

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041494.D
 Acq On : 5 Aug 2024 9:45
 Operator : SY/MD
 Sample : VL0805ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0805ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:35:36 2024

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 : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	975401	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2709541	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2704015m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1939750 9.322 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	1205544	7.184	ppbv	98
3) Chlorodifluoromethane	2.684	51	1216281	10.475	ppbv	99
4) Chloromethane	2.822	50	644679	10.438	ppbv	100
5) Vinyl Chloride	2.928	62	638568	10.490	ppbv	99
6) Bromomethane	3.124	94	326179	10.425	ppbv	100
7) Chloroethane	3.205	64	226742	10.793	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1554354	10.454	ppbv	99
9) Propene	2.703	41	563641	10.567	ppbv	98
10) Heptane	7.577	43	1395814	11.646	ppbv	99
11) Trichlorofluoromethane	3.568	101	1549651	10.399	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1115647	10.396	ppbv	99
13) Ethanol	3.250	45	41810m	8.770	ppbv	
14) Bromoethene	3.372	108	467969	11.186	ppbv	99
15) Acetone	3.475	43	1177760	10.627	ppbv	99
16) 1,3-Butadiene	2.992	39	645155	10.896	ppbv	100
17) tert-Butyl alcohol	3.880	59	1165834	11.534	ppbv	100
18) 1,1-Dichloroethene	3.886	96	510260	11.116	ppbv	94
19) Isopropyl Alcohol	3.581	45	734570	11.337	ppbv #	98
20) Methylene Chloride	3.938	84	415272	10.048	ppbv	97
21) Allyl Chloride	3.999	41	798833	10.991	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	502458	10.947	ppbv	97
23) Vinyl Acetate	4.629	43	1028812	12.155	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1083066	10.868	ppbv	100
25) Ethyl Acetate	5.205	43	2473886	11.236	ppbv	99
26) Hexane	5.214	57	1020558	11.174	ppbv	99
27) Carbon Disulfide	4.127	76	1220813	11.426	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	625556	10.861	ppbv	99
29) Chloroform	5.275	83	1599129	10.734	ppbv	98
30) Cyclohexane	6.600	84	875179	11.767	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1010018	11.194	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1573441	10.850	ppbv	99
34) 2-Butanone	4.787	43	1456777	11.115	ppbv	99
35) Carbon Tetrachloride	6.494	117	1642762	10.992	ppbv	99
36) Benzene	6.372	78	2172403	10.972	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1216251	10.976	ppbv	99
38) Trichloroethene	7.291	130	983640	10.845	ppbv	98
39) 1,2-Dichloropropane	7.073	63	839633	11.077	ppbv	98
40) 1,4-Dioxane	7.285	88	349724	11.485	ppbv	93
41) Tetrahydrofuran	5.558	42	878533	11.719	ppbv	99
42) Bromodichloromethane	7.250	83	1750813	10.942	ppbv	99
43) Methyl Methacrylate	7.475	69	876343	12.343	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3660923	11.071	ppbv	100
45) t-1,3-Dichloropropene	8.712	75	881917	13.496	ppbv	94

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Quant Time: Aug 06 01:35:36 2024

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

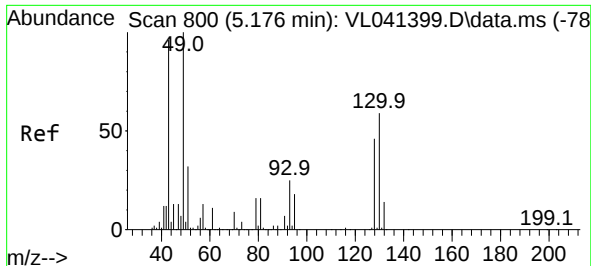
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

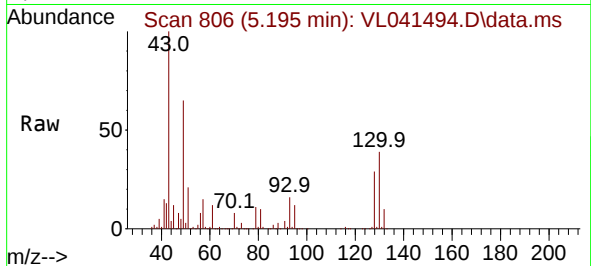
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1176596	12.469	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	917081	10.976	ppbv	97
48) Dibromochloromethane	9.709	129	1515958	11.263	ppbv	100
49) Bromoform	12.404	173	1316636	11.580	ppbv	98
50) 4-Methyl-2-Pentanone	8.179	43	2434750	11.774	ppbv	100
51) 2-Hexanone	9.548	43	1991523	12.736	ppbv #	100
52) Tetrachloroethene	10.616	164	835405	10.920	ppbv	98
53) Toluene	9.220	91	2555613	11.589	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1314243	11.818	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1112981	10.613	ppbv #	58
57) Chlorobenzene	11.526	112	1988133	10.327	ppbv	99
58) Ethyl Benzene	12.085	91	3448476	11.065	ppbv	98
59) m/p-Xylene	12.368	91	5867432m	21.808	ppbv	
60) o-Xylene	13.056	91	2811507	11.047	ppbv	100
61) Styrene	12.896	104	1402971	12.219	ppbv	98
62) Isopropylbenzene	14.027	105	4090508	10.572	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1679168	10.448	ppbv	99
64) n-propylbenzene	14.915	120	1070699	10.585	ppbv	92
65) tert-Butylbenzene	16.088	119	3675495	10.517	ppbv	100
66) Benzyl Chloride	16.326	91	286045	12.761	ppbv	99
67) sec-Butylbenzene	16.632	105	5130808	10.656	ppbv	100
69) p-Isopropyltoluene	16.989	119	4337847	10.857	ppbv	100
70) n-Butylbenzene	17.883	91	4480169	10.938	ppbv	100
71) 2-Chlorotoluene	14.799	91	3046529	10.677	ppbv	98
72) 4-Ethyltoluene	15.191	105	3408854	11.377	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2863014	11.091	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	3216640	10.718	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	1999126	10.597	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1927662	10.553	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1951426	10.435	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1503067	9.425	ppbv	100
79) Naphthalene	21.378	128	3318120	12.527	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	2904357	13.080	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1745663	11.074	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

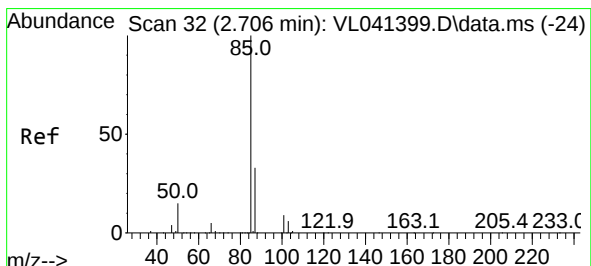
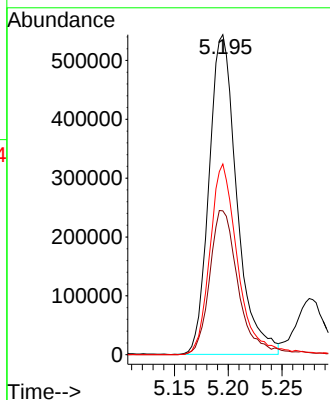
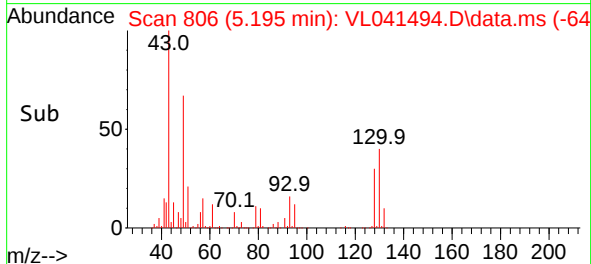
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion: 49 Resp: 97540
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 60.9 30.8 92.4

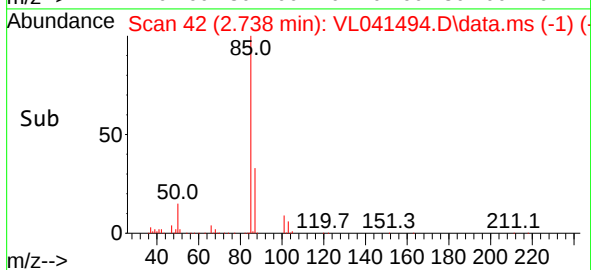
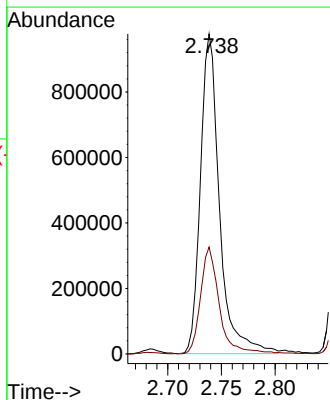
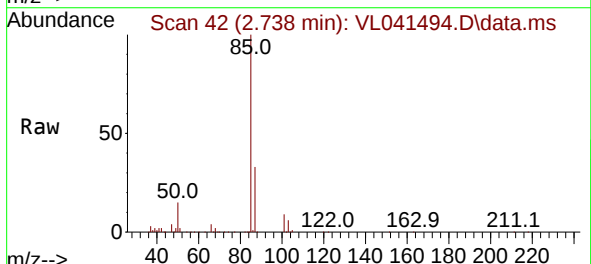
Manual Integrations
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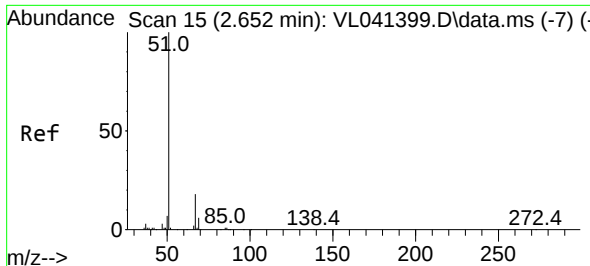
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 7.184 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 85 Resp: 1205544
Ion Ratio Lower Upper
85 100
87 33.4 26.0 39.0





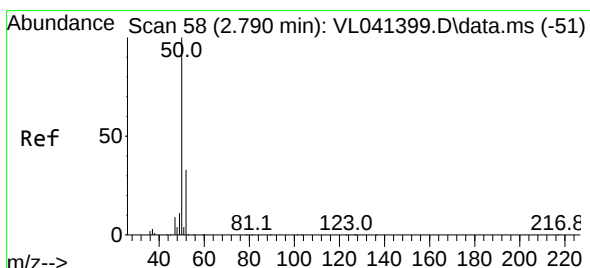
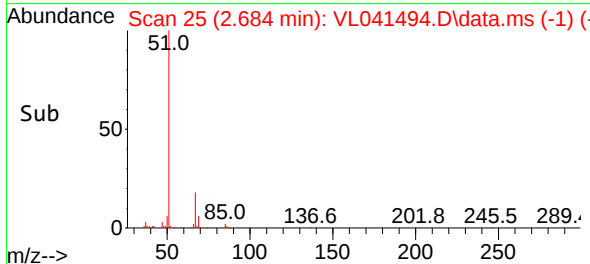
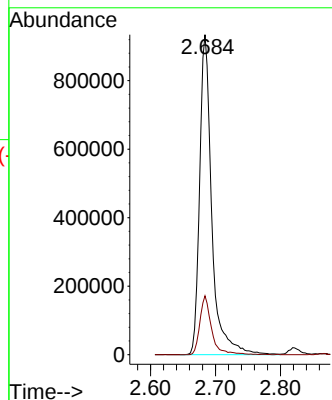
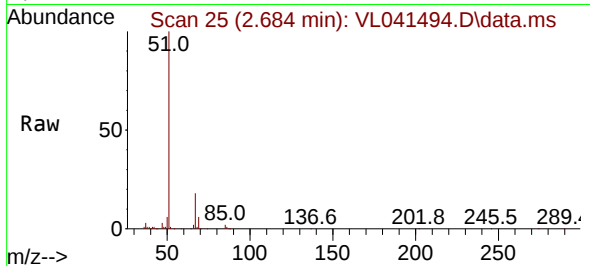
#3
Chlorodifluoromethane
Concen: 10.475 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 51 Resp: 121628
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7

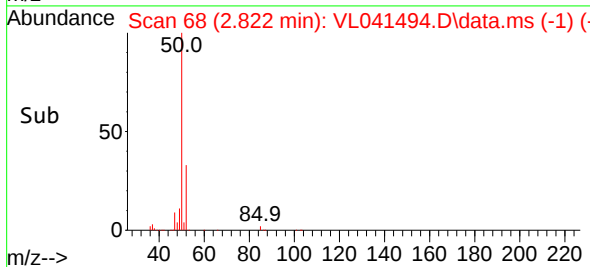
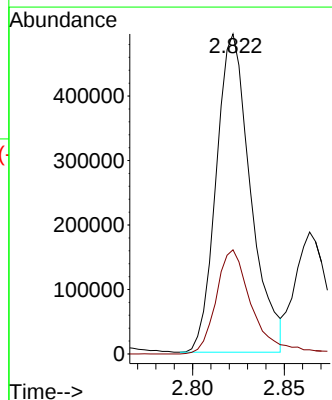
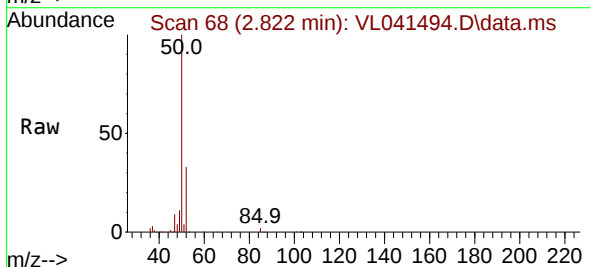
Manual Integrations
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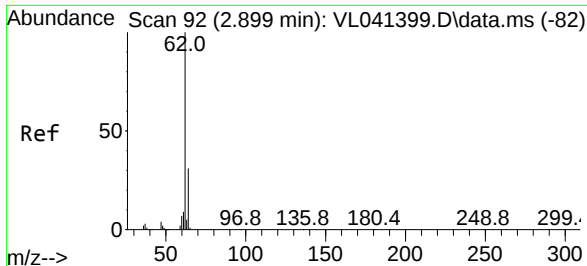
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 10.438 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

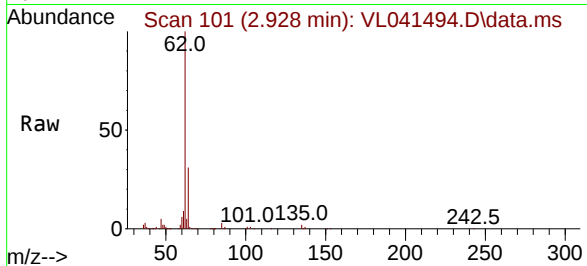
Tgt Ion: 50 Resp: 644679
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.490 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.006 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

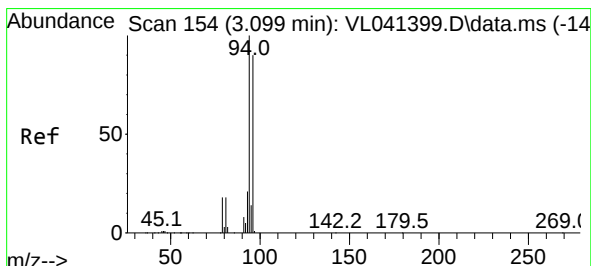
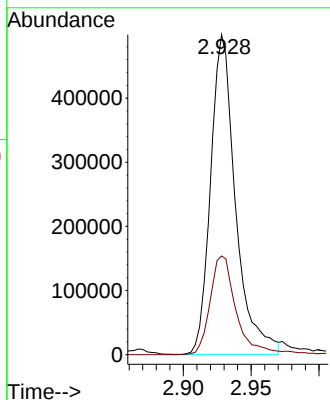
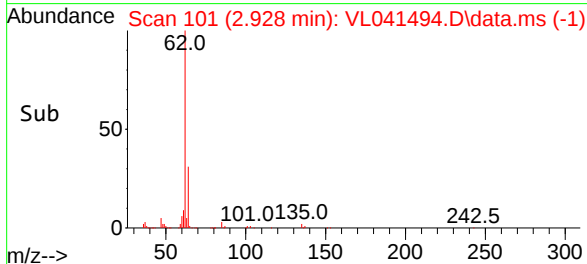
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0805ABS01



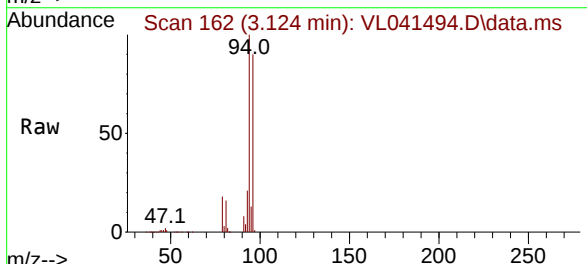
Tgt Ion: 62 Resp: 63856
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.0 37.4

Manual Integrations
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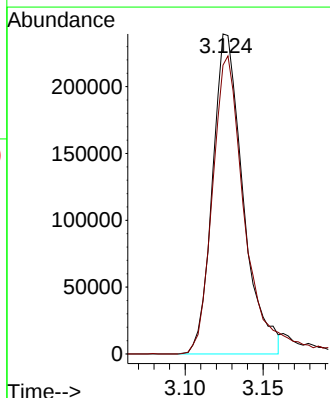
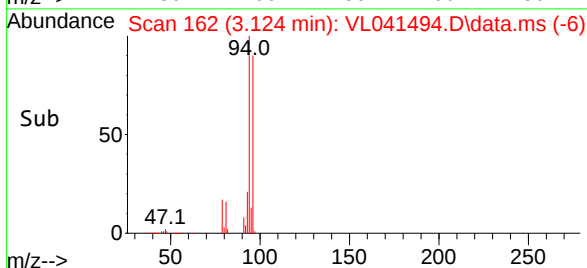
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

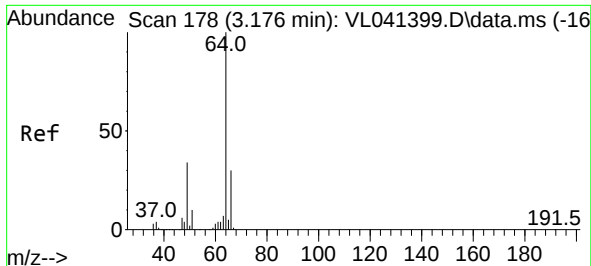


#6
 Bromomethane
 Concen: 10.425 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45



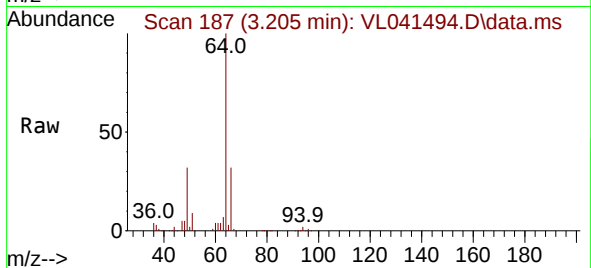
Tgt Ion: 94 Resp: 326179
 Ion Ratio Lower Upper
 94 100
 96 90.2 72.3 108.5





#7
Chloroethane
Concen: 10.793 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

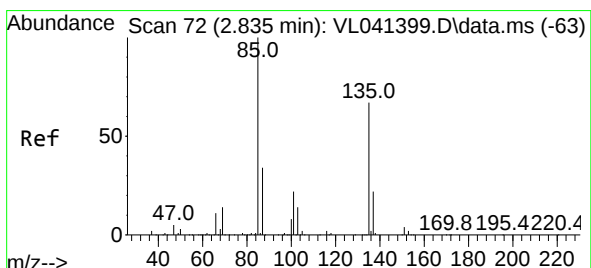
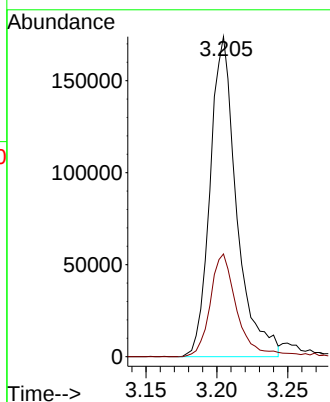
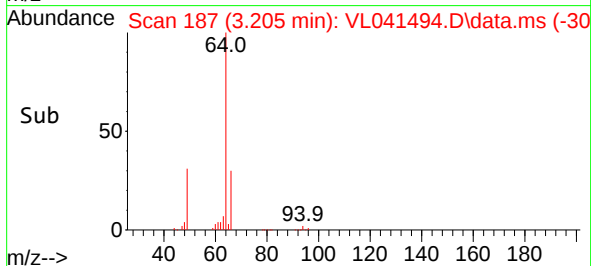
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion: 64 Resp: 22674
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.2

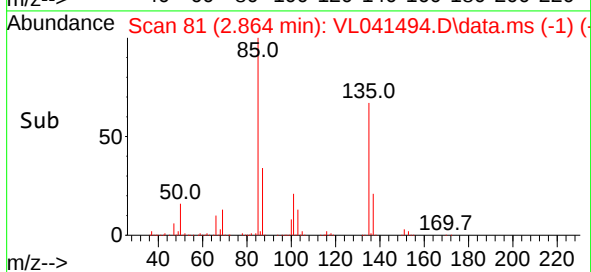
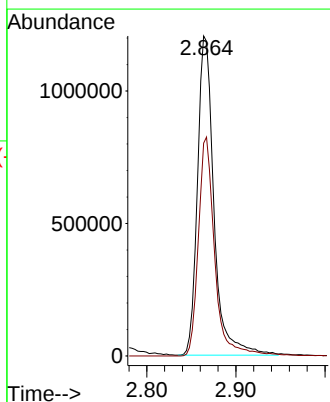
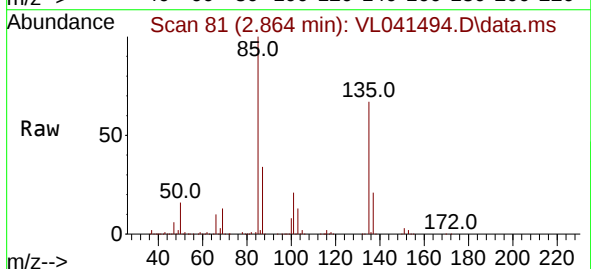
Manual Integrations
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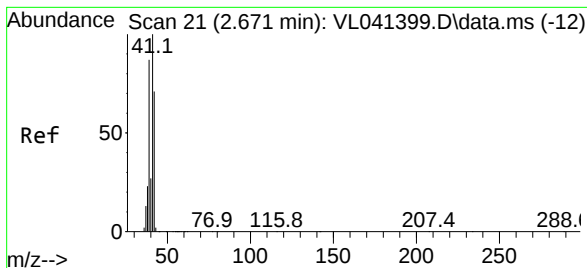
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 10.454 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 85 Resp: 1554354
Ion Ratio Lower Upper
85 100
135 68.3 55.4 83.0





#9

Propene

Concen: 10.567 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 41 Resp: 56364

