

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041152.D
 Acq On : 23 Apr 2024 8:58
 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 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 02:48:37 2024

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

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

QLast Update : Wed Apr 24 02:47:46 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1222428	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3206603	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3234452m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2508712 9.646 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.735	85	1971781	9.430 ppbv	99
3) Chlorodifluoromethane	2.681	51	1903850	10.112 ppbv	100
4) Chloromethane	2.819	50	738681	10.367 ppbv	100
5) Vinyl Chloride	2.925	62	754239	10.958 ppbv	99
6) Bromomethane	3.121	94	276227	10.662 ppbv	94
7) Chloroethane	3.198	64	263591	10.435 ppbv	98
8) Dichlorotetrafluoroethane	2.861	85	1874463	10.509 ppbv	100
9) Propene	2.700	41	637657	10.646 ppbv	95
10) Heptane	7.574	43	1600502	11.255 ppbv	99
11) Trichlorofluoromethane	3.562	101	1937848	10.220 ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.067	101	1409294	10.269 ppbv	100
13) Ethanol	3.243	45	143461m	10.070 ppbv	
14) Bromoethene	3.369	108	574906	10.635 ppbv	99
15) Acetone	3.469	43	1354523	10.233 ppbv	98
16) 1,3-Butadiene	2.989	39	711643	10.952 ppbv	98
17) tert-Butyl alcohol	3.877	59	1264062	10.545 ppbv	99
18) 1,1-Dichloroethene	3.880	96	633568	10.813 ppbv	98
19) Isopropyl Alcohol	3.575	45	878842	10.930 ppbv	99
20) Methylene Chloride	3.932	84	521451	9.552 ppbv	95
21) Allyl Chloride	3.996	41	876441	10.867 ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	646962	10.532 ppbv	98
23) Vinyl Acetate	4.623	43	1568147	11.597 ppbv	98
24) 1,1-Dichloroethane	4.562	63	1324003	10.762 ppbv	99
25) Ethyl Acetate	5.198	43	2667616	10.732 ppbv	100
26) Hexane	5.208	57	1158557	10.387 ppbv	99
27) Carbon Disulfide	4.124	76	1534393	11.227 ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	903061	10.729 ppbv	100
29) Chloroform	5.269	83	1954144	10.393 ppbv	98
30) Cyclohexane	6.594	84	996383	10.967 ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1051489	9.960 ppbv	100
32) 1,1,1-Trichloroethane	5.996	97	1958572	11.269 ppbv	100
34) 2-Butanone	4.780	43	1467699	10.816 ppbv	100
35) Carbon Tetrachloride	6.488	117	2040978	11.180 ppbv	99
36) Benzene	6.362	78	2515374	10.682 ppbv	99
37) 1,2-Dichloroethane	5.800	62	1518835	10.743 ppbv	99
38) Trichloroethene	7.282	130	980522	11.526 ppbv	95
39) 1,2-Dichloropropane	7.063	63	991001	10.673 ppbv	98
40) 1,4-Dioxane	7.279	88	363718	11.240 ppbv	89
41) Tetrahydrofuran	5.549	42	1025822	11.354 ppbv	98
42) Bromodichloromethane	7.240	83	2214486	10.963 ppbv	96
43) Methyl Methacrylate	7.465	69	1059096	11.808 ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	4193292	10.757 ppbv	99
45) t-1,3-Dichloropropene	8.700	75	709443	13.422 ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041152.D
 Acq On : 23 Apr 2024 8:58
 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 04/24/2024
 Supervised By : Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 02:48:37 2024

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

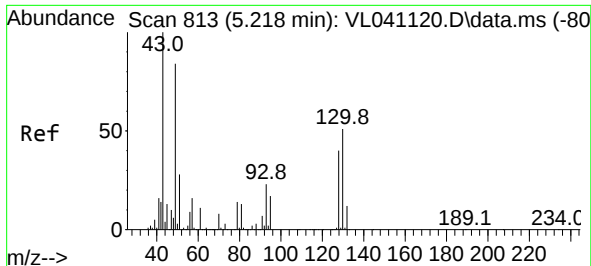
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Apr 24 02:47:46 2024

Response via : Initial Calibration

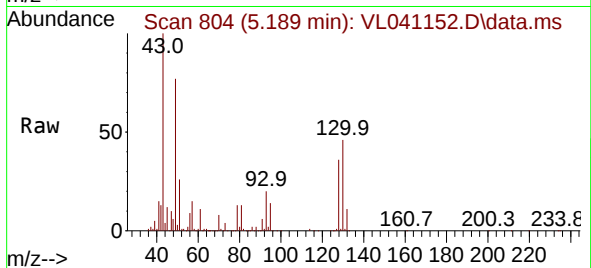
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	881162	12.884	ppbv	99
47) 1,1,2-Trichloroethane	8.890	97	1086076	10.823	ppbv	98
48) Dibromochloromethane	9.700	129	1872199	11.753	ppbv	99
49) Bromoform	12.397	173	1517213	12.022	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2714191	11.367	ppbv	99
51) 2-Hexanone	9.539	43	1964581	11.866	ppbv #	99
52) Tetrachloroethene	10.606	164	868823	11.564	ppbv	97
53) Toluene	9.211	91	2907701	11.727	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1488299	11.892	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.497	131	1360951	10.238	ppbv	98
57) Chlorobenzene	11.516	112	2265952	10.234	ppbv	100
58) Ethyl Benzene	12.076	91	3947158	11.147	ppbv	99
59) m/p-Xylene	12.362	91	6790475m	21.233	ppbv	
60) o-Xylene	13.047	91	3287859	10.850	ppbv	98
61) Styrene	12.886	104	1644635	12.249	ppbv	99
62) Isopropylbenzene	14.018	105	4741203	10.510	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2467145	10.362	ppbv	99
64) n-propylbenzene	14.905	120	1255994	11.094	ppbv	95
65) tert-Butylbenzene	16.079	119	4250200	10.792	ppbv	99
66) Benzyl Chloride	16.314	91	296104	11.427	ppbv	98
67) sec-Butylbenzene	16.626	105	5984447	10.518	ppbv	100
69) p-Isopropyltoluene	16.982	119	4877363	10.992	ppbv	100
70) n-Butylbenzene	17.873	91	5284686	10.963	ppbv	100
71) 2-Chlorotoluene	14.790	91	3695616	10.681	ppbv	99
72) 4-Ethyltoluene	15.182	105	3751702	11.085	ppbv	100
73) 1,3,5-Trimethylbenzene	15.339	105	3263976	10.935	ppbv	98
74) 1,2,4-Trimethylbenzene	16.095	105	3653199	10.694	ppbv	99
75) 1,3-Dichlorobenzene	16.317	146	2139363	10.726	ppbv	100
76) 1,4-Dichlorobenzene	16.462	146	2092934	10.788	ppbv	98
77) 1,2-Dichlorobenzene	17.134	146	2086636	10.774	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1250797	9.714	ppbv	98
79) Naphthalene	21.371	128	3055082	13.940	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	645297	15.115	ppbv	99
81) 1,2,4-Trichlorobenzene	21.127	180	1471830	11.980	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

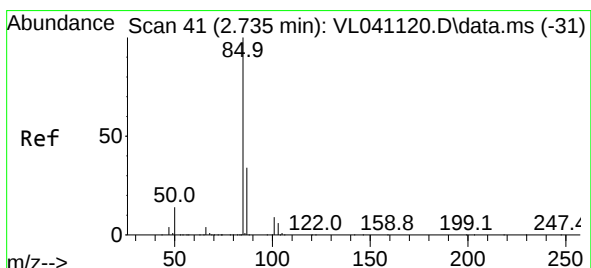
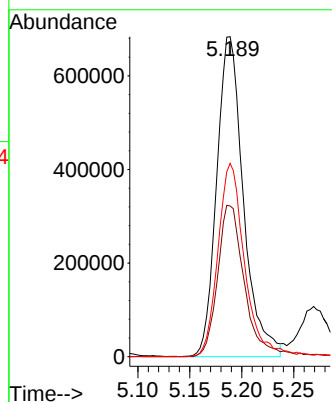
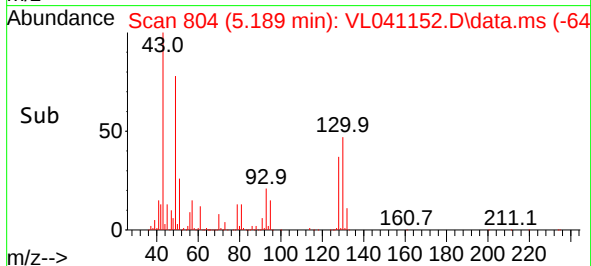
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1222428
Ion Ratio Lower Upper
49 100
128 48.4 23.6 71.0
130 61.7 30.1 90.5

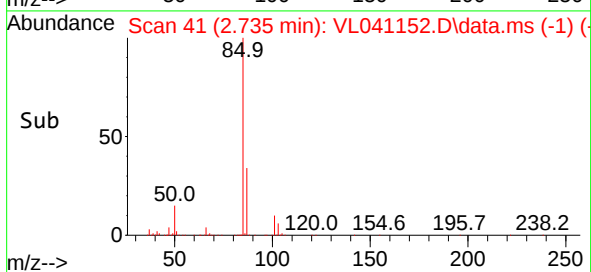
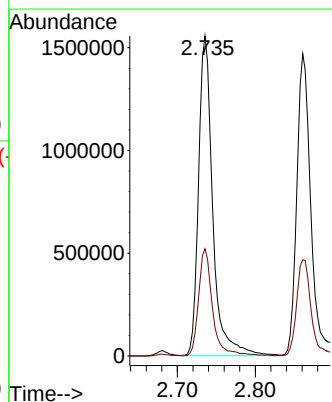
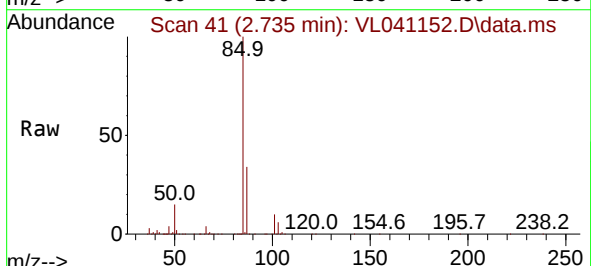
Manual Integrations
APPROVED

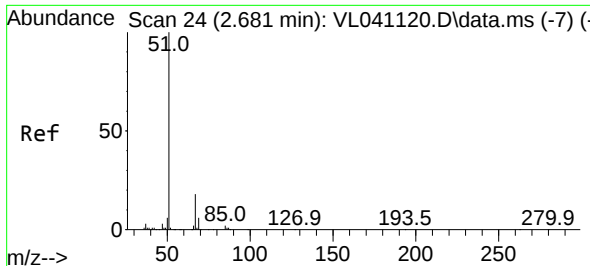
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#2
Dichlorodifluoromethane
Concen: 9.430 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

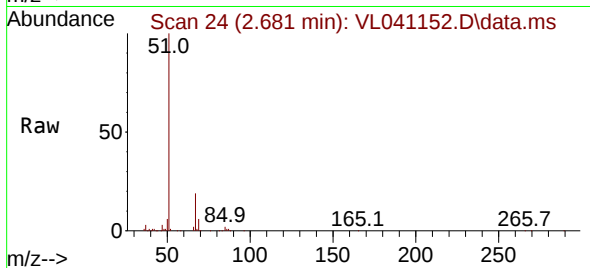
Tgt Ion: 85 Resp: 1971781
Ion Ratio Lower Upper
85 100
87 33.5 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.112 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

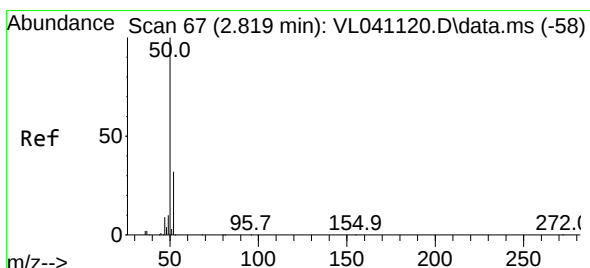
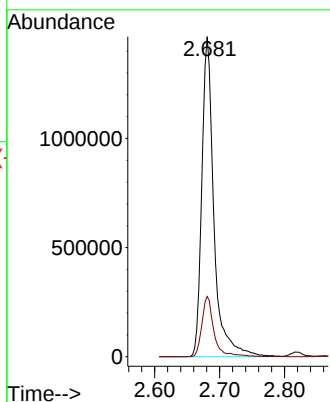
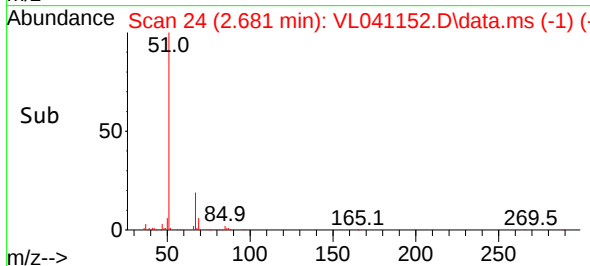
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



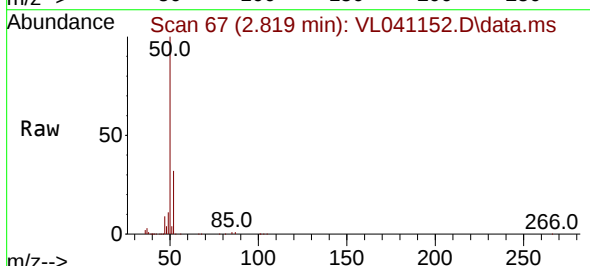
Tgt Ion: 51 Resp: 1903850
Ion Ratio Lower Upper
51 100
67 18.8 14.9 22.3

Manual Integrations
APPROVED

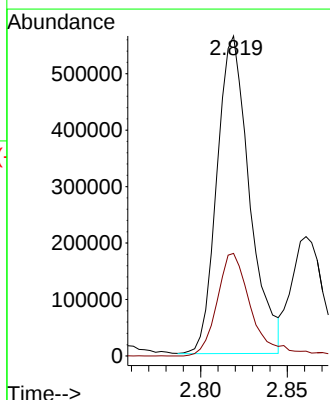
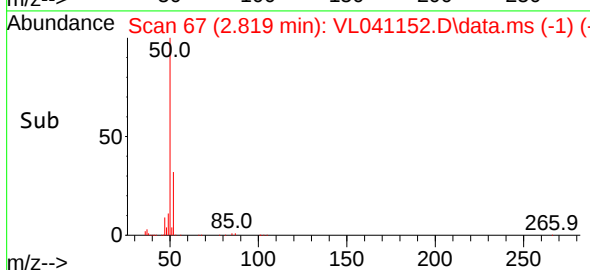
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

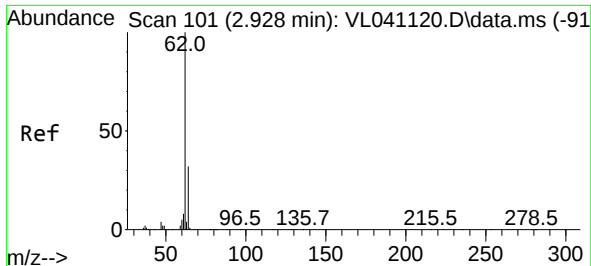


#4
Chloromethane
Concen: 10.367 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



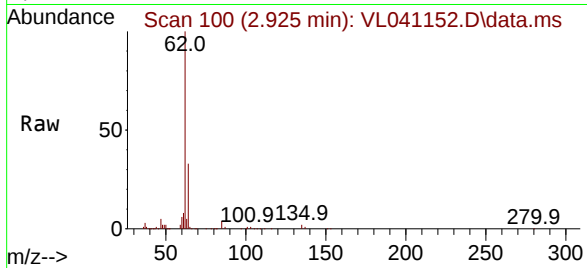
Tgt Ion: 50 Resp: 738681
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0





#5
 Vinyl Chloride
 Concen: 10.958 ppbv
 RT: 2.925 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

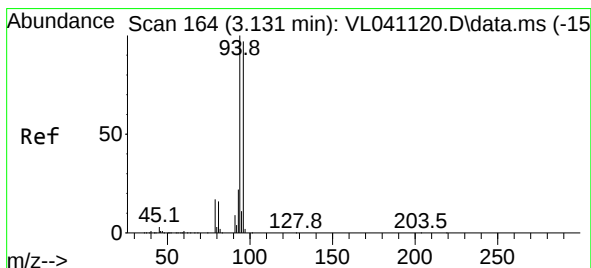
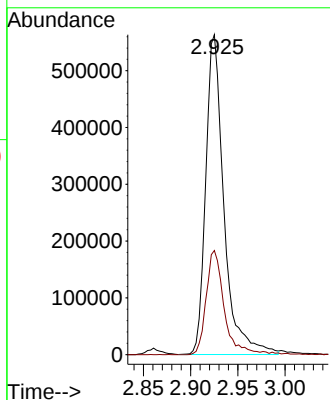
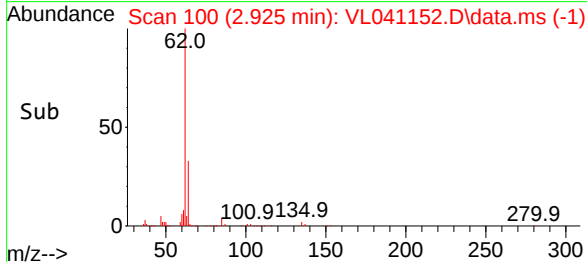
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 754239
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.6 38.4

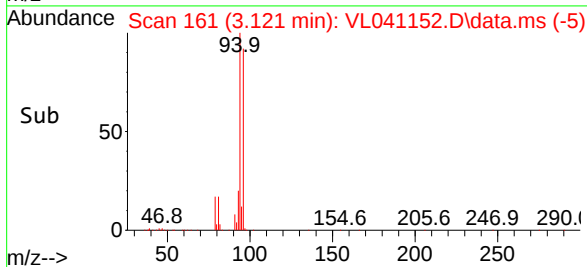
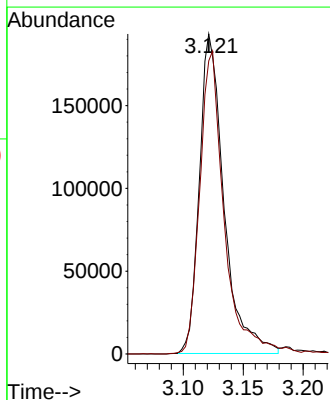
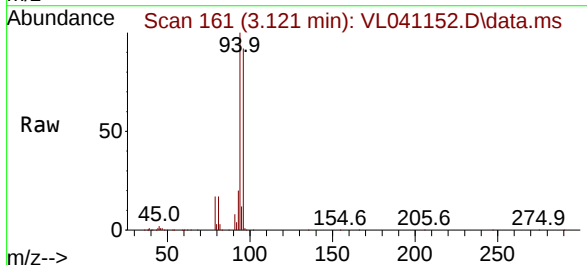
Manual Integrations
 APPROVED

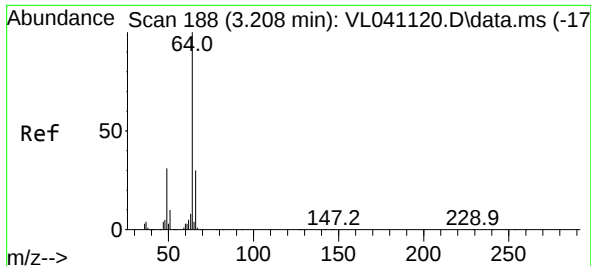
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#6
 Bromomethane
 Concen: 10.662 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

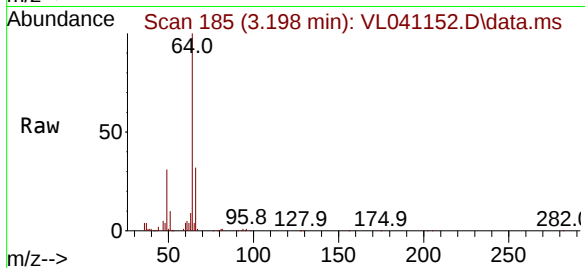
Tgt Ion: 94 Resp: 276227
 Ion Ratio Lower Upper
 94 100
 96 91.3 77.9 116.9





#7
Chloroethane
Concen: 10.435 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

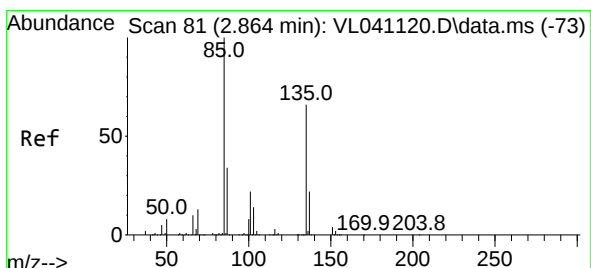
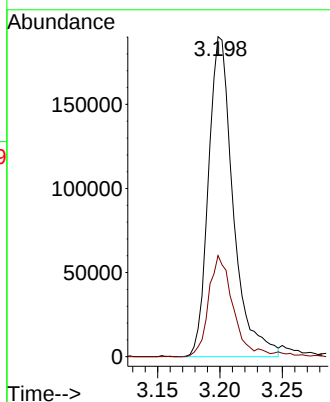
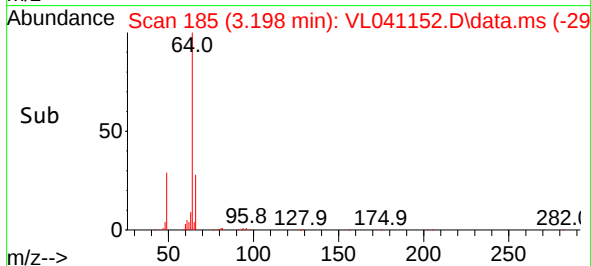
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 26359
Ion Ratio Lower Upper
64 100
66 31.6 24.2 36.4

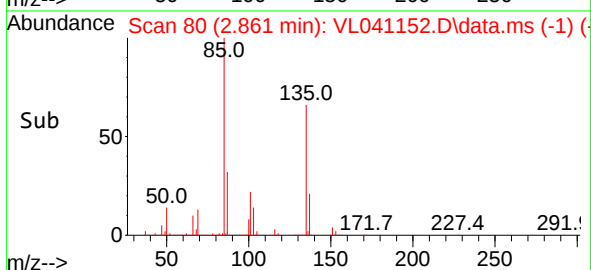
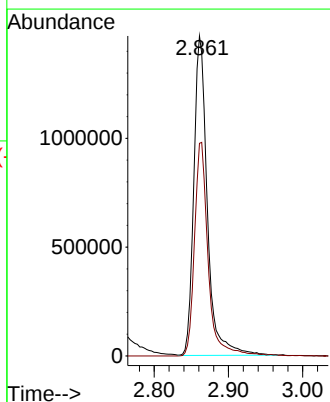
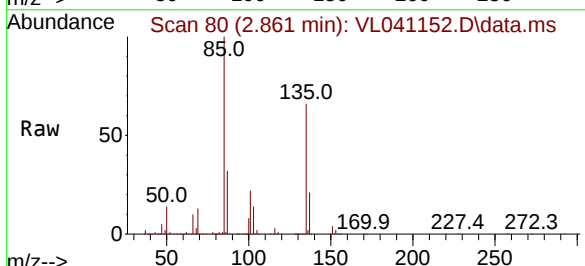
Manual Integrations
APPROVED

