

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041492.D
 Acq On : 5 Aug 2024 8:15
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:34:34 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	5.189	49	1034046	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2823238	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2874604m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2015007 9.109 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.100%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.732	85	1248605m	7.019	ppbv
3) Chlorodifluoromethane	2.677	51	1236944	10.048	ppbv 99
4) Chloromethane	2.816	50	649025	9.913	ppbv 100
5) Vinyl Chloride	2.922	62	653881	10.132	ppbv 97
6) Bromomethane	3.121	94	342336	10.321	ppbv 97
7) Chloroethane	3.198	64	227428	10.211	ppbv 94
8) Dichlorotetrafluoroethane	2.861	85	1555334	9.867	ppbv 98
9) Propene	2.697	41	540835	9.564	ppbv 98
10) Heptane	7.574	43	1388315	10.927	ppbv 99
11) Trichlorofluoromethane	3.562	101	1566621	9.916	ppbv 99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1139577	10.017	ppbv 99
13) Ethanol	3.243	45	40474m	8.008	ppbv
14) Bromoethene	3.365	108	460339	10.380	ppbv 99
15) Acetone	3.468	43	1162748	9.897	ppbv 100
16) 1,3-Butadiene	2.986	39	650065	10.356	ppbv 100
17) tert-Butyl alcohol	3.877	59	1155069	10.780	ppbv 100
18) 1,1-Dichloroethene	3.880	96	514349	10.570	ppbv 99
19) Isopropyl Alcohol	3.574	45	721665	10.507	ppbv # 98
20) Methylene Chloride	3.931	84	417957	9.540	ppbv 96
21) Allyl Chloride	3.996	41	808639	10.495	ppbv 98
22) trans-1,2-Dichloroethene	4.443	96	517510	10.636	ppbv 99
23) Vinyl Acetate	4.626	43	1036523	11.551	ppbv 98
24) 1,1-Dichloroethane	4.562	63	1089139	10.309	ppbv 99
25) Ethyl Acetate	5.201	43	2473611	10.598	ppbv 99
26) Hexane	5.211	57	1019904	10.533	ppbv 99
27) Carbon Disulfide	4.124	76	1207438	10.660	ppbv 99
28) Methyl tert-Butyl Ether	4.581	73	630195	10.321	ppbv 100
29) Chloroform	5.272	83	1606698	10.173	ppbv 99
30) Cyclohexane	6.597	84	894332	11.342	ppbv 98
31) cis-1,2-Dichloroethene	5.076	61	1019566	10.659	ppbv 98
32) 1,1,1-Trichloroethane	5.999	97	1573647	10.236	ppbv 100
34) 2-Butanone	4.783	43	1485469	10.877	ppbv 99
35) Carbon Tetrachloride	6.491	117	1659946	10.660	ppbv 98
36) Benzene	6.369	78	2193743	10.634	ppbv 98
37) 1,2-Dichloroethane	5.806	62	1229718	10.651	ppbv 100
38) Trichloroethene	7.288	130	991953	10.496	ppbv 98
39) 1,2-Dichloropropane	7.069	63	845993	10.712	ppbv 97
40) 1,4-Dioxane	7.278	88	322874	10.177	ppbv 76
41) Tetrahydrofuran	5.552	42	871951	11.163	ppbv 100
42) Bromodichloromethane	7.246	83	1774615	10.644	ppbv 99
43) Methyl Methacrylate	7.468	69	866253	11.710	ppbv 96
44) 2,2,4-Trimethylpentane	7.320	57	3668281	10.646	ppbv 100
45) t-1,3-Dichloropropene	8.706	75	888906	13.055	ppbv 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041492.D
 Acq On : 5 Aug 2024 8:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:34:34 2024

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

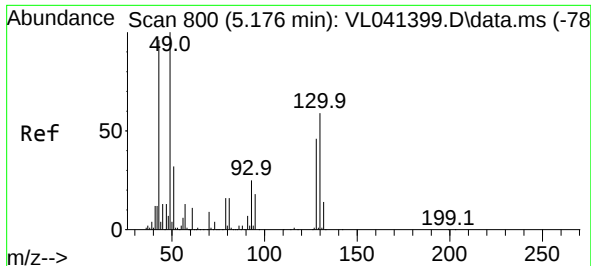
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

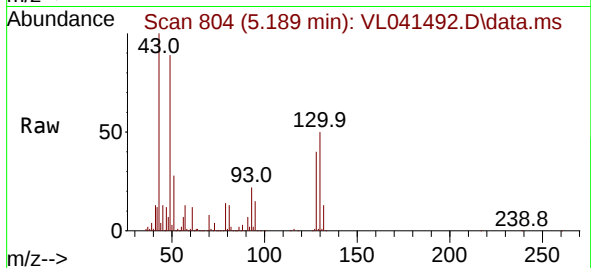
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1197773	12.182	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	912598	10.483	ppbv	97
48) Dibromochloromethane	9.706	129	1536211	10.953	ppbv	99
49) Bromoform	12.400	173	1362852	11.504	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2441373	11.330	ppbv	99
51) 2-Hexanone	9.545	43	2003191	12.295	ppbv	98
52) Tetrachloroethene	10.613	164	833142	10.452	ppbv	96
53) Toluene	9.217	91	2584060	11.246	ppbv	99
54) 1,2-Dibromoethane	10.005	107	1319578	11.388	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.503	131	1103662	9.900	ppbv #	56
57) Chlorobenzene	11.519	112	2006819	9.805	ppbv	99
58) Ethyl Benzene	12.085	91	3481919	10.509	ppbv	97
59) m/p-Xylene	12.368	91	5878850m	20.554	ppbv	
60) o-Xylene	13.053	91	2816993	10.411	ppbv	100
61) Styrene	12.892	104	1397860	11.452	ppbv	99
62) Isopropylbenzene	14.021	105	4123045	10.024	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1734357	10.151	ppbv	100
64) n-propylbenzene	14.912	120	1103072	10.258	ppbv	96
65) tert-Butylbenzene	16.082	119	3704329	9.971	ppbv	100
66) Benzyl Chloride	16.320	91	288869	12.123	ppbv	99
67) sec-Butylbenzene	16.629	105	5184615	10.129	ppbv	100
69) p-Isopropyltoluene	16.989	119	4357796	10.259	ppbv	100
70) n-Butylbenzene	17.879	91	4519257	10.379	ppbv	100
71) 2-Chlorotoluene	14.793	91	3114664	10.268	ppbv	99
72) 4-Ethyltoluene	15.188	105	3411948	10.711	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2916730	10.629	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	3255434	10.204	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	2022267	10.084	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1993472	10.266	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1972219	9.920	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1478216	8.719	ppbv	99
79) Naphthalene	21.371	128	3345463	11.880	ppbv	100
80) Naphthalene,2-methyl-	24.361	142	2971534	12.589	ppbv	97
81) 1,2,4-Trichlorobenzene	21.130	180	1763021	10.521	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

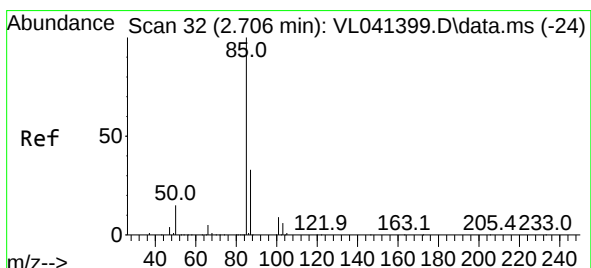
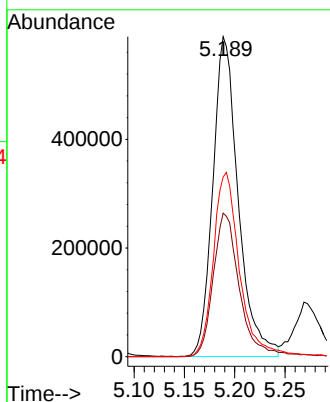
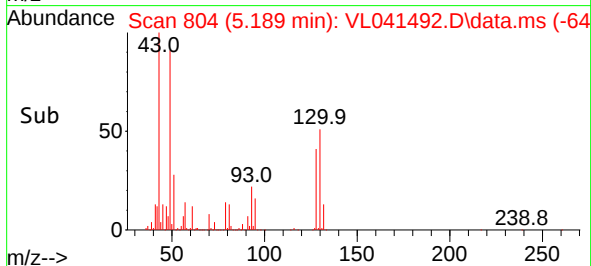
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



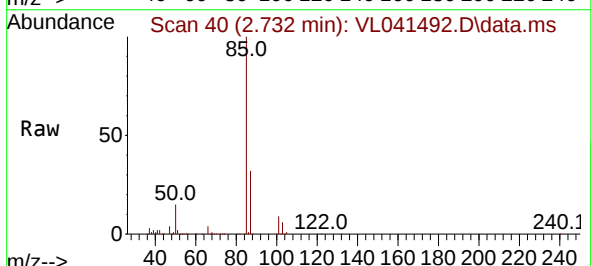
Tgt Ion: 49 Resp: 103404
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.5 30.8 92.4

Manual Integrations
APPROVED

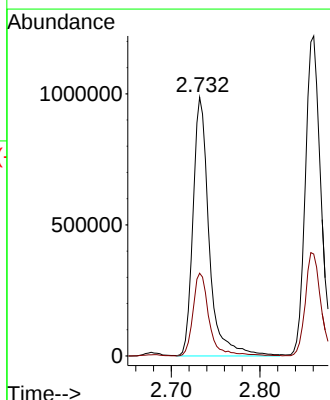
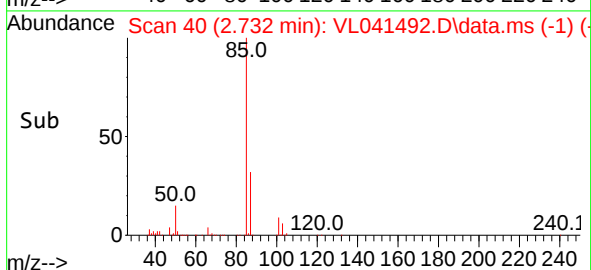
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

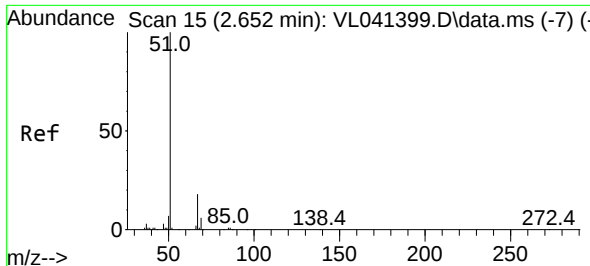


#2
Dichlorodifluoromethane
Concen: 7.019 ppbv m
RT: 2.732 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



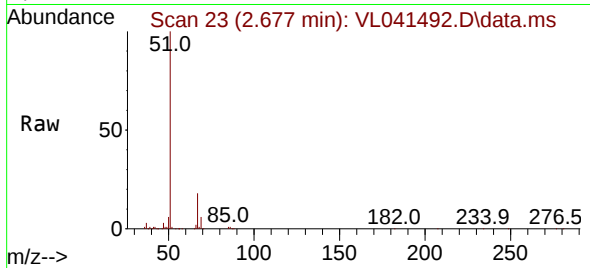
Tgt Ion: 85 Resp: 1248605
Ion Ratio Lower Upper
85 100
87 32.0 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.048 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

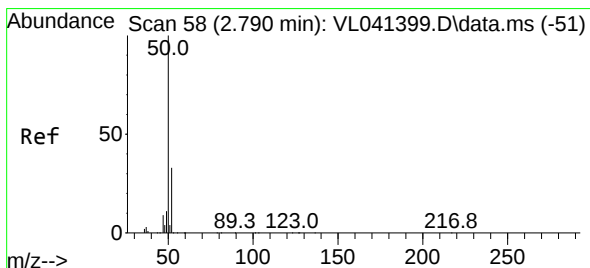
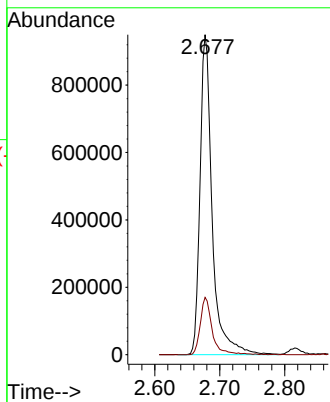
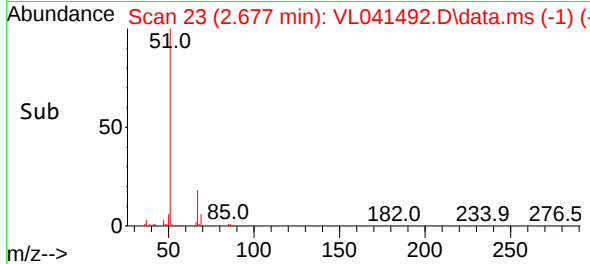
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1236944
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7

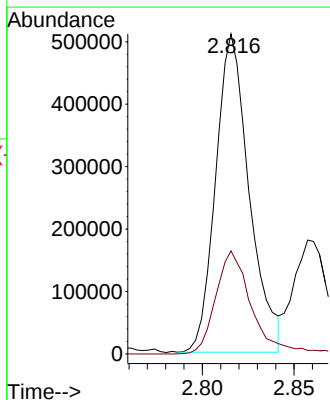
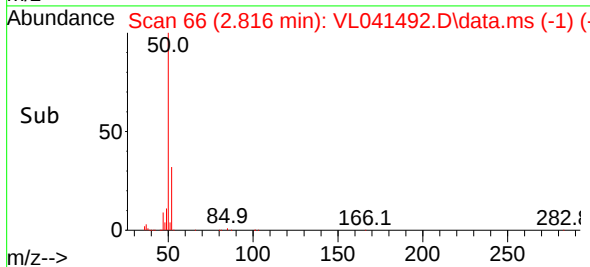
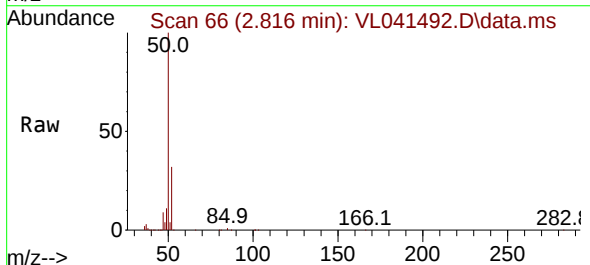
Manual Integrations
APPROVED

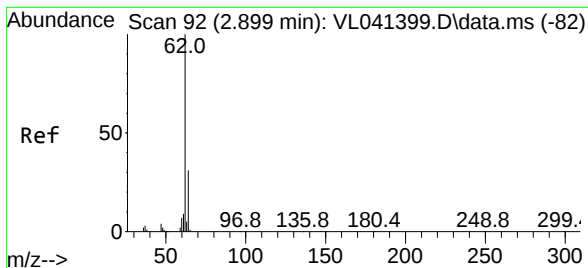
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Chloromethane
Concen: 9.913 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 50 Resp: 649025
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1





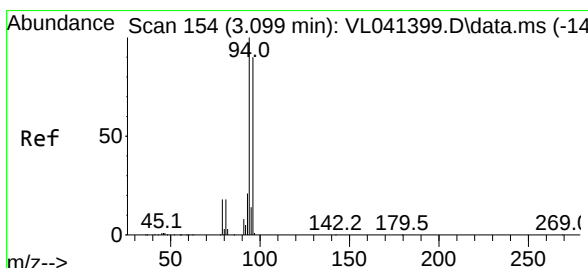
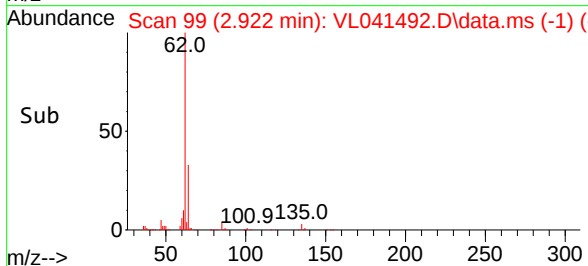
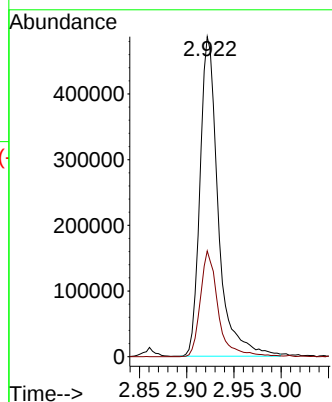
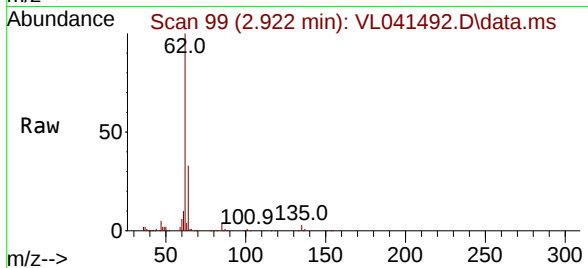
#5
 Vinyl Chloride
 Concen: 10.132 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 65388
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.0 37.4

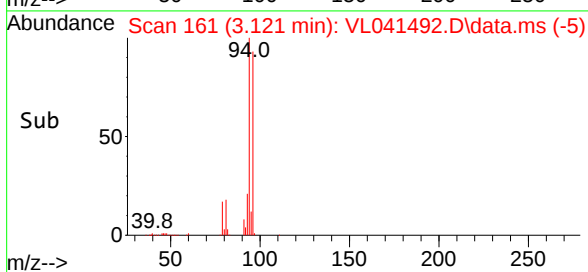
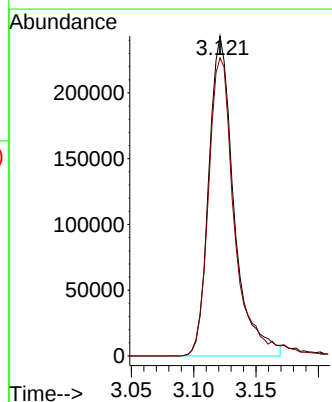
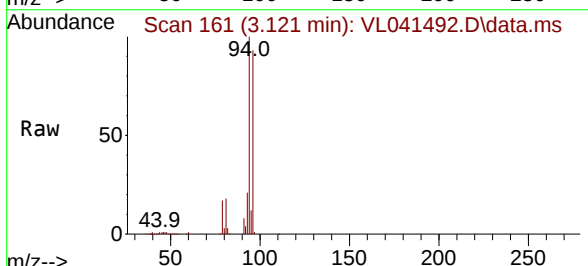
Manual Integrations
 APPROVED

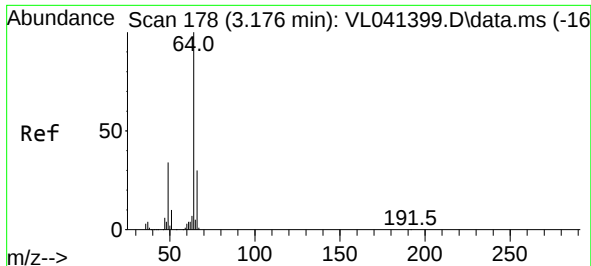
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#6
 Bromomethane
 Concen: 10.321 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

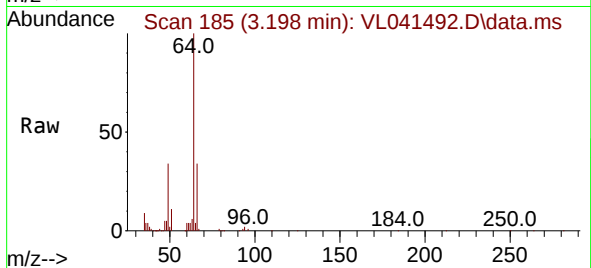
Tgt Ion: 94 Resp: 342336
 Ion Ratio Lower Upper
 94 100
 96 93.2 72.3 108.5





#7
Chloroethane
Concen: 10.211 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

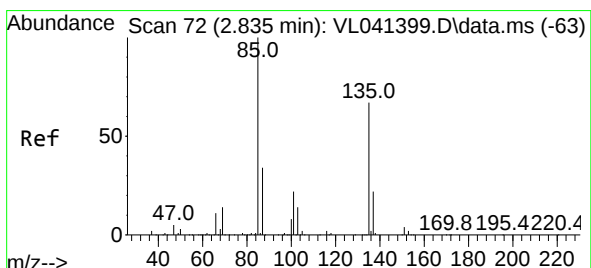
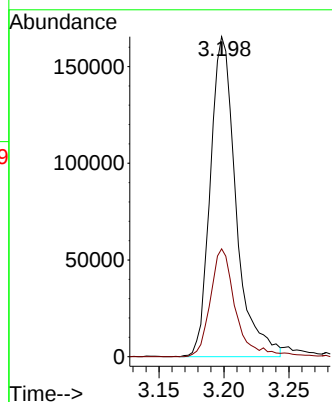
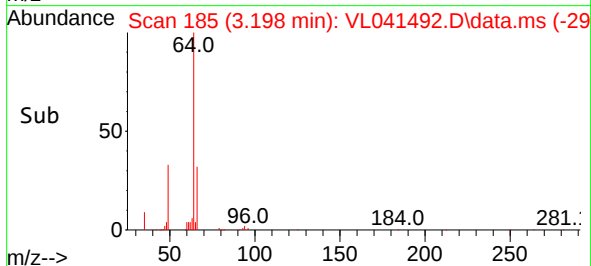
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 227428
Ion Ratio Lower Upper
64 100
66 33.7 24.2 36.2

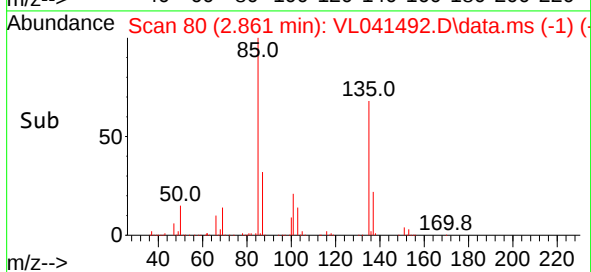
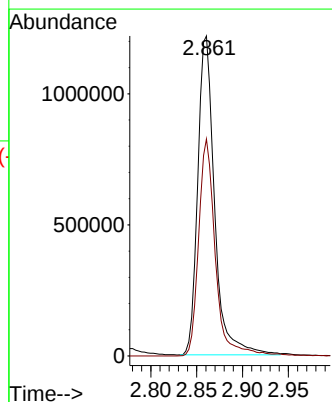
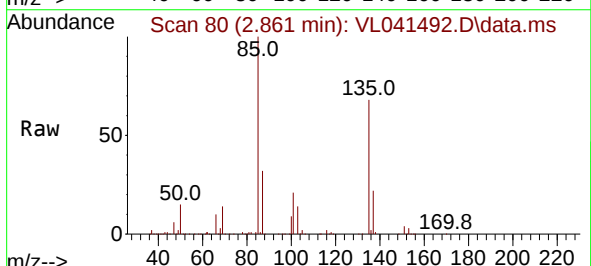
Manual Integrations
APPROVED