Ion Ratio Lower Upper

41 100

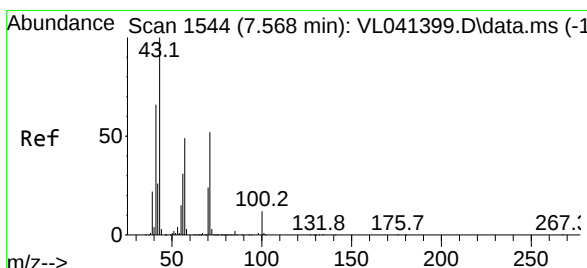
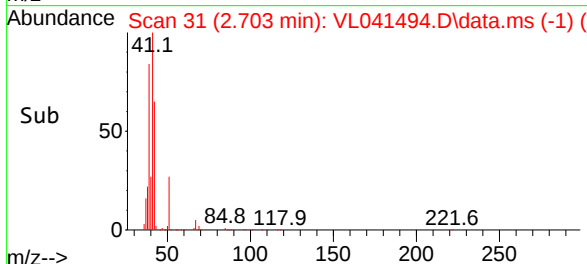
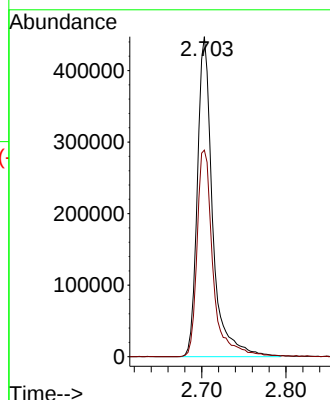
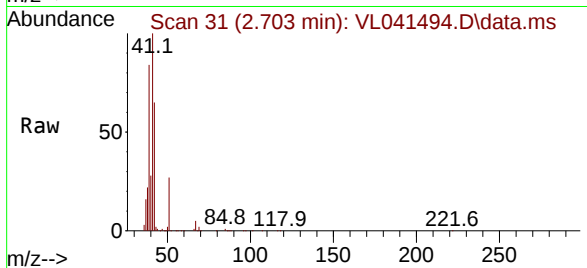
42 68.0 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#10

Heptane

Concen: 11.646 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.003 min

Lab File: VL041494.D

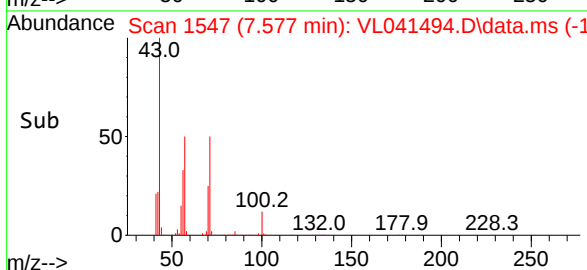
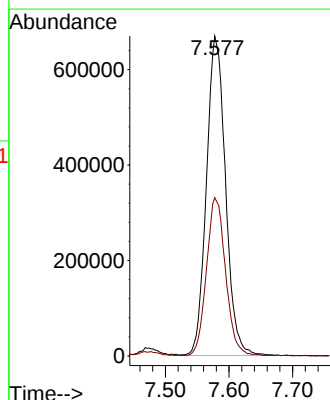
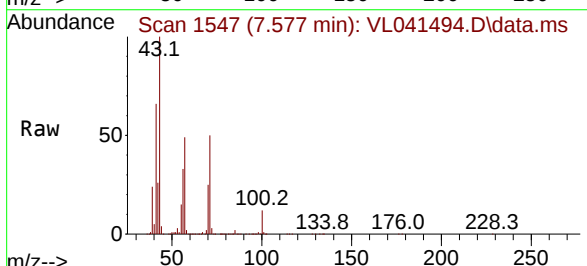
Acq: 5 Aug 2024 9:45

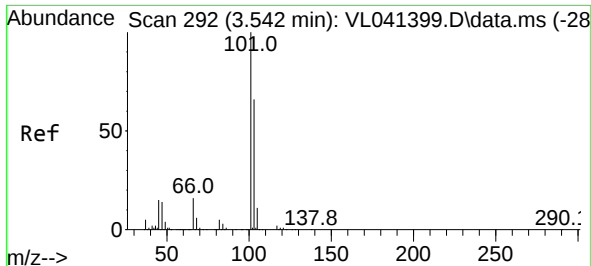
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Ion Ratio Lower Upper

43 100

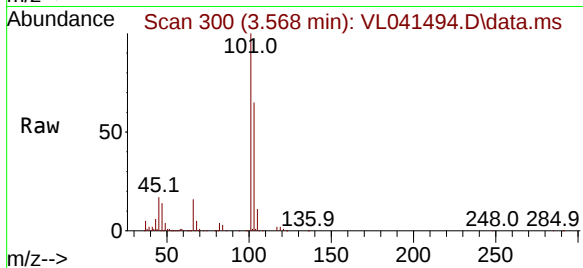
57 50.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.399 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

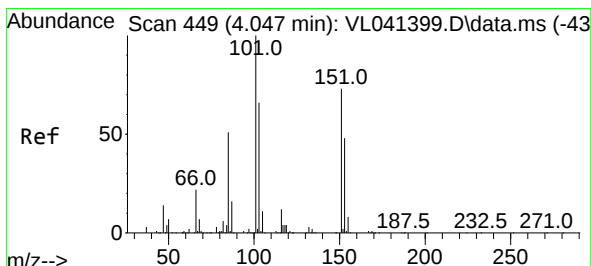
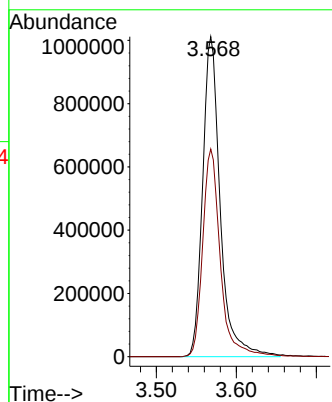
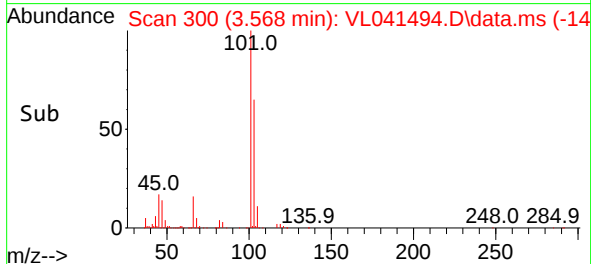
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



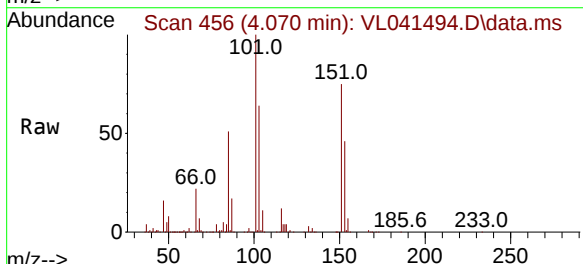
Tgt Ion:101 Resp: 154965
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

Manual Integrations
APPROVED

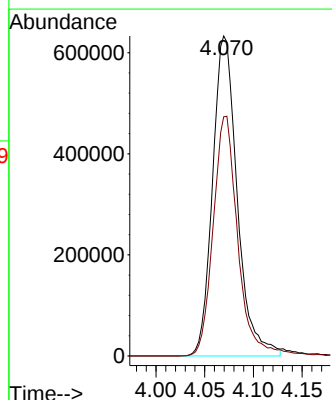
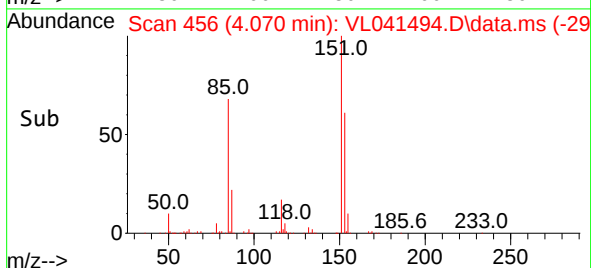
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

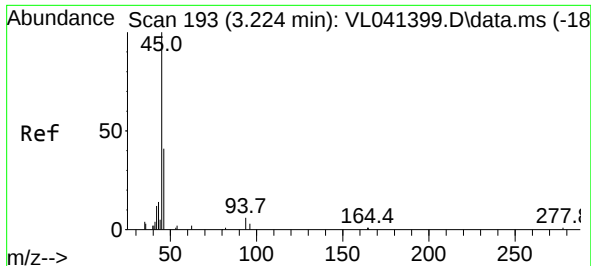


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.396 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



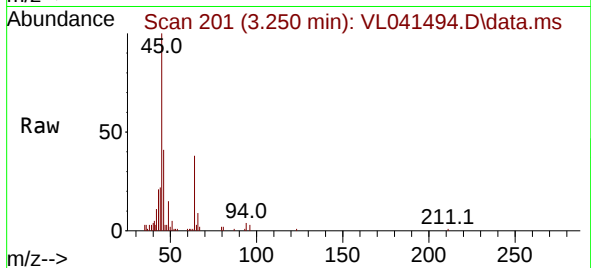
Tgt Ion:101 Resp: 1115647
Ion Ratio Lower Upper
101 100
151 75.4 59.4 89.2





#13
Ethanol
Concen: 8.770 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

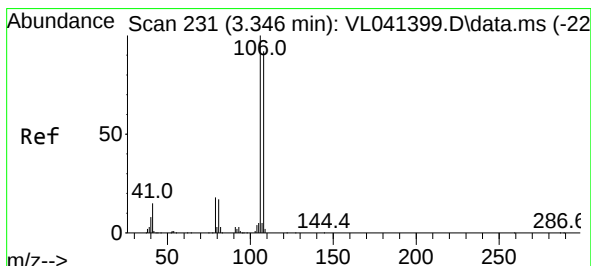
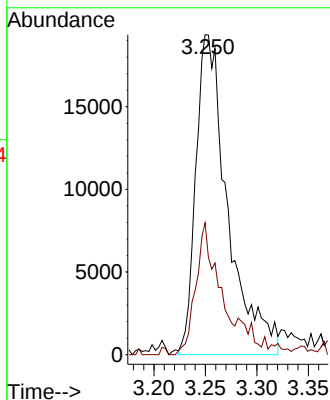
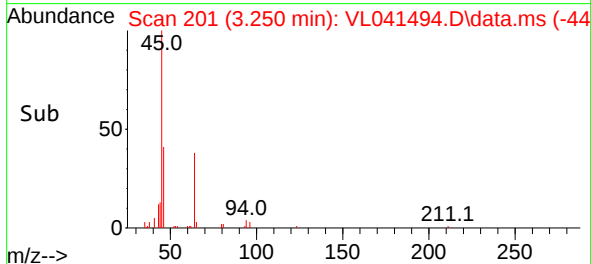
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



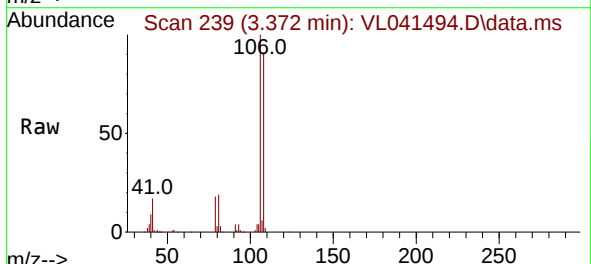
Tgt Ion: 45 Resp: 41810
Ion Ratio Lower Upper
45 100
46 36.7 13.4 53.4

Manual Integrations
APPROVED

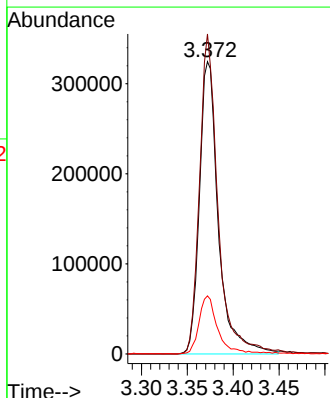
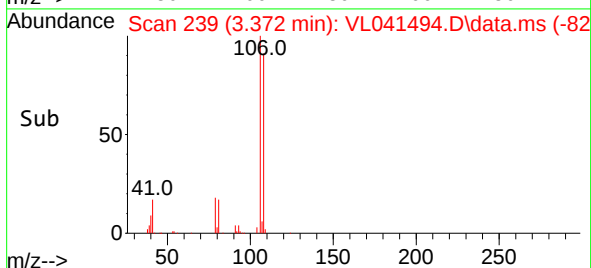
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

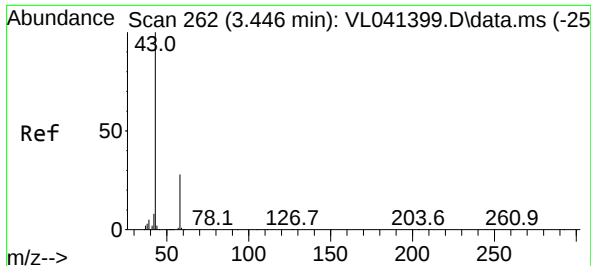


#14
Bromoethene
Concen: 11.186 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



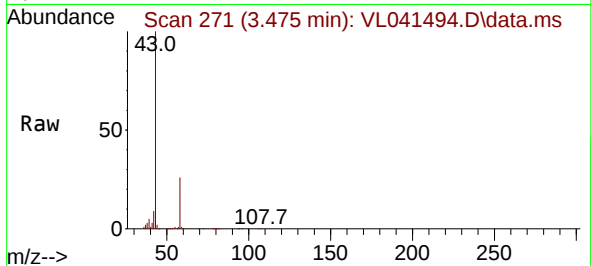
Tgt Ion:108 Resp: 467969
Ion Ratio Lower Upper
108 100
106 107.2 86.9 130.3
79 20.2 16.2 24.4





#15
Acetone
Concen: 10.627 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

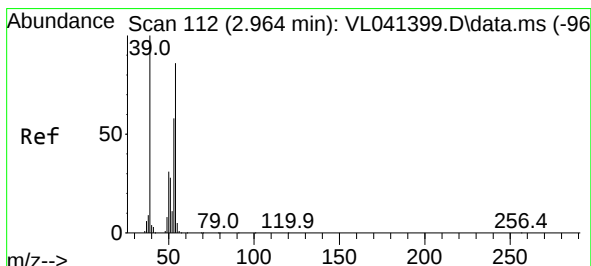
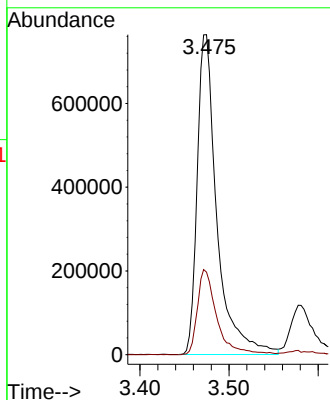
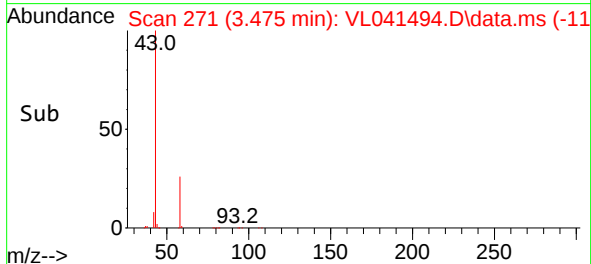
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



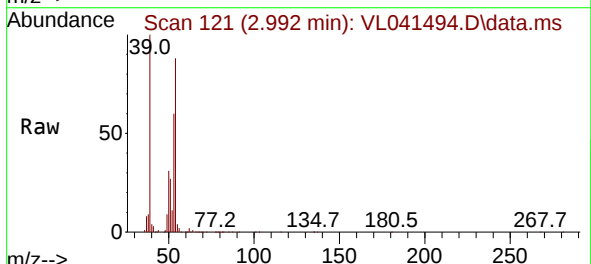
Tgt Ion: 43 Resp: 1177760
Ion Ratio Lower Upper
43 100
58 26.2 21.4 32.2

Manual Integrations
APPROVED

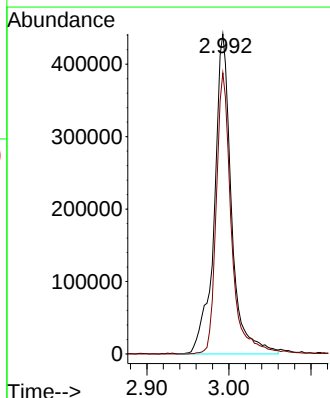
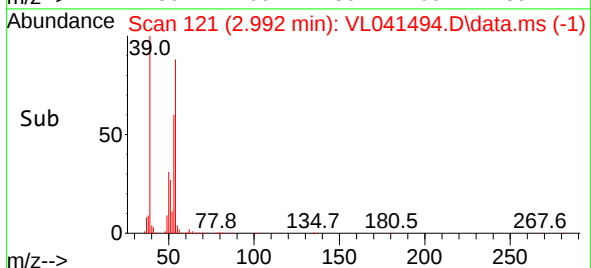
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

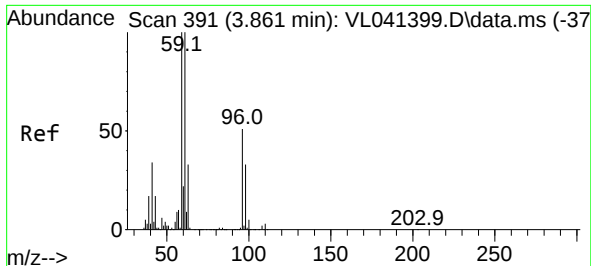


#16
1,3-Butadiene
Concen: 10.896 ppbv
RT: 2.992 min Scan# 121
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion: 39 Resp: 645155
Ion Ratio Lower Upper
39 100
54 77.9 62.5 93.7





#17

tert-Butyl alcohol

Concen: 11.534 ppbv

RT: 3.880 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 59 Resp: 1165834

Ion Ratio Lower Upper

59 100

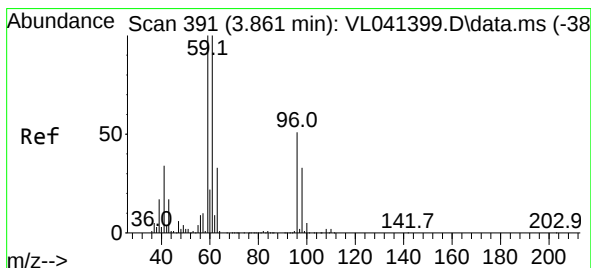
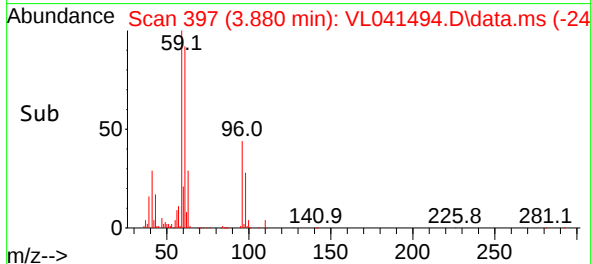
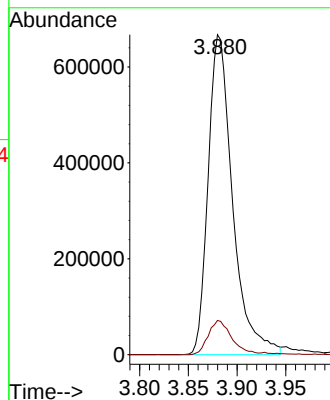
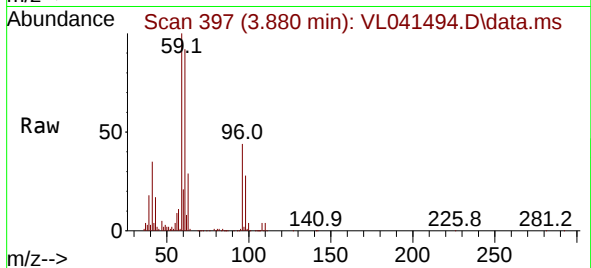
57 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#18

1,1-Dichloroethene

Concen: 11.116 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

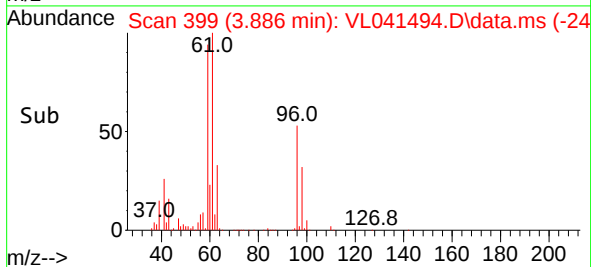
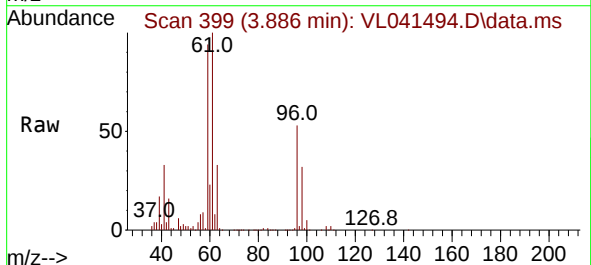
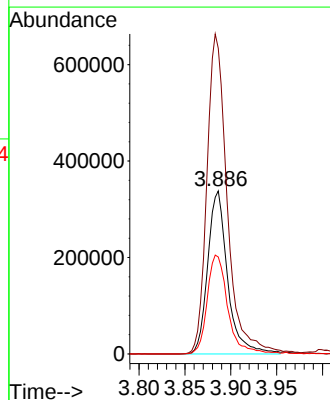
Tgt Ion: 96 Resp: 510260

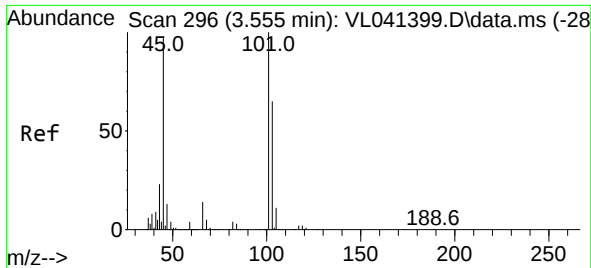
Ion Ratio Lower Upper

96 100

61 187.5 157.5 236.3

98 59.4 51.2 76.8





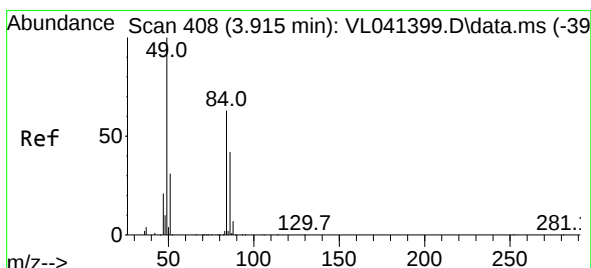
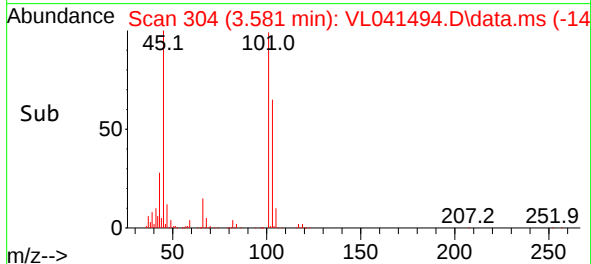
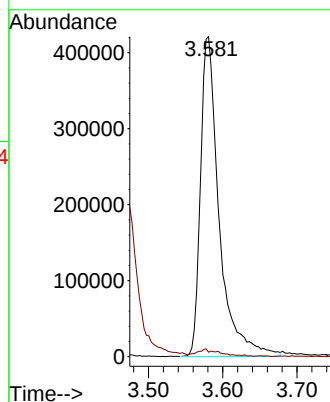
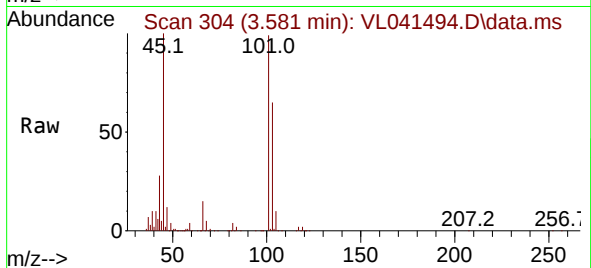
#19
Isopropyl Alcohol
Concen: 11.337 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 45 Resp: 734570
Ion Ratio Lower Upper
45 100
58 3.0 1.9 2.9

