

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041632.D
 Acq On : 26 Sep 2024 7:48
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 08:38:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1045896	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2863689	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2696252m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 2035665 10.256 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1086381	7.193	ppbv	99
3) Chlorodifluoromethane	2.648	51	1287385	10.148	ppbv	99
4) Chloromethane	2.787	50	702471	10.068	ppbv	97
5) Vinyl Chloride	2.896	62	706299	11.691	ppbv	99
6) Bromomethane	3.095	94	264453	8.798	ppbv	95
7) Chloroethane	3.172	64	250759	10.672	ppbv	98
8) Dichlorotetrafluoroethane	2.832	85	1664390	10.505	ppbv	100
9) Propene	2.668	41	600954	11.231	ppbv	99
10) Heptane	7.565	43	1468165	11.719	ppbv	99
11) Trichlorofluoromethane	3.539	101	1619799	10.078	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1212450	10.415	ppbv	100
13) Ethanol	3.221	45	29096m	7.233	ppbv	
14) Bromoethene	3.343	108	501484	11.361	ppbv	98
15) Acetone	3.443	43	1212416	9.234	ppbv	100
16) 1,3-Butadiene	2.960	39	677423	10.607	ppbv	100
17) tert-Butyl alcohol	3.857	59	1253704	10.857	ppbv	99
18) 1,1-Dichloroethene	3.857	96	529931	10.754	ppbv	98
19) Isopropyl Alcohol	3.552	45	677412	10.078	ppbv	99
20) Methylene Chloride	3.912	84	452360	9.170	ppbv	93
21) Allyl Chloride	3.976	41	844648	11.098	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	534237	10.867	ppbv	98
23) Vinyl Acetate	4.607	43	904728	12.527	ppbv #	98
24) 1,1-Dichloroethane	4.542	63	1176205	10.850	ppbv	99
25) Ethyl Acetate	5.185	43	2627752	11.148	ppbv	99
26) Hexane	5.195	57	1097083	11.160	ppbv	97
27) Carbon Disulfide	4.102	76	1293140	12.375	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	685381	11.308	ppbv	98
29) Chloroform	5.256	83	1698119	10.556	ppbv	95
30) Cyclohexane	6.587	84	910879	12.020	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	1042806	11.174	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	1667581	11.638	ppbv	99
34) 2-Butanone	4.767	43	1318783	9.658	ppbv	100
35) Carbon Tetrachloride	6.478	117	1715596	12.210	ppbv	98
36) Benzene	6.356	78	2305598	11.593	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1277029	11.067	ppbv	99
38) Trichloroethene	7.278	130	1170492	11.429	ppbv	97
39) 1,2-Dichloropropane	7.060	63	894453	11.055	ppbv	99
40) 1,4-Dioxane	7.272	88	377445	12.376	ppbv #	96
41) Tetrahydrofuran	5.539	42	923625	12.291	ppbv	100
42) Bromodichloromethane	7.237	83	1822620	11.353	ppbv	100
43) Methyl Methacrylate	7.462	69	897460	12.610	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3918677	11.389	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	683353	11.909	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

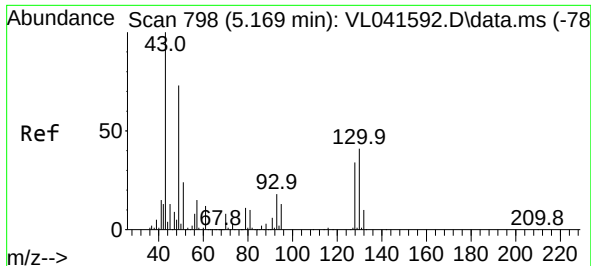
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

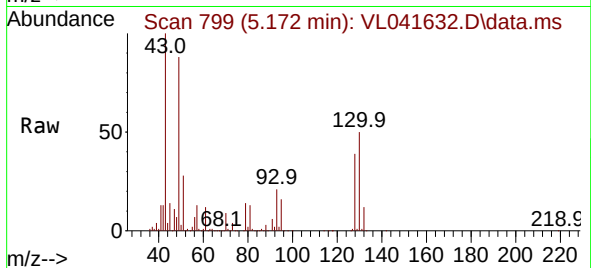
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	998442	11.877	ppbv	99
47) 1,1,2-Trichloroethane	8.886	97	949486	11.053	ppbv	99
48) Dibromochloromethane	9.700	129	1541418	11.843	ppbv	99
49) Bromoform	12.397	173	1334389	11.943	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2561701	12.148	ppbv	100
51) 2-Hexanone	9.539	43	2035827	12.763	ppbv	100
52) Tetrachloroethene	10.603	164	843817	11.717	ppbv	99
53) Toluene	9.208	91	2654705	12.575	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1260557	11.916	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	1156633	10.987	ppbv	100
57) Chlorobenzene	11.519	112	2045007	10.520	ppbv	98
58) Ethyl Benzene	12.079	91	3552401	12.308	ppbv	99
59) m/p-Xylene	12.362	91	6017557m	23.425	ppbv	
60) o-Xylene	13.050	91	2892079	11.742	ppbv	100
61) Styrene	12.889	104	1398140	13.588	ppbv	100
62) Isopropylbenzene	14.021	105	4200430	11.257	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1509931	11.991	ppbv	99
64) n-propylbenzene	14.908	120	1124454	11.669	ppbv	100
65) tert-Butylbenzene	16.082	119	3757704	10.986	ppbv	100
66) Benzyl Chloride	16.320	91	209775	11.798	ppbv	98
67) sec-Butylbenzene	16.625	105	5272388	11.111	ppbv	100
69) p-Isopropyltoluene	16.989	119	4400271	11.456	ppbv	100
70) n-Butylbenzene	17.876	91	4506796	11.200	ppbv	100
71) 2-Chlorotoluene	14.793	91	3142069	11.445	ppbv	99
72) 4-Ethyltoluene	15.185	105	3448647	11.979	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2940637	11.567	ppbv	97
74) 1,2,4-Trimethylbenzene	16.098	105	3257774	10.948	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	1961326	10.518	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1903666	10.653	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1900904	10.325	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1352047m	8.903	ppbv	
79) Naphthalene	21.374	128	2670153	12.193	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	1023004	6.667	ppbv	100
81) 1,2,4-Trichlorobenzene	21.130	180	1415504	10.167	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

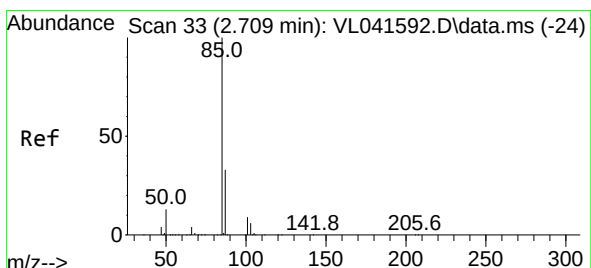
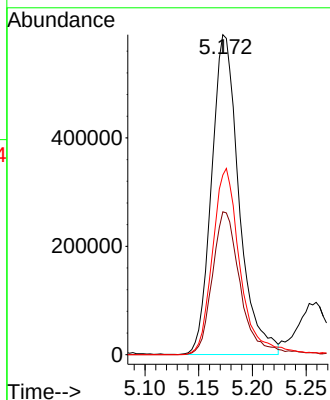
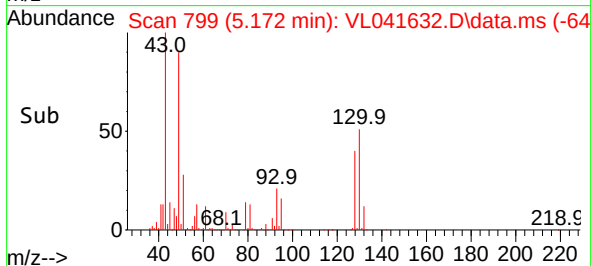
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1045890
Ion Ratio Lower Upper
49 100
128 46.2 23.8 71.5
130 59.9 30.4 91.3

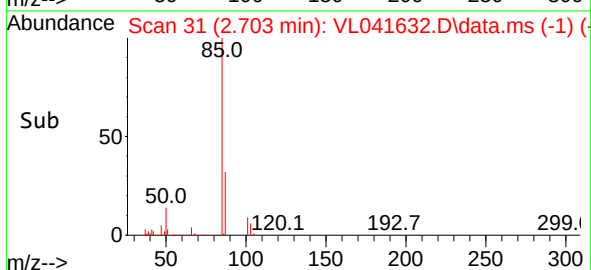
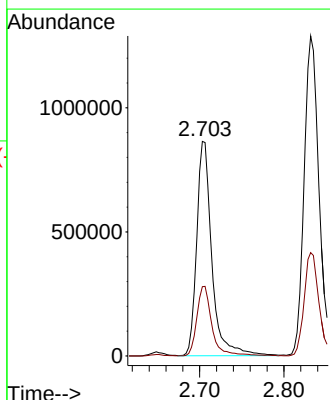
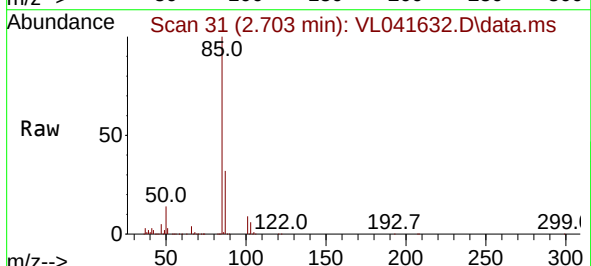
Manual Integrations
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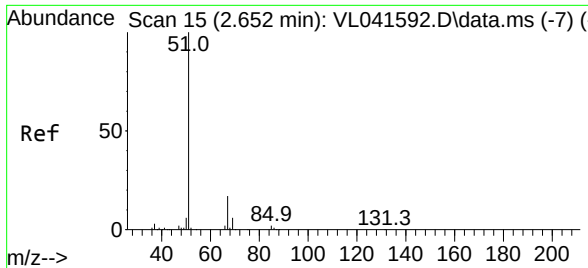
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#2
Dichlorodifluoromethane
Concen: 7.193 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

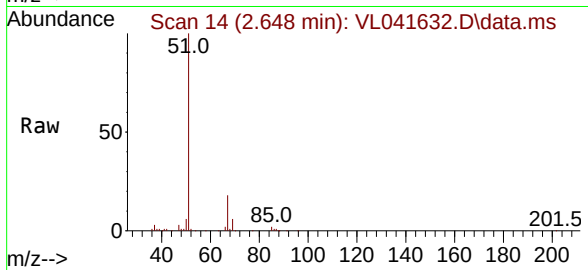
Tgt Ion: 85 Resp: 1086381
Ion Ratio Lower Upper
85 100
87 32.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 10.148 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

