

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041089.D
 Acq On : 11 Mar 2024 16:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL031124

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 06:43:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 06:25:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.202	49	1503683	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	4019042	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3830395	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2885444 9.635 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	2630037	9.179	ppbv	99
3) Chlorodifluoromethane	2.674	51	2056605	9.312	ppbv	100
4) Chloromethane	2.816	50	782069	9.357	ppbv	98
5) Vinyl Chloride	2.922	62	822162	9.667	ppbv	98
6) Bromomethane	3.121	94	331667	9.833	ppbv	91
7) Chloroethane	3.198	64	277515	9.396	ppbv	99
8) Dichlorotetrafluoroethane	2.858	85	1956477	9.403	ppbv	99
9) Propene	2.697	41	700788	9.529	ppbv	98
10) Heptane	7.591	43	1795164	10.201	ppbv	99
11) Trichlorofluoromethane	3.568	101	2032573	9.199	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.073	101	1462896	9.006	ppbv	98
13) Ethanol	3.243	45	169835m	8.665	ppbv	
14) Bromoethene	3.369	108	615400	9.716	ppbv	100
15) Acetone	3.472	43	1413686	8.252	ppbv	99
16) 1,3-Butadiene	2.989	39	748595	9.633	ppbv	97
17) tert-Butyl alcohol	3.886	59	1320931	10.414	ppbv	98
18) 1,1-Dichloroethene	3.886	96	658767	9.291	ppbv	99
19) Isopropyl Alcohol	3.578	45	935450	10.223	ppbv #	97
20) Methylene Chloride	3.938	84	548972	8.220	ppbv	97
21) Allyl Chloride	4.002	41	978822	10.116	ppbv	97
22) trans-1,2-Dichloroethene	4.452	96	884546	10.687	ppbv	98
23) Vinyl Acetate	4.636	43	2198146	11.339	ppbv	98
24) 1,1-Dichloroethane	4.571	63	1780029	10.164	ppbv	100
25) Ethyl Acetate	5.211	43	3089652	10.011	ppbv	99
26) Hexane	5.224	57	1347553	9.769	ppbv	99
27) Carbon Disulfide	4.131	76	1737681	10.508	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	1312478	10.761	ppbv	100
29) Chloroform	5.285	83	2233207	9.507	ppbv	96
30) Cyclohexane	6.616	84	1159612	10.145	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	1393574	10.378	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	2242619	10.541	ppbv	98
34) 2-Butanone	4.793	43	1935748	9.728	ppbv	98
35) Carbon Tetrachloride	6.507	117	2344673	9.983	ppbv	99
36) Benzene	6.385	78	2883705	9.639	ppbv	98
37) 1,2-Dichloroethane	5.819	62	1667934	9.267	ppbv	98
38) Trichloroethene	7.304	130	1102648	10.148	ppbv	98
39) 1,2-Dichloropropane	7.086	63	1118206	9.344	ppbv	95
40) 1,4-Dioxane	7.295	88	439124	9.320	ppbv #	1
41) Tetrahydrofuran	5.565	42	1187276	10.025	ppbv	98
42) Bromodichloromethane	7.263	83	2493440	9.670	ppbv	99
43) Methyl Methacrylate	7.488	69	1210685	10.462	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	4678554	9.365	ppbv	99
45) t-1,3-Dichloropropene	8.726	75	926735	11.634	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041089.D
 Acq On : 11 Mar 2024 16:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 06:43:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

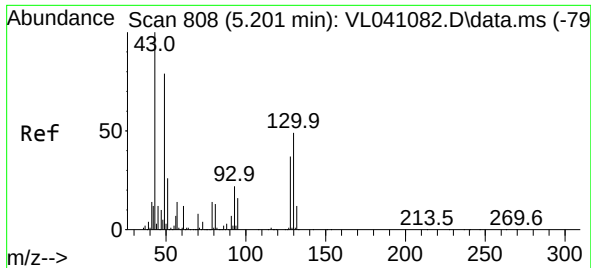
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Mar 12 06:25:15 2024

Response via : Initial Calibration

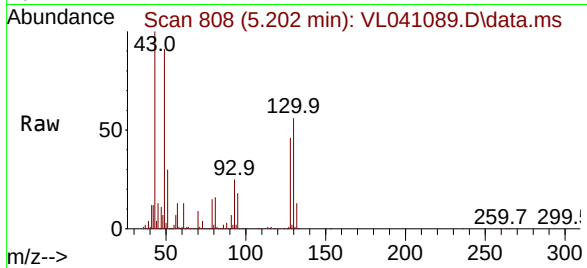
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1100087	10.997	ppbv	97
47) 1,1,2-Trichloroethane	8.918	97	1231492m	9.648	ppbv	
48) Dibromochloromethane	9.726	129	2125088	10.214	ppbv	99
49) Bromoform	12.426	173	1702364	10.287	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2921078	9.953	ppbv	100
51) 2-Hexanone	9.565	43	2127711	9.897	ppbv #	98
52) Tetrachloroethene	10.632	164	990837	10.678	ppbv	97
53) Toluene	9.237	91	3316203	10.284	ppbv	100
54) 1,2-Dibromoethane	10.025	107	1740073	10.600	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1527461	9.320	ppbv	96
57) Chlorobenzene	11.545	112	2541859	9.414	ppbv	97
58) Ethyl Benzene	12.105	91	4405511	9.824	ppbv	98
59) m/p-Xylene	12.385	91	7400415m	18.800	ppbv	
60) o-Xylene	13.076	91	3505833	9.380	ppbv	99
61) Styrene	12.915	104	1892175	11.211	ppbv	99
62) Isopropylbenzene	14.044	105	5194945	9.356	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	2593193	9.231	ppbv	99
64) n-propylbenzene	14.934	120	1369823	9.805	ppbv	94
65) tert-Butylbenzene	16.105	119	4523476	9.374	ppbv	98
66) Benzyl Chloride	16.346	91	352043	10.767	ppbv	99
67) sec-Butylbenzene	16.654	105	6413876	9.240	ppbv	99
69) p-Isopropyltoluene	17.011	119	5232726	9.664	ppbv	99
70) n-Butylbenzene	17.902	91	5537161	9.462	ppbv	100
71) 2-Chlorotoluene	14.819	91	4029829	9.489	ppbv	98
72) 4-Ethyltoluene	15.211	105	4125791	10.026	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	3565254	9.790	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	3886264	9.344	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	2275290	9.579	ppbv	100
76) 1,4-Dichlorobenzene	16.491	146	2207419	9.224	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	2204431	9.498	ppbv	99
78) Hexachloro-1,3-Butadiene	22.654	225	1346900	8.243	ppbv	100
79) Naphthalene	21.403	128	2964674	12.309	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	539993m	13.987	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	1456599	10.502	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.001 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

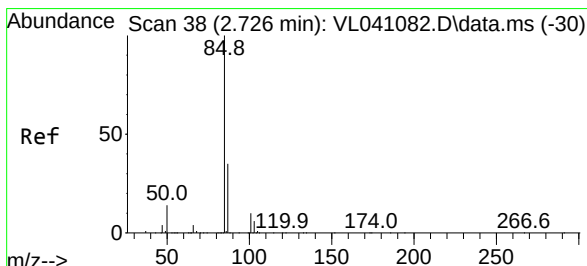
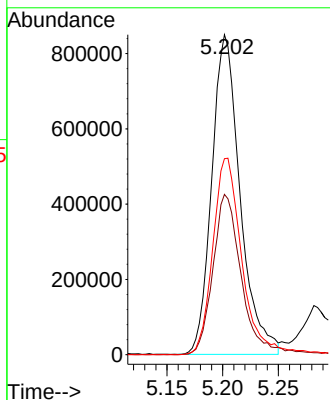
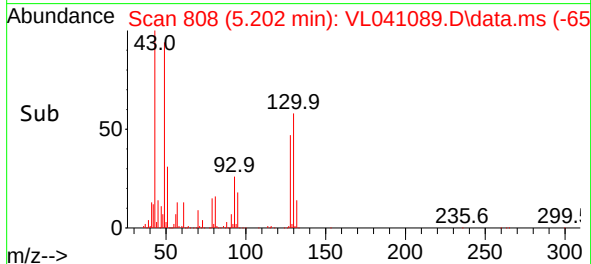
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



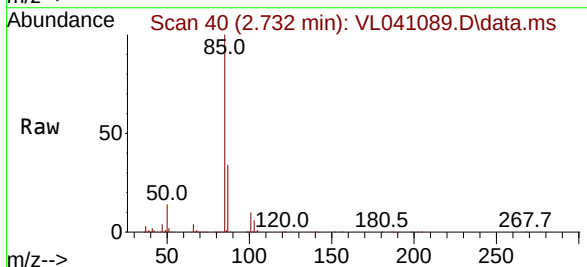
Tgt Ion: 49 Resp: 150368
Ion Ratio Lower Upper
49 100
128 51.2 23.8 71.5
130 63.8 30.3 90.9

Manual Integrations
APPROVED

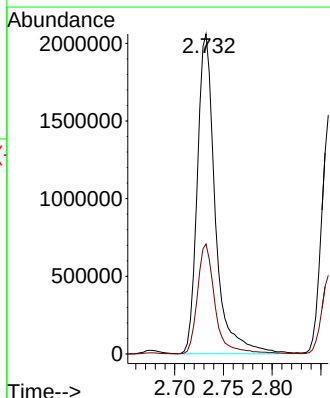
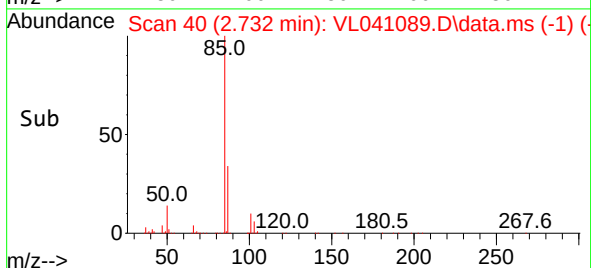
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

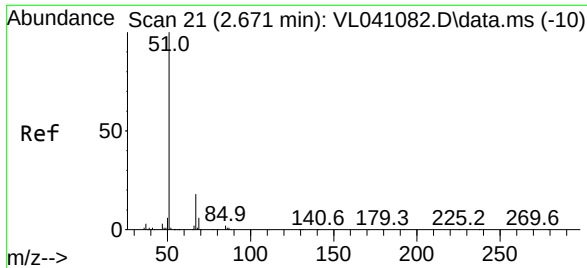


#2
Dichlorodifluoromethane
Concen: 9.179 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.007 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



Tgt Ion: 85 Resp: 2630037
Ion Ratio Lower Upper
85 100
87 34.3 28.1 42.1





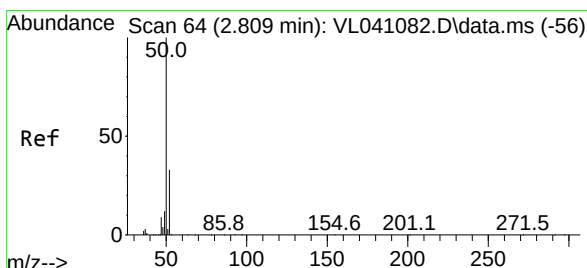
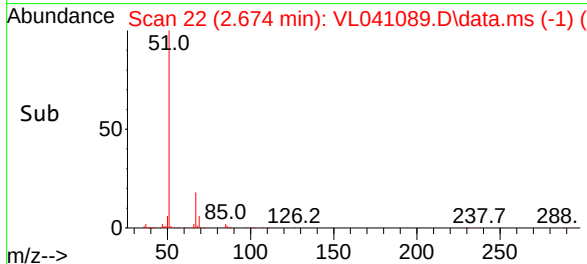
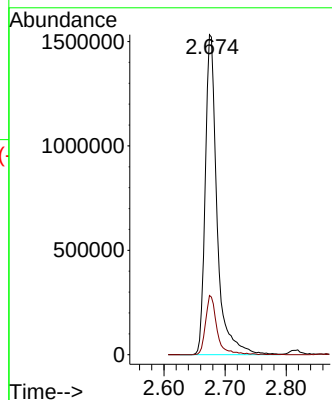
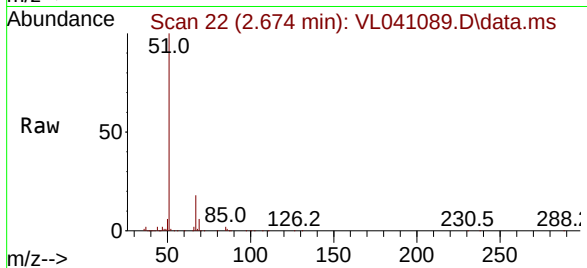
#3
Chlorodifluoromethane
Concen: 9.312 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124

Tgt Ion: 51 Resp: 2056609
Ion Ratio Lower Upper
51 100
67 18.2 14.5 21.7

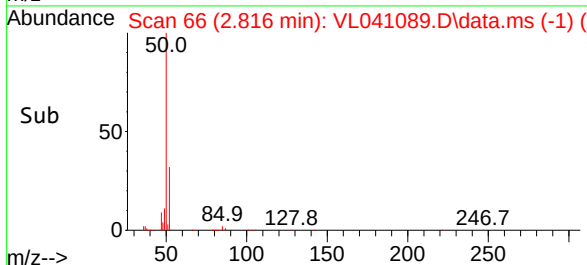
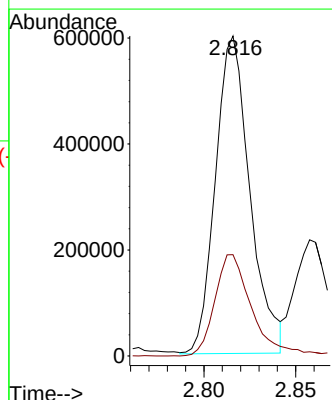
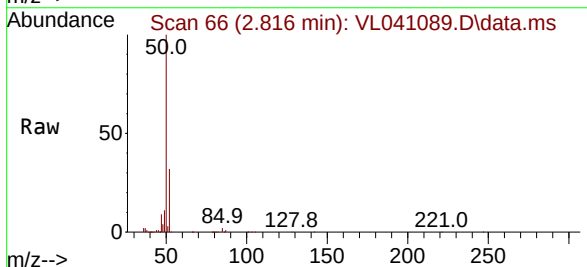
Manual Integrations
APPROVED

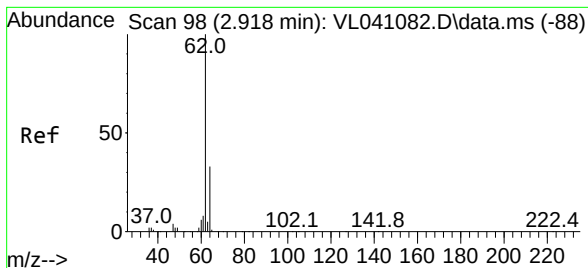
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#4
Chloromethane
Concen: 9.357 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.007 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Tgt Ion: 50 Resp: 782069
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0





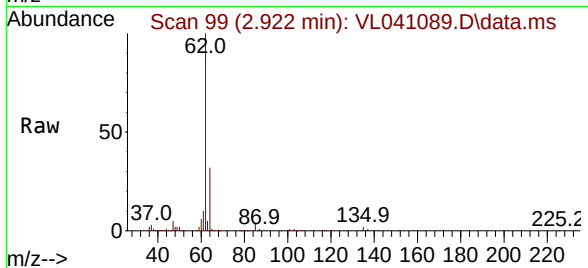
#5
 Vinyl Chloride
 Concen: 9.667 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

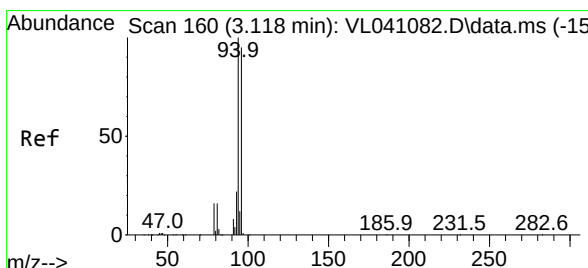
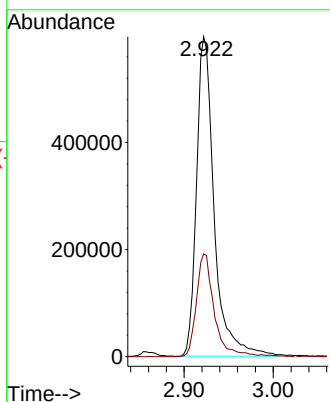
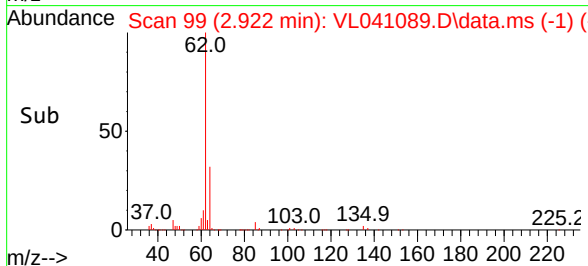


Tgt Ion: 62 Resp: 822162
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.5 39.7

Manual Integrations

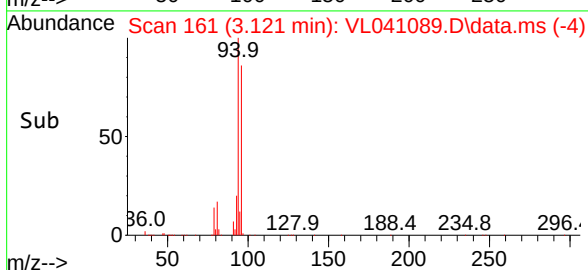
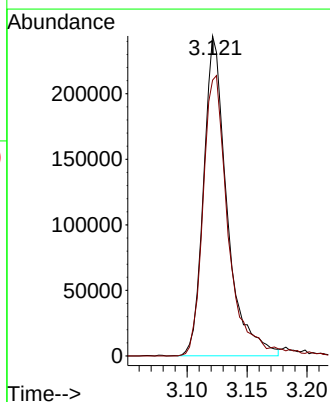
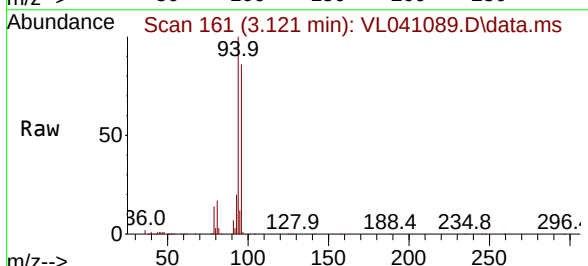
APPROVED

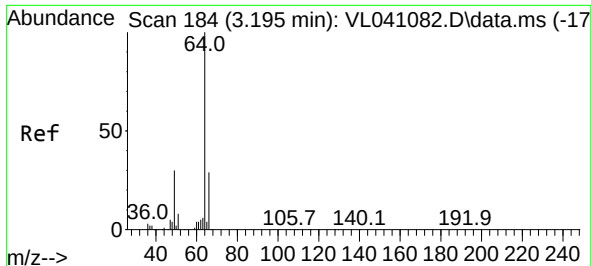
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#6
 Bromomethane
 Concen: 9.833 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

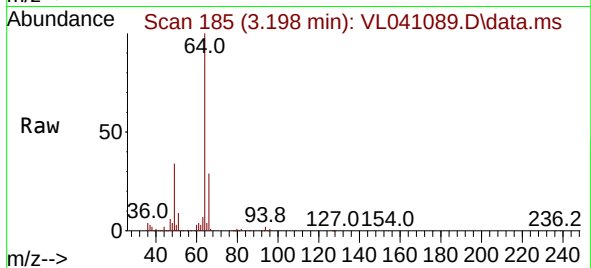
Tgt Ion: 94 Resp: 331667
 Ion Ratio Lower Upper
 94 100
 96 86.2 76.0 114.0





#7
Chloroethane
Concen: 9.396 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

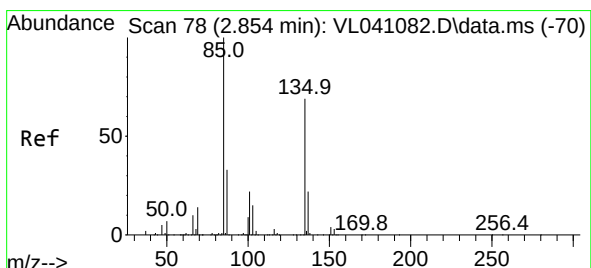
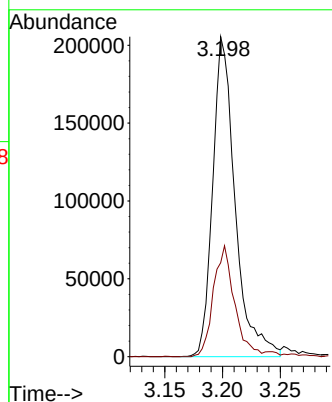
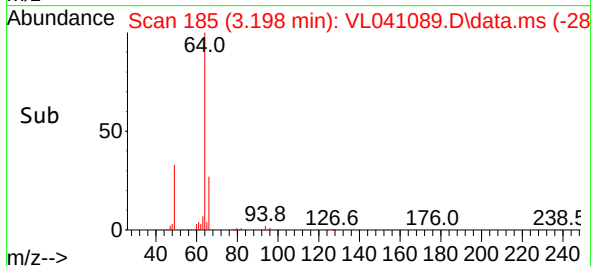
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion: 64 Resp: 27751
Ion Ratio Lower Upper
64 100
66 29.4 23.2 34.8

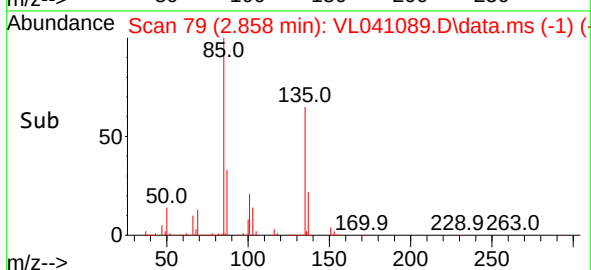
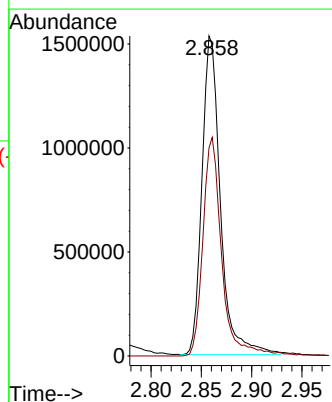
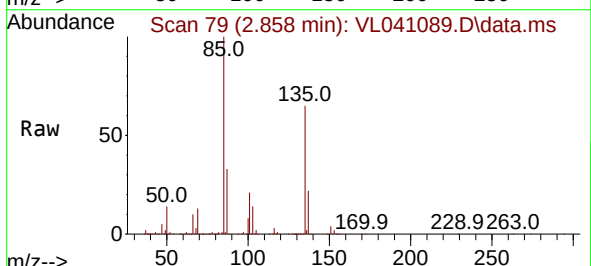
Manual Integrations
APPROVED

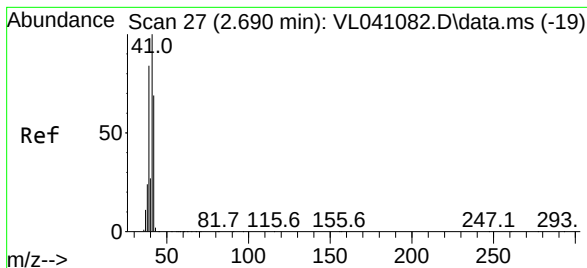
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Dichlorotetrafluoroethane
Concen: 9.403 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Tgt Ion: 85 Resp: 1956477
Ion Ratio Lower Upper
85 100
135 70.4 56.7 85.1