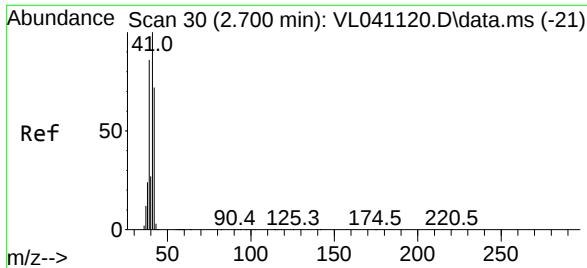
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#8
Dichlorotetrafluoroethane
Concen: 10.509 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 85 Resp: 1874463
Ion Ratio Lower Upper
85 100
135 67.7 54.2 81.2





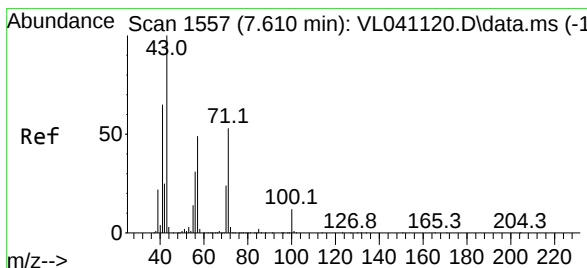
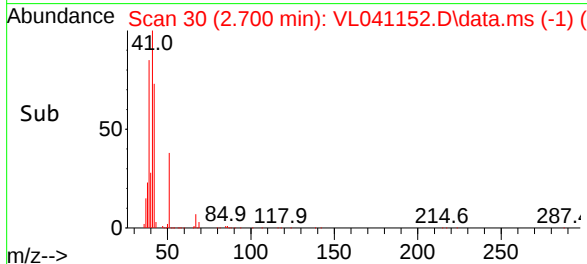
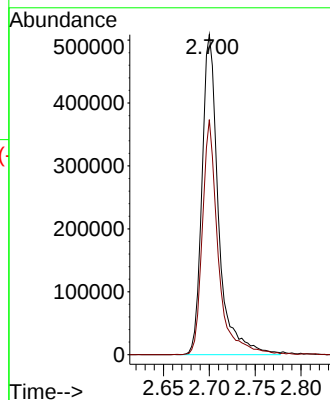
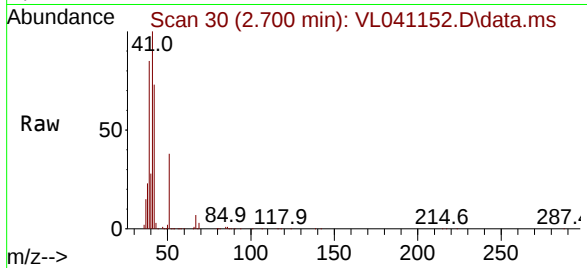
#9
Propene
Concen: 10.646 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 63765
Ion Ratio Lower Upper
41 100
42 70.7 60.1 90.1

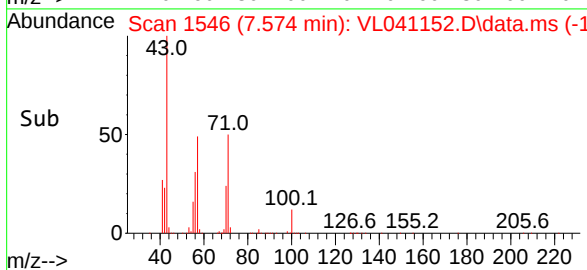
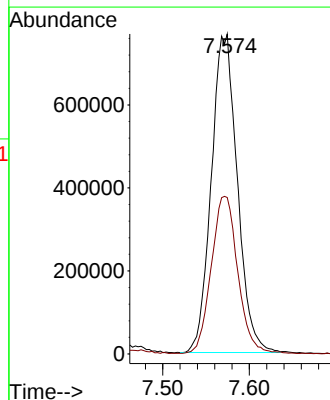
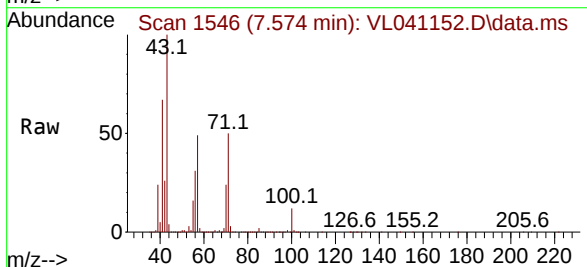
Manual Integrations
APPROVED

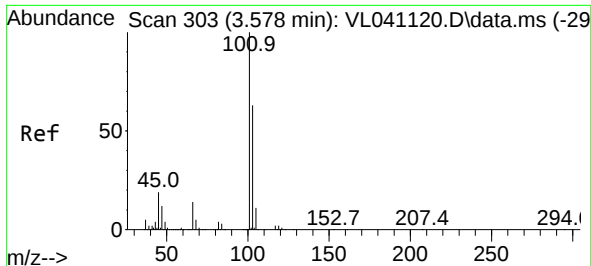
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#10
Heptane
Concen: 11.255 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

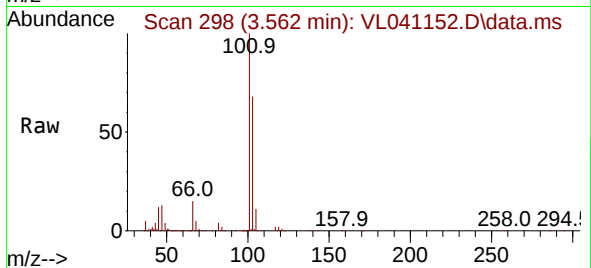
Tgt Ion: 43 Resp: 1600502
Ion Ratio Lower Upper
43 100
57 50.6 39.9 59.9





#11
Trichlorofluoromethane
Concen: 10.220 ppbv
RT: 3.562 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

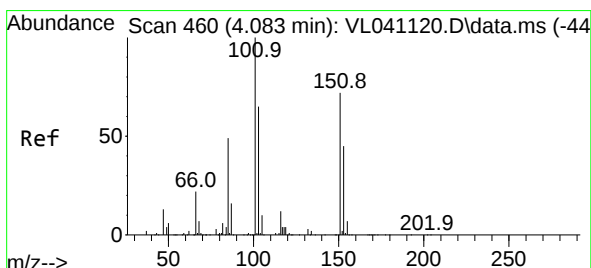
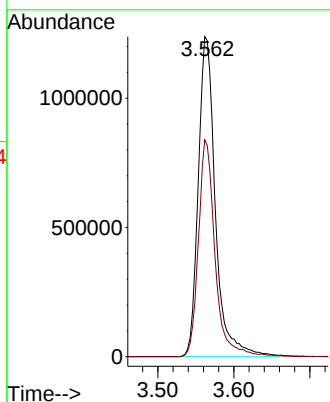
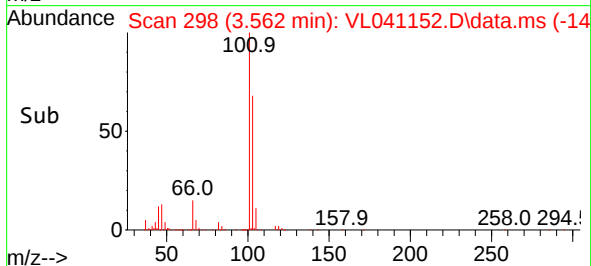
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



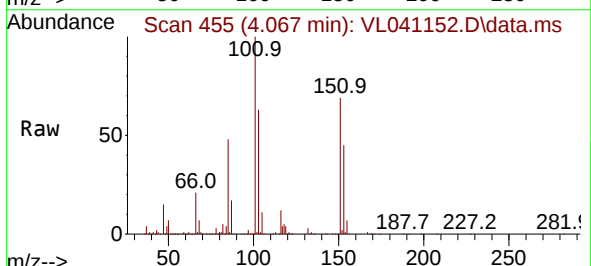
Tgt Ion:101 Resp: 193784
Ion Ratio Lower Upper
101 100
103 67.8 50.6 75.8

Manual Integrations
APPROVED

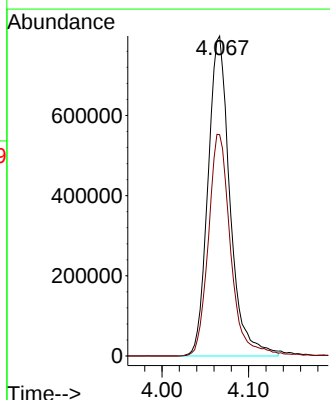
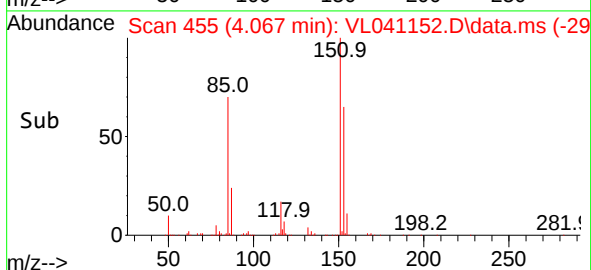
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

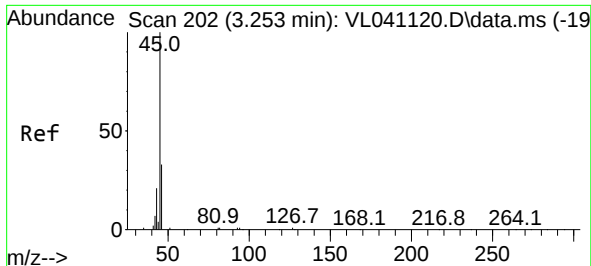


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.269 ppbv
RT: 4.067 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



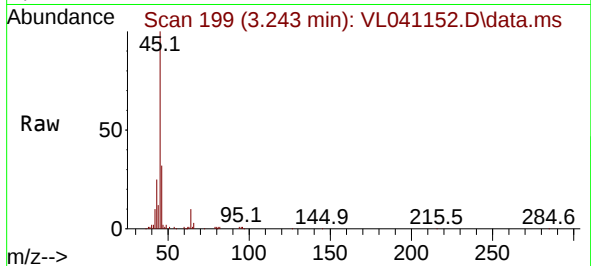
Tgt Ion:101 Resp: 1409294
Ion Ratio Lower Upper
101 100
151 70.5 56.2 84.4





#13
Ethanol
Concen: 10.070 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

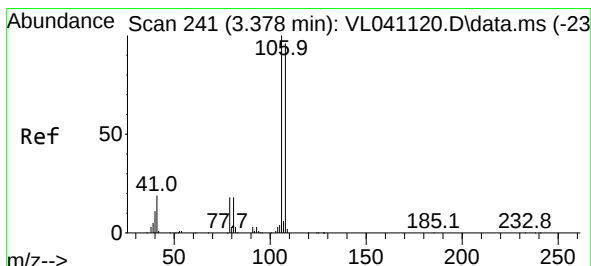
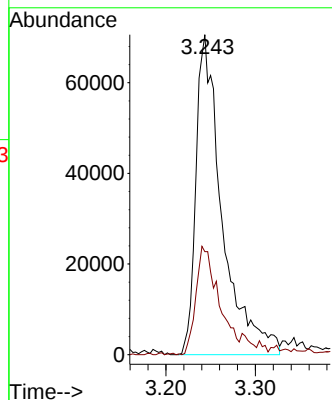
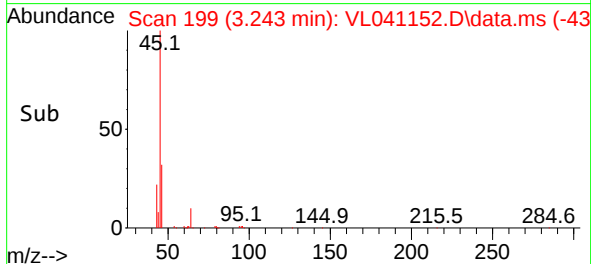
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 14346
Ion Ratio Lower Upper
45 100
46 34.6 15.0 59.8

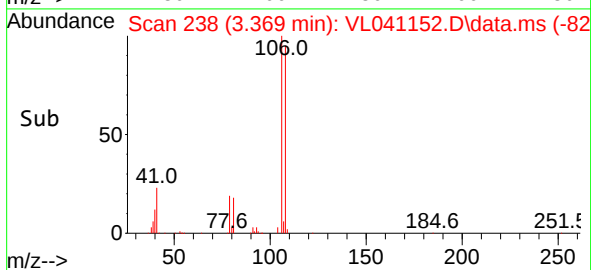
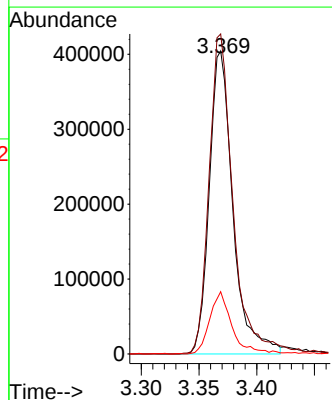
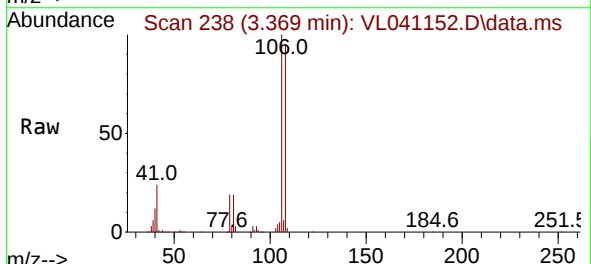
Manual Integrations
APPROVED

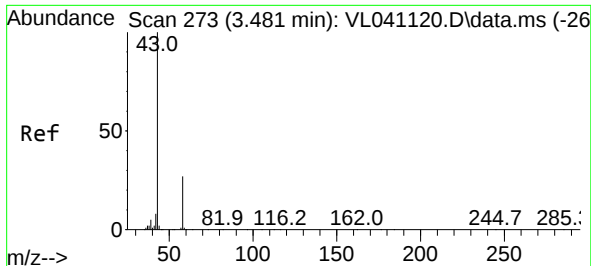
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#14
Bromoethene
Concen: 10.635 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion:108 Resp: 574906
Ion Ratio Lower Upper
108 100
106 108.9 86.0 129.0
79 20.1 15.4 23.2





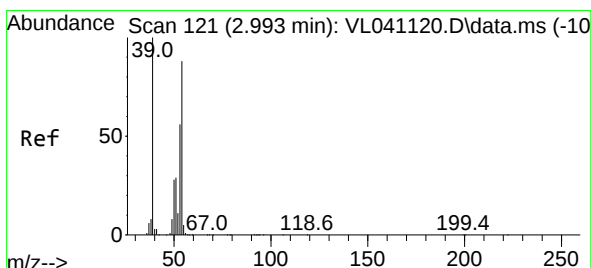
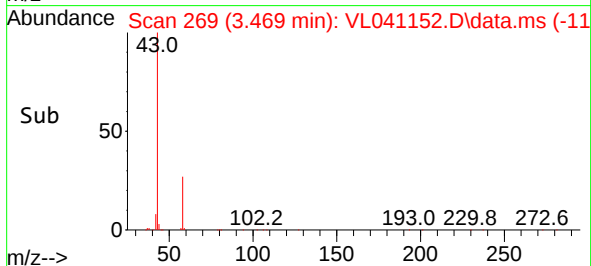
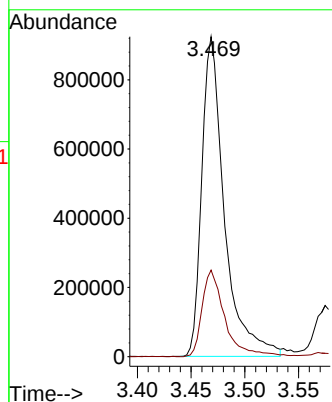
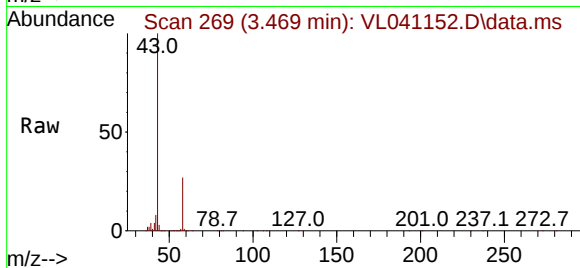
#15
Acetone
Concen: 10.233 ppbv
RT: 3.469 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 135452
Ion Ratio Lower Upper
43 100
58 27.3 21.1 31.7

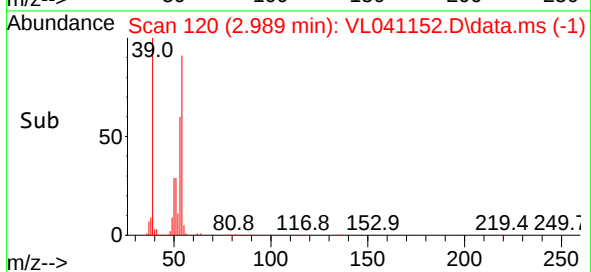
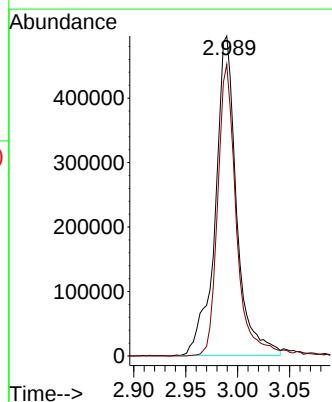
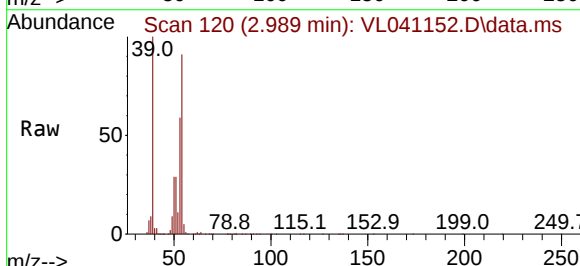
Manual Integrations
APPROVED

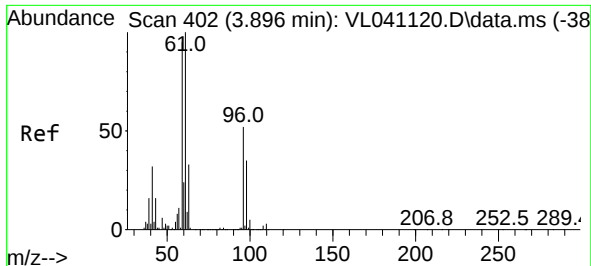
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#16
1,3-Butadiene
Concen: 10.952 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 39 Resp: 711643
Ion Ratio Lower Upper
39 100
54 80.9 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.545 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1264062

Ion Ratio Lower Upper

59 100

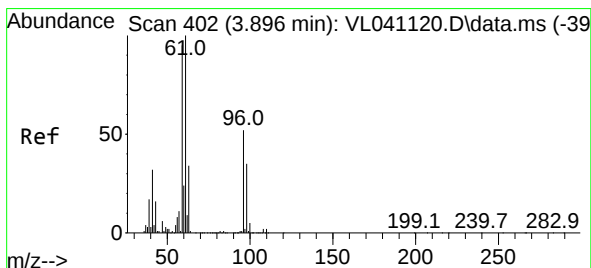
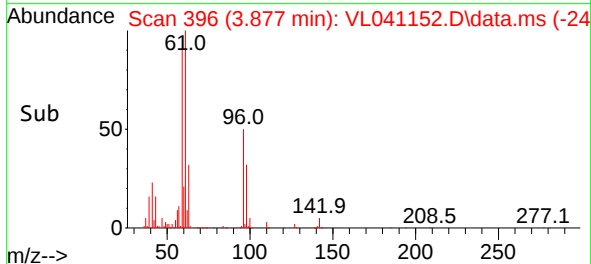
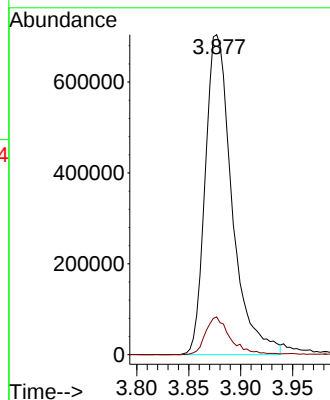
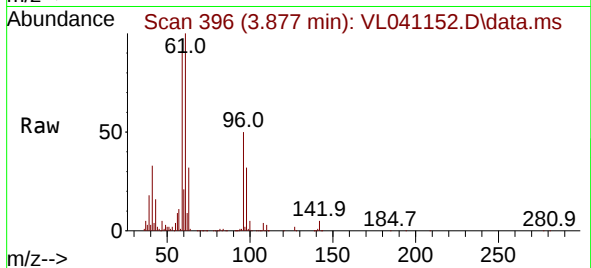
57 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#18

1,1-Dichloroethene

Concen: 10.813 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

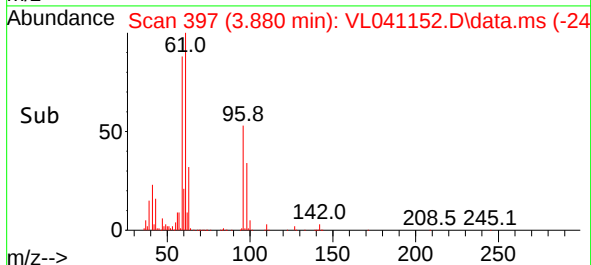
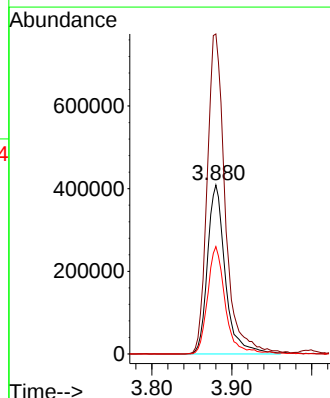
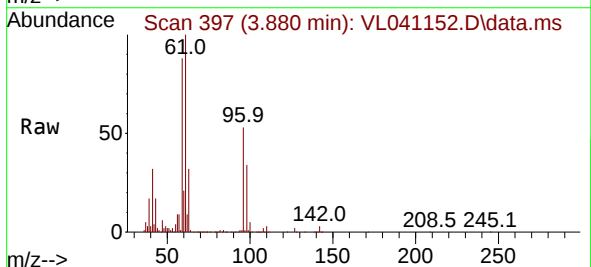
Tgt Ion: 96 Resp: 633568