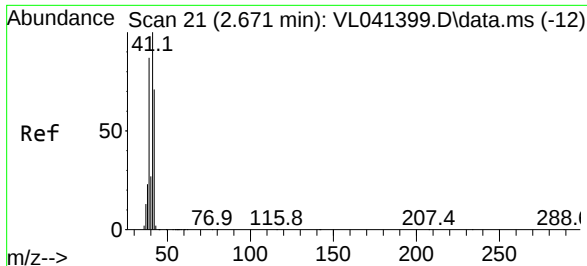
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.867 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

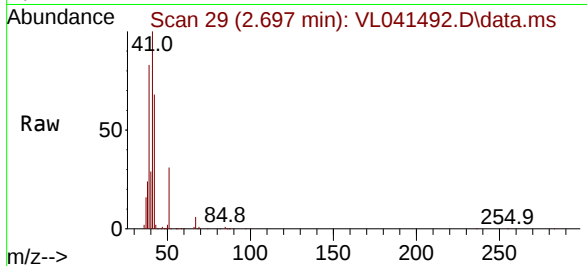
Tgt Ion: 85 Resp: 1555334
Ion Ratio Lower Upper
85 100
135 68.0 55.4 83.0





#9
 Propene
 Concen: 9.564 ppbv
 RT: 2.697 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

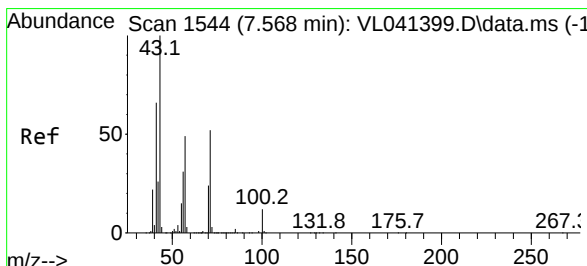
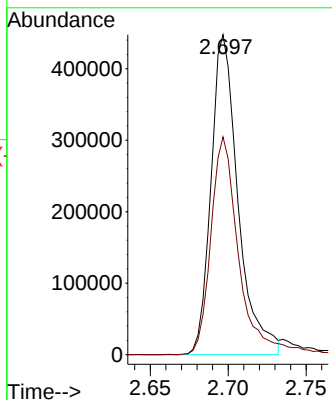
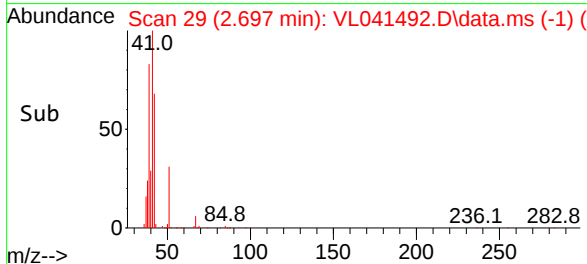
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



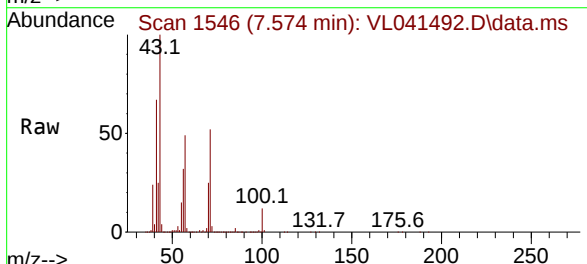
Tgt Ion: 41 Resp: 540835
 Ion Ratio Lower Upper
 41 100
 42 71.5 55.9 83.9

Manual Integrations
 APPROVED

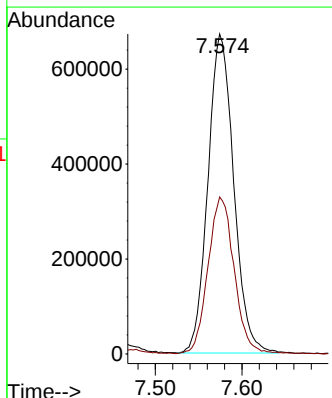
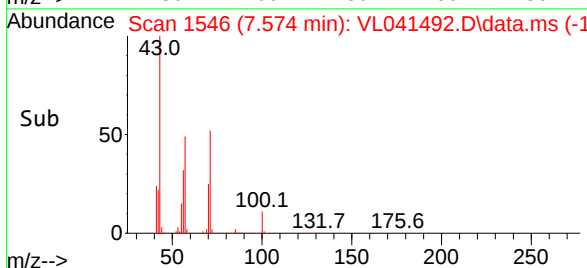
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

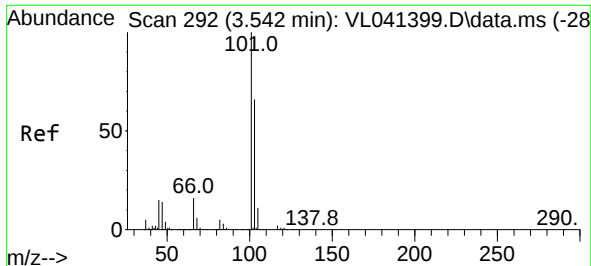


#10
 Heptane
 Concen: 10.927 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15



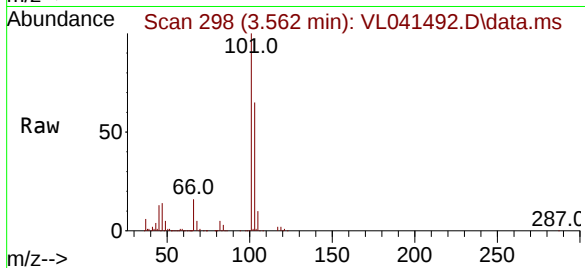
Tgt Ion: 43 Resp: 1388315
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.916 ppbv
RT: 3.562 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

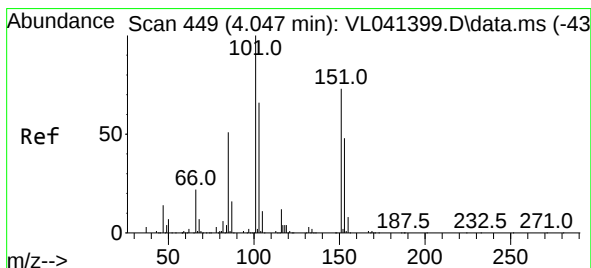
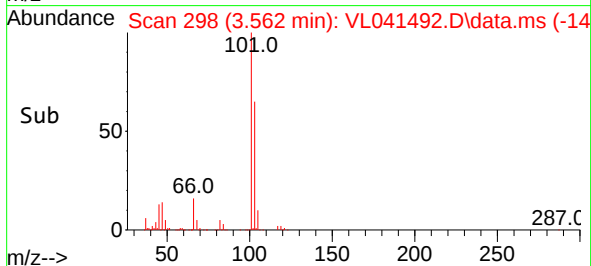
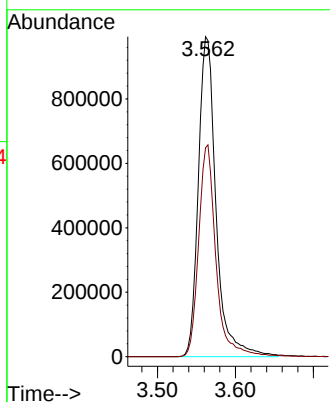
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 156662
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0

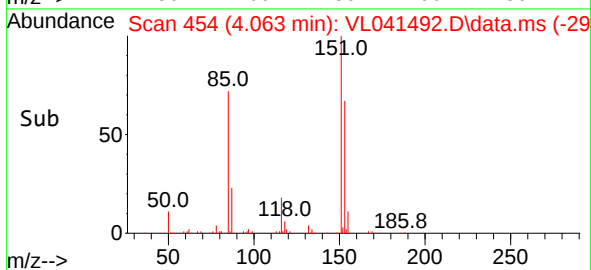
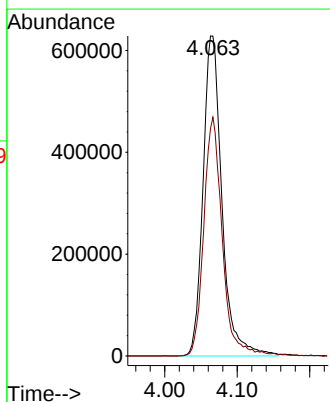
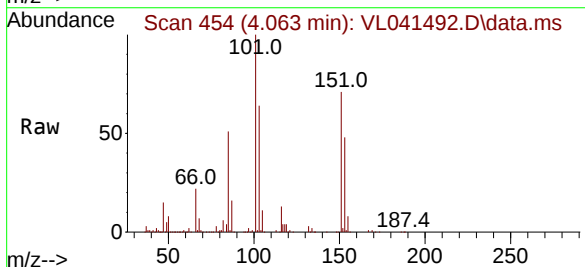
Manual Integrations
APPROVED

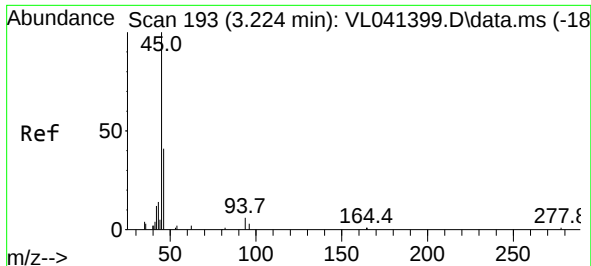
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.017 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

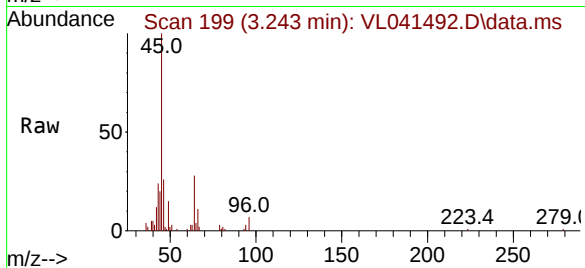
Tgt Ion:101 Resp: 1139577
Ion Ratio Lower Upper
101 100
151 73.2 59.4 89.2





#13
Ethanol
Concen: 8.008 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

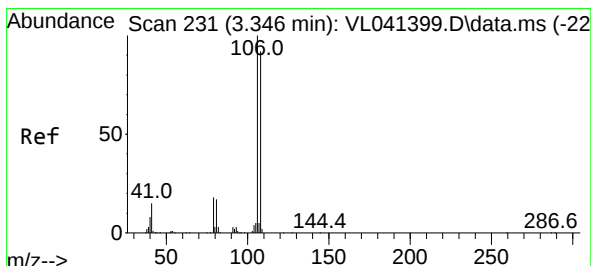
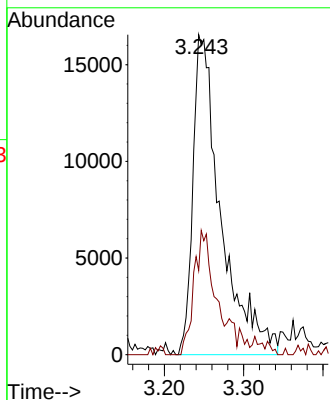
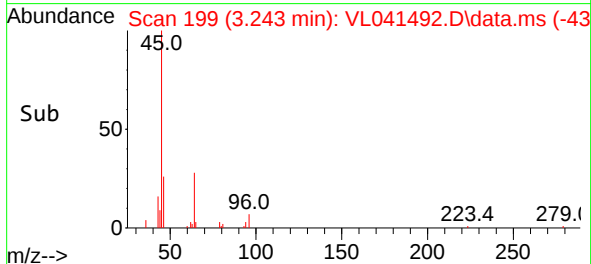
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



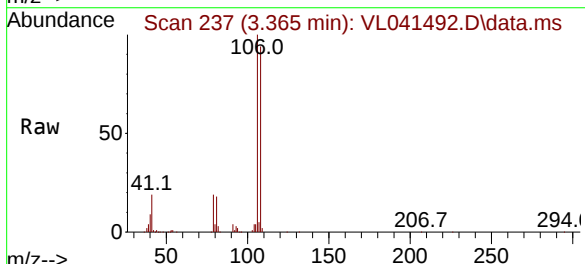
Tgt Ion: 45 Resp: 40474
Ion Ratio Lower Upper
45 100
46 32.9 13.4 53.4

Manual Integrations
APPROVED

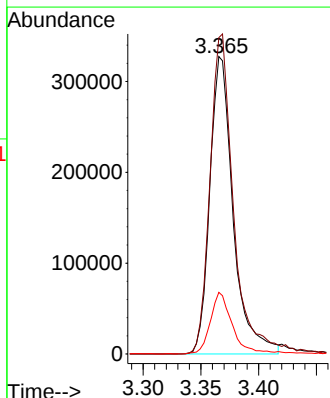
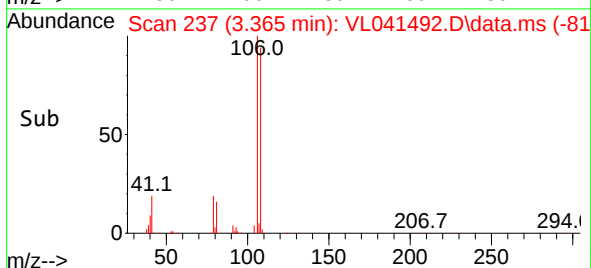
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

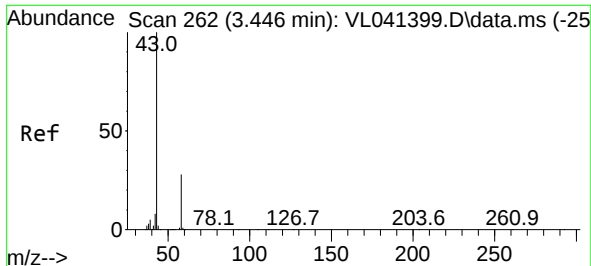


#14
Bromoethene
Concen: 10.380 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



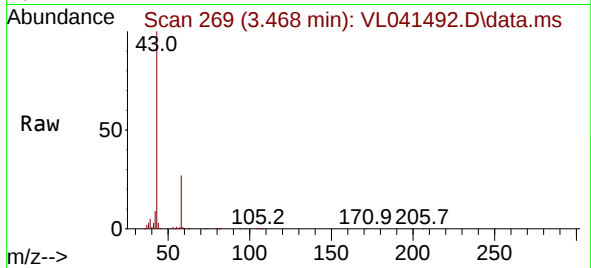
Tgt Ion:108 Resp: 460339
Ion Ratio Lower Upper
108 100
106 110.1 86.9 130.3
79 20.4 16.2 24.4





#15
Acetone
Concen: 9.897 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

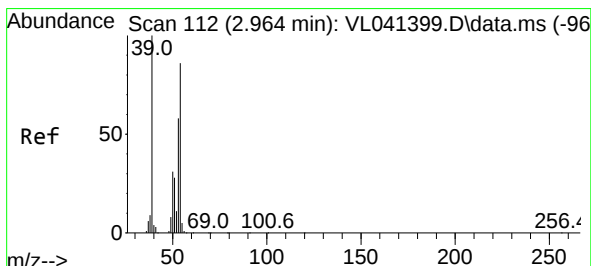
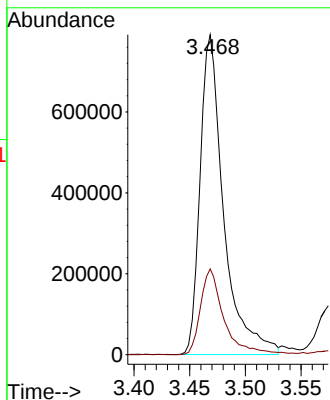
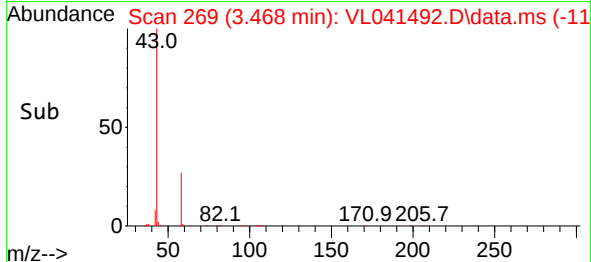
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



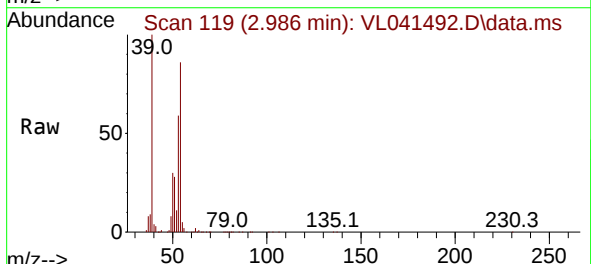
Tgt Ion: 43 Resp: 1162748
Ion Ratio Lower Upper
43 100
58 26.9 21.4 32.2

Manual Integrations
APPROVED

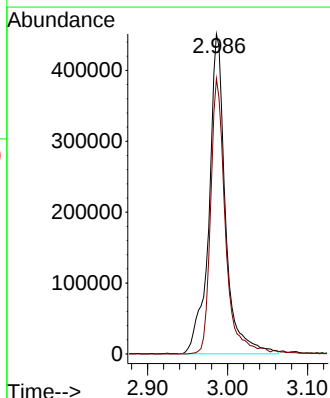
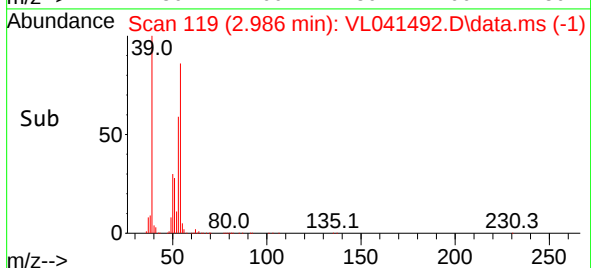
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

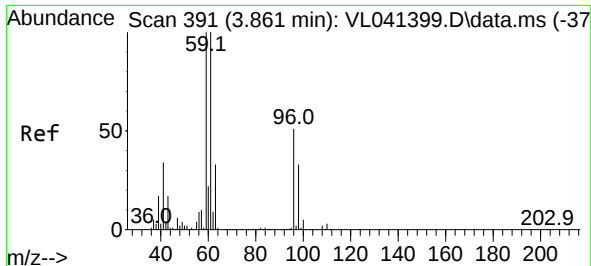


#16
1,3-Butadiene
Concen: 10.356 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



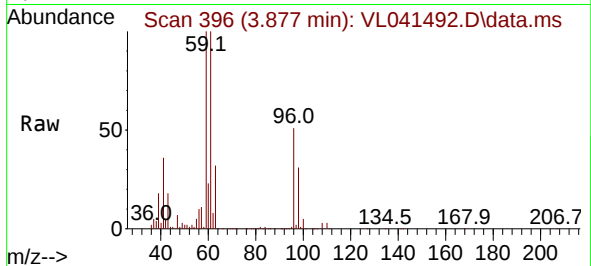
Tgt Ion: 39 Resp: 650065
Ion Ratio Lower Upper
39 100
54 77.8 62.5 93.7





#17
tert-Butyl alcohol
Concen: 10.780 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

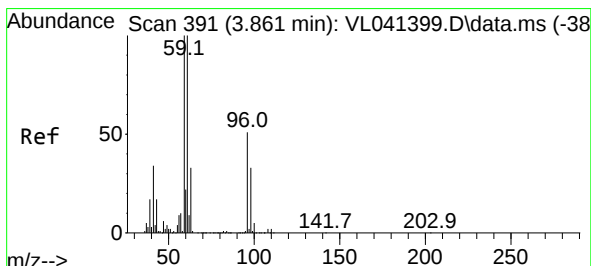
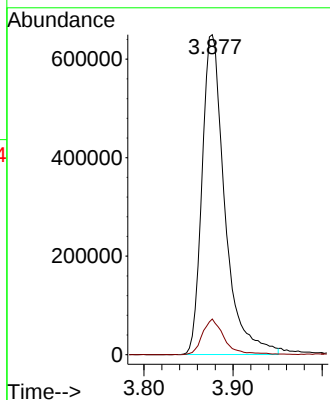
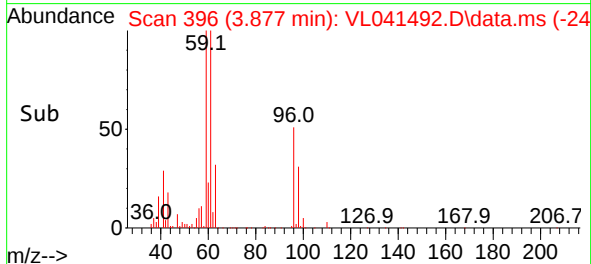
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



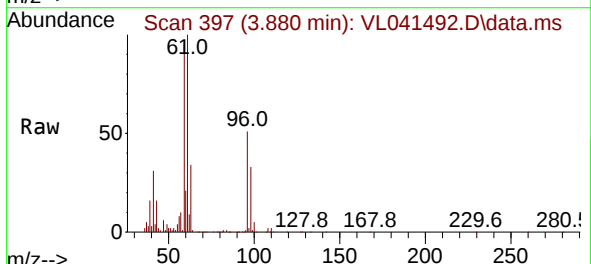
Tgt Ion: 59 Resp: 1155069
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

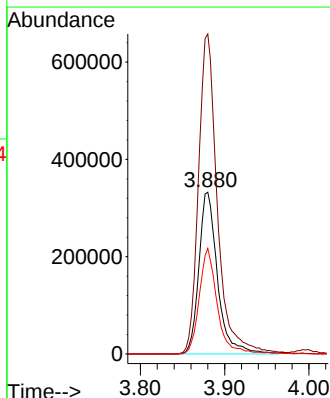
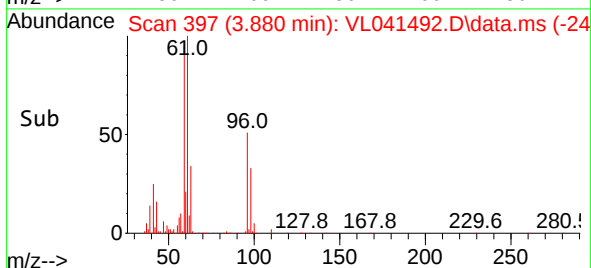
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

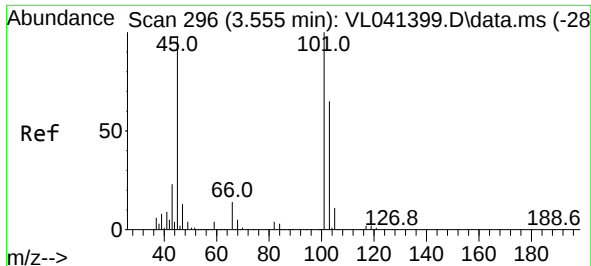


#18
1,1-Dichloroethene
Concen: 10.570 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



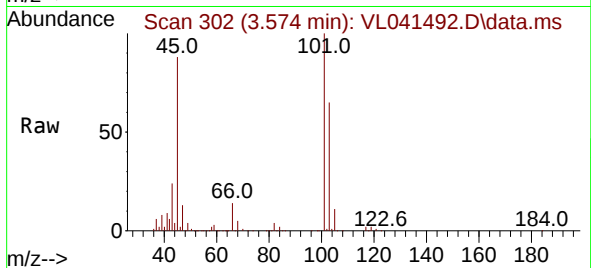
Tgt Ion: 96 Resp: 514349
Ion Ratio Lower Upper
96 100
61 197.8 157.5 236.3
98 65.3 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.507 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