#9

Propene

Concen: 9.529 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.007 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion: 41 Resp: 700788

Ion Ratio Lower Upper

41 100

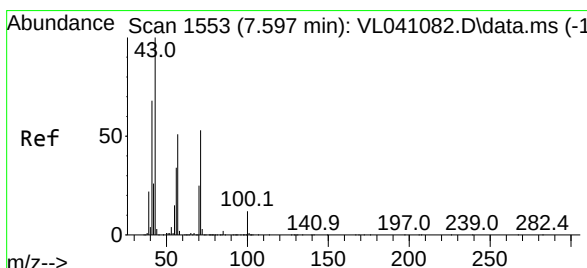
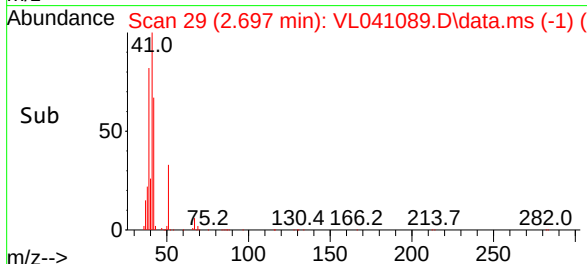
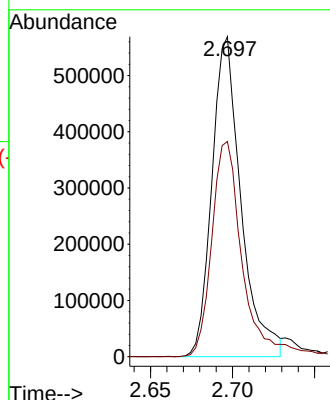
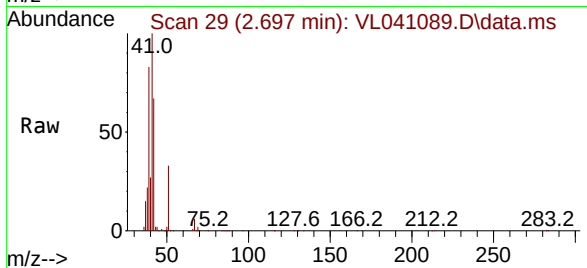
42 71.9 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#10

Heptane

Concen: 10.201 ppbv

RT: 7.591 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VL041089.D

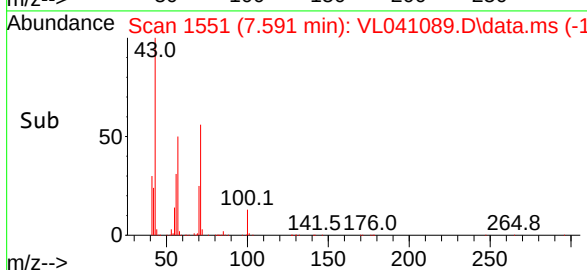
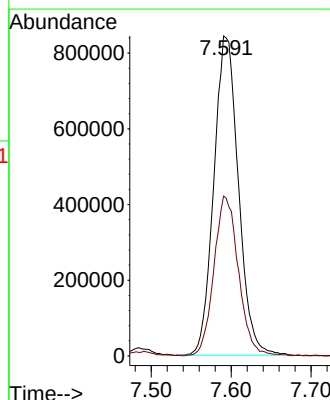
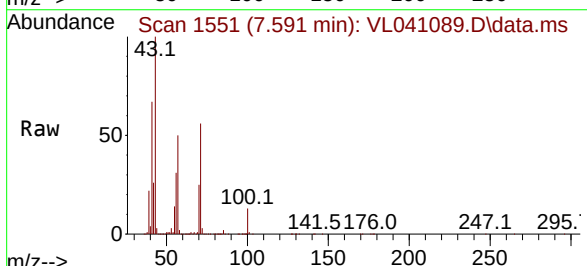
Acq: 11 Mar 2024 16:12

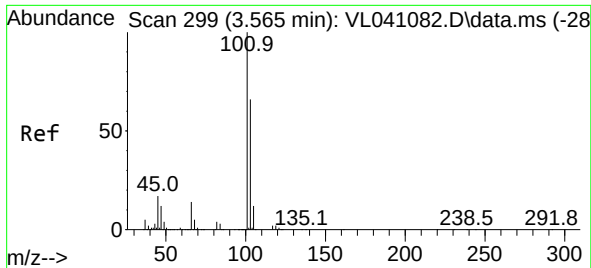
Tgt Ion: 43 Resp: 1795164

Ion Ratio Lower Upper

43 100

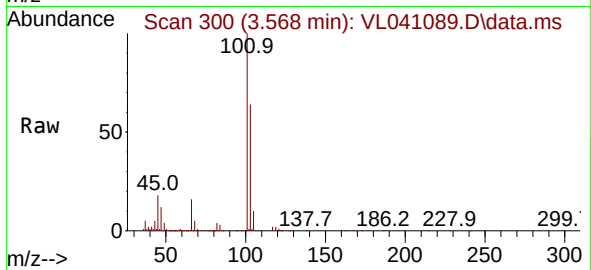
57 50.3 41.0 61.6





#11
 Trichlorofluoromethane
 Concen: 9.199 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

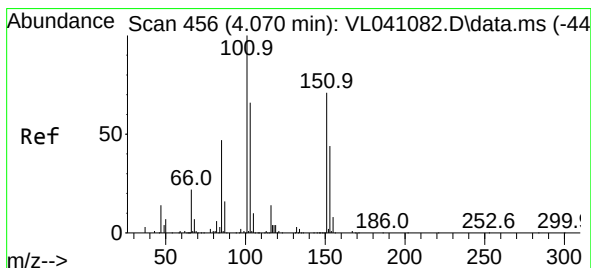
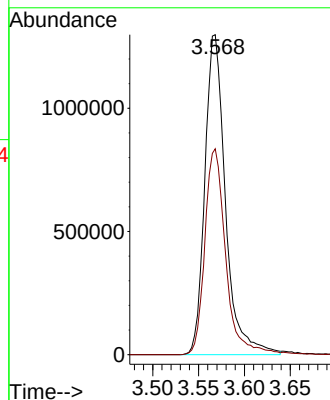
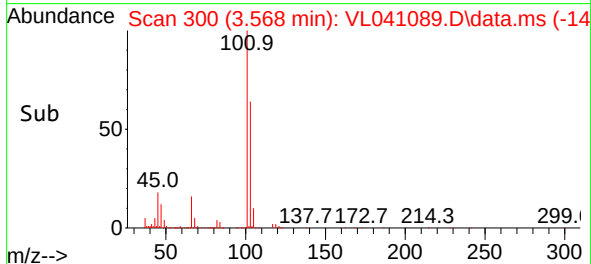
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124



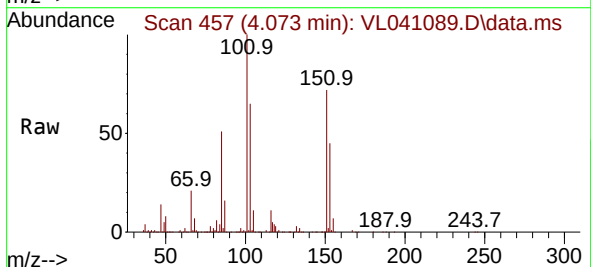
Tgt Ion:101 Resp: 203257
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.0 79.4

Manual Integrations
 APPROVED

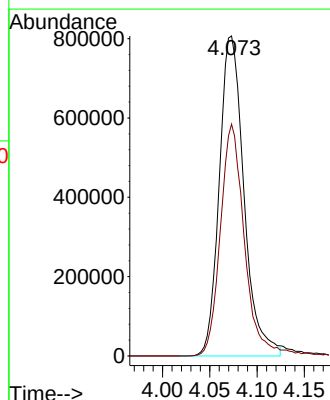
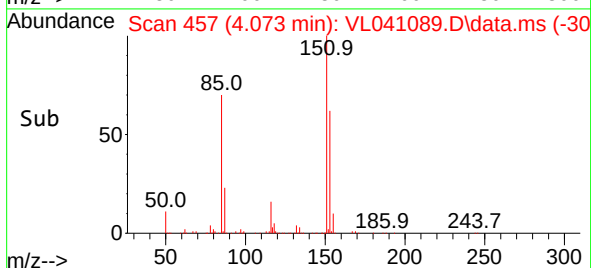
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

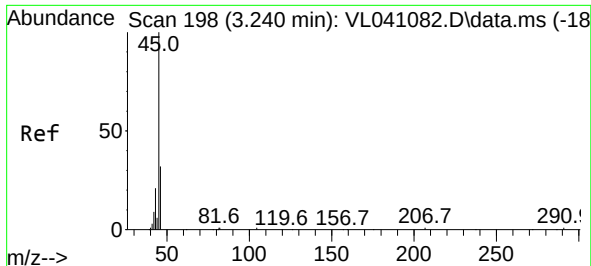


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.006 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12



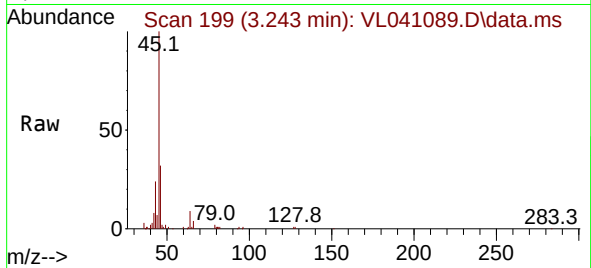
Tgt Ion:101 Resp: 1462896
 Ion Ratio Lower Upper
 101 100
 151 71.5 55.8 83.8





#13
Ethanol
Concen: 8.665 ppbv m
RT: 3.243 min Scan# 198
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

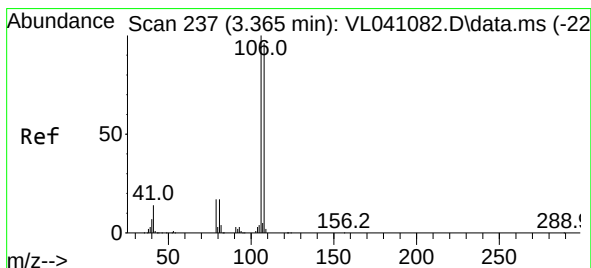
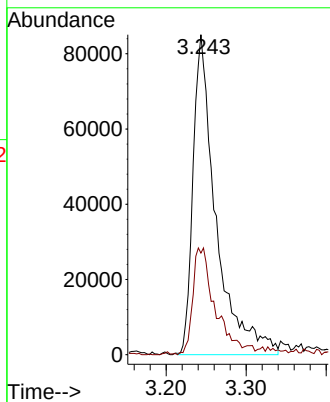
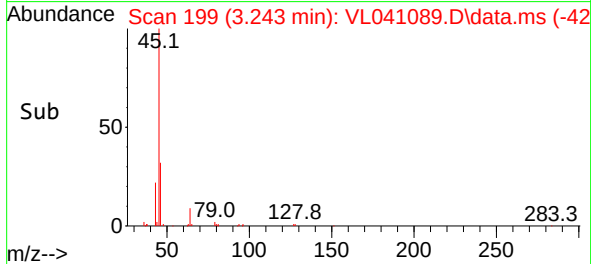
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



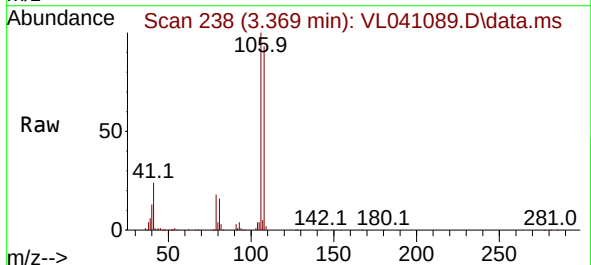
Tgt Ion: 45 Resp: 169835
Ion Ratio Lower Upper
45 100
46 35.6 14.6 58.2

Manual Integrations
APPROVED

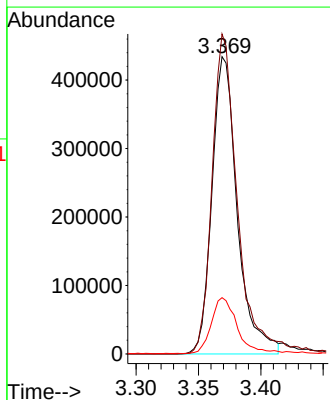
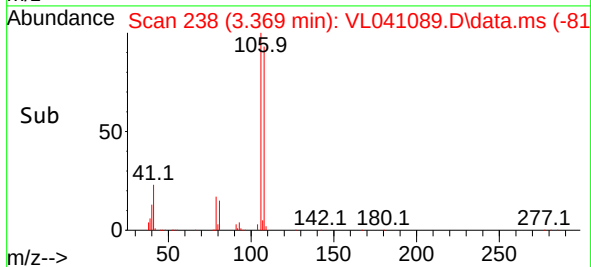
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

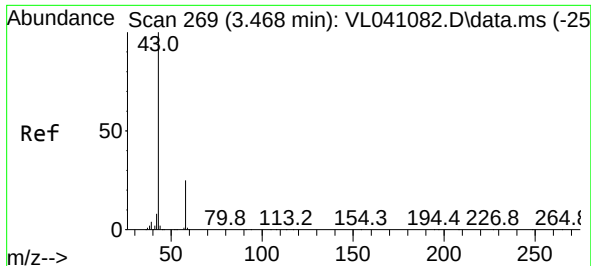


#14
Bromoethene
Concen: 9.716 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



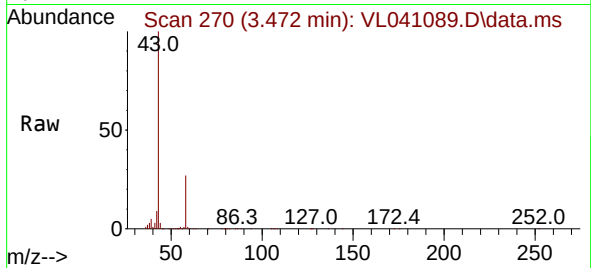
Tgt Ion:108 Resp: 615400
Ion Ratio Lower Upper
108 100
106 109.9 88.1 132.1
79 19.7 15.6 23.4





#15
Acetone
Concen: 8.252 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

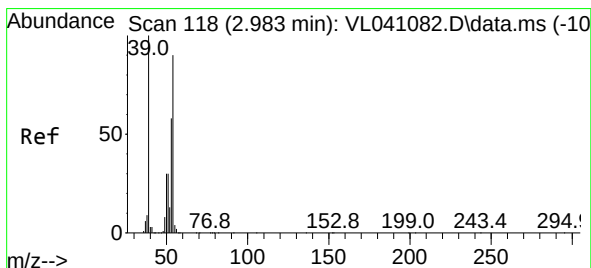
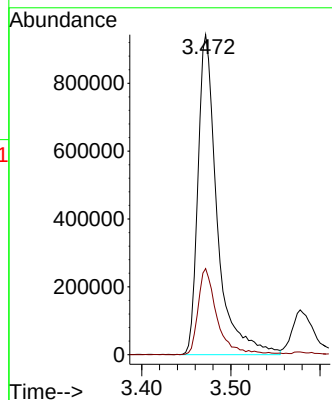
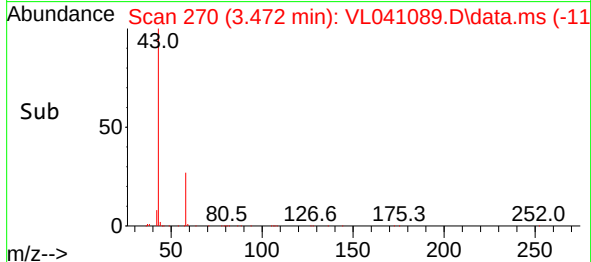
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



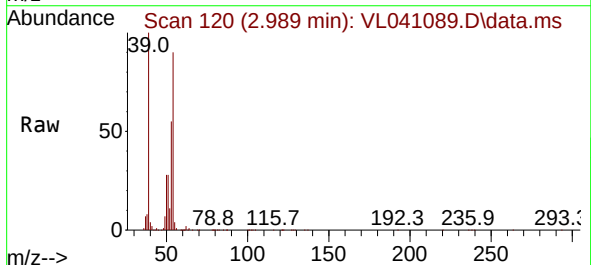
Tgt Ion: 43 Resp: 141368
Ion Ratio Lower Upper
43 100
58 26.8 21.7 32.5

Manual Integrations
APPROVED

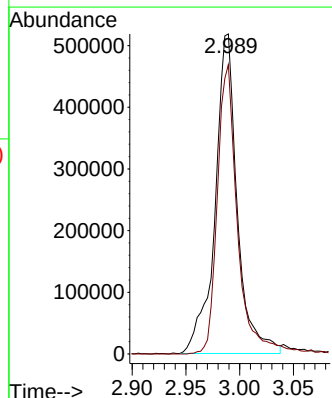
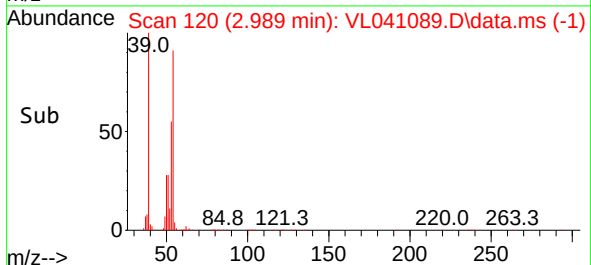
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

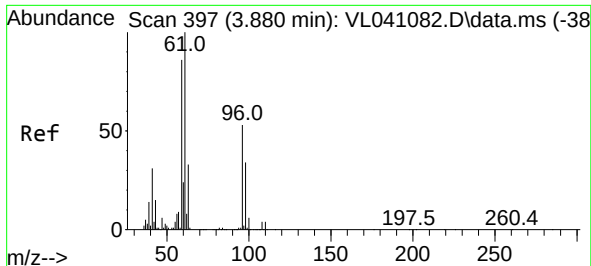


#16
1,3-Butadiene
Concen: 9.633 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.007 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



Tgt Ion: 39 Resp: 748595
Ion Ratio Lower Upper
39 100
54 82.9 64.0 96.0





#17

tert-Butyl alcohol

Concen: 10.414 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.007 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion: 59 Resp: 132093

Ion Ratio Lower Upper

59 100

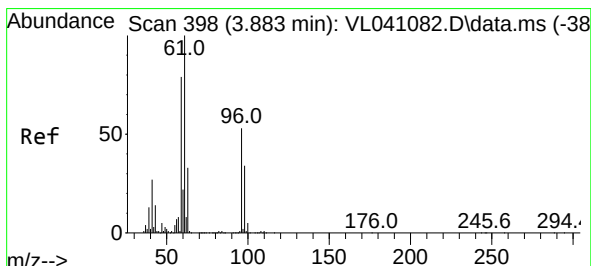
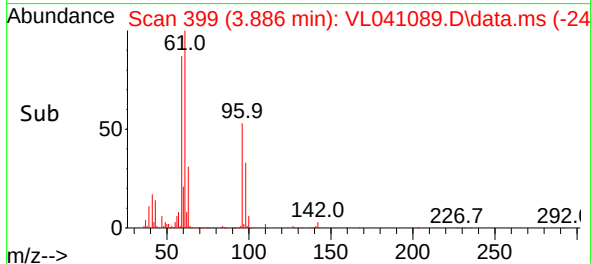
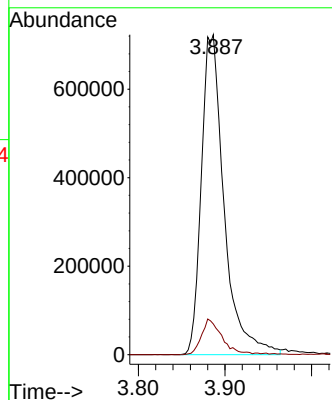
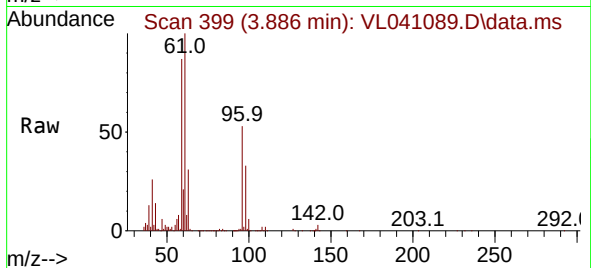
57 10.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#18

1,1-Dichloroethene

Concen: 9.291 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

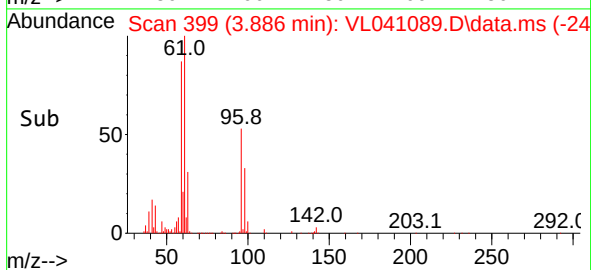
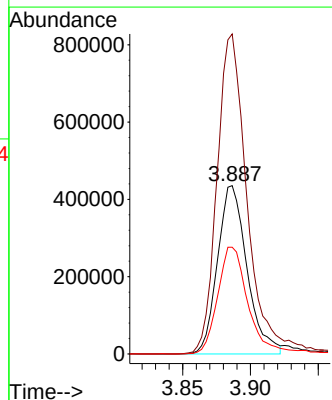
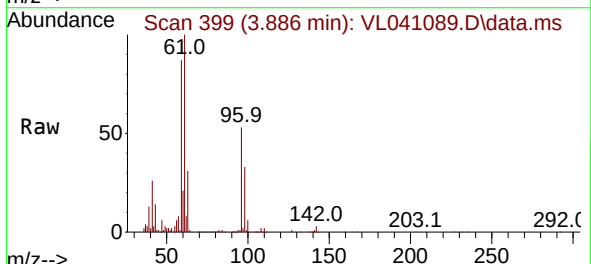
Tgt Ion: 96 Resp: 658767

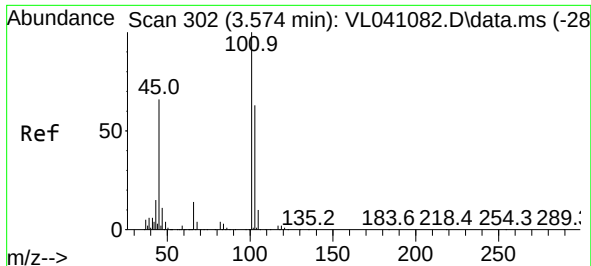
Ion Ratio Lower Upper

96 100

61 190.0 150.2 225.2

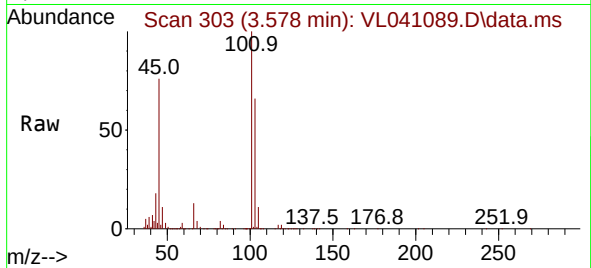
98 63.4 50.7 76.1





#19
Isopropyl Alcohol
Concen: 10.223 ppbv
RT: 3.578 min Scan# 302
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

