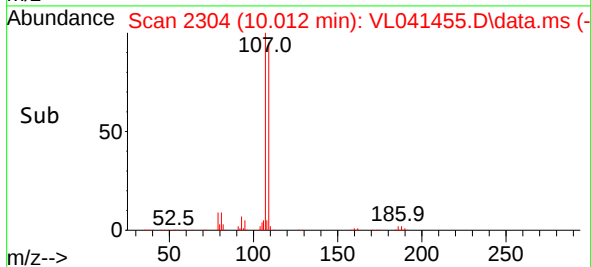
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

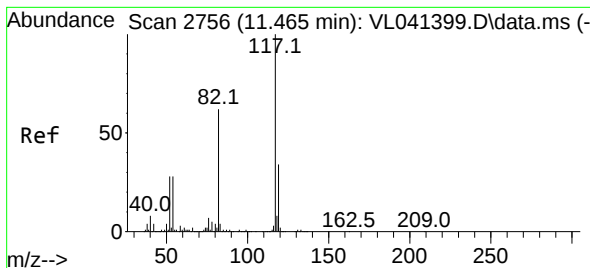


#54
1,2-Dibromoethane
Concen: 11.242 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



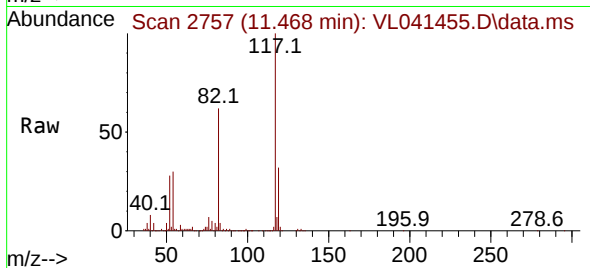
Tgt Ion:107 Resp: 1330296
Ion Ratio Lower Upper
107 100
109 94.9 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

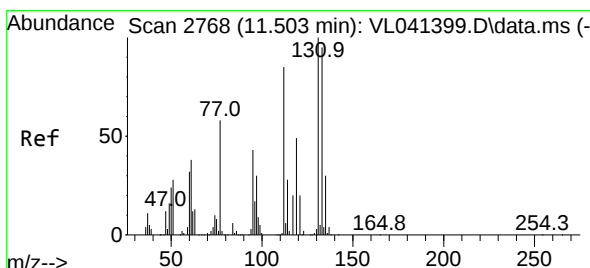
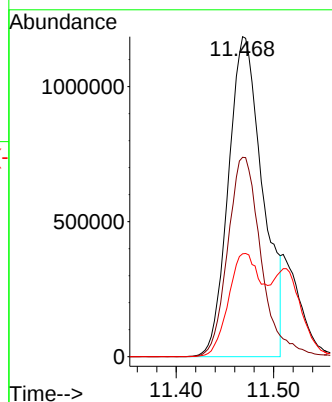
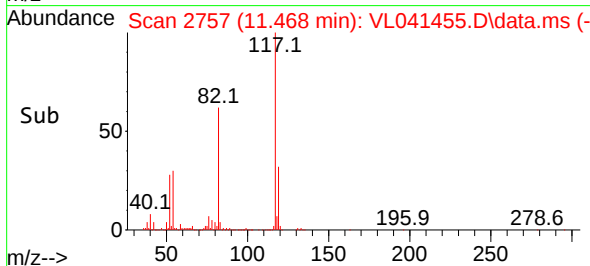
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:117 Resp: 290393
Ion Ratio Lower Upper
117 100
82 61.2 51.0 76.6
119 31.4 45.2 67.8

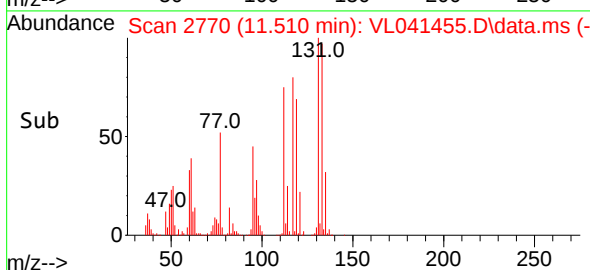
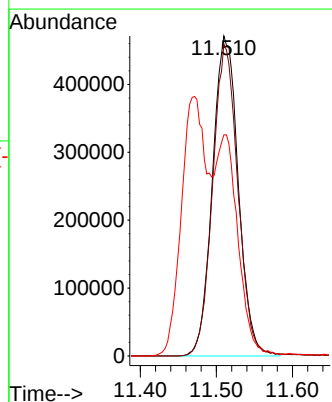
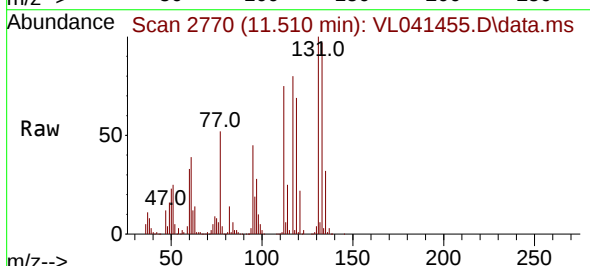
Manual Integrations
APPROVED

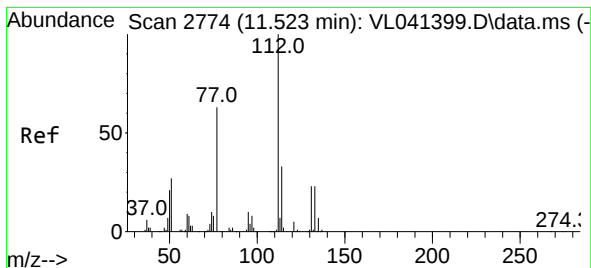
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.866 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

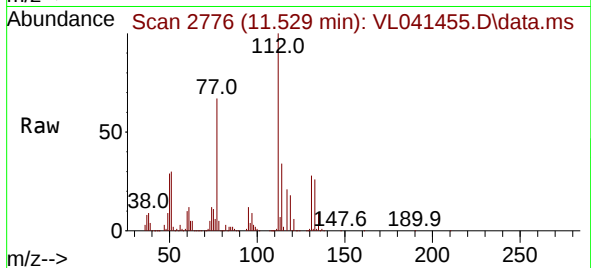
Tgt Ion:131 Resp: 1111041
Ion Ratio Lower Upper
131 100
133 95.9 77.0 115.4
119 56.4 121.5 182.3





#57
Chlorobenzene
Concen: 9.654 ppbv
RT: 11.529 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

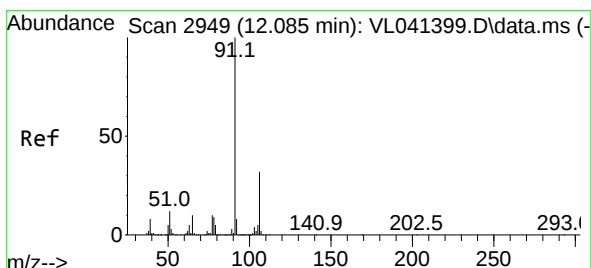
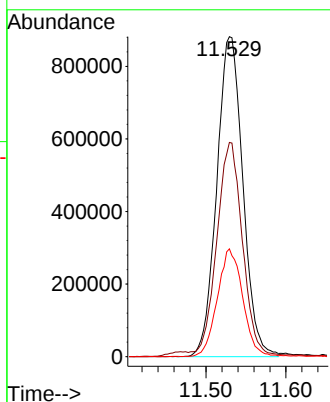
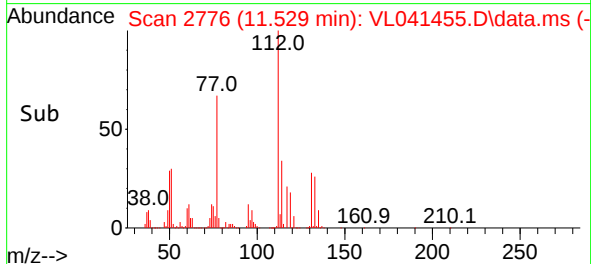
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