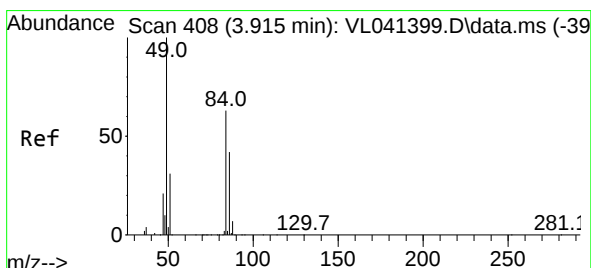
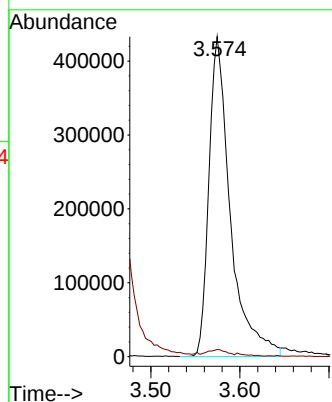
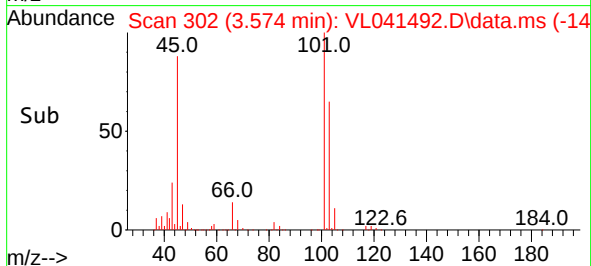
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



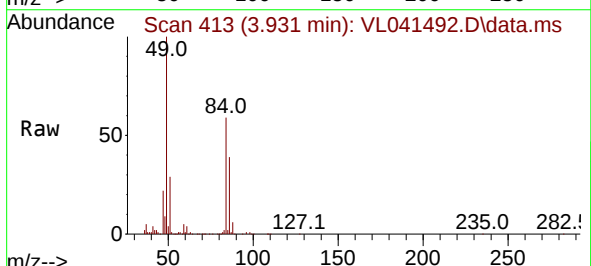
Tgt Ion: 45 Resp: 72166
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9

Manual Integrations
APPROVED

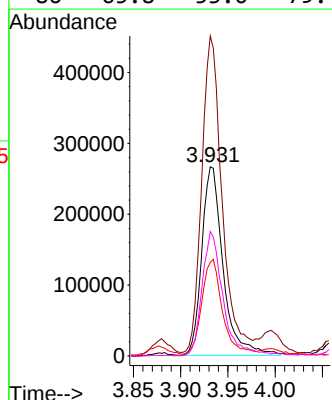
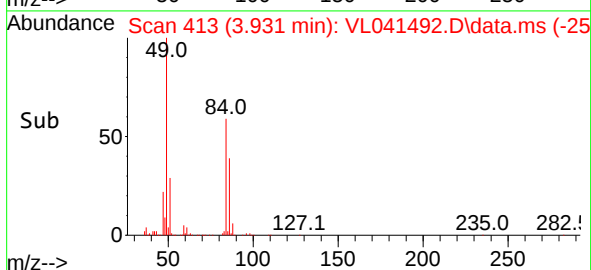
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

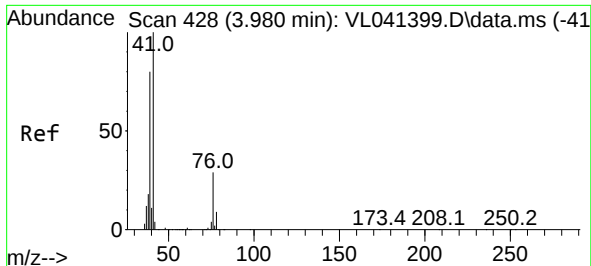


#20
Methylene Chloride
Concen: 9.540 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



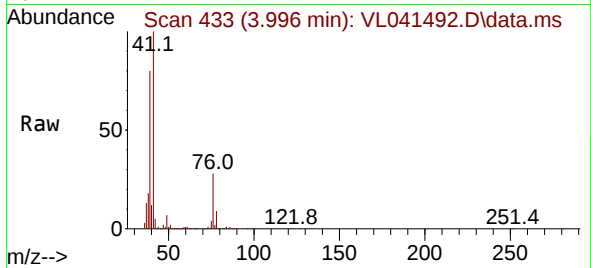
Tgt Ion: 84 Resp: 417957
Ion Ratio Lower Upper
84 100
49 167.8 126.6 190.0
51 48.5 38.6 58.0
86 65.8 53.0 79.4





#21
 Allyl Chloride
 Concen: 10.495 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

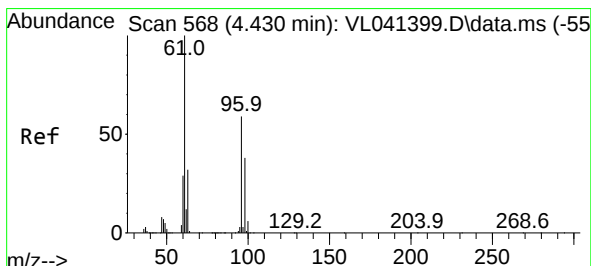
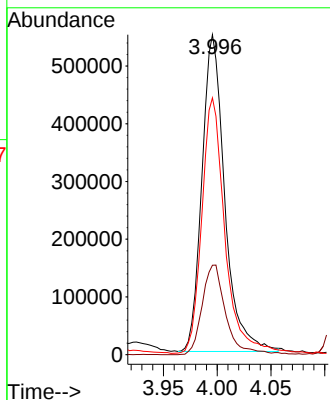
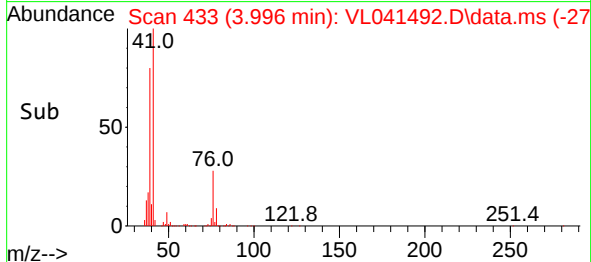
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 808639
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.7 35.5
 39 82.7 64.3 96.5

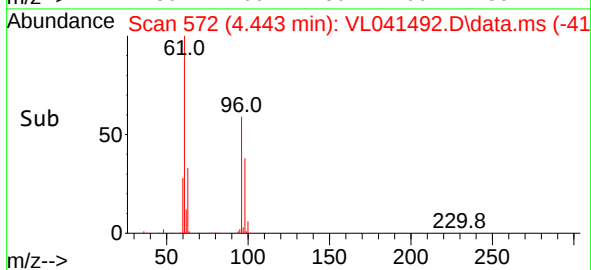
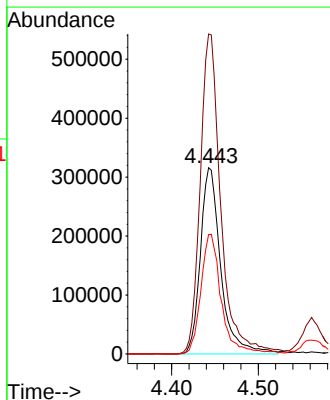
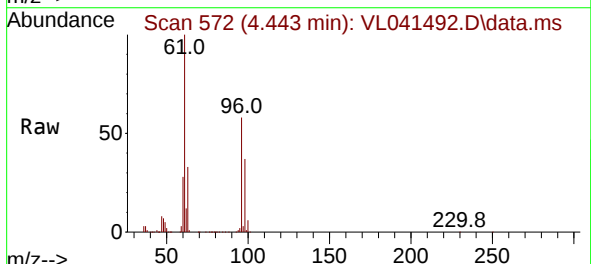
Manual Integrations
 APPROVED

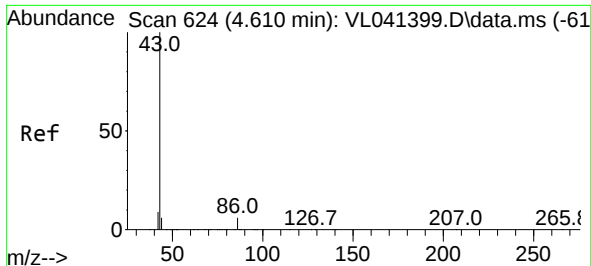
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.636 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

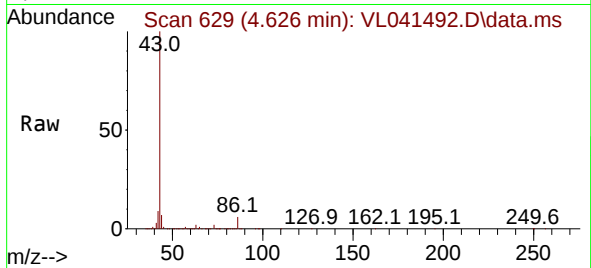
Tgt Ion: 96 Resp: 517510
 Ion Ratio Lower Upper
 96 100
 61 171.8 135.4 203.2
 98 64.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.551 ppbv
 RT: 4.626 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

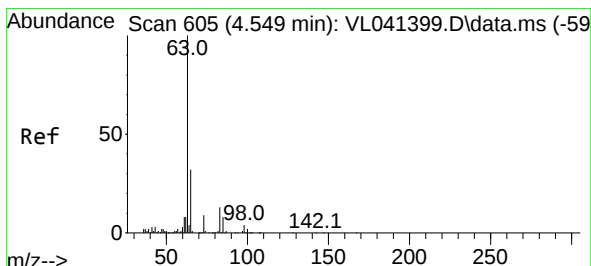
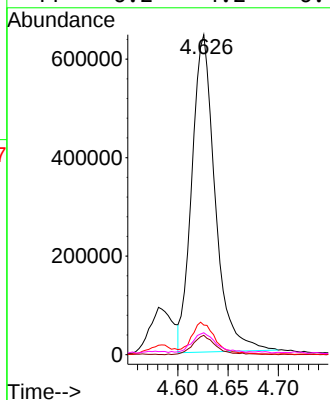
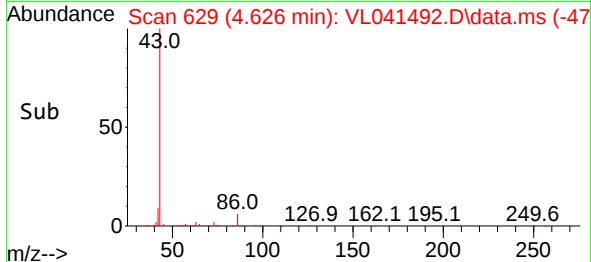


Tgt Ion: 43 Resp: 103652

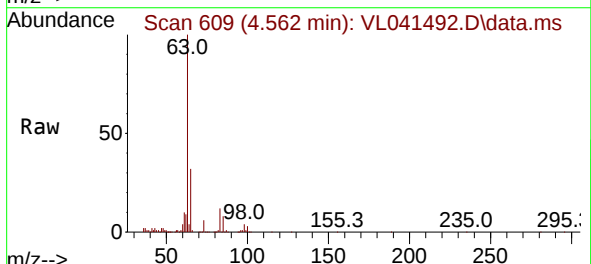
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.6	6.8
42	9.2	7.9	11.9
44	6.2	4.2	6.4

Manual Integrations
 APPROVED

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

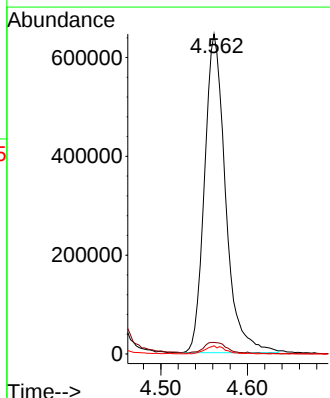
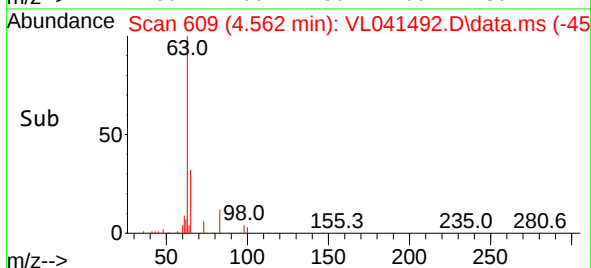


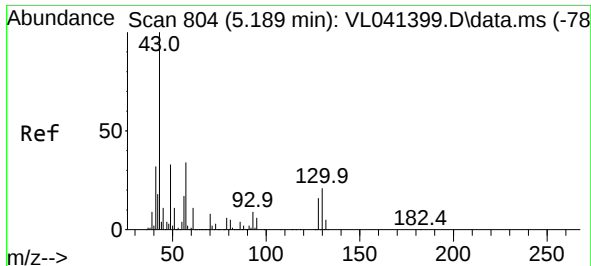
#24
 1,1-Dichloroethane
 Concen: 10.309 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15



Tgt Ion: 63 Resp: 1089139

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.0	6.0
100	2.5	1.2	3.6





#25
Ethyl Acetate
Concen: 10.598 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

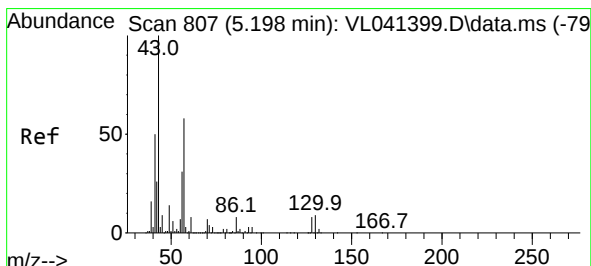
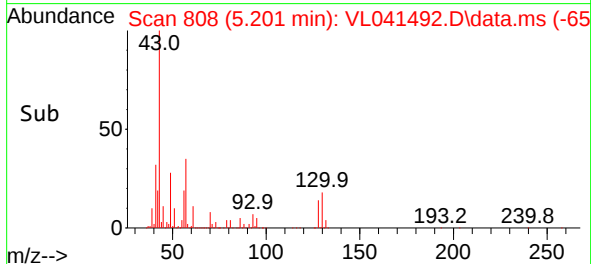
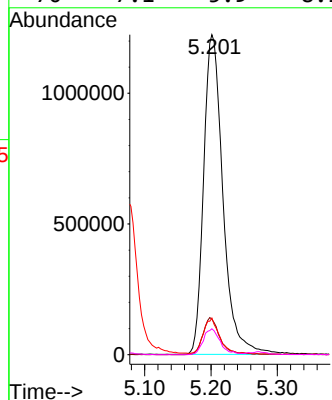
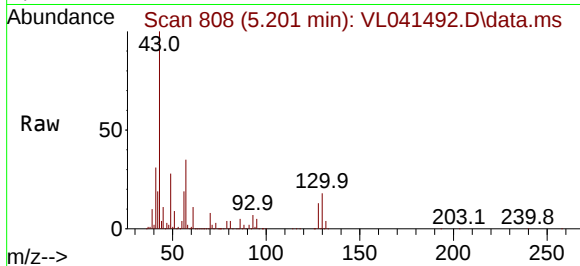
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 247361

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.2	8.0	12.0
70	7.1	5.9	8.9

Manual Integrations
APPROVED

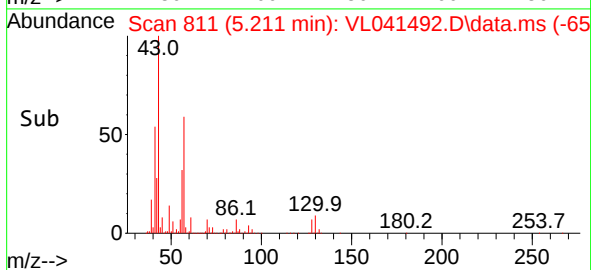
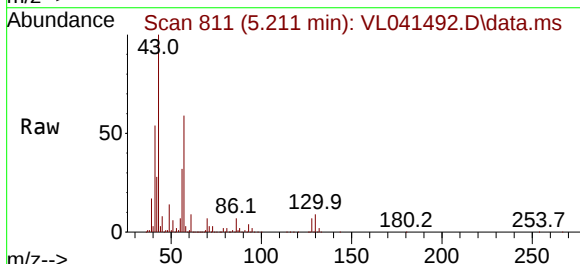
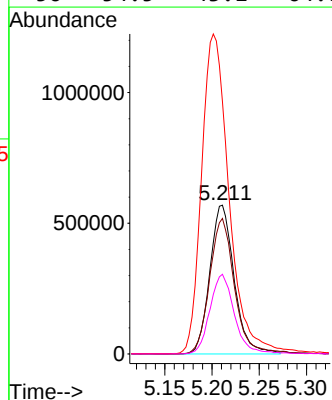
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

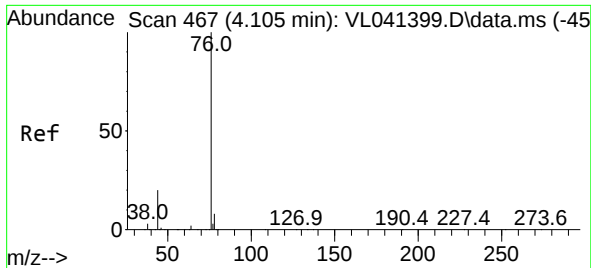


#26
Hexane
Concen: 10.533 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 57 Resp: 1019904

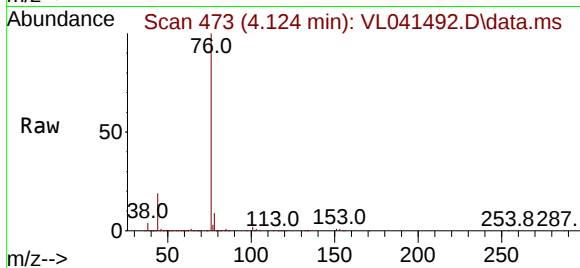
Ion	Ratio	Lower	Upper
57	100		
41	94.1	74.0	111.0
43	243.8	193.6	290.4
56	54.5	43.1	64.7





#27
Carbon Disulfide
Concen: 10.660 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

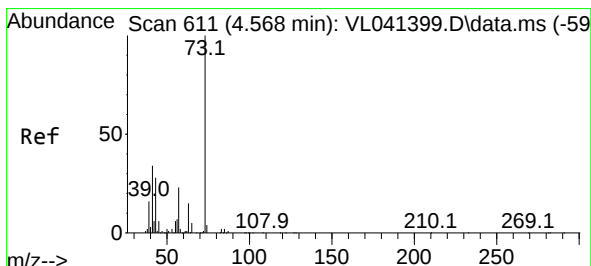
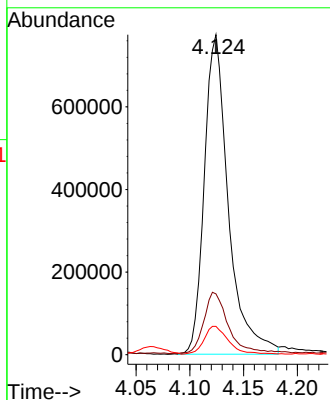
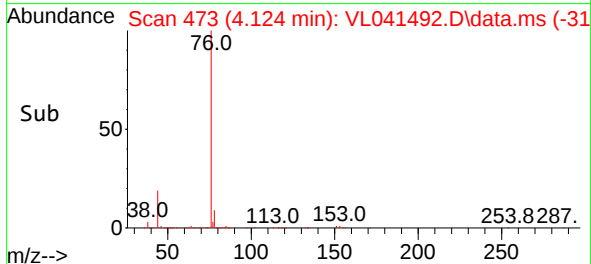
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



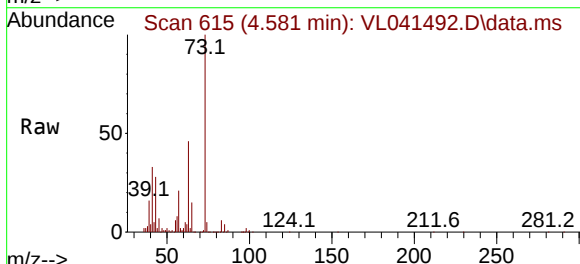
Tgt Ion: 76 Resp: 1207438
Ion Ratio Lower Upper
76 100
44 19.8 15.6 23.4
78 9.2 7.7 11.5

Manual Integrations
APPROVED

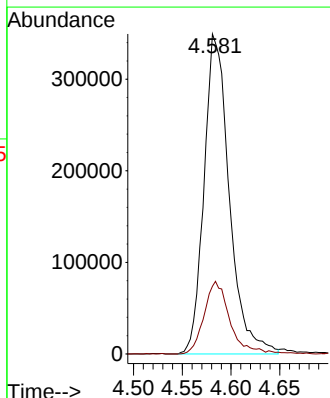
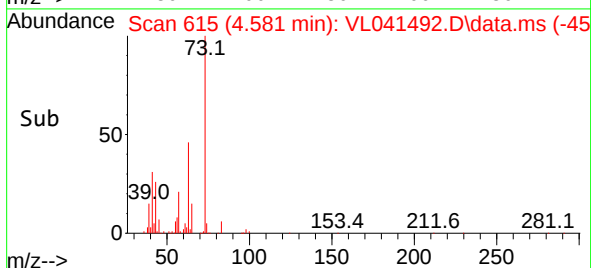
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

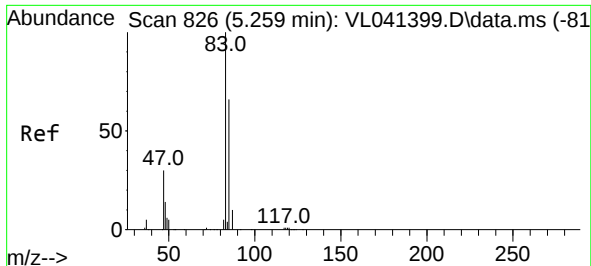


#28
Methyl tert-Butyl Ether
Concen: 10.321 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



Tgt Ion: 73 Resp: 630195
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3





#29

Chloroform

Concen: 10.173 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1606698

Ion Ratio Lower Upper

83 100

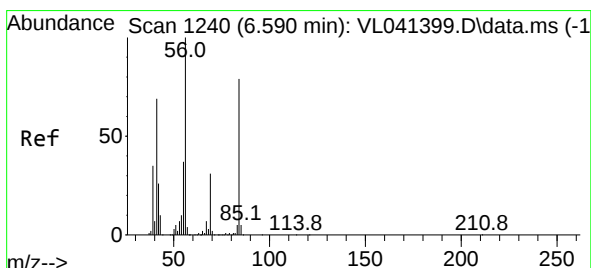
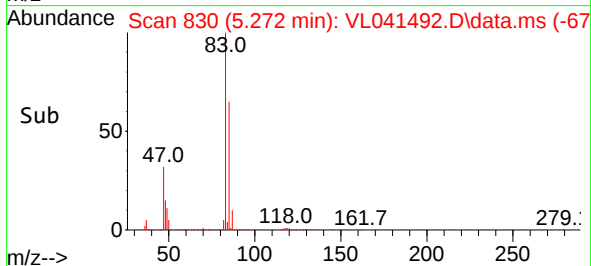
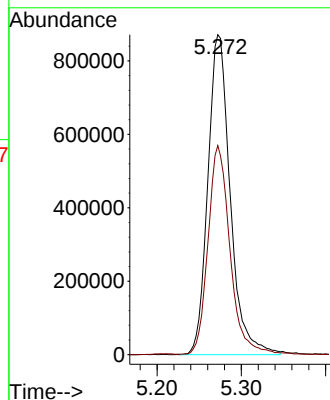
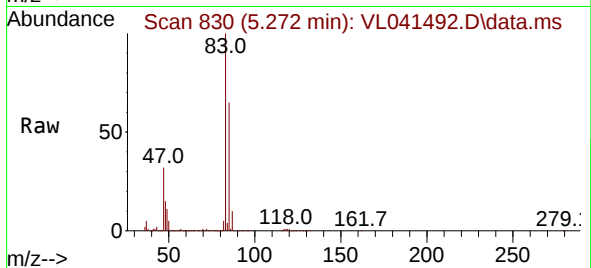
85 65.2 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#30