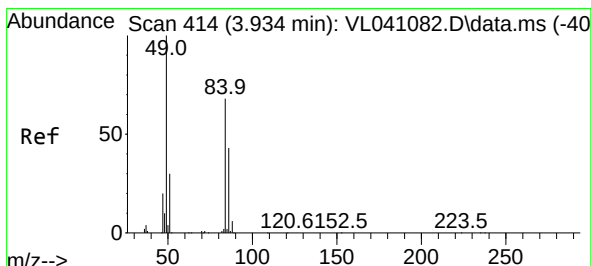
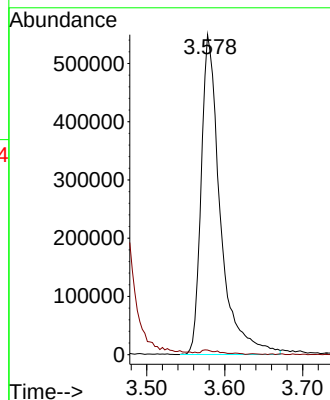
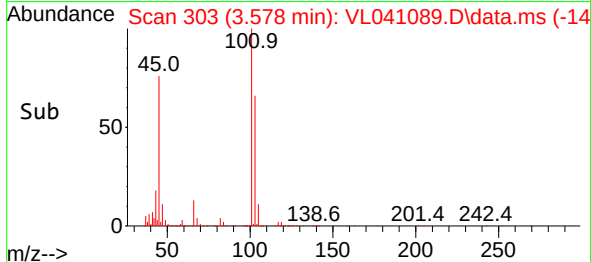
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



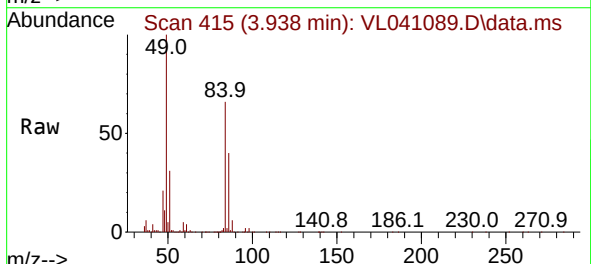
Tgt Ion: 45 Resp: 935450
Ion Ratio Lower Upper
45 100
58 1.9 2.2 3.4

Manual Integrations
APPROVED

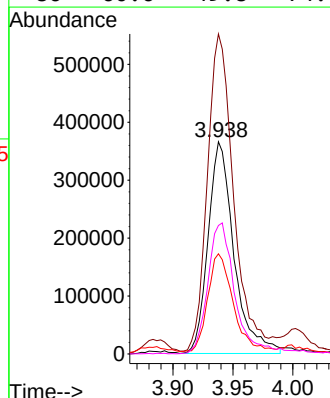
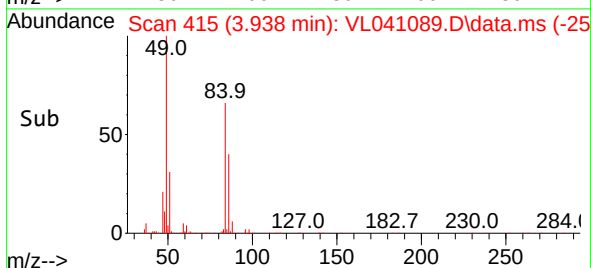
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

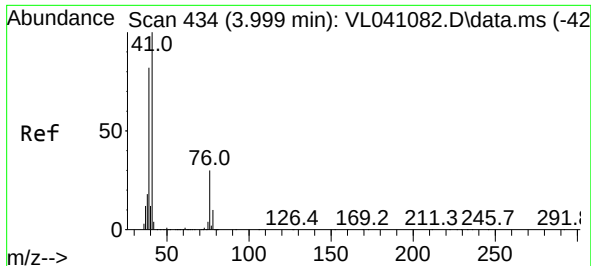


#20
Methylene Chloride
Concen: 8.220 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



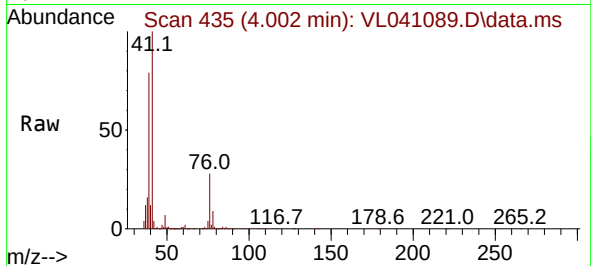
Tgt Ion: 84 Resp: 548972
Ion Ratio Lower Upper
84 100
49 149.8 117.0 175.6
51 46.2 34.9 52.3
86 60.6 49.8 74.6





#21
 Allyl Chloride
 Concen: 10.116 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

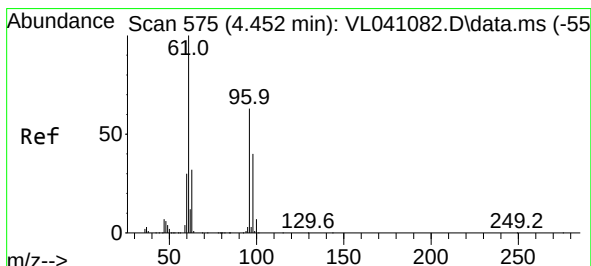
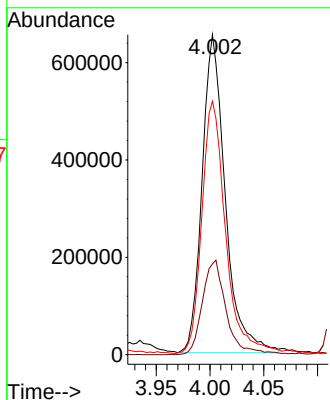
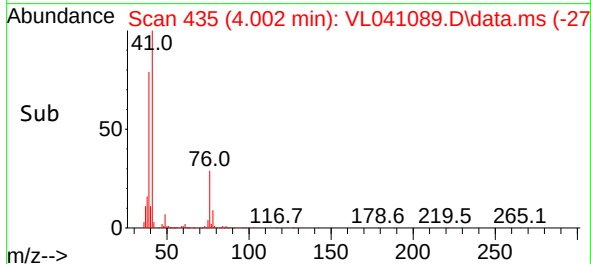
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124



Tgt Ion: 41 Resp: 97882
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.5 38.3
 39 81.5 67.4 101.2

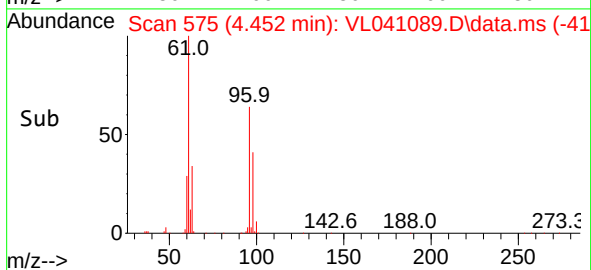
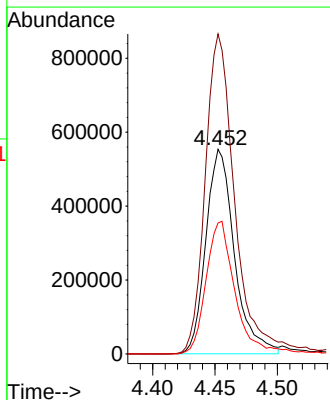
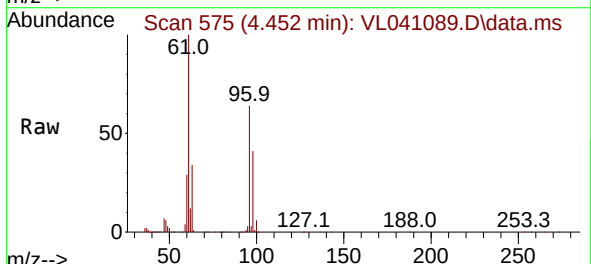
Manual Integrations
 APPROVED

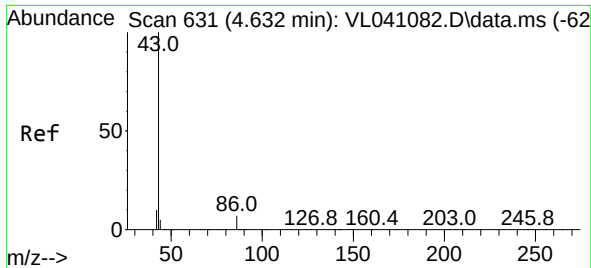
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.687 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

Tgt Ion: 96 Resp: 884546
 Ion Ratio Lower Upper
 96 100
 61 156.2 126.7 190.1
 98 64.0 50.1 75.1





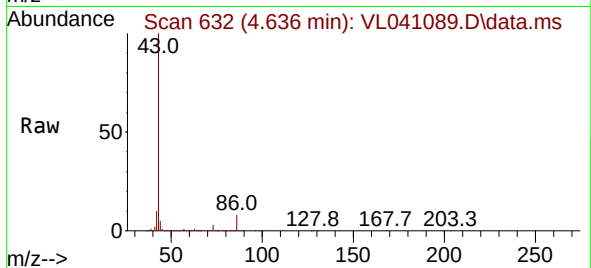
#23
 Vinyl Acetate
 Concen: 11.339 ppbv
 RT: 4.636 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

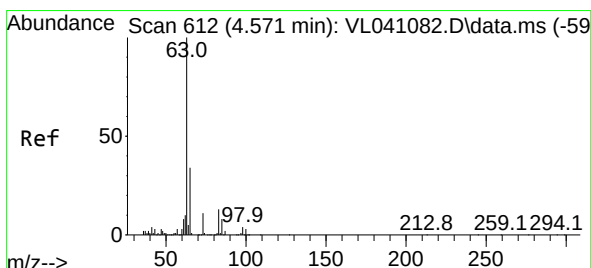
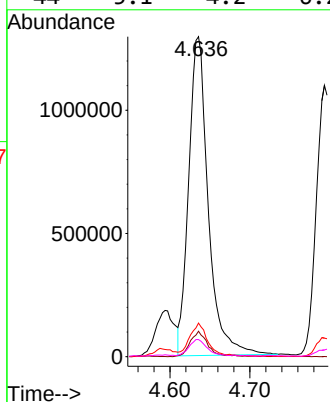
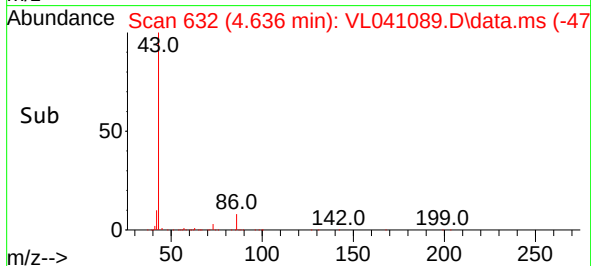


Tgt Ion: 43 Resp: 2198140
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.4 8.2
 42 10.5 8.0 12.0
 44 5.1 4.2 6.2

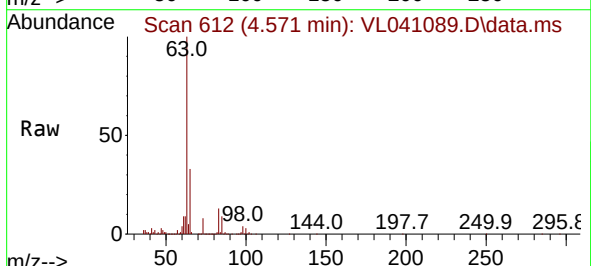
Manual Integrations

APPROVED

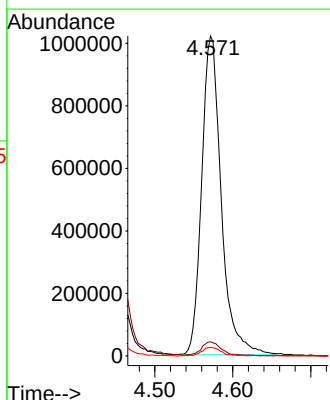
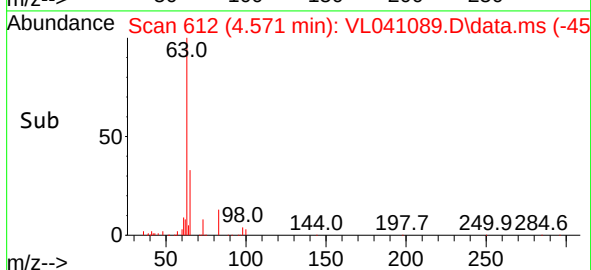
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

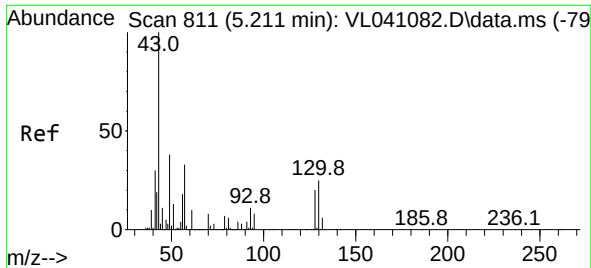


#24
 1,1-Dichloroethane
 Concen: 10.164 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12



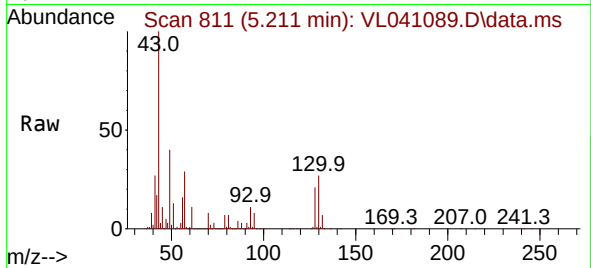
Tgt Ion: 63 Resp: 1780029
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.5
 100 2.7 1.4 4.2





#25
Ethyl Acetate
Concen: 10.011 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

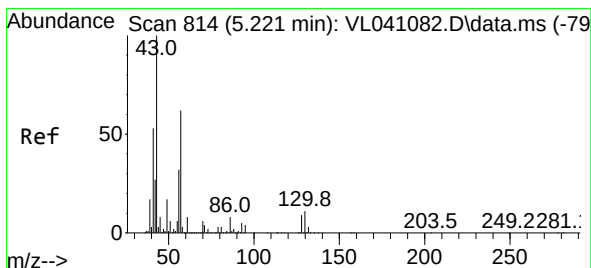
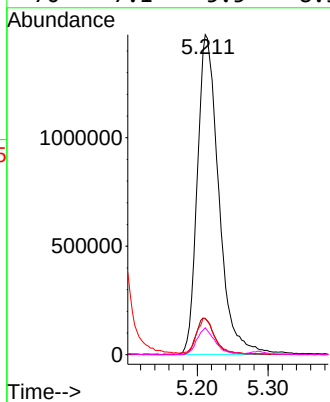
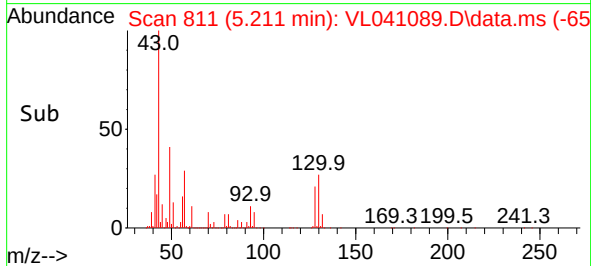
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



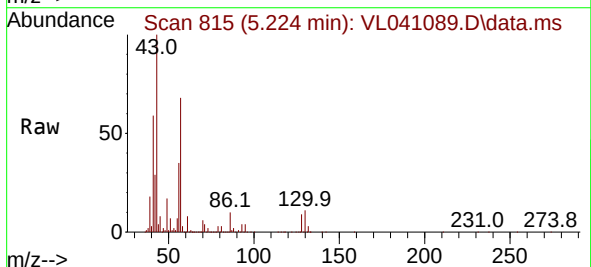
Tgt Ion: 43 Resp: 3089652
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 10.0 8.2 12.2
70 7.1 5.5 8.3

Manual Integrations
APPROVED

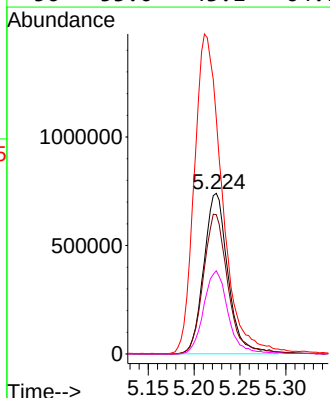
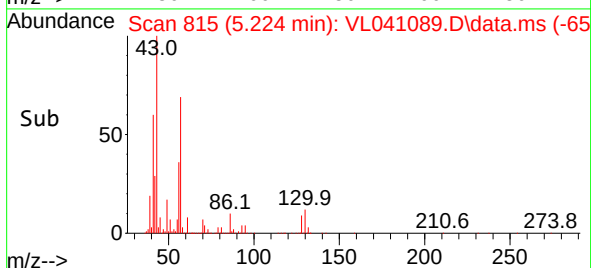
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

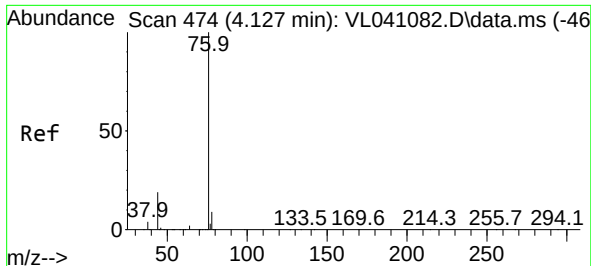


#26
Hexane
Concen: 9.769 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



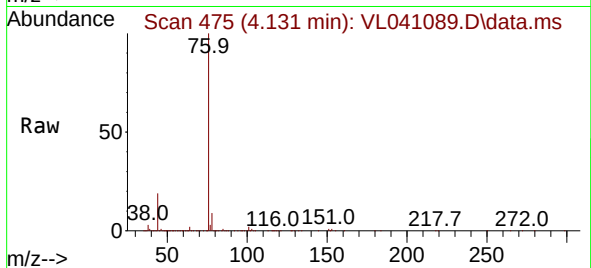
Tgt Ion: 57 Resp: 1347553
Ion Ratio Lower Upper
57 100
41 89.7 73.8 110.6
43 231.2 184.2 276.2
56 53.0 43.1 64.7





#27
Carbon Disulfide
Concen: 10.508 ppbv
RT: 4.131 min Scan# 475
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124

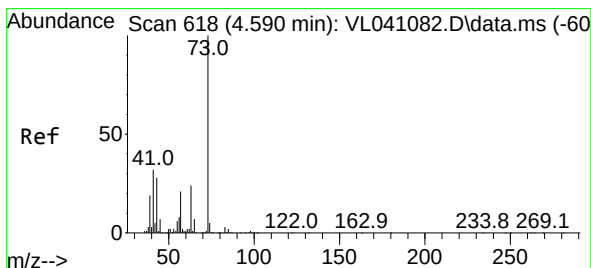
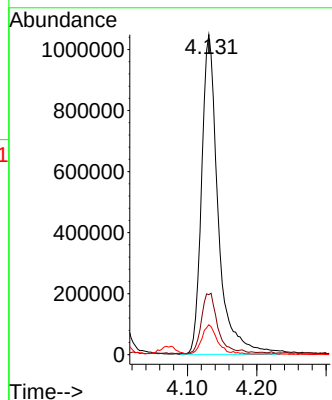
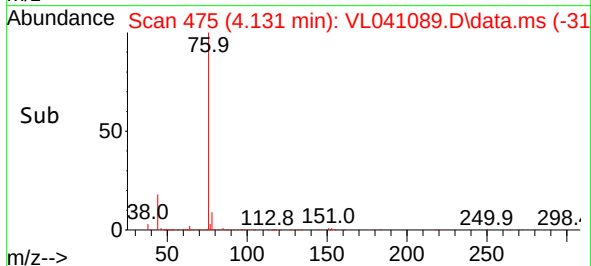


Tgt Ion: 76 Resp: 173768

Ion	Ratio	Lower	Upper
76	100		
44	19.4	16.0	24.0
78	9.3	7.5	11.3

Manual Integrations
APPROVED

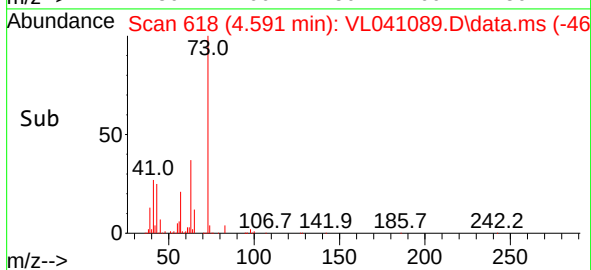
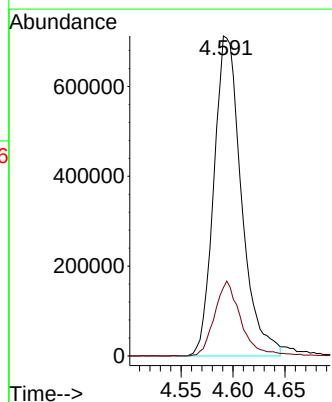
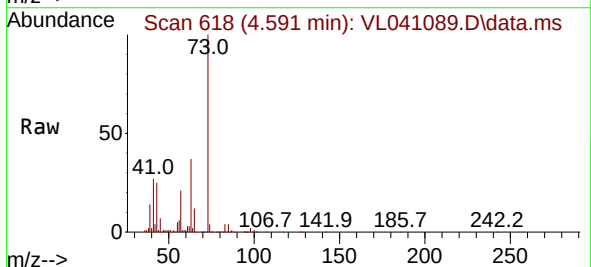
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

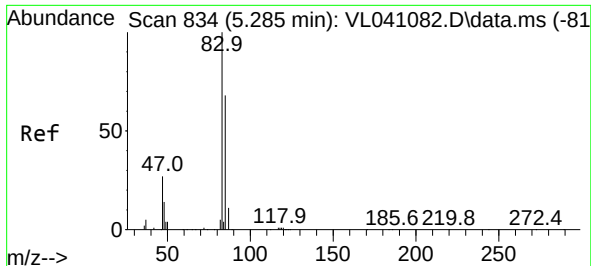


#28
Methyl tert-Butyl Ether
Concen: 10.761 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Tgt Ion: 73 Resp: 1312478

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.2	27.4





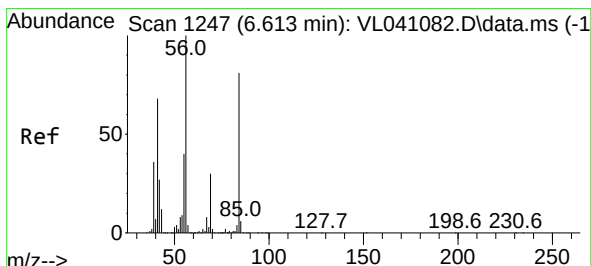
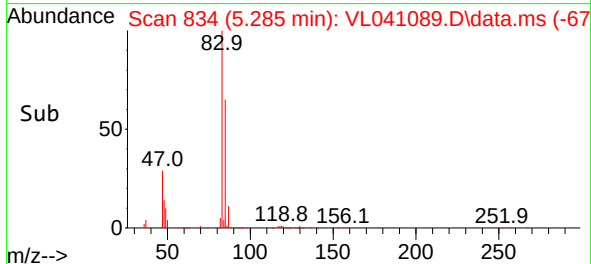
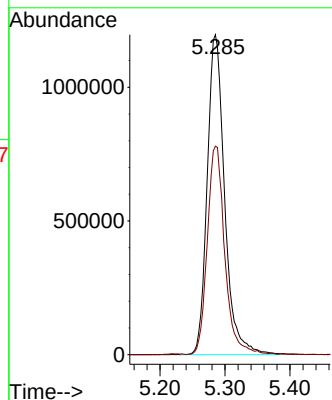
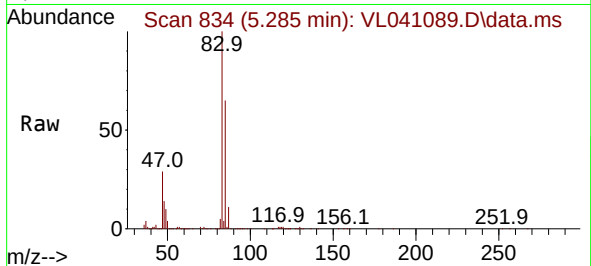
#29
Chloroform
Concen: 9.507 ppbv
RT: 5.285 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124