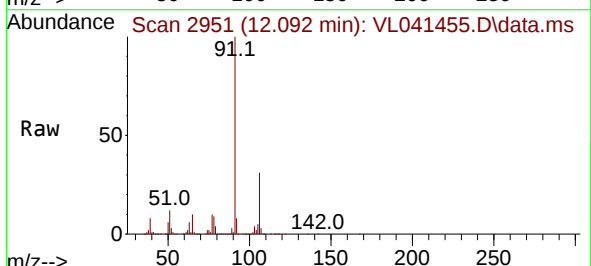
Tgt Ion:112 Resp: 1996110
Ion Ratio Lower Upper
112 100
77 66.2 51.1 76.7
114 33.7 29.5 36.1

Manual Integrations
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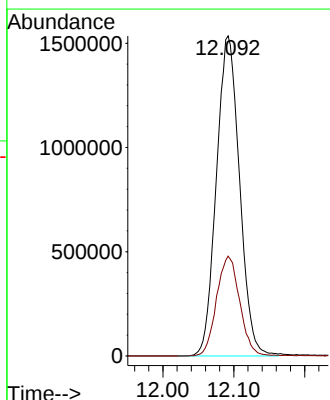
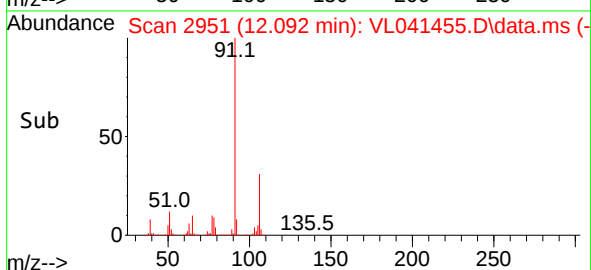
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

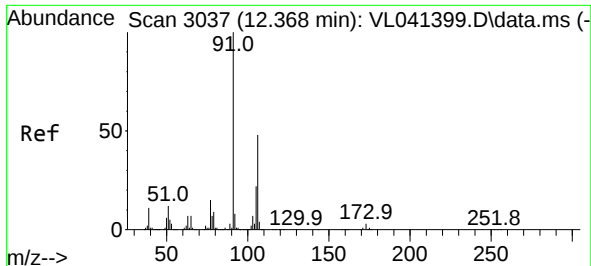


#58
Ethyl Benzene
Concen: 10.406 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



Tgt Ion: 91 Resp: 3482956
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8





#59

m/p-Xylene

Concen: 20.463 ppbv m

RT: 12.375 min Scan# 3037

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion: 91 Resp: 591261

Ion Ratio Lower Upper

91 100

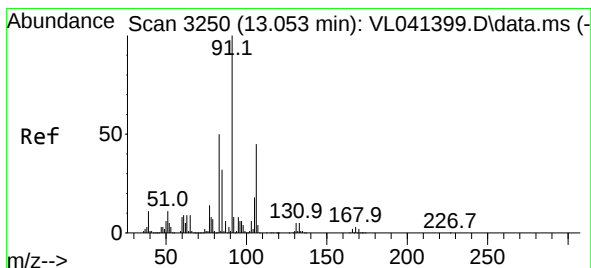
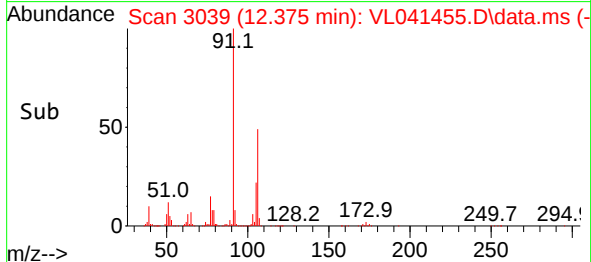
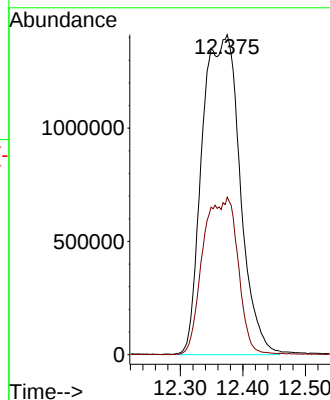
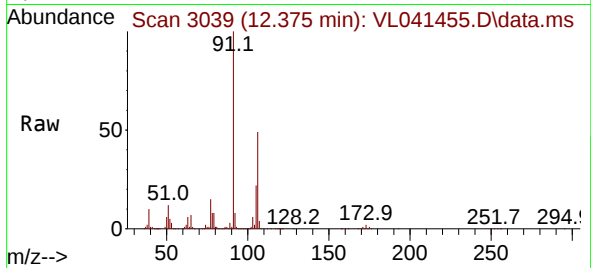
106 45.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#60

o-Xylene

Concen: 10.378 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL041455.D

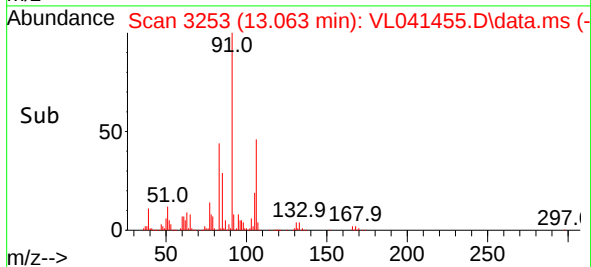
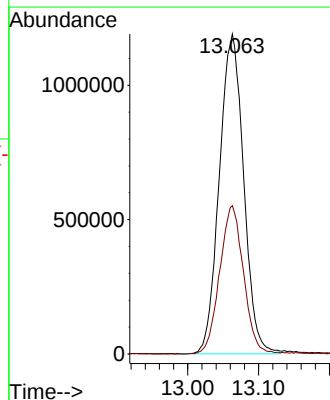
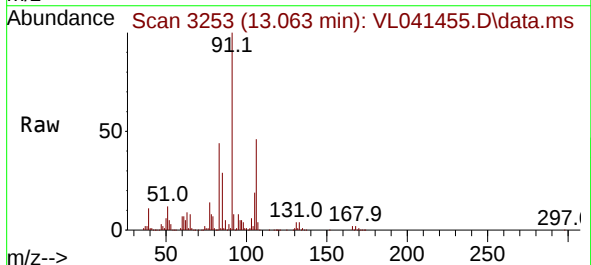
Acq: 31 Jul 2024 9:34

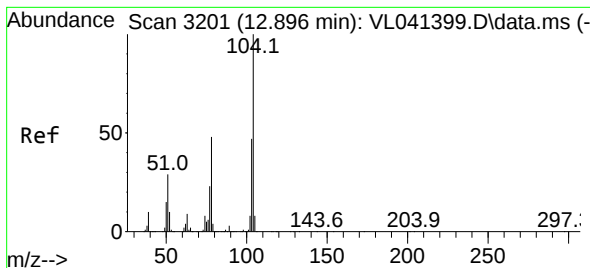
Tgt Ion: 91 Resp: 2836696

Ion Ratio Lower Upper

91 100

106 46.0 23.1 69.3





#61

Styrene

Concen: 11.339 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:104 Resp: 1398238