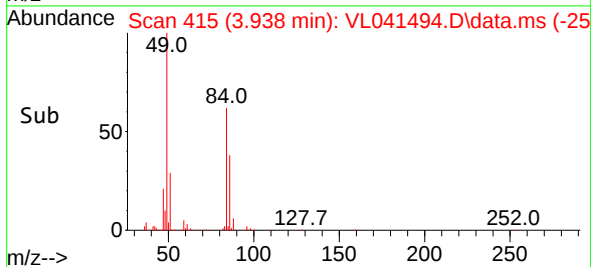
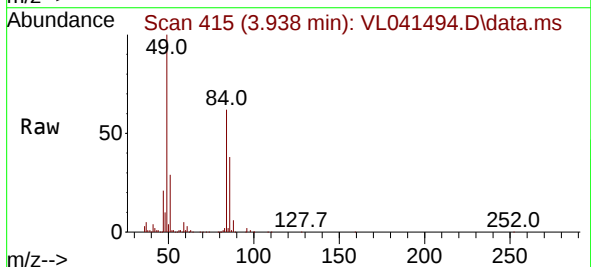
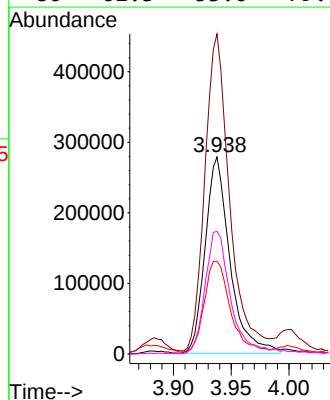
Manual Integrations
APPROVED

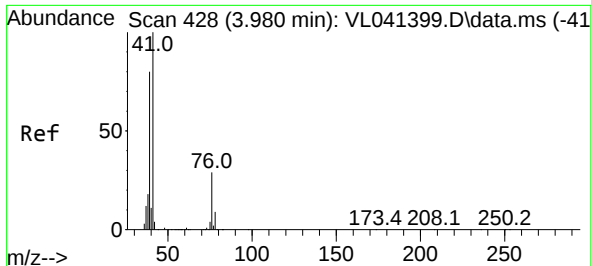
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#20
Methylene Chloride
Concen: 10.048 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 84 Resp: 415272
Ion Ratio Lower Upper
84 100
49 161.5 126.6 190.0
51 46.3 38.6 58.0
86 62.3 53.0 79.4





#21

Allyl Chloride

Concen: 10.991 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 41 Resp: 79883

Ion Ratio Lower Upper

41 100

76 29.8 23.7 35.5

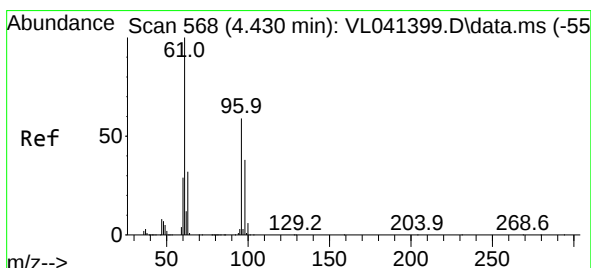
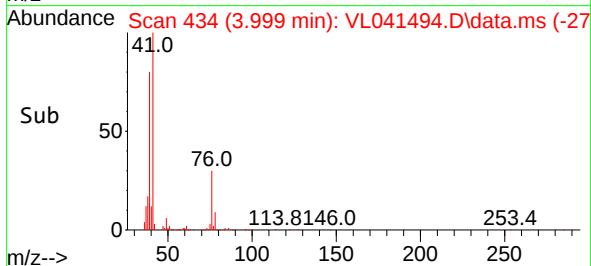
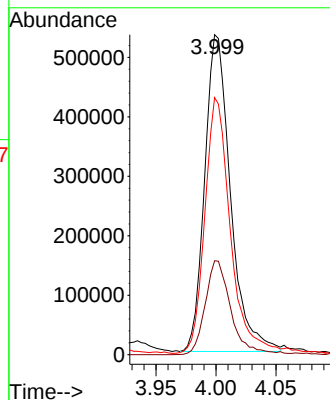
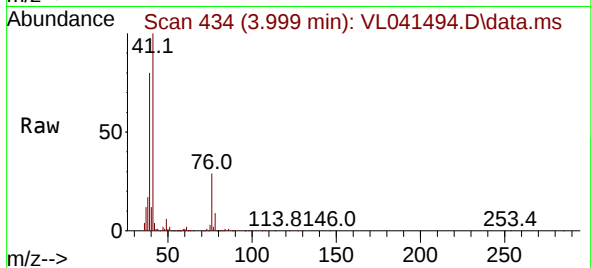
39 81.1 64.3 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#22

trans-1,2-Dichloroethene

Concen: 10.947 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

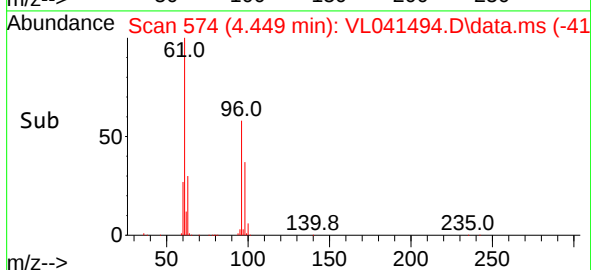
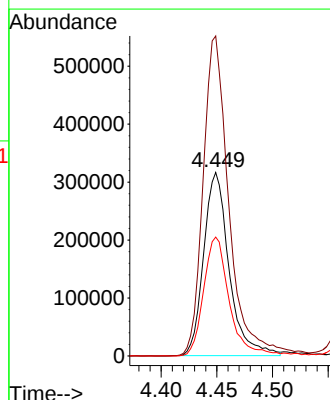
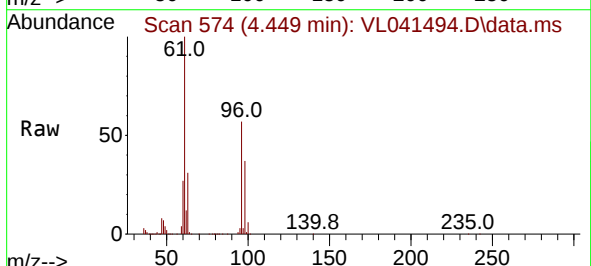
Tgt Ion: 96 Resp: 502458

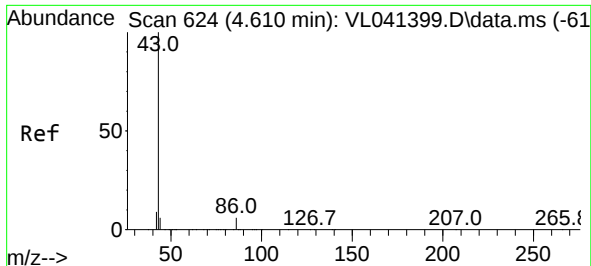
Ion Ratio Lower Upper

96 100

61 174.1 135.4 203.2

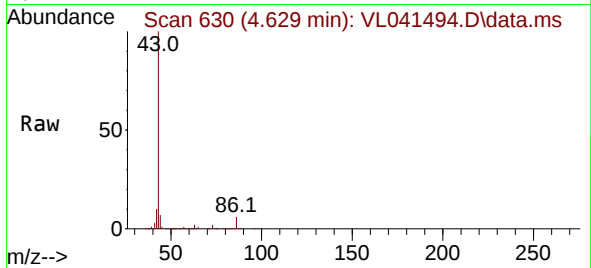
98 64.8 51.0 76.4





#23
 Vinyl Acetate
 Concen: 12.155 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

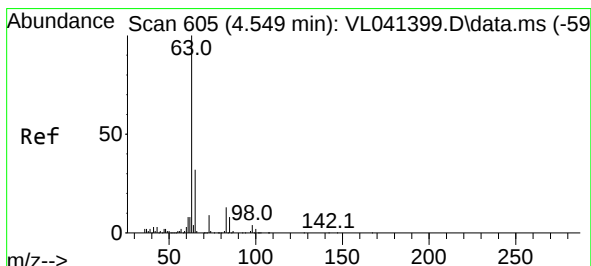
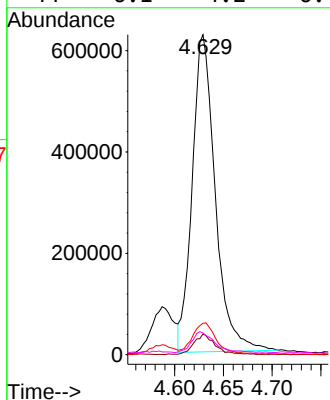
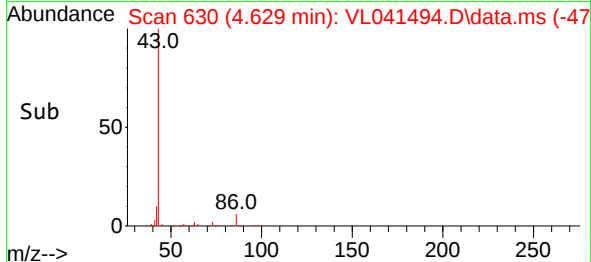
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0805ABS01



Tgt Ion: 43 Resp: 1028812
 Ion Ratio Lower Upper
 43 100
 86 6.5 4.6 6.8
 42 9.7 7.9 11.9
 44 6.1 4.2 6.4

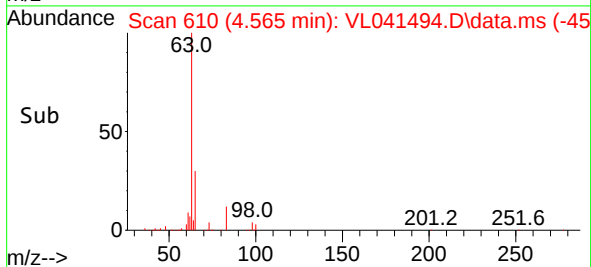
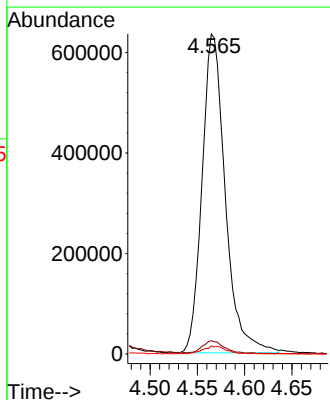
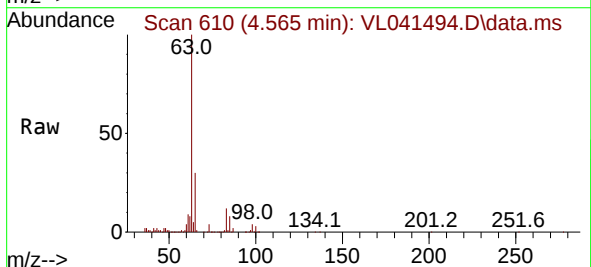
Manual Integrations
 APPROVED

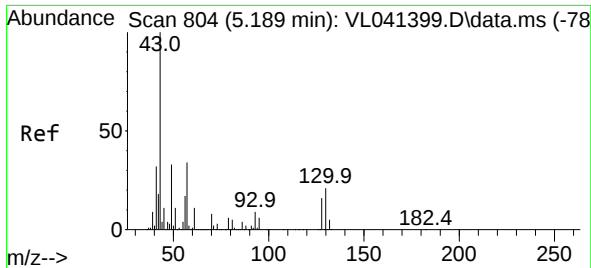
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 10.868 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041494.D
 Acq: 5 Aug 2024 9:45

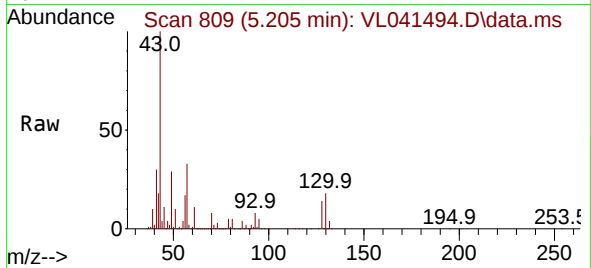
Tgt Ion: 63 Resp: 1083066
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 6.0
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 11.236 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

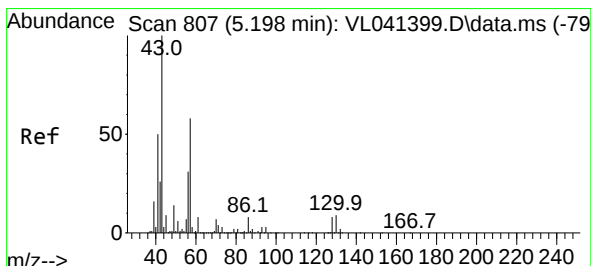
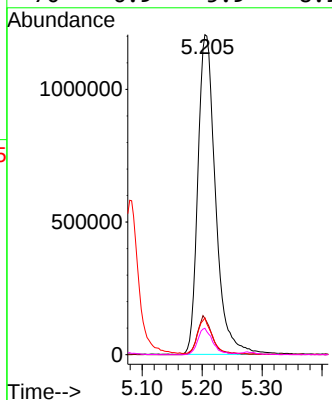
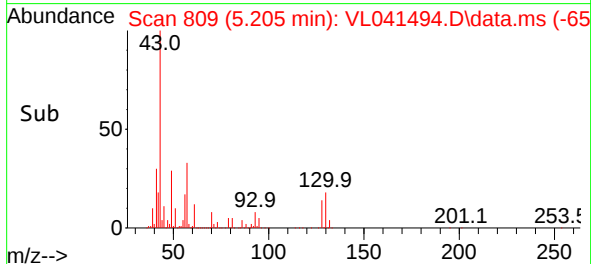


Tgt Ion: 43 Resp: 247388

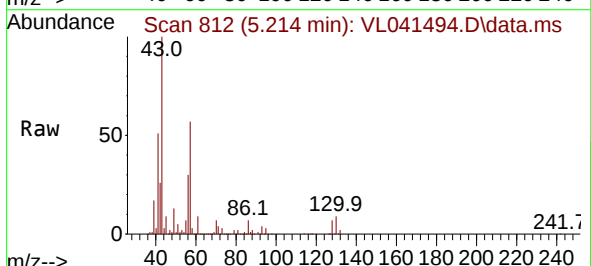
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	9.9	8.0	12.0
70	6.9	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

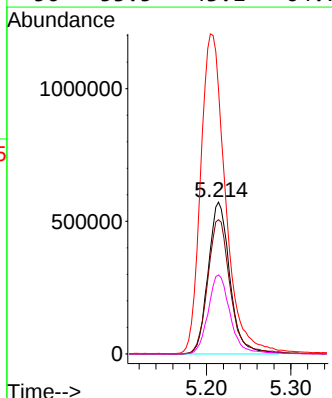
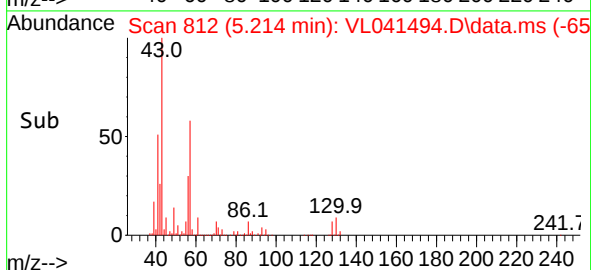


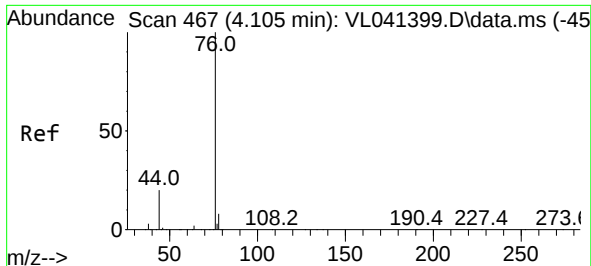
#26
Hexane
Concen: 11.174 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion: 57 Resp: 1020558

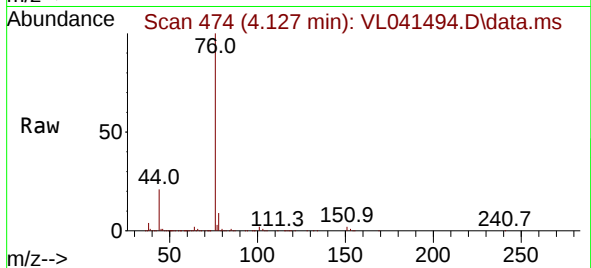
Ion	Ratio	Lower	Upper
57	100		
41	93.0	74.0	111.0
43	243.2	193.6	290.4
56	53.5	43.1	64.7





#27
Carbon Disulfide
Concen: 11.426 ppbv
RT: 4.127 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

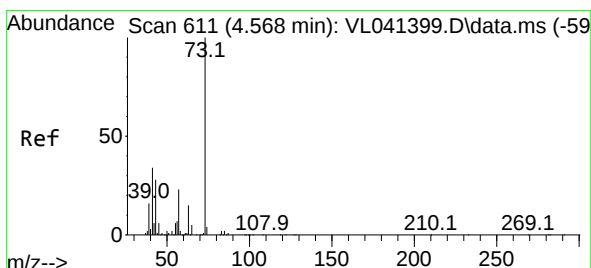
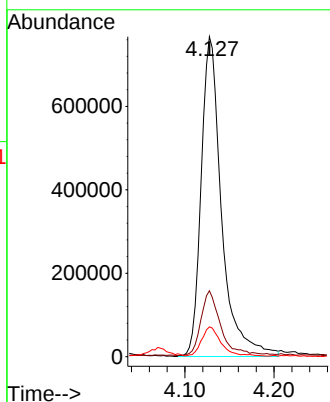
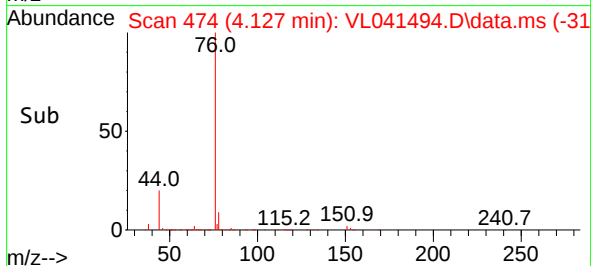
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



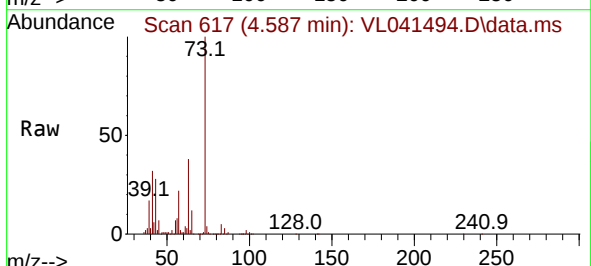
Tgt Ion: 76 Resp: 122081
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.2 7.7 11.5

Manual Integrations
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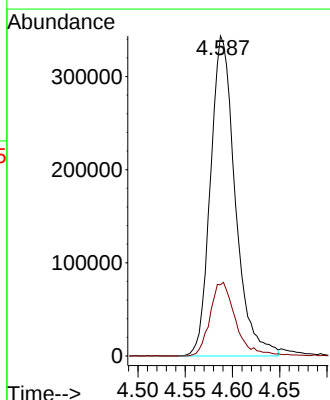
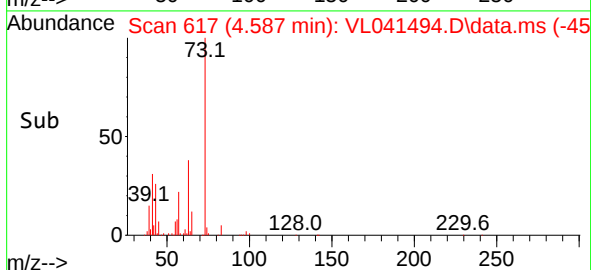
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

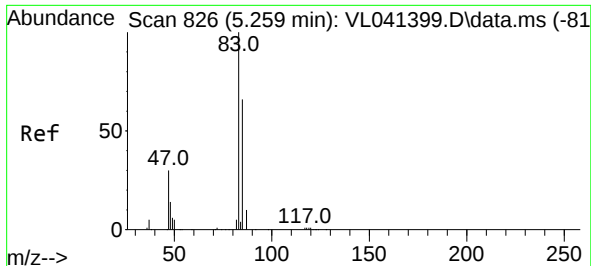


#28
Methyl tert-Butyl Ether
Concen: 10.861 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion: 73 Resp: 625556
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 10.734 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 83 Resp: 1599129

Ion Ratio Lower Upper

83 100

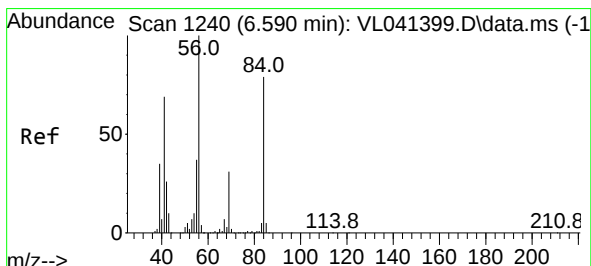
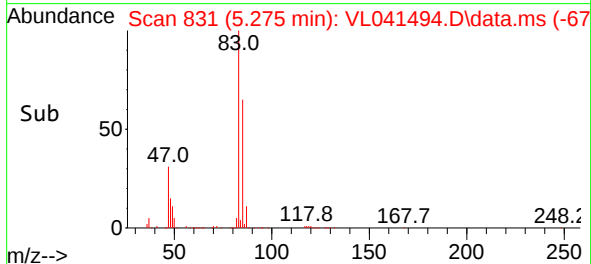
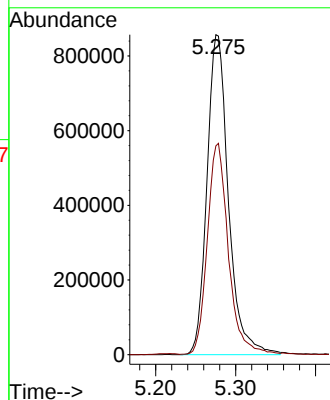
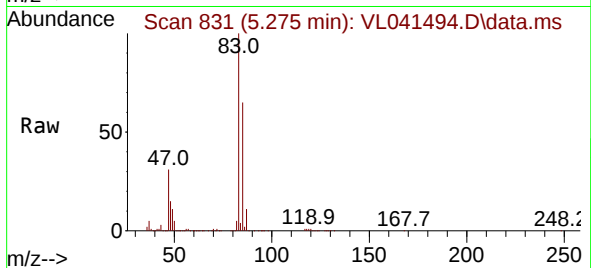
85 65.2 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#30