Tgt Ion: 83 Resp: 223320
Ion Ratio Lower Upper
83 100
85 65.0 54.6 82.0

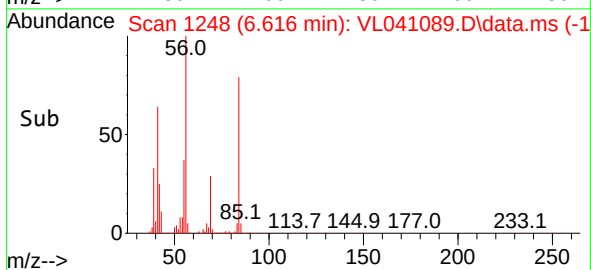
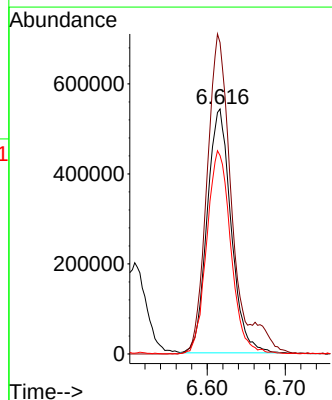
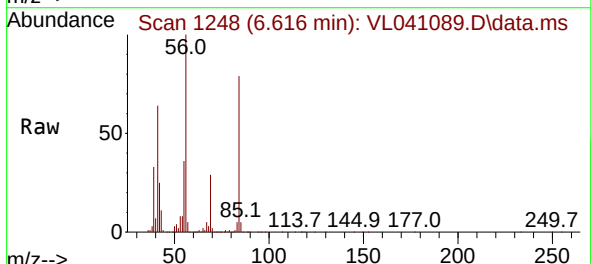
Manual Integrations
APPROVED

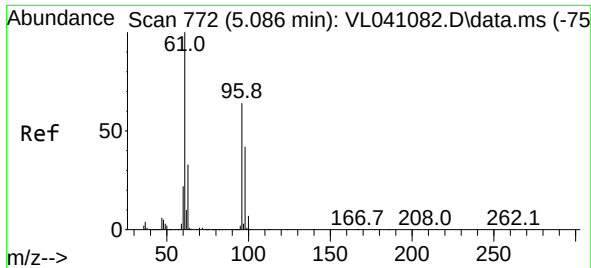
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Cyclohexane
Concen: 10.145 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

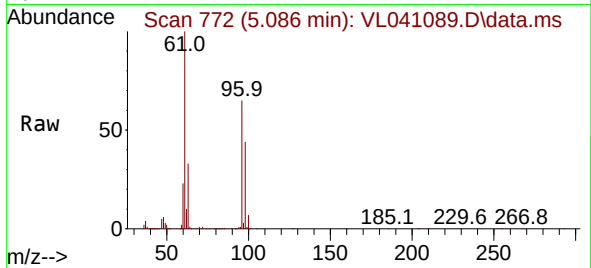
Tgt Ion: 84 Resp: 1159612
Ion Ratio Lower Upper
84 100
56 137.3 110.4 165.6
41 84.1 70.6 105.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.378 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

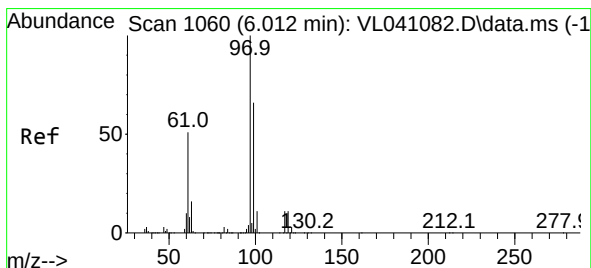
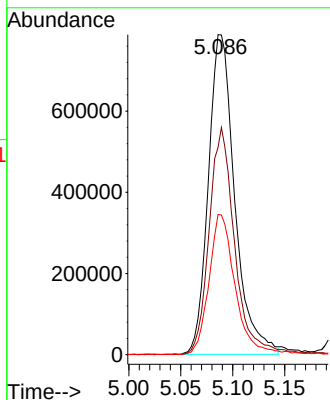
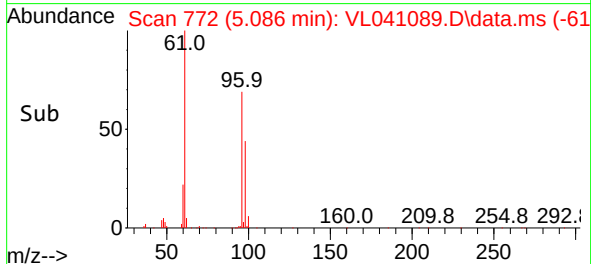
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124



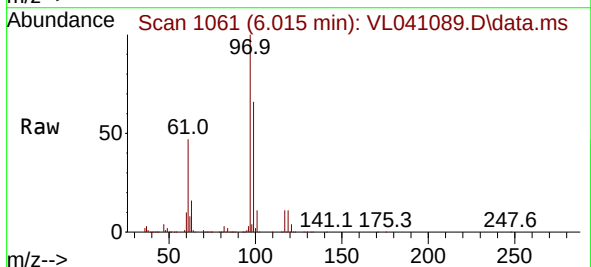
Tgt Ion: 61 Resp: 1393574
 Ion Ratio Lower Upper
 61 100
 96 64.7 51.2 76.8
 98 43.8 33.4 50.0

Manual Integrations
 APPROVED

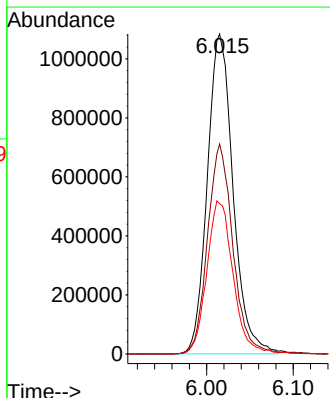
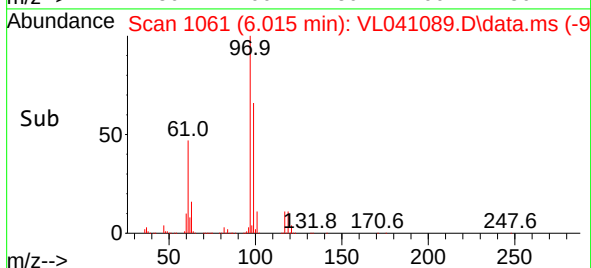
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

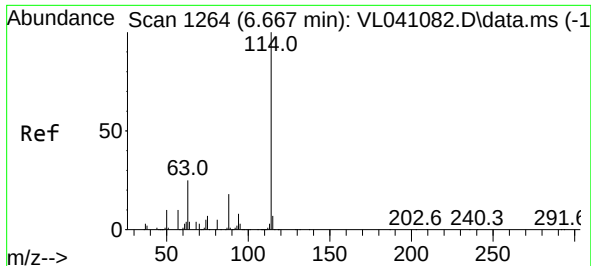


#32
 1,1,1-Trichloroethane
 Concen: 10.541 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12



Tgt Ion: 97 Resp: 2242619
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.4 78.6
 61 49.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041089.D

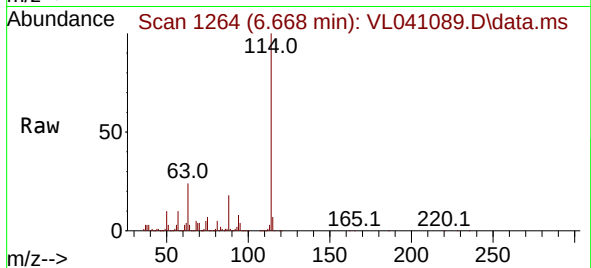
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion:114 Resp: 401904

Ion Ratio Lower Upper

114 100

63 24.5 21.0 31.6

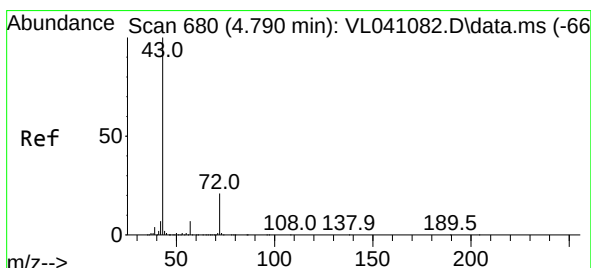
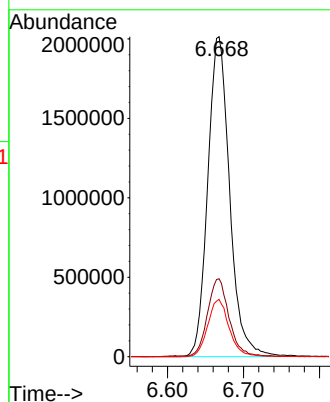
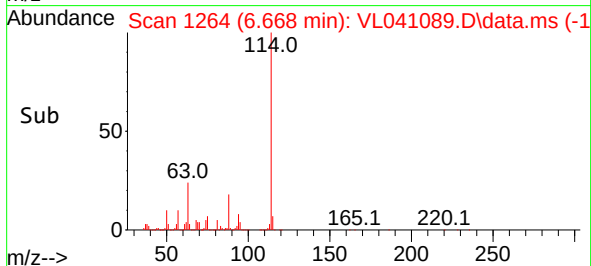
88 17.6 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

2-Butanone

Concen: 9.728 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.003 min

Lab File: VL041089.D

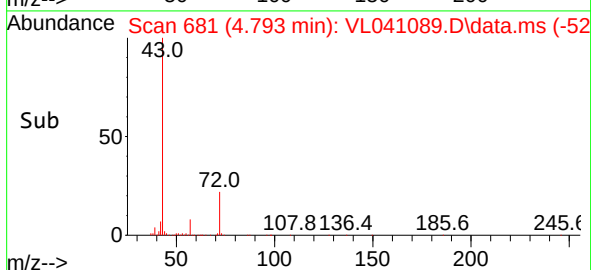
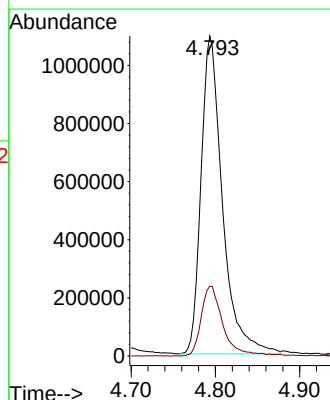
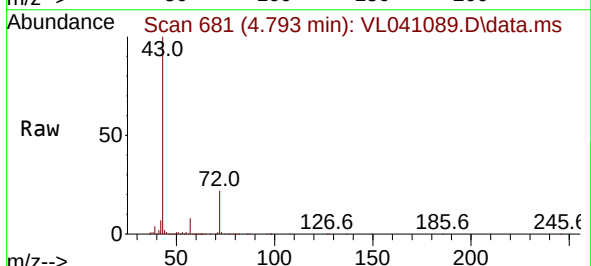
Acq: 11 Mar 2024 16:12

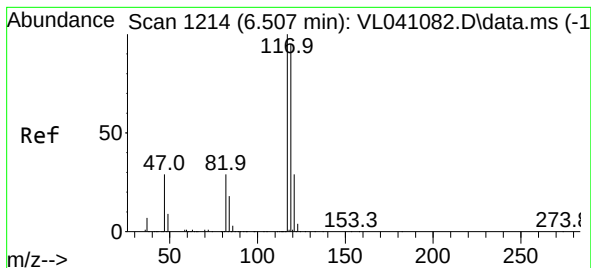
Tgt Ion: 43 Resp: 1935748

Ion Ratio Lower Upper

43 100

72 22.6 17.4 26.0





#35

Carbon Tetrachloride

Concen: 9.983 ppbv

RT: 6.507 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041089.D

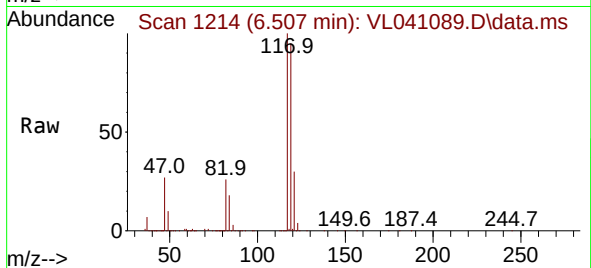
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion: 117 Resp: 234467

Ion Ratio Lower Upper

117 100

119 95.2 75.6 113.4

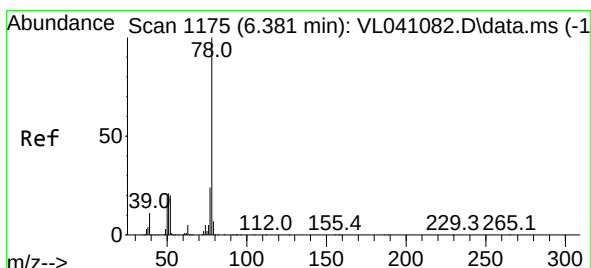
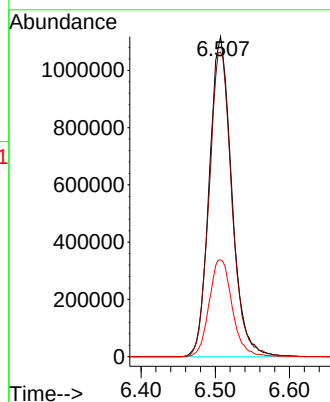
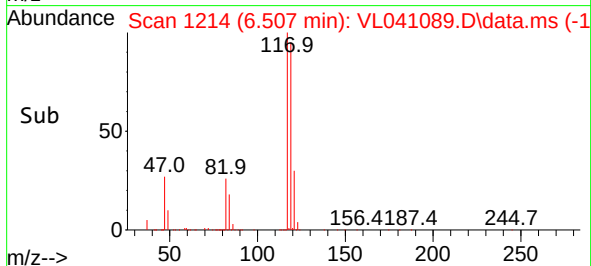
121 30.2 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#36

Benzene

Concen: 9.639 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

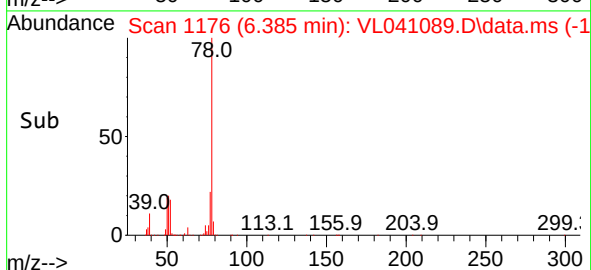
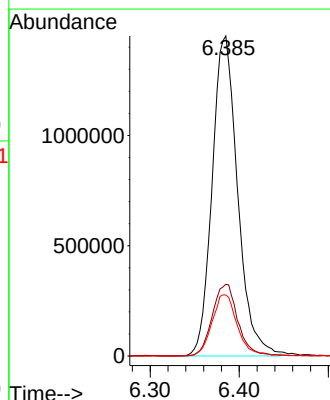
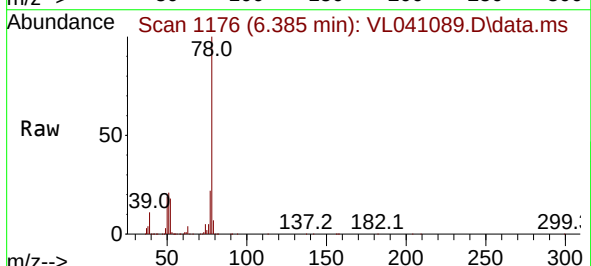
Tgt Ion: 78 Resp: 2883705

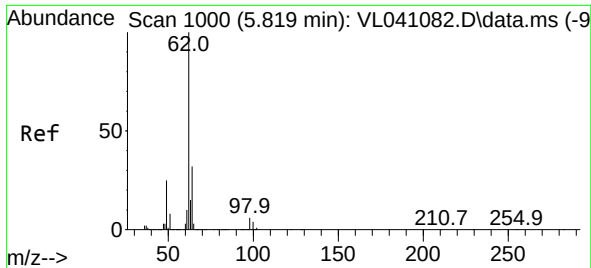
Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2

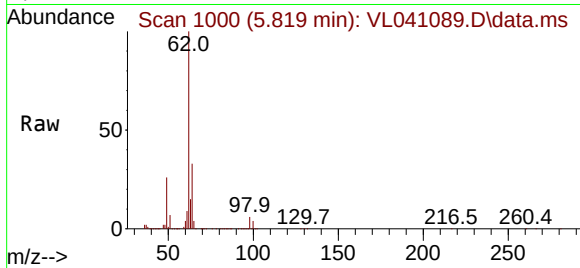
50 19.1 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.267 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

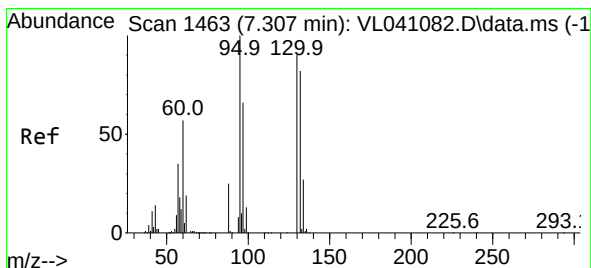
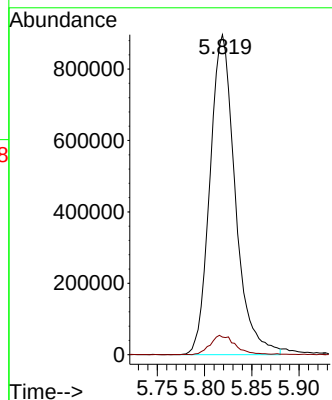
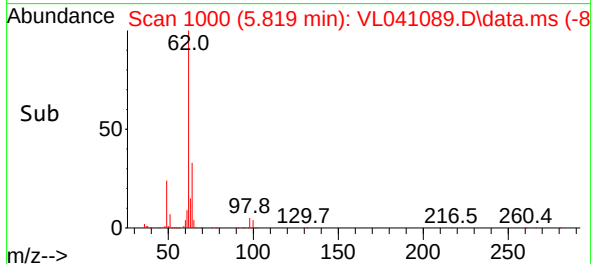
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



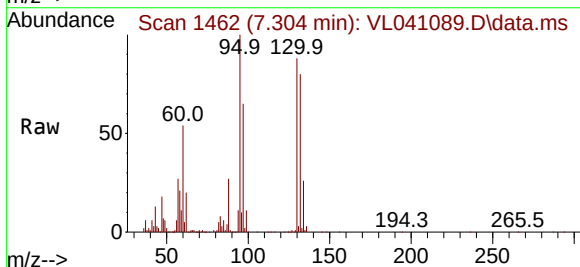
Tgt Ion: 62 Resp: 1667934
Ion Ratio Lower Upper
62 100
98 6.2 4.6 6.8

Manual Integrations
APPROVED

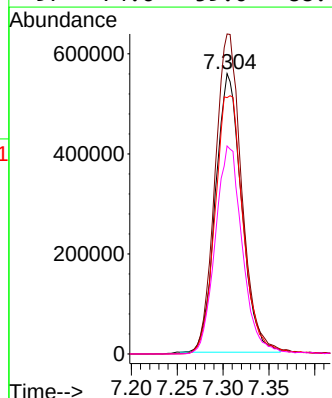
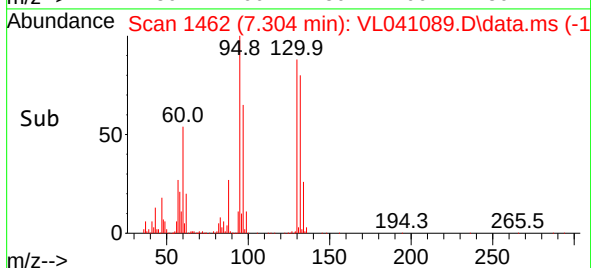
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

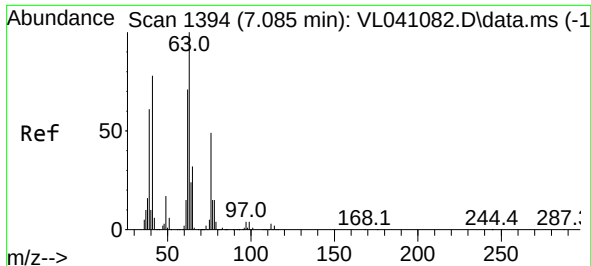


#38
Trichloroethene
Concen: 10.148 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



Tgt Ion:130 Resp: 1102648
Ion Ratio Lower Upper
130 100
95 114.6 88.8 133.2
132 92.0 73.0 109.4
97 74.6 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.344 ppbv

RT: 7.086 min Scan# 1118200

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion: 63 Resp: 1118200

Ion Ratio Lower Upper

63 100

41 72.2 62.2 93.4

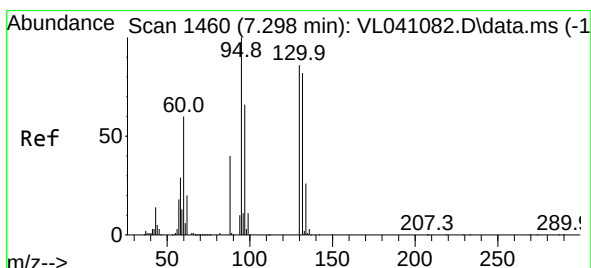
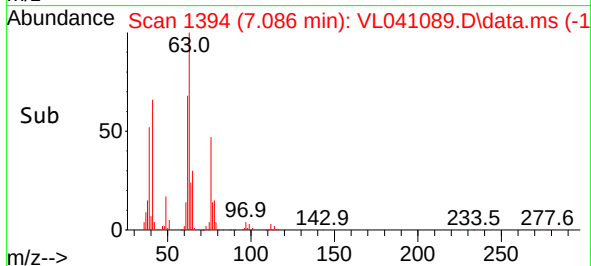
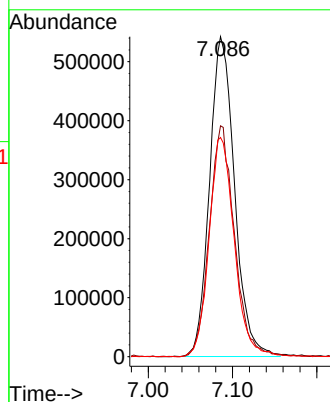
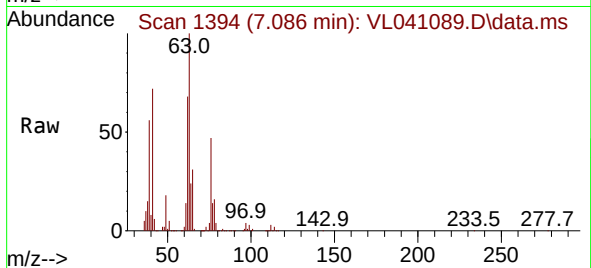
62 68.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