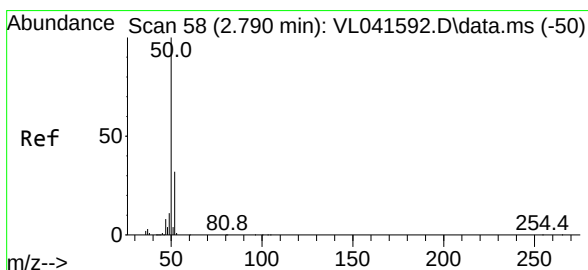
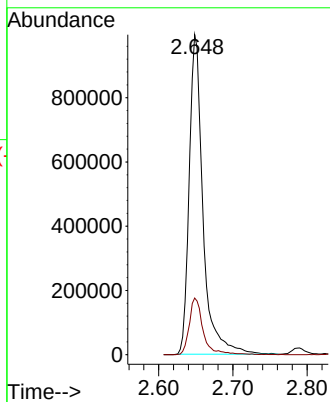
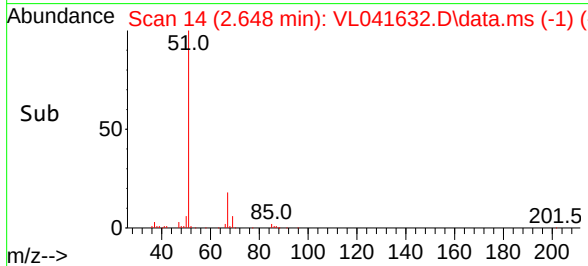
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 128738
Ion Ratio Lower Upper
51 100
67 18.0 14.1 21.1

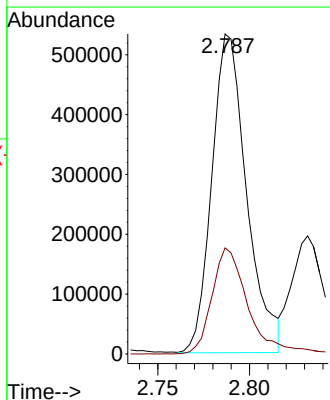
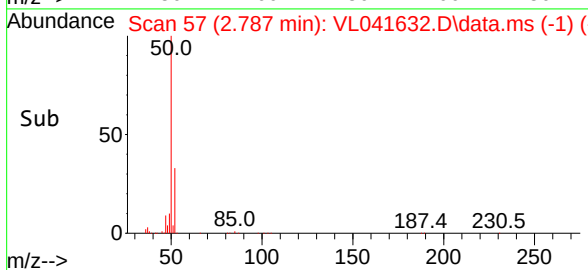
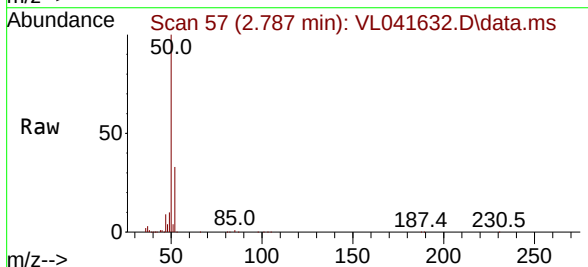
Manual Integrations
APPROVED

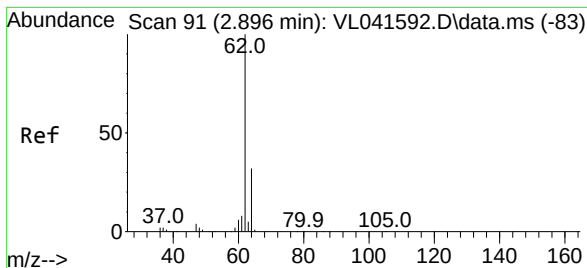
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#4
Chloromethane
Concen: 10.068 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

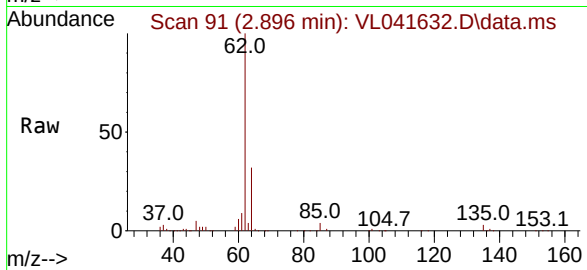
Tgt Ion: 50 Resp: 702471
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2





#5
 Vinyl Chloride
 Concen: 11.691 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

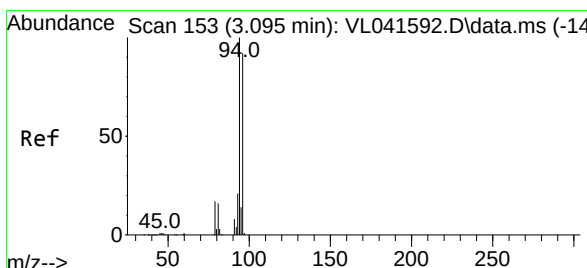
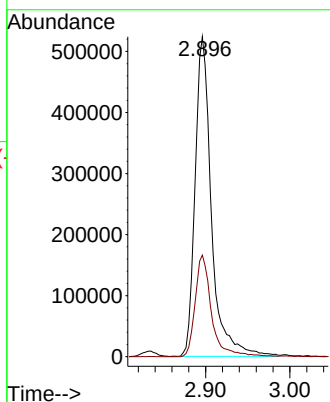
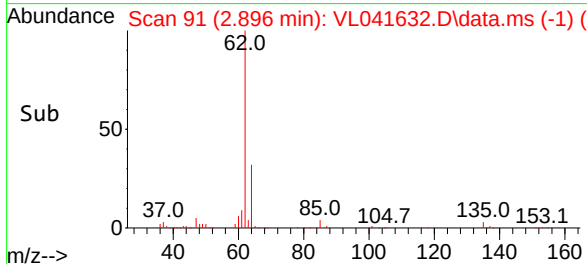
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



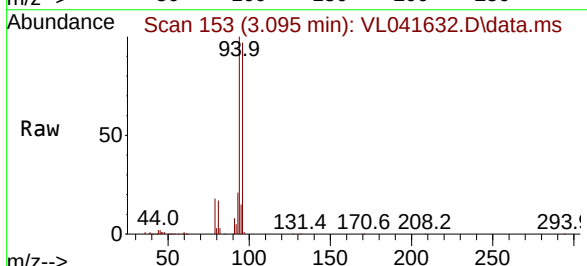
Tgt Ion: 62 Resp: 706295
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.0 39.0

Manual Integrations
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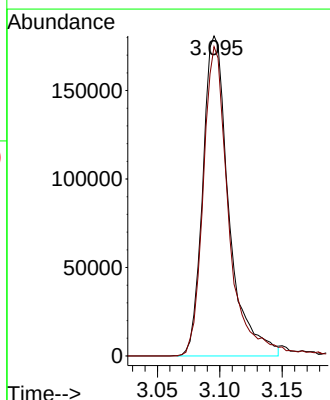
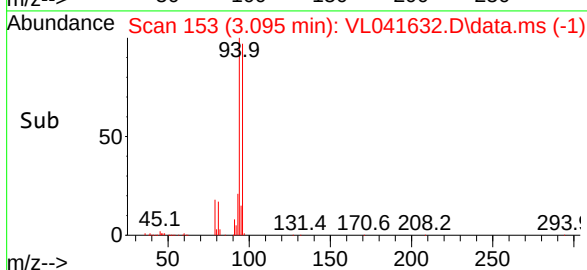
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

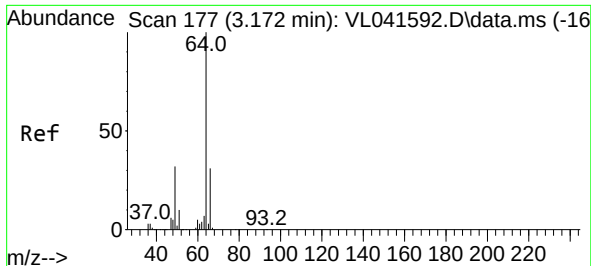


#6
 Bromomethane
 Concen: 8.798 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48



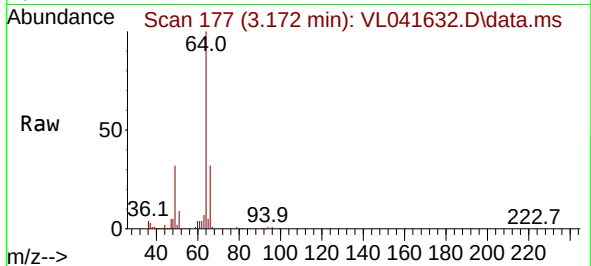
Tgt Ion: 94 Resp: 264453
 Ion Ratio Lower Upper
 94 100
 96 96.5 73.4 110.2





#7
Chloroethane
Concen: 10.672 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

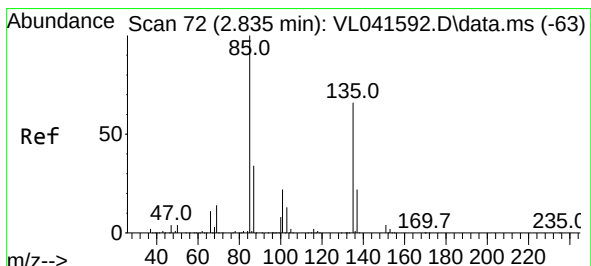
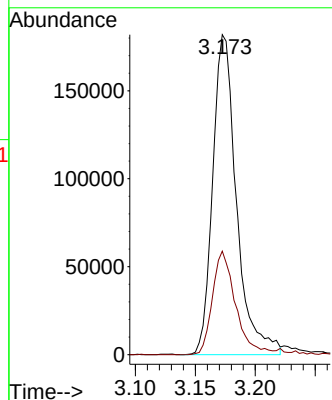
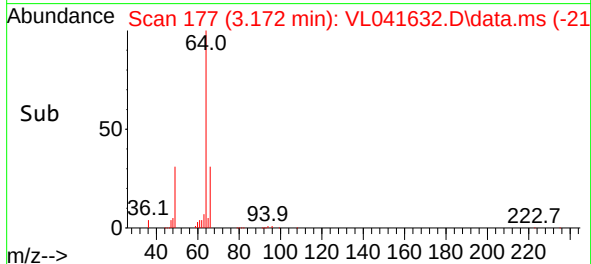
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 250759
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