Cyclohexane

Concen: 11.767 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

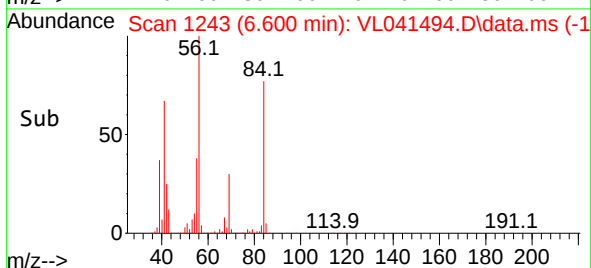
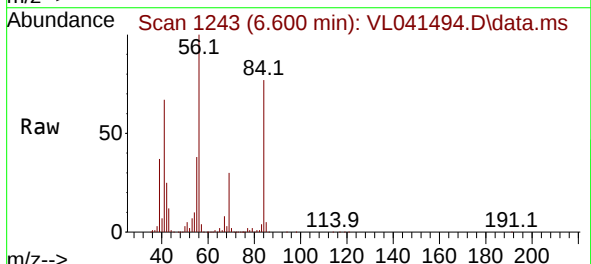
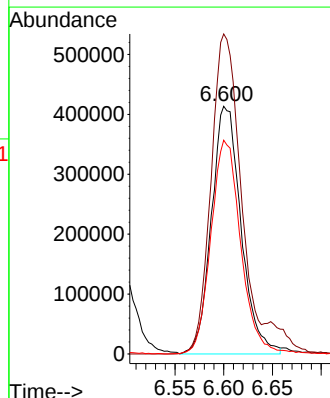
Tgt Ion: 84 Resp: 875179

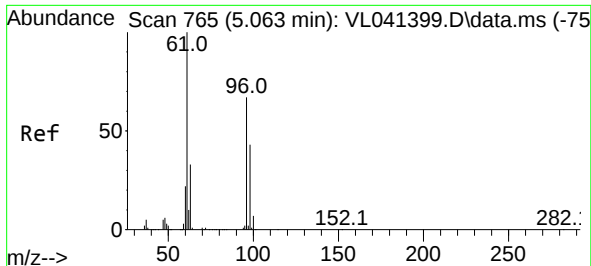
Ion Ratio Lower Upper

84 100

56 137.7 111.2 166.8

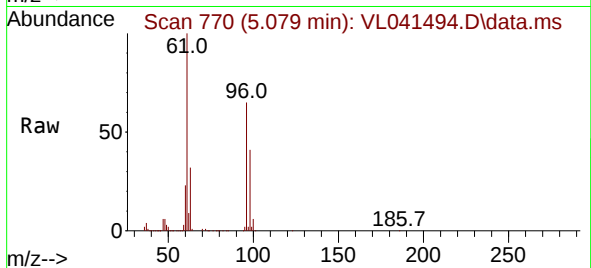
41 87.3 70.3 105.5





#31
cis-1,2-Dichloroethene
Concen: 11.194 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

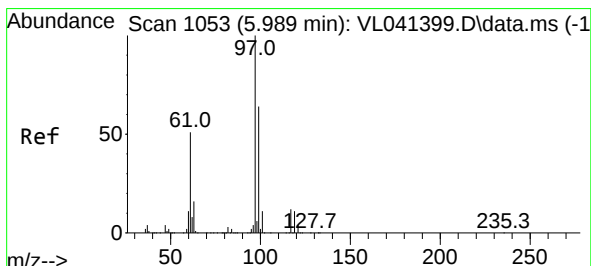
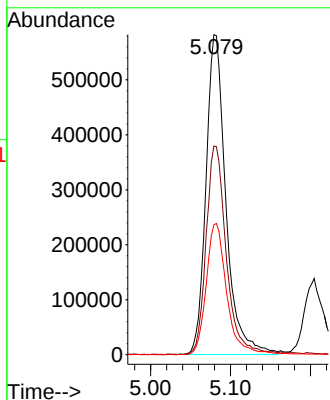
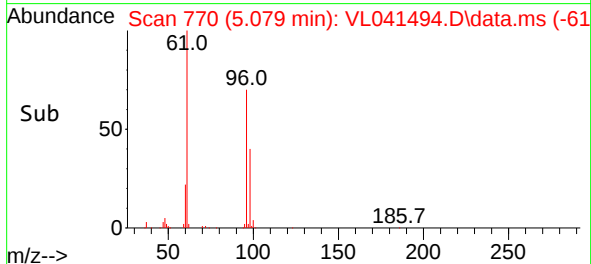
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion: 61 Resp: 1010018
Ion Ratio Lower Upper
61 100
96 65.2 53.4 80.2
98 40.6 34.4 51.6

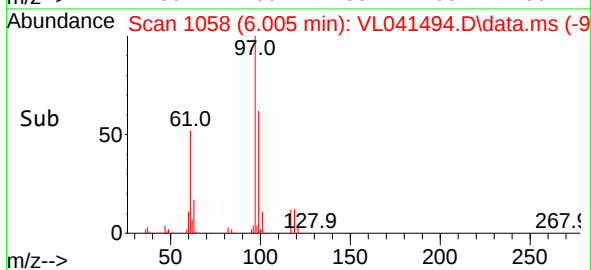
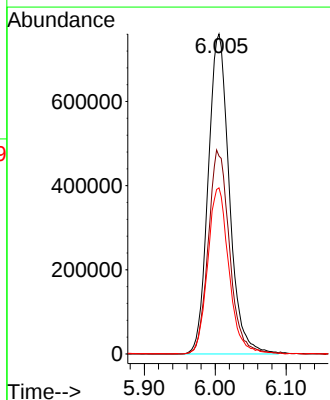
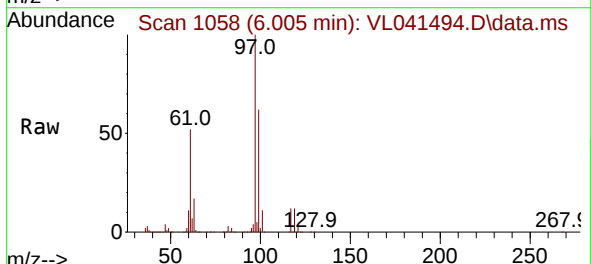
Manual Integrations
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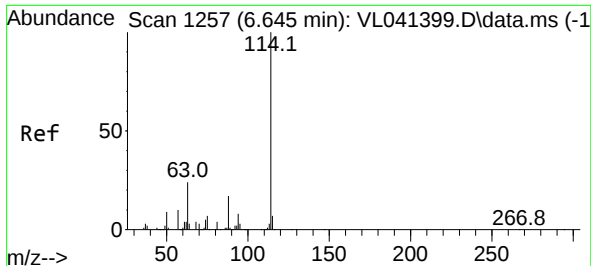
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#32
1,1,1-Trichloroethane
Concen: 10.850 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 97 Resp: 1573441
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: 6.655 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion:114 Resp: 270954

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

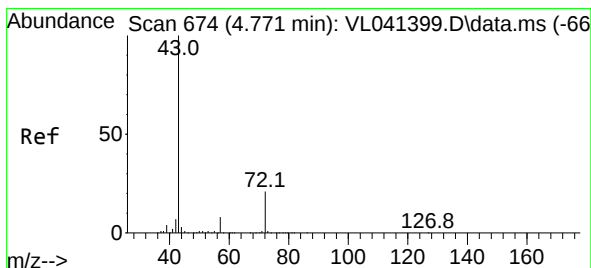
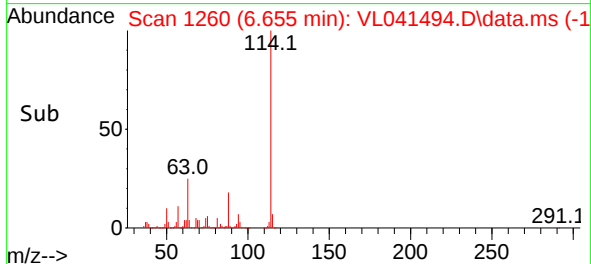
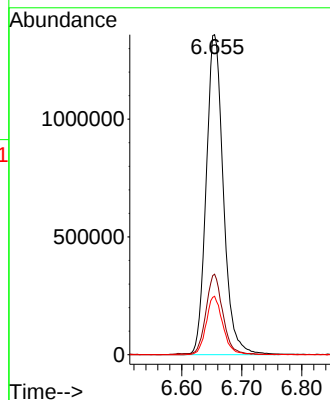
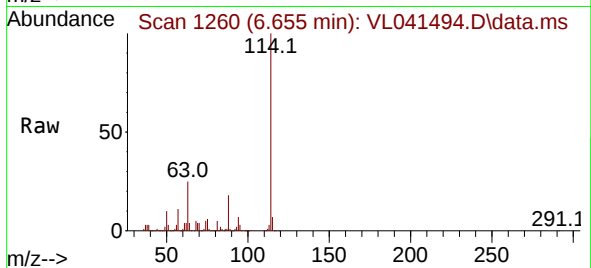
88 17.7 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 11.115 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.003 min

Lab File: VL041494.D

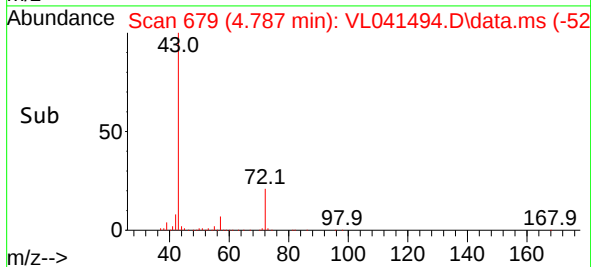
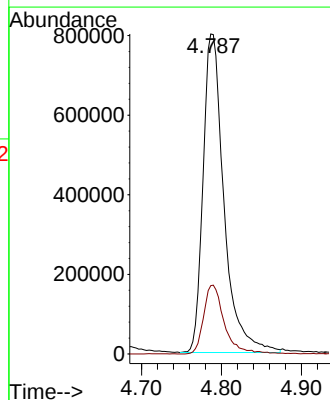
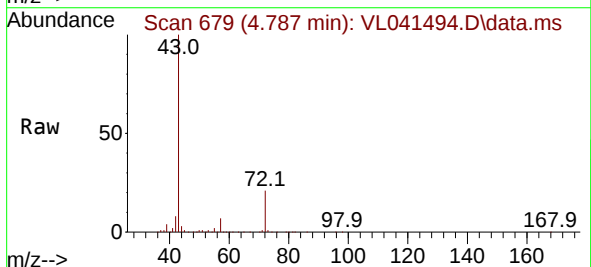
Acq: 5 Aug 2024 9:45

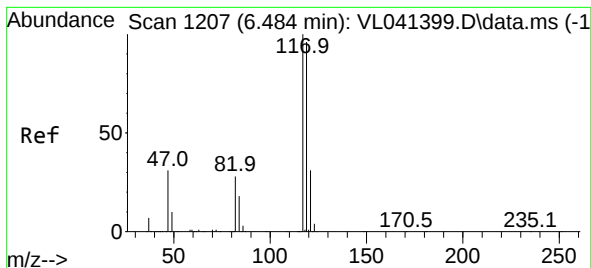
Tgt Ion: 43 Resp: 1456777

Ion Ratio Lower Upper

43 100

72 21.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.992 ppbv

RT: 6.494 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion:117 Resp: 1642762

Ion Ratio Lower Upper

117 100

119 95.2 76.6 115.0

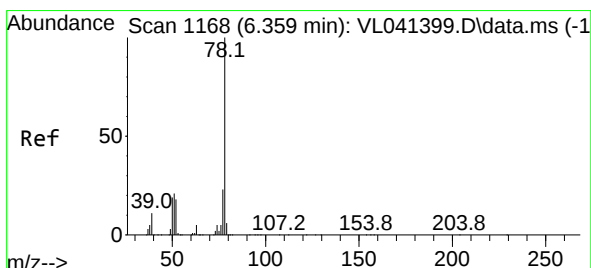
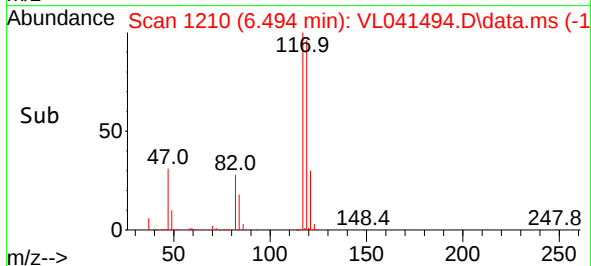
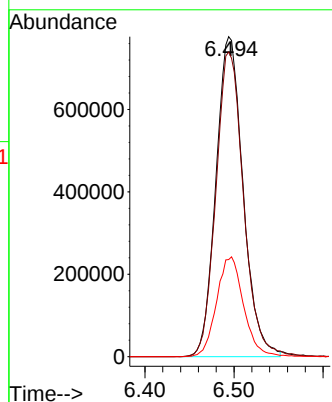
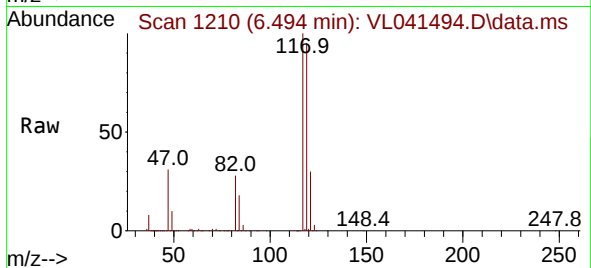
121 30.4 25.1 37.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#36

Benzene

Concen: 10.972 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

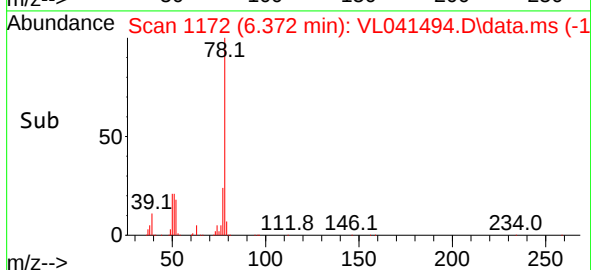
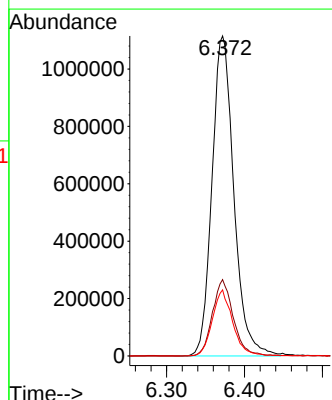
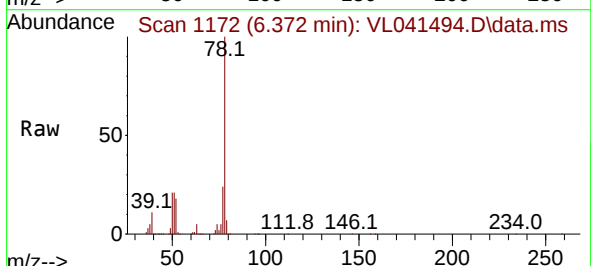
Tgt Ion: 78 Resp: 2172403

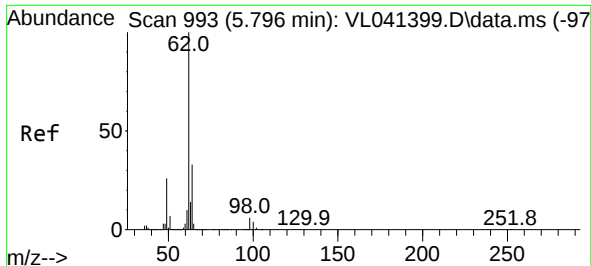
Ion Ratio Lower Upper

78 100

77 23.8 18.1 27.1

50 20.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.976 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 62 Resp: 121625

Ion Ratio Lower Upper

62 100

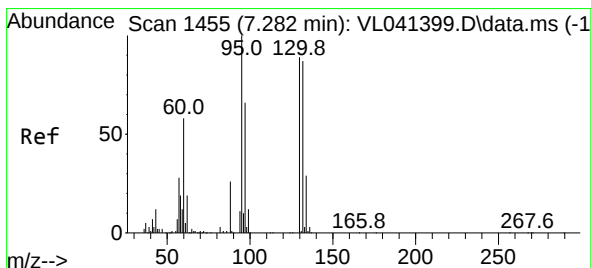
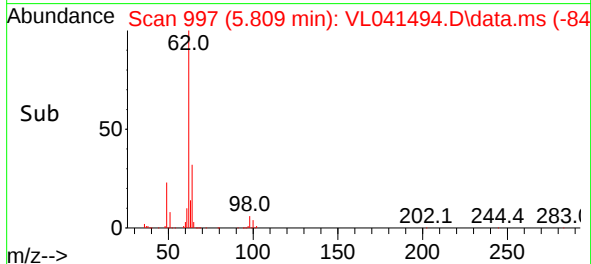
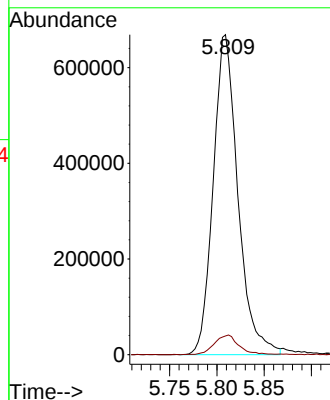
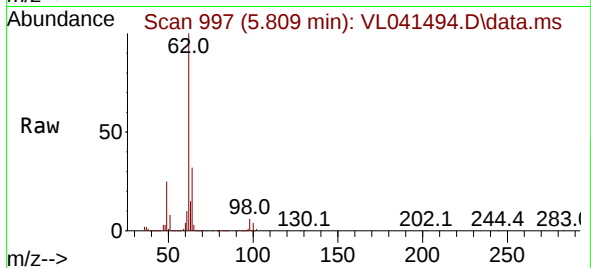
98 6.4 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#38

Trichloroethene

Concen: 10.845 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion:130 Resp: 983640

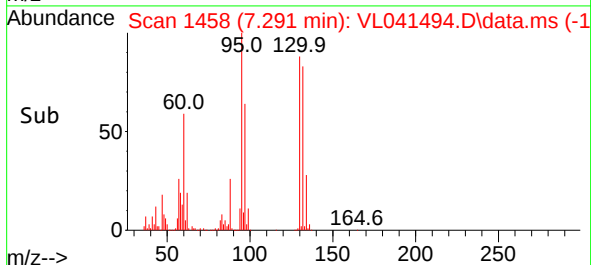
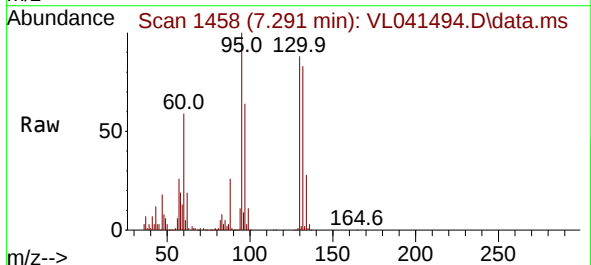
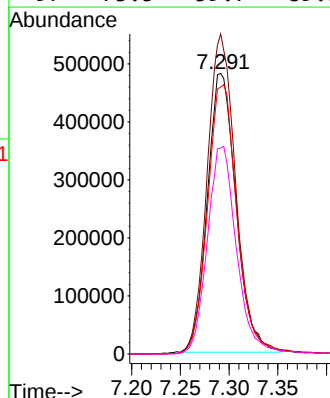
Ion Ratio Lower Upper

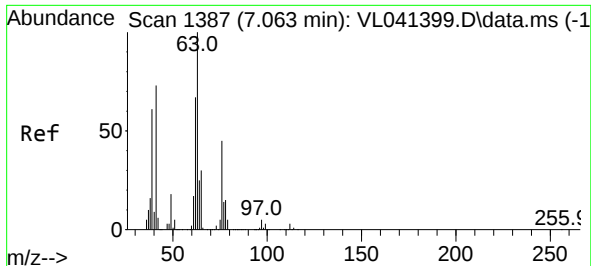
130 100

95 114.4 90.2 135.2

132 95.5 78.1 117.1

97 73.5 59.7 89.5





#39

1,2-Dichloropropane

Concen: 11.077 ppbv

RT: 7.073 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 63 Resp: 83963

Ion Ratio Lower Upper

63 100

41 73.9 58.3 87.5

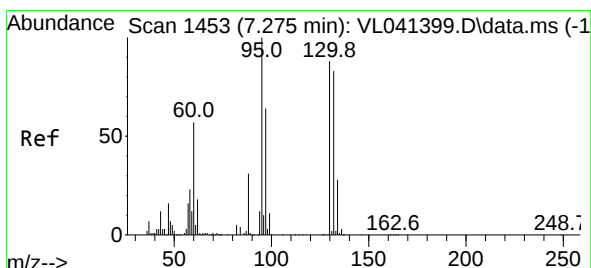
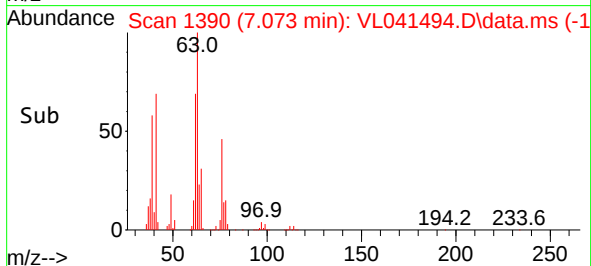
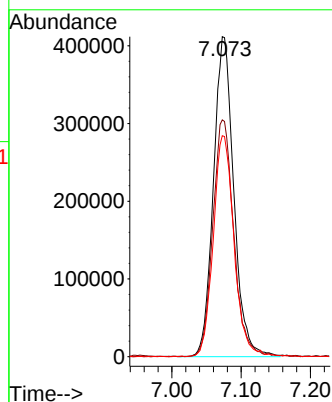
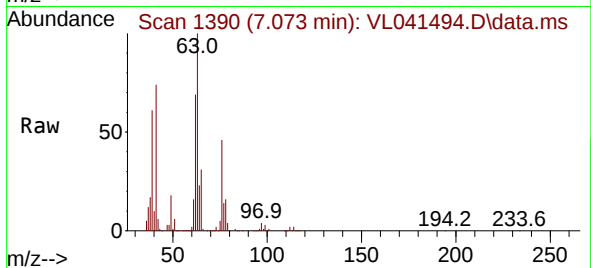
62 68.9 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#40

1,4-Dioxane

Concen: 11.485 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion: 88 Resp: 349724