Ion Ratio Lower Upper

104 100

78 50.9 40.8 61.2

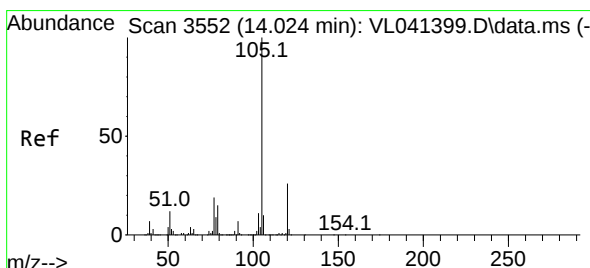
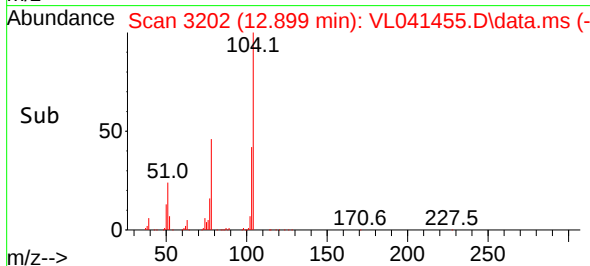
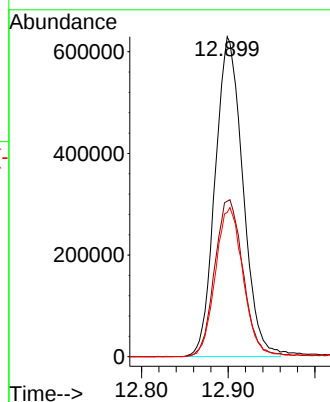
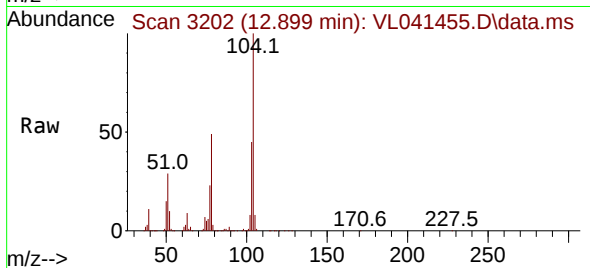
103 47.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#62

Isopropylbenzene

Concen: 9.945 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.003 min

Lab File: VL041455.D

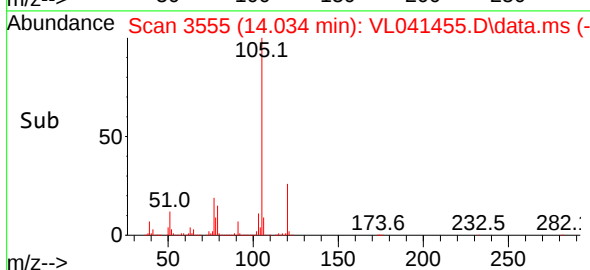
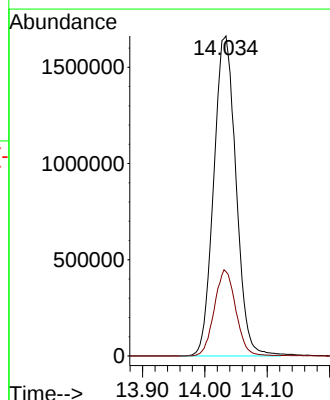
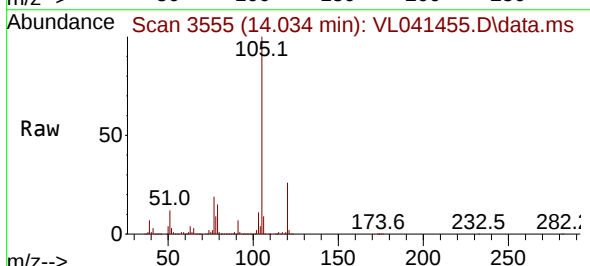
Acq: 31 Jul 2024 9:34

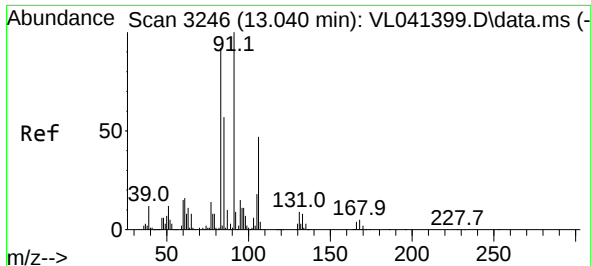
Tgt Ion:105 Resp: 4132204

Ion Ratio Lower Upper

105 100

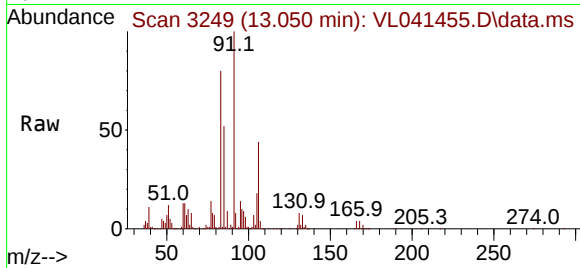
120 26.1 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.925 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

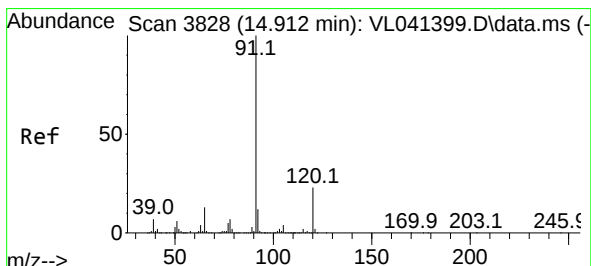
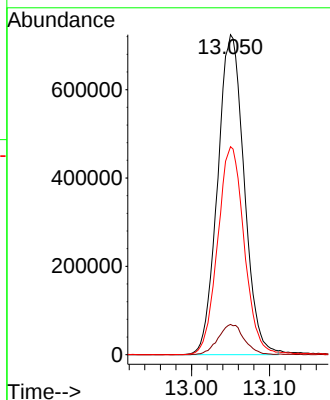
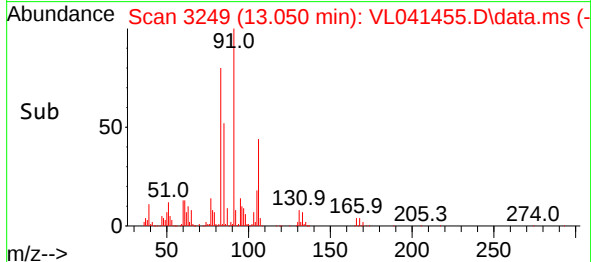
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



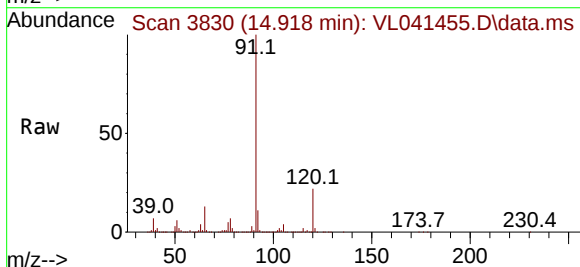
Tgt Ion: 83 Resp: 171307
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.9 32.6 98.0

Manual Integrations
APPROVED

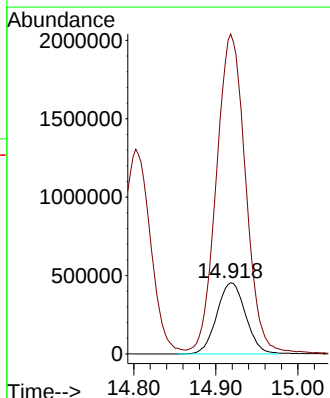
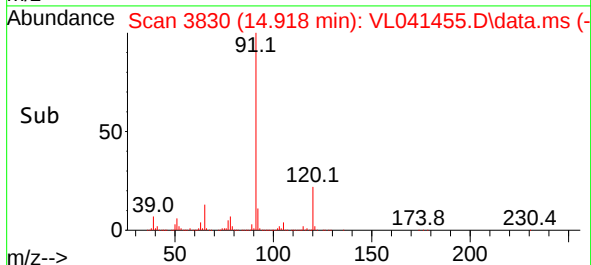
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