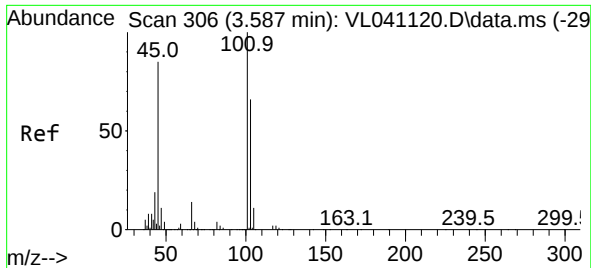
Ion Ratio Lower Upper

96 100

61 189.5 152.6 228.8

98 63.6 54.0 81.0





#19

Isopropyl Alcohol

Concen: 10.930 ppbv

RT: 3.575 min Scan# 306

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 87884

Ion Ratio Lower Upper

45 100

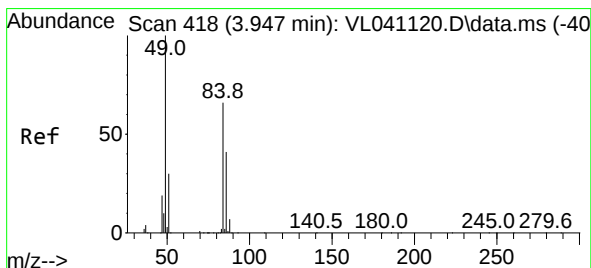
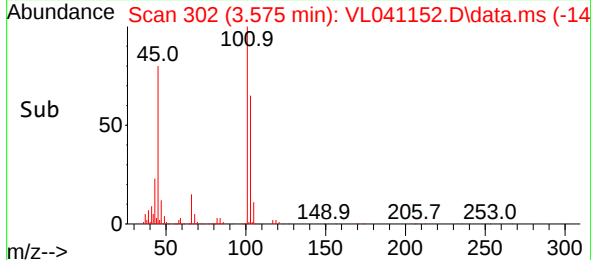
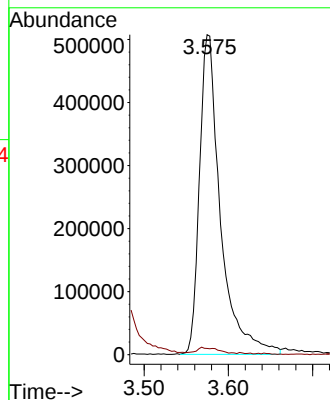
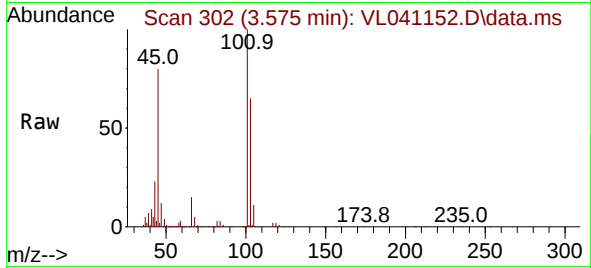
58 3.0 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#20

Methylene Chloride

Concen: 9.552 ppbv

RT: 3.932 min Scan# 413

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Tgt Ion: 84 Resp: 521451

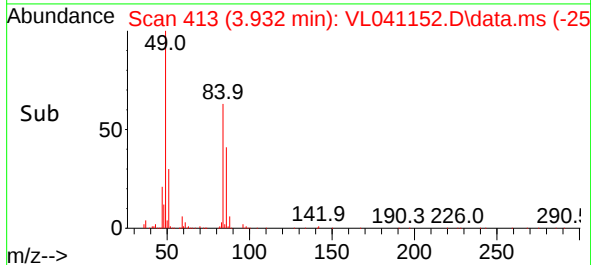
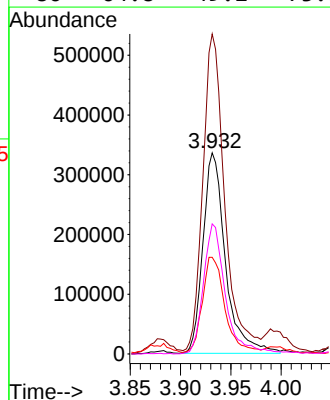
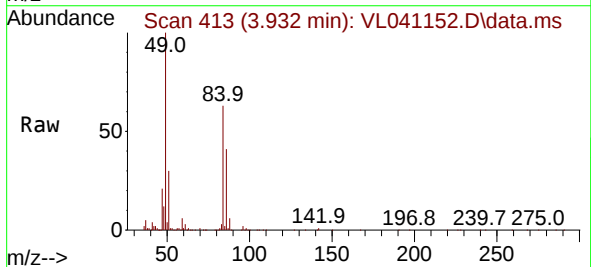
Ion Ratio Lower Upper

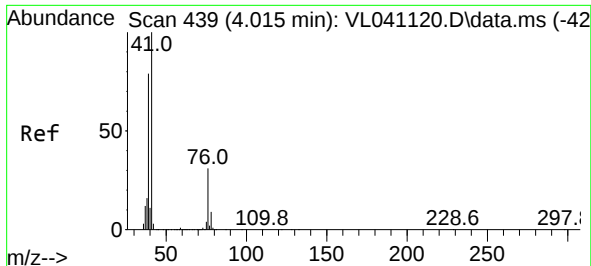
84 100

49 157.7 120.7 181.1

51 47.2 36.6 54.8

86 64.8 49.2 73.8





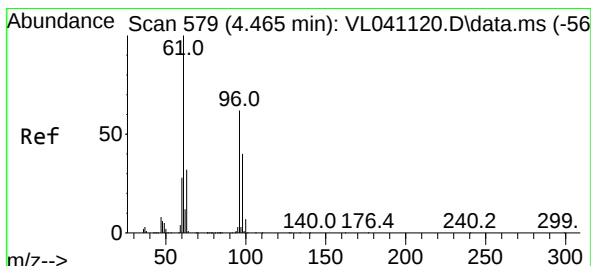
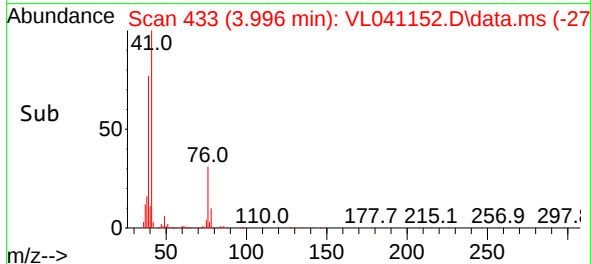
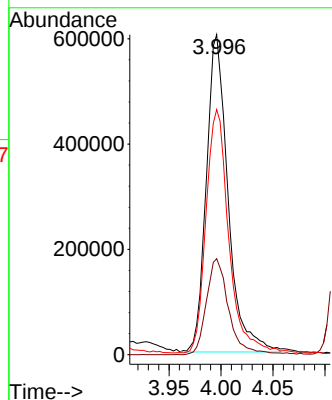
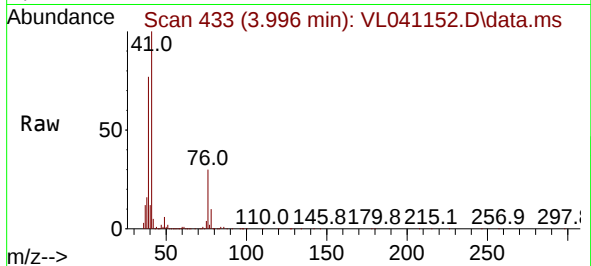
#21
 Allyl Chloride
 Concen: 10.867 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 87644
 Ion Ratio Lower Upper
 41 100
 76 31.3 25.7 38.5
 39 81.7 65.7 98.5

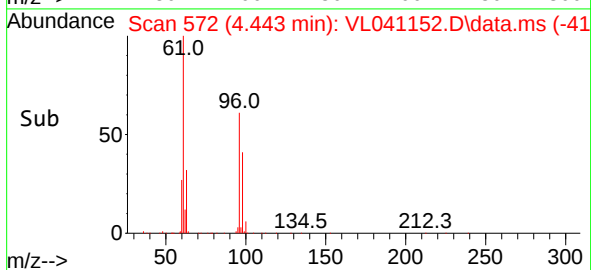
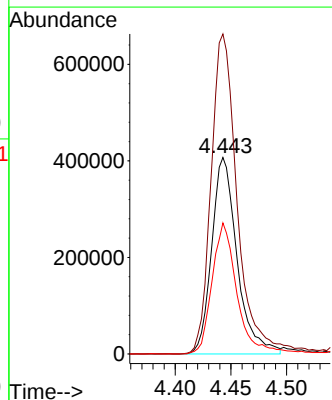
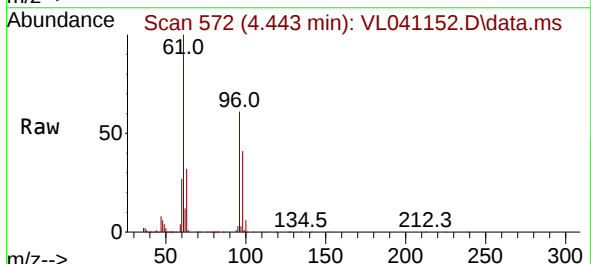
Manual Integrations
 APPROVED

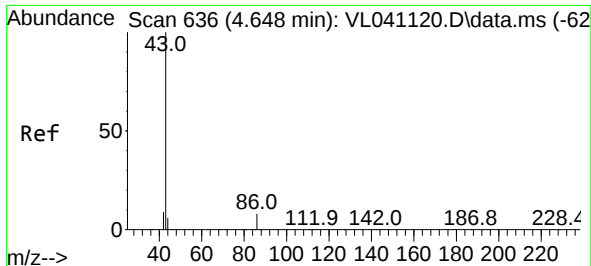
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.532 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

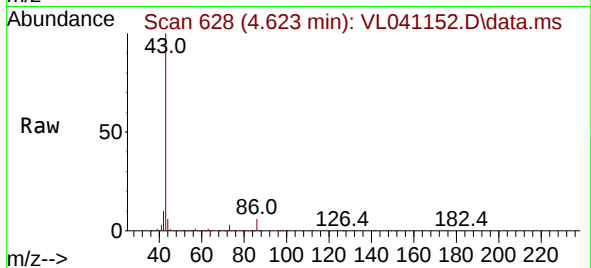
Tgt Ion: 96 Resp: 646962
 Ion Ratio Lower Upper
 96 100
 61 162.8 128.4 192.6
 98 66.7 51.5 77.3





#23
 Vinyl Acetate
 Concen: 11.597 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

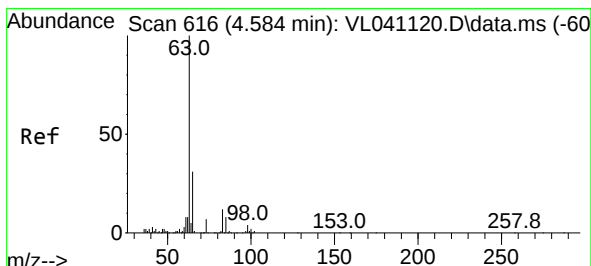
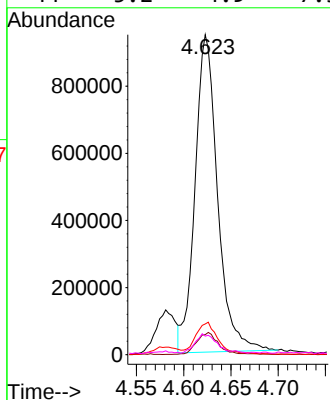
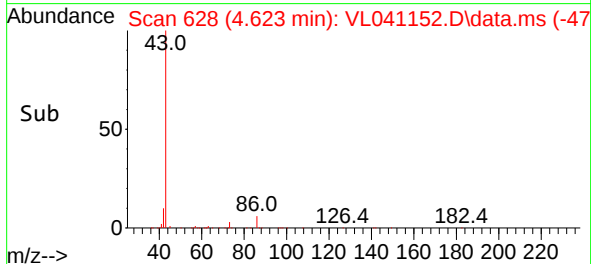


Tgt Ion: 43 Resp: 156814

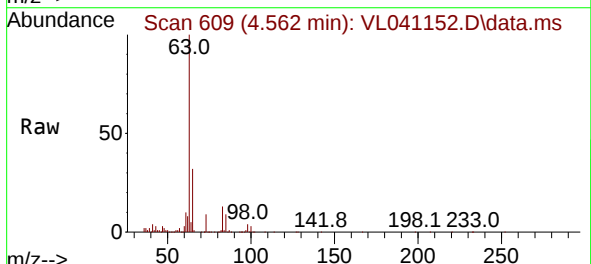
Ion	Ratio	Lower	Upper
43	100		
86	6.3	6.2	9.4
42	9.6	7.7	11.5
44	5.2	4.9	7.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

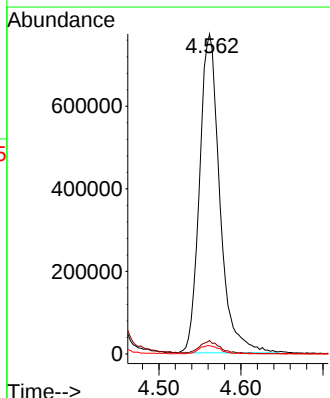
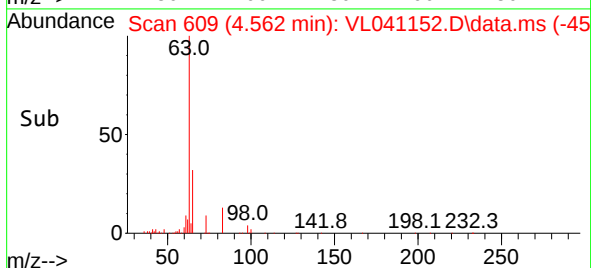


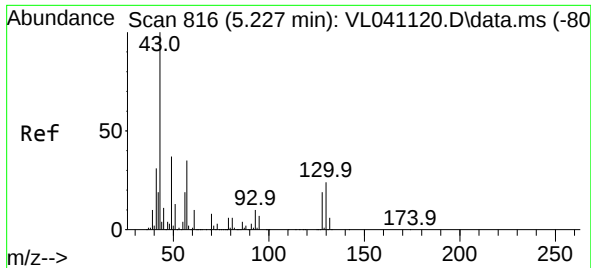
#24
 1,1-Dichloroethane
 Concen: 10.762 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58



Tgt Ion: 63 Resp: 1324003

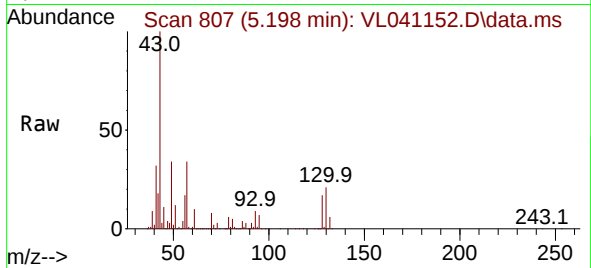
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.3
100	2.6	1.1	3.3





#25
Ethyl Acetate
Concen: 10.732 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

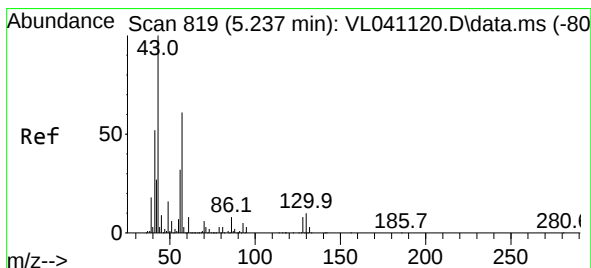
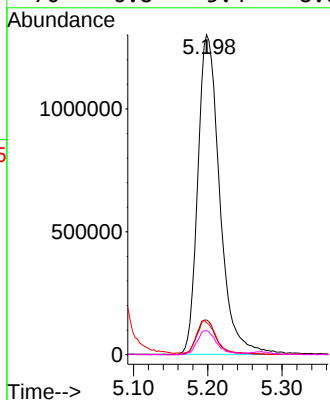
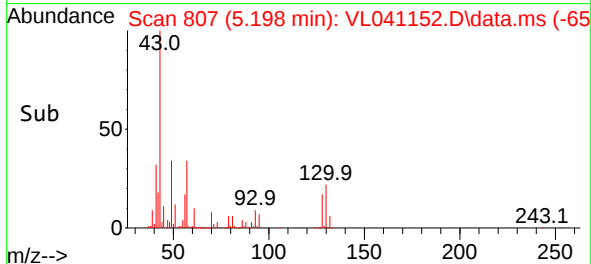
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



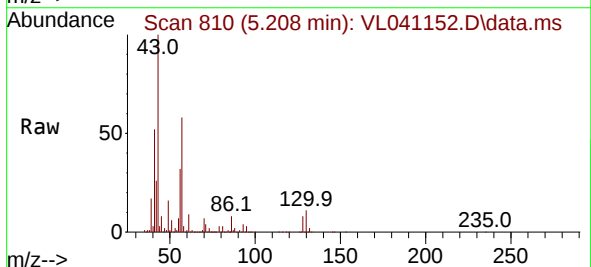
Tgt Ion: 43 Resp: 2667610
Ion Ratio Lower Upper
43 100
45 10.1 8.0 12.0
61 9.6 7.8 11.6
70 6.8 5.4 8.0

Manual Integrations
APPROVED

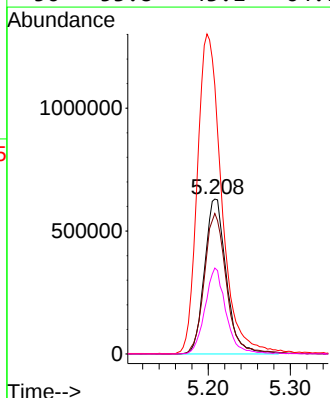
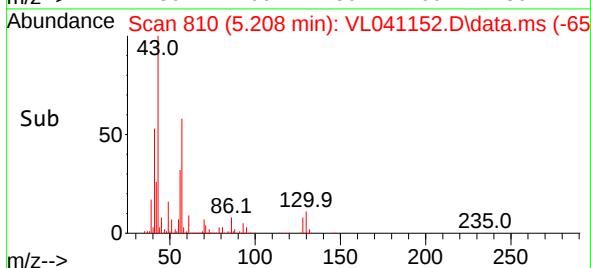
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

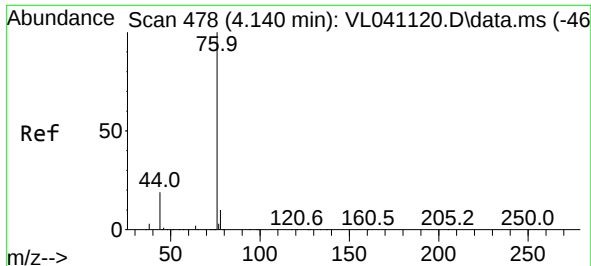


#26
Hexane
Concen: 10.387 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



Tgt Ion: 57 Resp: 1158557
Ion Ratio Lower Upper
57 100
41 92.7 73.8 110.8
43 231.3 186.2 279.2
56 53.8 43.1 64.7





#27

Carbon Disulfide

Concen: 11.227 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 153439

Ion Ratio Lower Upper

76 100

44 20.8 16.3 24.5

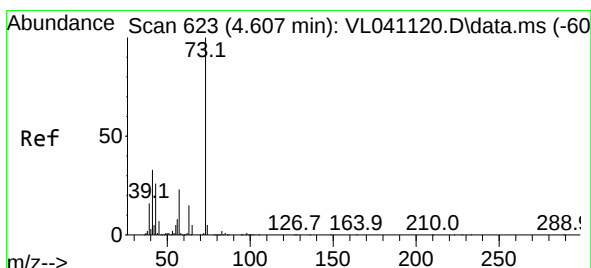
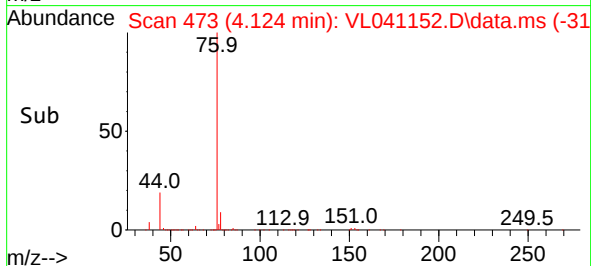
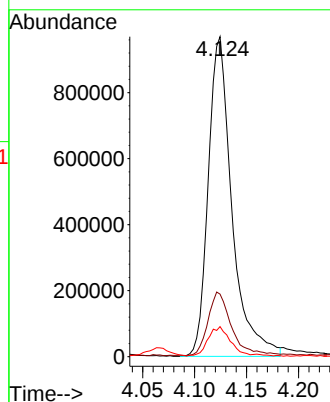
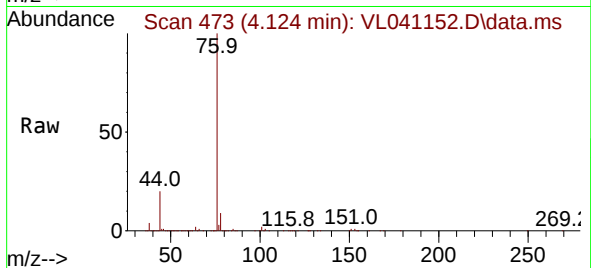
78 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#28

Methyl tert-Butyl Ether

Concen: 10.729 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.000 min

Lab File: VL041152.D

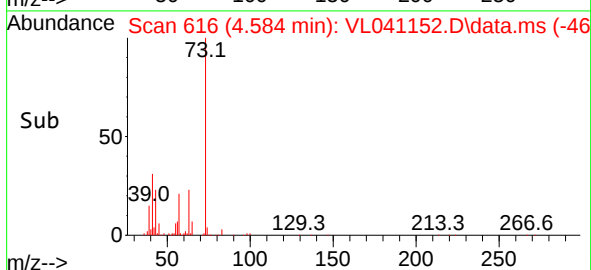
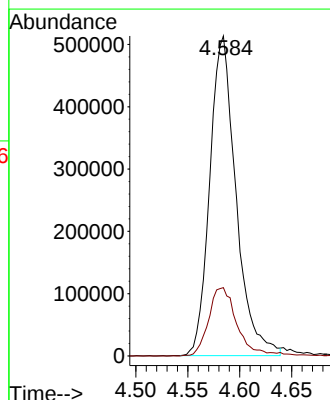
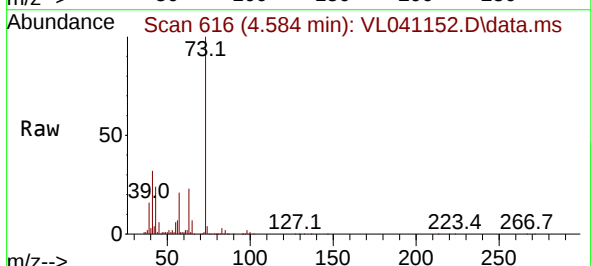
Acq: 23 Apr 2024 8:58

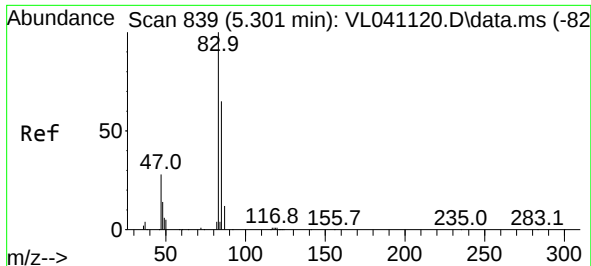
Tgt Ion: 73 Resp: 903061

Ion Ratio Lower Upper

73 100

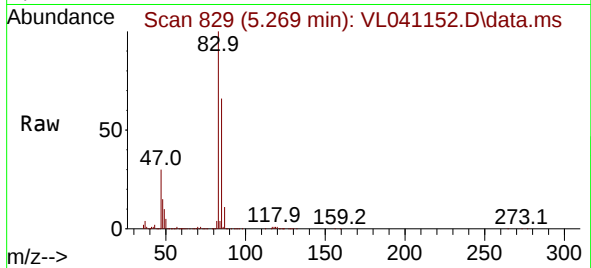
57 23.3 18.6 27.8





#29
Chloroform
Concen: 10.393 ppbv
RT: 5.269 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