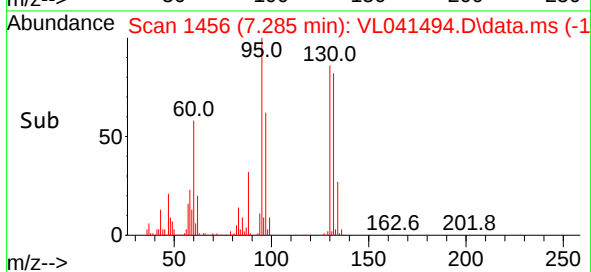
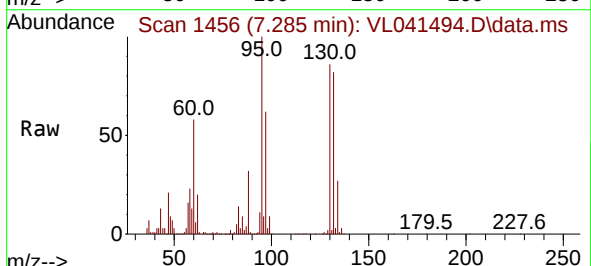
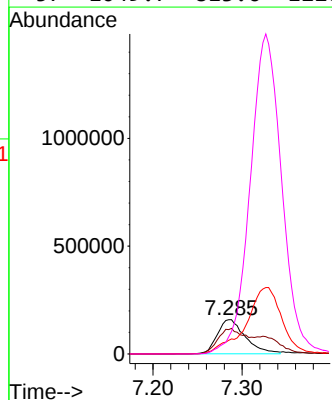
Ion Ratio Lower Upper

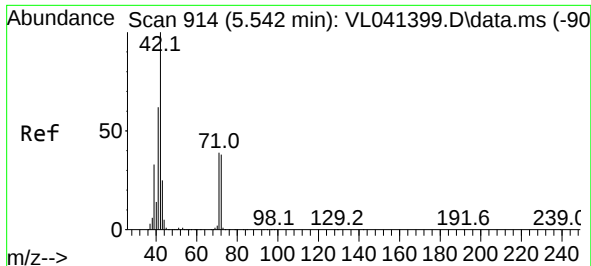
88 100

58 122.7 95.8 143.6

43 248.6 188.2 282.2

57 1049.7 813.6 1220.4





#41

Tetrahydrofuran

Concen: 11.719 ppbv

RT: 5.558 min Scan# 914

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 42 Resp: 87853

Ion Ratio Lower Upper

42 100

72 38.5 31.2 46.8

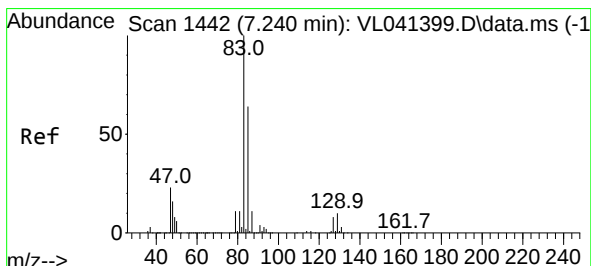
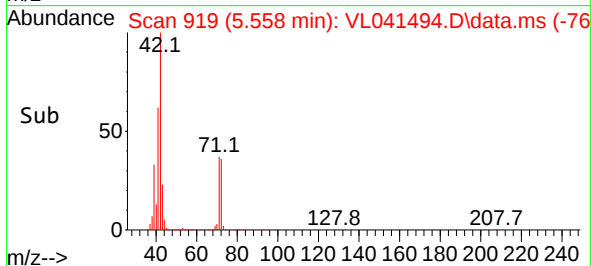
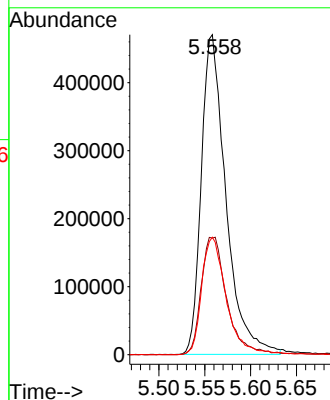
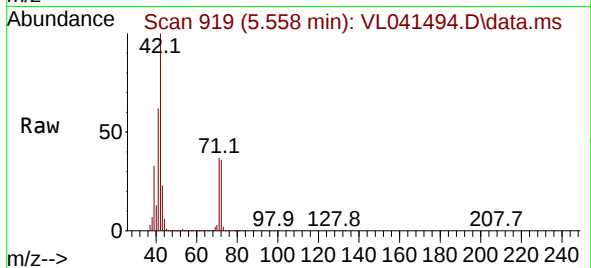
71 37.2 30.5 45.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#42

Bromodichloromethane

Concen: 10.942 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

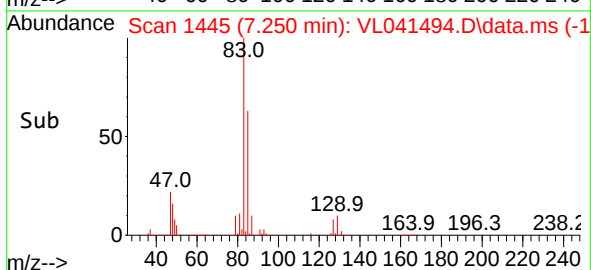
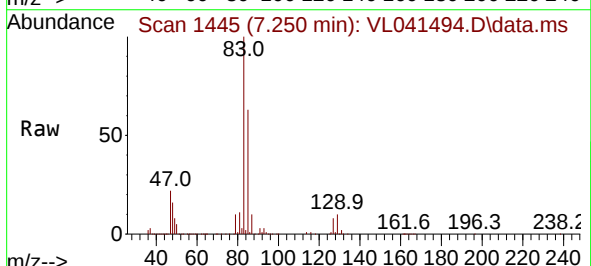
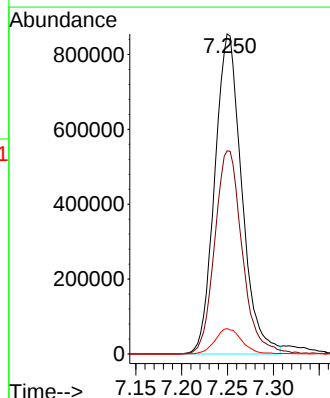
Tgt Ion: 83 Resp: 1750813

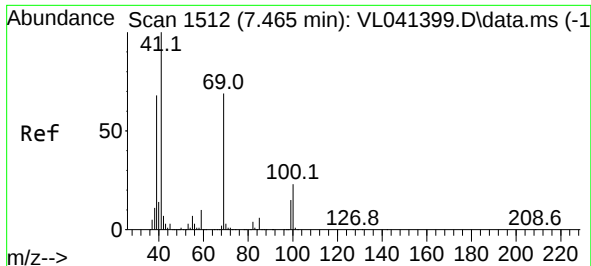
Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

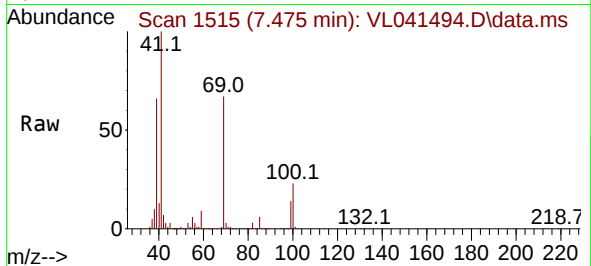
127 8.0 6.7 10.1





#43
Methyl Methacrylate
Concen: 12.343 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

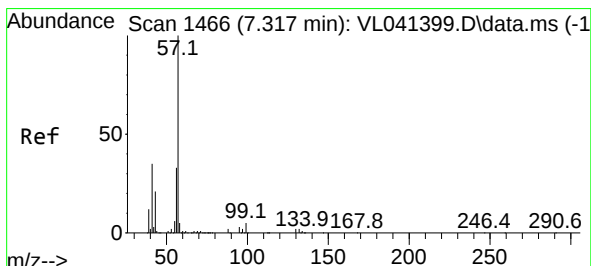
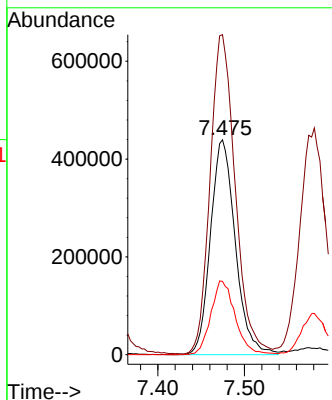
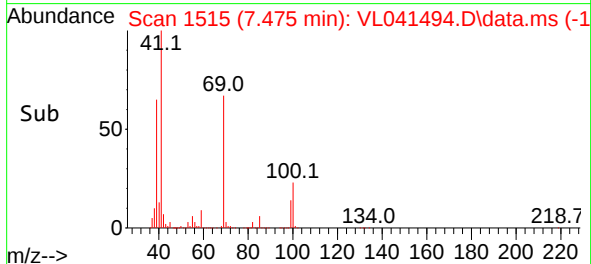
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



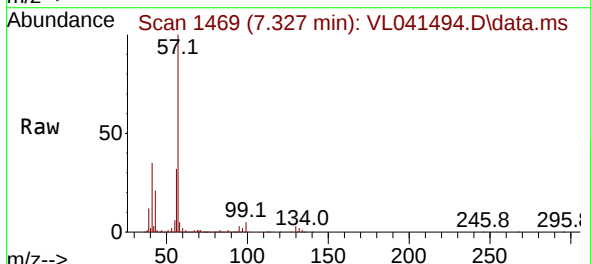
Tgt Ion: 69 Resp: 87634
Ion Ratio Lower Upper
69 100
41 150.7 118.7 178.1
100 33.7 27.0 40.4

Manual Integrations
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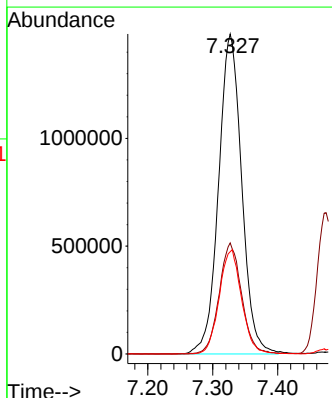
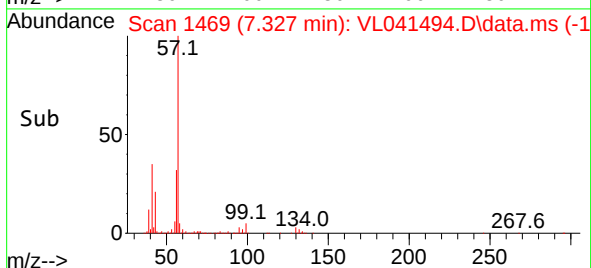
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

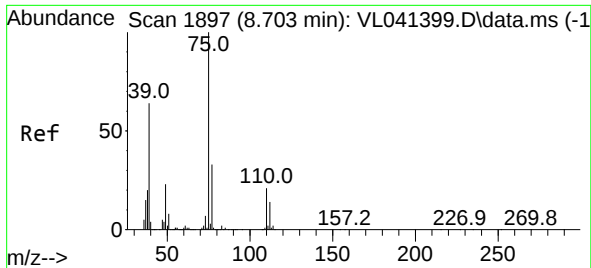


#44
2,2,4-Trimethylpentane
Concen: 11.071 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion: 57 Resp: 3660923
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.6 25.2 37.8





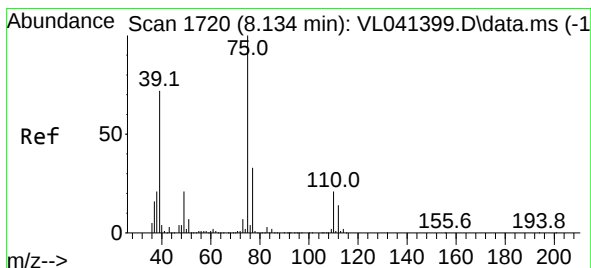
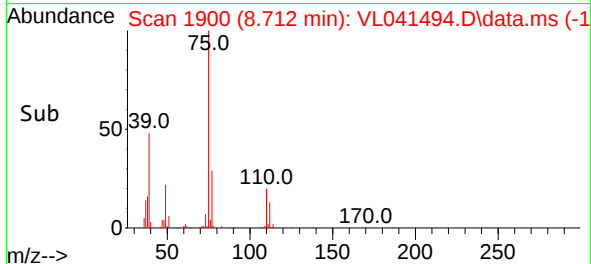
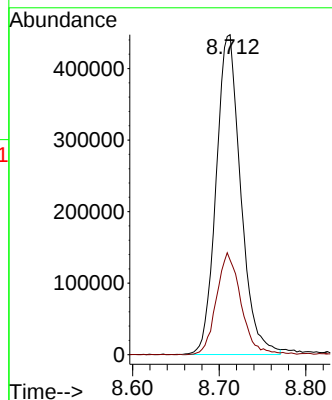
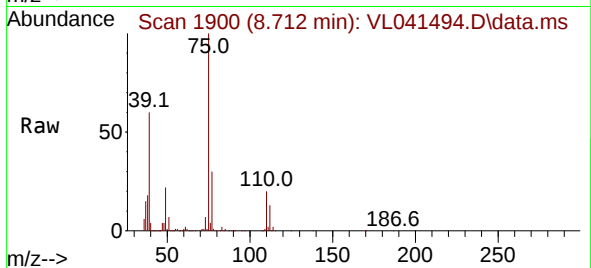
#45
t-1,3-Dichloropropene
Concen: 13.496 ppbv
RT: 8.712 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 75 Resp: 881917
Ion Ratio Lower Upper
75 100
77 29.6 26.5 39.7

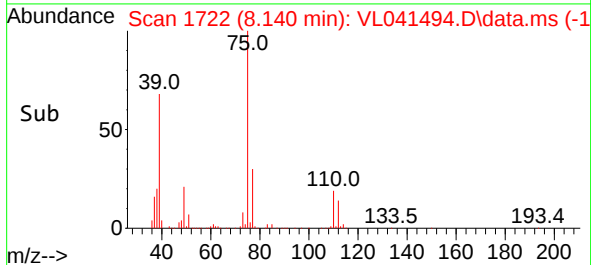
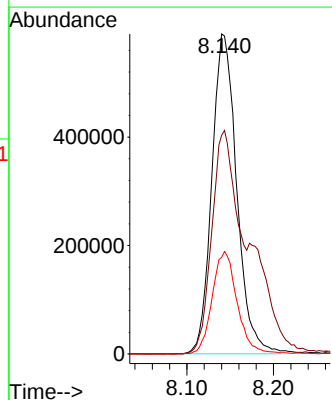
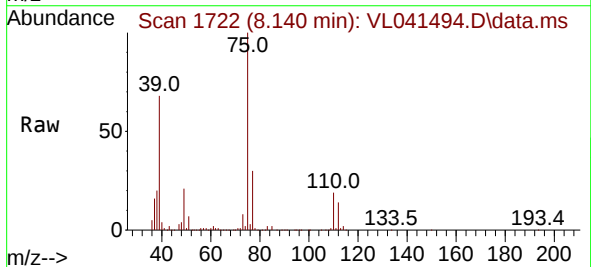
Manual Integrations
APPROVED

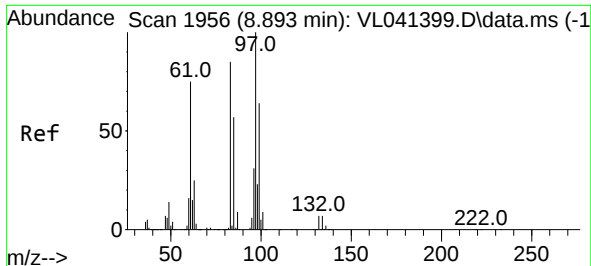
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 12.469 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 75 Resp: 1176596
Ion Ratio Lower Upper
75 100
39 68.2 57.3 85.9
77 30.2 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.976 ppbv

RT: 8.896 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion: 97 Resp: 91708

Ion Ratio Lower Upper

97 100

83 85.9 67.6 101.4

85 54.1 45.9 68.9

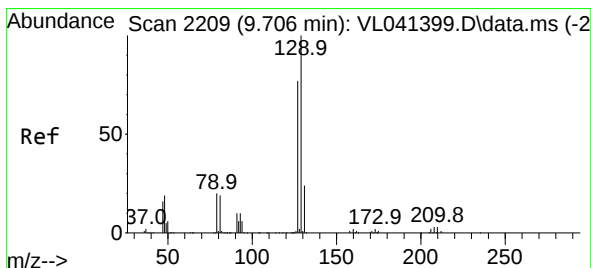
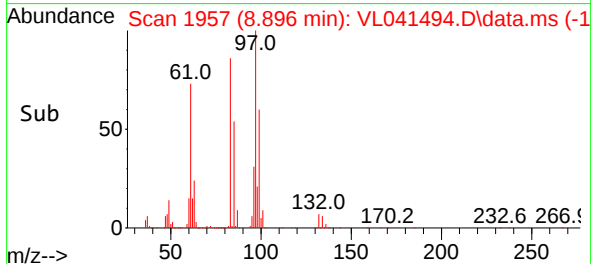
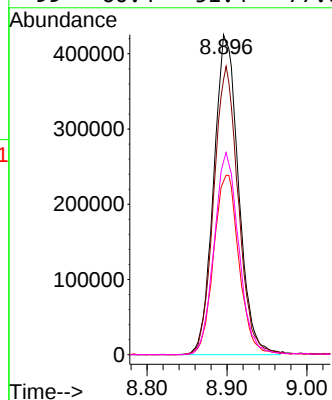
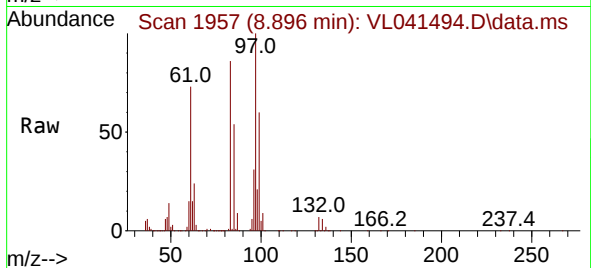
99 60.4 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#48

Dibromochloromethane

Concen: 11.263 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VL041494.D

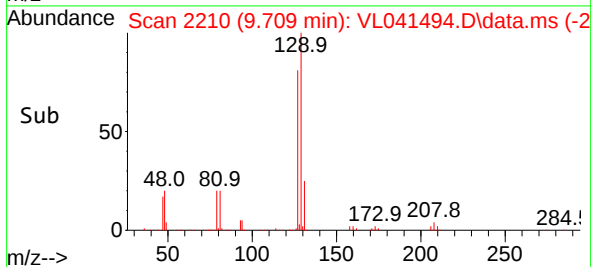
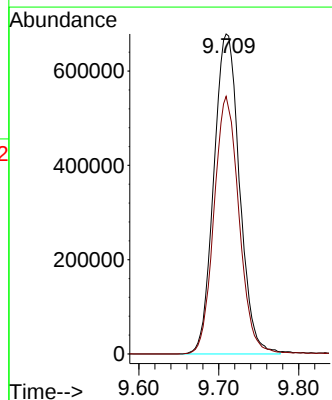
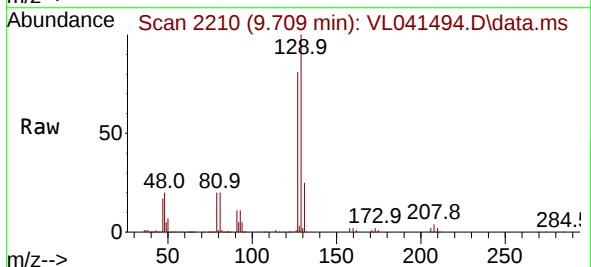
Acq: 5 Aug 2024 9:45

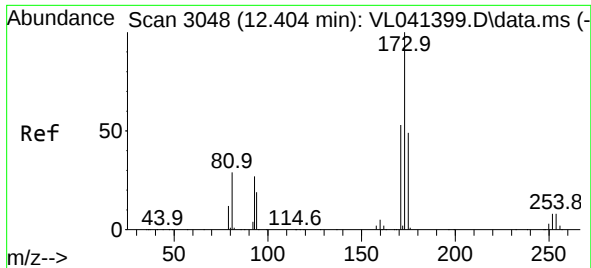
Tgt Ion:129 Resp: 1515958

Ion Ratio Lower Upper

129 100

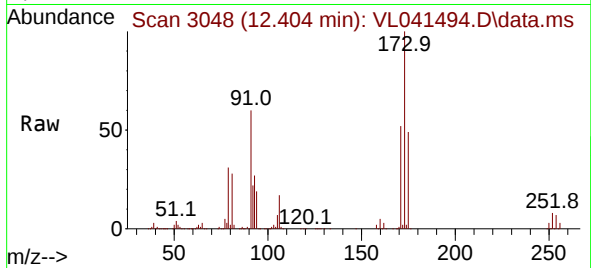
127 78.6 39.3 117.8





#49
Bromoform
Concen: 11.580 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

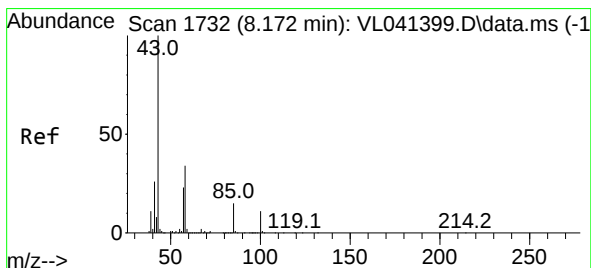
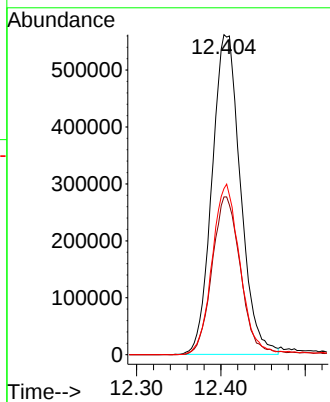
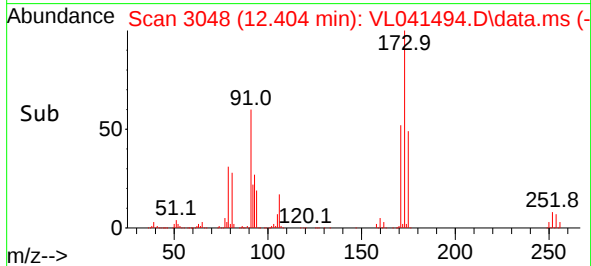
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion: 173 Resp: 1316630
Ion Ratio Lower Upper
173 100
175 50.6 39.9 59.9
171 53.8 41.7 62.5