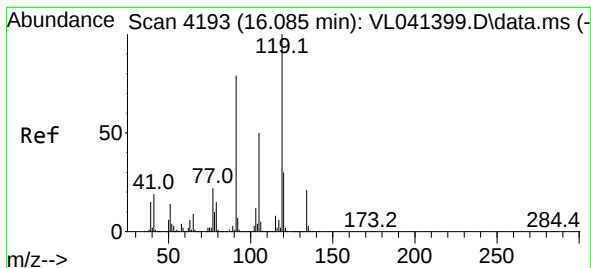


#64
n-propylbenzene
Concen: 10.184 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



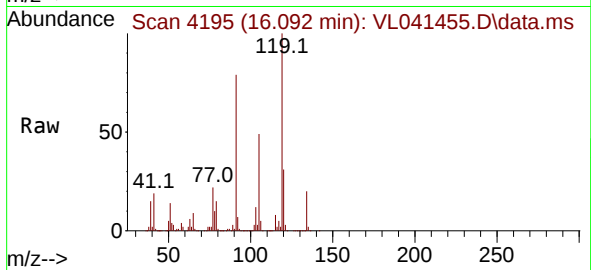
Tgt Ion:120 Resp: 1106286
Ion Ratio Lower Upper
120 100
91 460.5 361.4 542.0





#65
tert-Butylbenzene
Concen: 9.914 ppbv
RT: 16.092 min Scan# 4193
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

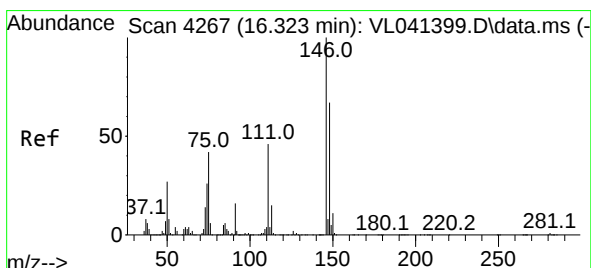
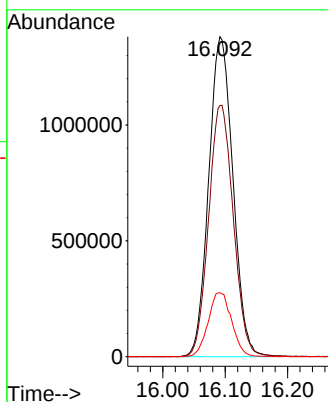
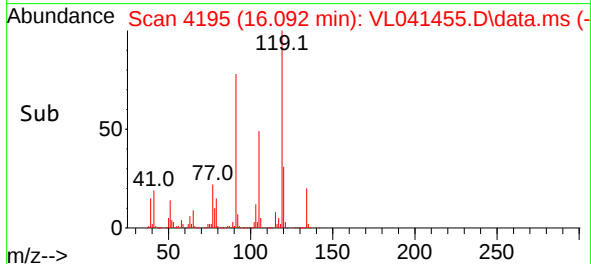
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion: 119 Resp: 3720840
Ion Ratio Lower Upper
119 100
91 80.3 64.2 96.2
134 19.4 15.7 23.5

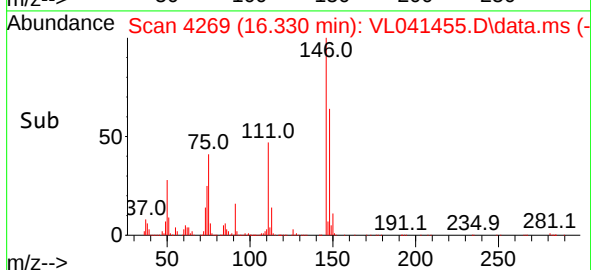
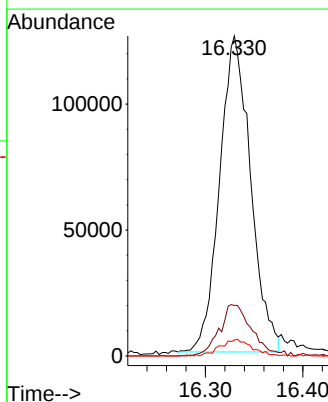
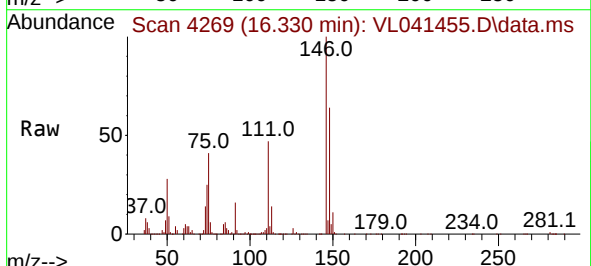
Manual Integrations
APPROVED

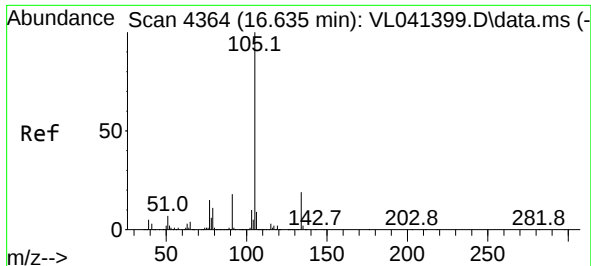
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#66
Benzyl Chloride
Concen: 11.508 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

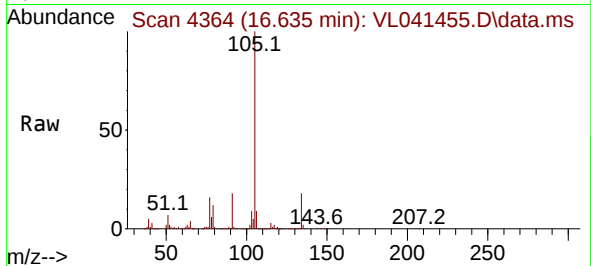
Tgt Ion: 91 Resp: 277028
Ion Ratio Lower Upper
91 100
126 17.4 13.8 20.8
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.037 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

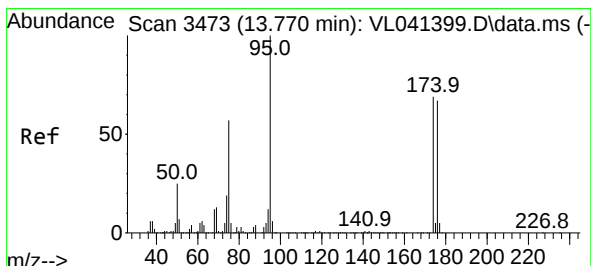
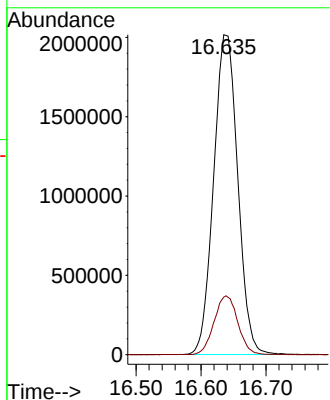
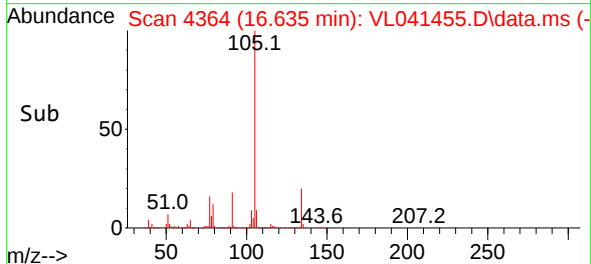
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