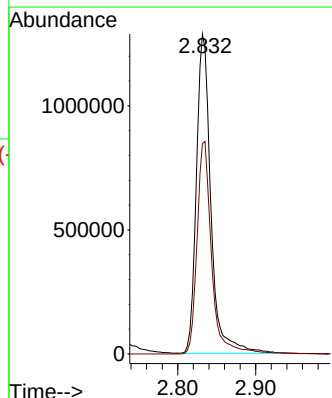
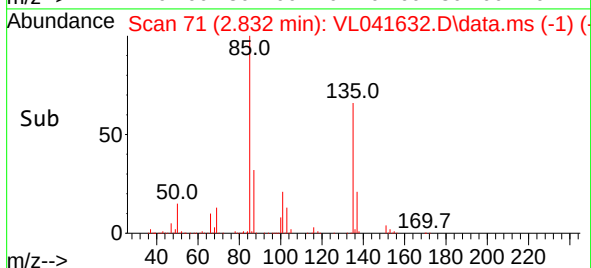
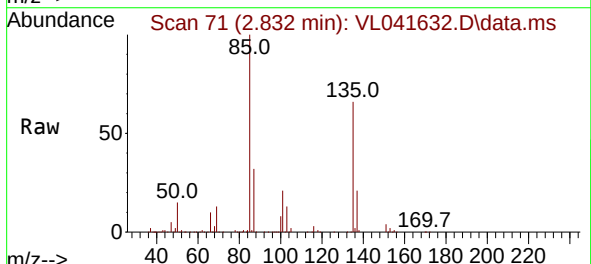
Manual Integrations
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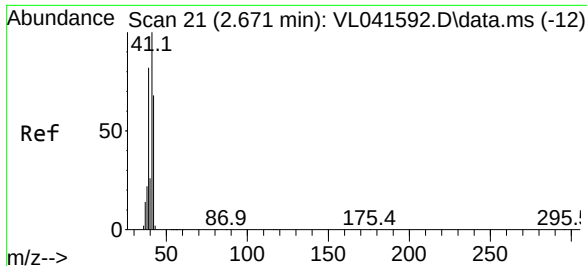
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#8
Dichlorotetrafluoroethane
Concen: 10.505 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

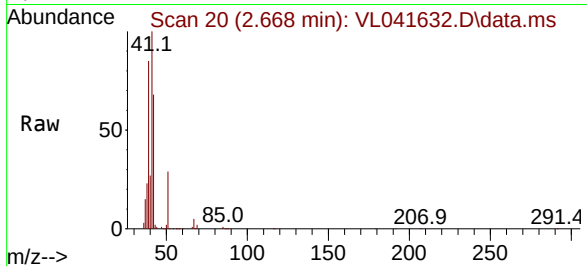
Tgt Ion: 85 Resp: 1664390
Ion Ratio Lower Upper
85 100
135 67.1 53.9 80.9





#9
 Propene
 Concen: 11.231 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

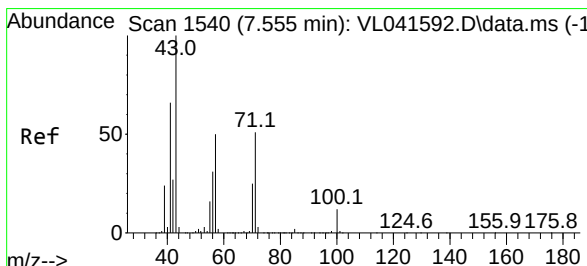
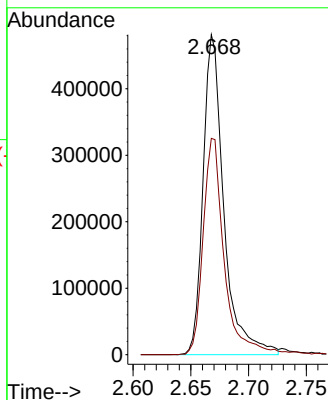
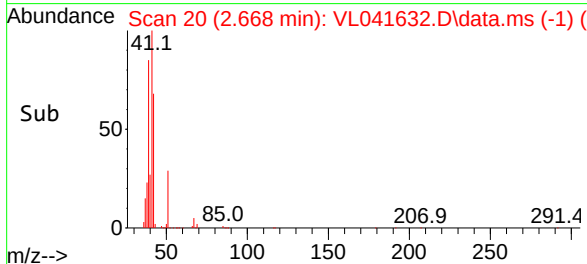
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



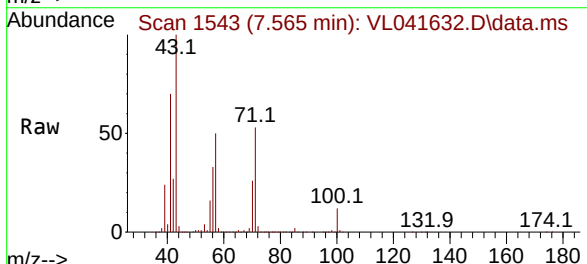
Tgt Ion: 41 Resp: 600954
 Ion Ratio Lower Upper
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 42 69.7 55.2 82.8

Manual Integrations
 APPROVED

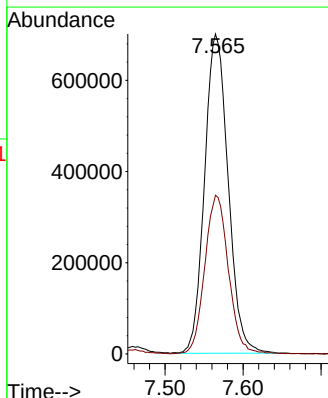
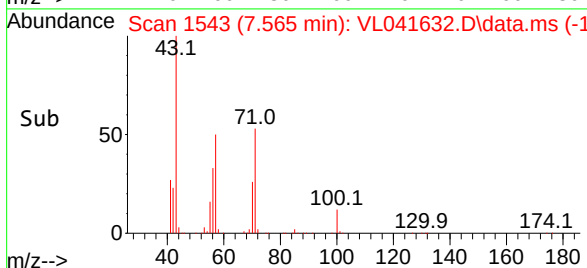
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

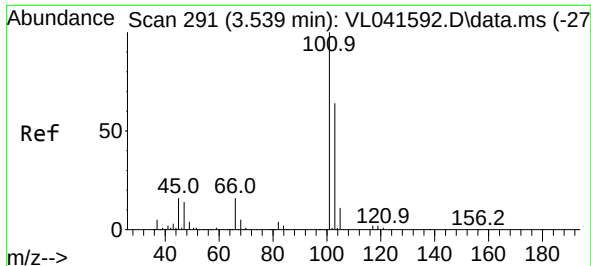


#10
 Heptane
 Concen: 11.719 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.010 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48



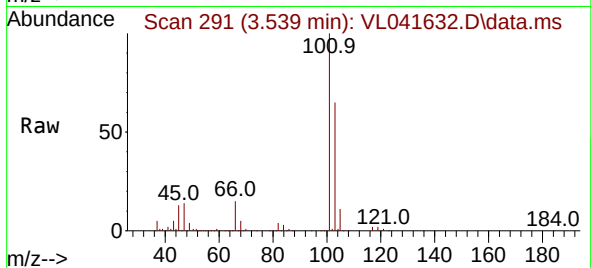
Tgt Ion: 43 Resp: 1468165
 Ion Ratio Lower Upper
 43 100
 57 50.2 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 10.078 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

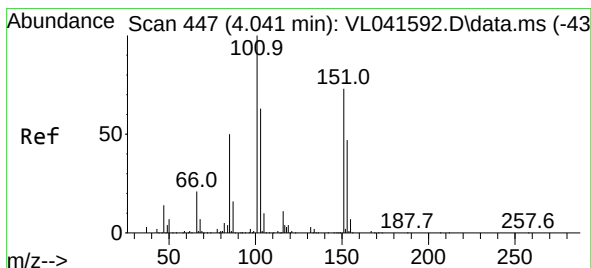
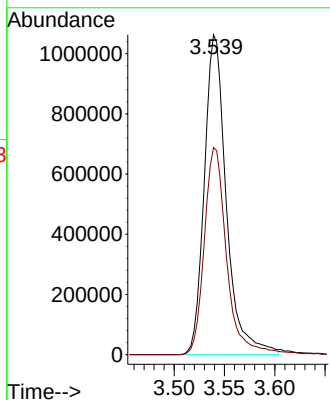
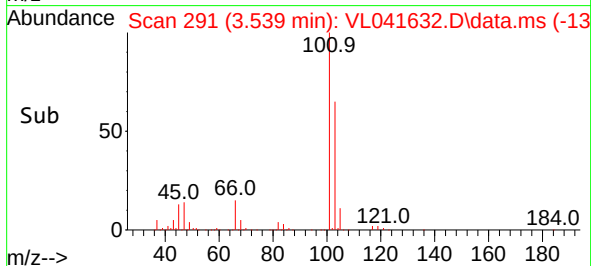
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



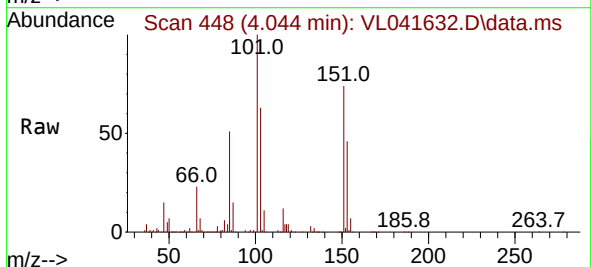
Tgt Ion:101 Resp: 1619799
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

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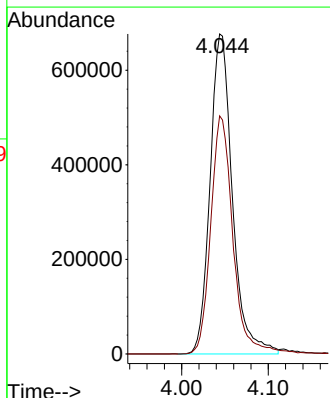
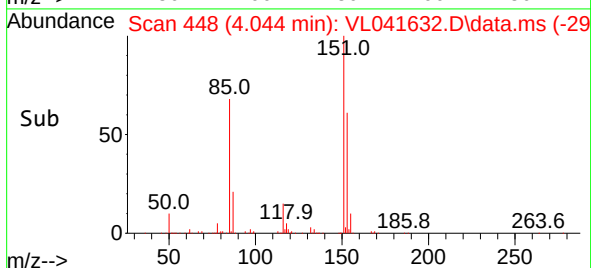
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

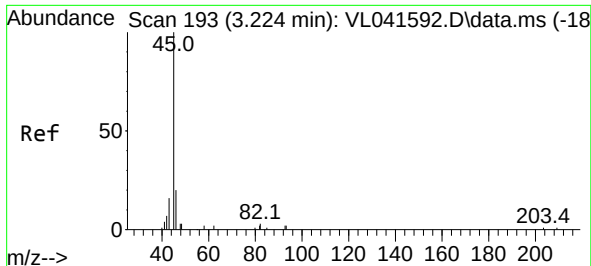


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.415 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48



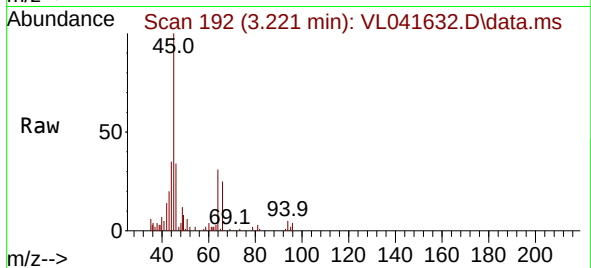
Tgt Ion:101 Resp: 1212450
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.4 89.2