Cyclohexane

Concen: 11.342 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

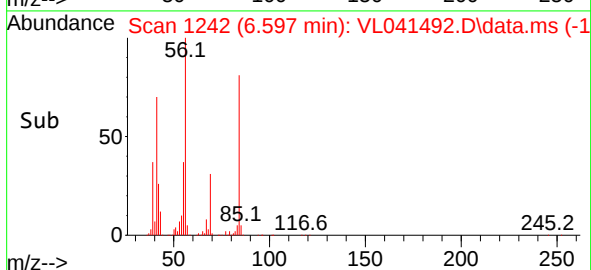
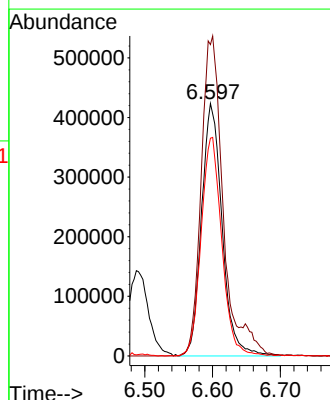
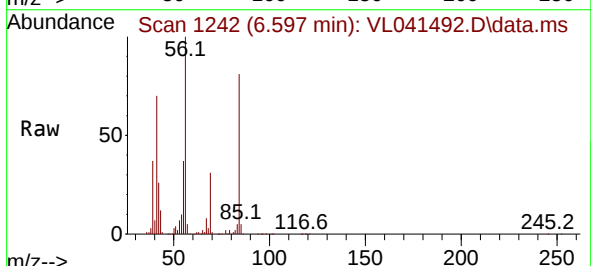
Tgt Ion: 84 Resp: 894332

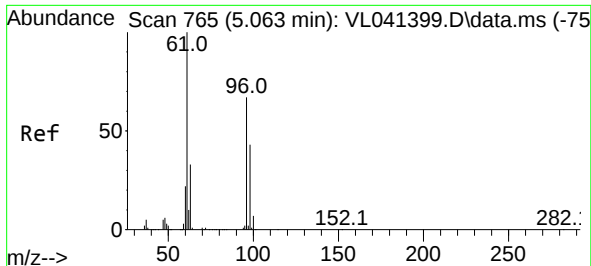
Ion Ratio Lower Upper

84 100

56 136.0 111.2 166.8

41 87.0 70.3 105.5





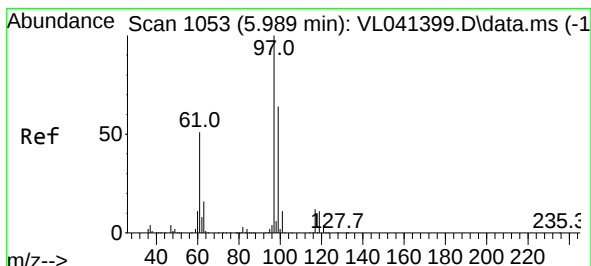
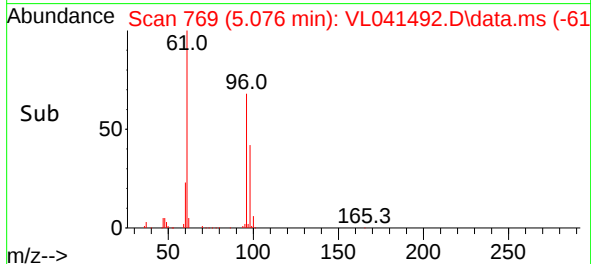
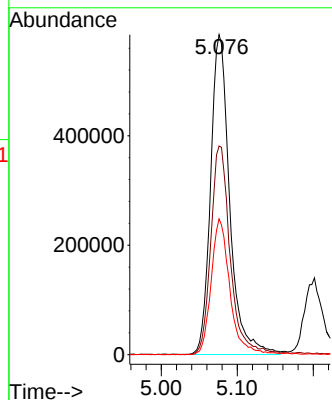
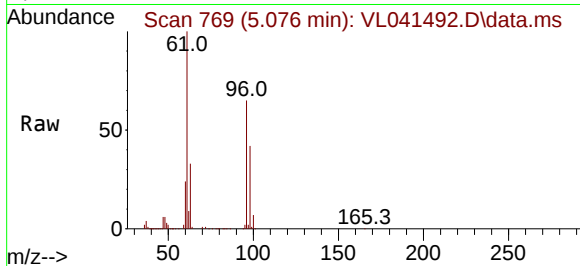
#31
cis-1,2-Dichloroethene
Concen: 10.659 ppbv
RT: 5.076 min Scan# 769
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 101956
Ion Ratio Lower Upper
61 100
96 65.1 53.4 80.2
98 42.5 34.4 51.6

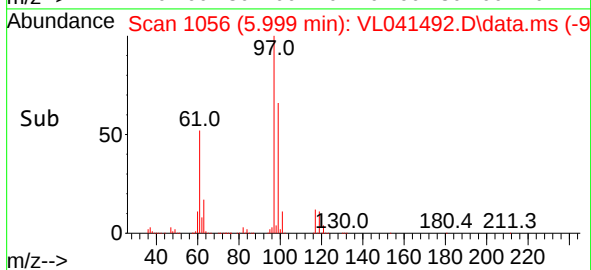
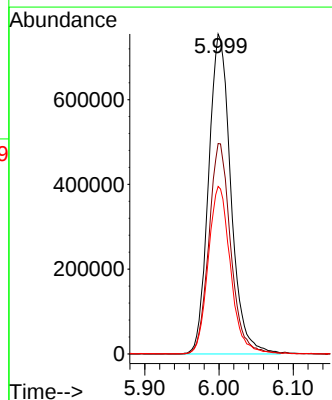
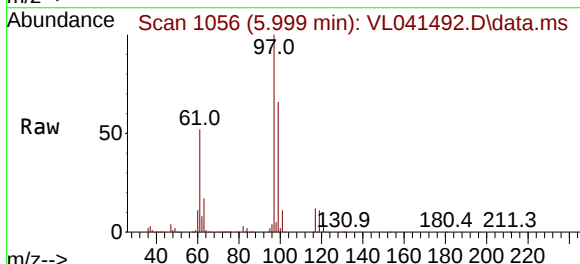
Manual Integrations
APPROVED

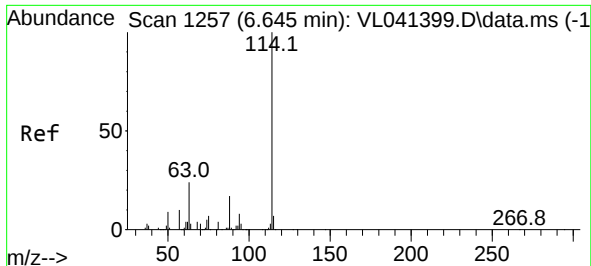
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#32
1,1,1-Trichloroethane
Concen: 10.236 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 97 Resp: 1573647
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 52.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2823238

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

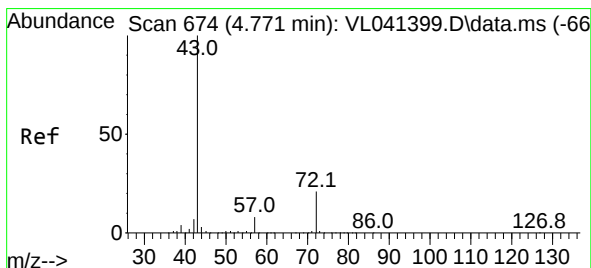
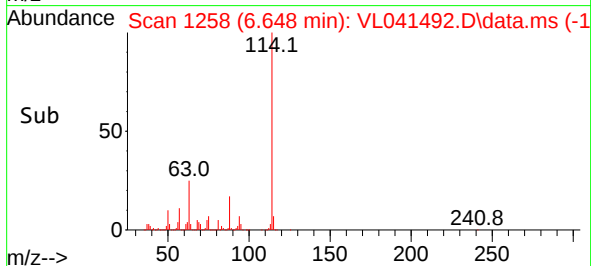
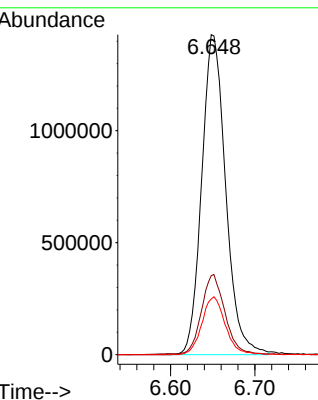
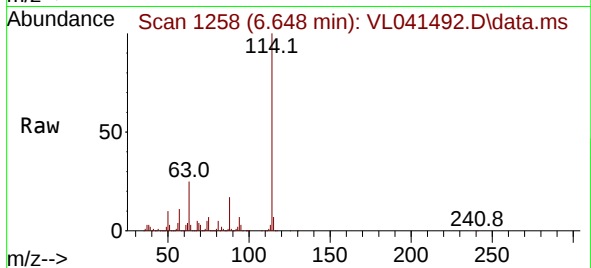
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#34

2-Butanone

Concen: 10.877 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041492.D

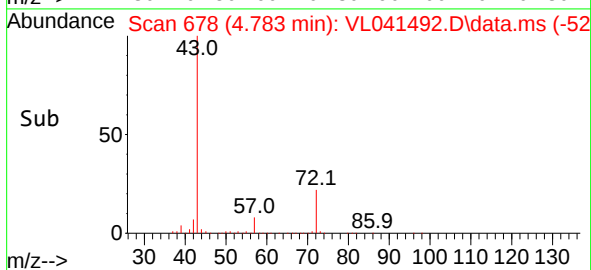
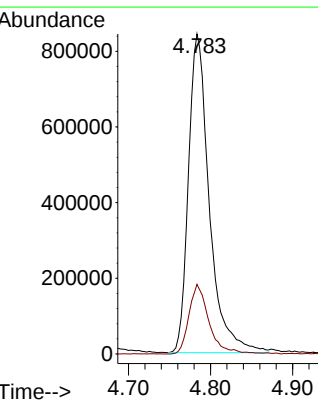
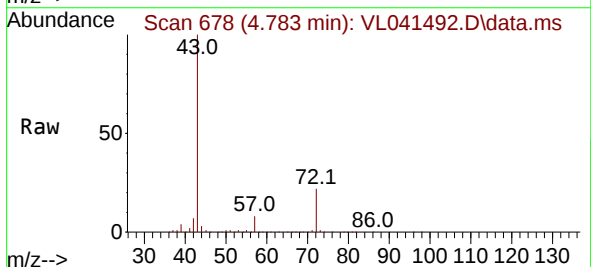
Acq: 5 Aug 2024 8:15

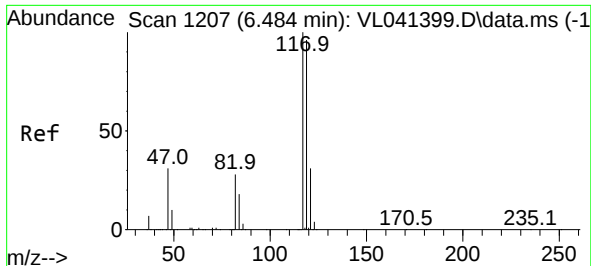
Tgt Ion: 43 Resp: 1485469

Ion Ratio Lower Upper

43 100

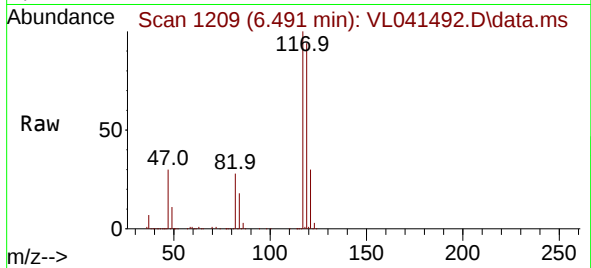
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.660 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

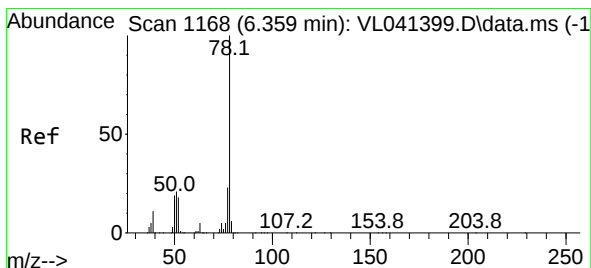
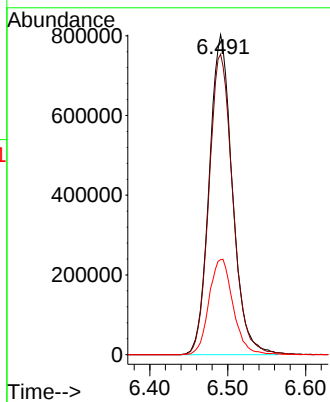
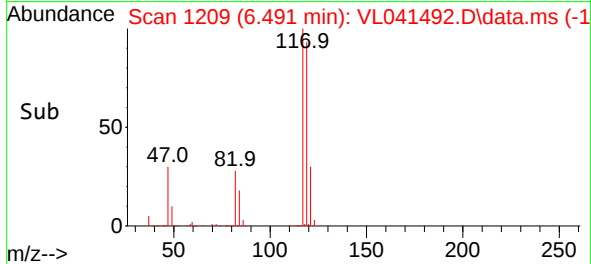
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1659940
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0
121 29.7 25.1 37.7

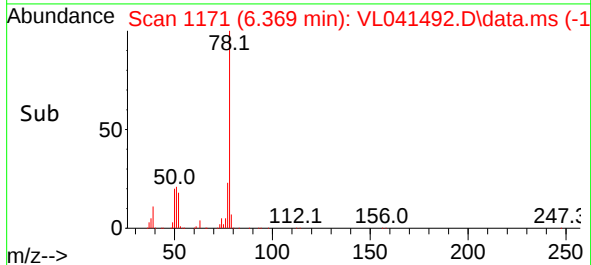
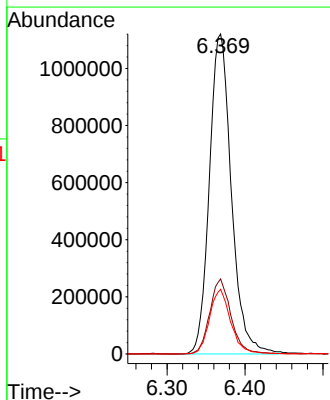
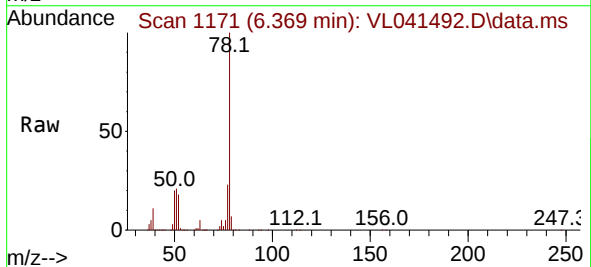
Manual Integrations
APPROVED

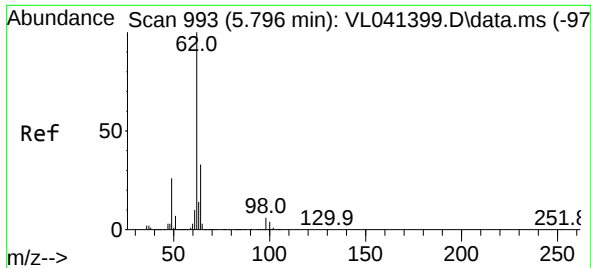
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#36
Benzene
Concen: 10.634 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 78 Resp: 2193743
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1
50 20.2 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.651 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1229718

Ion Ratio Lower Upper

62 100

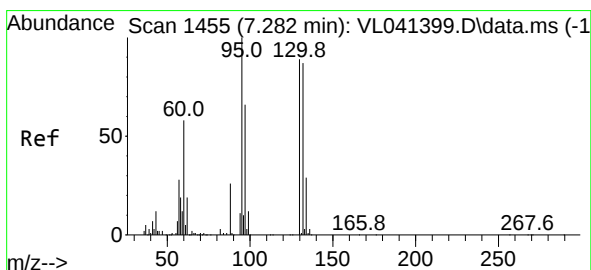
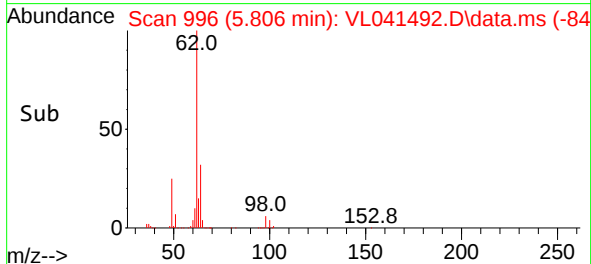
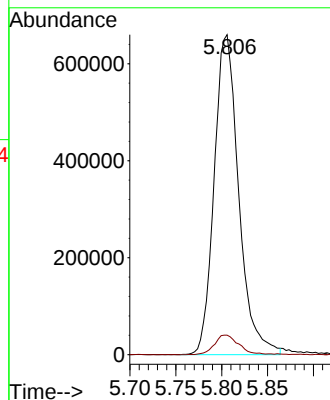
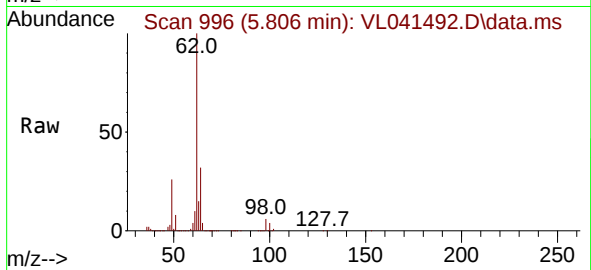
98 6.3 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#38

Trichloroethene

Concen: 10.496 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Tgt Ion:130 Resp: 991953

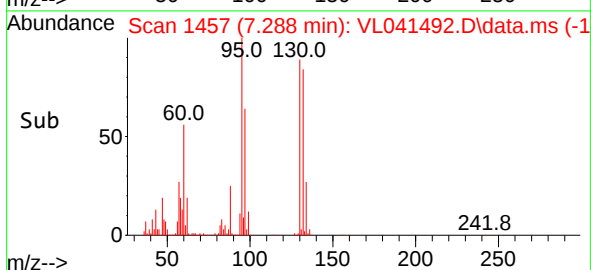
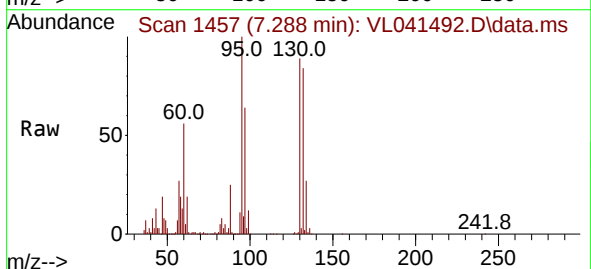
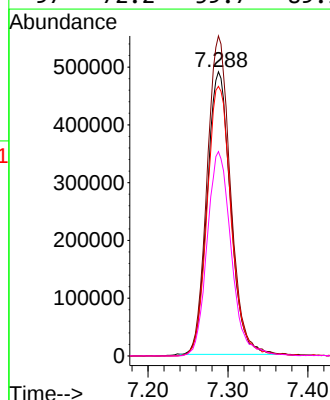
Ion Ratio Lower Upper

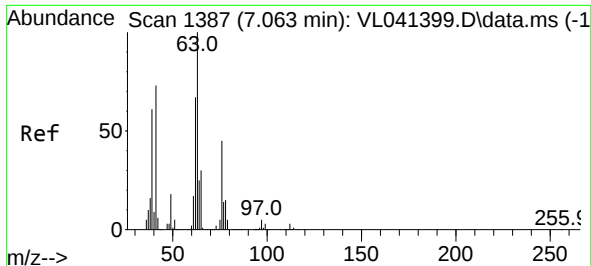
130 100

95 113.1 90.2 135.2

132 95.3 78.1 117.1

97 72.2 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.712 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

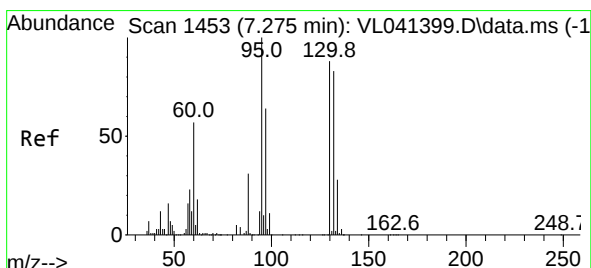
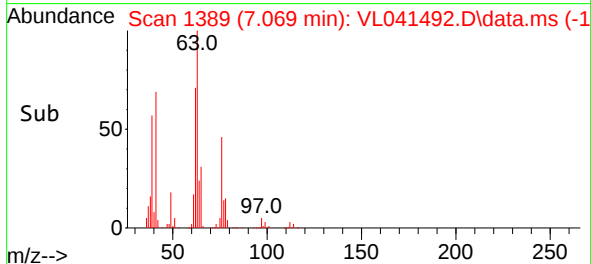
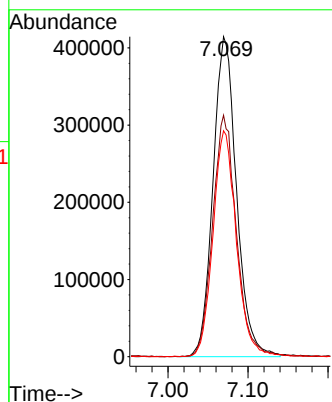
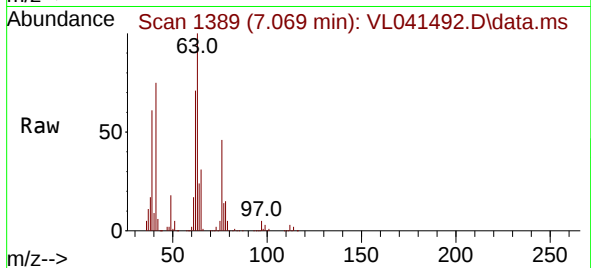
VSTDCCC010

Tgt Ion: 63	Resp: 84599
Ion Ratio	Lower Upper
63	100
41	75.4 58.3 87.5
62	70.6 53.9 80.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 10.177 ppbv