Tgt Ion:105 Resp: 5189938
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7

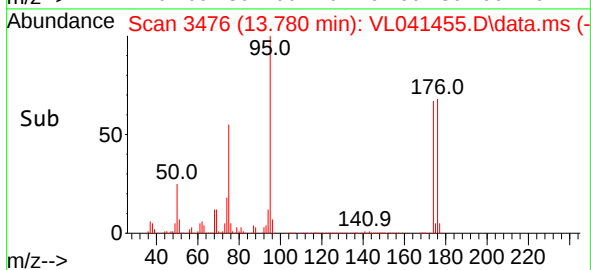
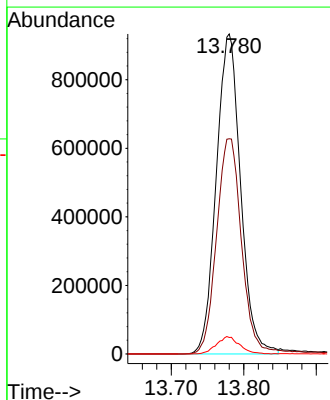
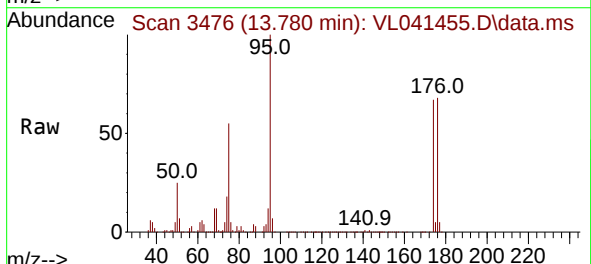
Manual Integrations
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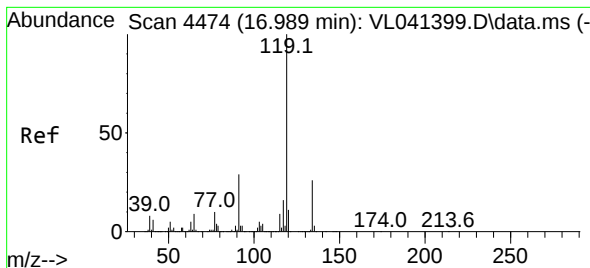
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.729 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

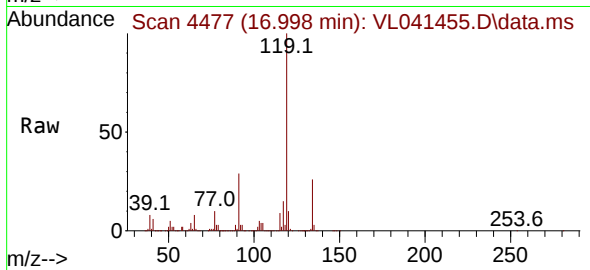
Tgt Ion: 95 Resp: 2174287
 Ion Ratio Lower Upper
 95 100
 174 70.1 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.188 ppbv
RT: 16.998 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

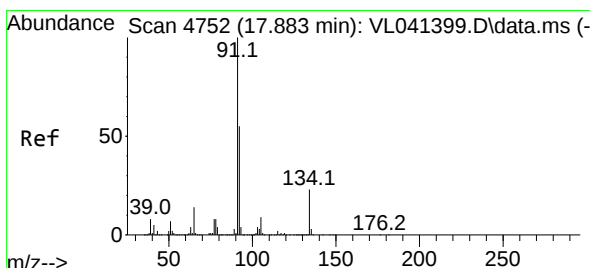
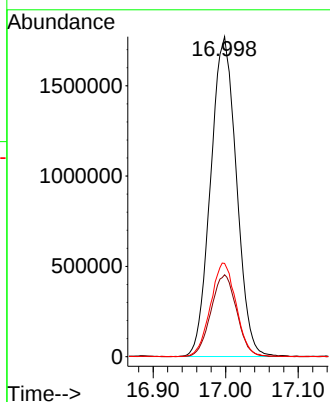
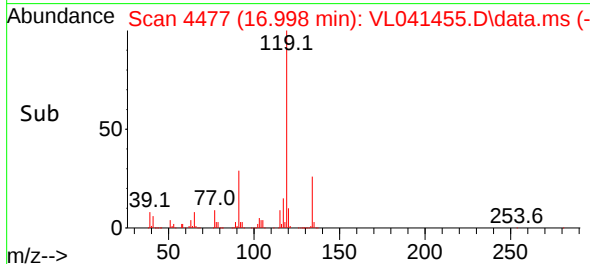
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



Tgt Ion:119 Resp: 4371550
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.0 23.2 34.8

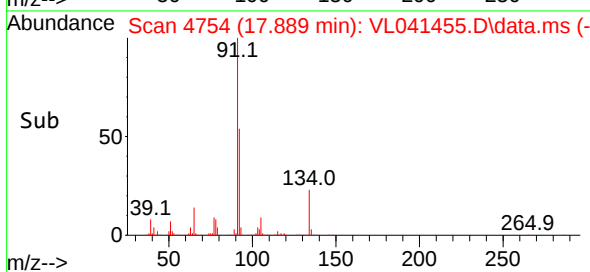
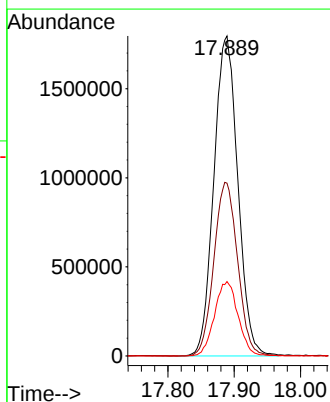
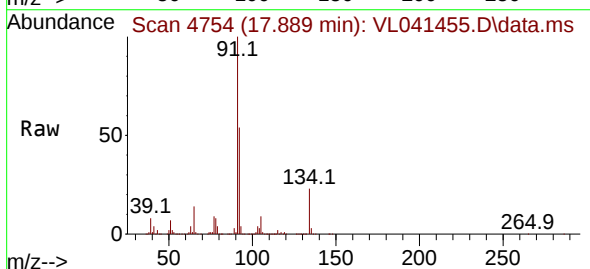
Manual Integrations
APPROVED

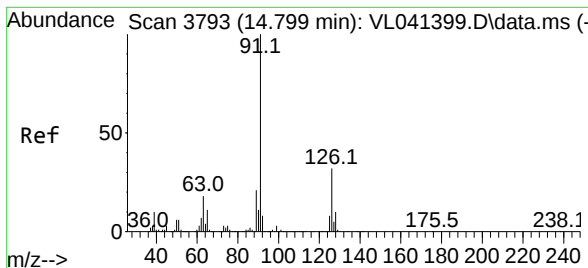
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#70
n-Butylbenzene
Concen: 10.230 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Tgt Ion: 91 Resp: 4500124
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.0 18.5 27.7