#13
Ethanol
Concen: 7.233 ppbv m
RT: 3.221 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

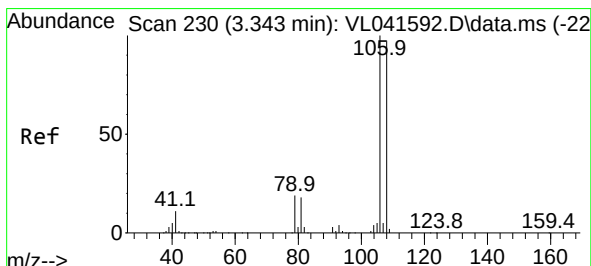
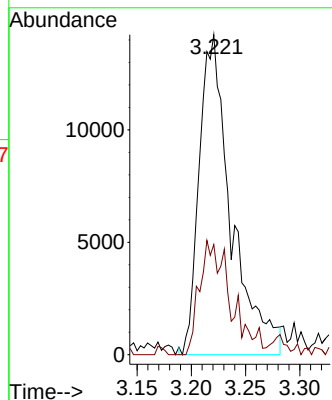
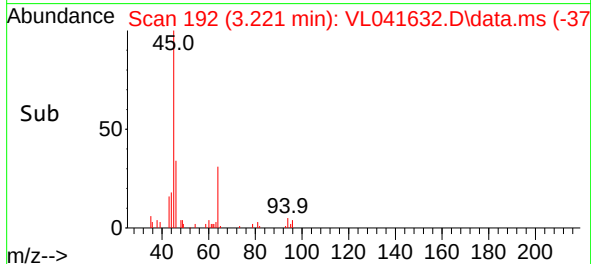
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 29090
Ion Ratio Lower Upper
45 100
46 38.7 15.2 60.8

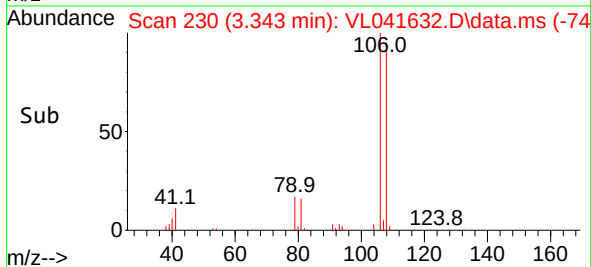
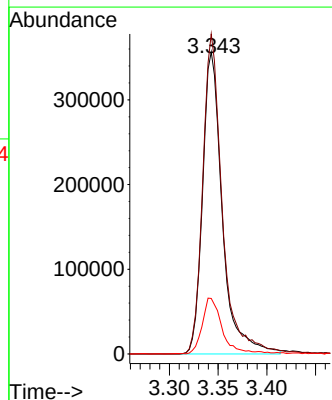
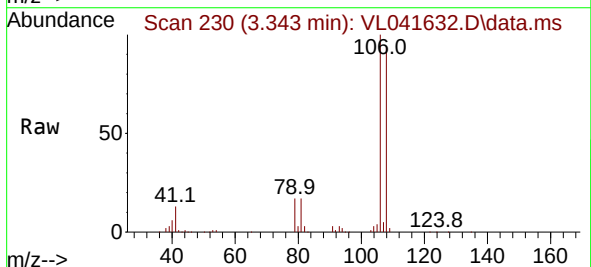
Manual Integrations
APPROVED

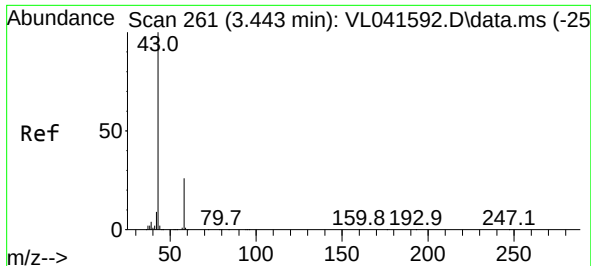
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#14
Bromoethene
Concen: 11.361 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion:108 Resp: 501484
Ion Ratio Lower Upper
108 100
106 106.2 86.5 129.7
79 19.5 16.2 24.4





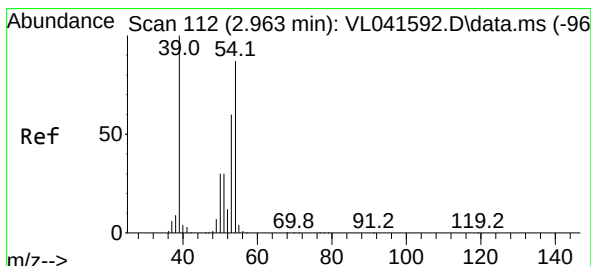
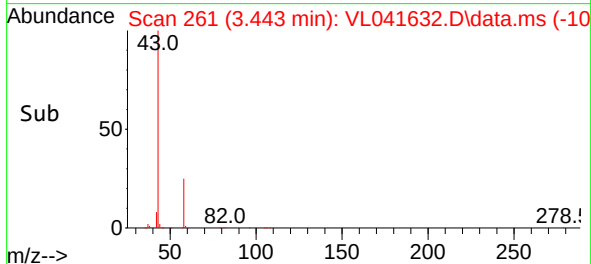
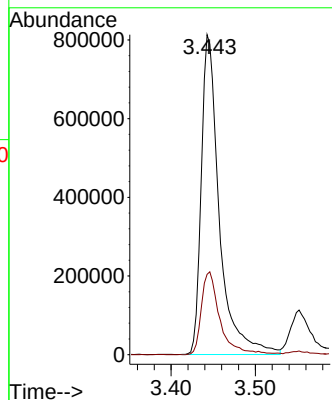
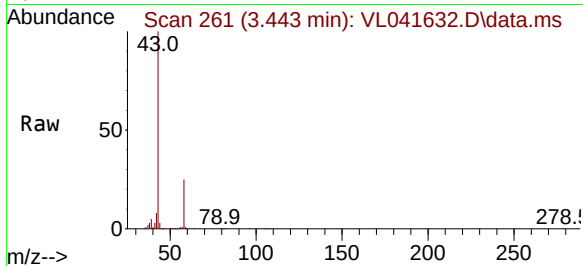
#15
Acetone
Concen: 9.234 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1212410
Ion Ratio Lower Upper
43 100
58 26.8 21.5 32.3

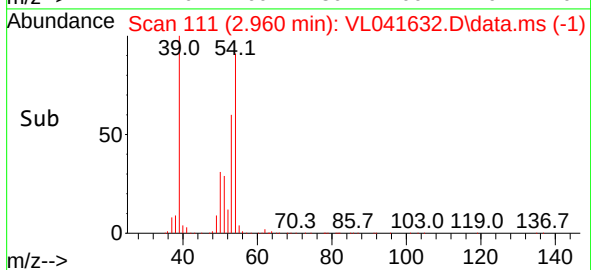
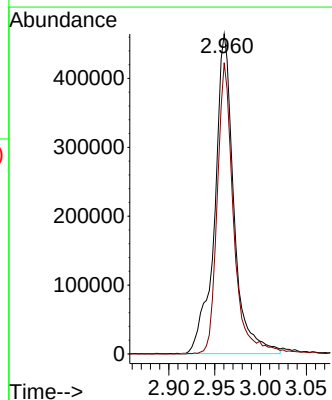
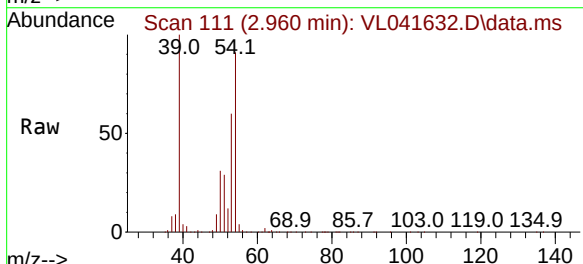
Manual Integrations
APPROVED

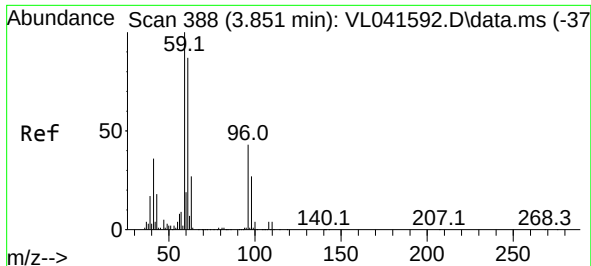
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#16
1,3-Butadiene
Concen: 10.607 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 39 Resp: 677423
Ion Ratio Lower Upper
39 100
54 78.3 62.9 94.3





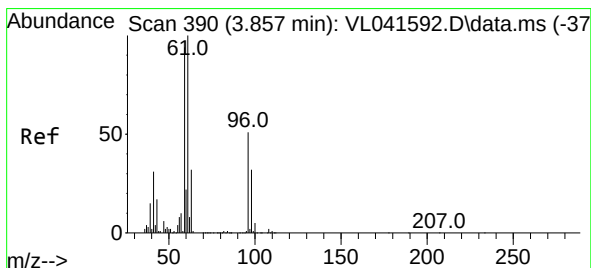
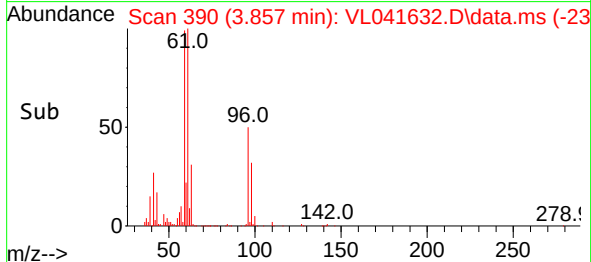
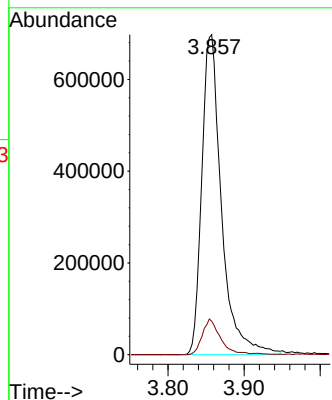
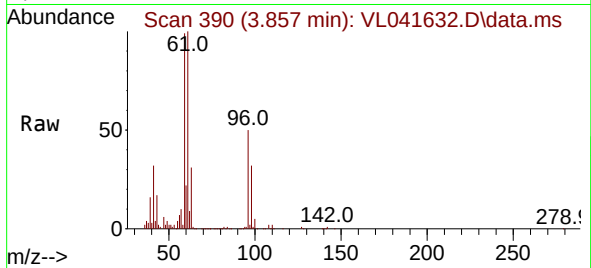
#17
tert-Butyl alcohol
Concen: 10.857 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1253704
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