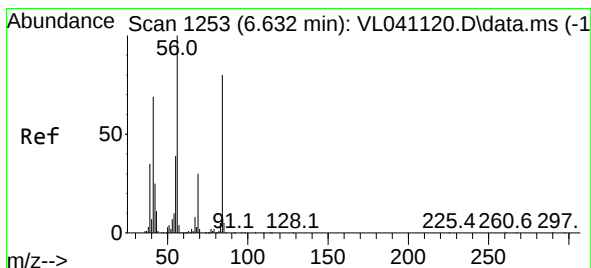
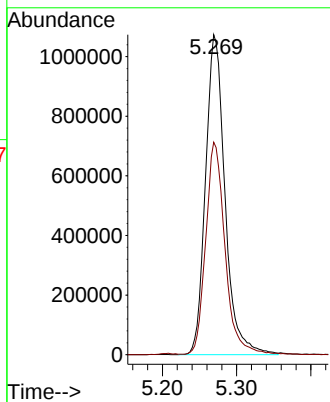
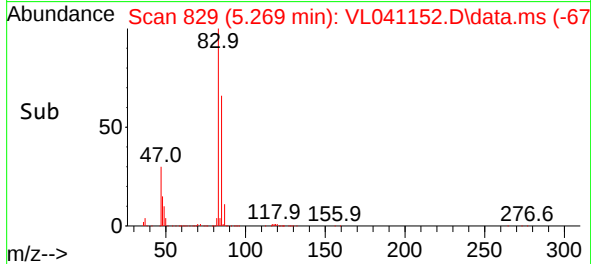
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



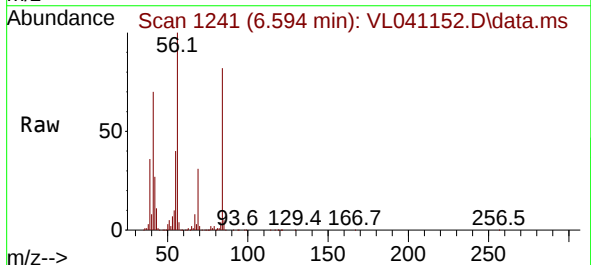
Tgt Ion: 83 Resp: 195414
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3

Manual Integrations
APPROVED

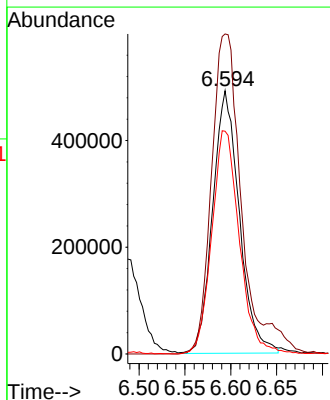
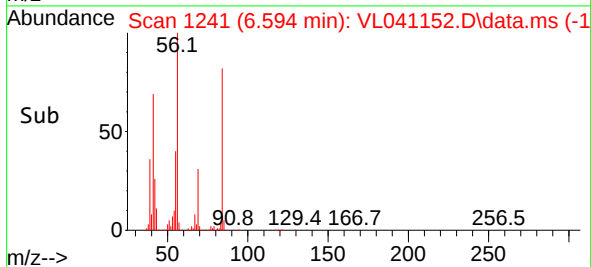
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

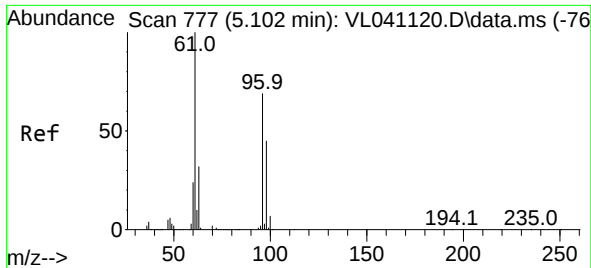


#30
Cyclohexane
Concen: 10.967 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



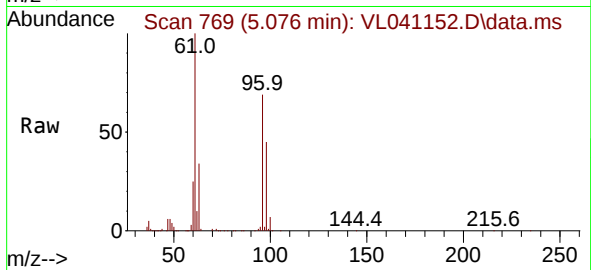
Tgt Ion: 84 Resp: 996383
Ion Ratio Lower Upper
84 100
56 138.5 111.9 167.9
41 87.9 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.960 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

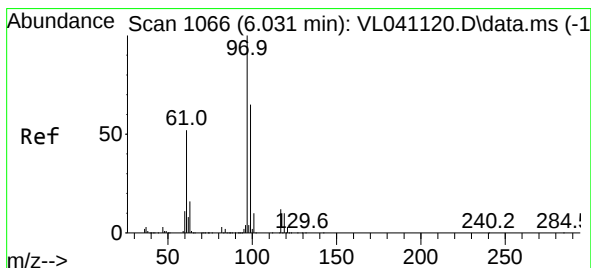
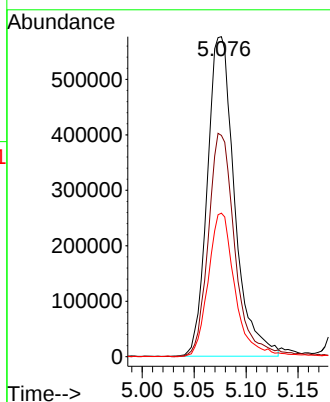
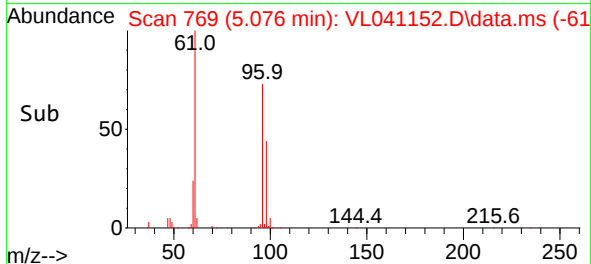
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



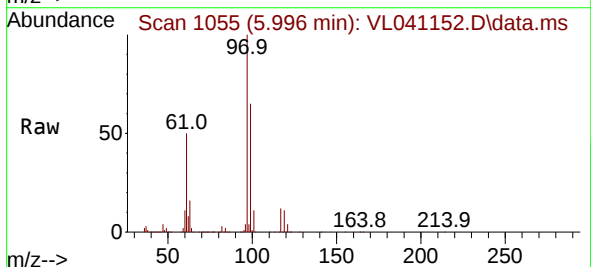
Tgt Ion: 61 Resp: 1051489
 Ion Ratio Lower Upper
 61 100
 96 69.0 54.9 82.3
 98 44.9 35.9 53.9

Manual Integrations
 APPROVED

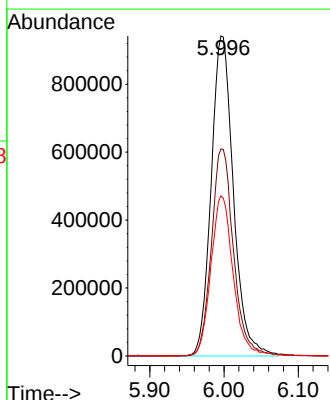
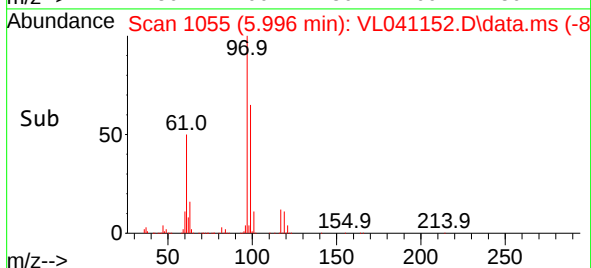
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

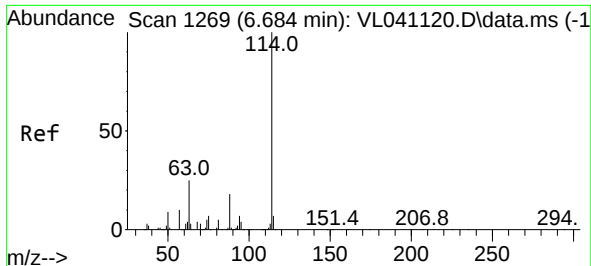


#32
 1,1,1-Trichloroethane
 Concen: 11.269 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58



Tgt Ion: 97 Resp: 1958572
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 50.3 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 320660

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

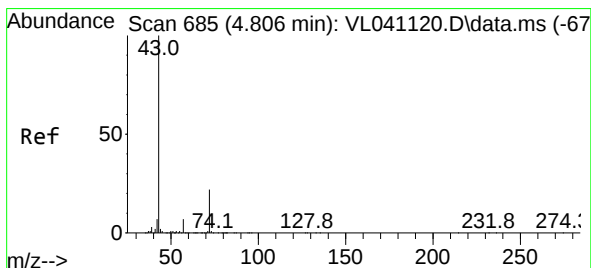
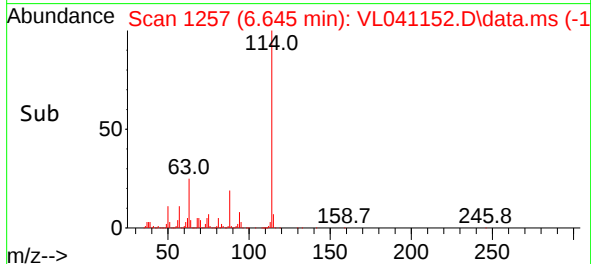
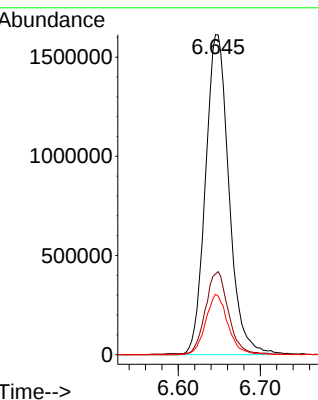
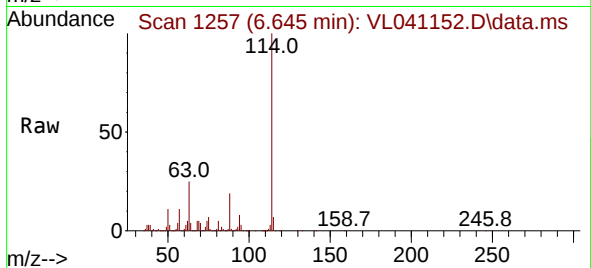
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#34

2-Butanone

Concen: 10.816 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL041152.D

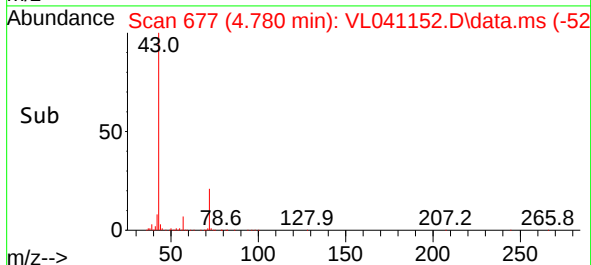
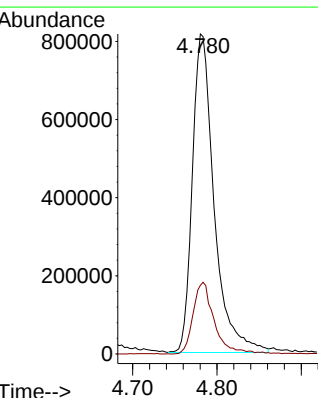
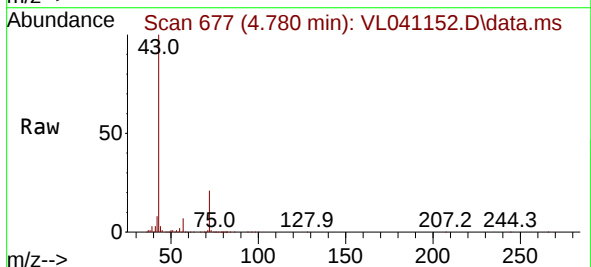
Acq: 23 Apr 2024 8:58

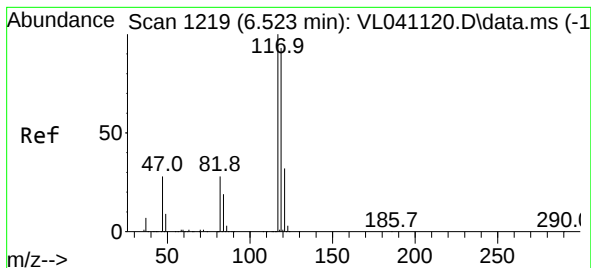
Tgt Ion: 43 Resp: 1467699

Ion Ratio Lower Upper

43 100

72 22.1 17.6 26.4





#35

Carbon Tetrachloride

Concen: 11.180 ppbv

RT: 6.488 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL041152.D

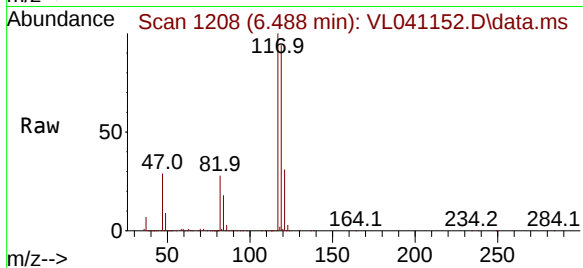
Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 117 Resp: 2040978

Ion Ratio Lower Upper

117 100

119 93.7 74.2 111.4

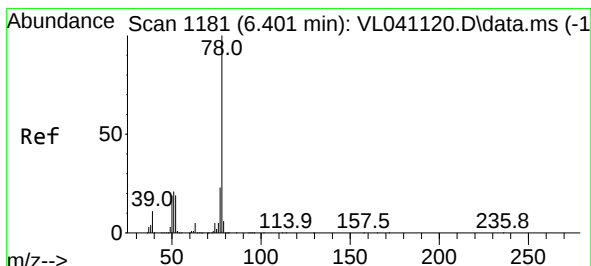
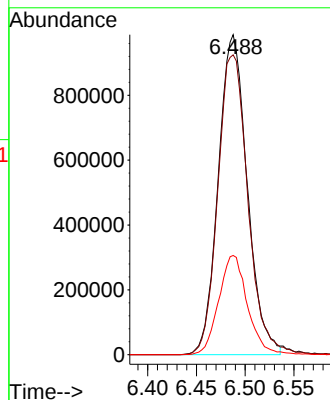
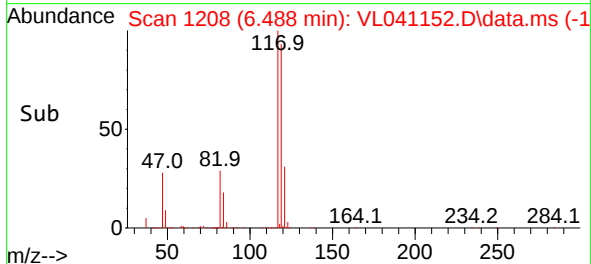
121 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#36

Benzene

Concen: 10.682 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

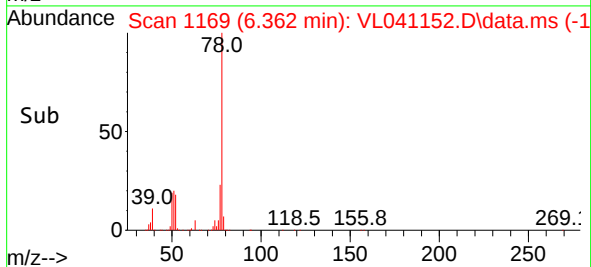
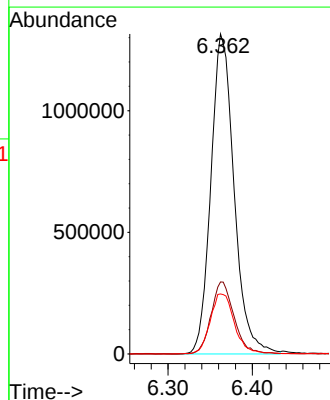
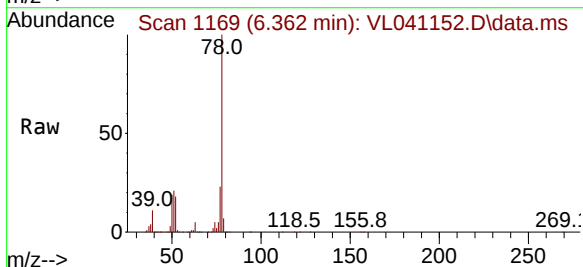
Tgt Ion: 78 Resp: 2515374

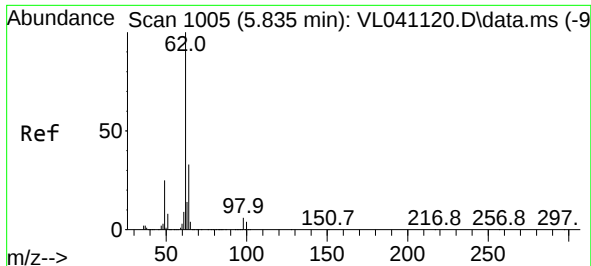
Ion Ratio Lower Upper

78 100

77 22.4 18.2 27.4

50 18.7 15.4 23.2





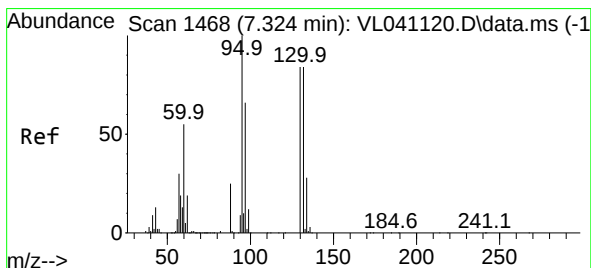
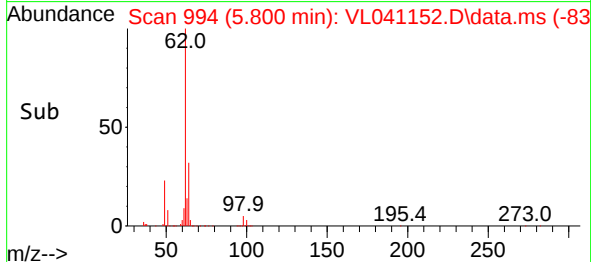
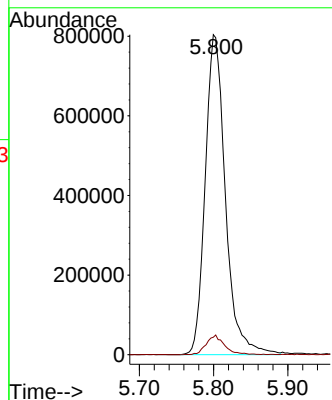
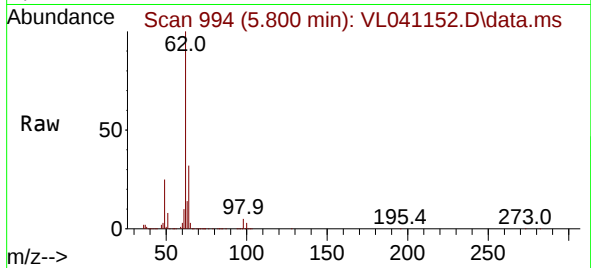
#37
1,2-Dichloroethane
Concen: 10.743 ppbv
RT: 5.800 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 151833
Ion Ratio Lower Upper
62 100
98 5.6 4.6 7.0

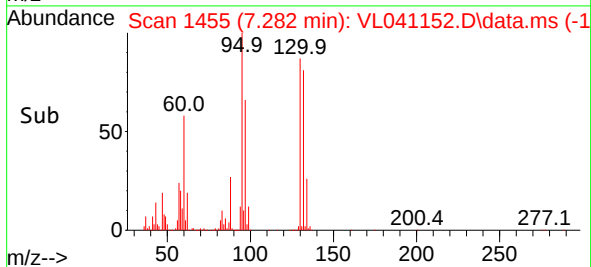
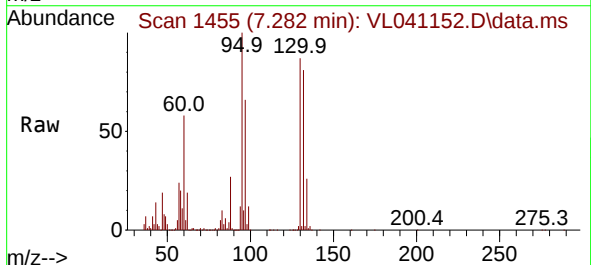
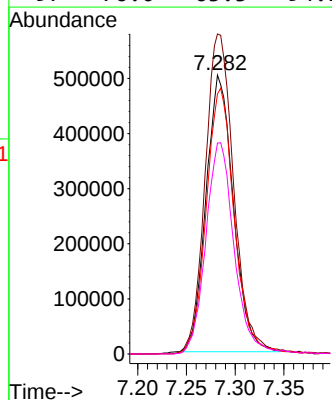
Manual Integrations
APPROVED

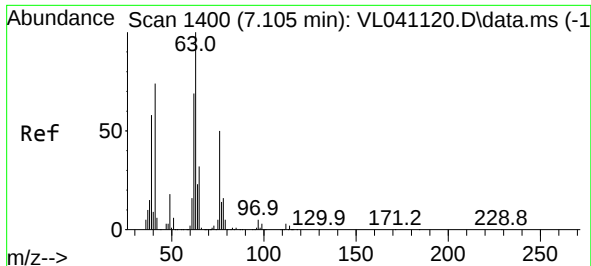
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#38
Trichloroethene
Concen: 11.526 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion:130 Resp: 980522
Ion Ratio Lower Upper
130 100
95 115.0 95.4 143.0
132 93.5 80.0 120.0
97 76.0 63.3 94.9





#39

1,2-Dichloropropane

Concen: 10.673 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

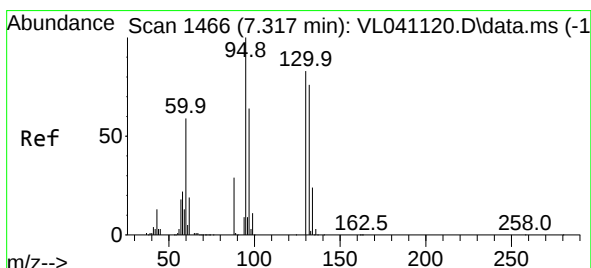
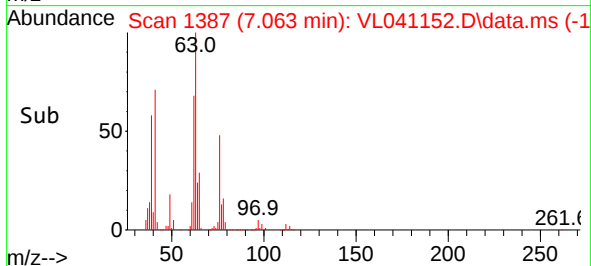
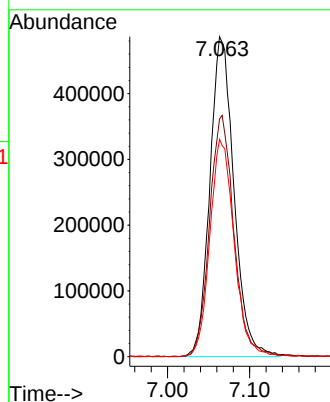
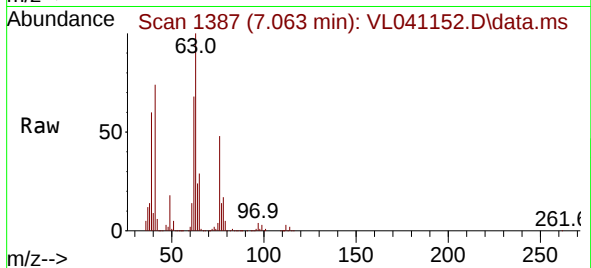
VSTDCCC010