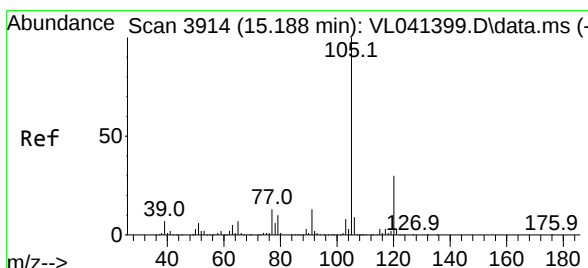
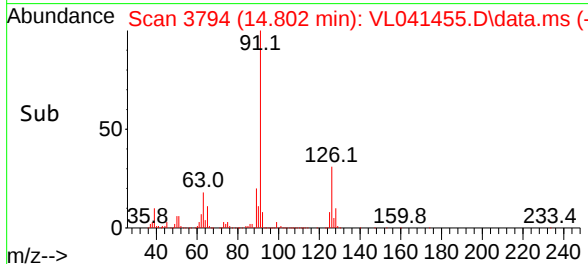
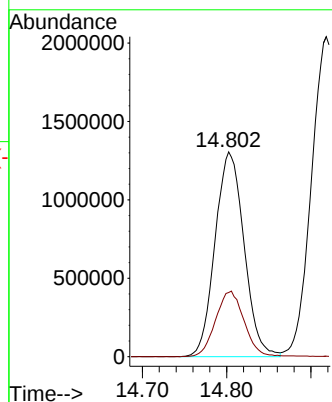
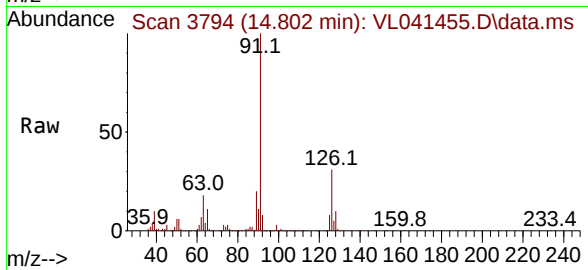
#71
2-Chlorotoluene
Concen: 10.174 ppbv
RT: 14.802 min Scan# 311762
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01

Tgt Ion: 91 Resp: 311762
Ion Ratio Lower Upper
91 100
126 31.8 12.7 50.9

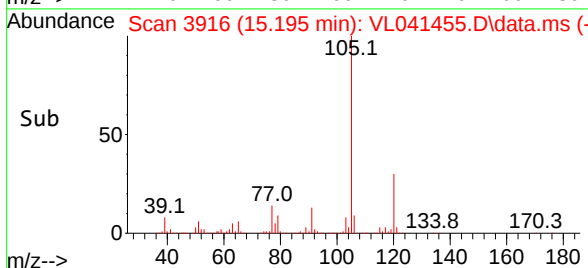
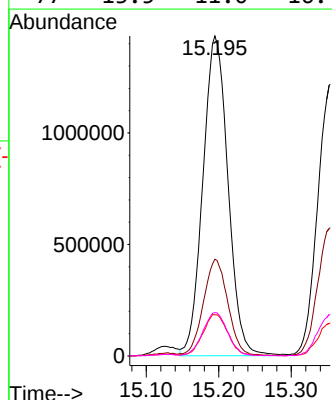
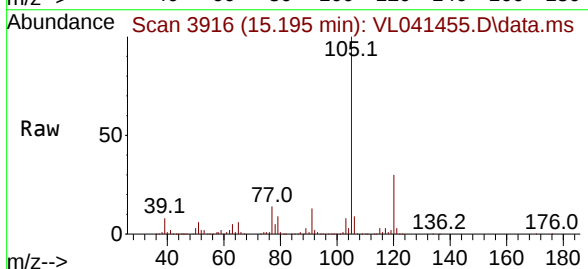
Manual Integrations
APPROVED

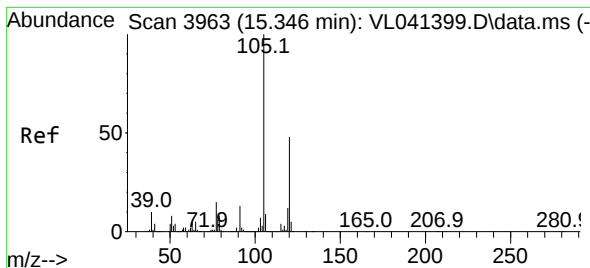
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#72
4-Ethyltoluene
Concen: 10.727 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

Tgt Ion:105 Resp: 3451741
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 13.0 10.4 15.6
77 13.5 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 10.596 ppbv

RT: 15.355 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:105 Resp: 2937329

Ion Ratio Lower Upper

105 100

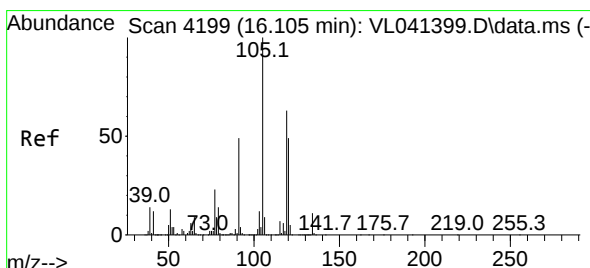
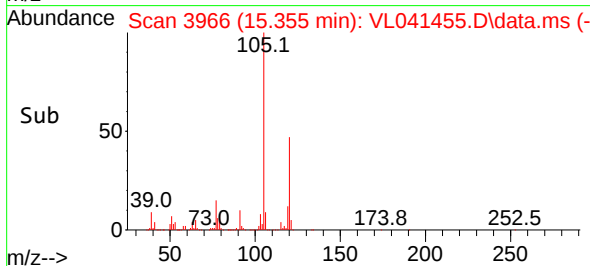
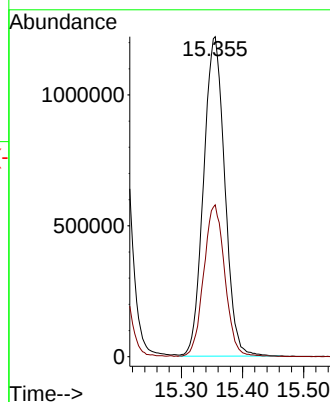
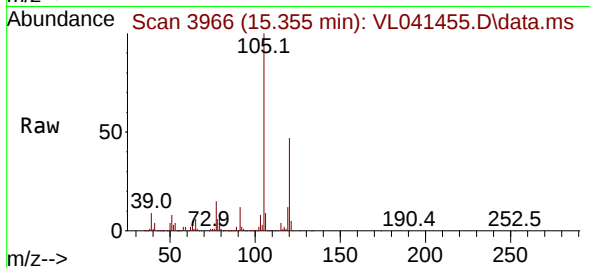
120 47.4 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.078 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. -0.006 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Tgt Ion:105 Resp: 3247969

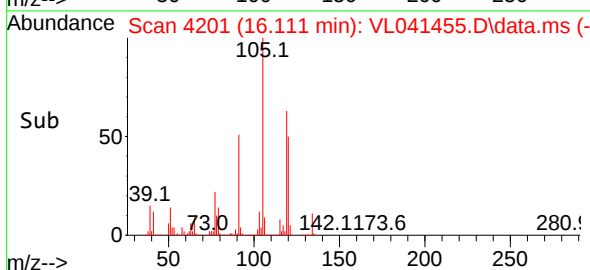
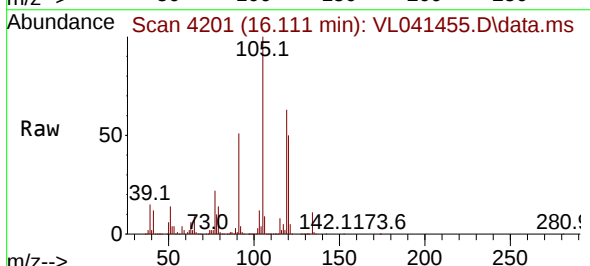
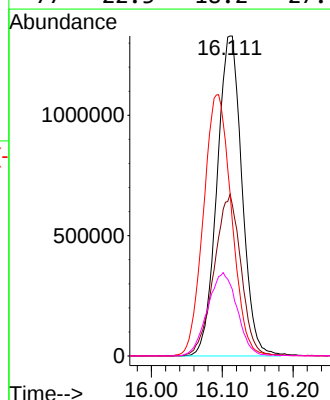
Ion Ratio Lower Upper