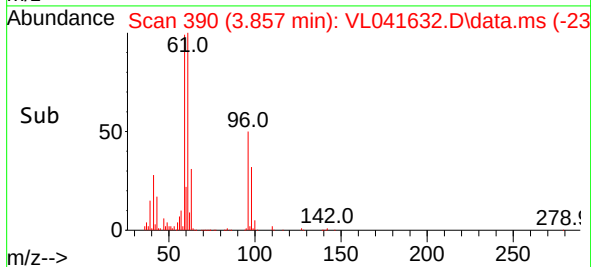
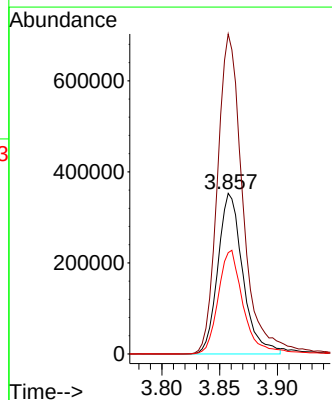
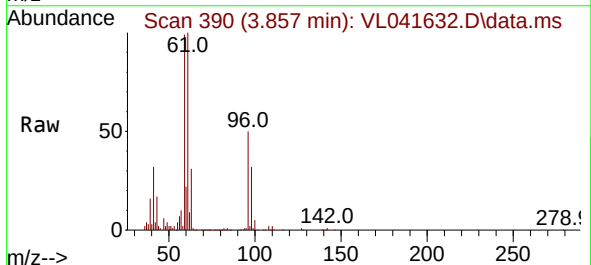
Manual Integrations
APPROVED

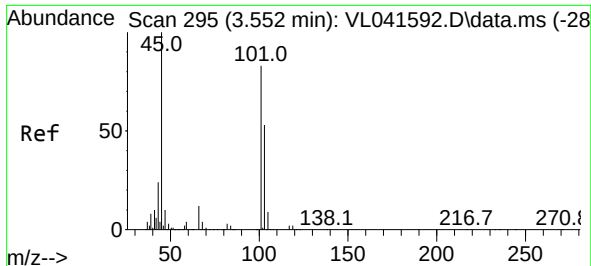
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#18
1,1-Dichloroethene
Concen: 10.754 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.000 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

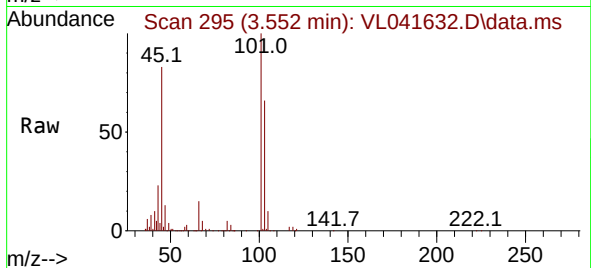
Tgt Ion: 96 Resp: 529931
Ion Ratio Lower Upper
96 100
61 199.3 155.6 233.4
98 63.1 50.6 75.8





#19
Isopropyl Alcohol
Concen: 10.078 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

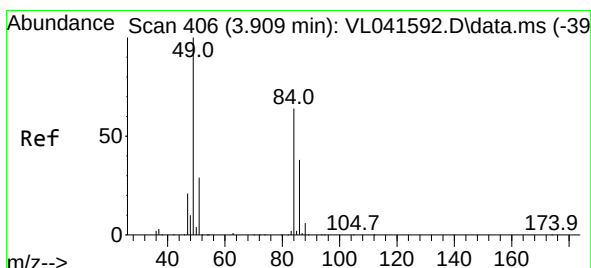
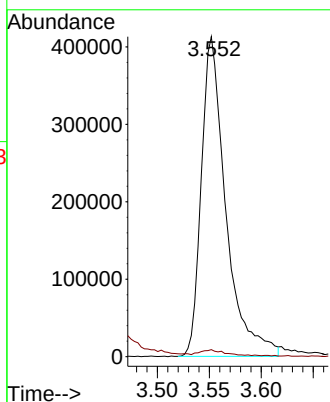
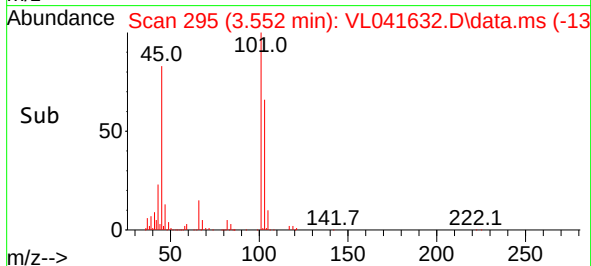
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



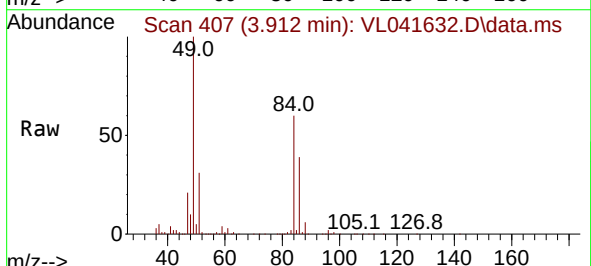
Tgt Ion: 45 Resp: 677412
Ion Ratio Lower Upper
45 100
58 3.1 2.1 3.1

Manual Integrations
APPROVED

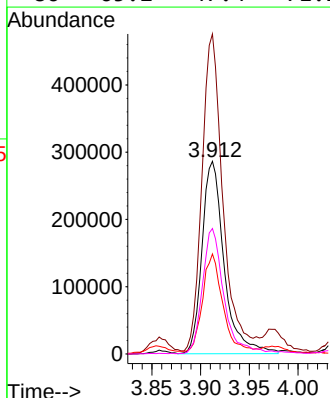
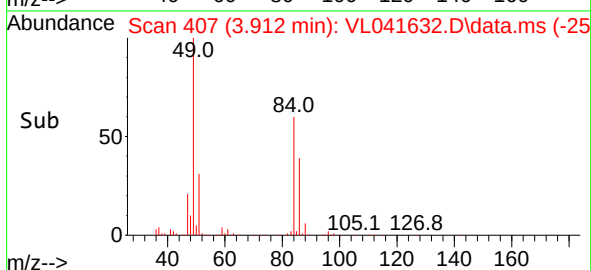
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

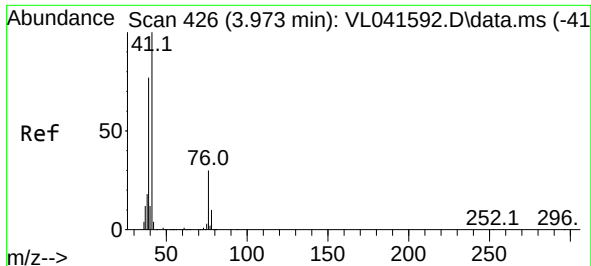


#20
Methylene Chloride
Concen: 9.170 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



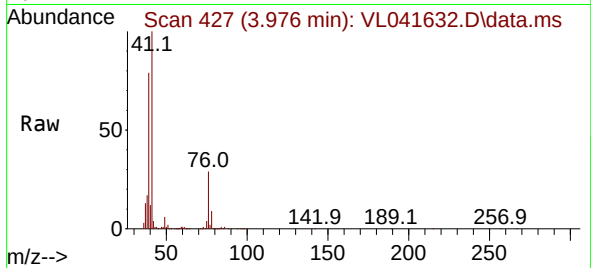
Tgt Ion: 84 Resp: 452360
Ion Ratio Lower Upper
84 100
49 164.3 124.3 186.5
51 50.6 36.3 54.5
86 65.2 47.4 71.2





#21
 Allyl Chloride
 Concen: 11.098 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

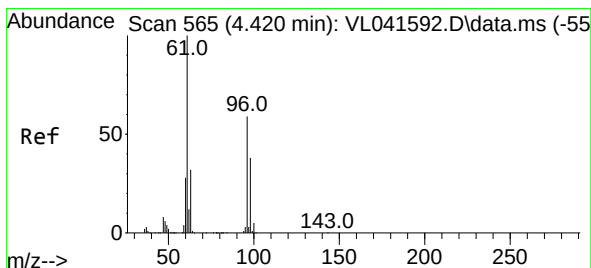
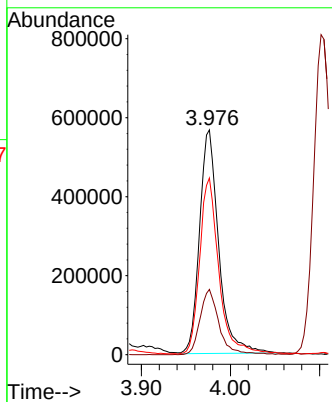
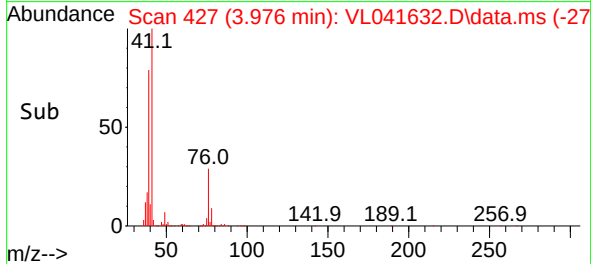
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 844648
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.8 35.6
 39 79.4 63.9 95.9

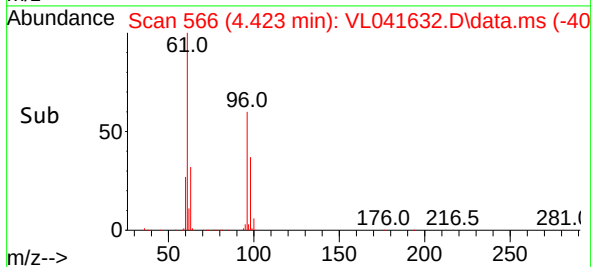
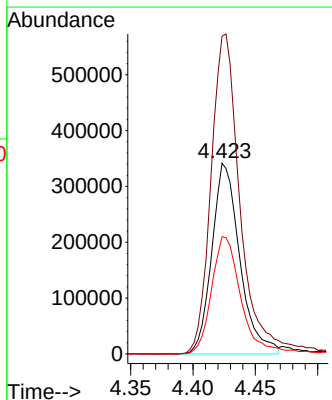
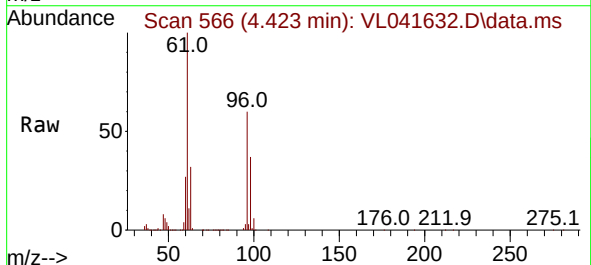
Manual Integrations
 APPROVED