Tgt Ion:	63	Resp:	99100
Ion Ratio	Lower	Upper	
63	100		
41	74.3	58.7	88.1
62	67.8	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#40

1,4-Dioxane

Concen: 11.240 ppbv

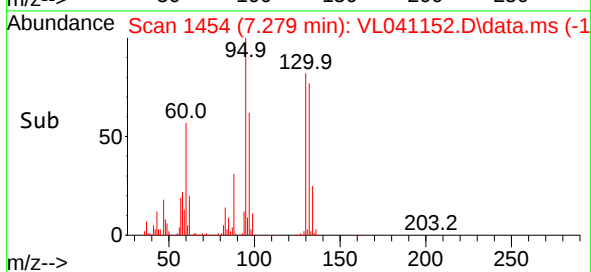
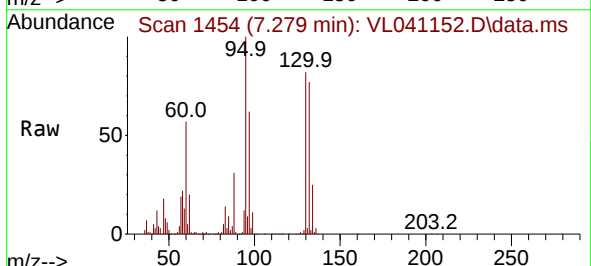
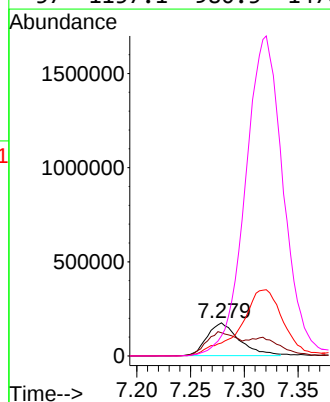
RT: 7.279 min Scan# 1454

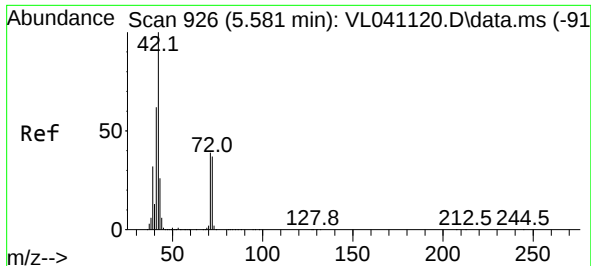
Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Tgt Ion:	88	Resp:	363718
Ion Ratio	Lower	Upper	
88	100		
58	130.8	107.8	161.6
43	268.8	223.8	335.6
57	1157.1	980.5	1470.7





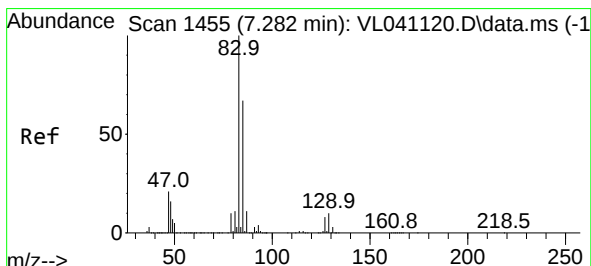
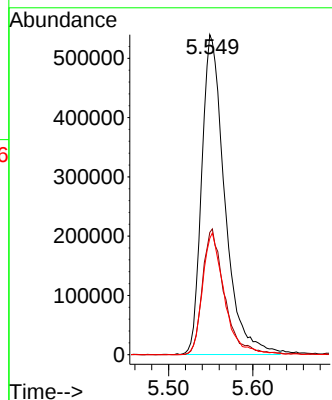
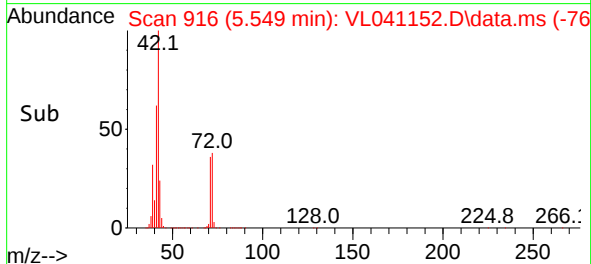
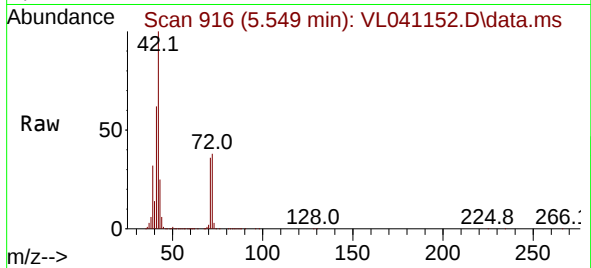
#41
Tetrahydrofuran
Concen: 11.354 ppbv
RT: 5.549 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 102582
Ion Ratio Lower Upper
42 100
72 38.1 31.2 46.8
71 36.5 29.9 44.9

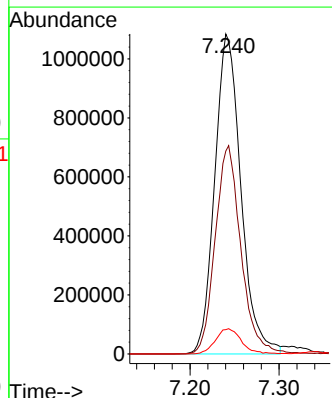
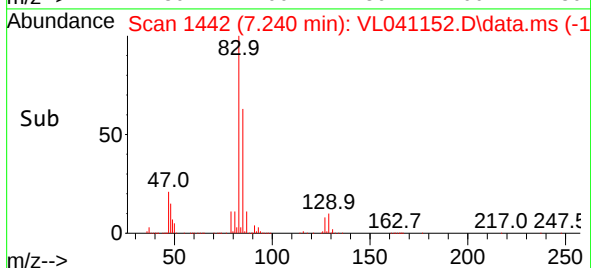
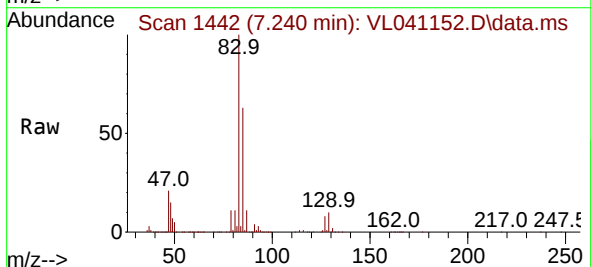
Manual Integrations
APPROVED

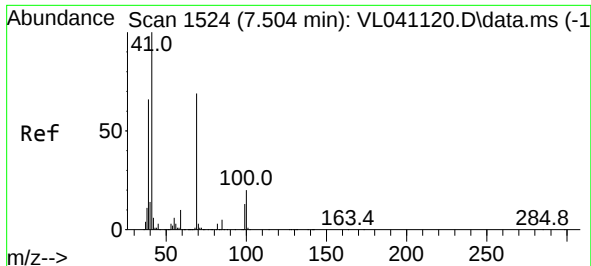
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#42
Bromodichloromethane
Concen: 10.963 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 83 Resp: 2214486
Ion Ratio Lower Upper
83 100
85 63.3 53.5 80.3
127 7.6 6.2 9.4





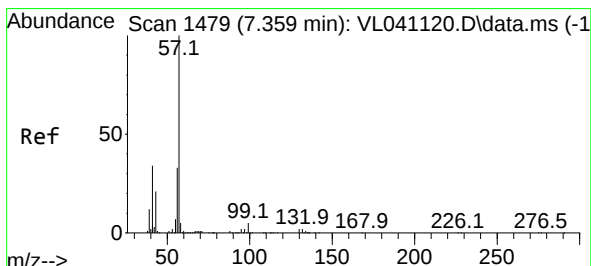
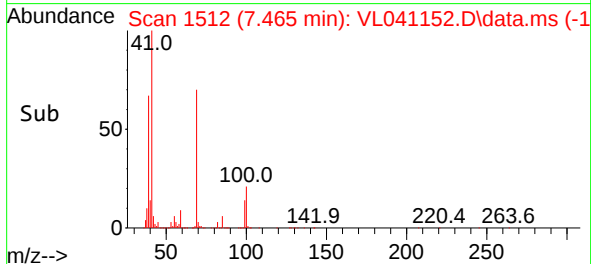
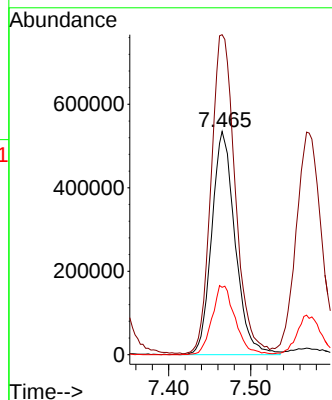
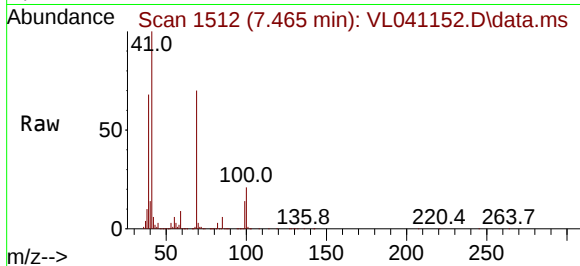
#43
Methyl Methacrylate
Concen: 11.808 ppbv
RT: 7.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1059090
Ion Ratio Lower Upper
69 100
41 147.6 119.2 178.8
100 30.6 24.6 37.0

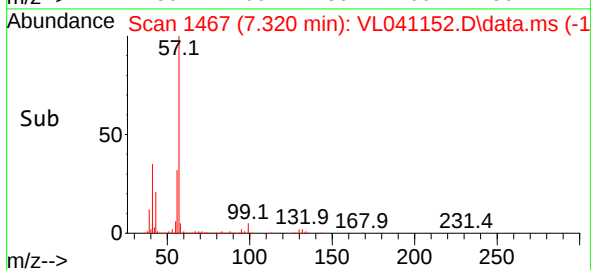
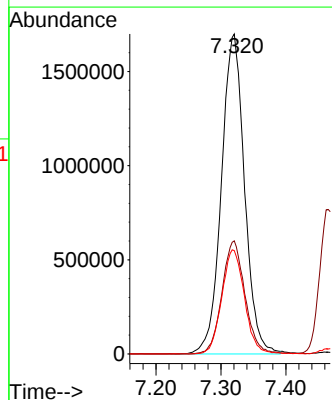
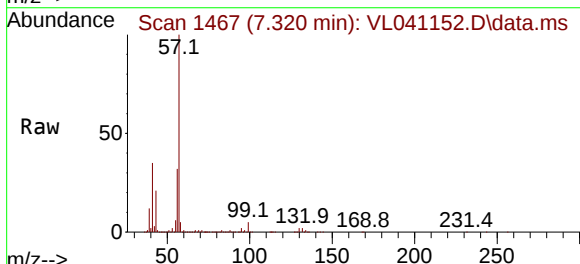
Manual Integrations
APPROVED

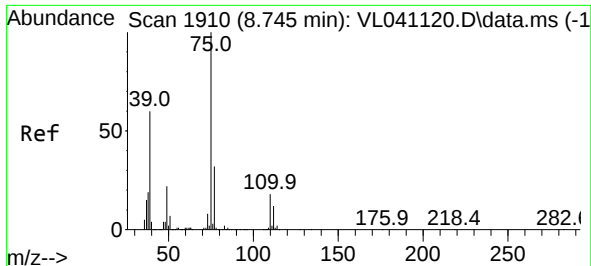
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#44
2,2,4-Trimethylpentane
Concen: 10.757 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 57 Resp: 4193292
Ion Ratio Lower Upper
57 100
41 35.2 28.2 42.2
56 32.1 25.2 37.8





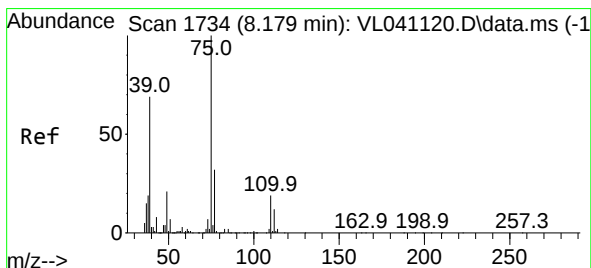
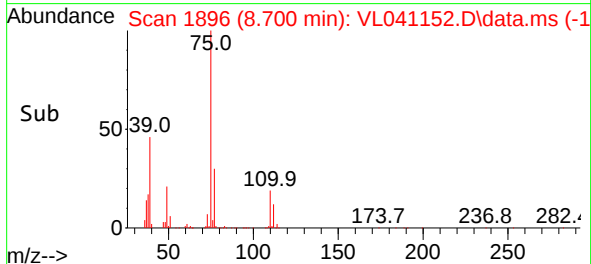
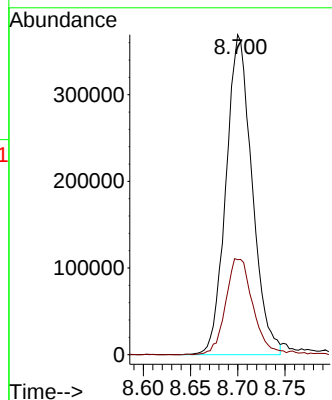
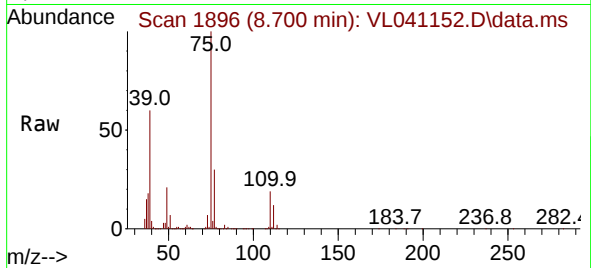
#45
t-1,3-Dichloropropene
Concen: 13.422 ppbv
RT: 8.700 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 70944
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2

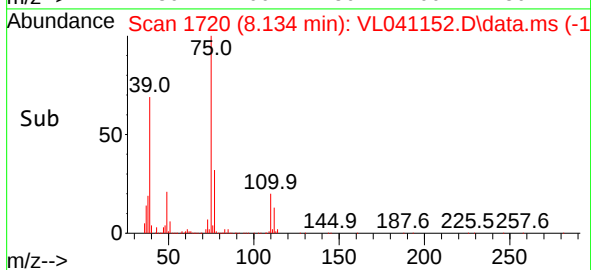
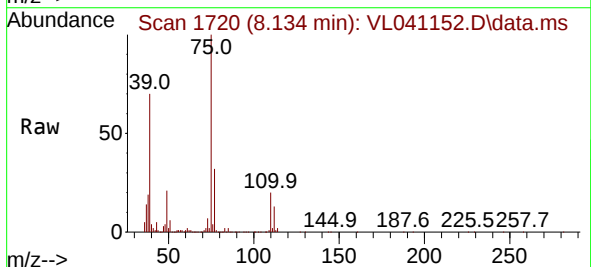
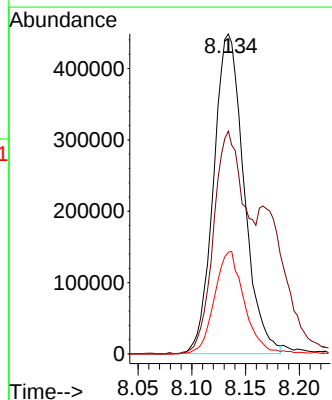
Manual Integrations
APPROVED

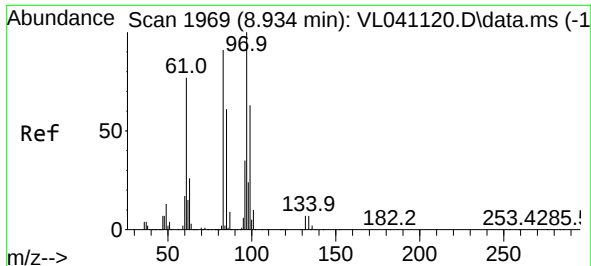
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#46
cis-1,3-Dichloropropene
Concen: 12.884 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 75 Resp: 881162
Ion Ratio Lower Upper
75 100
39 69.5 55.1 82.7
77 31.7 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.823 ppbv

RT: 8.890 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VL041152.D

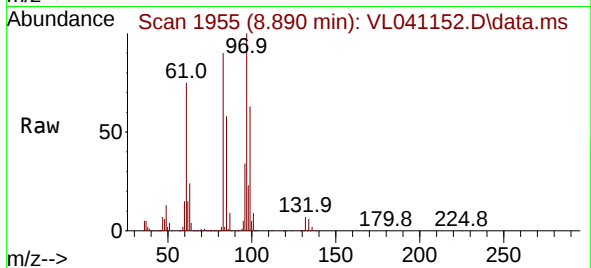
Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 1086070

Ion Ratio Lower Upper

97 100

83 90.3 72.9 109.3

85 57.5 49.1 73.7

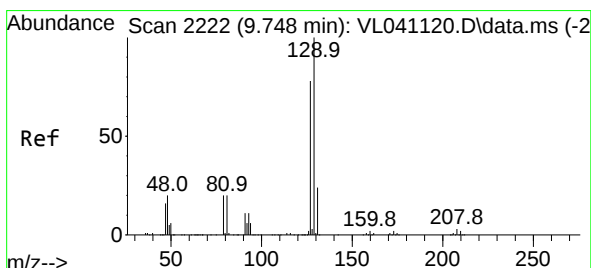
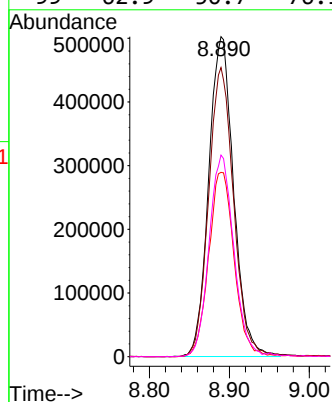
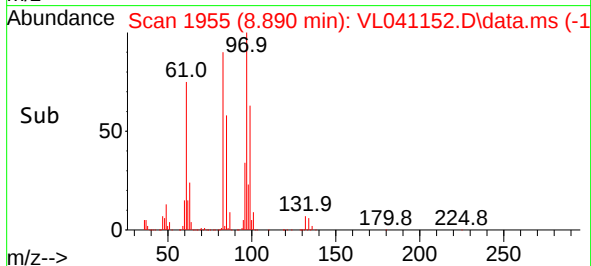
99 62.9 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#48

Dibromochloromethane

Concen: 11.753 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VL041152.D

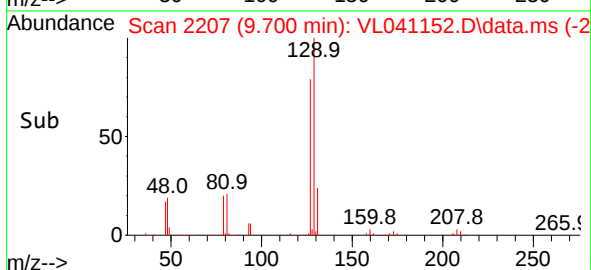
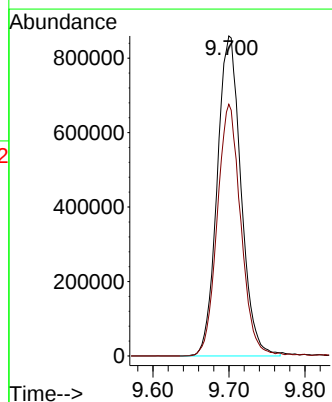
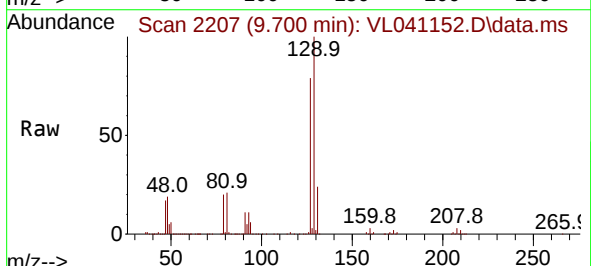
Acq: 23 Apr 2024 8:58

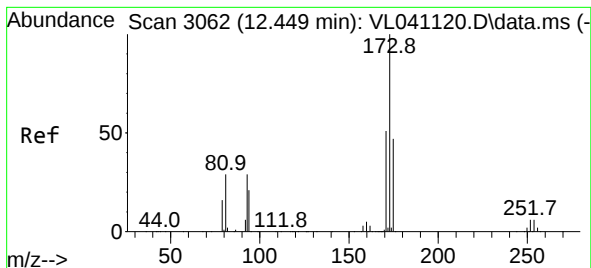
Tgt Ion:129 Resp: 1872199

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9





#49

Bromoform

Concen: 12.022 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 151721

Ion Ratio Lower Upper

173 100

175 50.1 39.4 59.0

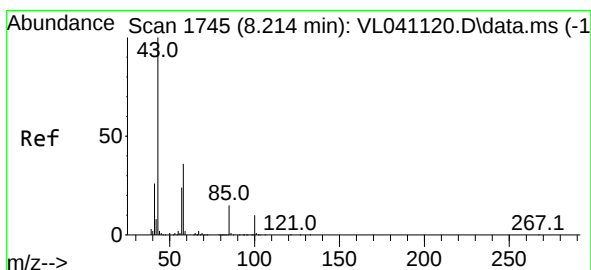
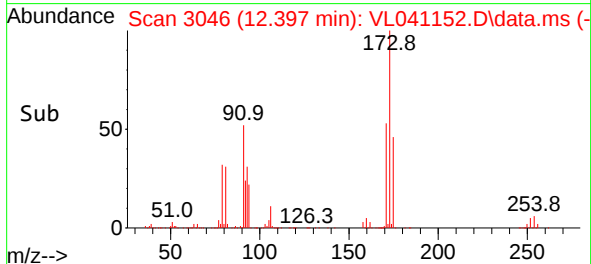
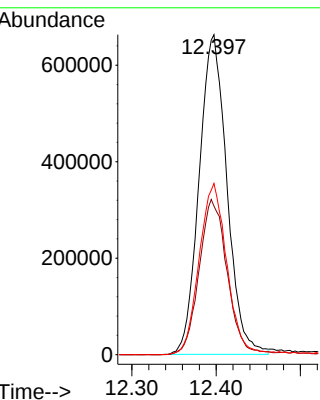
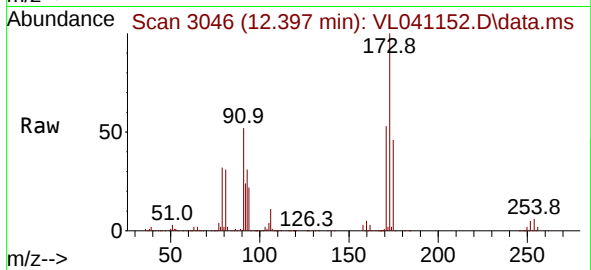
171 54.3 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#50