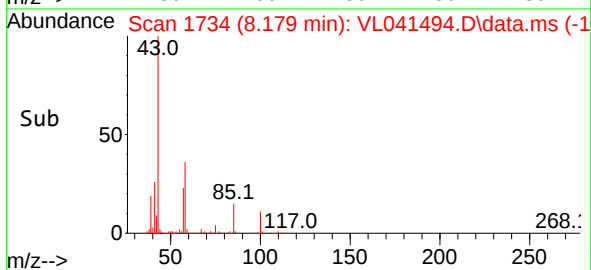
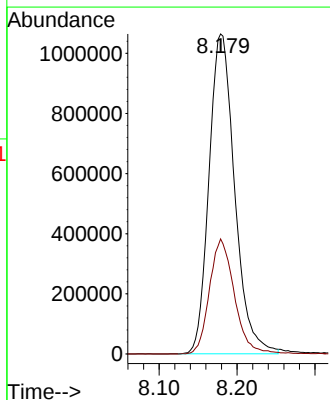
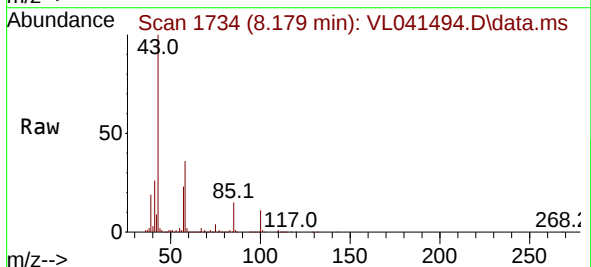
Manual Integrations
APPROVED

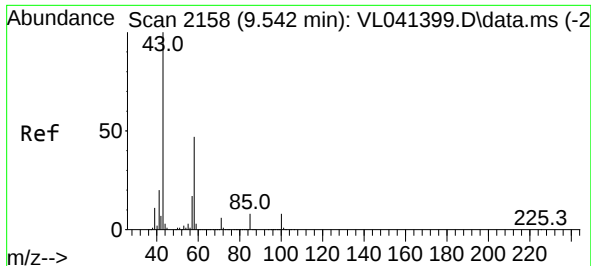
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#50
4-Methyl-2-Pentanone
Concen: 11.774 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

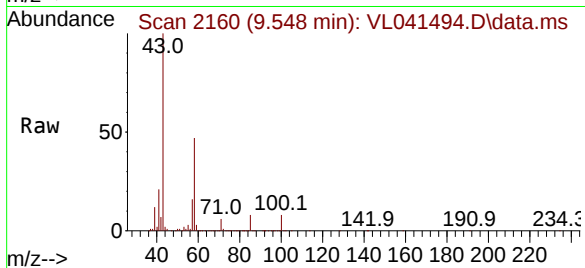
Tgt Ion: 43 Resp: 2434750
Ion Ratio Lower Upper
43 100
58 35.1 27.9 41.9





#51
2-Hexanone
Concen: 12.736 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

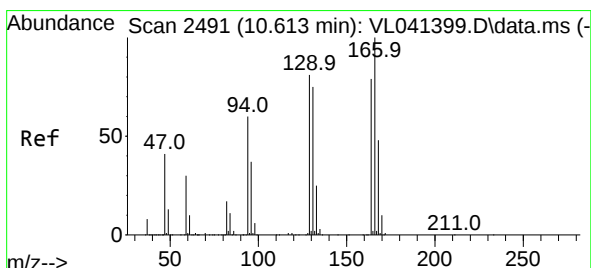
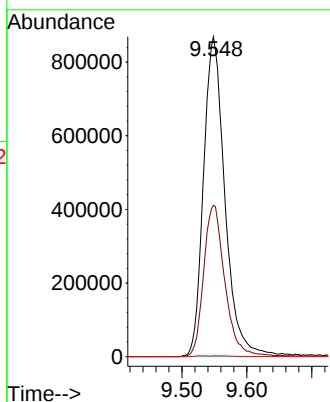
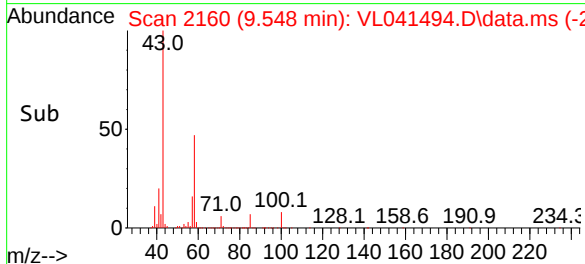
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



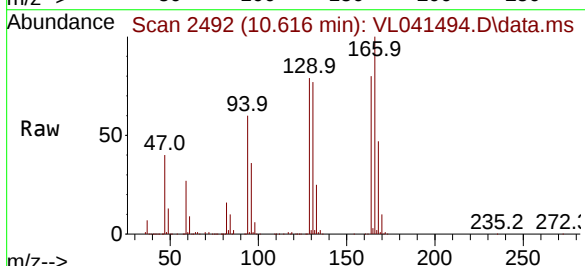
Tgt Ion: 43 Resp: 199152
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.2
98 0.2 0.3 0.5

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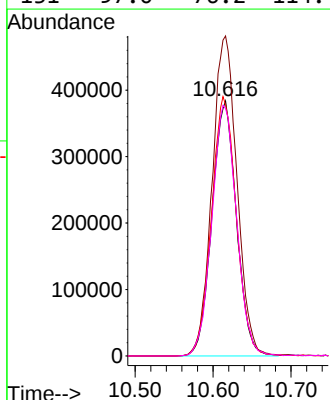
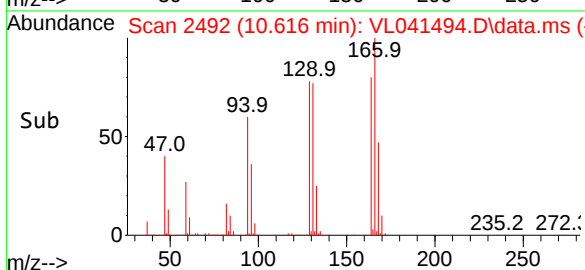
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

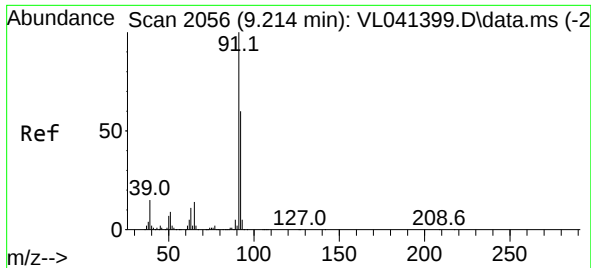


#52
Tetrachloroethene
Concen: 10.920 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion:164 Resp: 835405
Ion Ratio Lower Upper
164 100
166 125.4 101.1 151.7
129 98.5 81.7 122.5
131 97.0 76.2 114.4





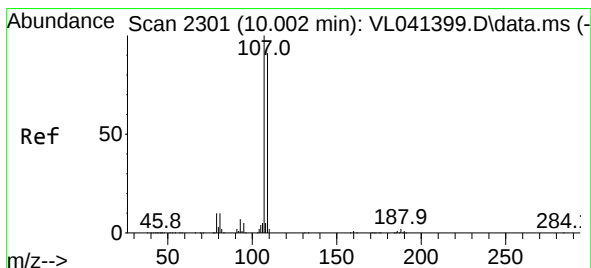
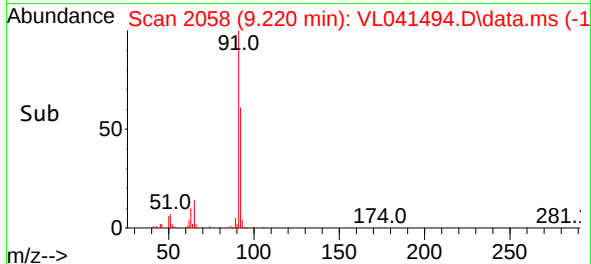
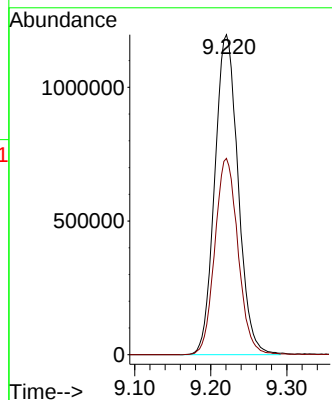
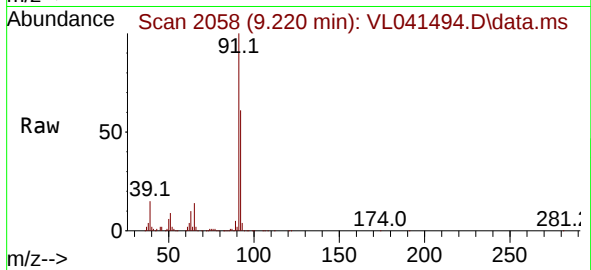
#53
Toluene
Concen: 11.589 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 91 Resp: 255561
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1

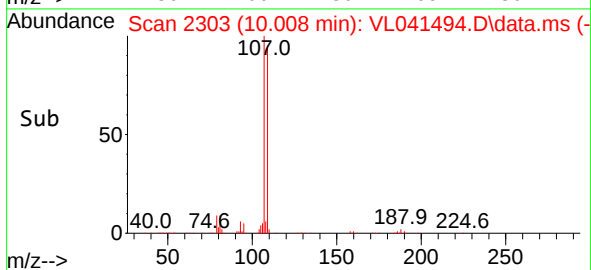
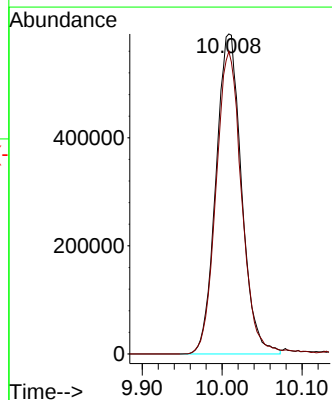
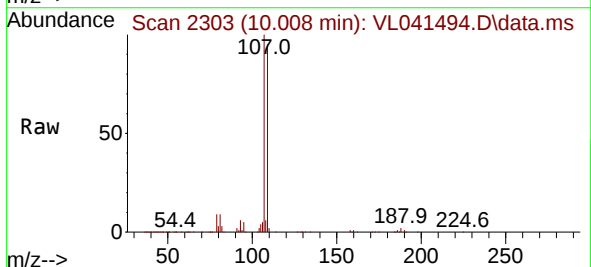
Manual Integrations
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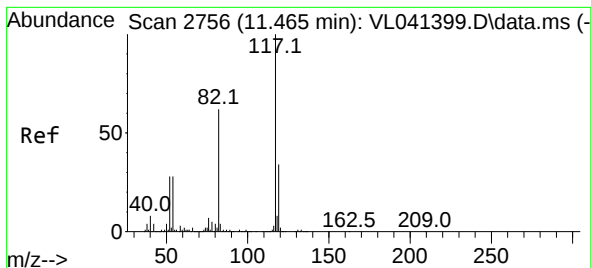
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#54
1,2-Dibromoethane
Concen: 11.818 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

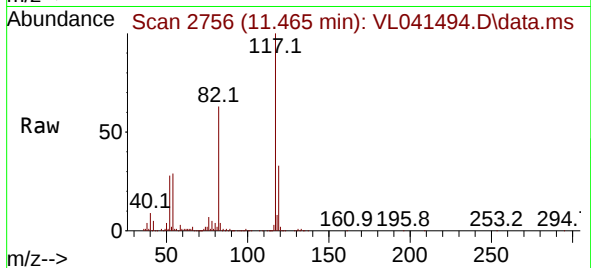
Tgt Ion:107 Resp: 1314243
Ion Ratio Lower Upper
107 100
109 94.6 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

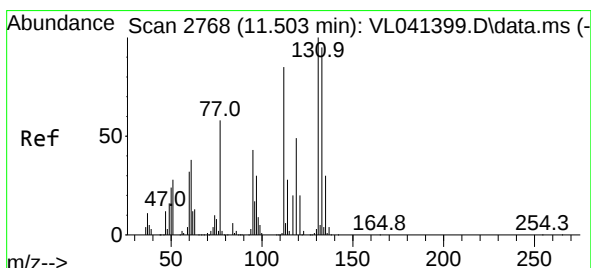
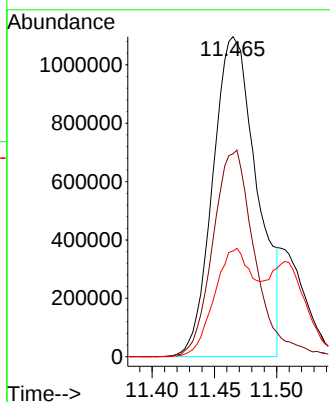
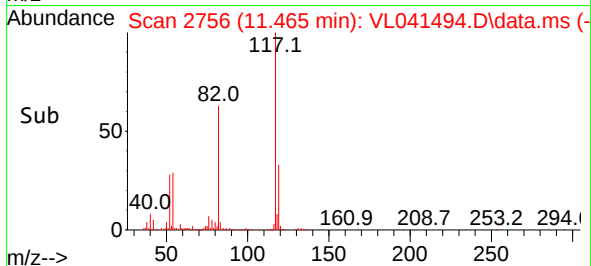
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



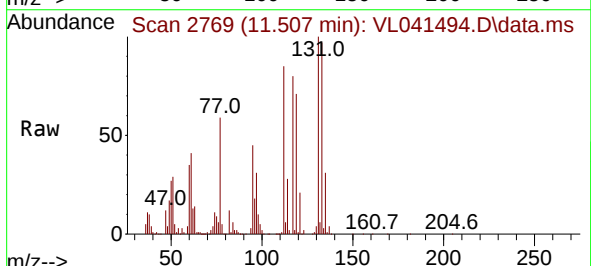
Tgt Ion:117 Resp: 2704015
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 28.8 45.2 67.8

Manual Integrations
APPROVED

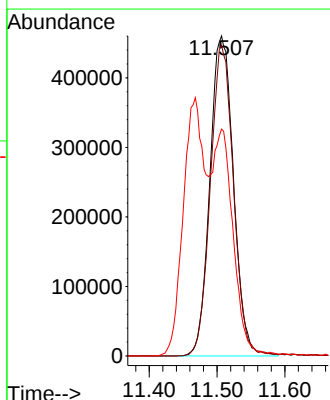
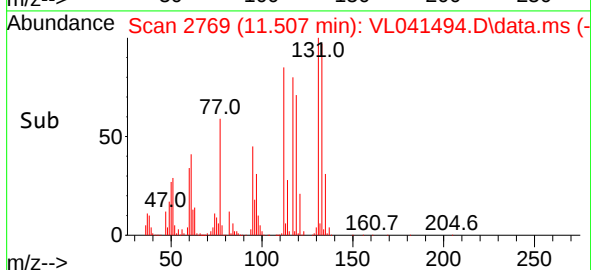
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

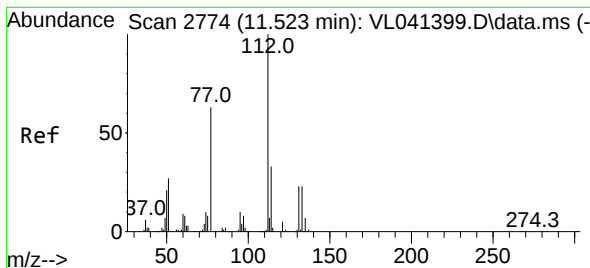


#56
1,1,1,2-Tetrachloroethane
Concen: 10.613 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



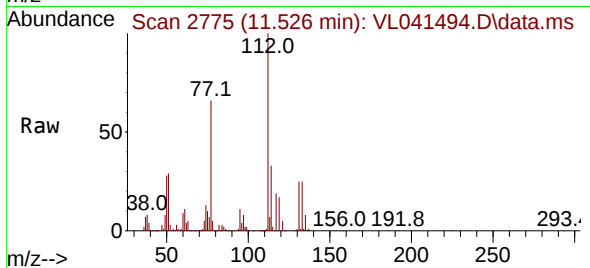
Tgt Ion:131 Resp: 1112981
Ion Ratio Lower Upper
131 100
133 95.7 77.0 115.4
119 63.9 121.5 182.3





#57
Chlorobenzene
Concen: 10.327 ppbv
RT: 11.526 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

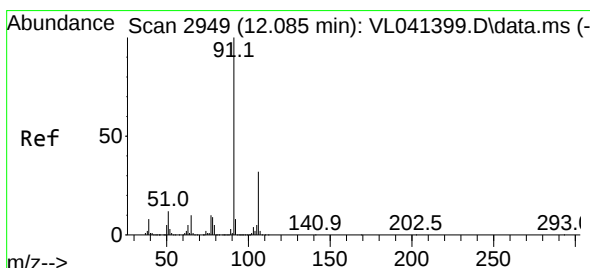
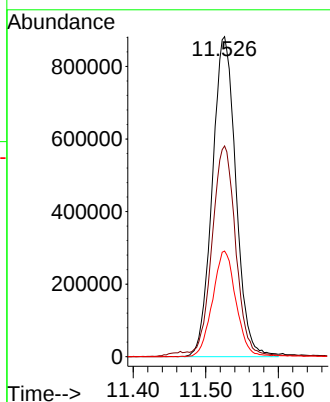
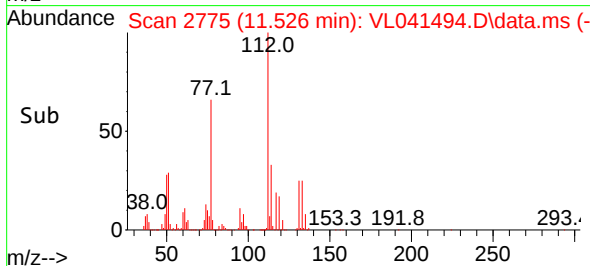
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



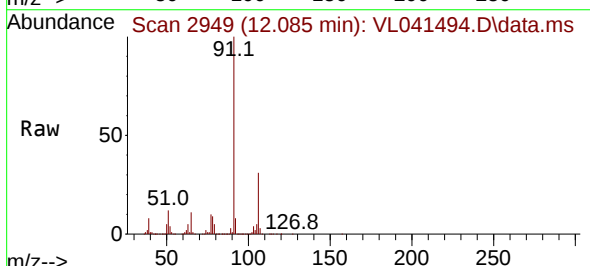
Tgt Ion:112 Resp: 198813
Ion Ratio Lower Upper
112 100
77 65.4 51.1 76.7
114 33.0 29.5 36.1

Manual Integrations
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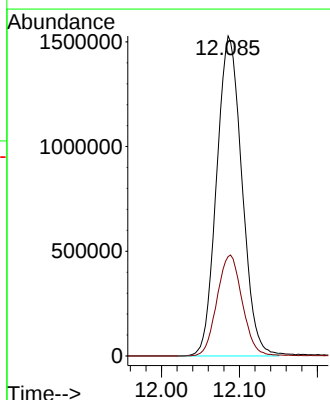
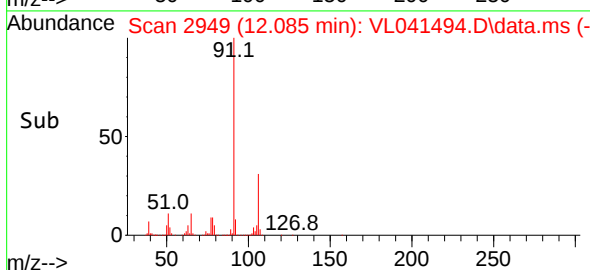
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

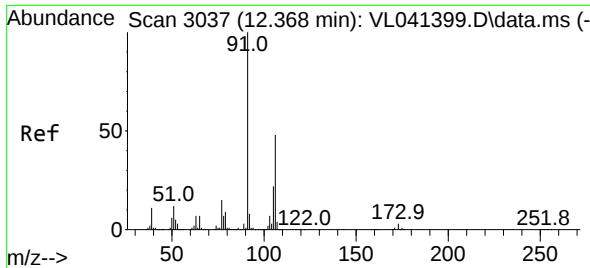


#58
Ethyl Benzene
Concen: 11.065 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



Tgt Ion: 91 Resp: 3448476
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8





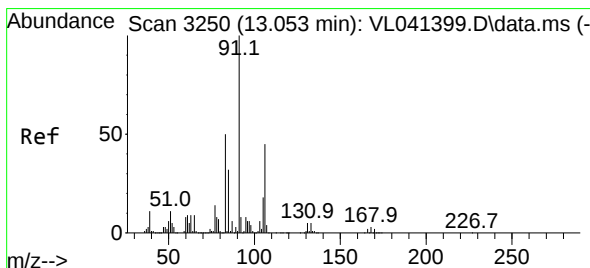
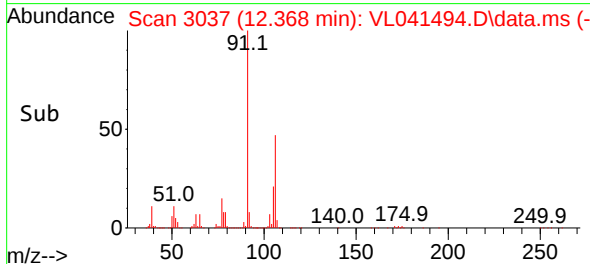
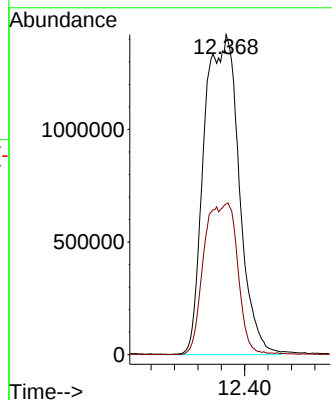
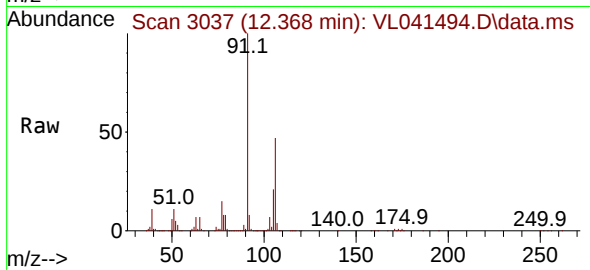
#59
m/p-Xylene
Concen: 21.808 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 91 Resp: 586743
Ion Ratio Lower Upper
91 100
106 45.9 36.3 54.5

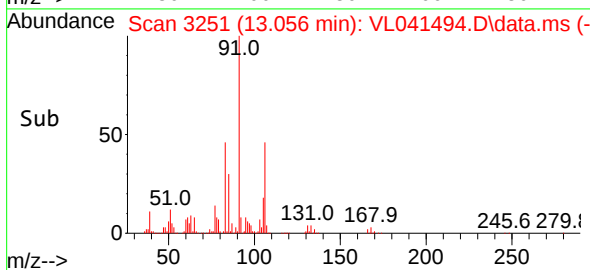
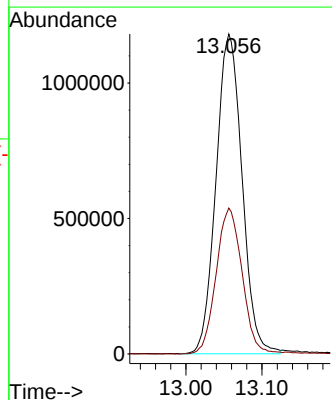
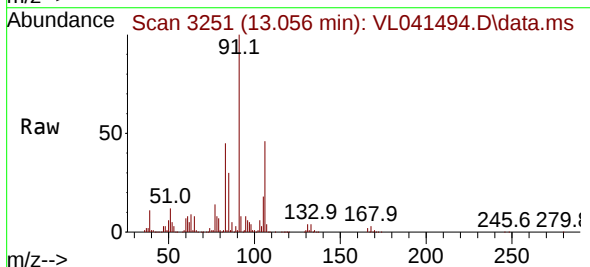
Manual Integrations
APPROVED