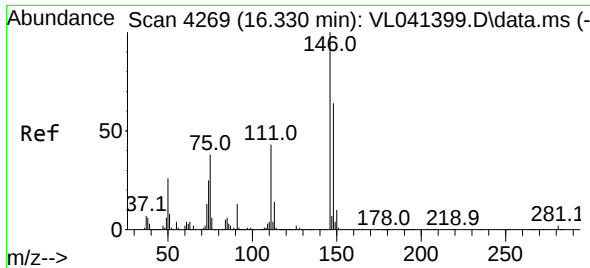
105 100

120 50.4 39.5 59.3

91 50.5 39.8 59.8

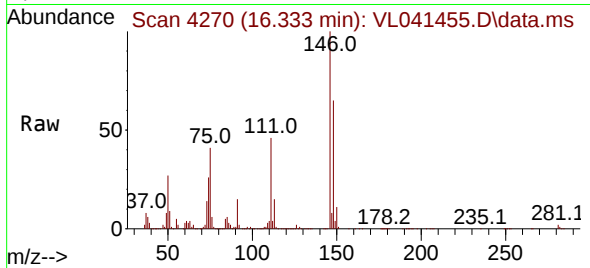
77 22.3 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.959 ppbv
RT: 16.333 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34

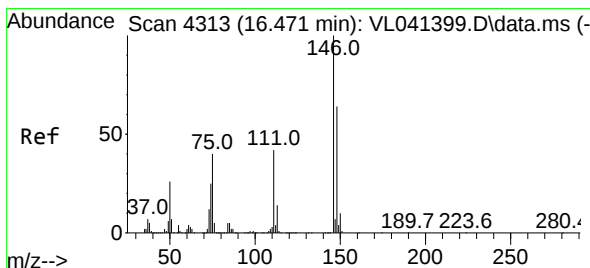
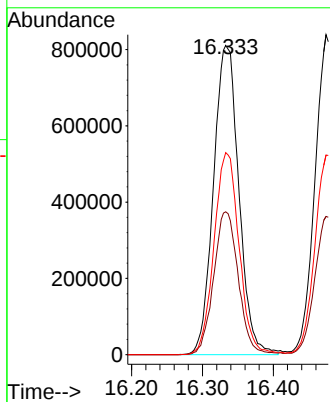
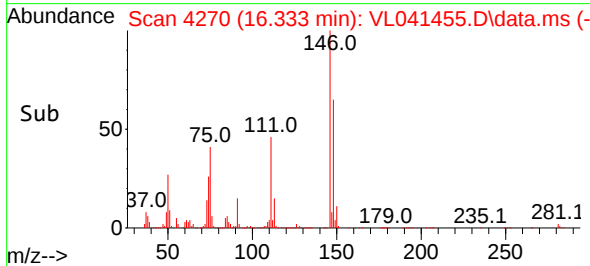
Instrument :
MSVOA_L
ClientSampleId :
VL0731ABS01



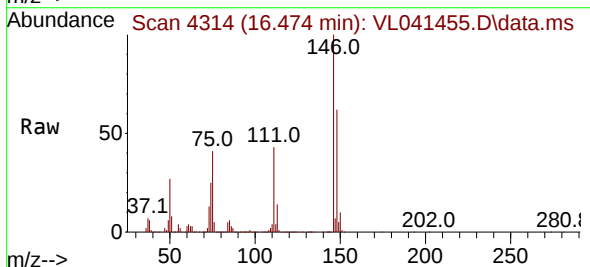
Tgt Ion:146 Resp: 2017560
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.8
148 64.6 32.3 96.8

Manual Integrations
APPROVED

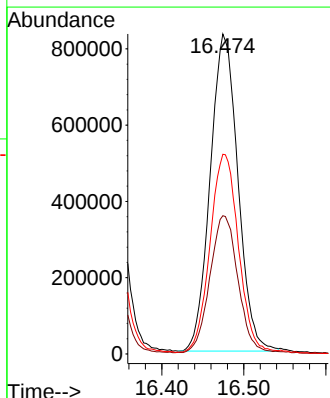
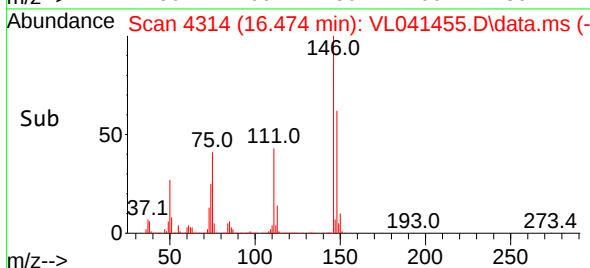
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

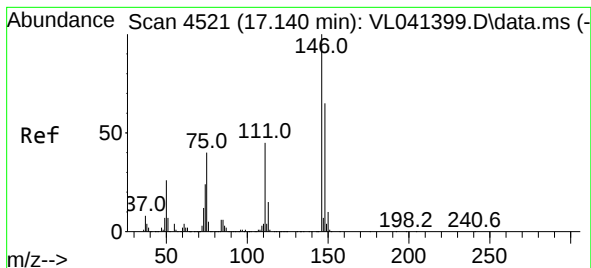


#76
1,4-Dichlorobenzene
Concen: 9.966 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.006 min
Lab File: VL041455.D
Acq: 31 Jul 2024 9:34



Tgt Ion:146 Resp: 1955046
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.0
148 65.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 9.753 ppbv

RT: 17.143 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01

Tgt Ion:146 Resp: 1958804

Ion Ratio Lower Upper

146 100

111 46.1 23.4 70.0

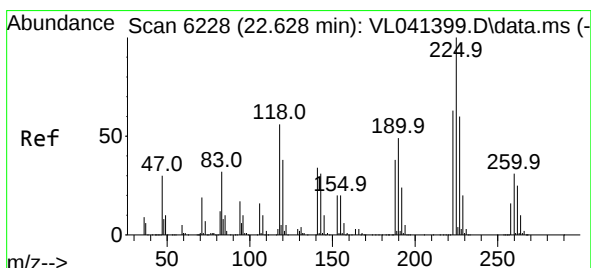
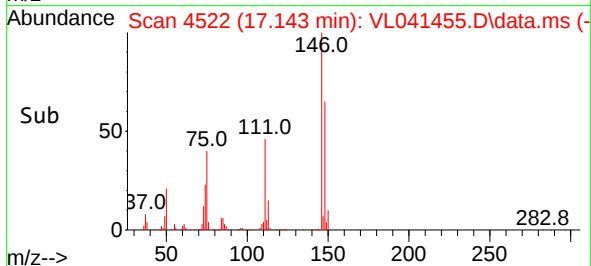
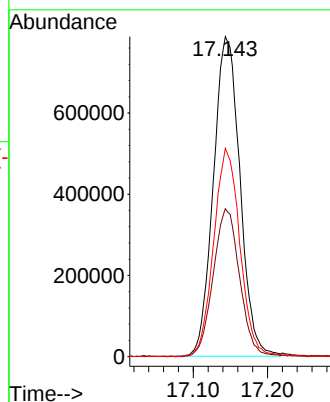
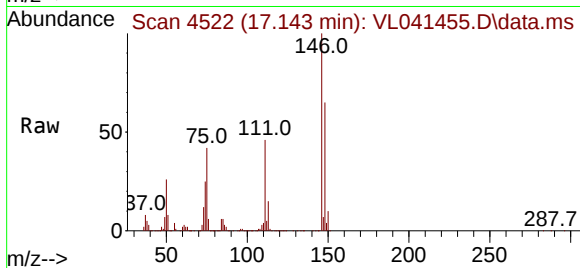
148 64.6 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.744 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.000 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