4-Methyl-2-Pentanone

Concen: 11.367 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041152.D

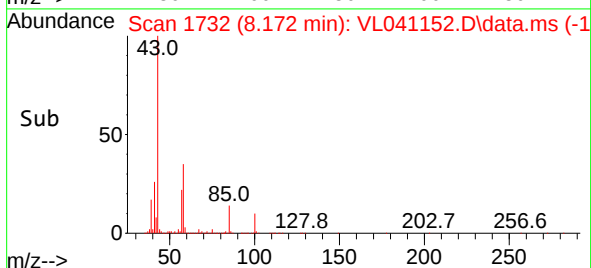
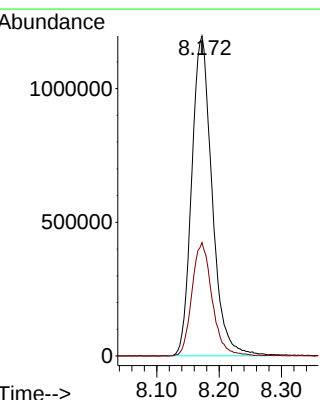
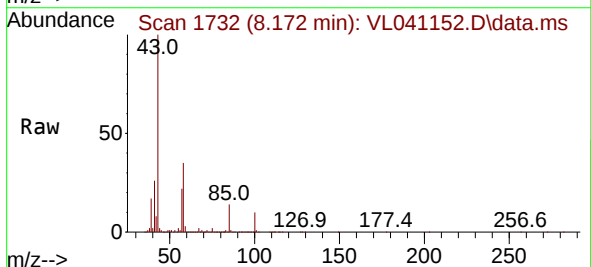
Acq: 23 Apr 2024 8:58

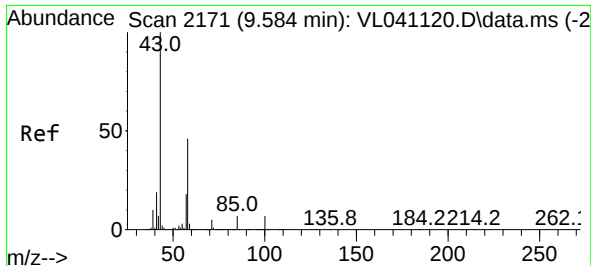
Tgt Ion: 43 Resp: 2714191

Ion Ratio Lower Upper

43 100

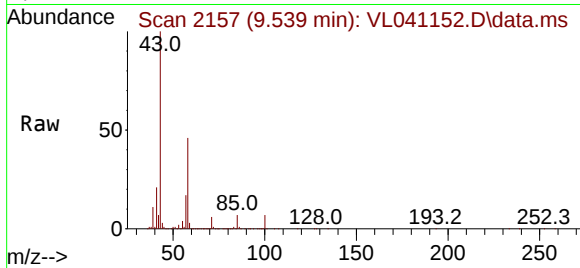
58 35.4 27.7 41.5





#51
2-Hexanone
Concen: 11.866 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

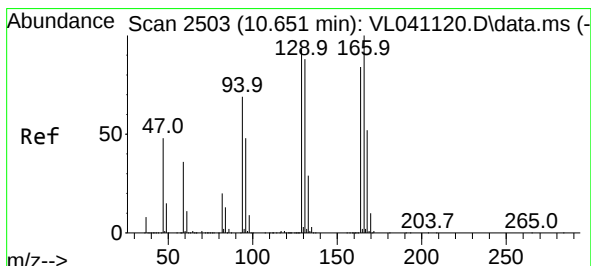
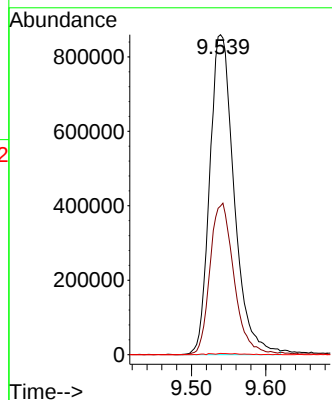
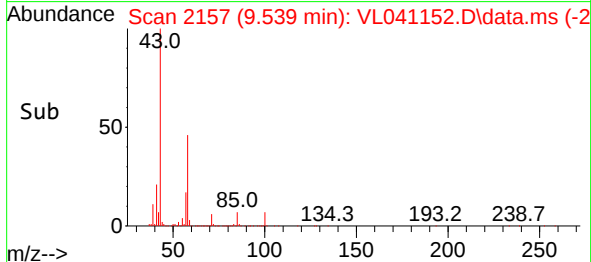
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



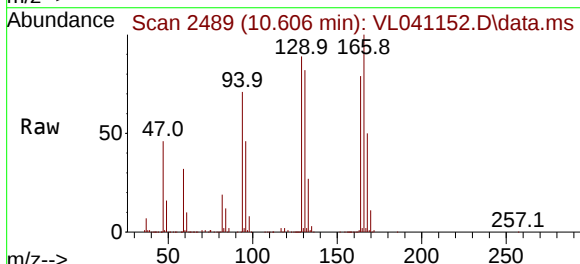
Tgt Ion: 43 Resp: 196458
Ion Ratio Lower Upper
43 100
58 47.4 37.3 55.9
98 0.5 0.3 0.5

Manual Integrations
APPROVED

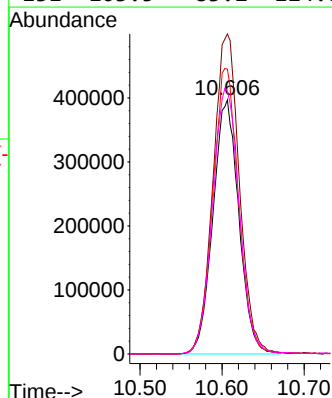
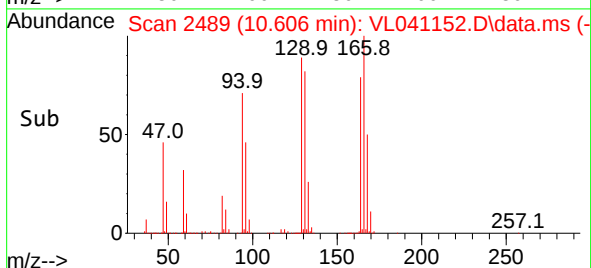
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

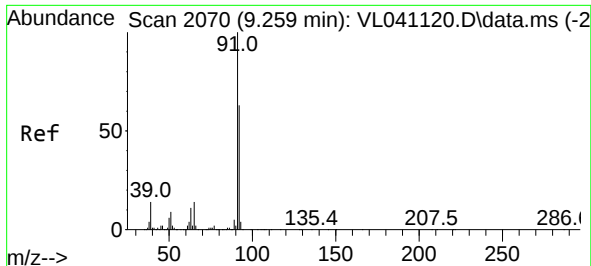


#52
Tetrachloroethene
Concen: 11.564 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



Tgt Ion:164 Resp: 868823
Ion Ratio Lower Upper
164 100
166 125.8 95.0 142.6
129 112.2 88.7 133.1
131 103.5 83.2 124.8





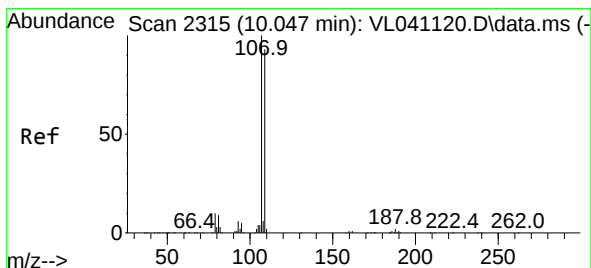
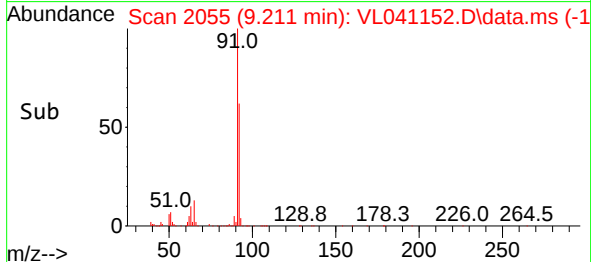
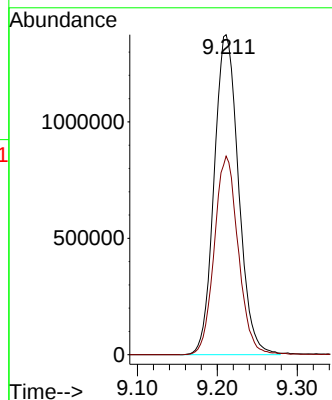
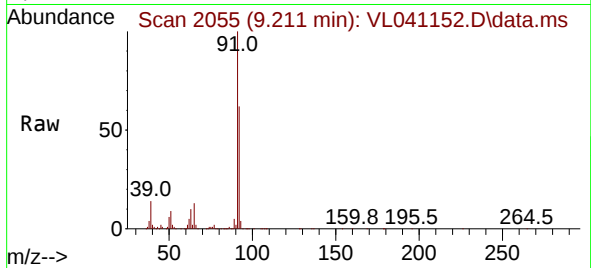
#53
Toluene
Concen: 11.727 ppbv
RT: 9.211 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 290770
Ion Ratio Lower Upper
91 100
92 61.2 49.0 73.4

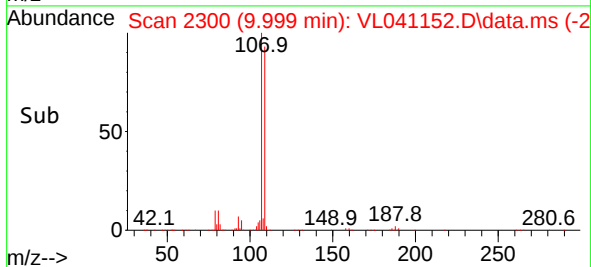
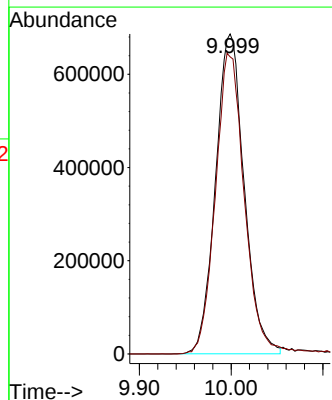
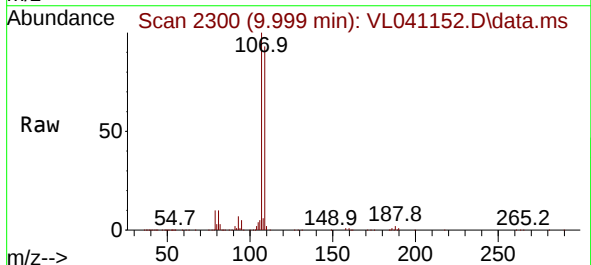
Manual Integrations
APPROVED

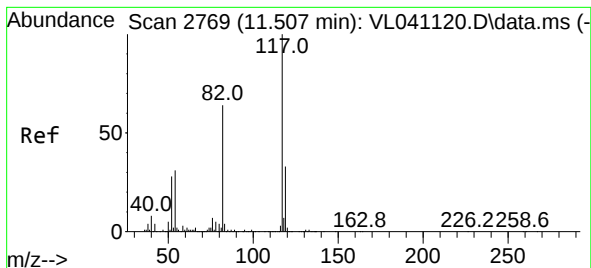
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#54
1,2-Dibromoethane
Concen: 11.892 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

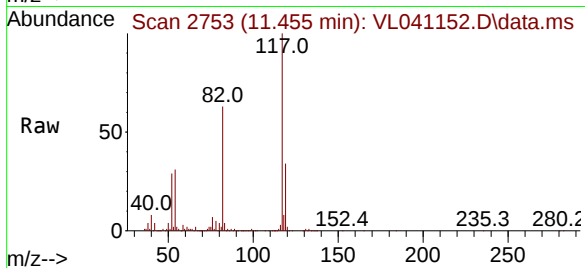
Tgt Ion:107 Resp: 1488299
Ion Ratio Lower Upper
107 100
109 92.8 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.455 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

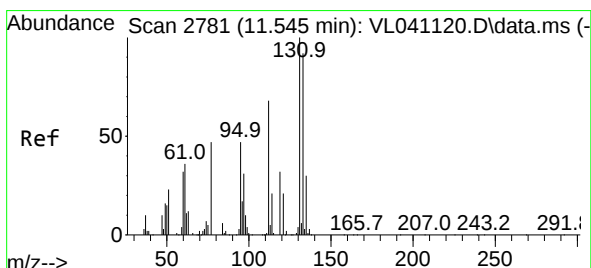
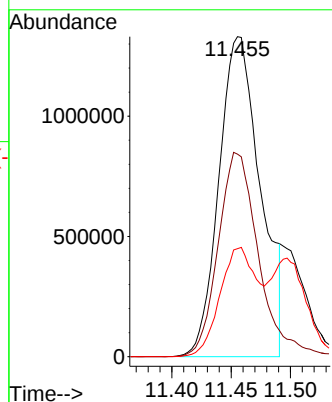
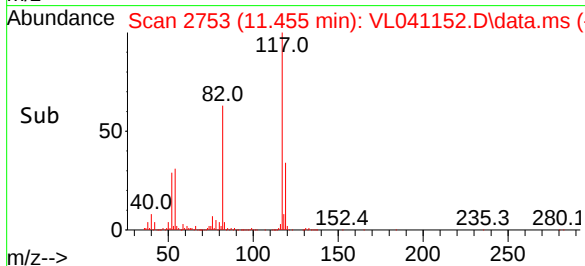
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



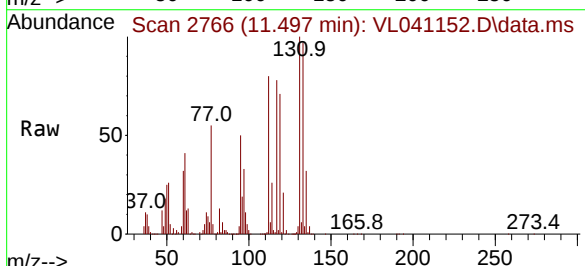
Tgt Ion:117 Resp: 323445
Ion Ratio Lower Upper
117 100
82 63.3 51.0 76.6
119 29.1 25.2 37.8

Manual Integrations
APPROVED

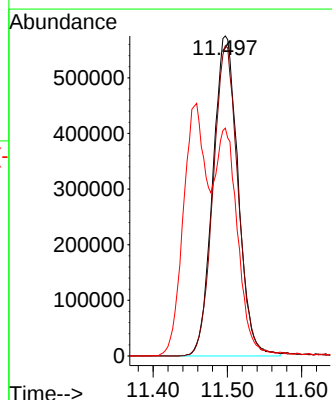
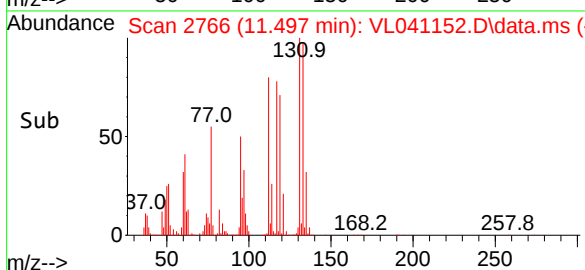
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

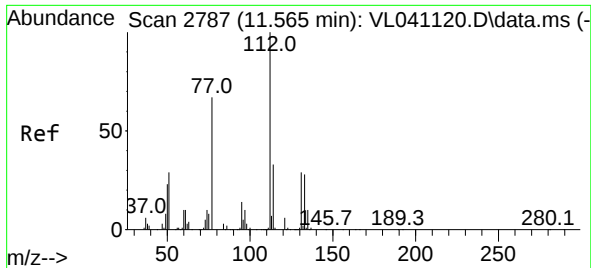


#56
1,1,1,2-Tetrachloroethane
Concen: 10.238 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



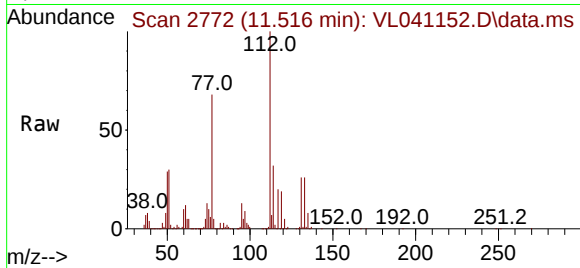
Tgt Ion:131 Resp: 1360951
Ion Ratio Lower Upper
131 100
133 96.8 76.6 115.0
119 64.2 49.9 74.9





#57
Chlorobenzene
Concen: 10.234 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

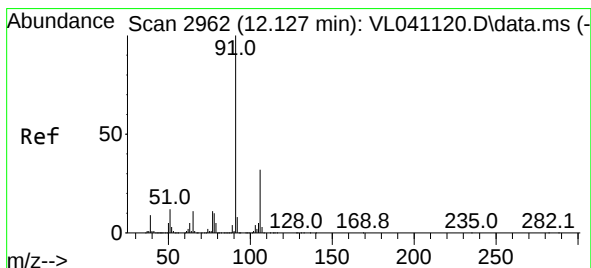
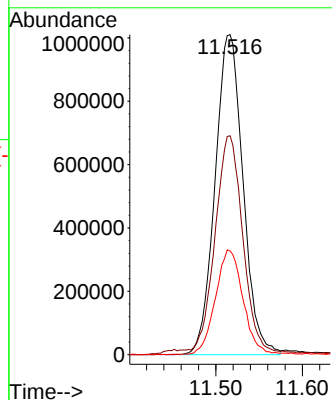
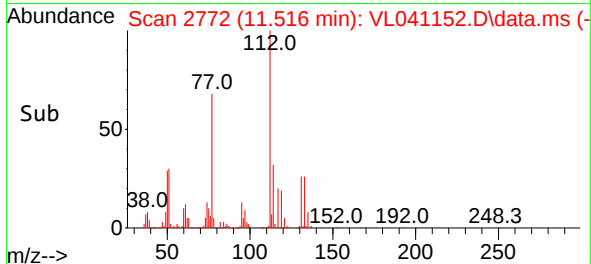
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 2265952
Ion Ratio Lower Upper
112 100
77 67.5 54.0 81.0
114 32.3 29.3 35.9

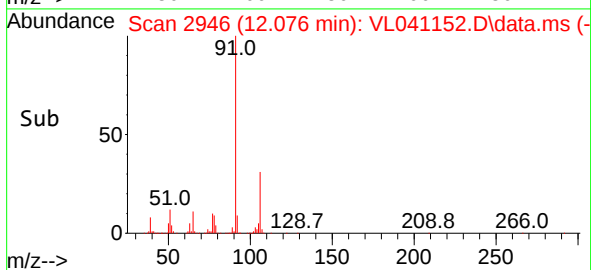
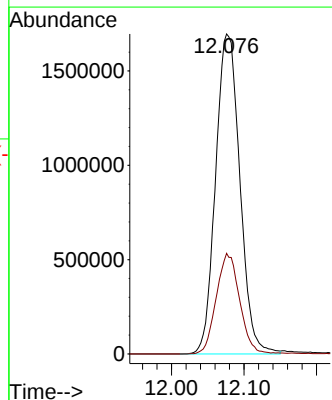
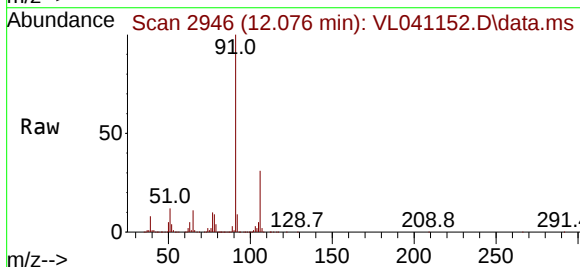
Manual Integrations
APPROVED

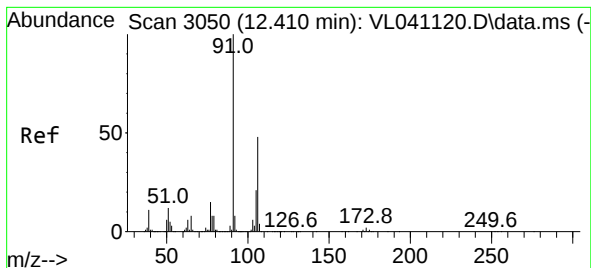
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#58
Ethyl Benzene
Concen: 11.147 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 91 Resp: 3947158
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4





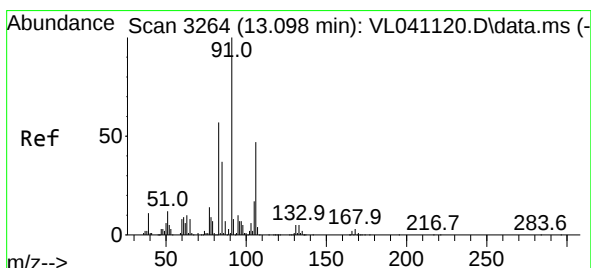
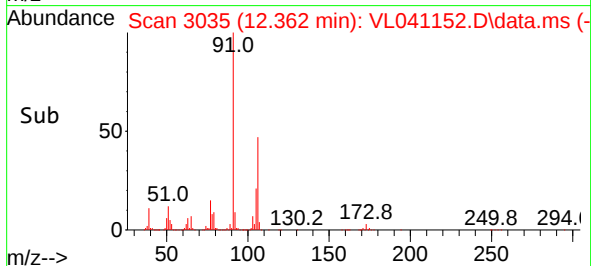
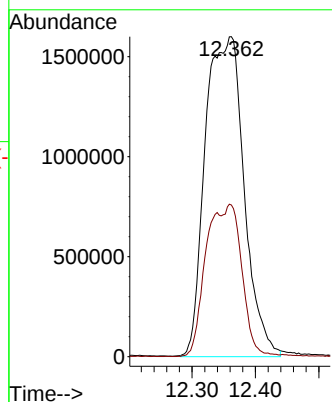
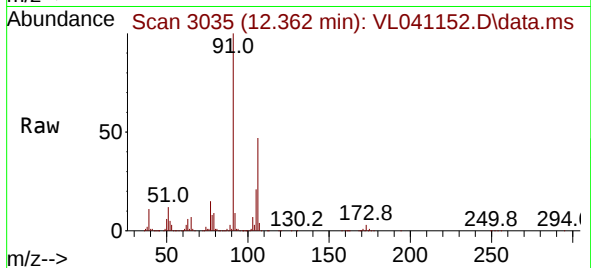
#59
m/p-Xylene
Concen: 21.233 ppbv m
RT: 12.362 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6790479
Ion Ratio Lower Upper
91 100
106 44.3 35.4 53.2

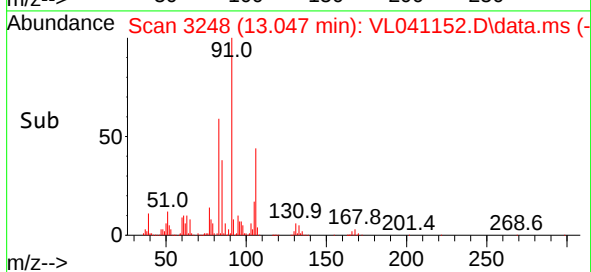
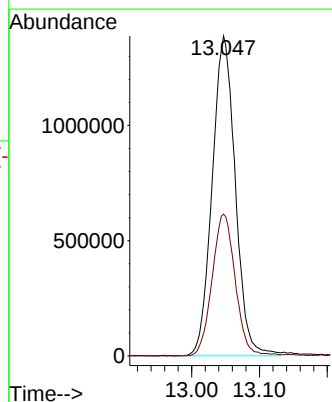
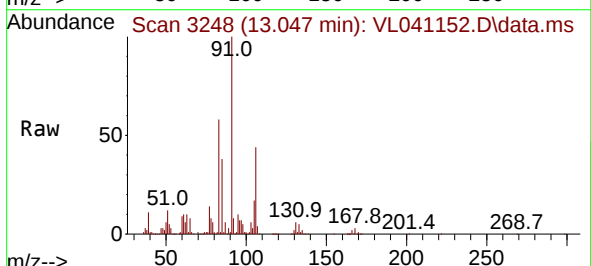
Manual Integrations
APPROVED