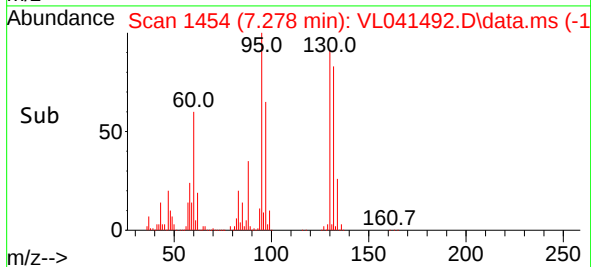
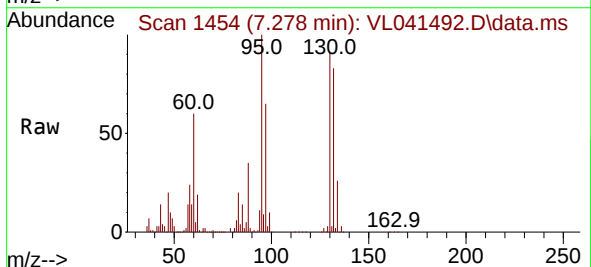
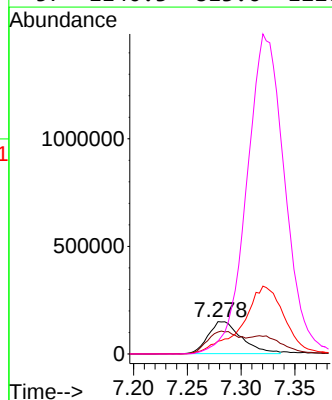
RT: 7.278 min Scan# 1454

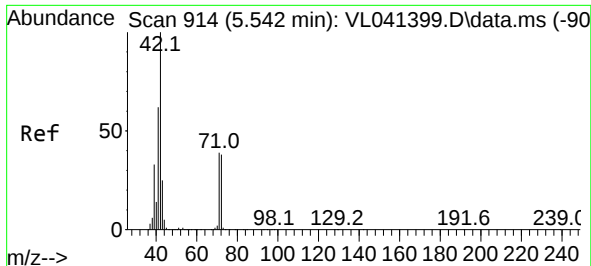
Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

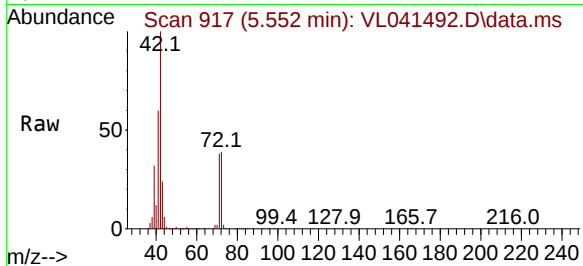
Tgt Ion: 88	Resp: 322874
Ion Ratio	Lower Upper
88	100
58	128.6 95.8 143.6
43	267.3 188.2 282.2
57	1140.3 813.6 1220.4





#41
Tetrahydrofuran
Concen: 11.163 ppbv
RT: 5.552 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

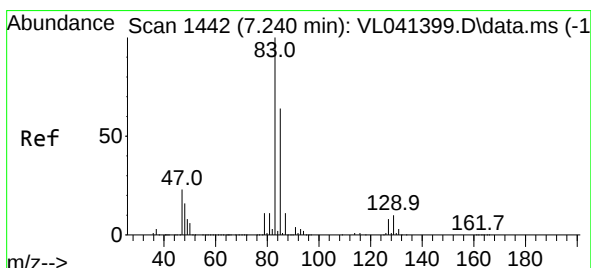
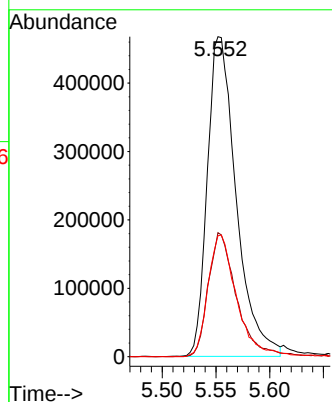
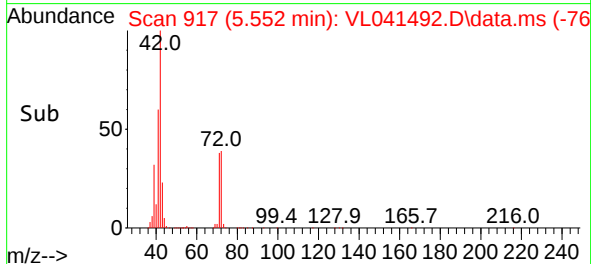
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 87195
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 38.3 30.5 45.7

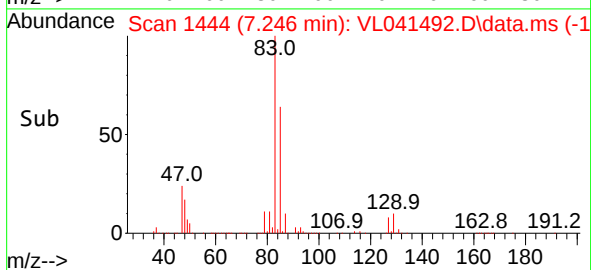
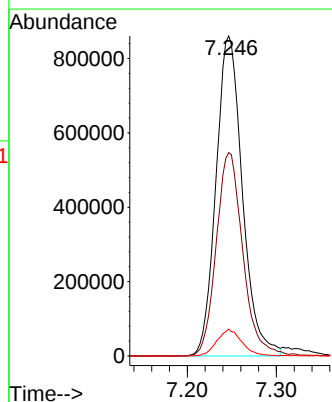
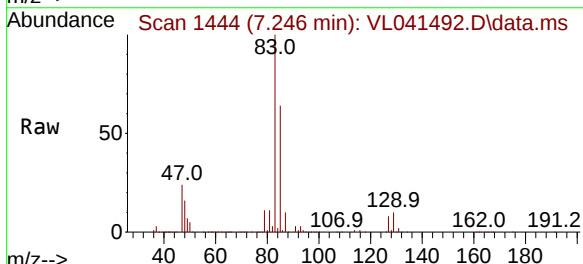
Manual Integrations
APPROVED

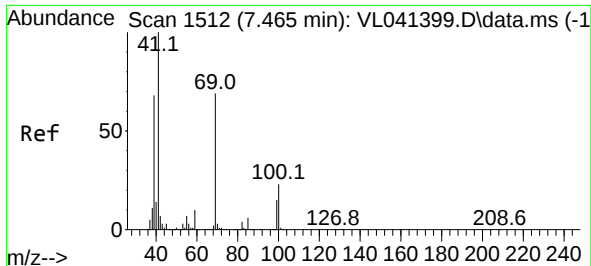
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
Bromodichloromethane
Concen: 10.644 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

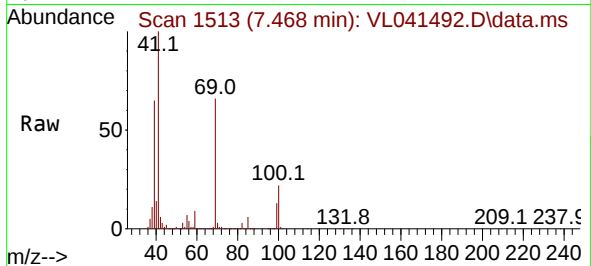
Tgt Ion: 83 Resp: 1774615
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0
127 8.4 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.710 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

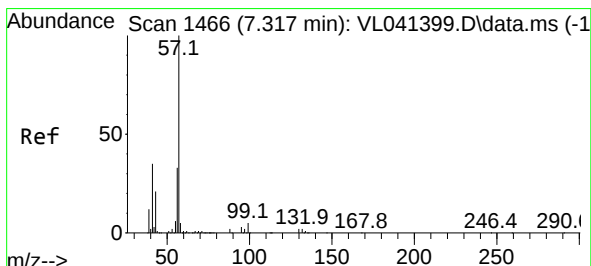
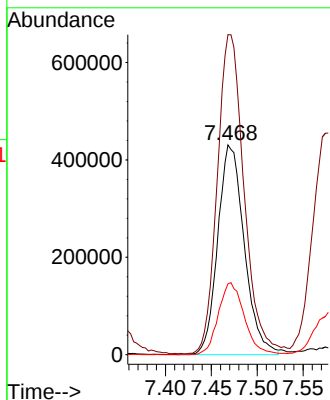
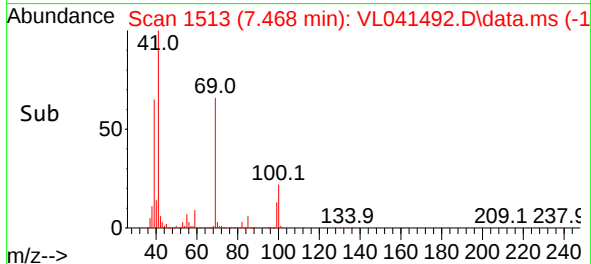
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



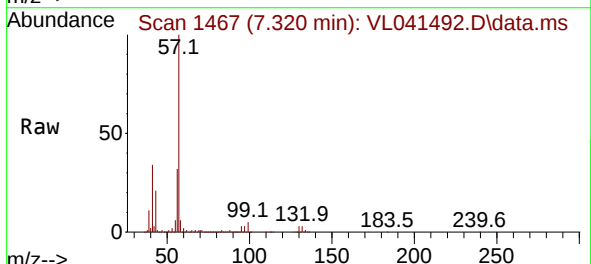
Tgt Ion: 69 Resp: 86625
Ion Ratio Lower Upper
69 100
41 154.8 118.7 178.1
100 33.7 27.0 40.4

Manual Integrations
APPROVED

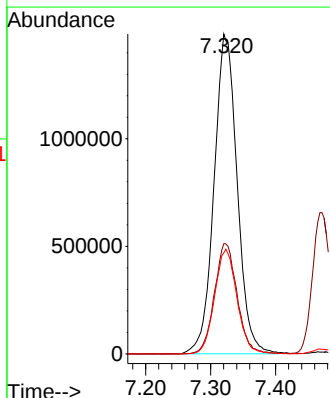
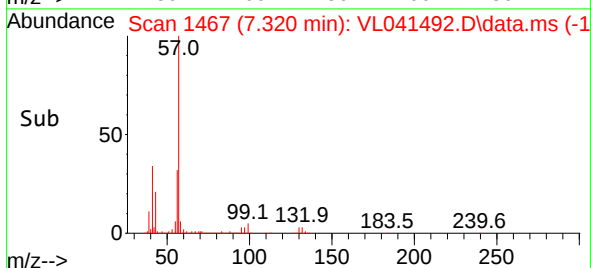
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

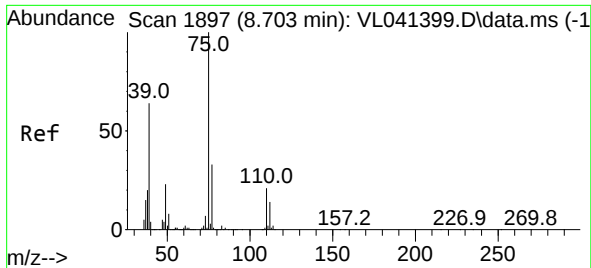


#44
2,2,4-Trimethylpentane
Concen: 10.646 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



Tgt Ion: 57 Resp: 3668281
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 31.8 25.2 37.8





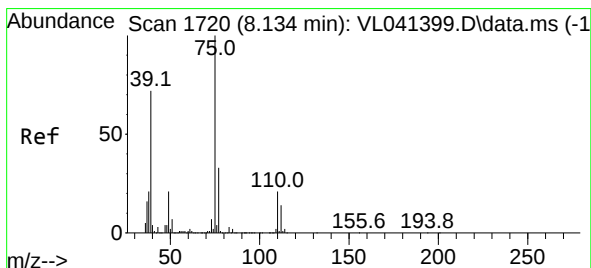
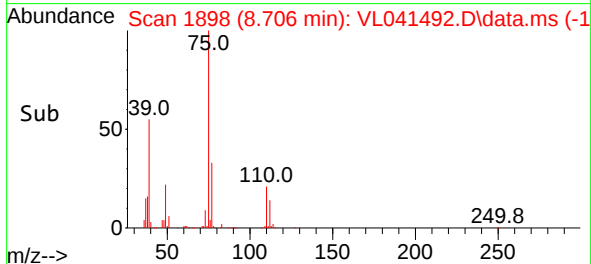
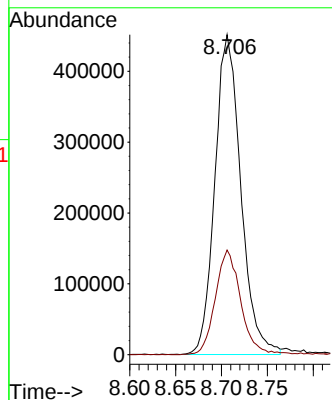
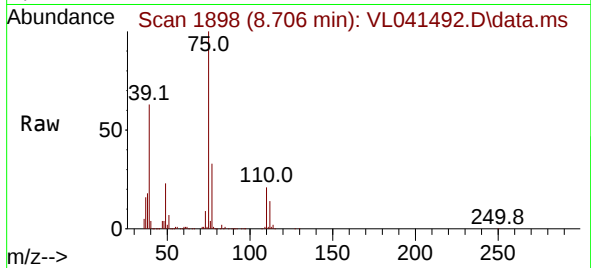
#45
t-1,3-Dichloropropene
Concen: 13.055 ppbv
RT: 8.706 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 888900
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7

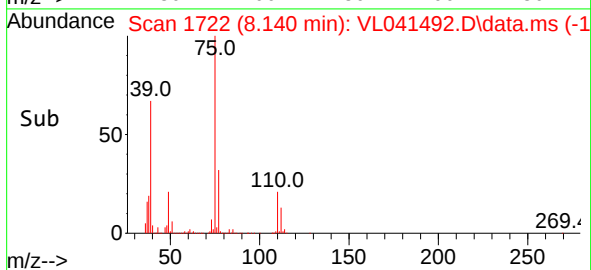
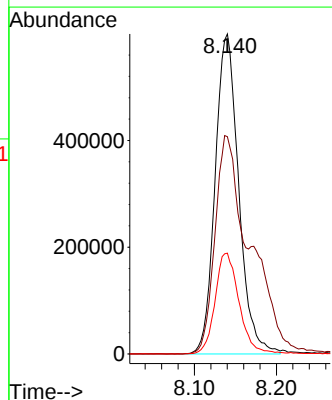
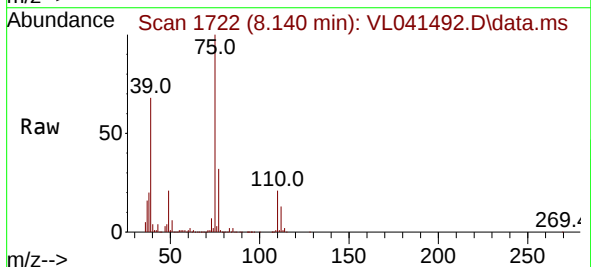
Manual Integrations
APPROVED

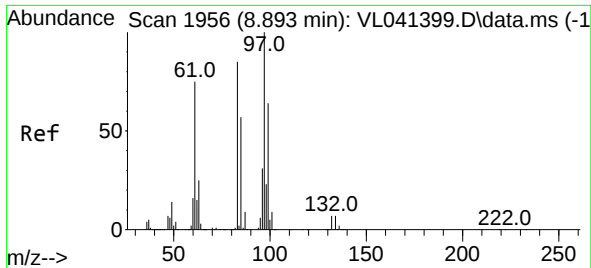
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#46
cis-1,3-Dichloropropene
Concen: 12.182 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

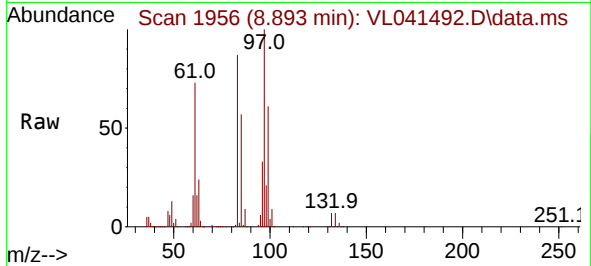
Tgt Ion: 75 Resp: 1197773
Ion Ratio Lower Upper
75 100
39 67.8 57.3 85.9
77 31.5 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 10.483 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

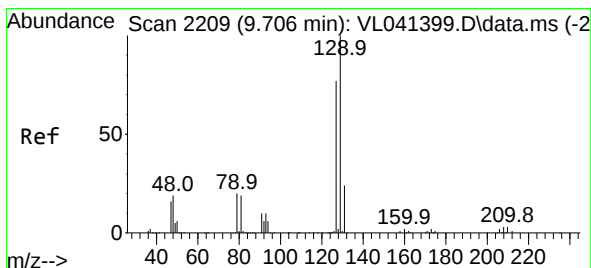
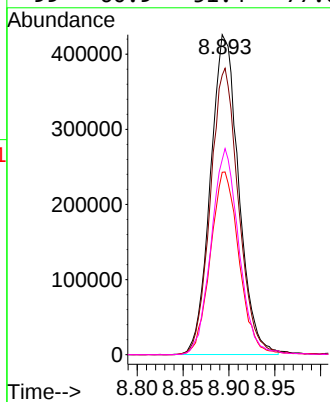
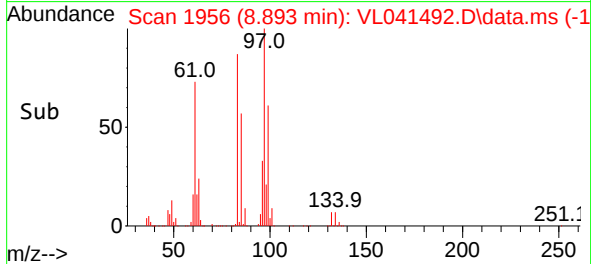
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 912598
Ion Ratio Lower Upper
97 100
83 87.2 67.6 101.4
85 57.0 45.9 68.9
99 60.9 51.4 77.0

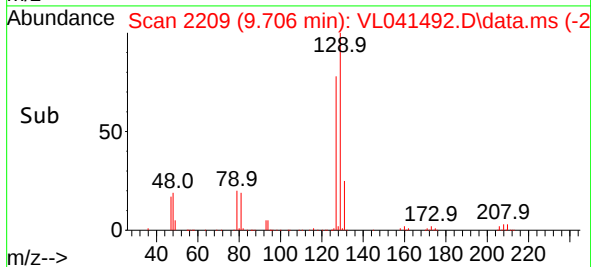
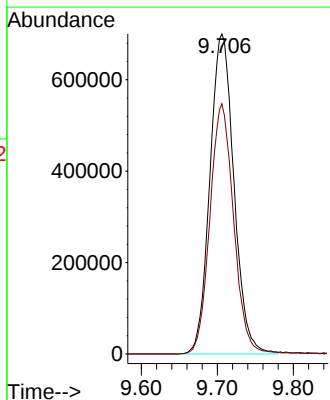
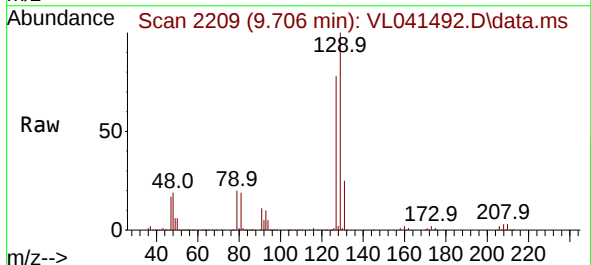
Manual Integrations
APPROVED

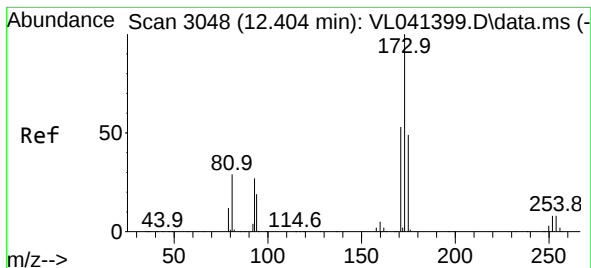
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#48
Dibromochloromethane
Concen: 10.953 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion:129 Resp: 1536211
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#49

Bromoform

Concen: 11.504 ppbv

RT: 12.400 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 136285

Ion Ratio Lower Upper

173 100

175 48.8 39.9 59.9

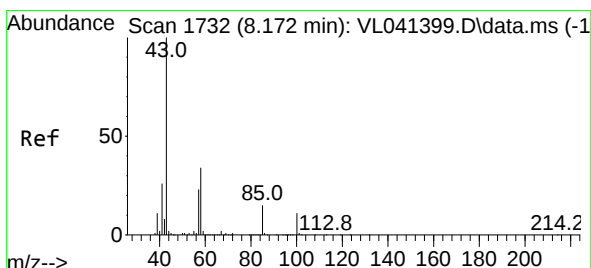
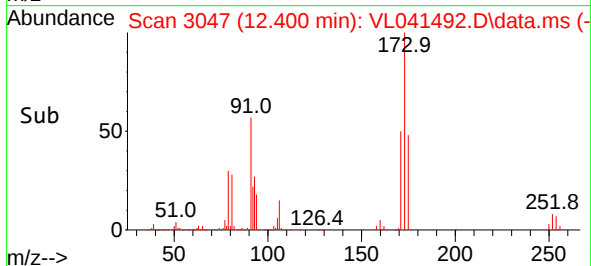
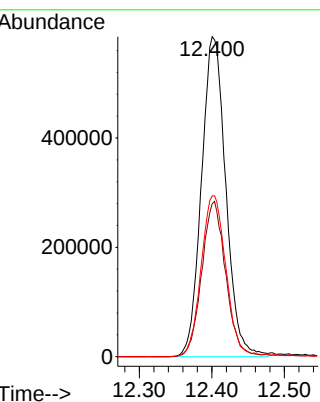
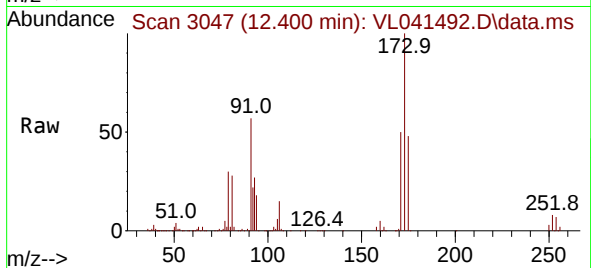
171 51.7 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#50