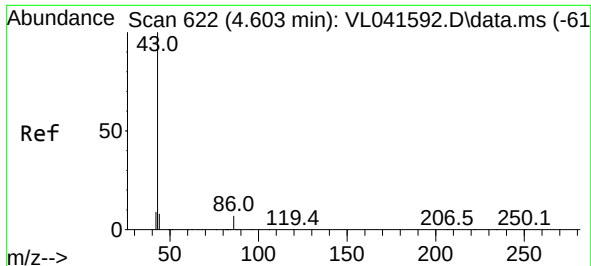
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.867 ppbv
 RT: 4.423 min Scan# 566
 Delta R.T. 0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

Tgt Ion: 96 Resp: 534237
 Ion Ratio Lower Upper
 96 100
 61 166.5 135.7 203.5
 98 61.4 50.9 76.3





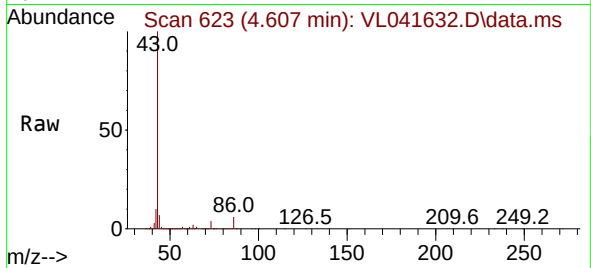
#23
 Vinyl Acetate
 Concen: 12.527 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

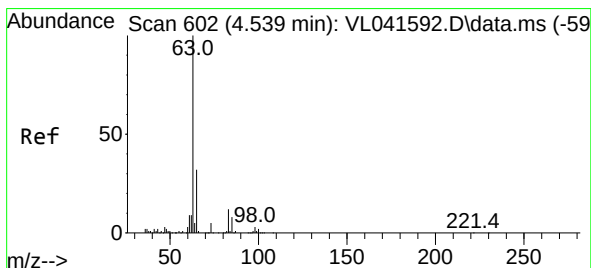
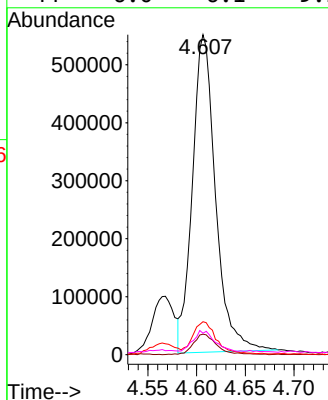
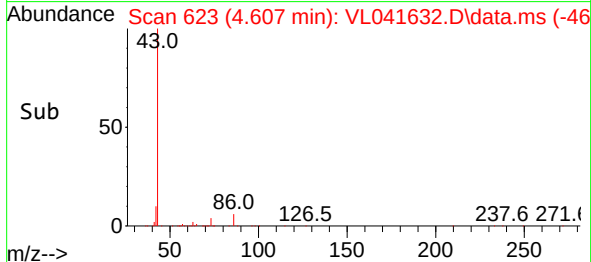


Tgt Ion: 43 Resp: 904728
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.9 7.3
 42 10.2 8.0 12.0
 44 6.0 6.1 9.1#

Manual Integrations

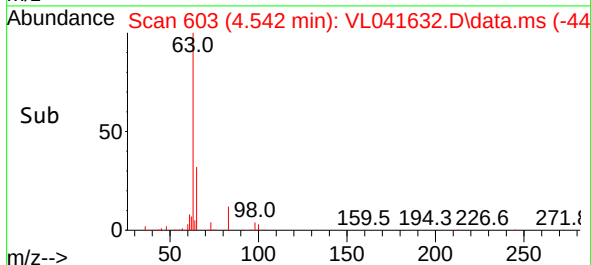
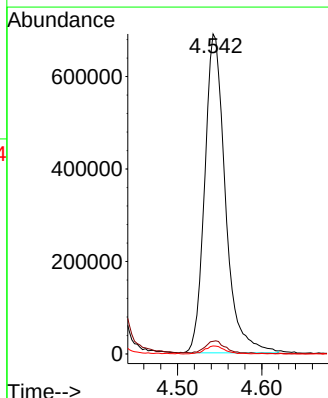
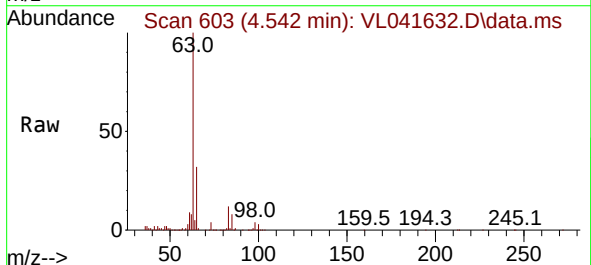
APPROVED

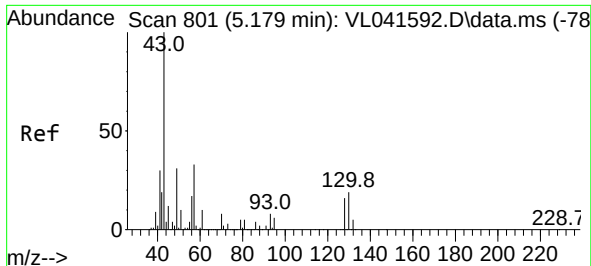
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024



#24
 1,1-Dichloroethane
 Concen: 10.850 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

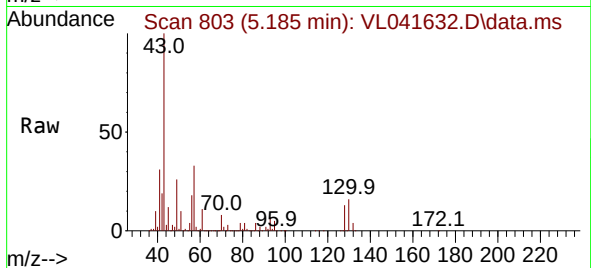
Tgt Ion: 63 Resp: 1176205
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.7 5.1
 100 2.5 1.1 3.3





#25
Ethyl Acetate
Concen: 11.148 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

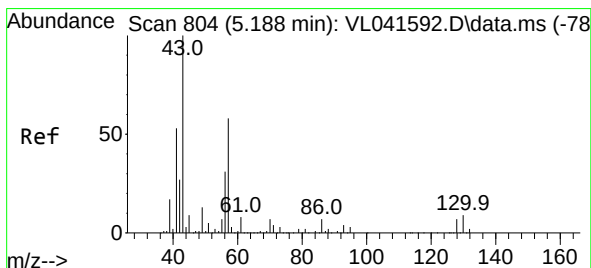
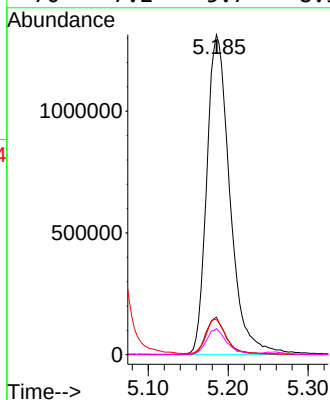
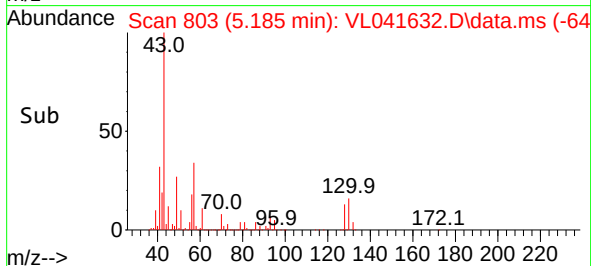


Tgt Ion: 43 Resp: 262775

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.2
61	10.7	8.0	12.0
70	7.2	5.7	8.5

Manual Integrations
APPROVED

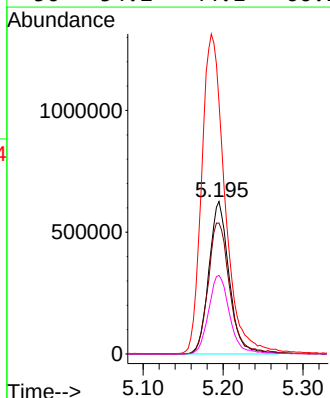
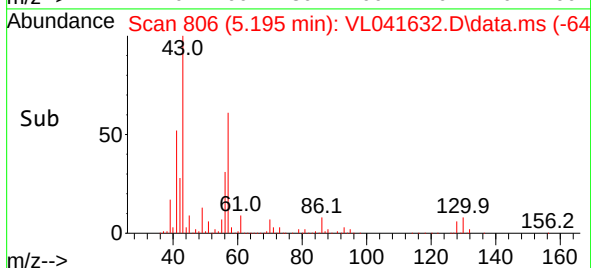
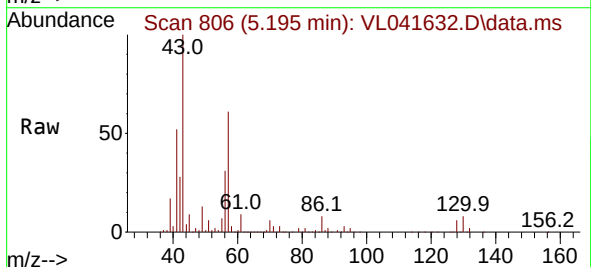
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

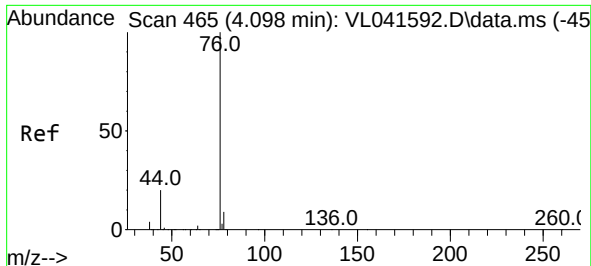


#26
Hexane
Concen: 11.160 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 57 Resp: 1097083

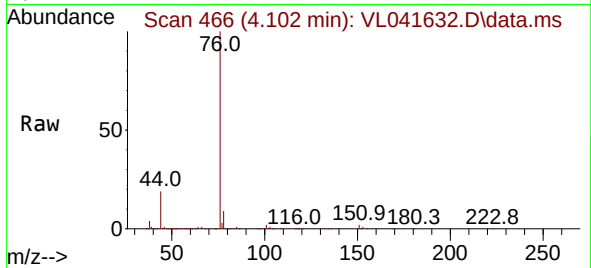
Ion	Ratio	Lower	Upper
57	100		
41	93.0	75.7	113.5
43	242.7	198.5	297.7
56	54.2	44.1	66.1