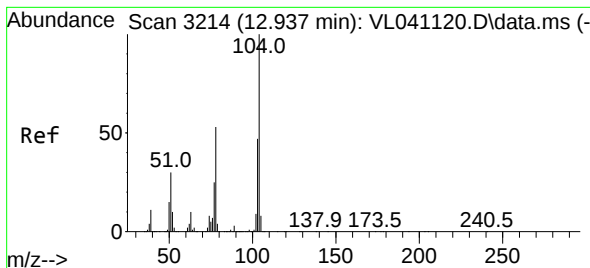
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#60
o-Xylene
Concen: 10.850 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 91 Resp: 3287859
Ion Ratio Lower Upper
91 100
106 44.7 22.9 68.5





#61

Styrene

Concen: 12.249 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 164463

Ion Ratio Lower Upper

104 100

78 53.9 43.3 64.9

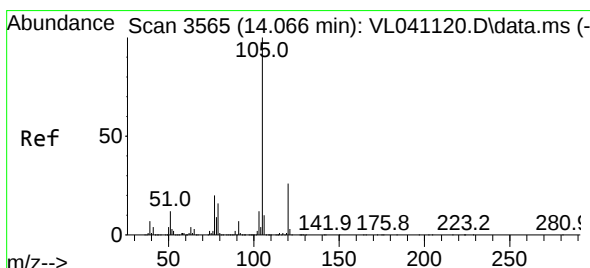
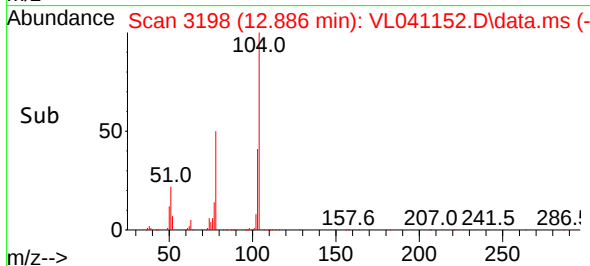
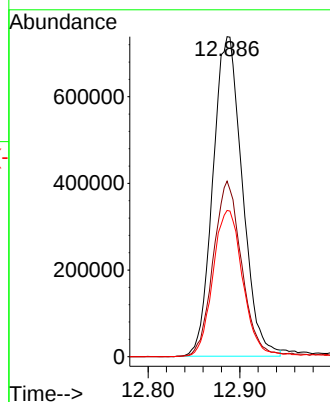
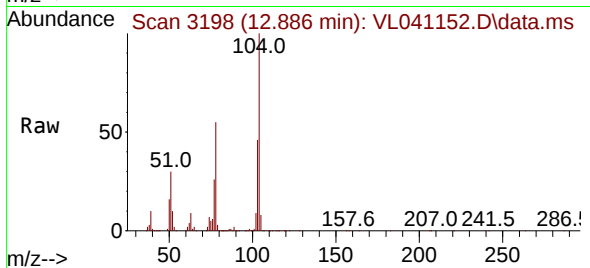
103 47.2 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#62

Isopropylbenzene

Concen: 10.510 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.000 min

Lab File: VL041152.D

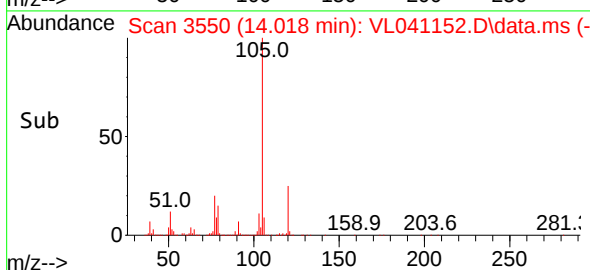
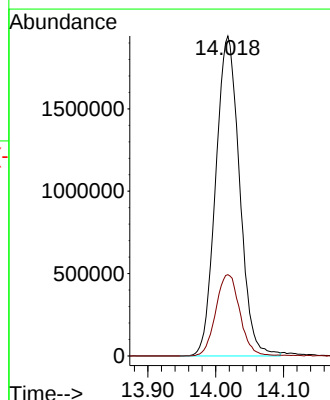
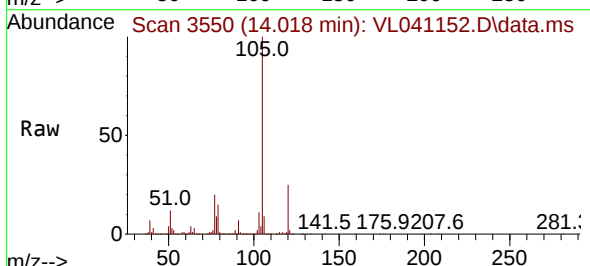
Acq: 23 Apr 2024 8:58

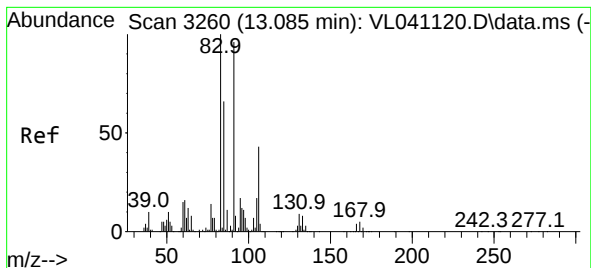
Tgt Ion:105 Resp: 4741203

Ion Ratio Lower Upper

105 100

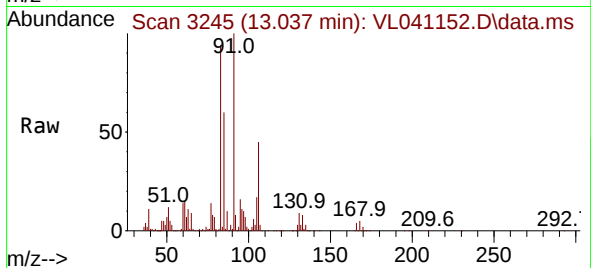
120 25.9 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.362 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

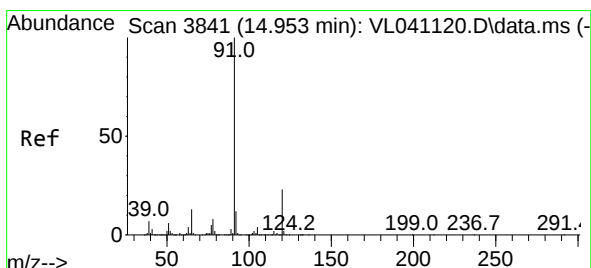
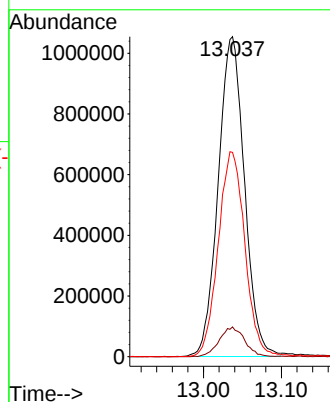
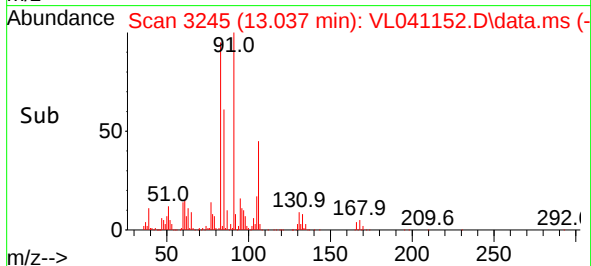
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



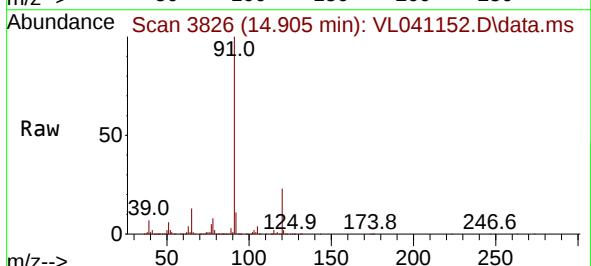
Tgt Ion: 83 Resp: 246714
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 65.4 33.1 99.2

Manual Integrations
APPROVED

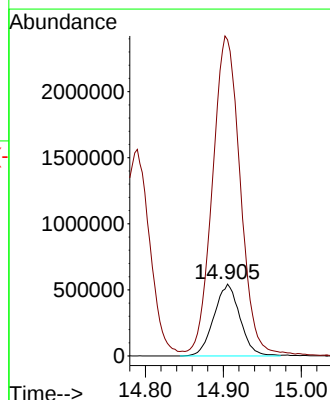
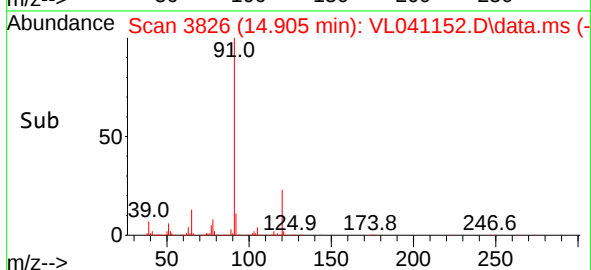
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

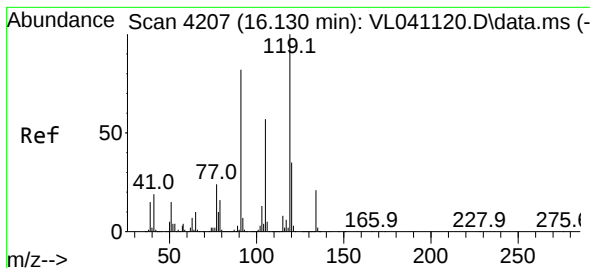


#64
n-propylbenzene
Concen: 11.094 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



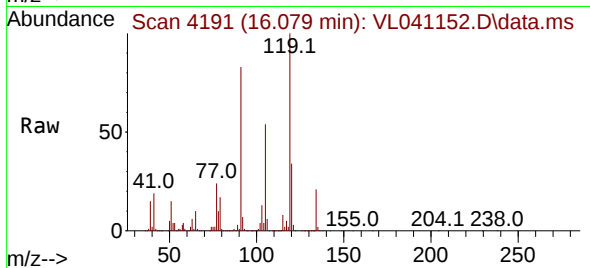
Tgt Ion:120 Resp: 1255994
Ion Ratio Lower Upper
120 100
91 481.0 395.0 592.6





#65
tert-Butylbenzene
Concen: 10.792 ppbv
RT: 16.079 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

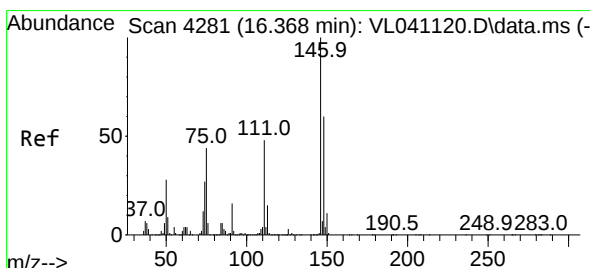
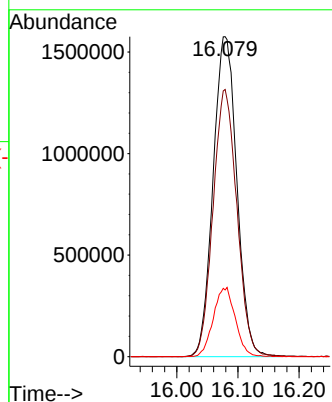
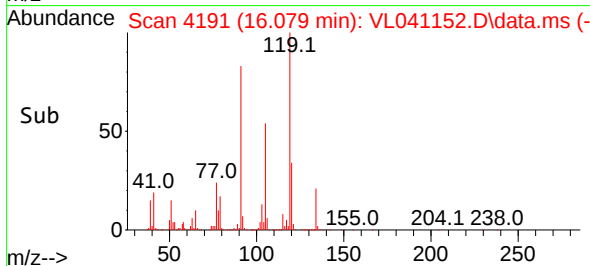
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



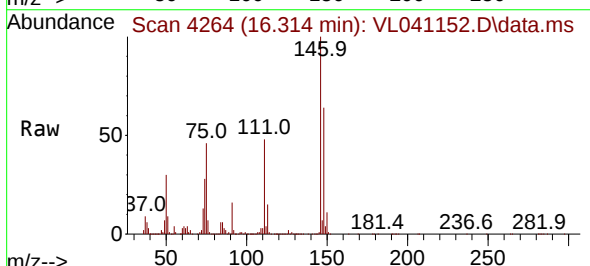
Tgt Ion:119 Resp: 4250200
Ion Ratio Lower Upper
119 100
91 83.9 67.8 101.8
134 20.1 16.0 24.0

Manual Integrations
APPROVED

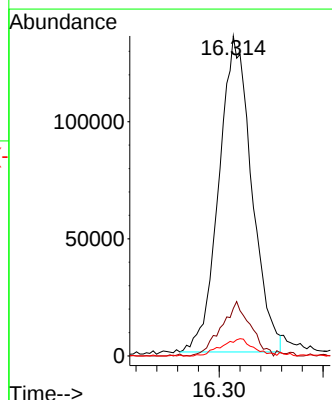
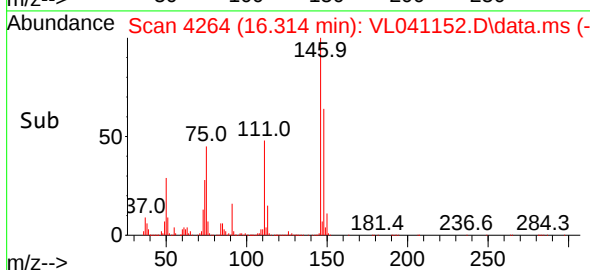
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

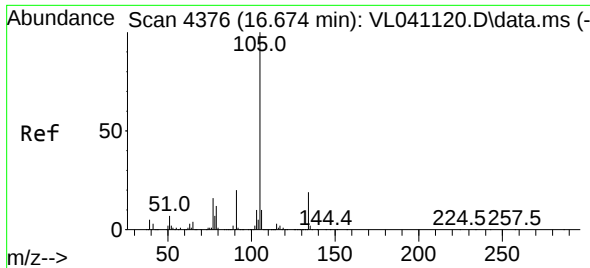


#66
Benzyl Chloride
Concen: 11.427 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58



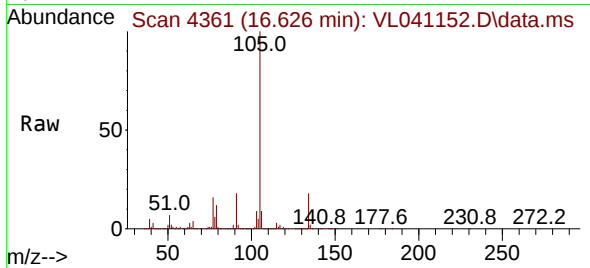
Tgt Ion: 91 Resp: 296104
Ion Ratio Lower Upper
91 100
126 16.0 13.4 20.2
128 5.7 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 10.518 ppbv
 RT: 16.626 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58

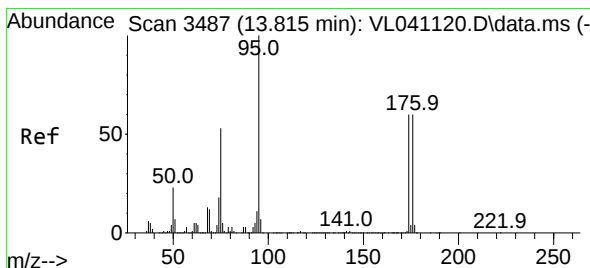
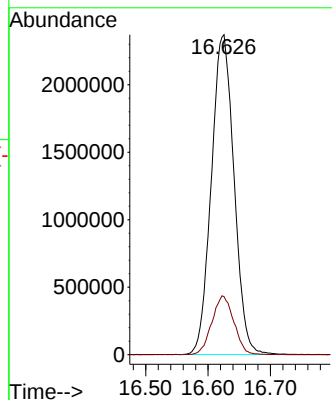
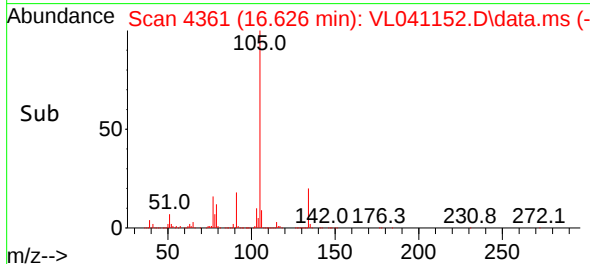
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



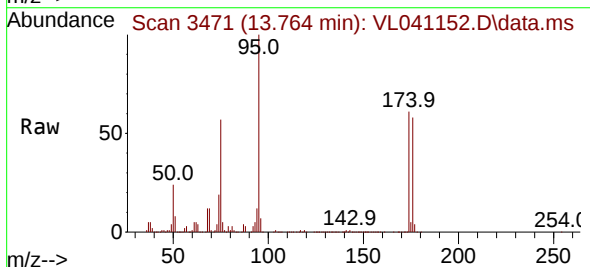
Tgt Ion:105 Resp: 598444
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

Manual Integrations
 APPROVED

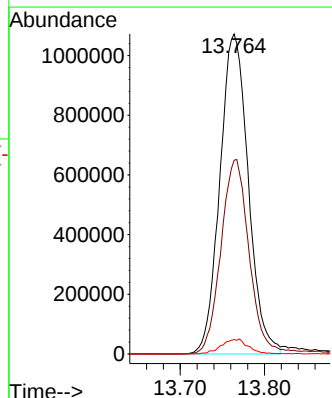
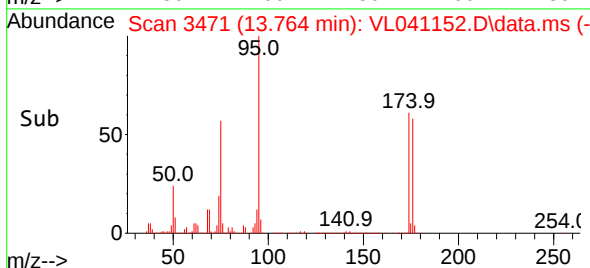
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

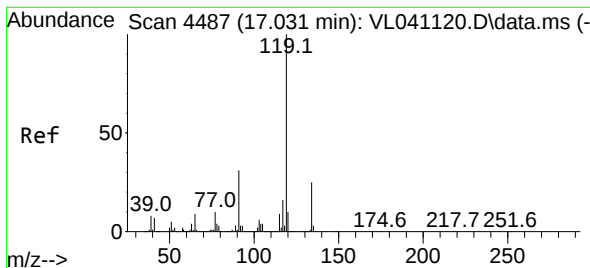


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.646 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL041152.D
 Acq: 23 Apr 2024 8:58



Tgt Ion: 95 Resp: 2508712
 Ion Ratio Lower Upper
 95 100
 174 61.5 49.3 73.9
 175 4.5 3.6 5.4





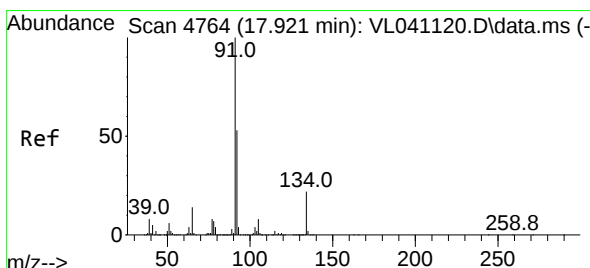
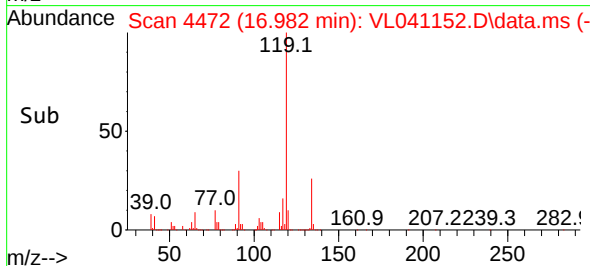
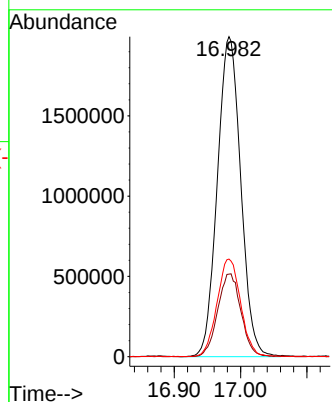
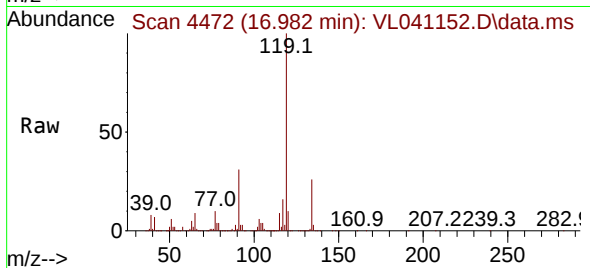
#69
p-Isopropyltoluene
Concen: 10.992 ppbv
RT: 16.982 min Scan# 4487
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 487736
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 30.8 24.8 37.2

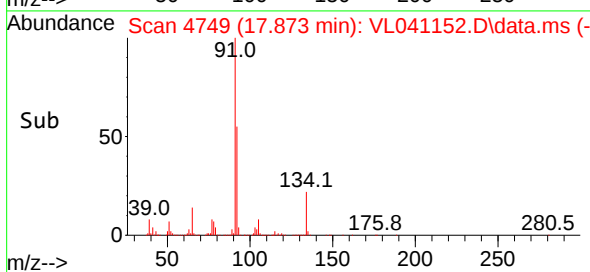
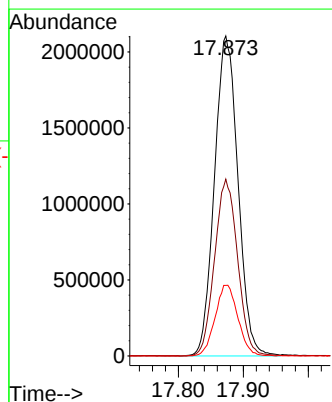
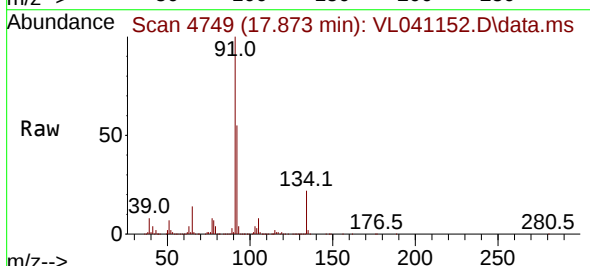
Manual Integrations
APPROVED

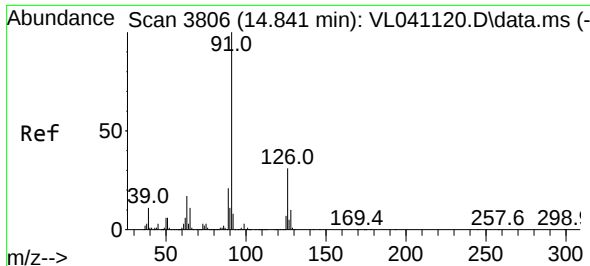
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#70
n-Butylbenzene
Concen: 10.963 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion: 91 Resp: 5284686
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.5 17.1 25.7