1,4-Dioxane

Concen: 9.320 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Tgt Ion: 88 Resp: 439124

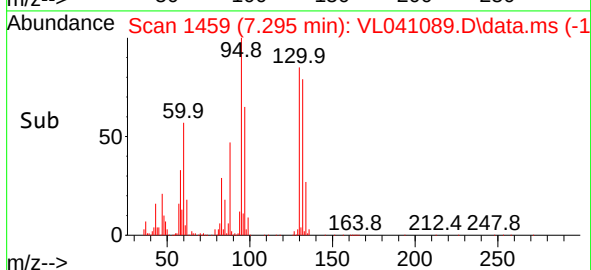
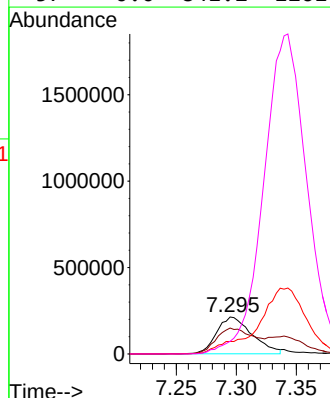
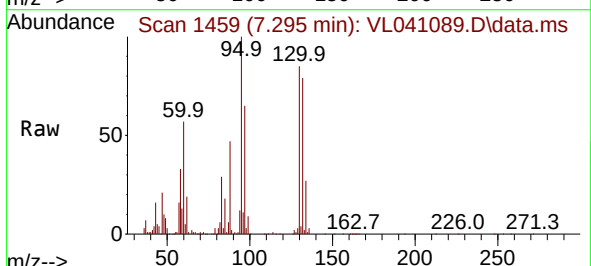
Ion Ratio Lower Upper

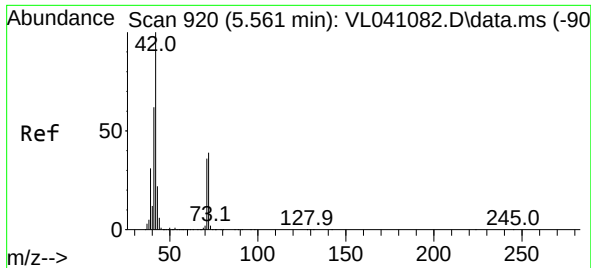
88 100

58 125.7 96.3 144.5

43 0.0 195.7 293.5#

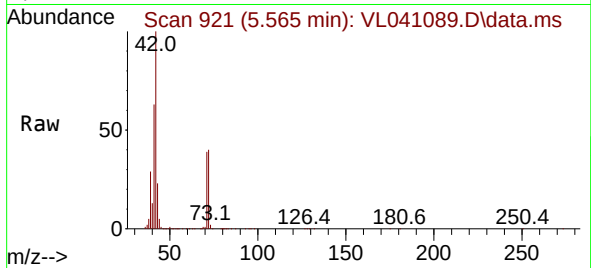
57 0.0 841.2 1261.8#





#41
Tetrahydrofuran
Concen: 10.025 ppbv
RT: 5.565 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

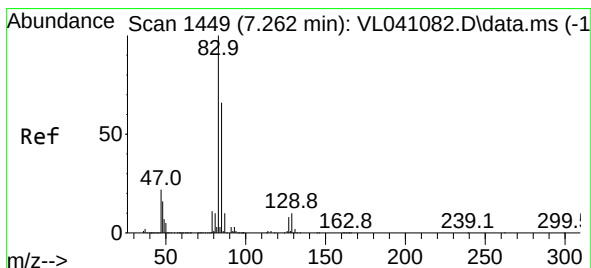
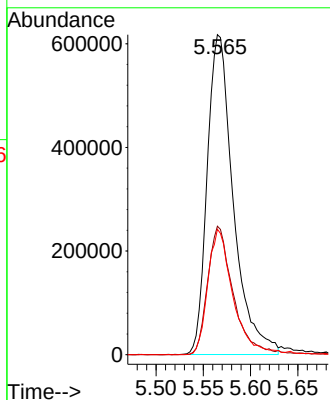
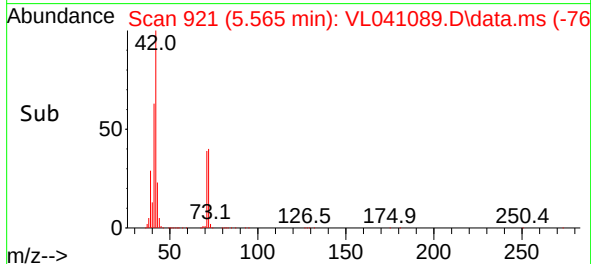
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



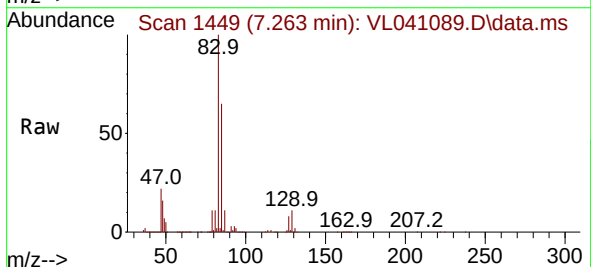
Tgt Ion: 42 Resp: 1187270
Ion Ratio Lower Upper
42 100
72 39.7 30.7 46.1
71 38.5 29.6 44.4

Manual Integrations
APPROVED

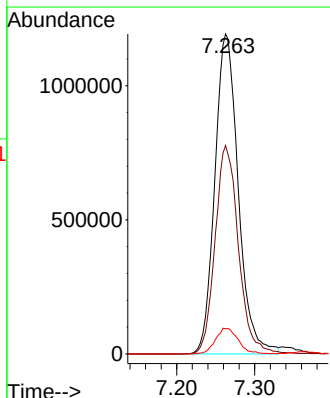
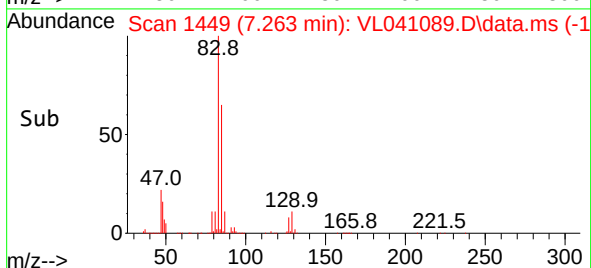
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

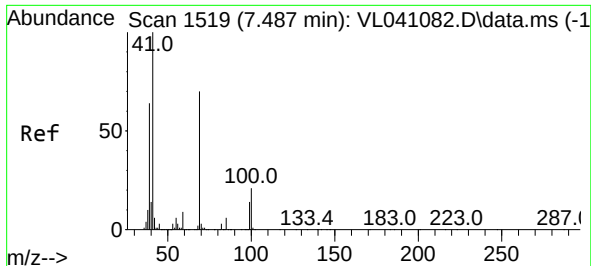


#42
Bromodichloromethane
Concen: 9.670 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



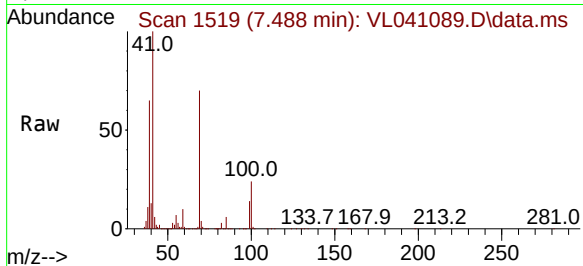
Tgt Ion: 83 Resp: 2493440
Ion Ratio Lower Upper
83 100
85 65.1 53.1 79.7
127 7.9 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.462 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

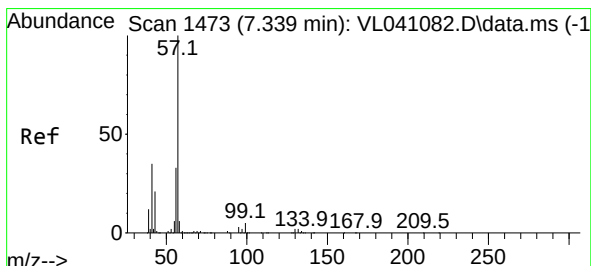
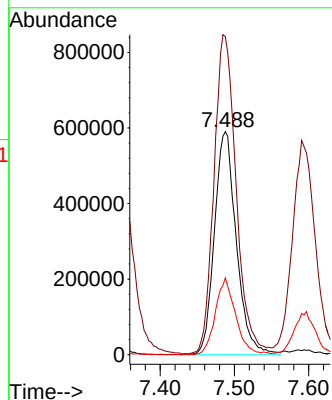
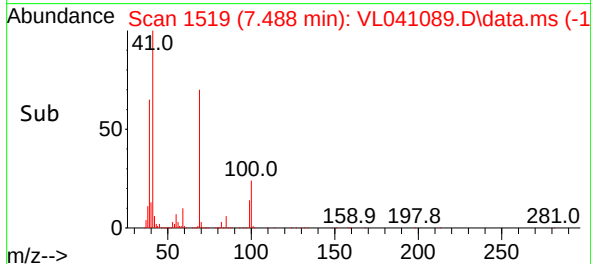
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



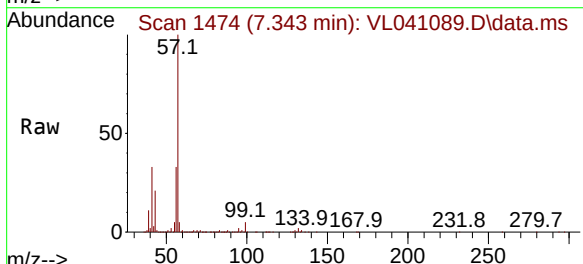
Tgt Ion: 69 Resp: 1210685
Ion Ratio Lower Upper
69 100
41 145.3 118.2 177.4
100 32.0 24.8 37.2

Manual Integrations
APPROVED

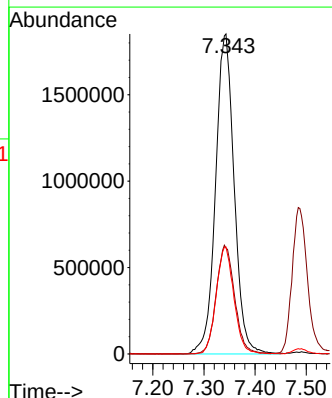
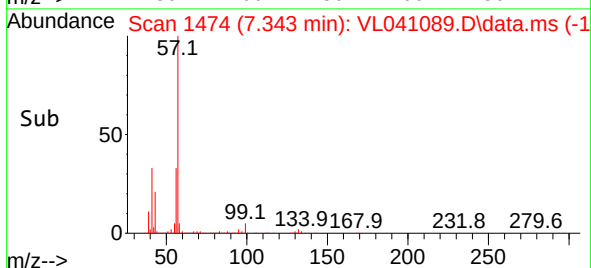
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

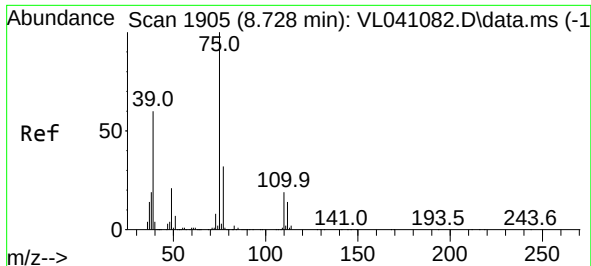


#44
2,2,4-Trimethylpentane
Concen: 9.365 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



Tgt Ion: 57 Resp: 4678554
Ion Ratio Lower Upper
57 100
41 33.7 28.0 42.0
56 31.9 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 11.634 ppbv

RT: 8.726 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion: 75 Resp: 92673

Ion Ratio Lower Upper

75 100

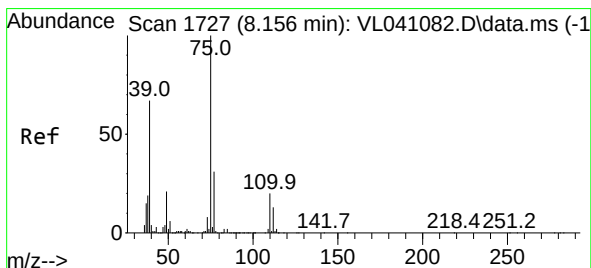
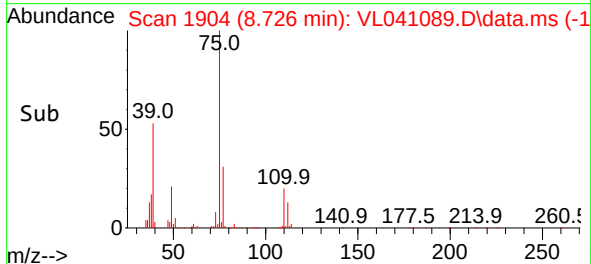
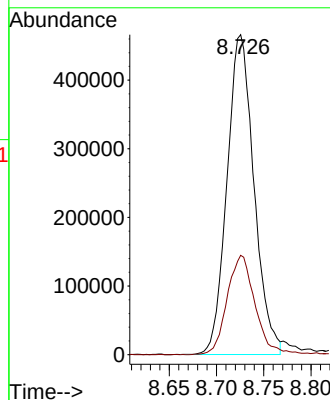
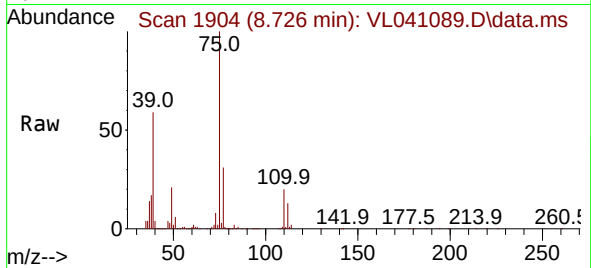
77 31.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

cis-1,3-Dichloropropene

Concen: 10.997 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

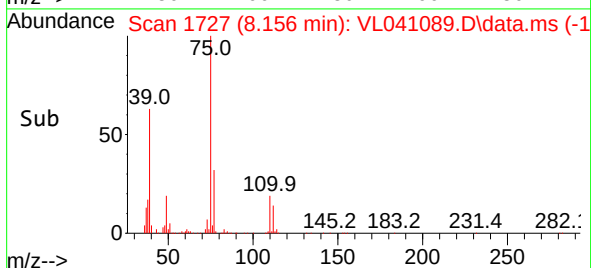
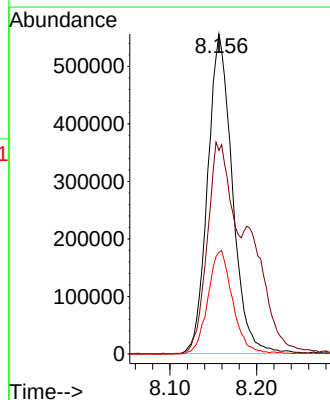
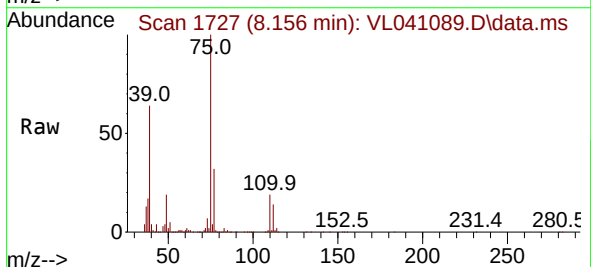
Tgt Ion: 75 Resp: 110087

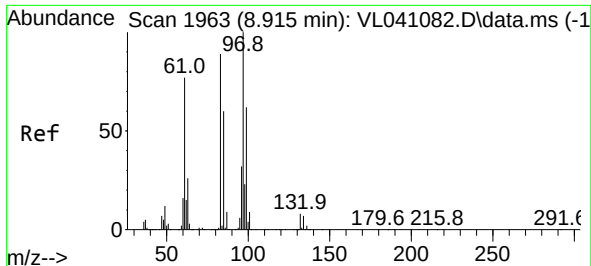
Ion Ratio Lower Upper

75 100

39 63.5 53.3 79.9

77 31.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.648 ppbv m

RT: 8.918 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041089.D

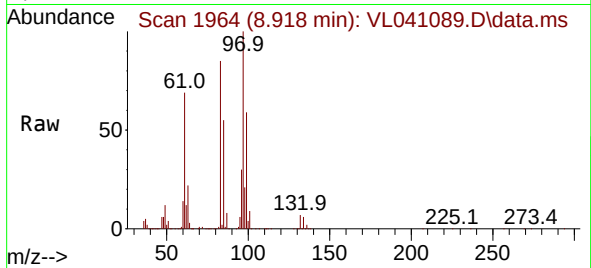
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion: 97 Resp: 123149

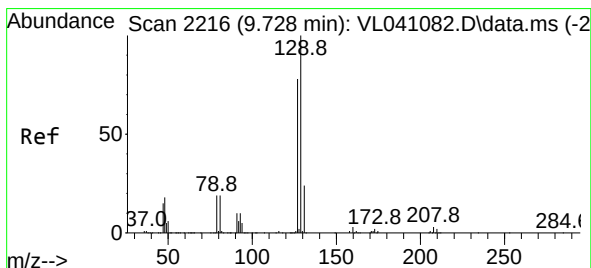
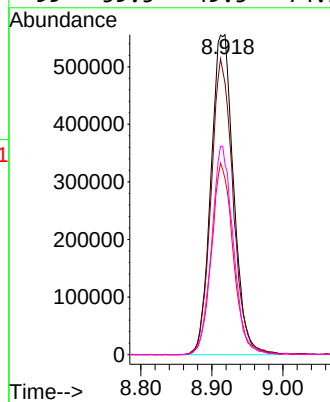
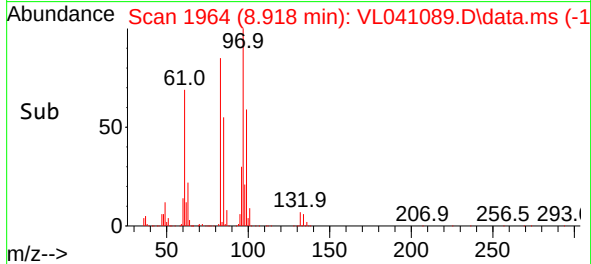
Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.1	106.7
85	55.0	48.2	72.2
99	59.5	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#48

Dibromochloromethane

Concen: 10.214 ppbv

RT: 9.726 min Scan# 2215

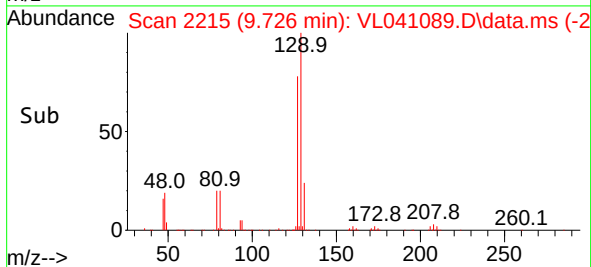
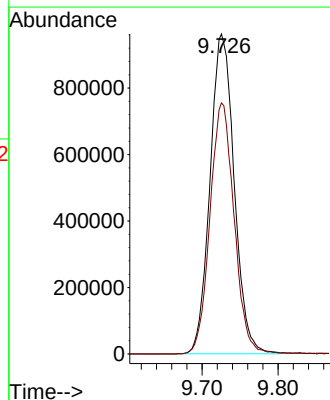
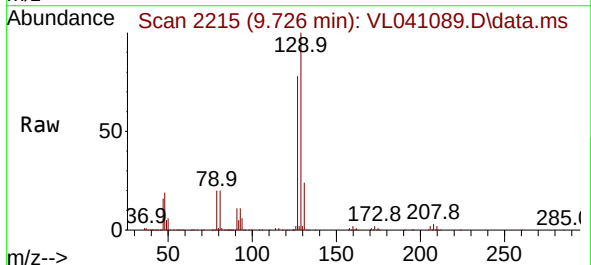
Delta R.T. -0.003 min

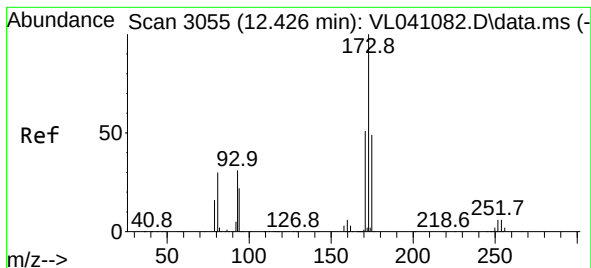
Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Tgt Ion:129 Resp: 2125088

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.6	118.8





#49

Bromoform

Concen: 10.287 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion:173 Resp: 1702364

Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

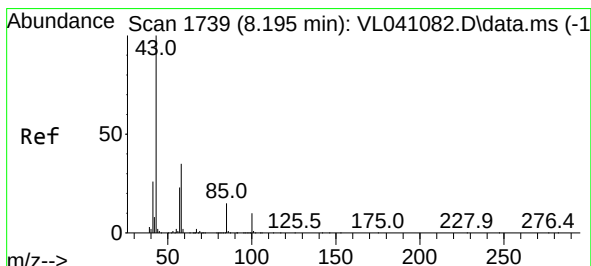
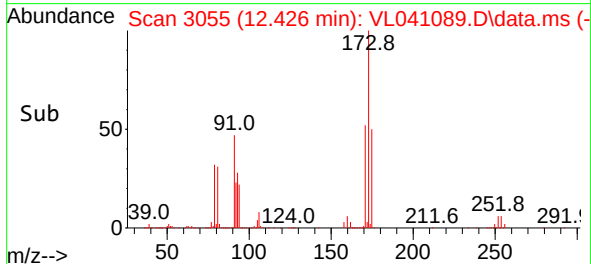
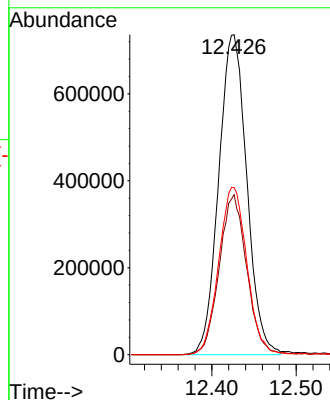
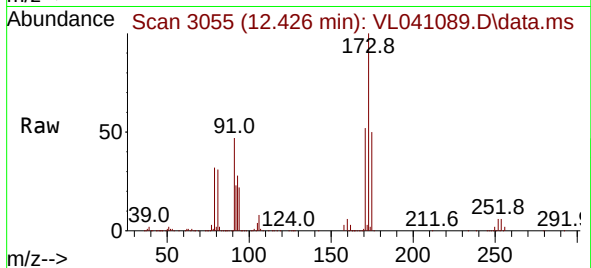
171 52.9 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

4-Methyl-2-Pentanone

Concen: 9.953 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041089.D

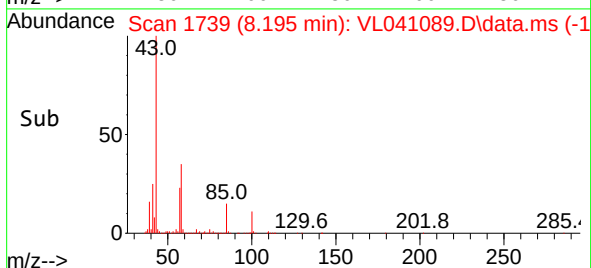
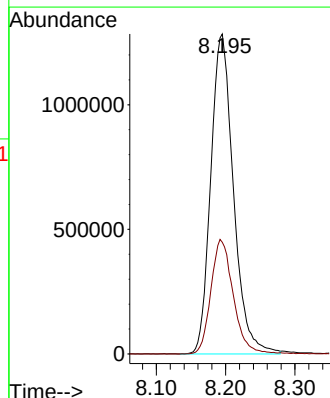
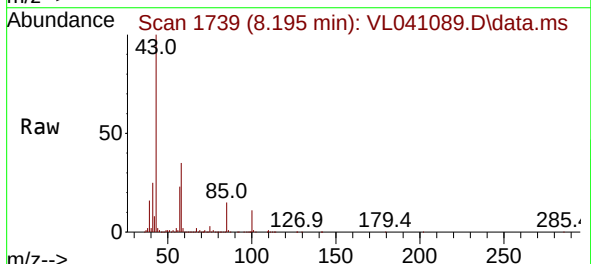
Acq: 11 Mar 2024 16:12