4-Methyl-2-Pentanone

Concen: 11.330 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VL041492.D

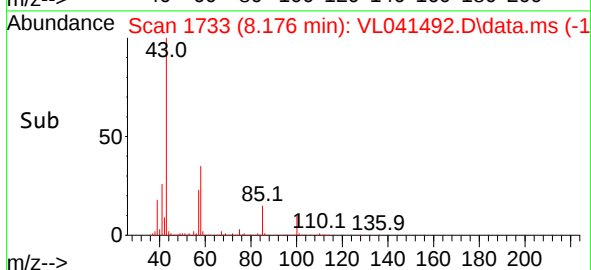
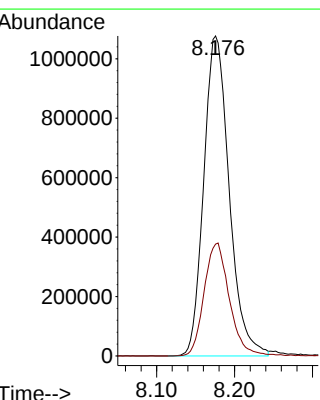
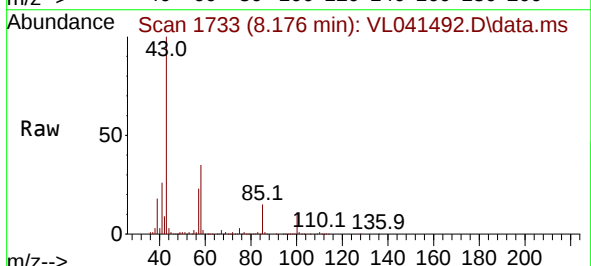
Acq: 5 Aug 2024 8:15

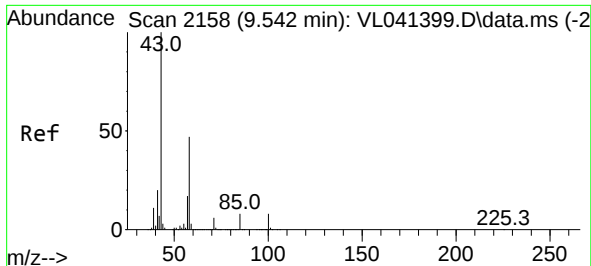
Tgt Ion: 43 Resp: 2441373

Ion Ratio Lower Upper

43 100

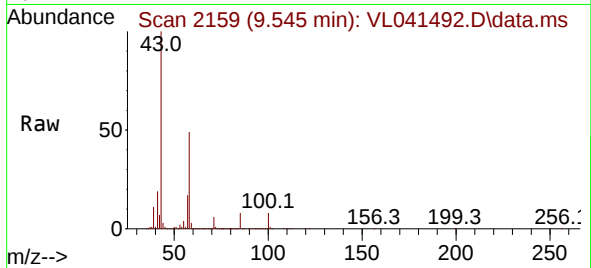
58 35.2 27.9 41.9





#51
2-Hexanone
Concen: 12.295 ppbv
RT: 9.545 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

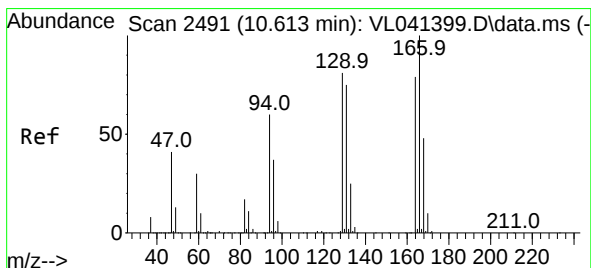
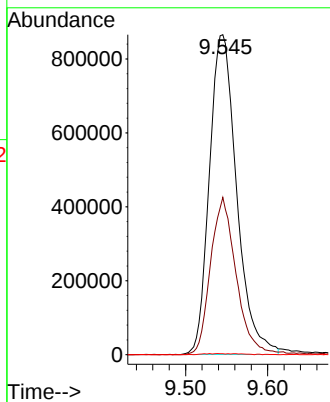
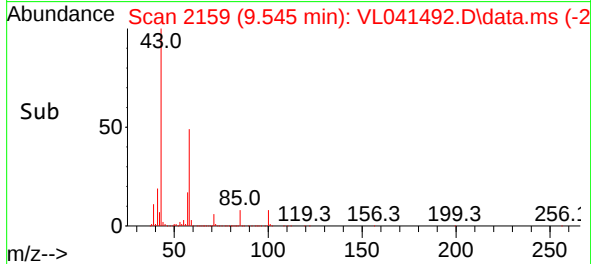
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 200319
Ion Ratio Lower Upper
43 100
58 46.6 38.2 57.2
98 0.5 0.3 0.5

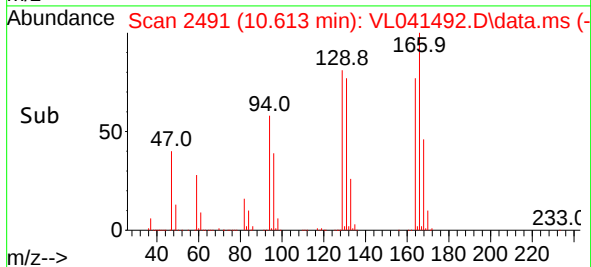
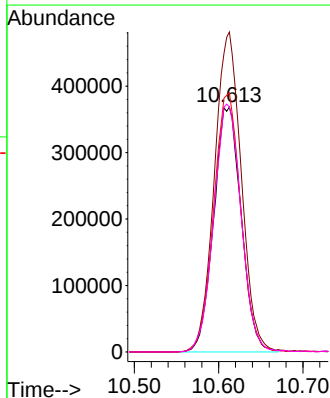
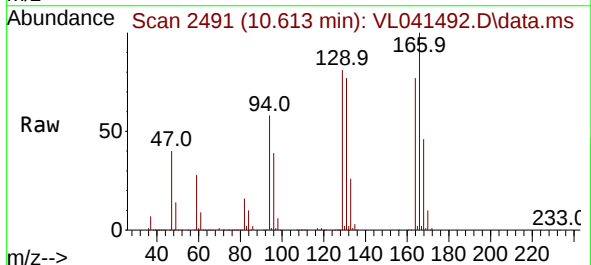
Manual Integrations
APPROVED

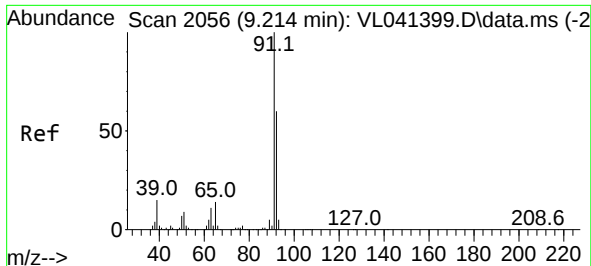
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#52
Tetrachloroethene
Concen: 10.452 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

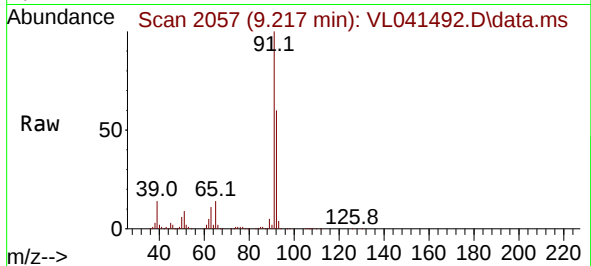
Tgt Ion:164 Resp: 833142
Ion Ratio Lower Upper
164 100
166 130.6 101.1 151.7
129 105.7 81.7 122.5
131 100.0 76.2 114.4





#53
Toluene
Concen: 11.246 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

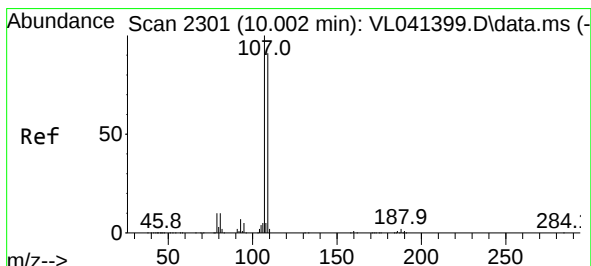
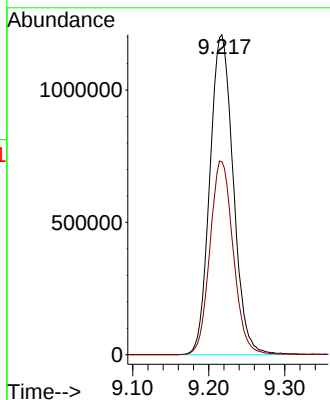
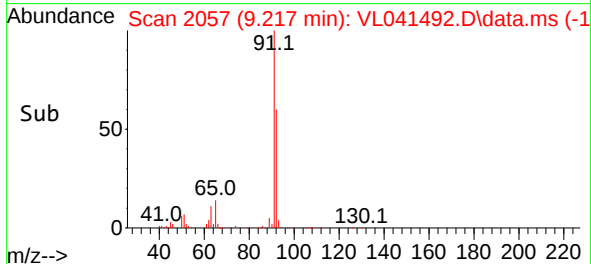
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



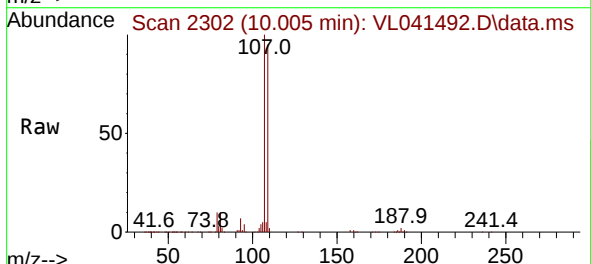
Tgt Ion: 91 Resp: 258406
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1

Manual Integrations
APPROVED

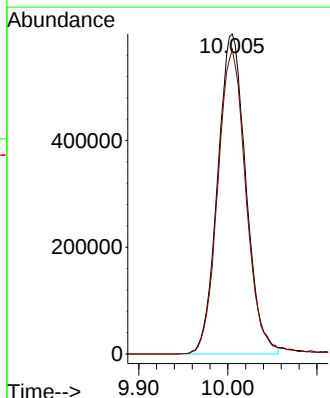
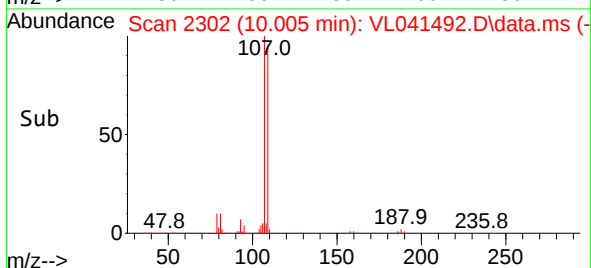
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

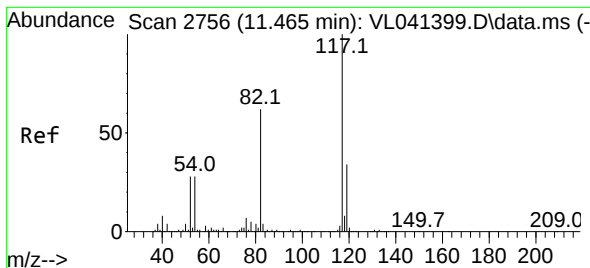


#54
1,2-Dibromoethane
Concen: 11.388 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



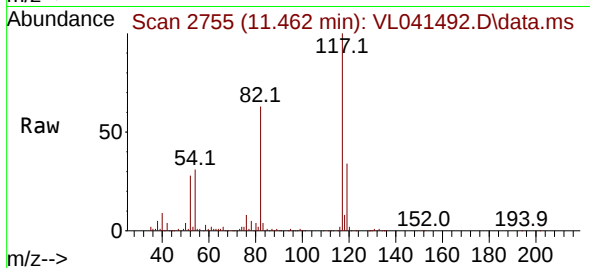
Tgt Ion:107 Resp: 1319578
Ion Ratio Lower Upper
107 100
109 95.1 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

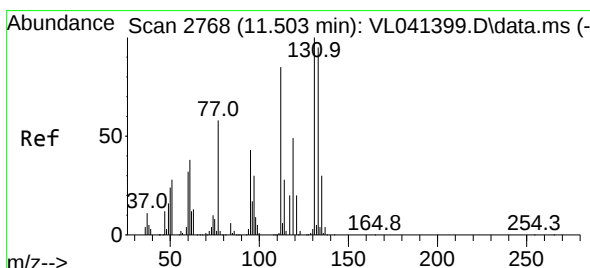
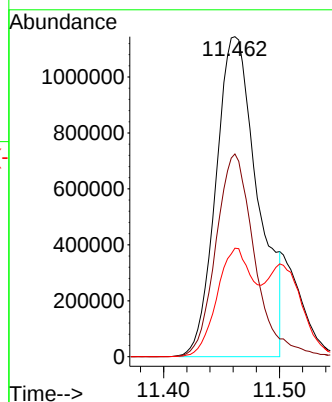
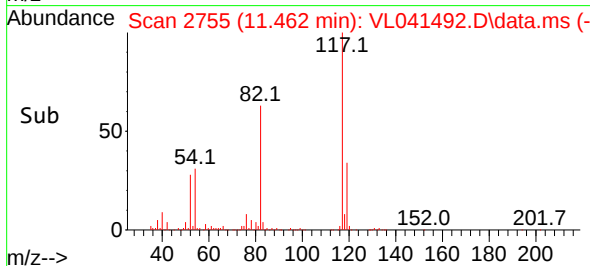
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 2874604
Ion Ratio Lower Upper
117 100
82 59.1 51.0 76.6
119 30.1 45.2 67.8

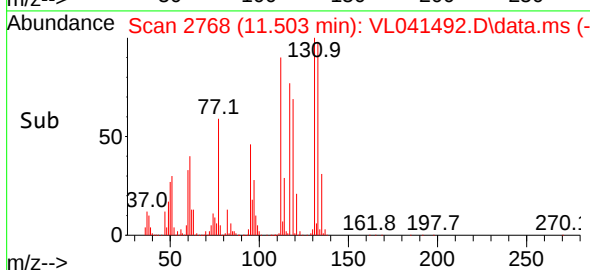
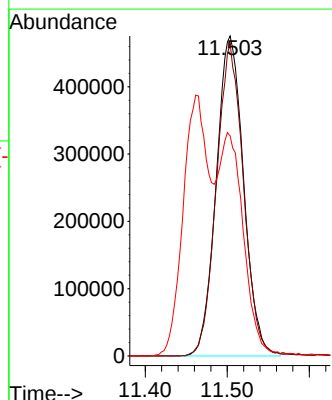
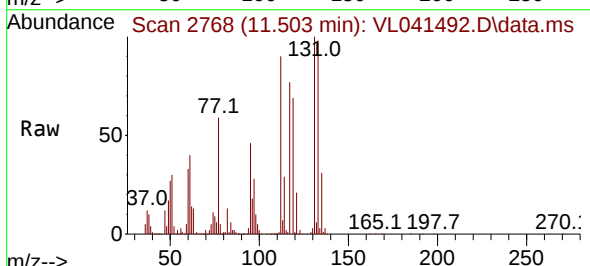
Manual Integrations
APPROVED

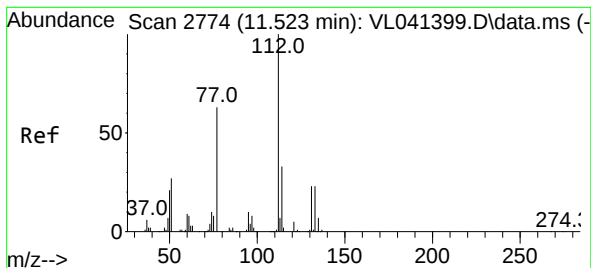
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.900 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

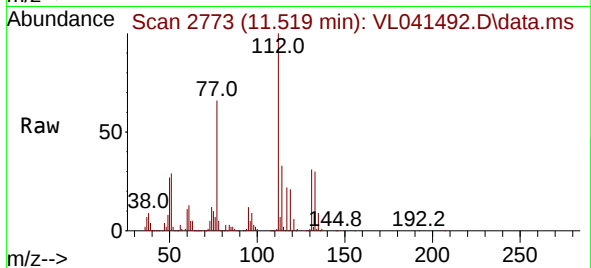
Tgt Ion:131 Resp: 1103662
Ion Ratio Lower Upper
131 100
133 96.4 77.0 115.4
119 60.1 121.5 182.3





#57
Chlorobenzene
Concen: 9.805 ppbv
RT: 11.519 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

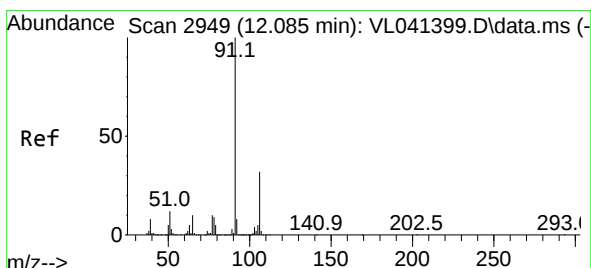
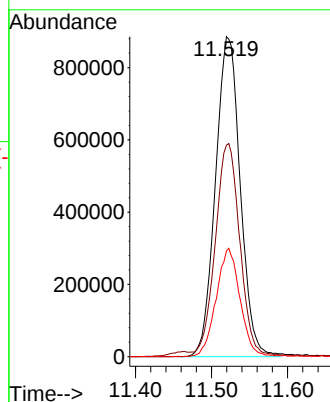
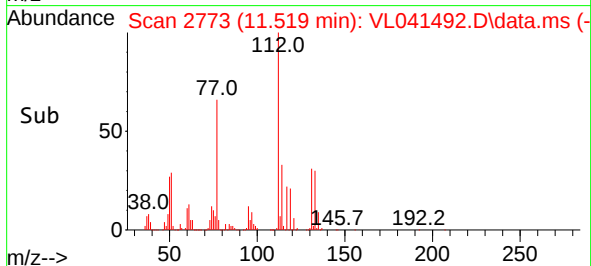
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



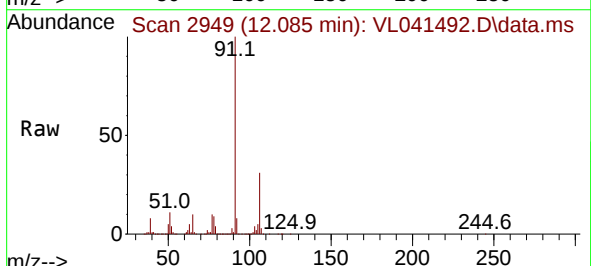
Tgt Ion:112 Resp: 2006819
Ion Ratio Lower Upper
112 100
77 65.5 51.1 76.7
114 33.0 29.5 36.1

Manual Integrations
APPROVED

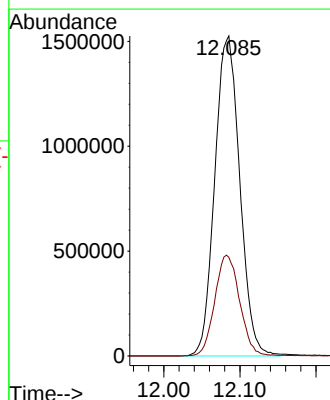
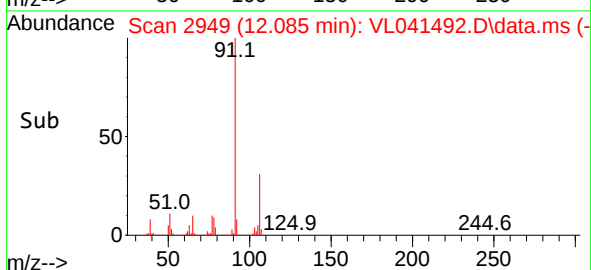
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

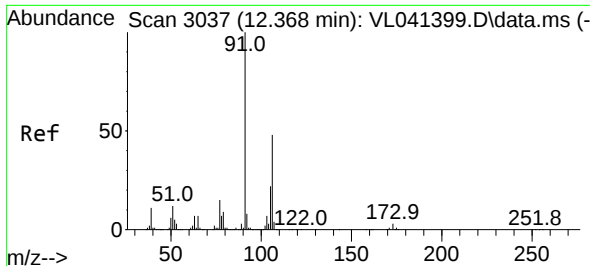


#58
Ethyl Benzene
Concen: 10.509 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



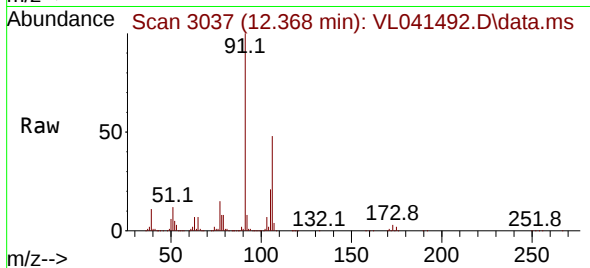
Tgt Ion: 91 Resp: 3481919
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8





#59
m/p-Xylene
Concen: 20.554 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

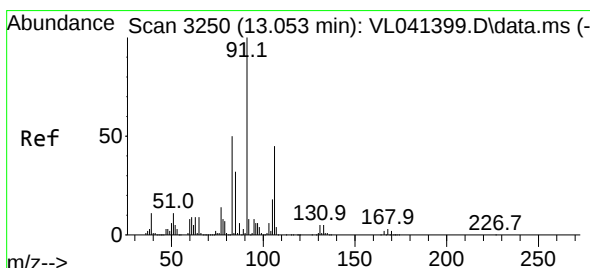
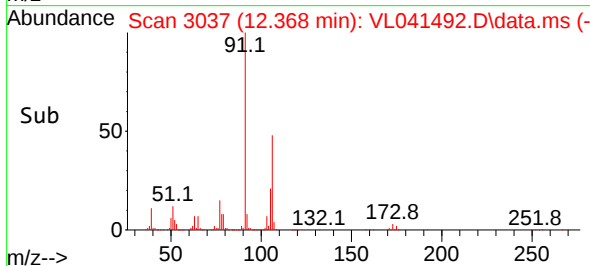
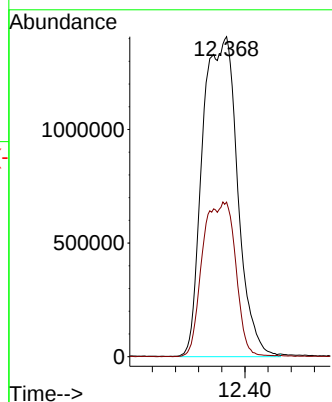
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 5878850
Ion Ratio Lower Upper
91 100
106 45.8 36.3 54.5

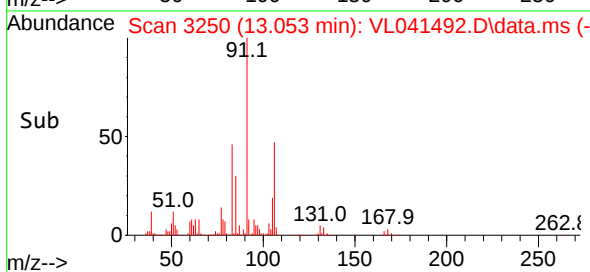
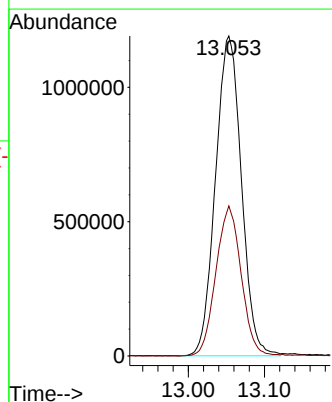
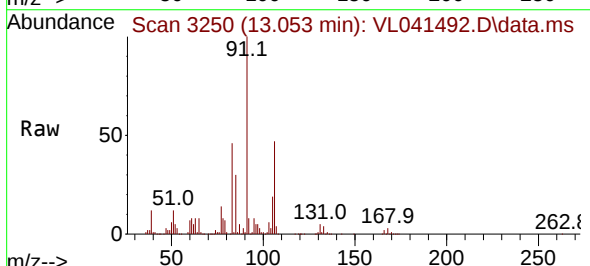
Manual Integrations
APPROVED