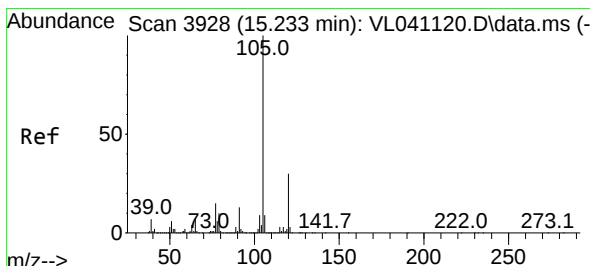
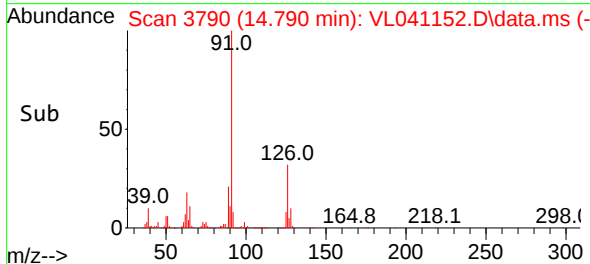
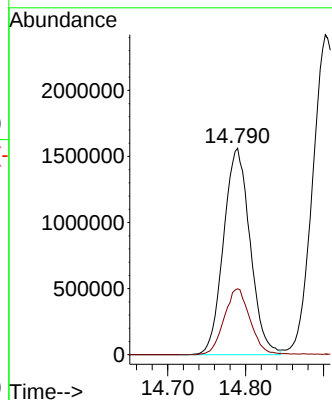
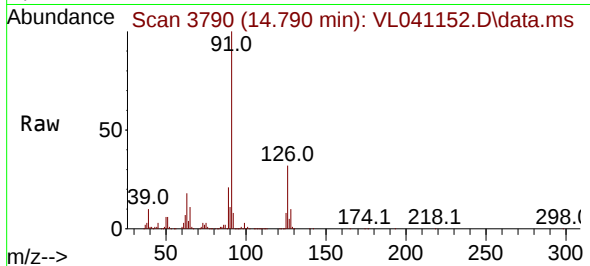
#71
2-Chlorotoluene
Concen: 10.681 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3695610
Ion Ratio Lower Upper
91 100
126 31.7 12.5 50.1

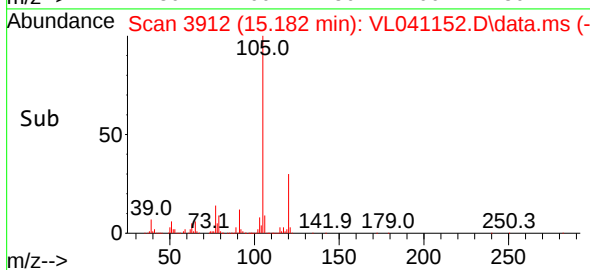
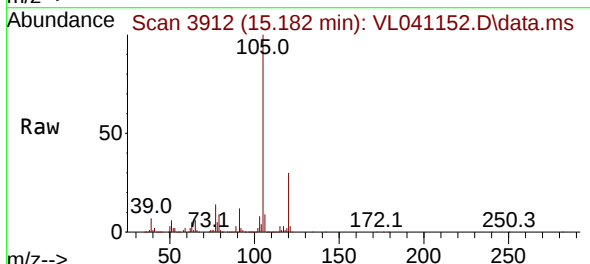
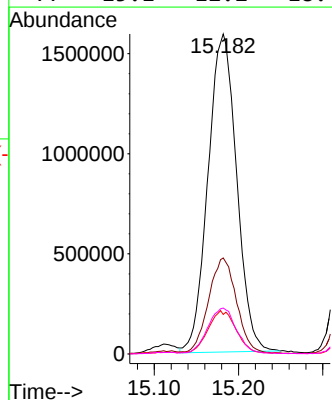
Manual Integrations
APPROVED

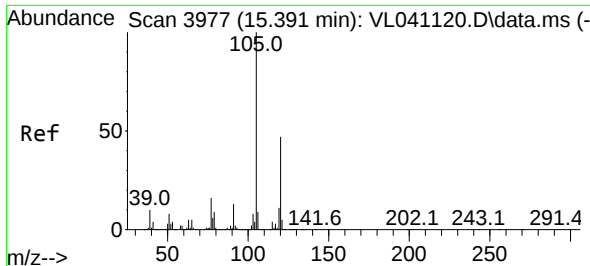
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#72
4-Ethyltoluene
Concen: 11.085 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

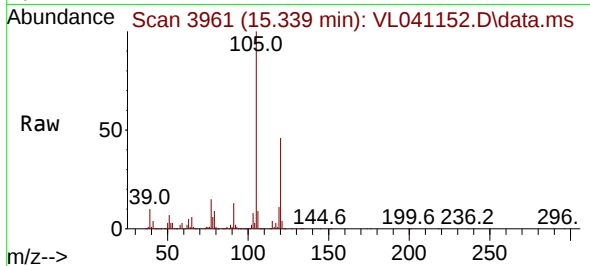
Tgt Ion:105 Resp: 3751702
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 14.3 11.2 16.8
77 15.1 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.935 ppbv
RT: 15.339 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

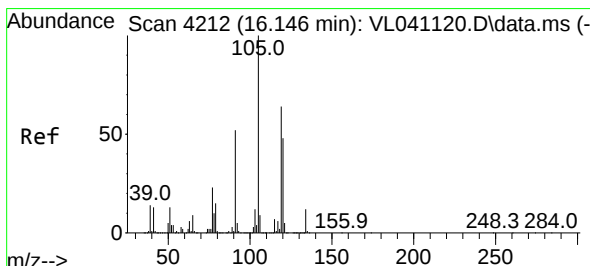
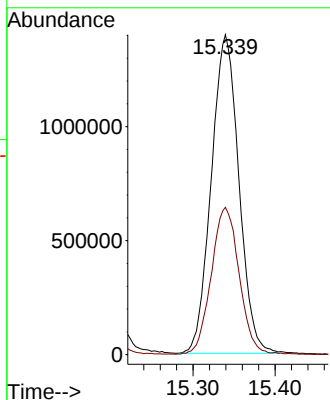
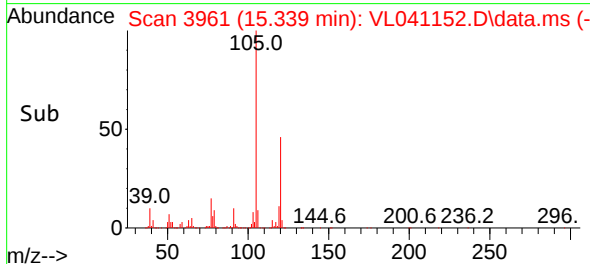
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 3263970
Ion Ratio Lower Upper
105 100
120 46.0 37.8 56.8

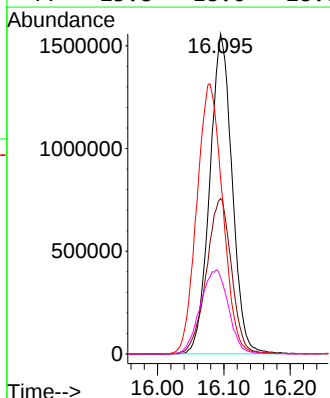
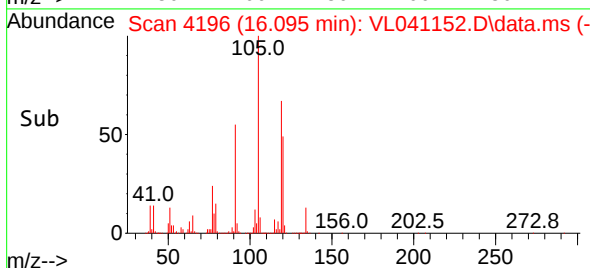
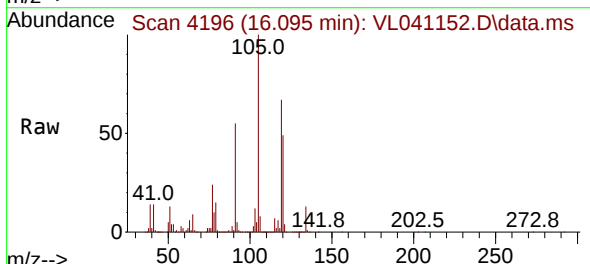
Manual Integrations
APPROVED

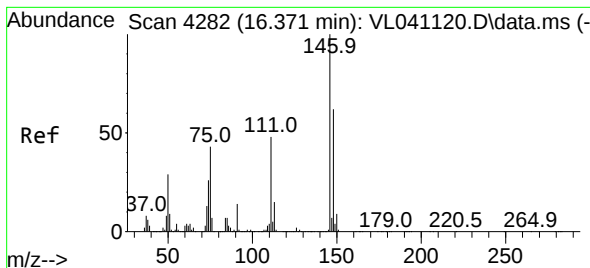
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#74
1,2,4-Trimethylbenzene
Concen: 10.694 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion:105 Resp: 3653199
Ion Ratio Lower Upper
105 100
120 48.4 38.9 58.3
91 54.7 43.0 64.6
77 23.8 18.6 28.0





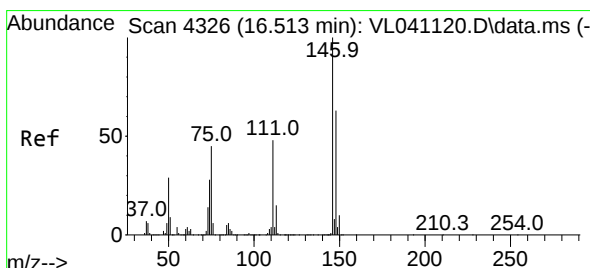
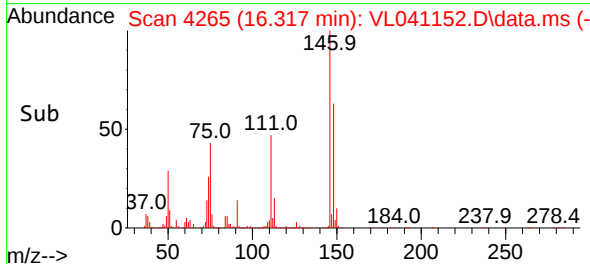
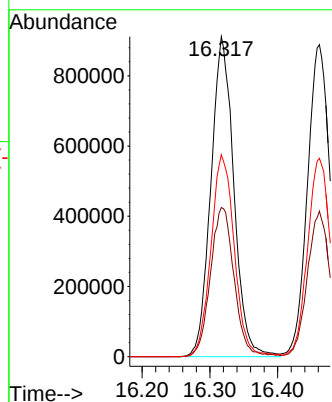
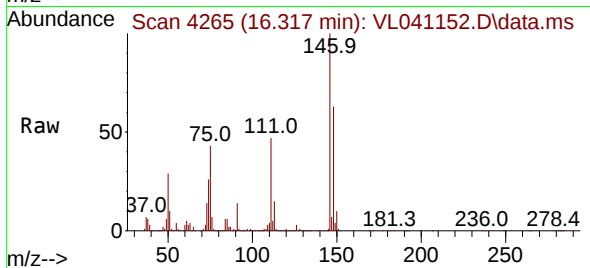
#75
1,3-Dichlorobenzene
Concen: 10.726 ppbv
RT: 16.317 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 213936
Ion Ratio Lower Upper
146 100
111 48.1 24.1 72.4
148 64.4 32.0 96.2

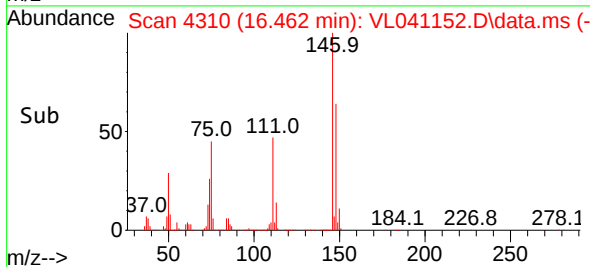
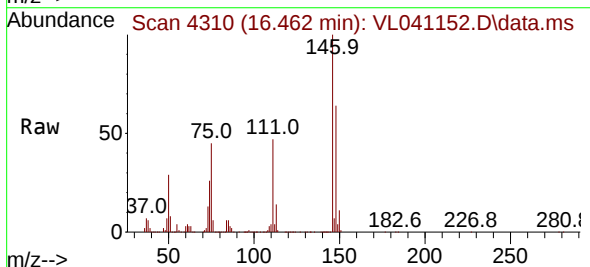
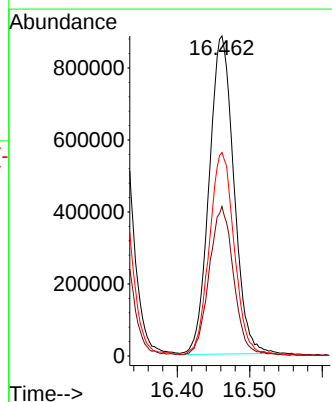
Manual Integrations
APPROVED

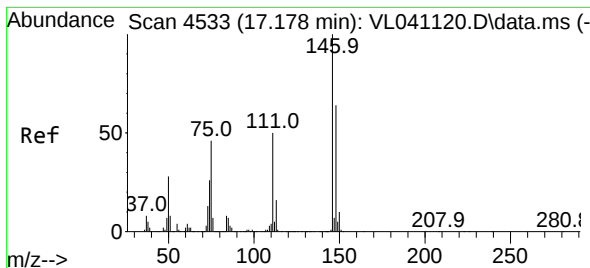
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#76
1,4-Dichlorobenzene
Concen: 10.788 ppbv
RT: 16.462 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL041152.D
Acq: 23 Apr 2024 8:58

Tgt Ion:146 Resp: 2092934
Ion Ratio Lower Upper
146 100
111 46.5 24.1 72.3
148 65.2 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 10.774 ppbv

RT: 17.134 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041152.D

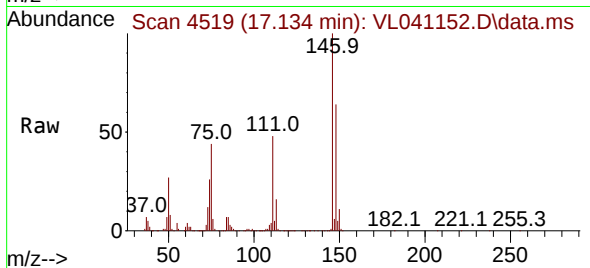
Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 2086630

Ion Ratio Lower Upper

146 100

111 49.8 25.1 75.3

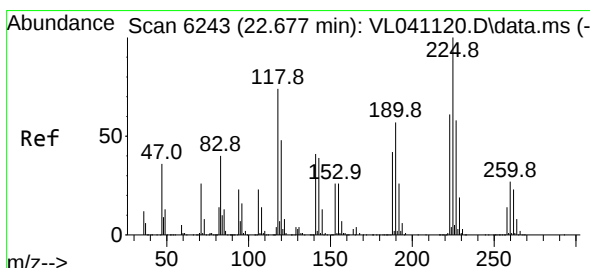
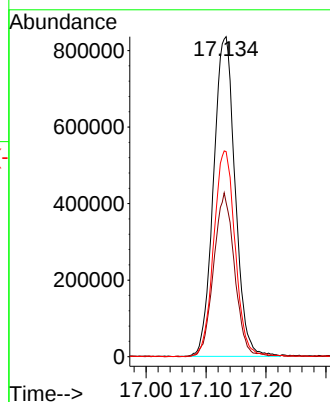
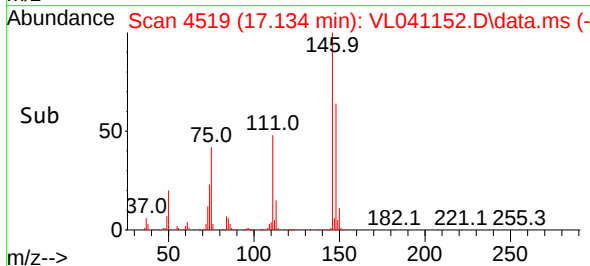
148 64.0 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.714 ppbv

RT: 22.616 min Scan# 6224

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

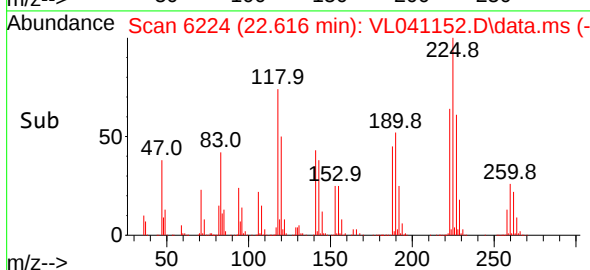
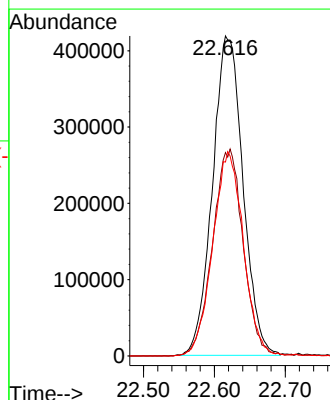
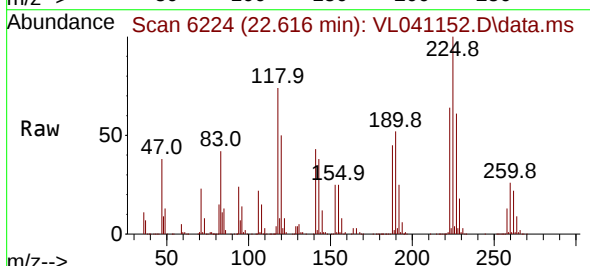
Tgt Ion:225 Resp: 1250797

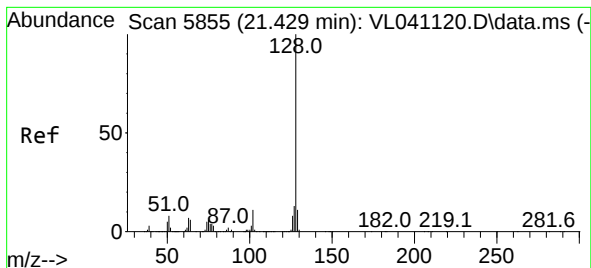
Ion Ratio Lower Upper

225 100

223 65.7 50.9 76.3

227 64.6 51.3 76.9





#79

Naphthalene

Concen: 13.940 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 305508

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

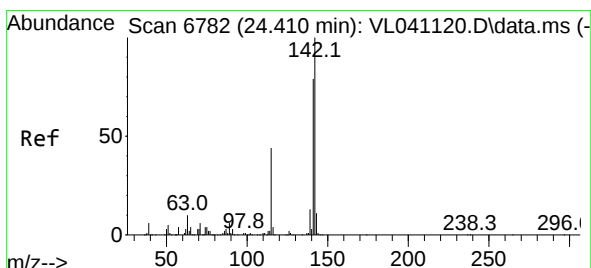
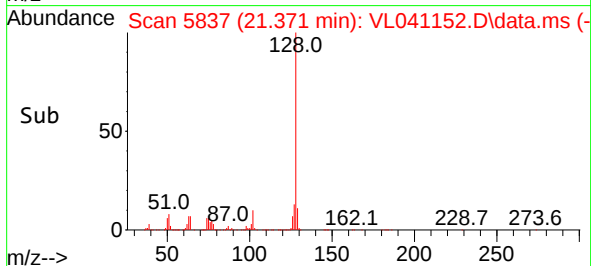
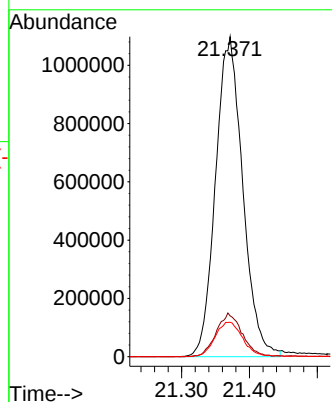
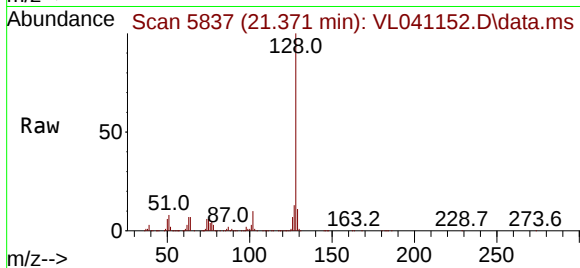
129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#80

Naphthalene,2-methyl-

Concen: 15.115 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.000 min

Lab File: VL041152.D

Acq: 23 Apr 2024 8:58

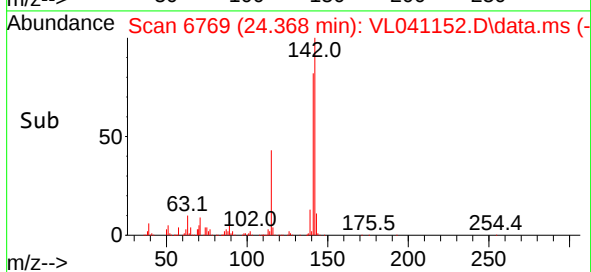
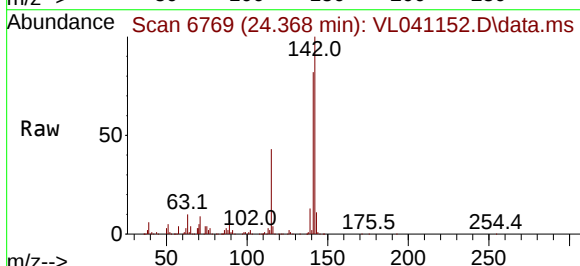
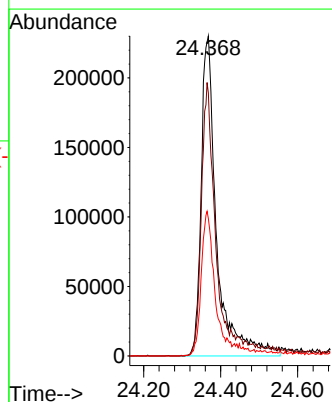
Tgt Ion:142 Resp: 645297

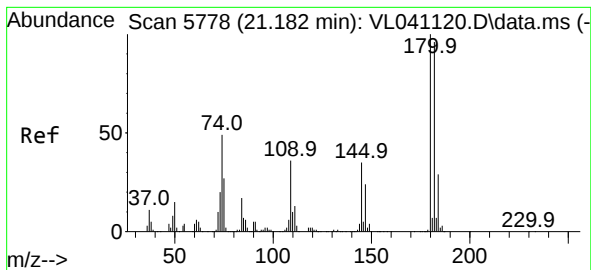
Ion Ratio Lower Upper

142 100

141 80.8 64.4 96.6

115 40.0 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 11.980 ppbv

RT: 21.127 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041152.D

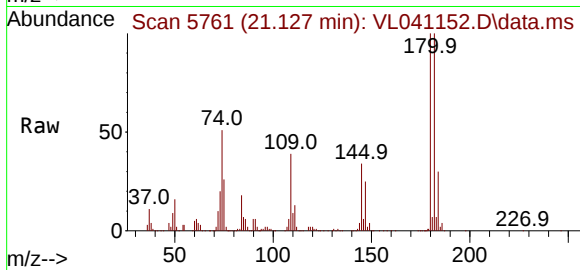
Acq: 23 Apr 2024 8:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1471830

Ion Ratio Lower Upper

180 100

182 98.2 77.4 116.2

184 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024