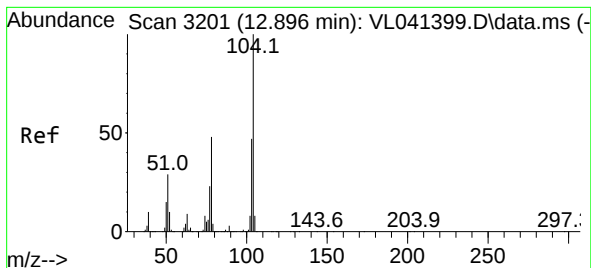
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 11.047 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 2811507
Ion Ratio Lower Upper
91 100
106 46.0 23.1 69.3





#61

Styrene

Concen: 12.219 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion:104 Resp: 140297

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

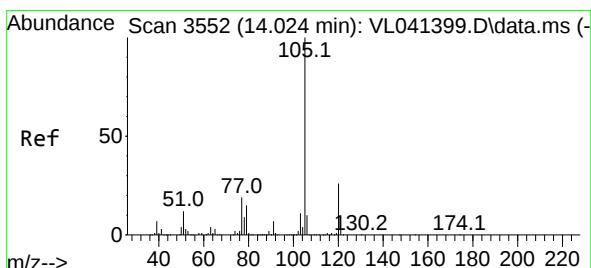
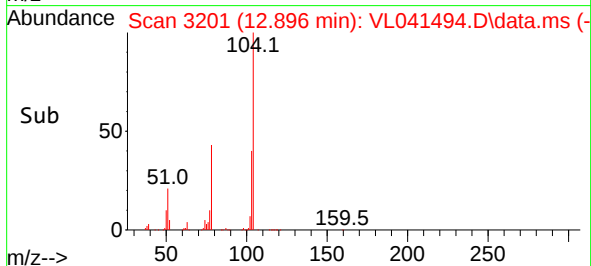
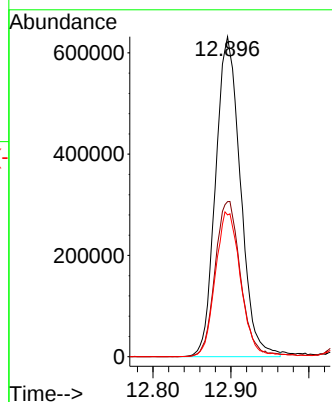
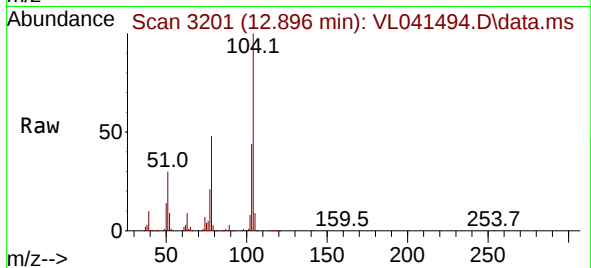
103 46.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#62

Isopropylbenzene

Concen: 10.572 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041494.D

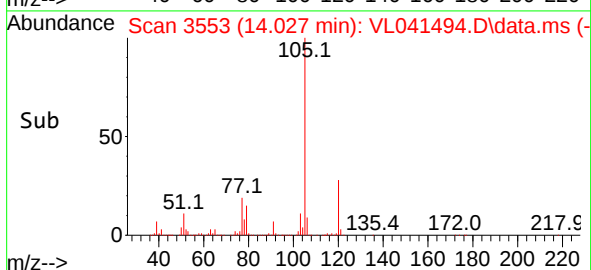
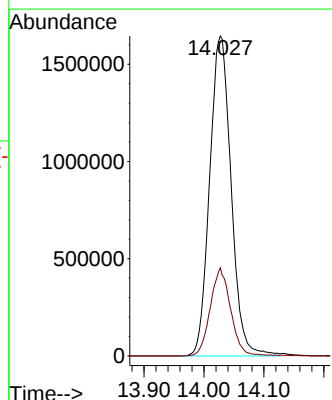
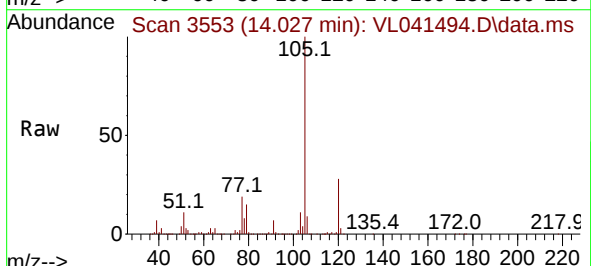
Acq: 5 Aug 2024 9:45

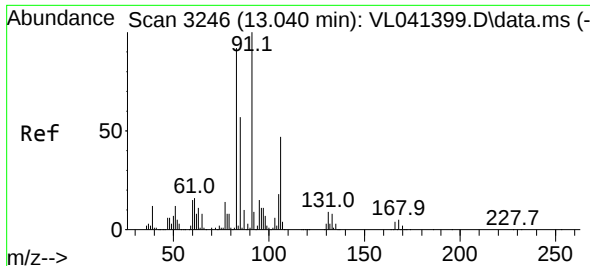
Tgt Ion:105 Resp: 4090508

Ion Ratio Lower Upper

105 100

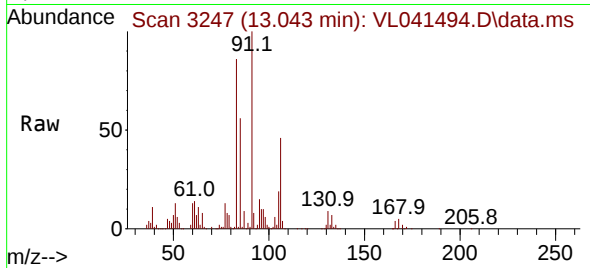
120 26.2 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.448 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

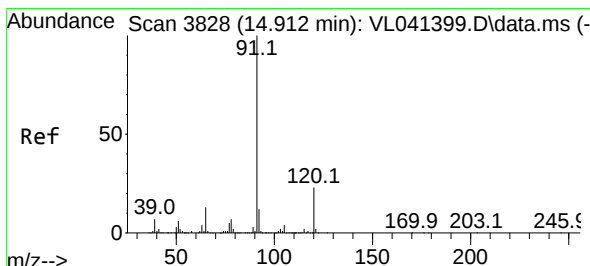
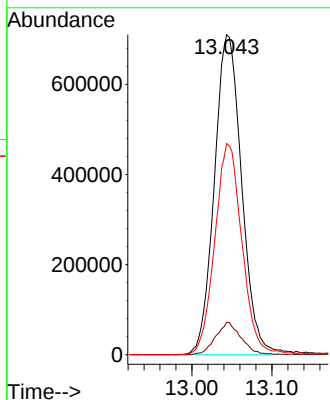
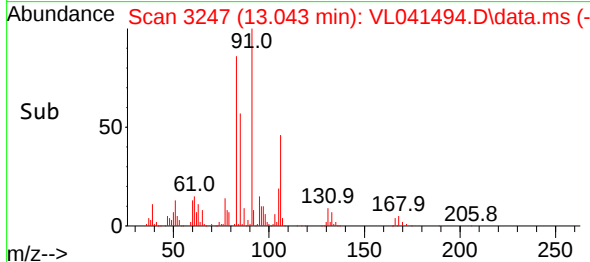
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



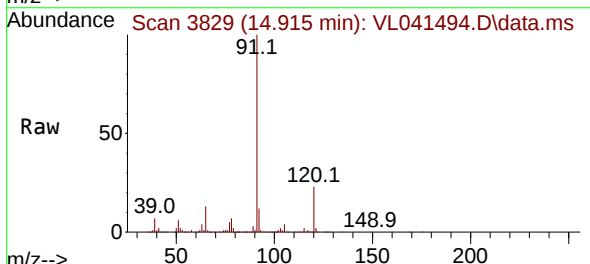
Tgt Ion: 83 Resp: 167916
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.5 32.6 98.0

Manual Integrations
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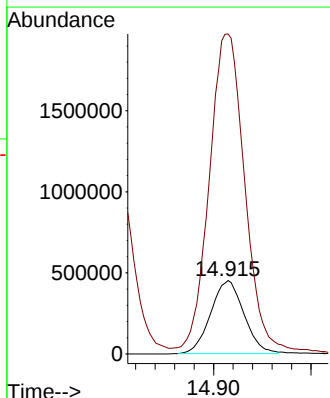
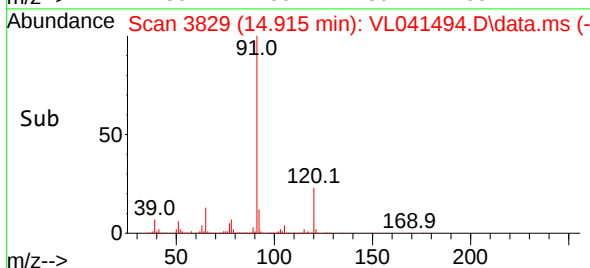
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

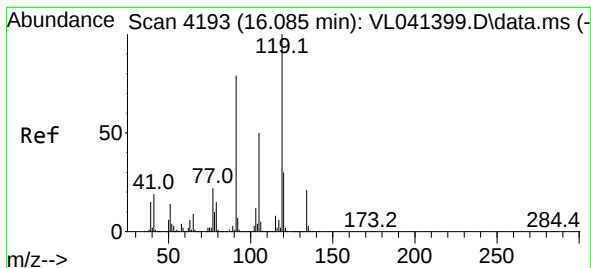


#64
n-propylbenzene
Concen: 10.585 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



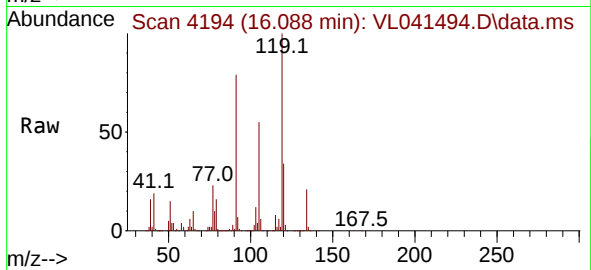
Tgt Ion:120 Resp: 1070699
Ion Ratio Lower Upper
120 100
91 473.3 361.4 542.0





#65
tert-Butylbenzene
Concen: 10.517 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

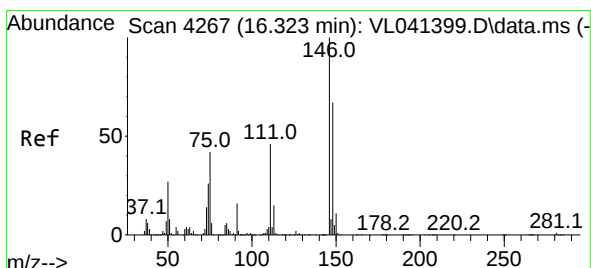
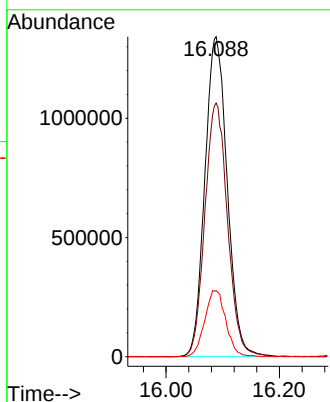
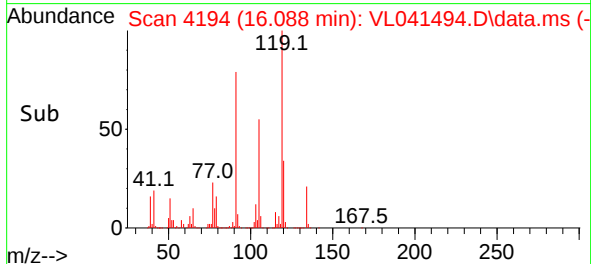
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion: 119 Resp: 367549
Ion Ratio Lower Upper
119 100
91 80.1 64.2 96.2
134 19.6 15.7 23.5

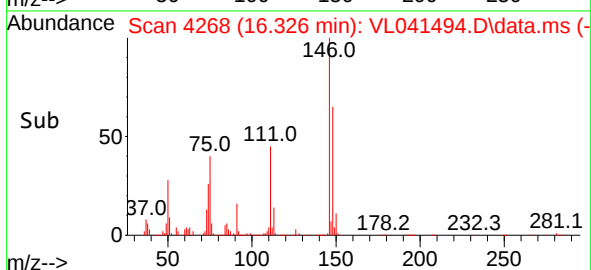
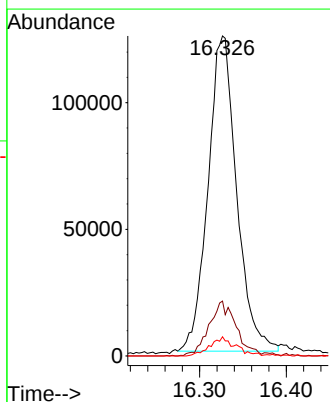
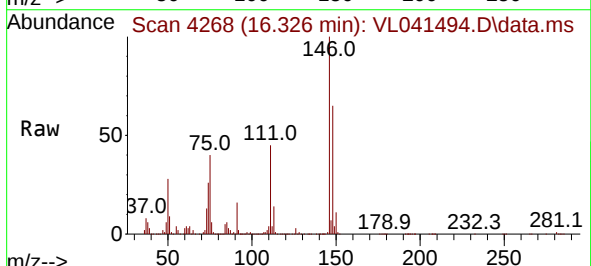
Manual Integrations
APPROVED

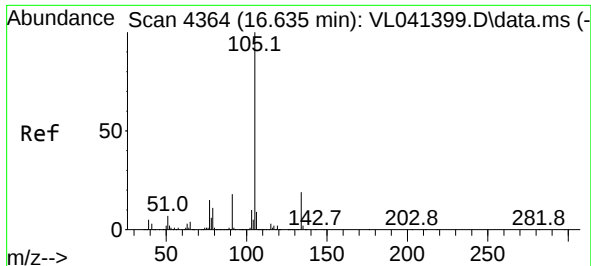
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#66
Benzyl Chloride
Concen: 12.761 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 286045
Ion Ratio Lower Upper
91 100
126 17.0 13.8 20.8
128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.656 ppbv

RT: 16.632 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion:105 Resp: 513080

Ion Ratio Lower Upper

105 100

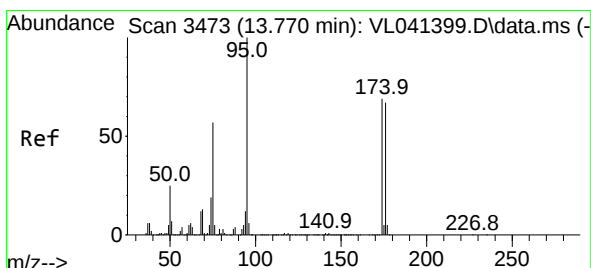
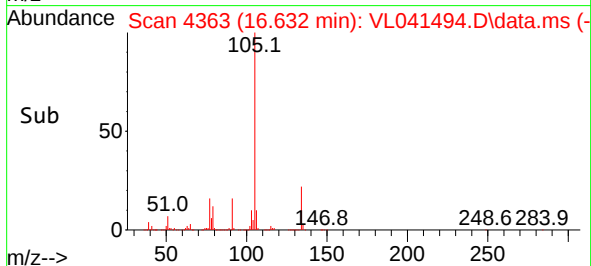
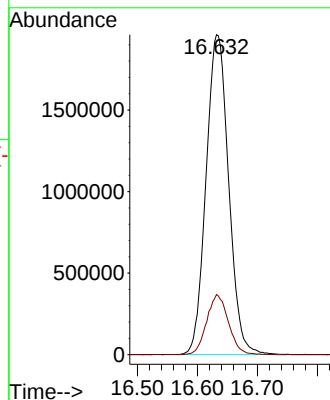
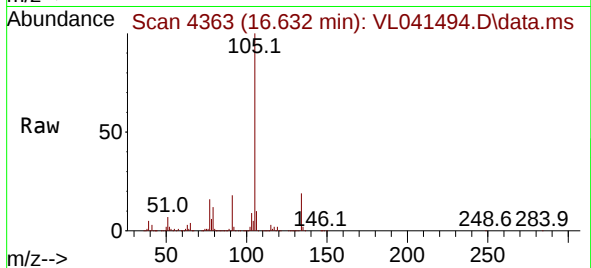
134 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.322 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

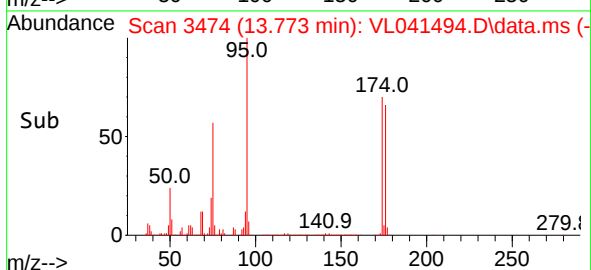
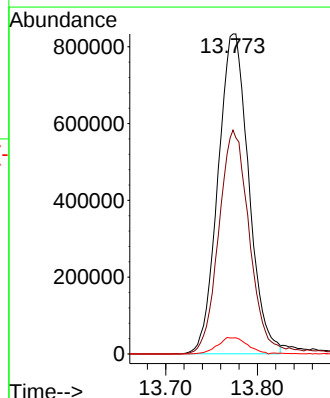
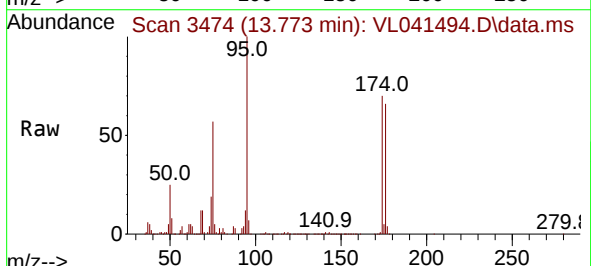
Tgt Ion: 95 Resp: 1939750

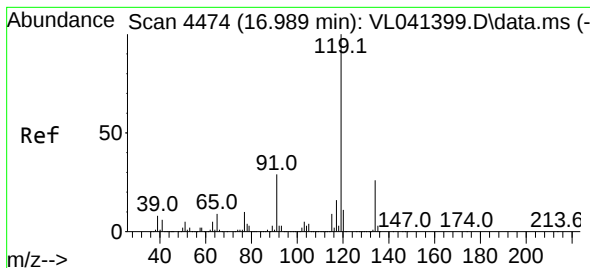
Ion Ratio Lower Upper

95 100

174 71.5 56.3 84.5

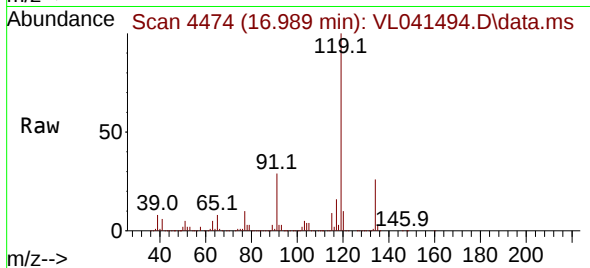
175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.857 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

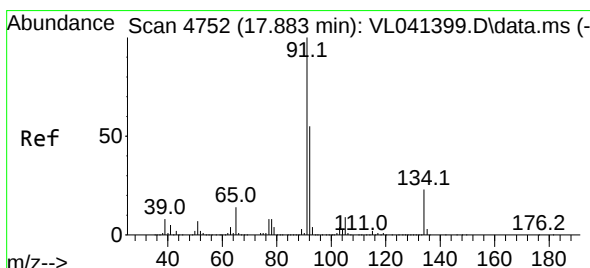
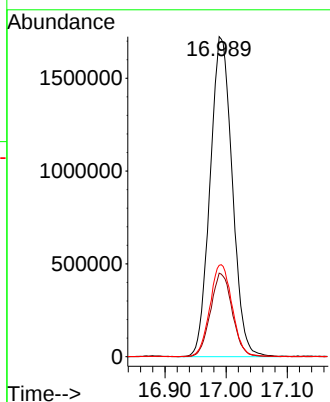
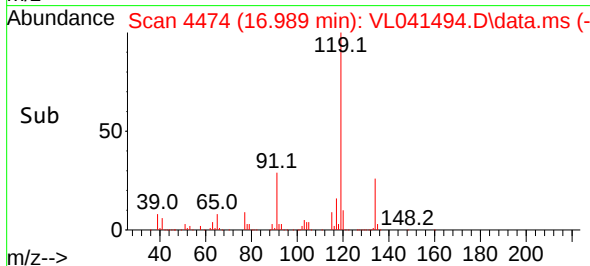
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion:119 Resp: 433784
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 28.7 23.2 34.8

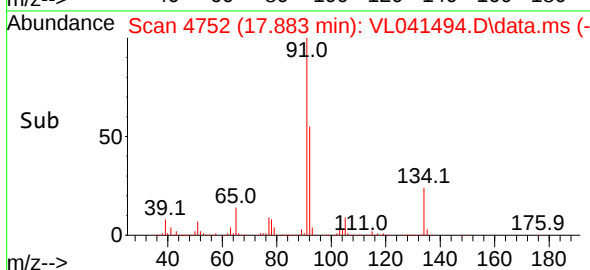
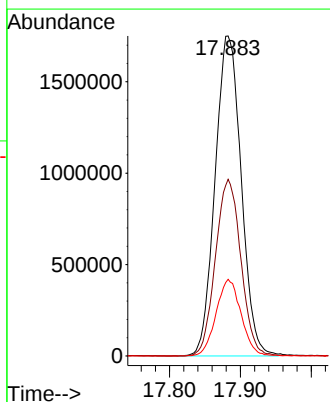
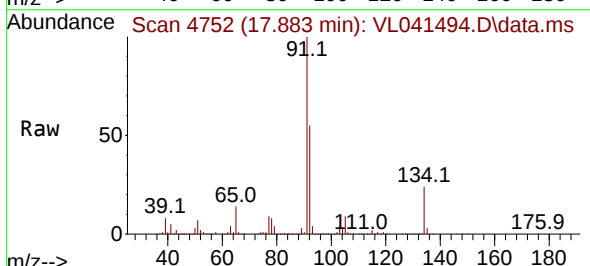
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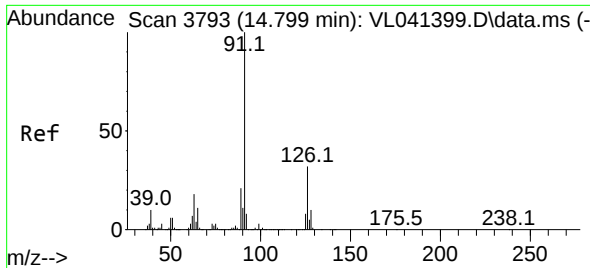
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#70
n-Butylbenzene
Concen: 10.938 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion: 91 Resp: 4480169
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.0 18.5 27.7