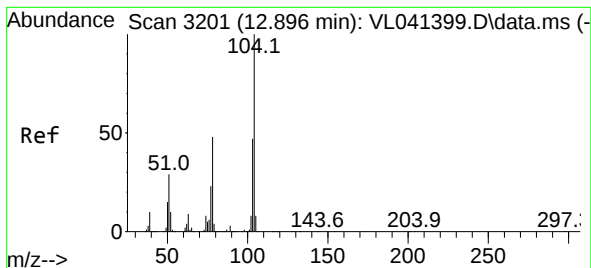
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
o-Xylene
Concen: 10.411 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion: 91 Resp: 2816993
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 11.452 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041492.D

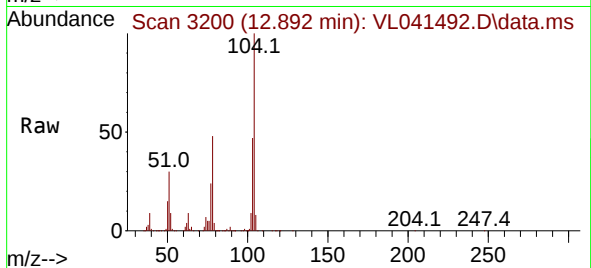
Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 1397860

Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

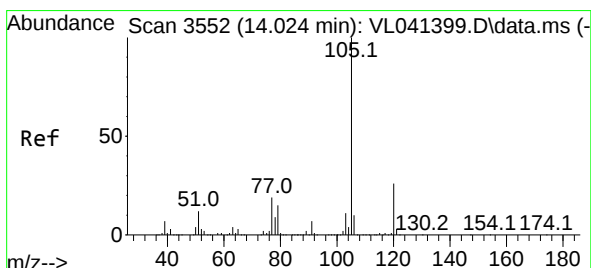
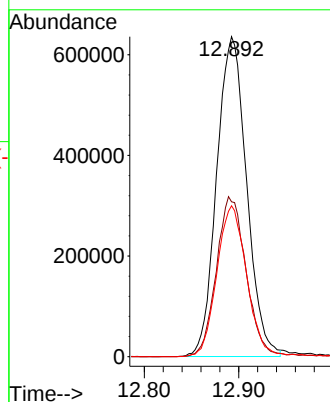
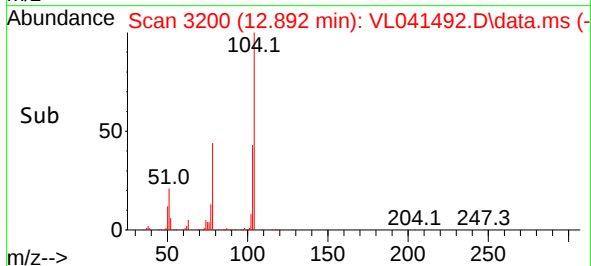
103 47.4 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#62

Isopropylbenzene

Concen: 10.024 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. 0.000 min

Lab File: VL041492.D

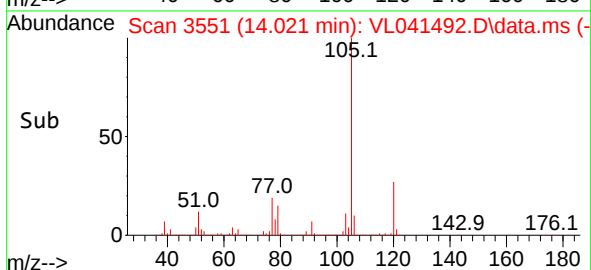
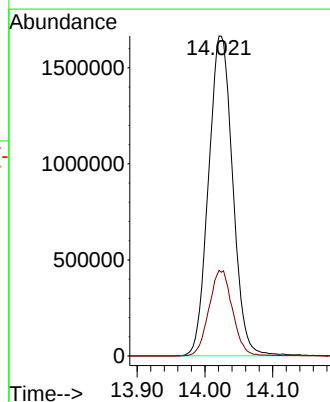
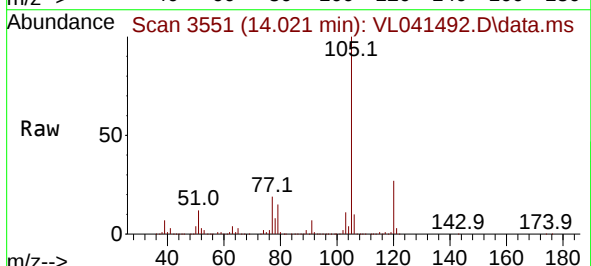
Acq: 5 Aug 2024 8:15

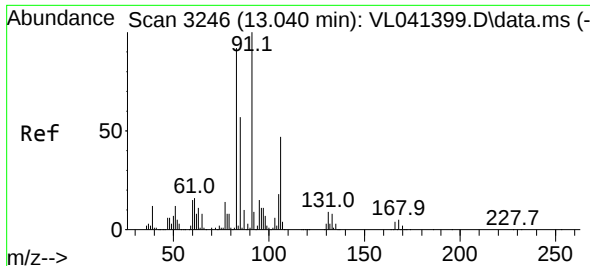
Tgt Ion:105 Resp: 4123045

Ion Ratio Lower Upper

105 100

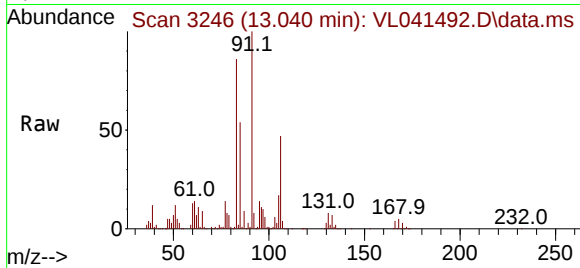
120 26.2 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.151 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

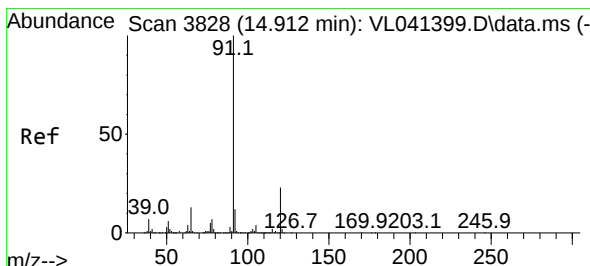
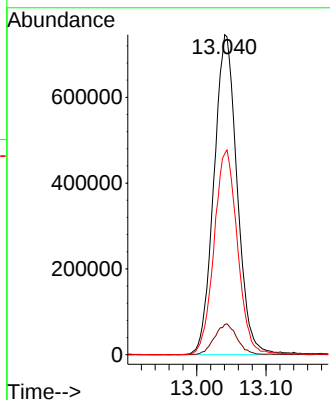
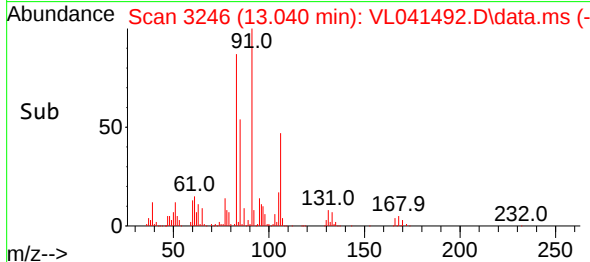
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



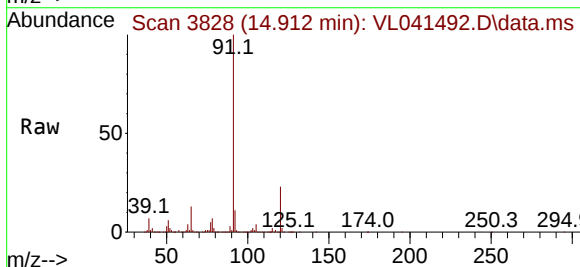
Tgt Ion: 83 Resp: 173435
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.0 32.6 98.0

Manual Integrations
APPROVED

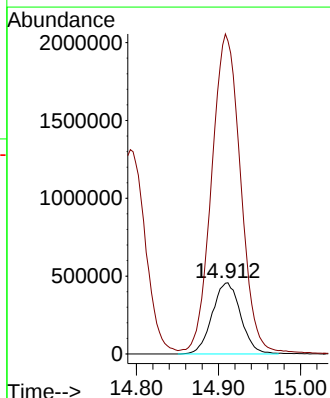
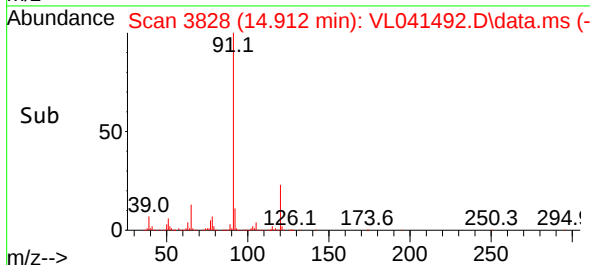
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

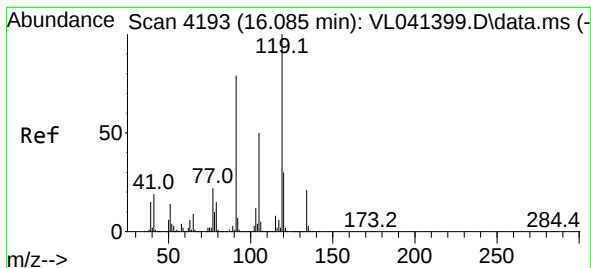


#64
n-propylbenzene
Concen: 10.258 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



Tgt Ion:120 Resp: 1103072
Ion Ratio Lower Upper
120 100
91 460.8 361.4 542.0





#65

tert-Butylbenzene

Concen: 9.971 ppbv

RT: 16.082 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3704329

Ion Ratio Lower Upper

119 100

91 80.5 64.2 96.2

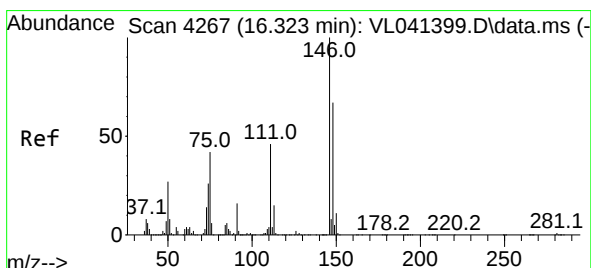
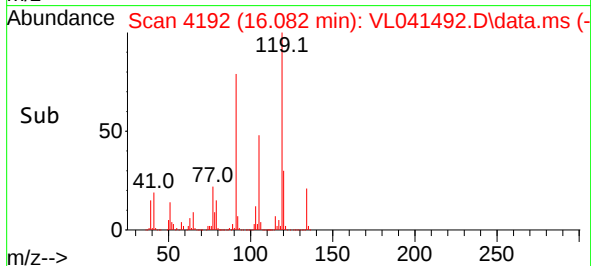
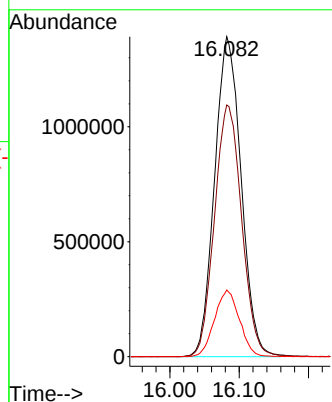
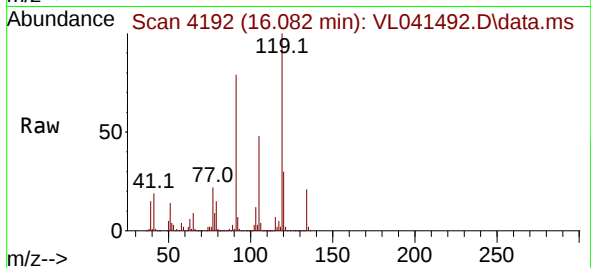
134 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#66

Benzyl Chloride

Concen: 12.123 ppbv

RT: 16.320 min Scan# 4266

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

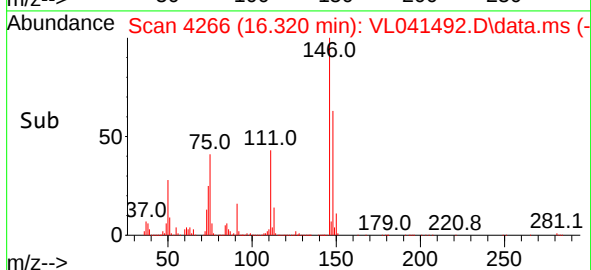
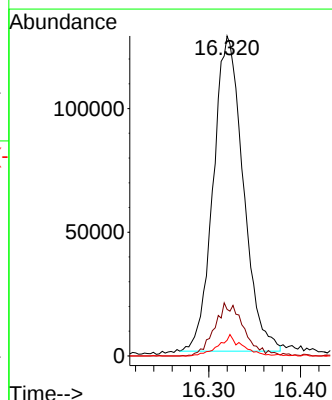
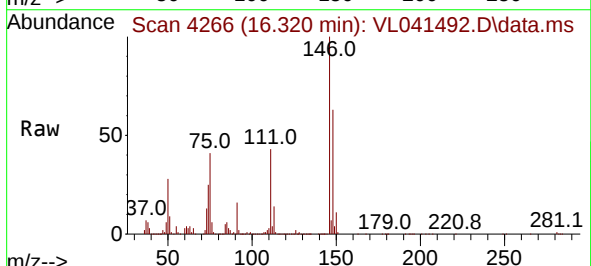
Tgt Ion: 91 Resp: 288869

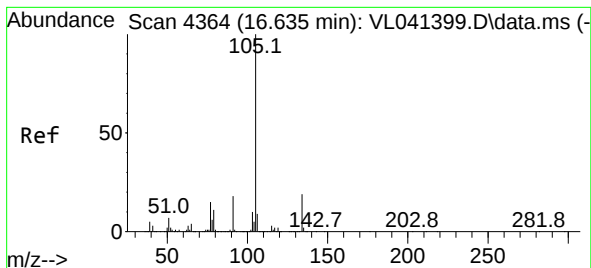
Ion Ratio Lower Upper

91 100

126 16.9 13.8 20.8

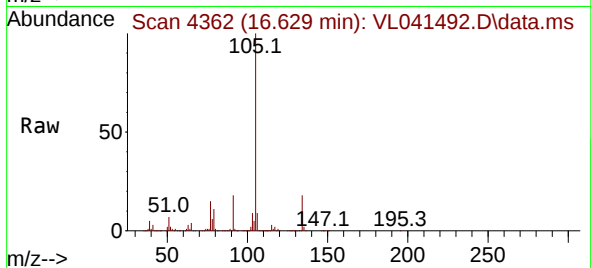
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.129 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

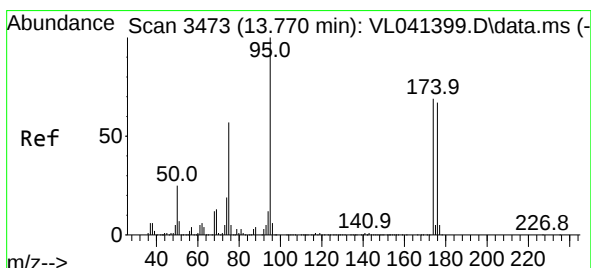
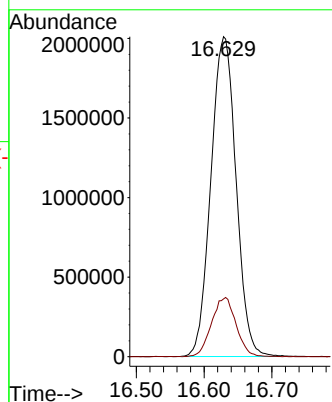
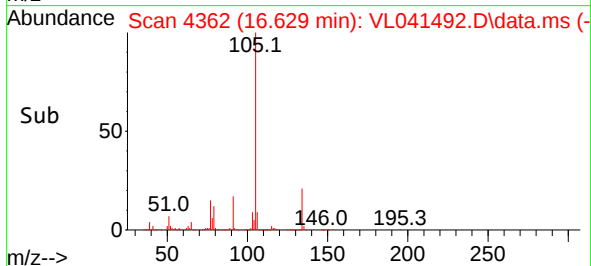
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



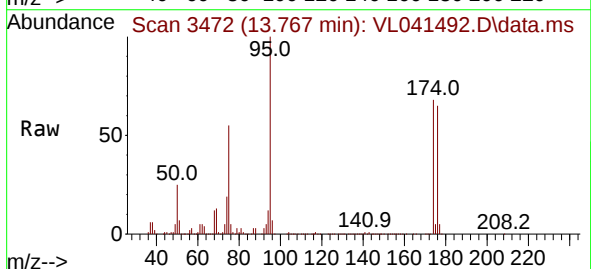
Tgt Ion:105 Resp: 518461
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7

Manual Integrations
 APPROVED

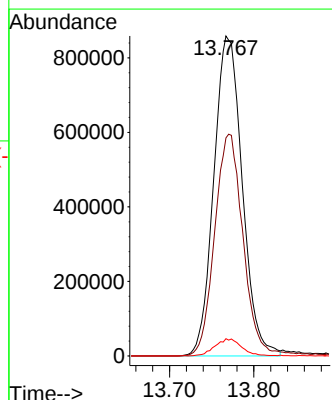
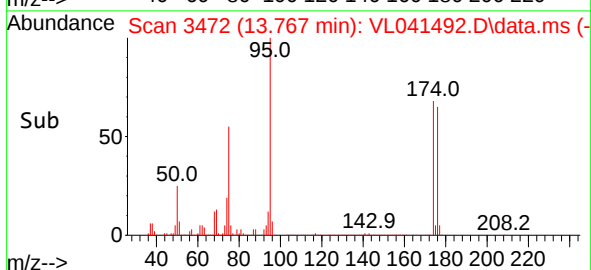
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

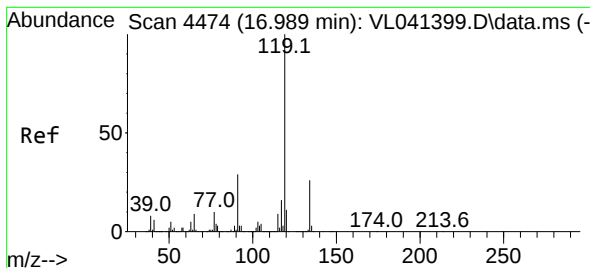


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.109 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15



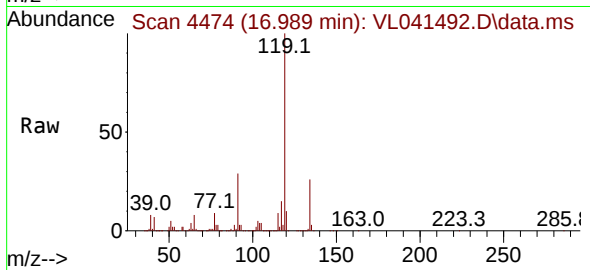
Tgt Ion: 95 Resp: 2015007
 Ion Ratio Lower Upper
 95 100
 174 69.9 56.3 84.5
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.259 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

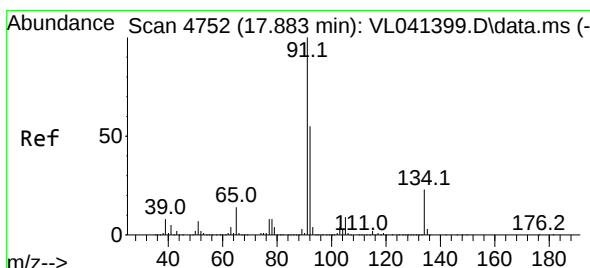
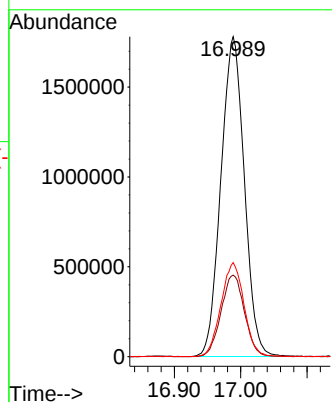
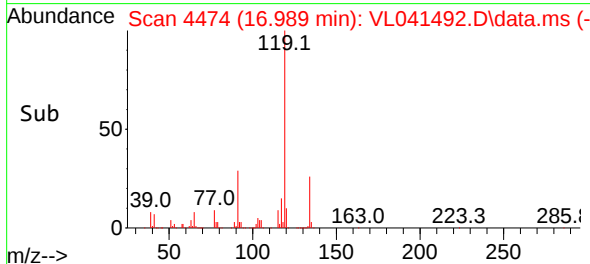
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



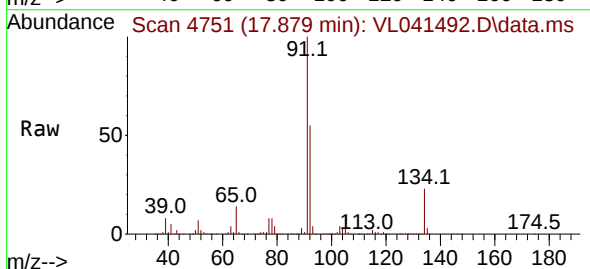
Tgt Ion:119 Resp: 4357790
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.0 23.2 34.8

Manual Integrations
APPROVED

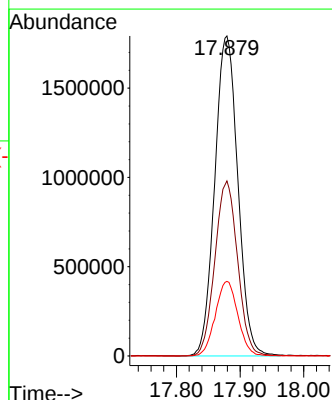
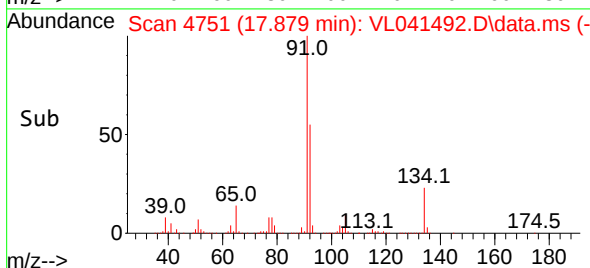
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

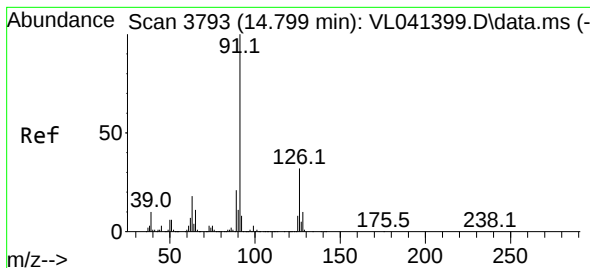


#70
n-Butylbenzene
Concen: 10.379 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15



Tgt Ion: 91 Resp: 4519257
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 22.8 18.5 27.7