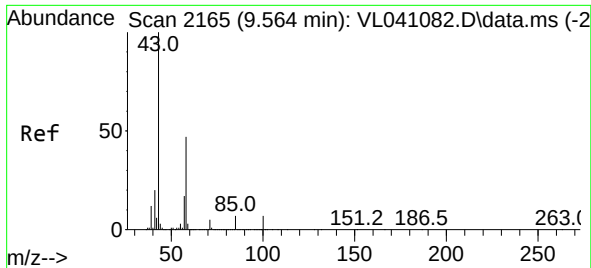
Tgt Ion: 43 Resp: 2921078

Ion Ratio Lower Upper

43 100

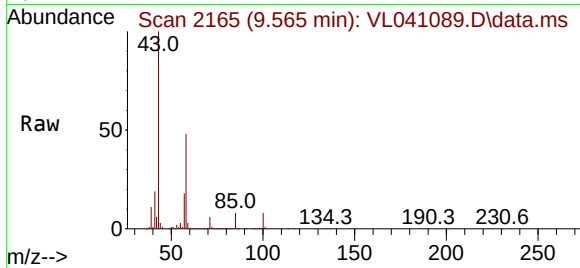
58 35.5 28.3 42.5





#51
2-Hexanone
Concen: 9.897 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

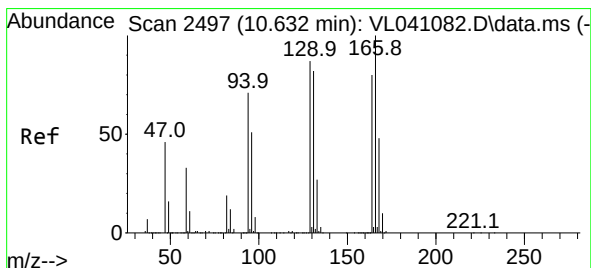
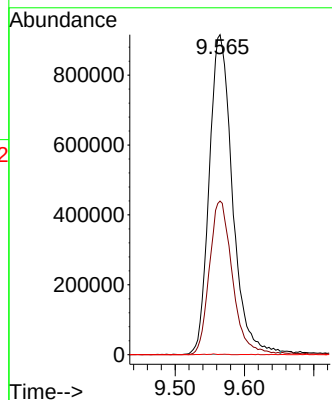
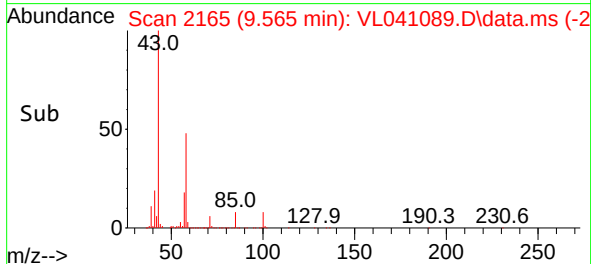
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion: 43 Resp: 212771
Ion Ratio Lower Upper
43 100
58 48.4 37.4 56.2
98 0.2 0.4 0.6

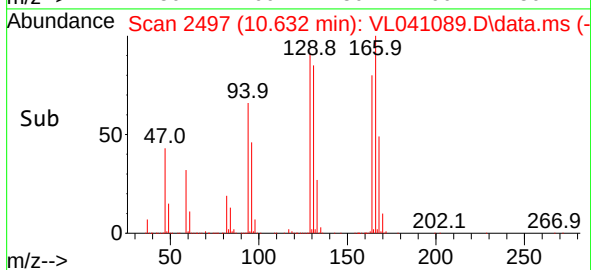
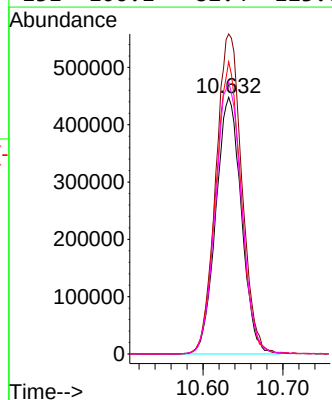
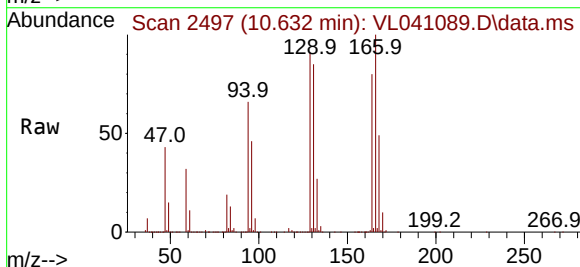
Manual Integrations
APPROVED

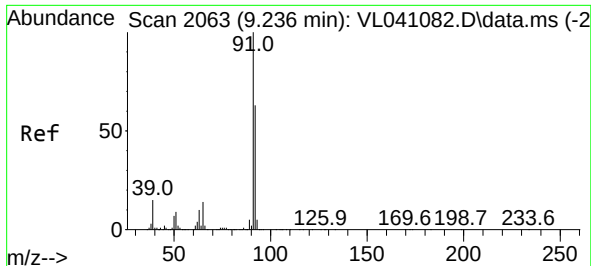
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Tetrachloroethene
Concen: 10.678 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

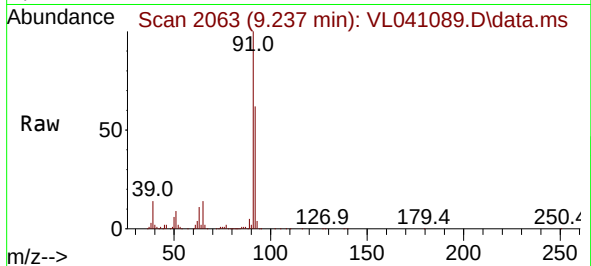
Tgt Ion:164 Resp: 990837
Ion Ratio Lower Upper
164 100
166 124.6 100.6 150.8
129 113.8 87.2 130.8
131 106.1 82.4 123.6





#53
Toluene
Concen: 10.284 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

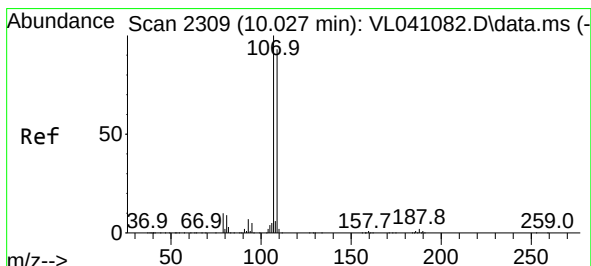
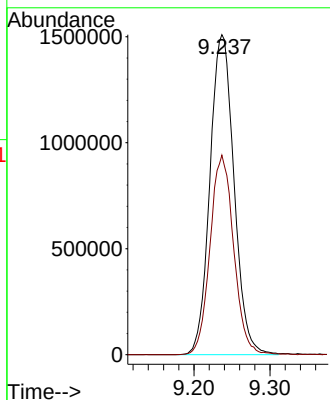
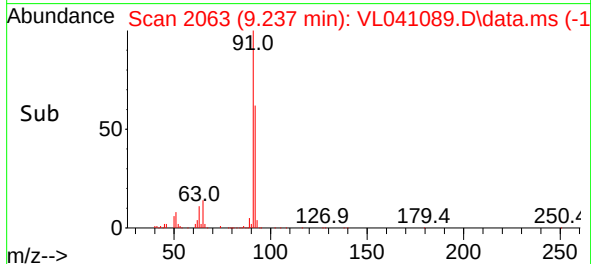
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



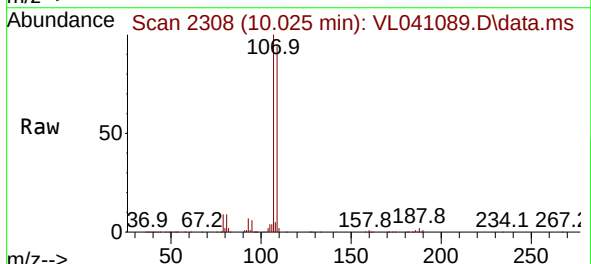
Tgt Ion: 91 Resp: 331620
Ion Ratio Lower Upper
91 100
92 61.2 48.9 73.3

Manual Integrations
APPROVED

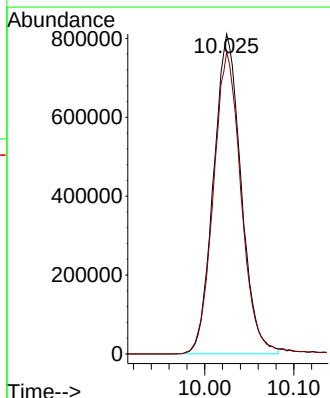
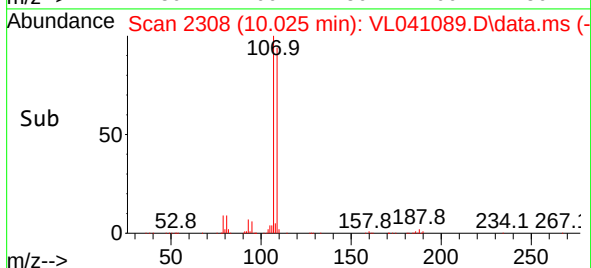
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

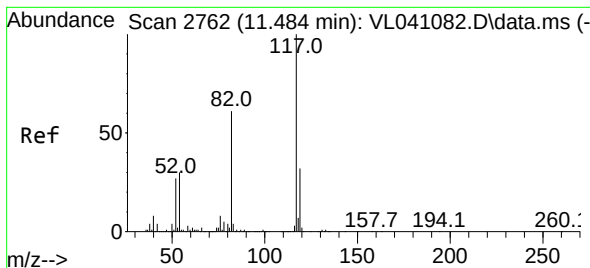


#54
1,2-Dibromoethane
Concen: 10.600 ppbv
RT: 10.025 min Scan# 2308
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



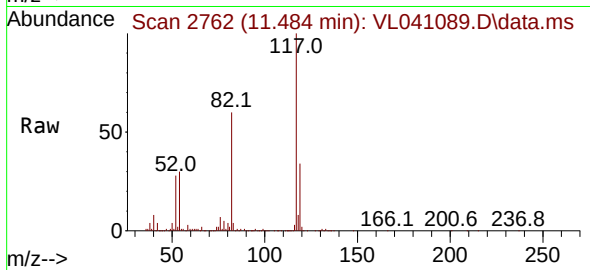
Tgt Ion:107 Resp: 1740073
Ion Ratio Lower Upper
107 100
109 94.4 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

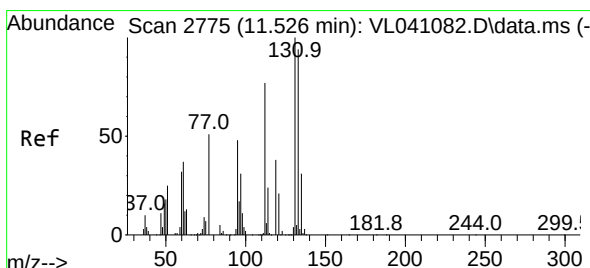
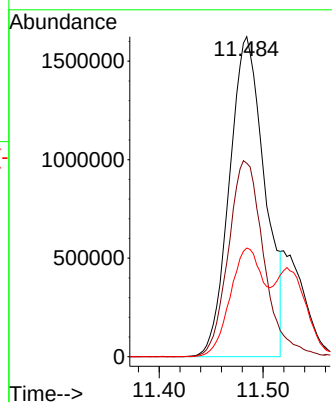
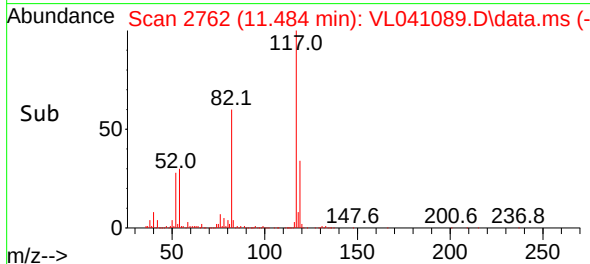
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



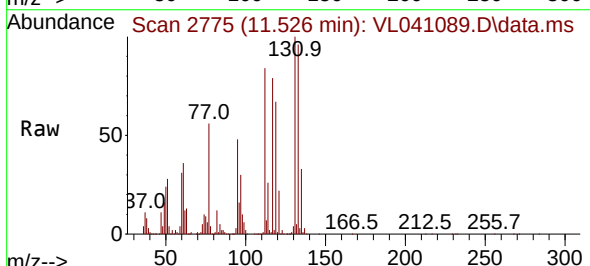
Tgt Ion:117 Resp: 383039
Ion Ratio Lower Upper
117 100
82 62.4 51.4 77.2
119 32.6 23.7 35.5

Manual Integrations
APPROVED

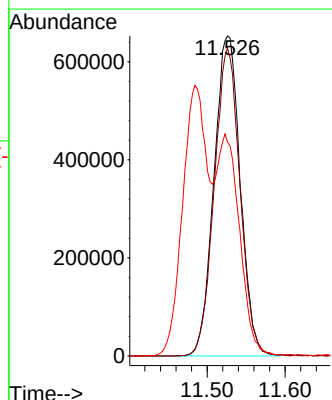
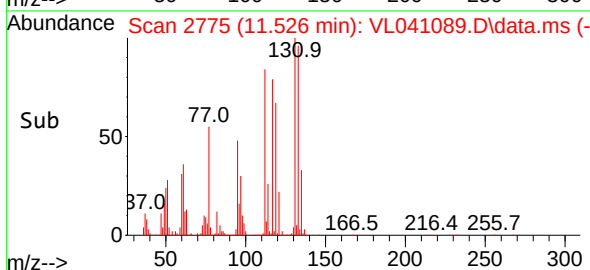
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

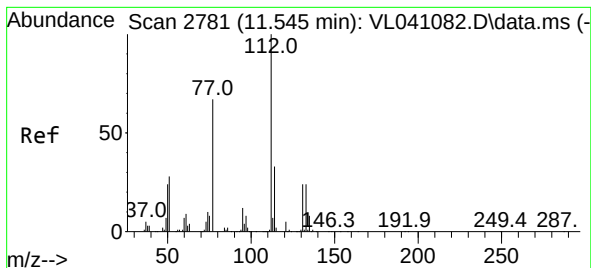


#56
1,1,1,2-Tetrachloroethane
Concen: 9.320 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



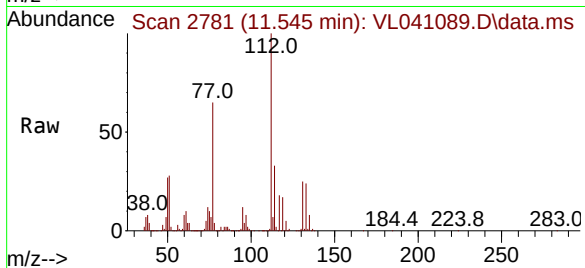
Tgt Ion:131 Resp: 1527461
Ion Ratio Lower Upper
131 100
133 94.4 76.1 114.1
119 57.1 51.1 76.7





#57
Chlorobenzene
Concen: 9.414 ppbv
RT: 11.545 min Scan# 2781
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

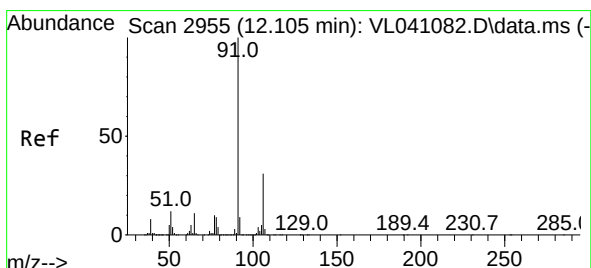
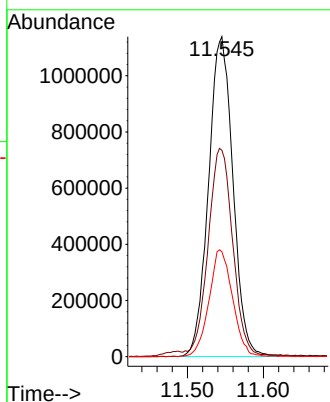
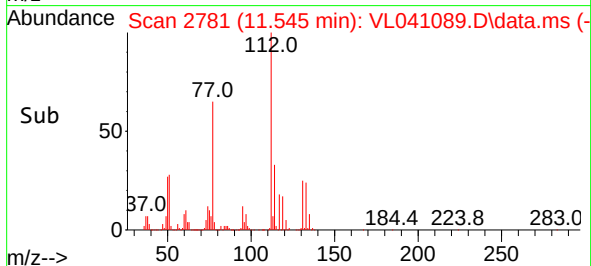
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion:112 Resp: 2541859
Ion Ratio Lower Upper
112 100
77 64.2 54.6 81.8
114 32.8 29.4 36.0

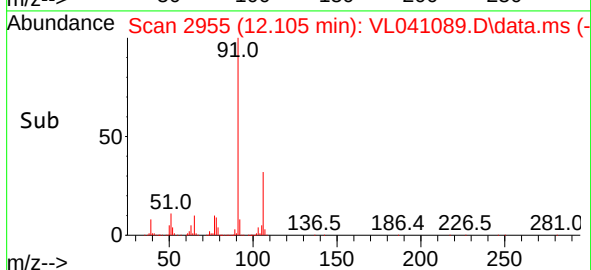
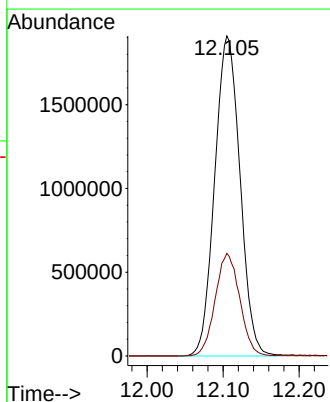
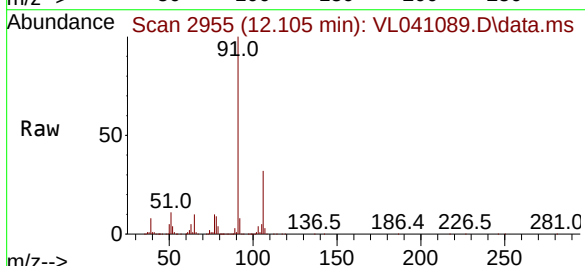
Manual Integrations
APPROVED

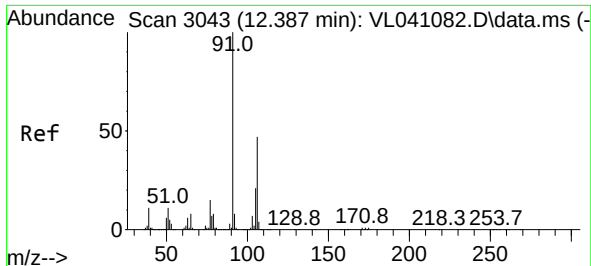
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
Ethyl Benzene
Concen: 9.824 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Tgt Ion: 91 Resp: 4405511
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8





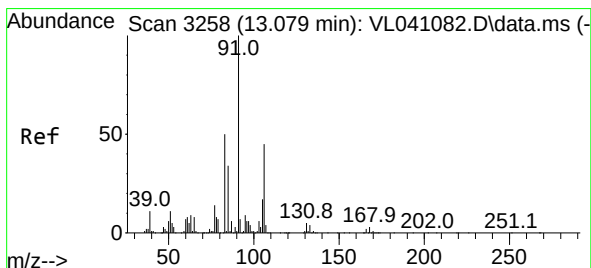
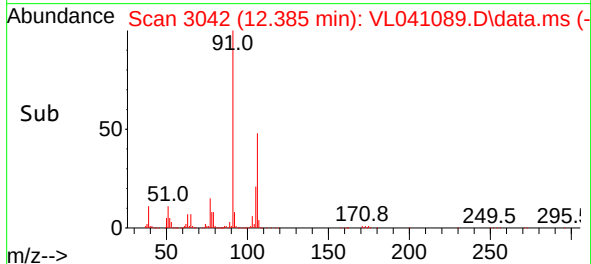
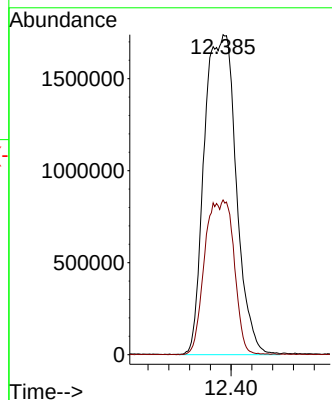
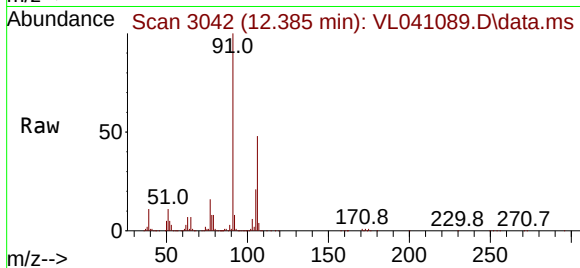
#59
m/p-Xylene
Concen: 18.800 ppbv m
RT: 12.385 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124

Tgt Ion: 91 Resp: 740041
Ion Ratio Lower Upper
91 100
106 44.5 35.4 53.2

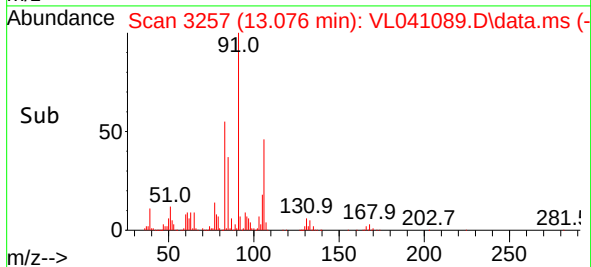
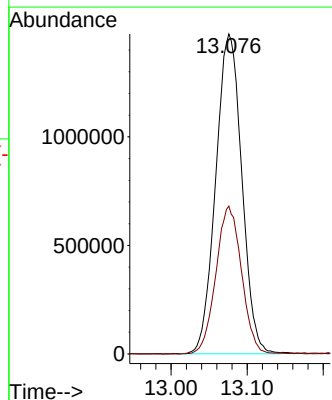
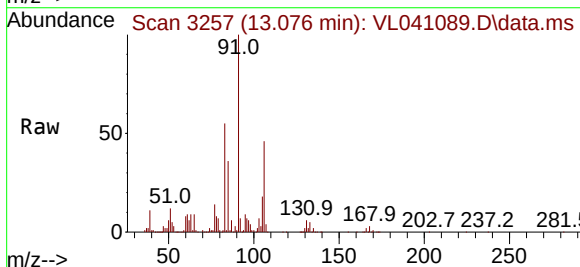
Manual Integrations
APPROVED