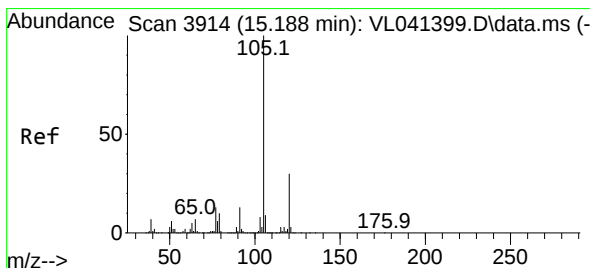
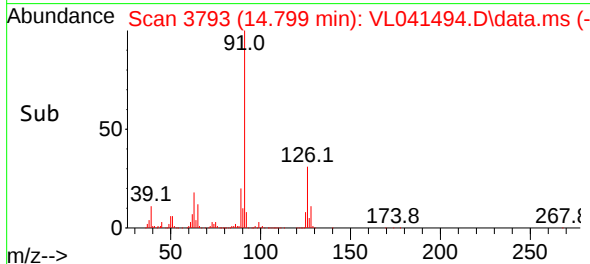
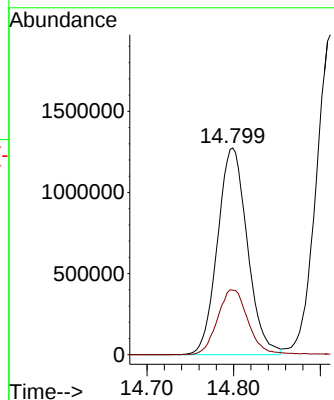
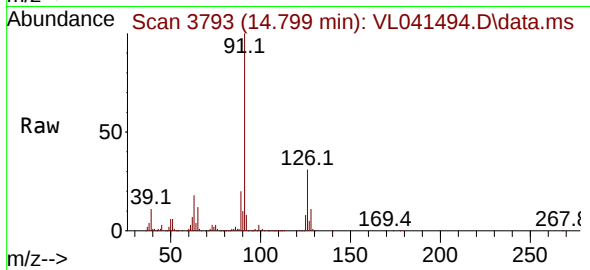
#71
2-Chlorotoluene
Concen: 10.677 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01

Tgt Ion: 91 Resp: 3046529
Ion Ratio Lower Upper
91 100
126 32.8 12.7 50.9

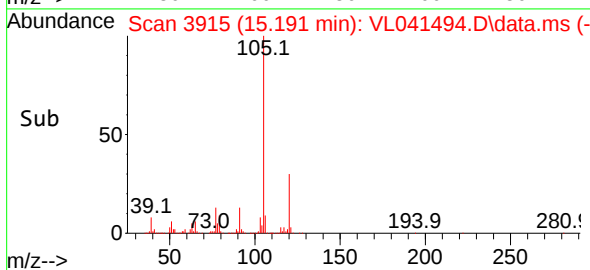
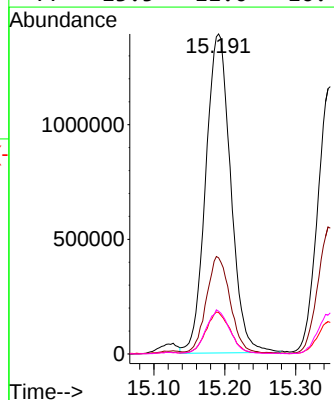
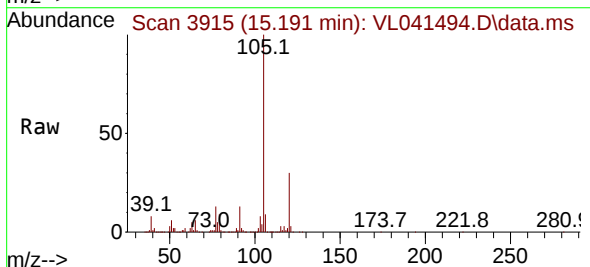
Manual Integrations
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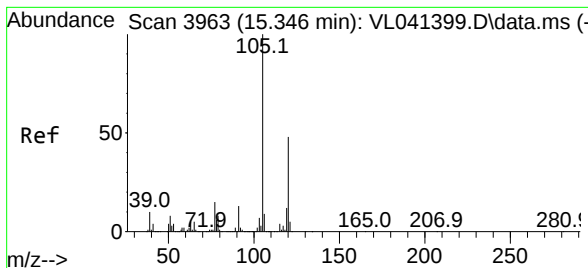
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 11.377 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion:105 Resp: 3408854
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.2
91 12.9 10.4 15.6
77 13.5 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 11.091 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.006 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01

Tgt Ion:105 Resp: 2863014

Ion Ratio Lower Upper

105 100

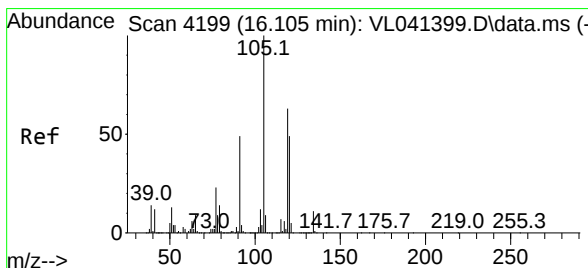
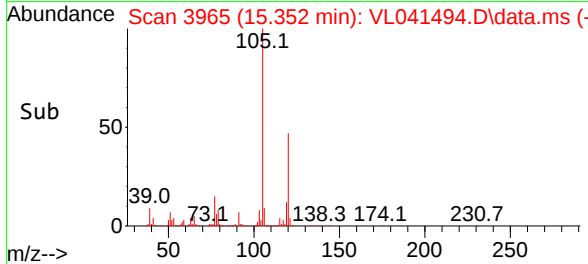
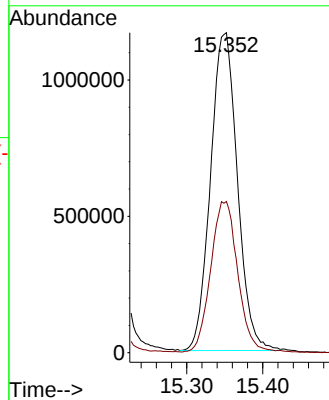
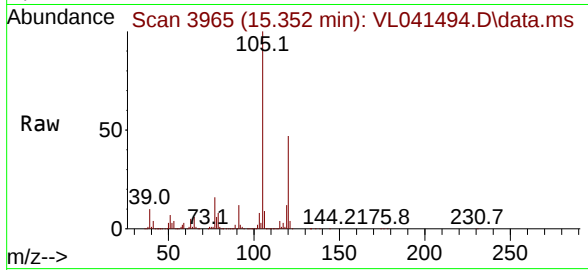
120 47.3 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.718 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041494.D

Acq: 5 Aug 2024 9:45

Tgt Ion:105 Resp: 3216640

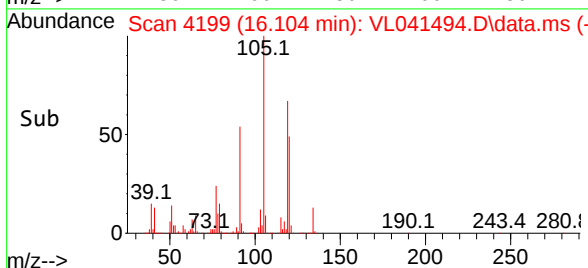
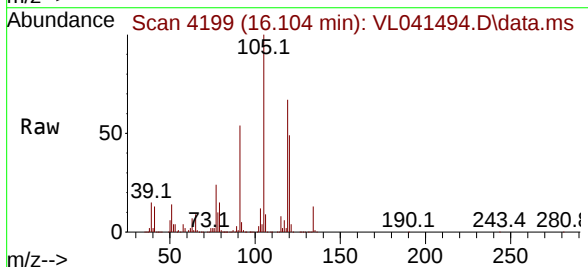
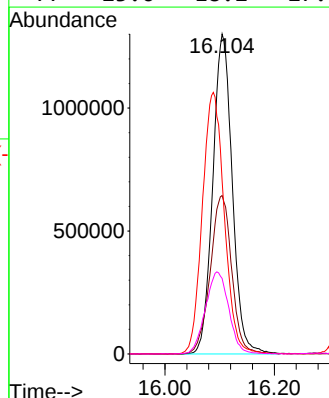
Ion Ratio Lower Upper

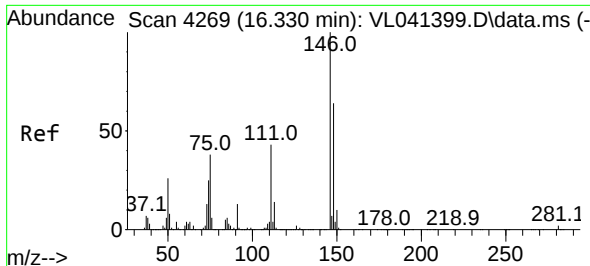
105 100

120 49.5 39.5 59.3

91 54.0 39.8 59.8

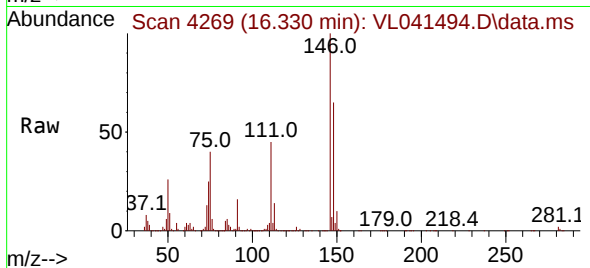
77 23.6 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.597 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

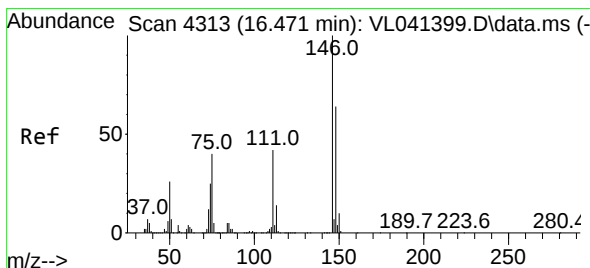
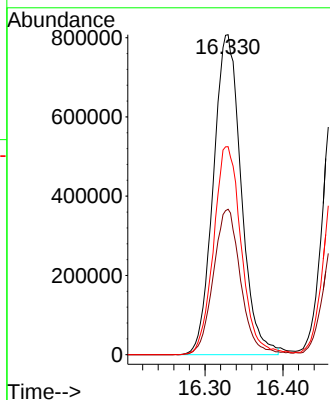
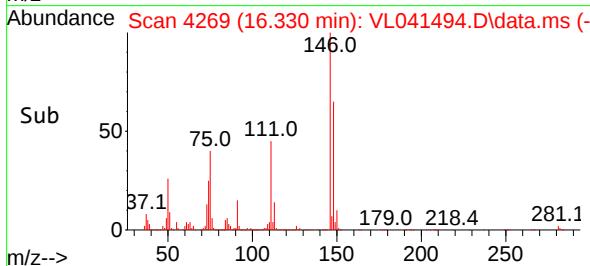
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



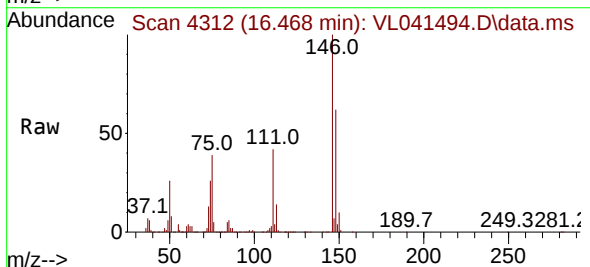
Tgt Ion:146 Resp: 1999120
Ion Ratio Lower Upper
146 100
111 44.9 22.6 67.8
148 65.1 32.3 96.8

Manual Integrations
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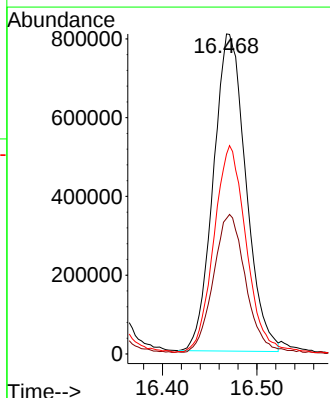
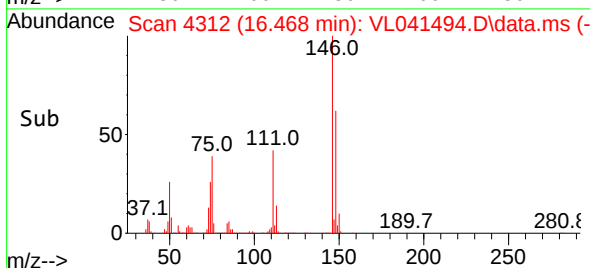
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

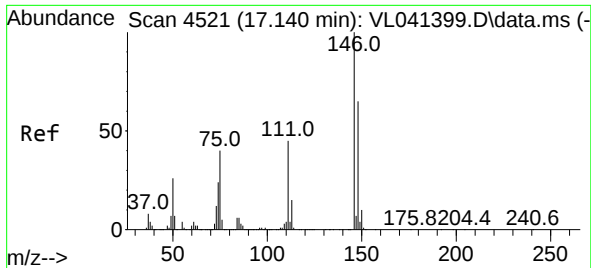


#76
1,4-Dichlorobenzene
Concen: 10.553 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



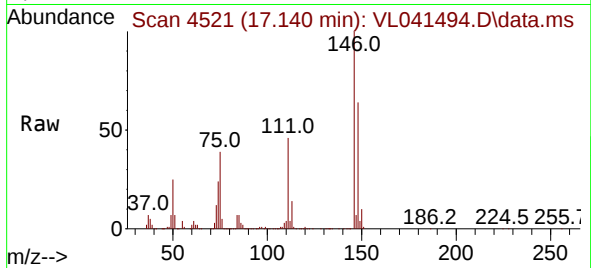
Tgt Ion:146 Resp: 1927662
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 66.4 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 10.435 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.003 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

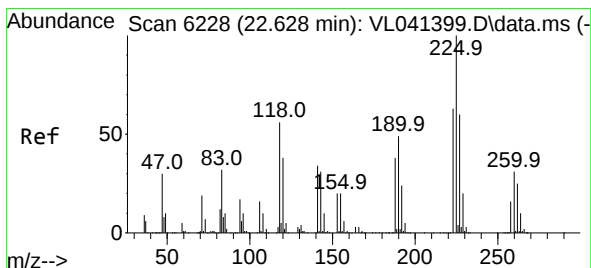
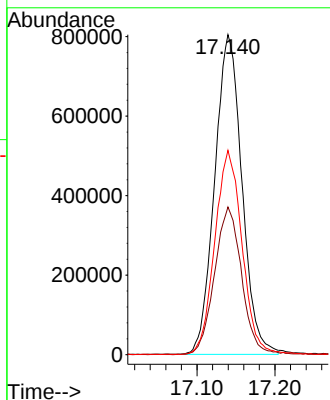
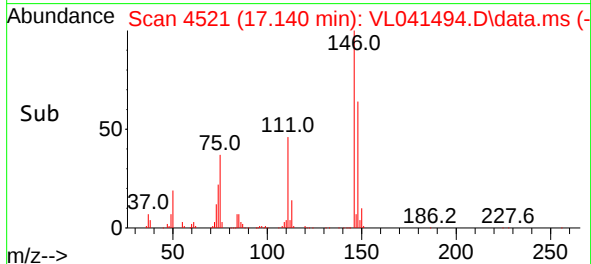
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



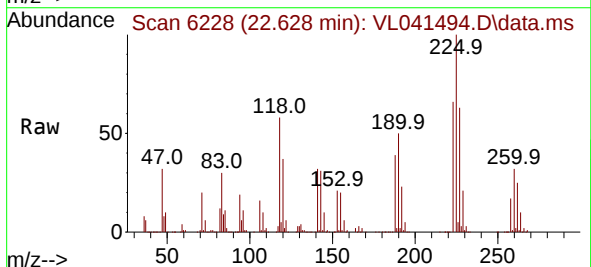
Tgt Ion:146 Resp: 1951420
Ion Ratio Lower Upper
146 100
111 46.3 23.4 70.0
148 64.3 32.2 96.6

Manual Integrations
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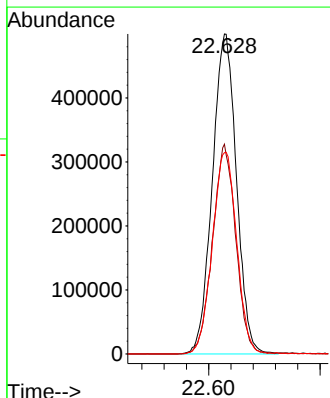
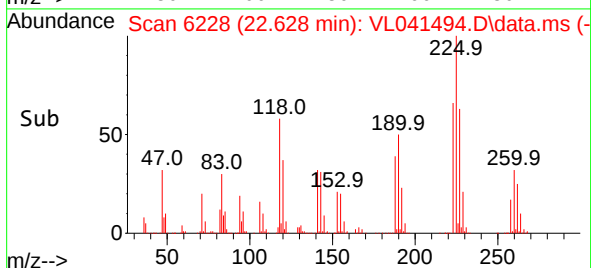
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

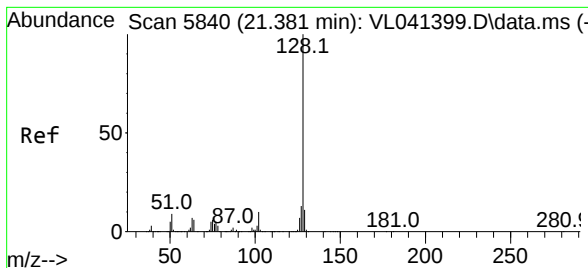


#78
Hexachloro-1,3-Butadiene
Concen: 9.425 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45



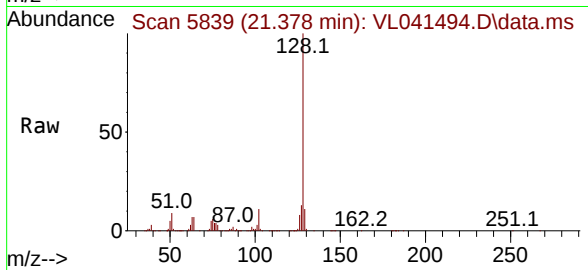
Tgt Ion:225 Resp: 1503067
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.8 50.8 76.2





#79
Naphthalene
Concen: 12.527 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

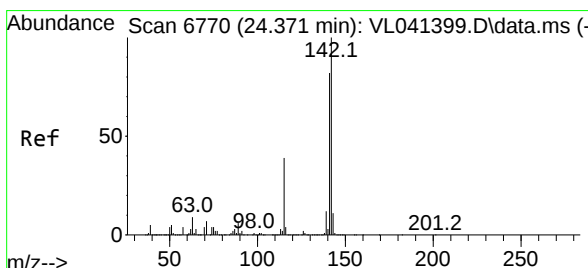
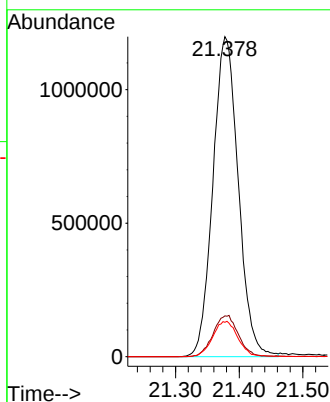
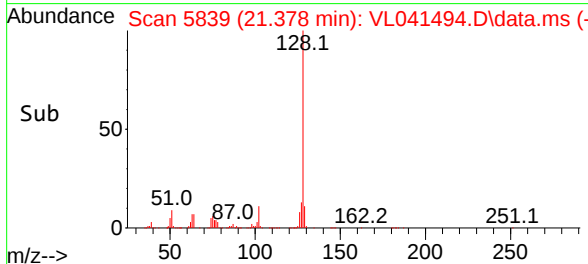
Instrument :
MSVOA_L
ClientSampleId :
VL0805ABS01



Tgt Ion:128 Resp: 3318120
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 9.0 13.4

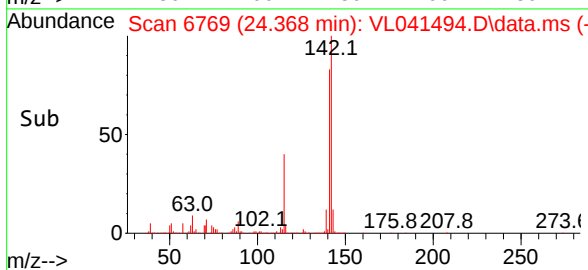
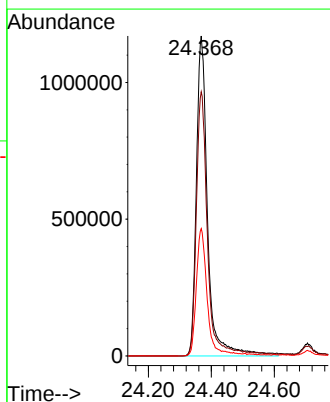
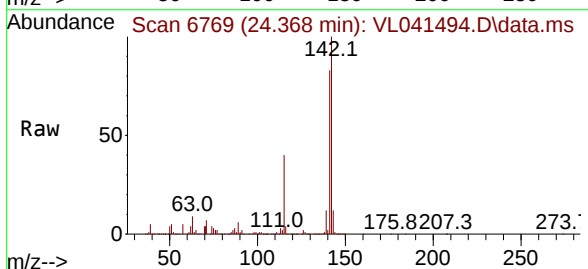
Manual Integrations
APPROVED

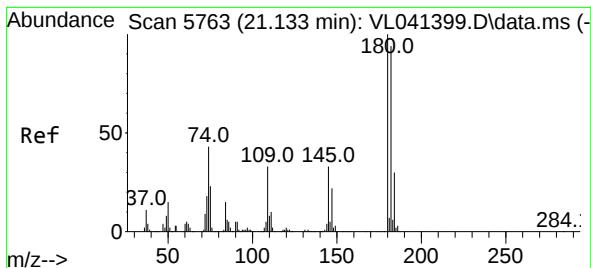
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#80
Naphthalene,2-methyl-
Concen: 13.080 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.006 min
Lab File: VL041494.D
Acq: 5 Aug 2024 9:45

Tgt Ion:142 Resp: 2904357
Ion Ratio Lower Upper
142 100
141 83.0 67.0 100.4
115 38.5 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 11.074 ppbv

RT: 21.133 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041494.D

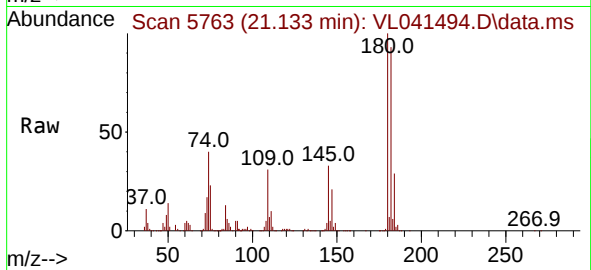
Acq: 5 Aug 2024 9:45

Instrument :

MSVOA_L

ClientSampleId :

VL0805ABS01



Tgt Ion:180 Resp: 174566

Ion Ratio Lower Upper

180 100

182 96.7 76.7 115.1

184 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024