#27
Carbon Disulfide
Concen: 12.375 ppbv
RT: 4.102 min Scan# 410
Delta R.T. 0.003 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

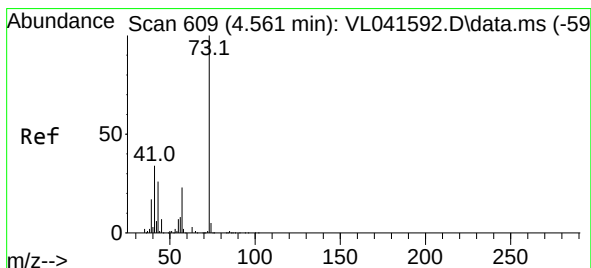
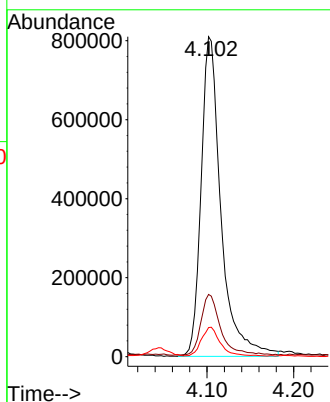
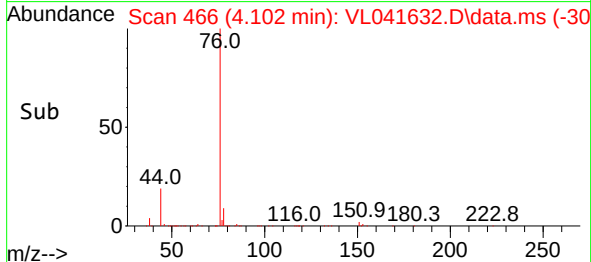
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



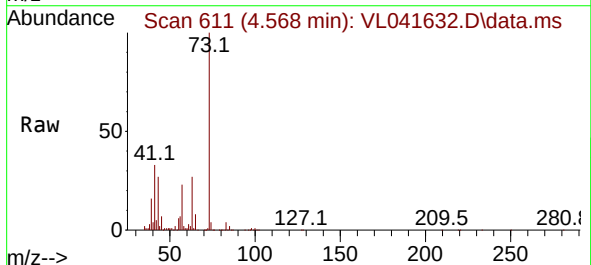
Tgt Ion: 76 Resp: 1293140
Ion Ratio Lower Upper
76 100
44 18.6 15.8 23.8
78 9.2 7.5 11.3

Manual Integrations
APPROVED

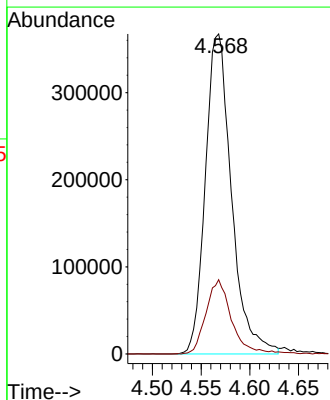
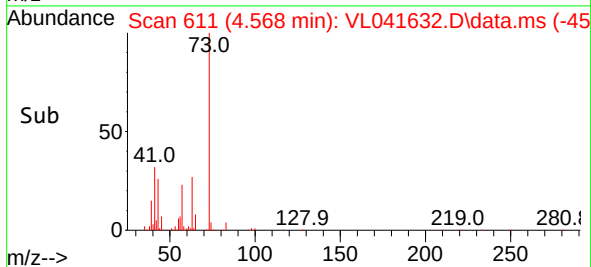
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

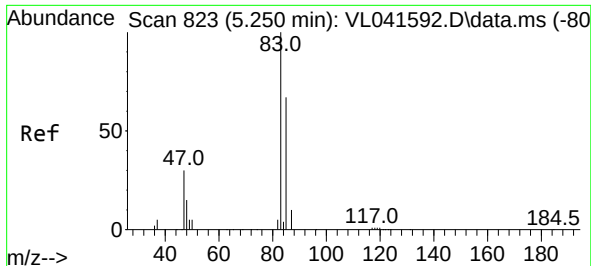


#28
Methyl tert-Butyl Ether
Concen: 11.308 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



Tgt Ion: 73 Resp: 685381
Ion Ratio Lower Upper
73 100
57 22.9 19.3 28.9





#29

Chloroform

Concen: 10.556 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1698119

Ion Ratio Lower Upper

83 100

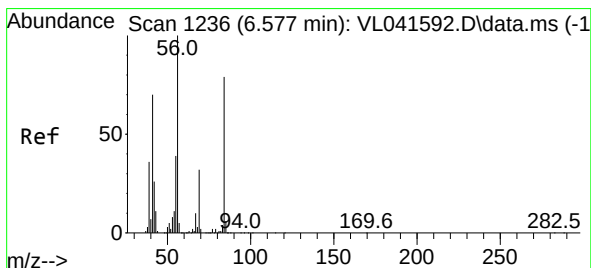
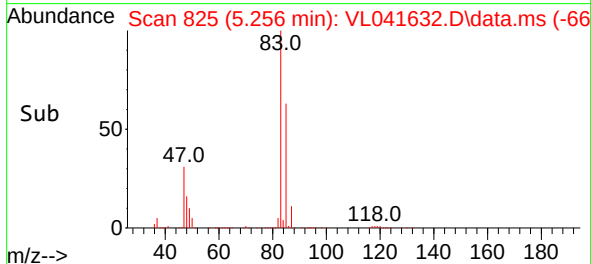
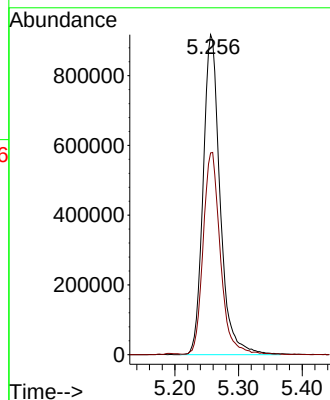
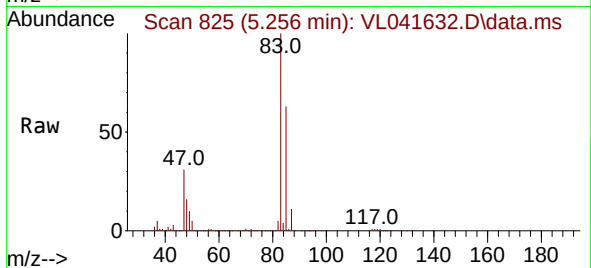
85 62.9 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#30

Cyclohexane

Concen: 12.020 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

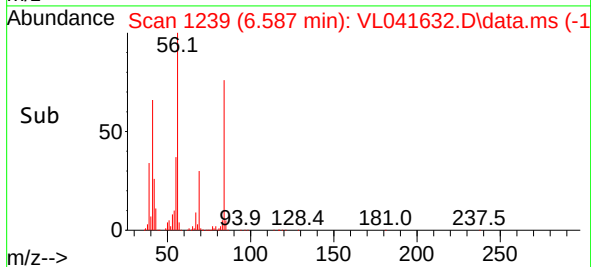
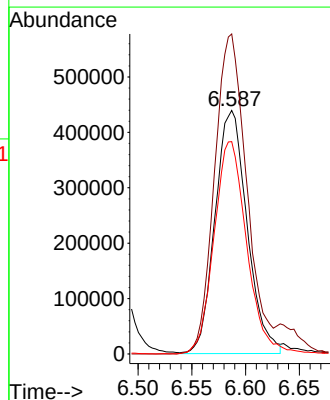
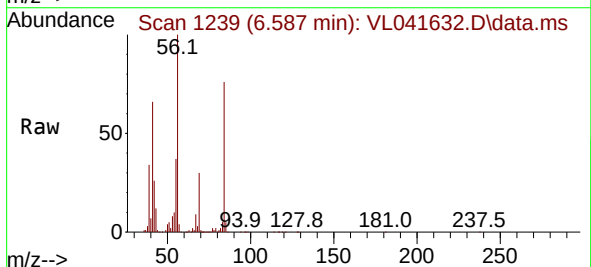
Tgt Ion: 84 Resp: 910879

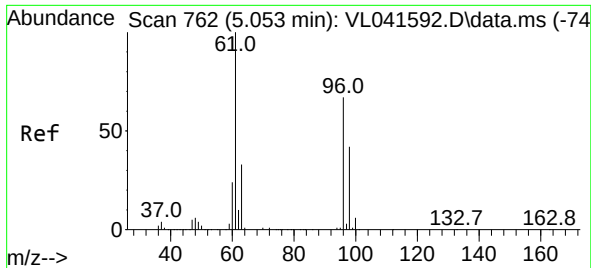
Ion Ratio Lower Upper

84 100

56 141.2 111.5 167.3

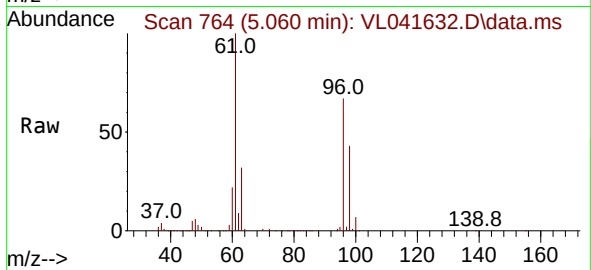
41 89.7 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.174 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

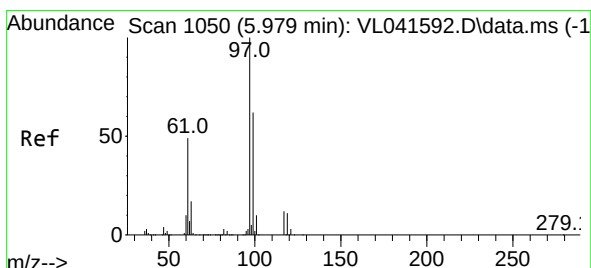
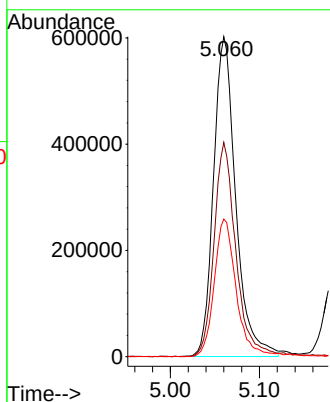
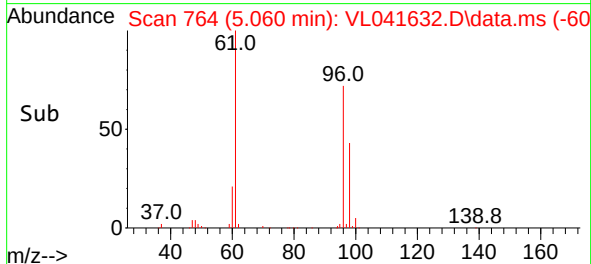
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