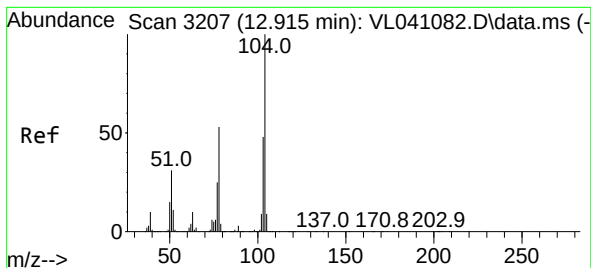
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
o-Xylene
Concen: 9.380 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

Tgt Ion: 91 Resp: 3505833
Ion Ratio Lower Upper
91 100
106 45.6 22.4 67.3





#61

Styrene

Concen: 11.211 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124

Tgt Ion:104 Resp: 189217

Ion Ratio Lower Upper

104 100

78 52.5 42.6 64.0

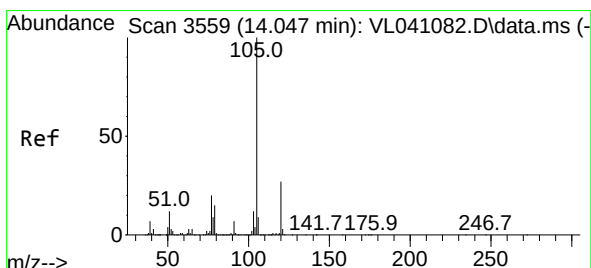
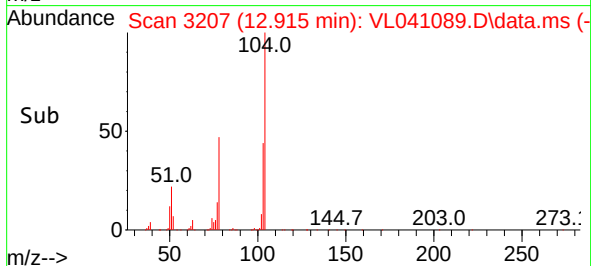
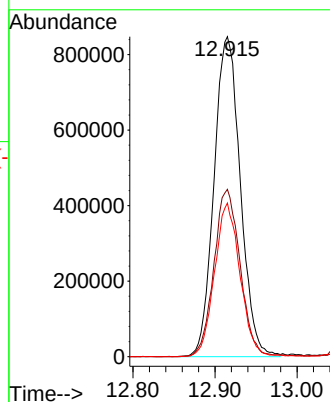
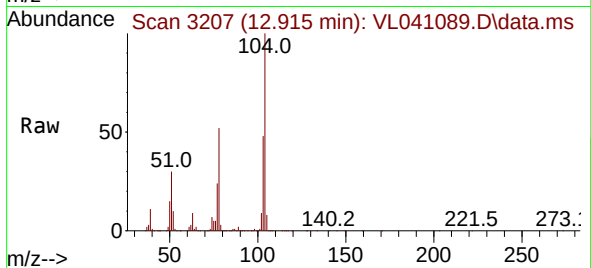
103 46.7 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#62

Isopropylbenzene

Concen: 9.356 ppbv

RT: 14.044 min Scan# 3558

Delta R.T. -0.003 min

Lab File: VL041089.D

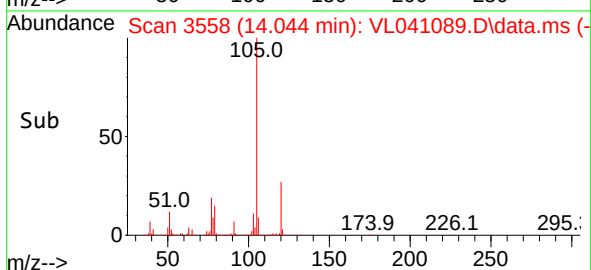
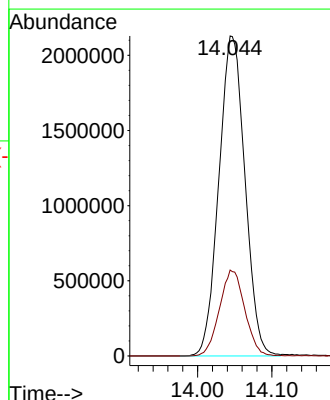
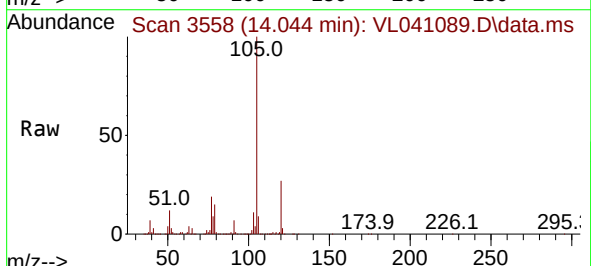
Acq: 11 Mar 2024 16:12

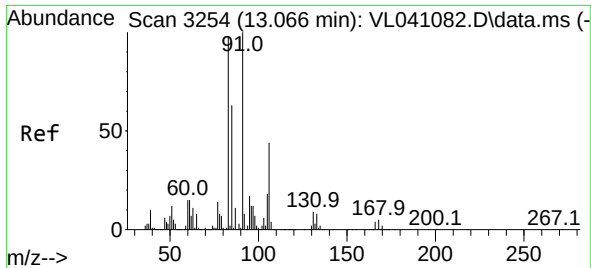
Tgt Ion:105 Resp: 5194945

Ion Ratio Lower Upper

105 100

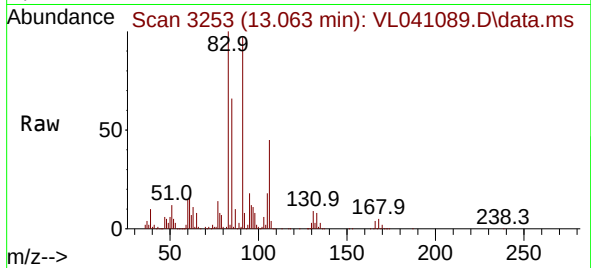
120 26.0 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.231 ppbv
RT: 13.063 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

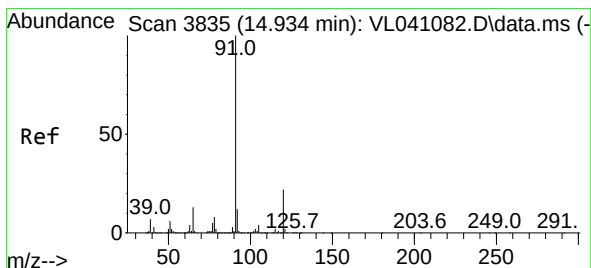
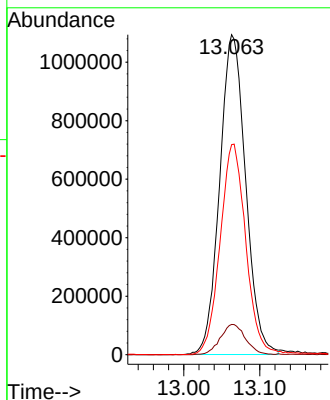
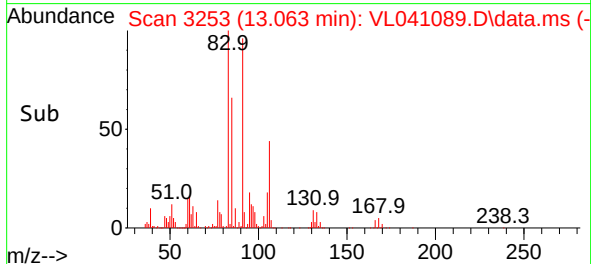
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion: 83 Resp: 259319
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 66.1 32.7 98.1

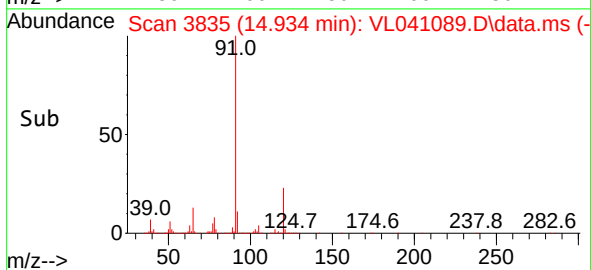
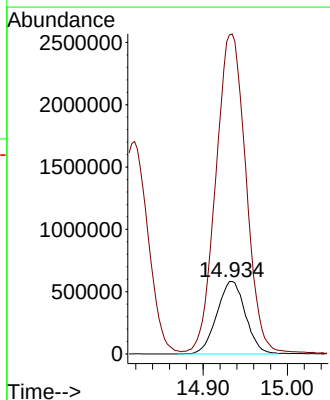
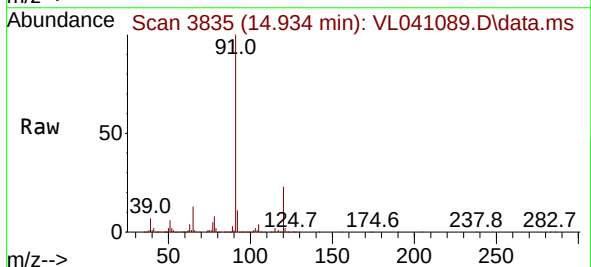
Manual Integrations
APPROVED

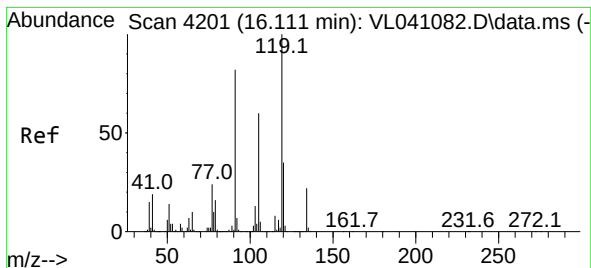
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
n-propylbenzene
Concen: 9.805 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

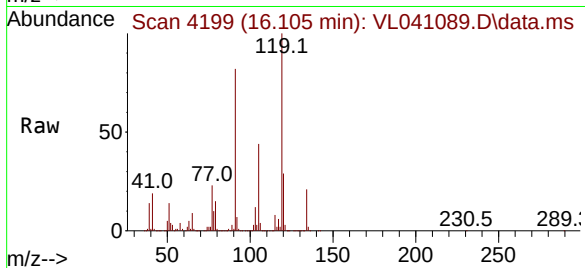
Tgt Ion:120 Resp: 1369823
Ion Ratio Lower Upper
120 100
91 467.8 387.5 581.3





#65
tert-Butylbenzene
Concen: 9.374 ppbv
RT: 16.105 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

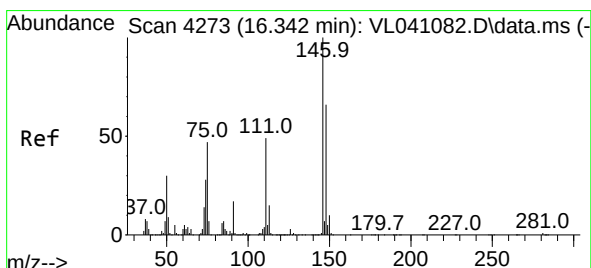
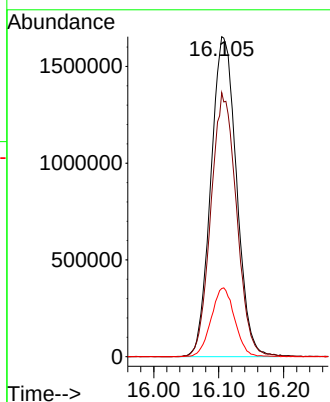
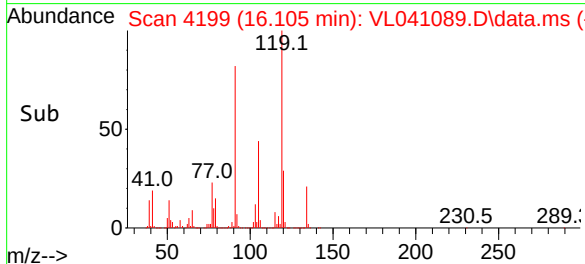
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion: 119 Resp: 4523470
Ion Ratio Lower Upper
119 100
91 82.6 67.8 101.8
134 19.9 16.2 24.2

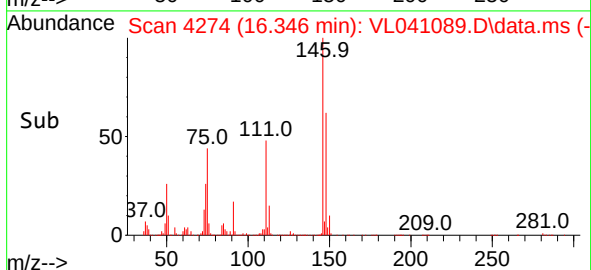
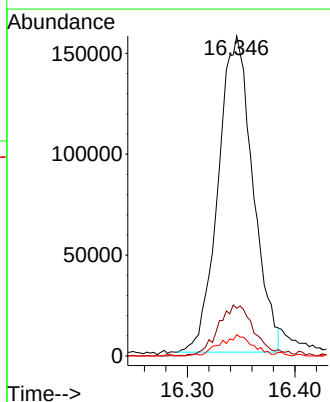
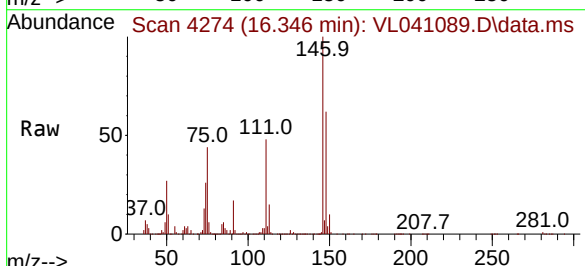
Manual Integrations
APPROVED

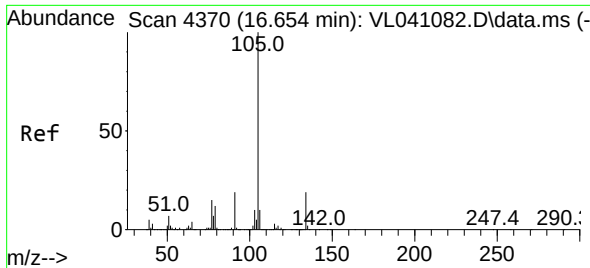
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#66
Benzyl Chloride
Concen: 10.767 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

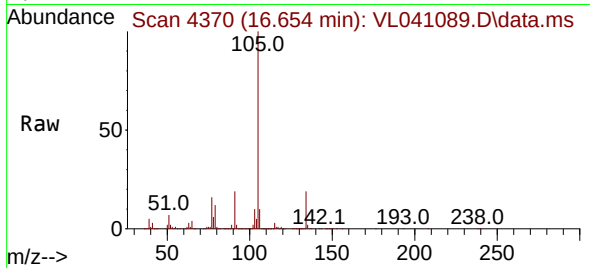
Tgt Ion: 91 Resp: 352043
Ion Ratio Lower Upper
91 100
126 17.4 14.1 21.1
128 6.7 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 9.240 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

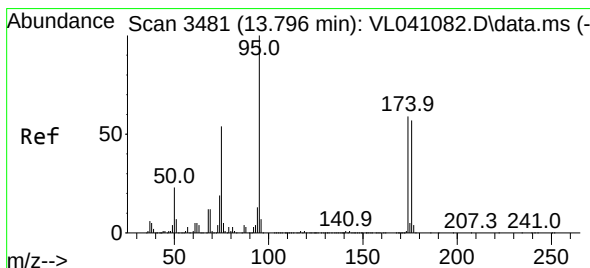
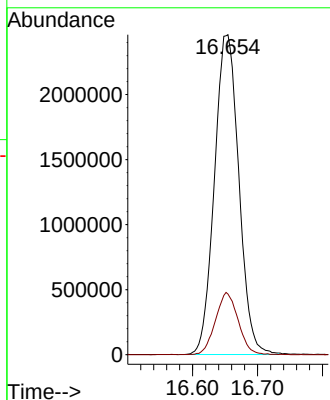
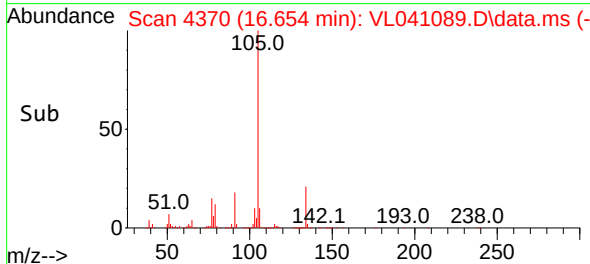
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124



Tgt Ion:105 Resp: 6413870
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.3 21.5

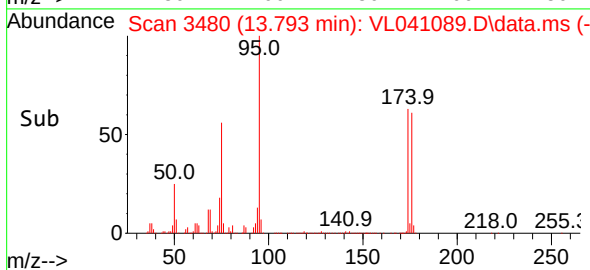
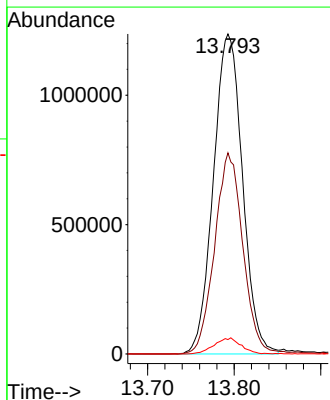
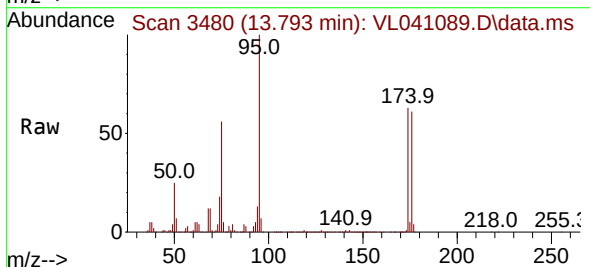
Manual Integrations
 APPROVED

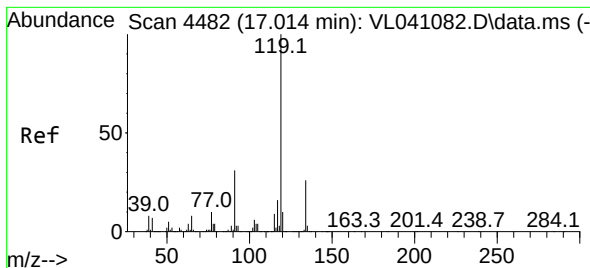
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.635 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. -0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

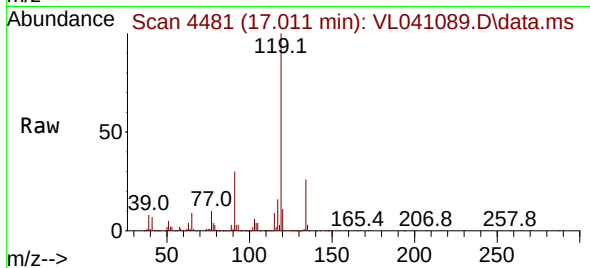
Tgt Ion: 95 Resp: 2885444
 Ion Ratio Lower Upper
 95 100
 174 61.4 47.8 71.8
 175 4.7 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.664 ppbv
RT: 17.011 min Scan# 4482
Delta R.T. -0.003 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

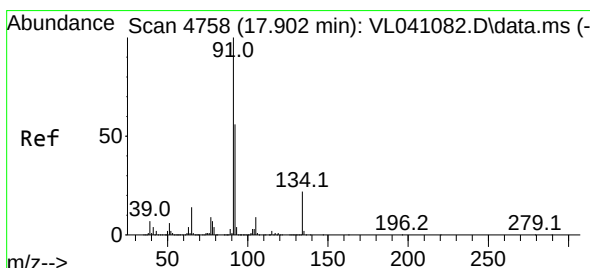
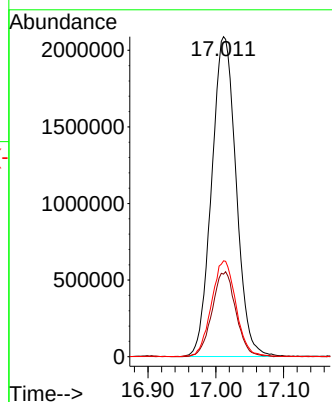
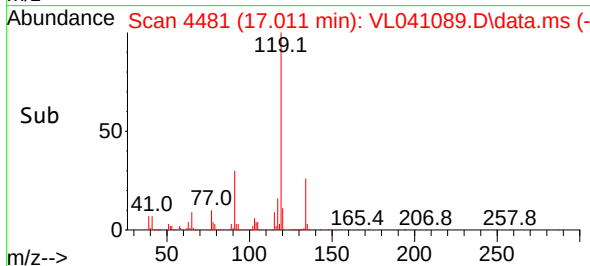
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



Tgt Ion:119 Resp: 5232720
Ion Ratio Lower Upper
119 100
134 25.9 20.6 30.8
91 29.9 24.7 37.1

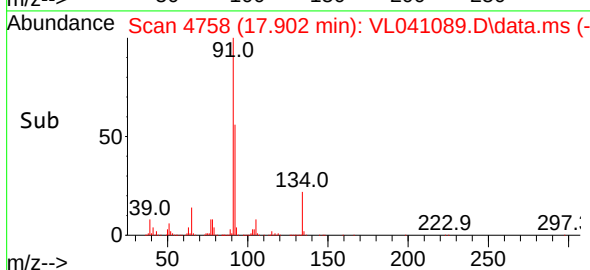
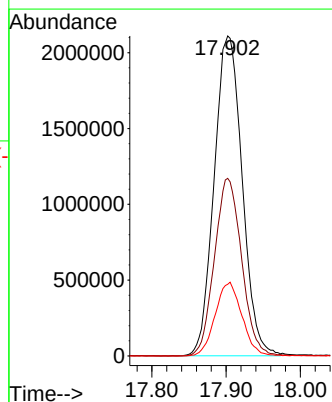
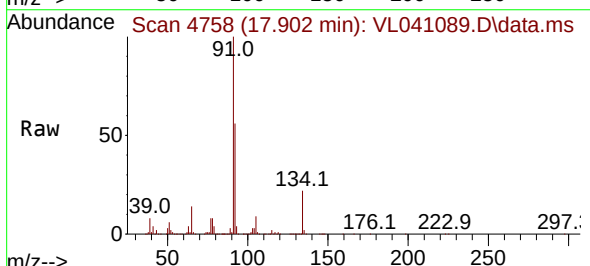
Manual Integrations
APPROVED

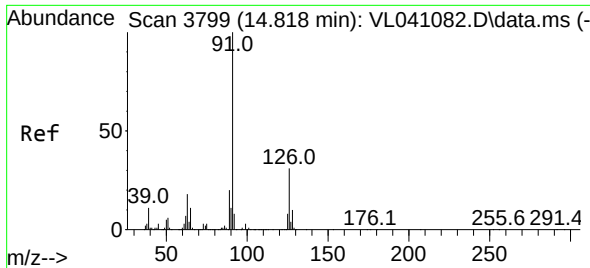
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
n-Butylbenzene
Concen: 9.462 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