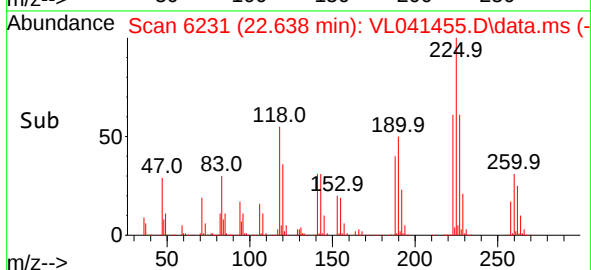
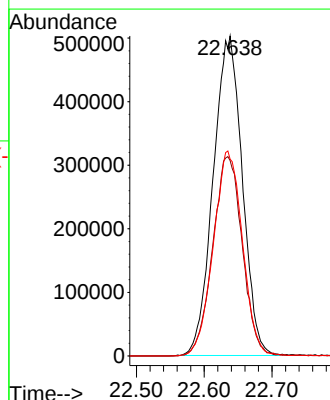
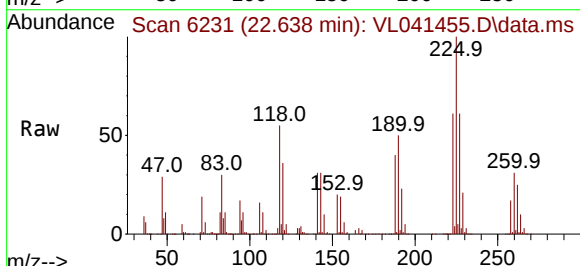
Tgt Ion:225 Resp: 1497597

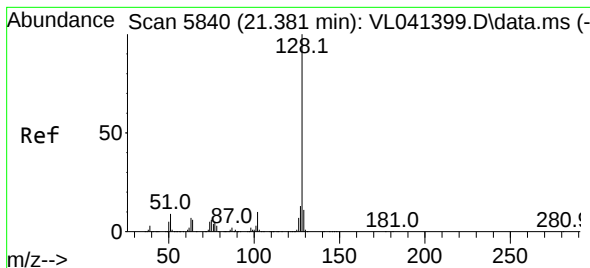
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

227 64.5 50.8 76.2





#79

Naphthalene

Concen: 11.834 ppbv

RT: 21.384 min Scan# 5840

Delta R.T. -0.006 min

Lab File: VL041455.D

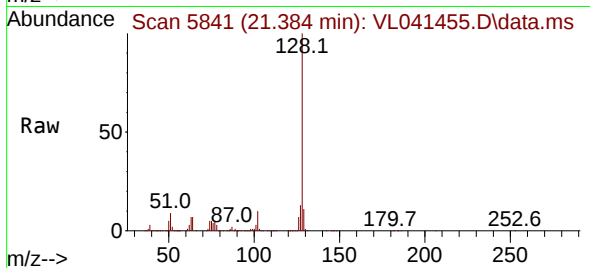
Acq: 31 Jul 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

VL0731ABS01



Tgt Ion:128 Resp: 3366519

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

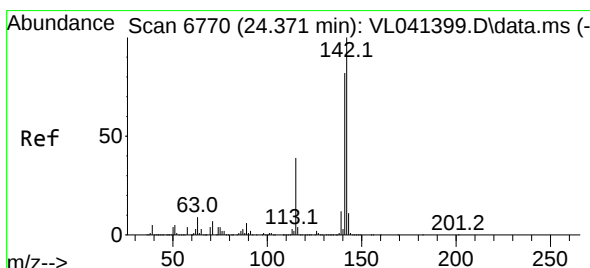
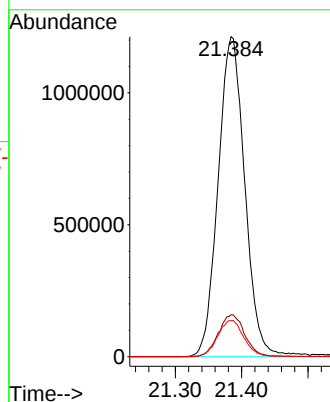
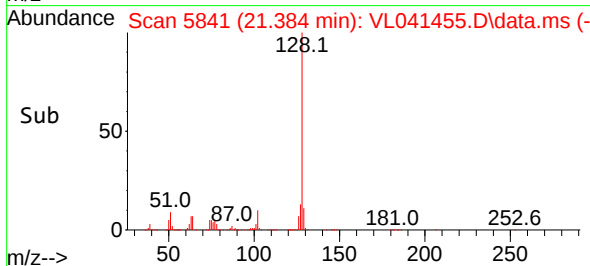
129 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#80

Naphthalene,2-methyl-

Concen: 12.764 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. -0.003 min

Lab File: VL041455.D

Acq: 31 Jul 2024 9:34

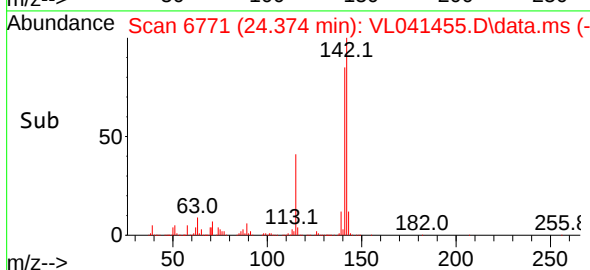
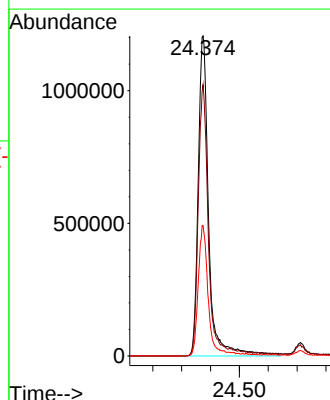
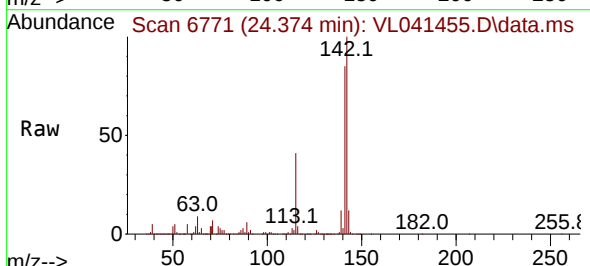
Tgt Ion:142 Resp: 3043521

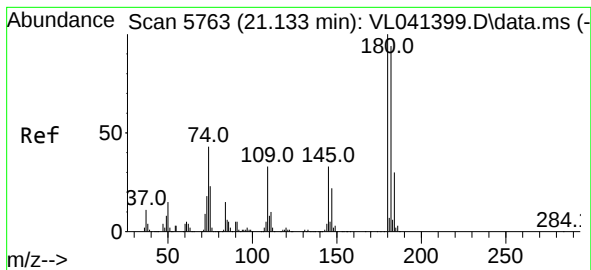
Ion Ratio Lower Upper

142 100

141 82.5 67.0 100.4

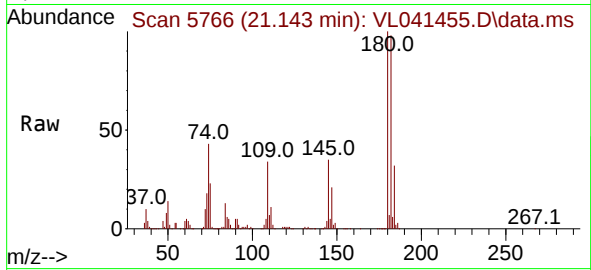
115 39.0 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.395 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041455.D
 Acq: 31 Jul 2024 9:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0731ABS01



Tgt Ion:180 Resp: 175973

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.7	115.1
184	31.3	24.5	36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