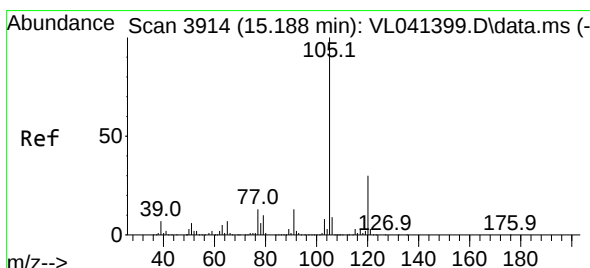
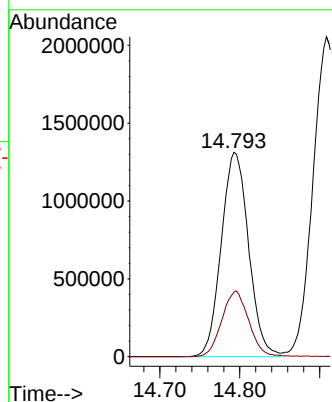
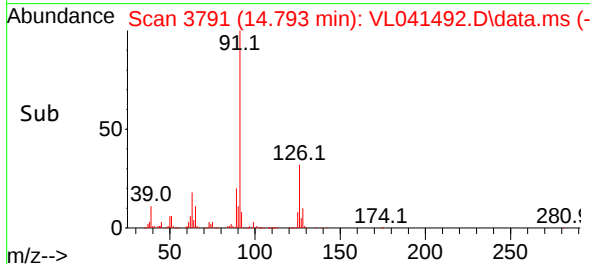
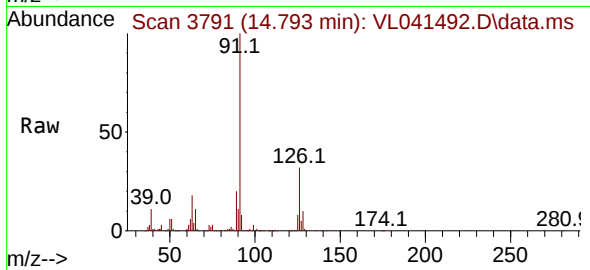
#71
2-Chlorotoluene
Concen: 10.268 ppbv
RT: 14.793 min Scan# 3114664
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3114664
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9

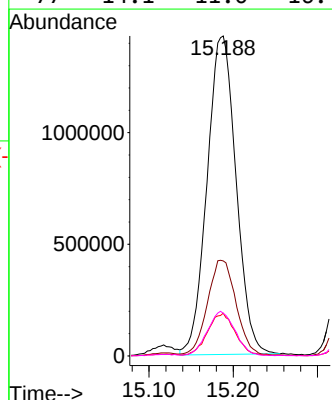
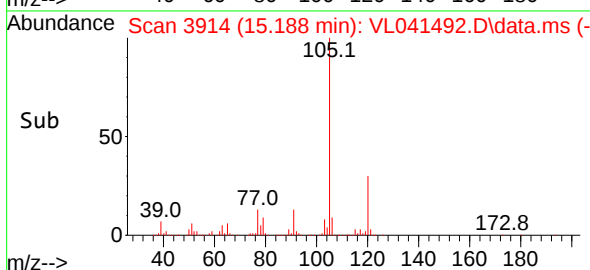
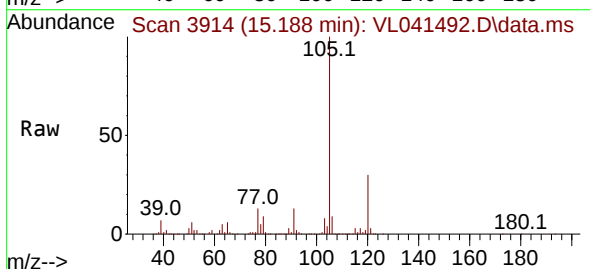
Manual Integrations
APPROVED

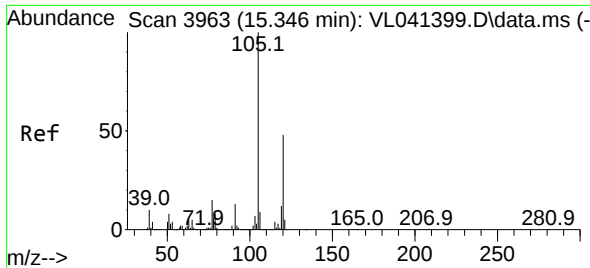
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#72
4-Ethyltoluene
Concen: 10.711 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

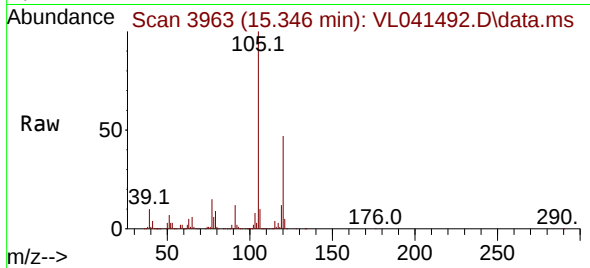
Tgt Ion:105 Resp: 3411948
Ion Ratio Lower Upper
105 100
120 31.0 24.2 36.2
91 13.4 10.4 15.6
77 14.1 11.0 16.4





#73
 1,3,5-Trimethylbenzene
 Concen: 10.629 ppbv
 RT: 15.346 min Scan# 3963
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

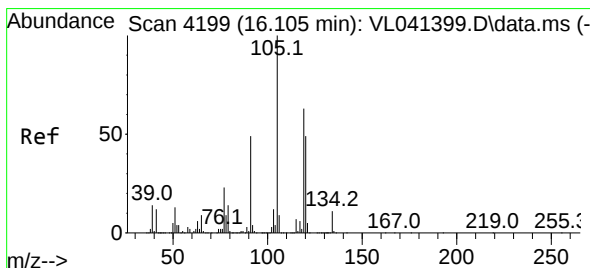
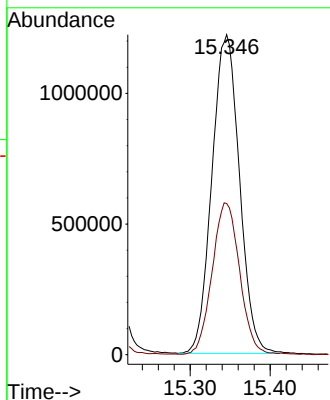
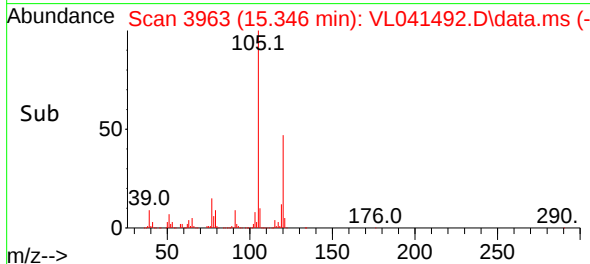
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



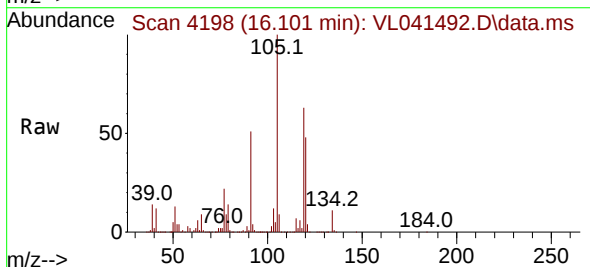
Tgt Ion:105 Resp: 2916730
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.6 57.8

Manual Integrations
 APPROVED

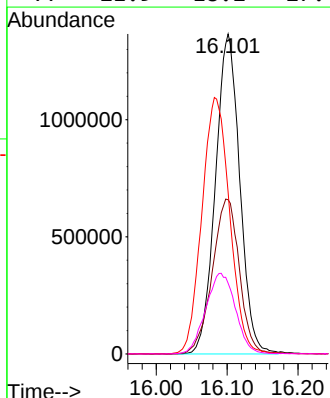
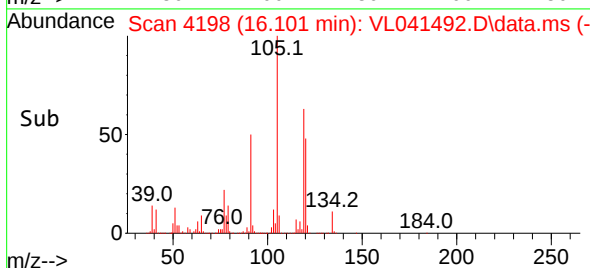
Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

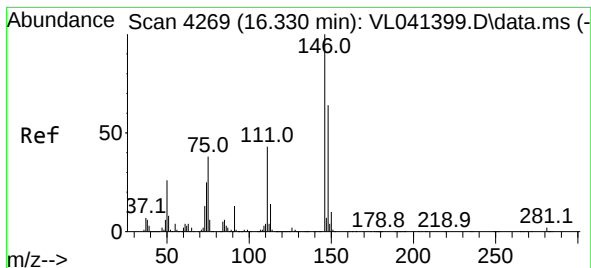


#74
 1,2,4-Trimethylbenzene
 Concen: 10.204 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15



Tgt Ion:105 Resp: 3255434
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.5 59.3
 91 50.3 39.8 59.8
 77 21.9 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.084 ppbv

RT: 16.323 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 202226

Ion Ratio Lower Upper

146 100

111 45.0 22.6 67.8

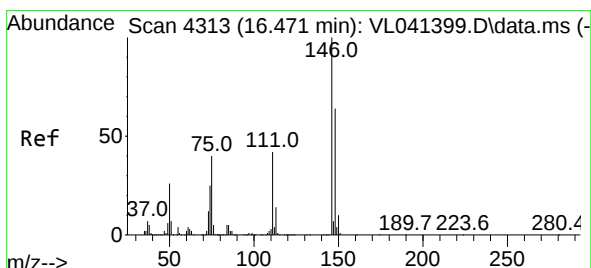
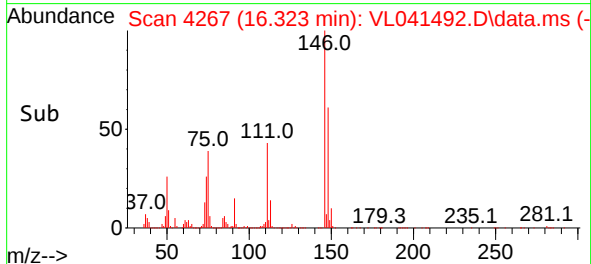
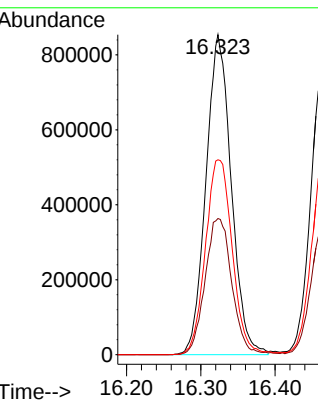
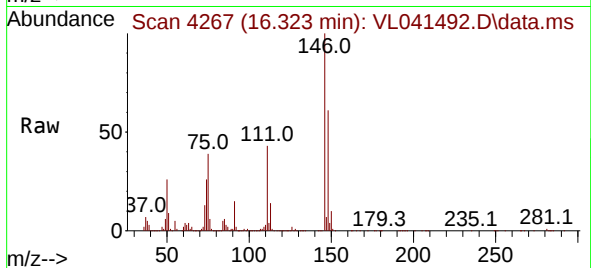
148 64.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.266 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

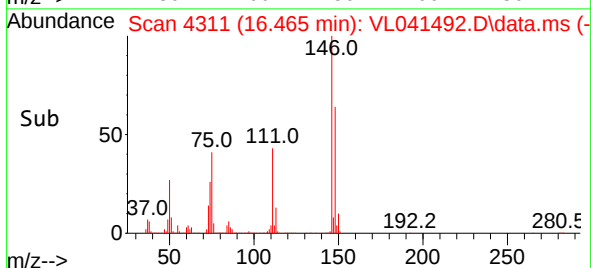
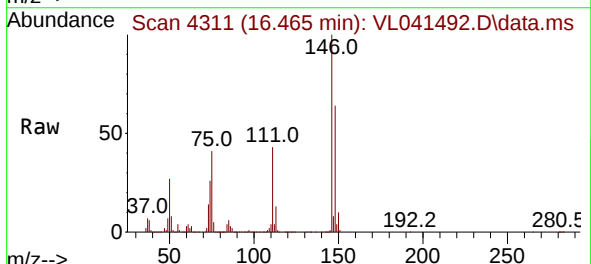
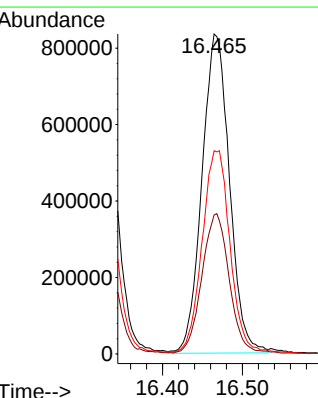
Tgt Ion:146 Resp: 1993472

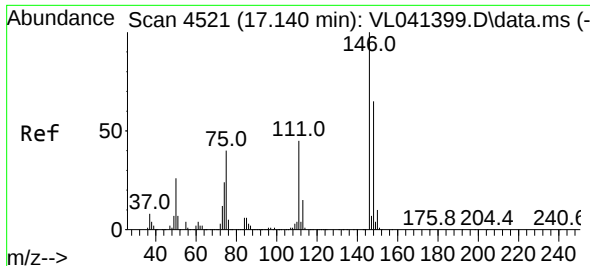
Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.0

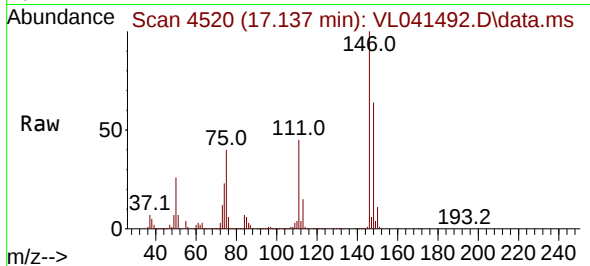
148 65.4 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.920 ppbv
RT: 17.137 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

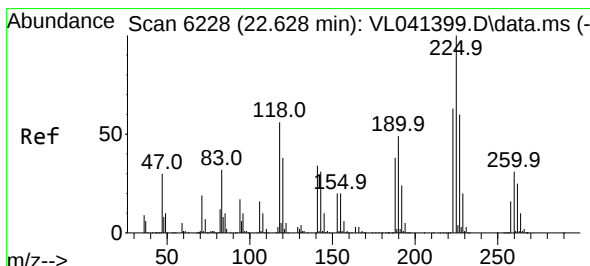
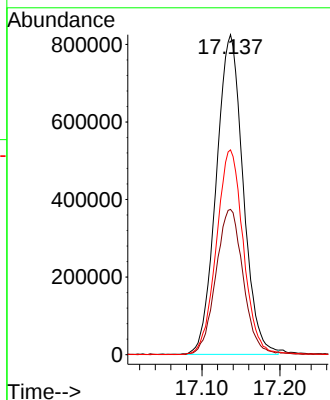
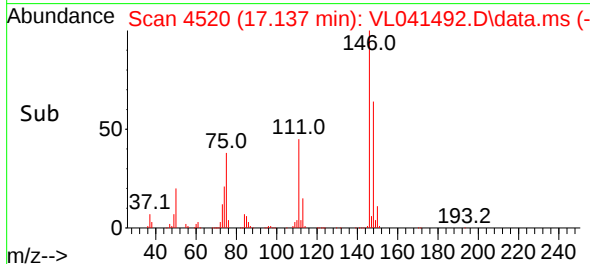
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1972219
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.0
148 64.5 32.2 96.6

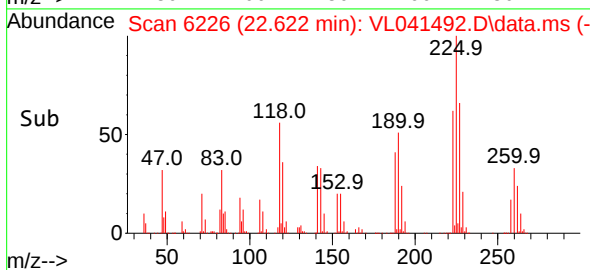
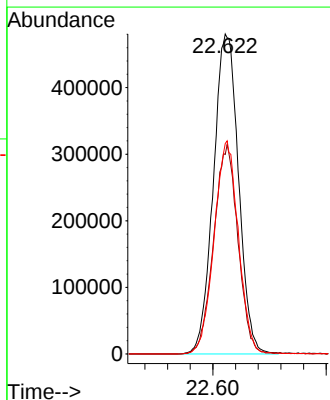
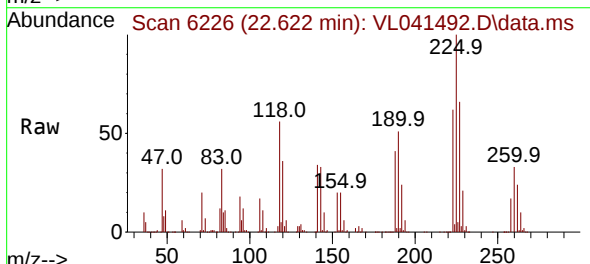
Manual Integrations
APPROVED

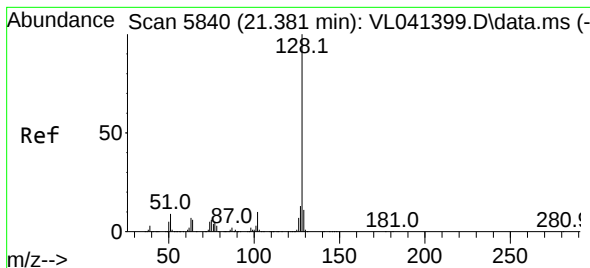
Reviewed By :Semsettin Yesilyurt 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.719 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL041492.D
Acq: 5 Aug 2024 8:15

Tgt Ion:225 Resp: 1478216
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.3 50.8 76.2





#79

Naphthalene

Concen: 11.880 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 334546

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

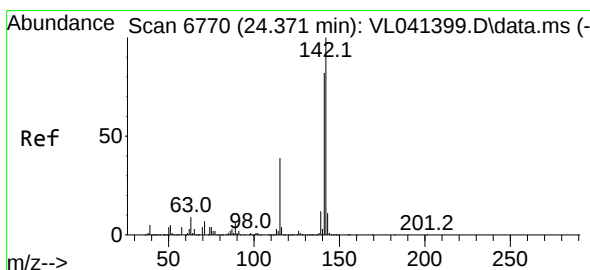
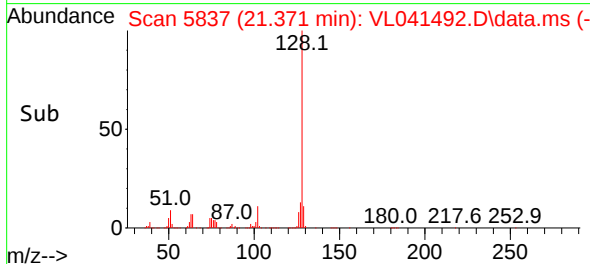
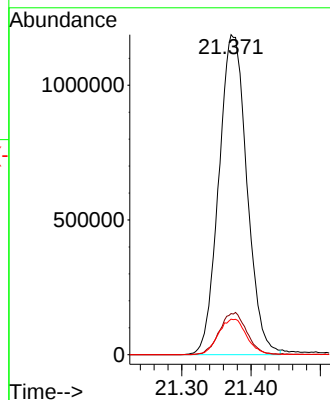
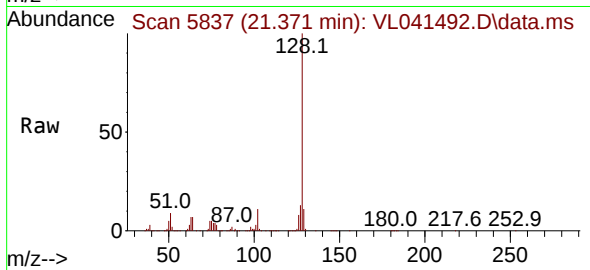
129 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#80

Naphthalene,2-methyl-

Concen: 12.589 ppbv

RT: 24.361 min Scan# 6767

Delta R.T. 0.000 min

Lab File: VL041492.D

Acq: 5 Aug 2024 8:15

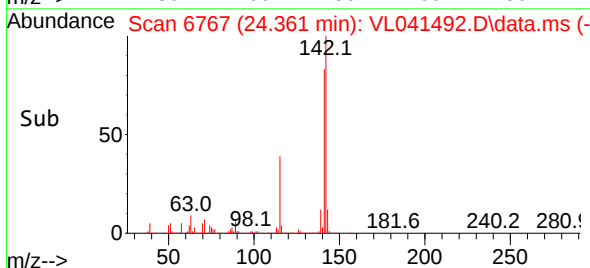
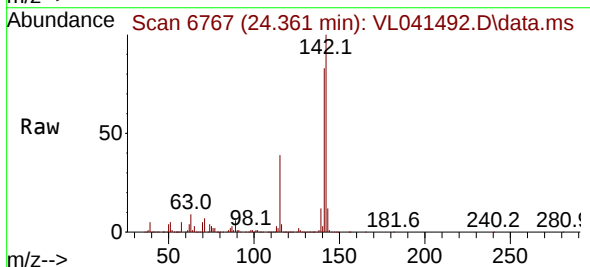
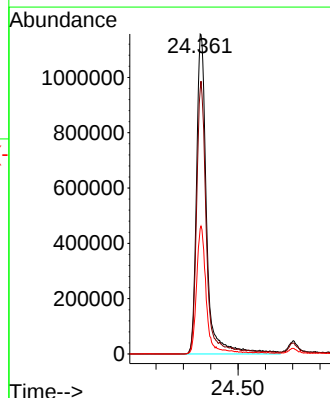
Tgt Ion:142 Resp: 2971534

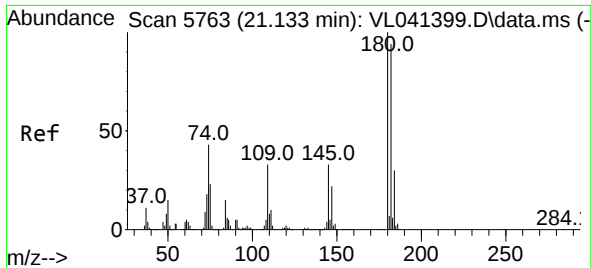
Ion Ratio Lower Upper

142 100

141 81.2 67.0 100.4

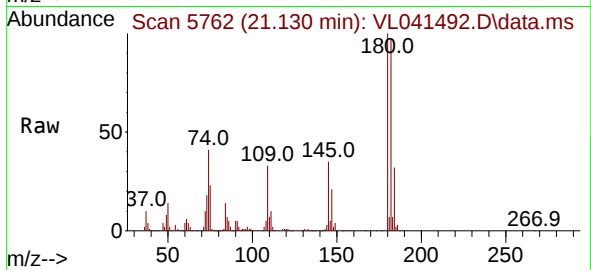
115 38.8 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.521 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041492.D
 Acq: 5 Aug 2024 8:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 176302

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
184	30.8	24.5	36.7

Manual Integrations
 APPROVED

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