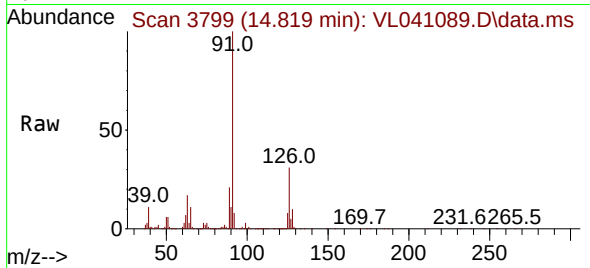
Tgt Ion: 91 Resp: 5537161
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.2
134 22.1 17.4 26.0





#71
2-Chlorotoluene
Concen: 9.489 ppbv
RT: 14.819 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12

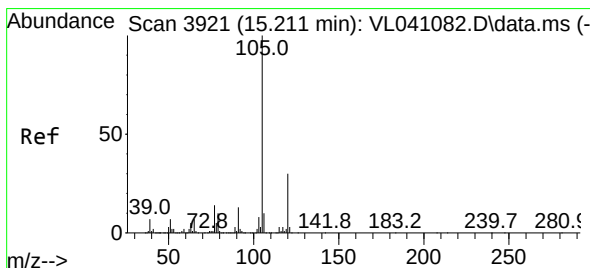
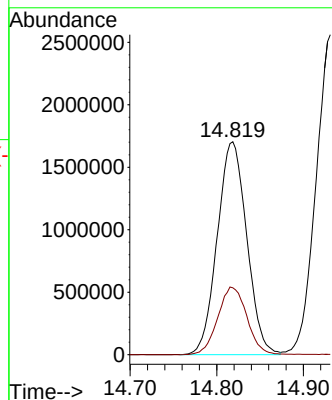
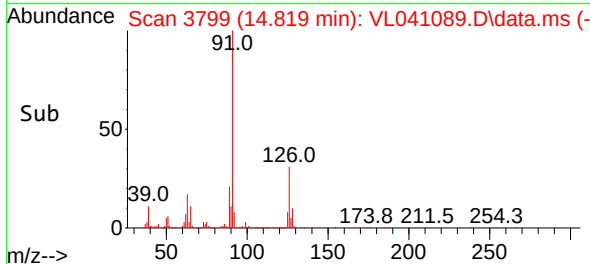
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031124



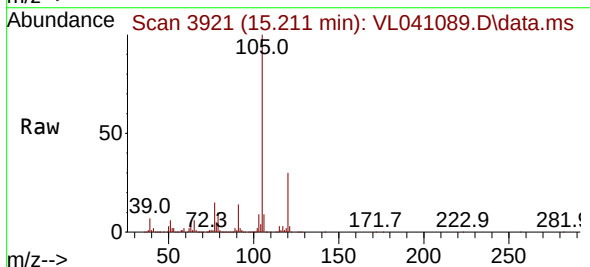
Tgt Ion: 91 Resp: 4029829
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8

Manual Integrations
APPROVED

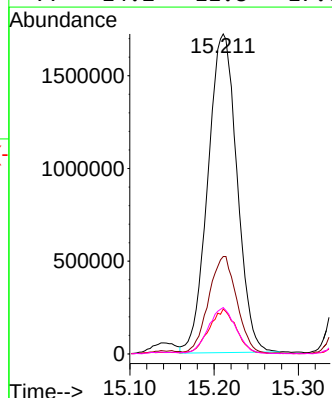
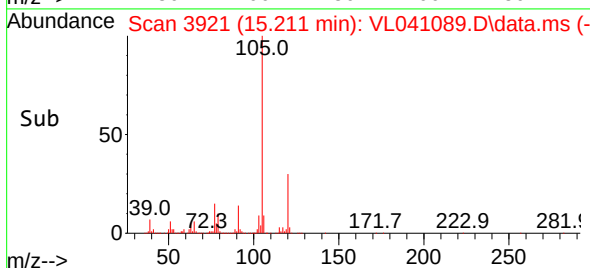
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

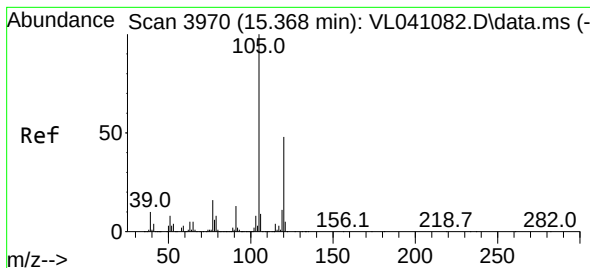


#72
4-Ethyltoluene
Concen: 10.026 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041089.D
Acq: 11 Mar 2024 16:12



Tgt Ion:105 Resp: 4125791
Ion Ratio Lower Upper
105 100
120 30.0 23.8 35.8
91 13.2 10.9 16.3
77 14.2 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 9.790 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL041089.D

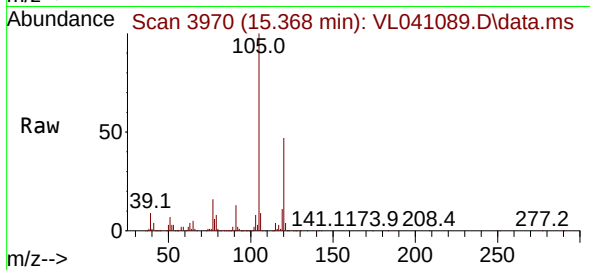
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion:105 Resp: 3565254

Ion Ratio Lower Upper

105 100

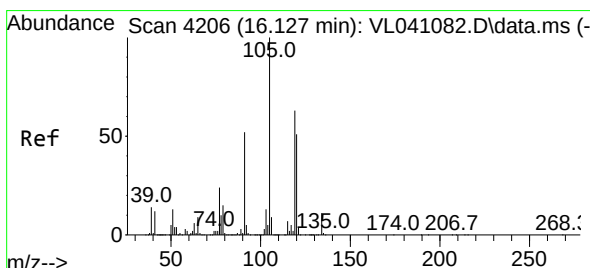
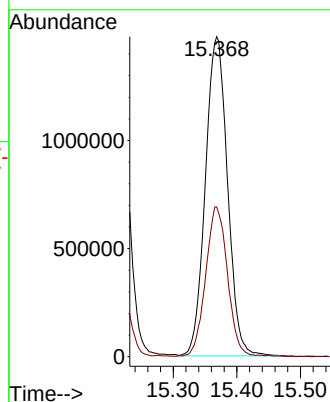
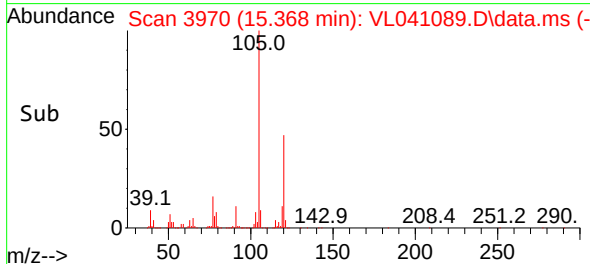
120 46.7 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.344 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

Tgt Ion:105 Resp: 3886264

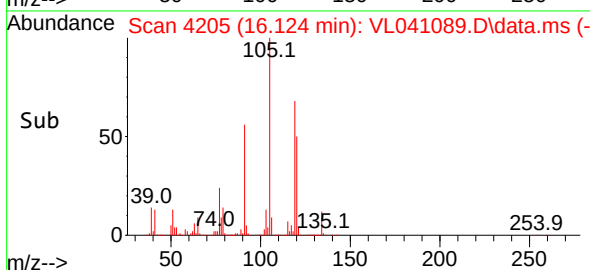
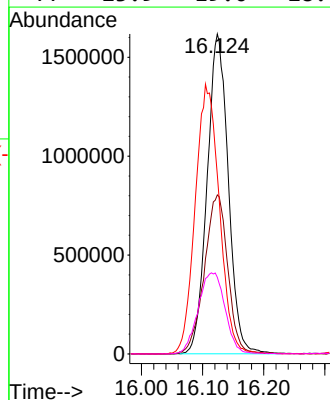
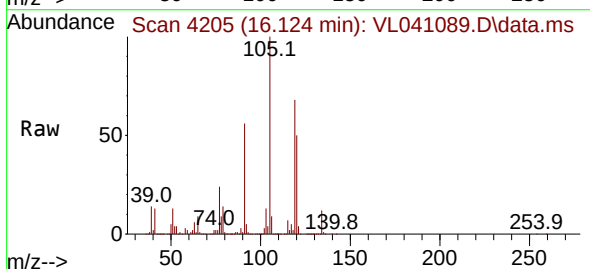
Ion Ratio Lower Upper

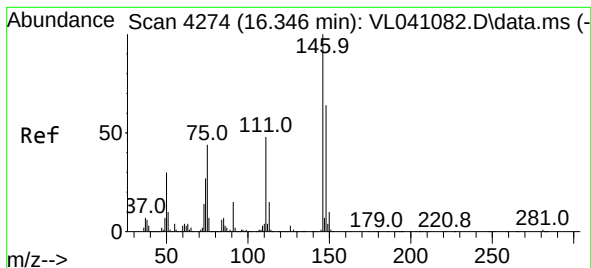
105 100

120 49.6 40.4 60.6

91 55.8 41.4 62.0

77 23.9 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.579 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.000 min

Lab File: VL041089.D

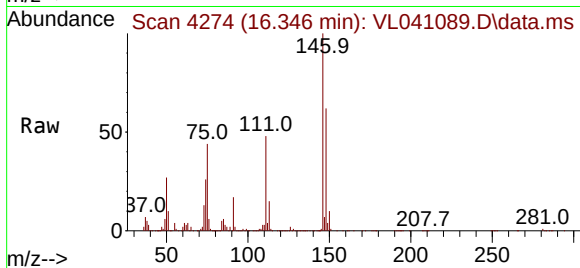
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion:146 Resp: 2275290

Ion Ratio Lower Upper

146 100

111 48.6 24.1 72.2

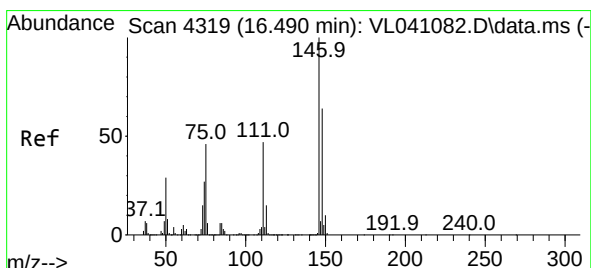
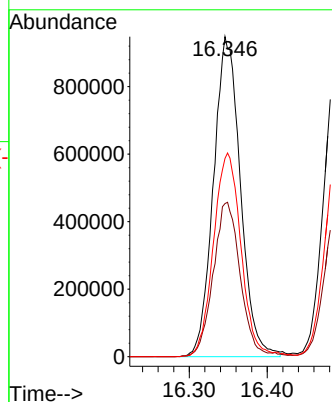
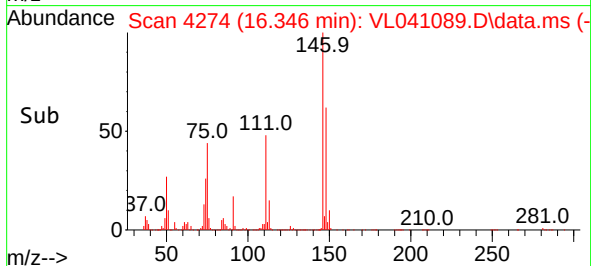
148 65.3 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#76

1,4-Dichlorobenzene

Concen: 9.224 ppbv

RT: 16.491 min Scan# 4319

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

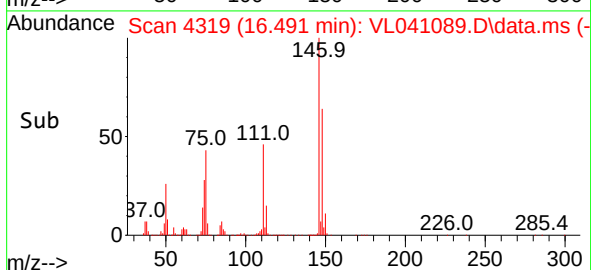
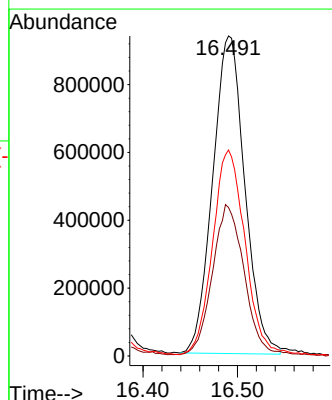
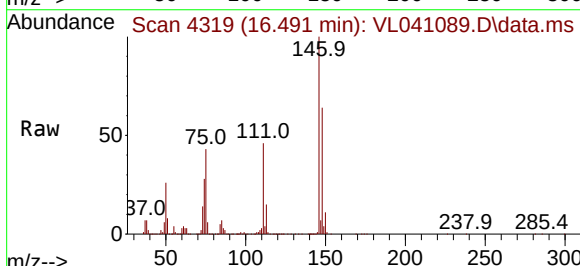
Tgt Ion:146 Resp: 2207419

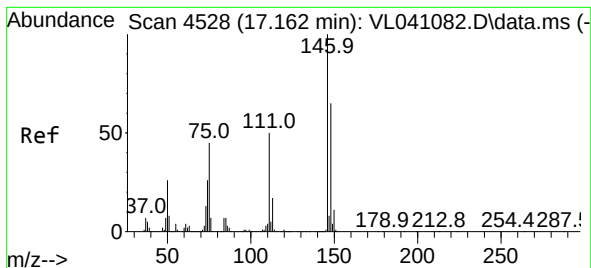
Ion Ratio Lower Upper

146 100

111 47.6 23.9 71.7

148 66.4 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.498 ppbv

RT: 17.159 min Scan# 4527

Delta R.T. -0.003 min

Lab File: VL041089.D

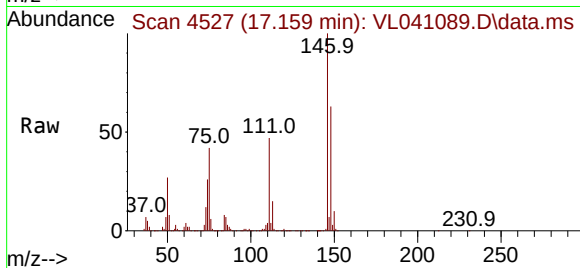
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion:146 Resp: 220443

Ion Ratio Lower Upper

146 100

111 50.0 25.2 75.6

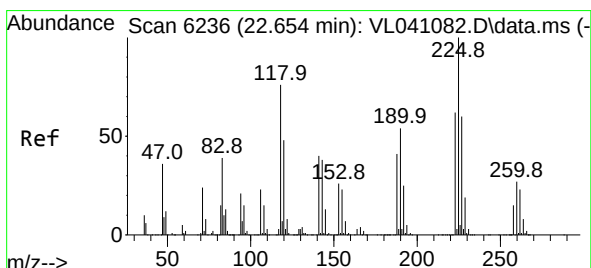
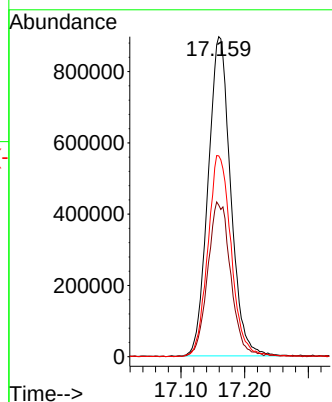
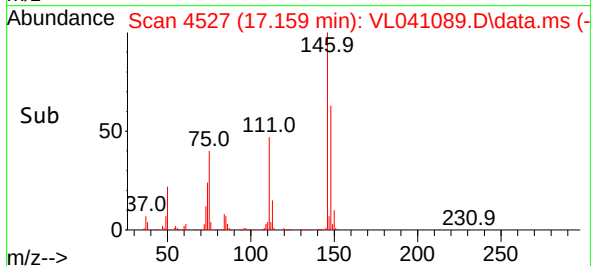
148 65.3 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.243 ppbv

RT: 22.654 min Scan# 6236

Delta R.T. 0.000 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

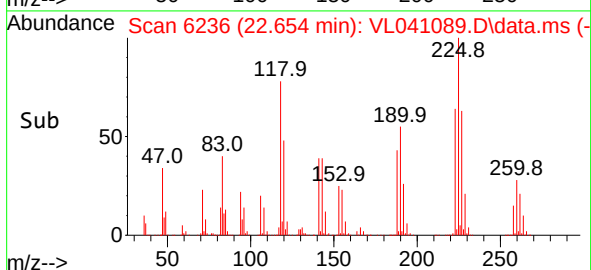
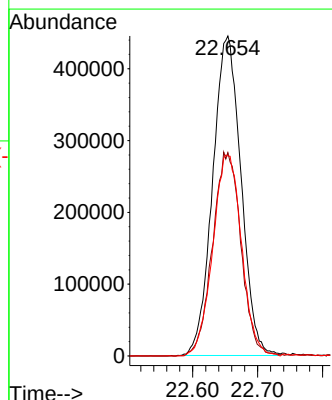
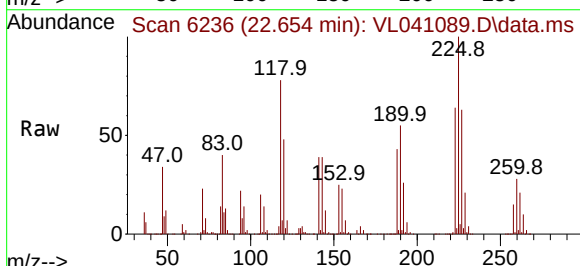
Tgt Ion:225 Resp: 1346900

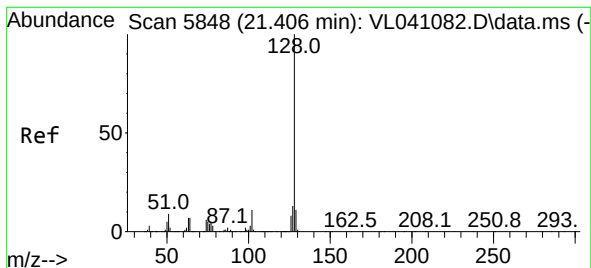
Ion Ratio Lower Upper

225 100

223 64.3 51.1 76.7

227 63.9 51.1 76.7





#79

Naphthalene

Concen: 12.309 ppbv

RT: 21.403 min Scan# 5848

Delta R.T. -0.003 min

Lab File: VL041089.D

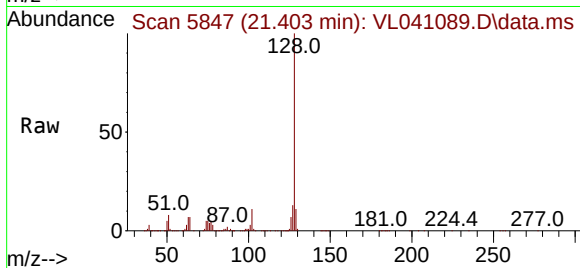
Acq: 11 Mar 2024 16:12

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031124



Tgt Ion:128 Resp: 2964674

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

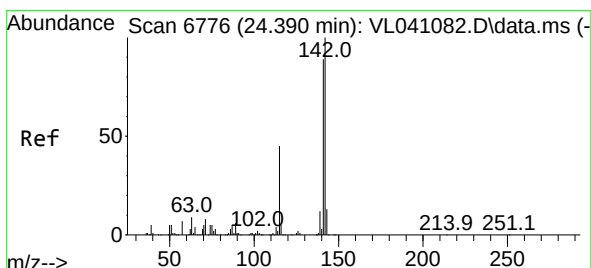
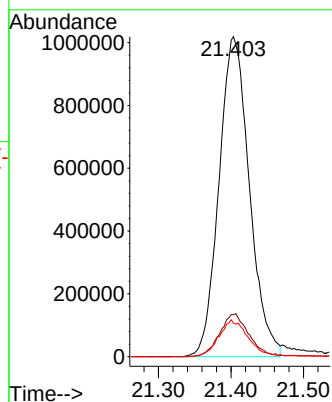
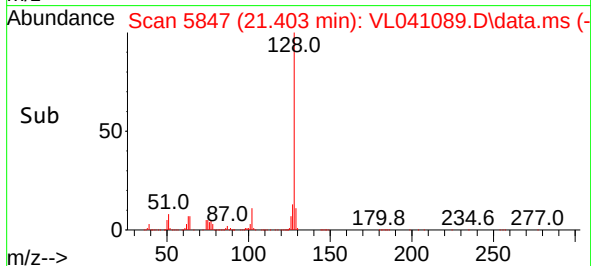
129 10.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#80

Naphthalene,2-methyl-

Concen: 13.987 ppbv m

RT: 24.387 min Scan# 6775

Delta R.T. -0.003 min

Lab File: VL041089.D

Acq: 11 Mar 2024 16:12

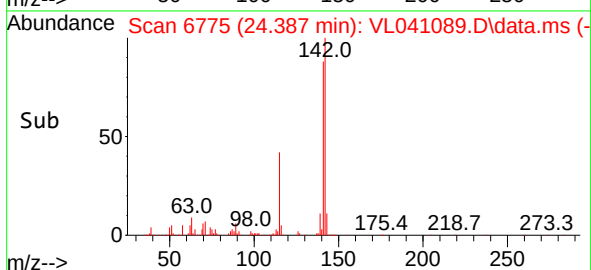
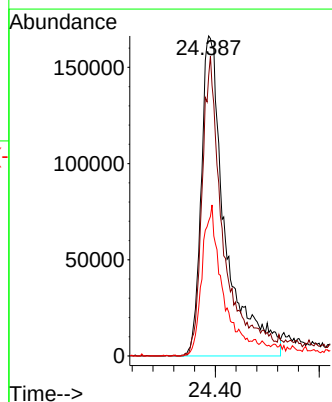
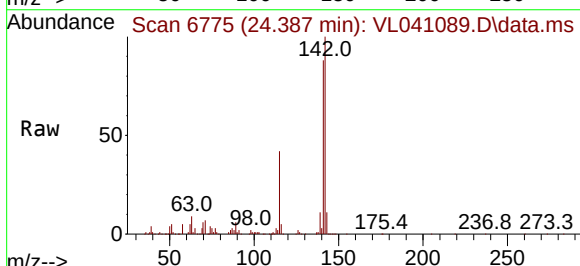
Tgt Ion:142 Resp: 539993

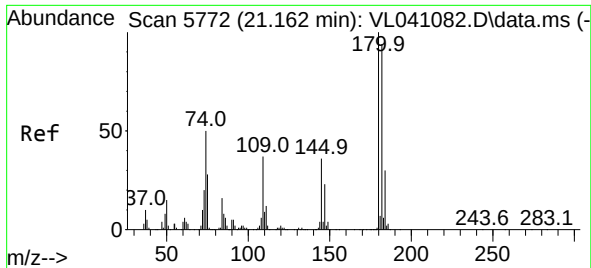
Ion Ratio Lower Upper

142 100

141 88.8 61.3 91.9

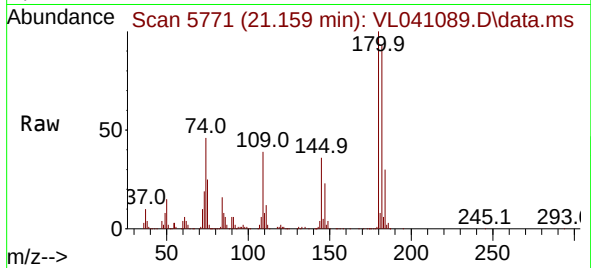
115 44.0 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.502 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041089.D
 Acq: 11 Mar 2024 16:12

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124



Tgt Ion:180 Resp: 1456599
 Ion Ratio Lower Upper
 180 100
 182 97.5 78.7 118.1
 184 30.8 25.3 37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