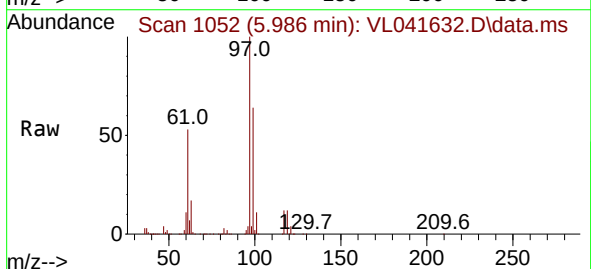
Tgt Ion: 61 Resp: 1042800
 Ion Ratio Lower Upper
 61 100
 96 67.0 53.5 80.3
 98 43.0 33.7 50.5

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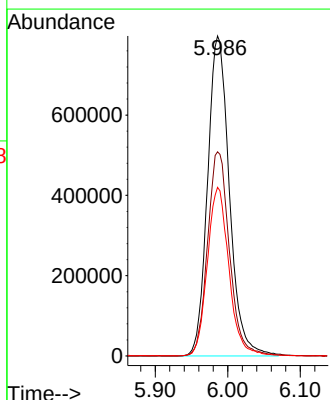
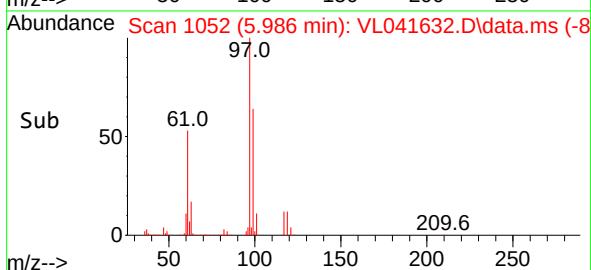
Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

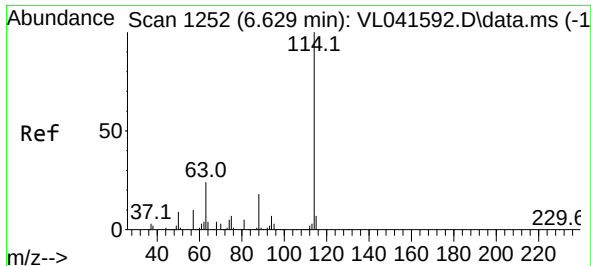


#32
 1,1,1-Trichloroethane
 Concen: 11.638 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48



Tgt Ion: 97 Resp: 1667581
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.4
 61 52.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2863689

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

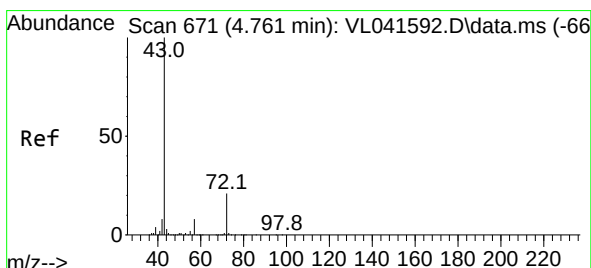
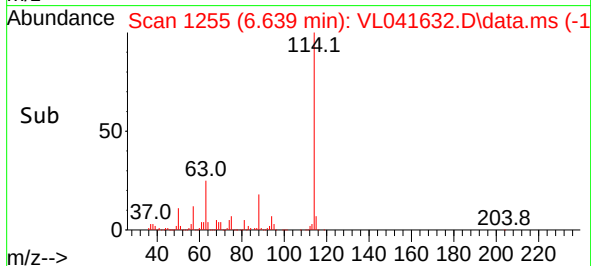
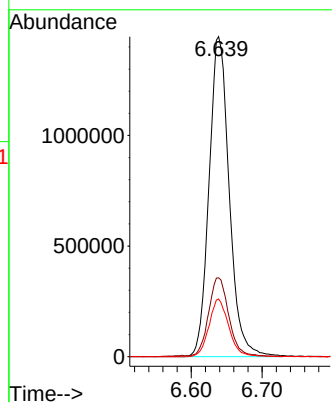
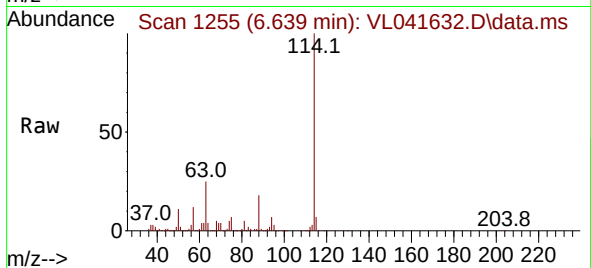
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#34

2-Butanone

Concen: 9.658 ppbv

RT: 4.767 min Scan# 673

Delta R.T. 0.006 min

Lab File: VL041632.D

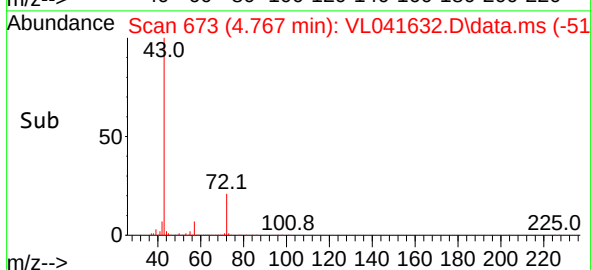
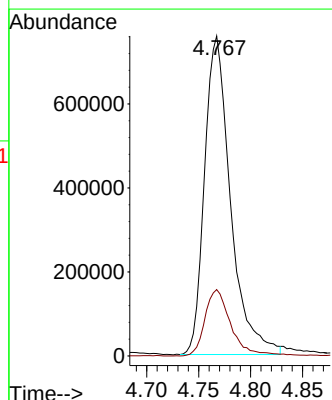
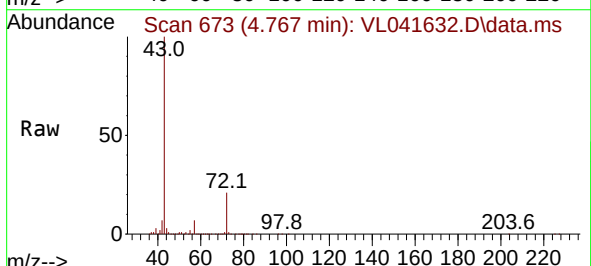
Acq: 26 Sep 2024 7:48

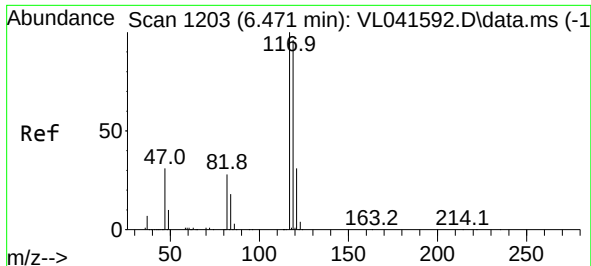
Tgt Ion: 43 Resp: 1318783

Ion Ratio Lower Upper

43 100

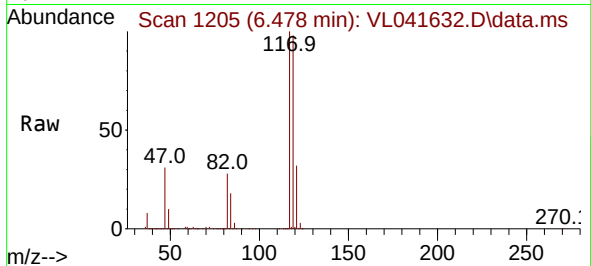
72 21.1 16.8 25.2





#35
Carbon Tetrachloride
Concen: 12.210 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

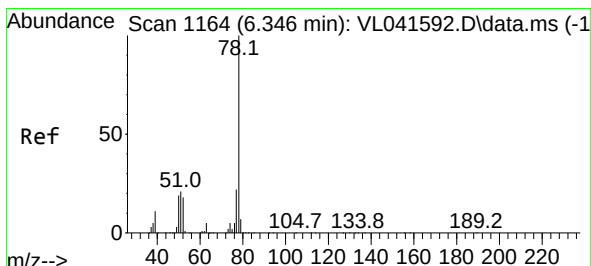
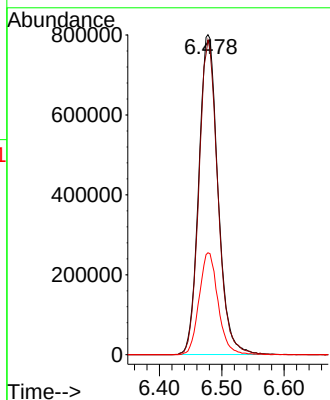
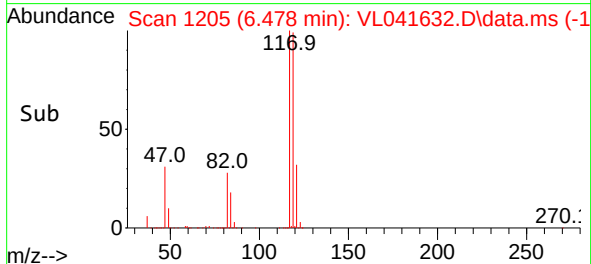
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1715590
Ion Ratio Lower Upper
117 100
119 98.3 76.8 115.2
121 31.9 25.0 37.6

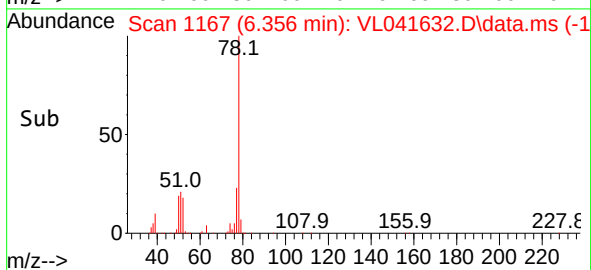
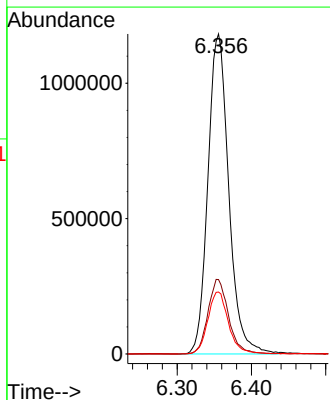
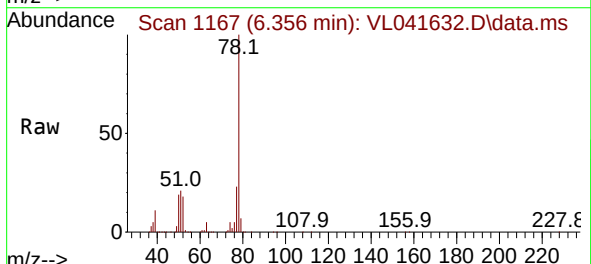
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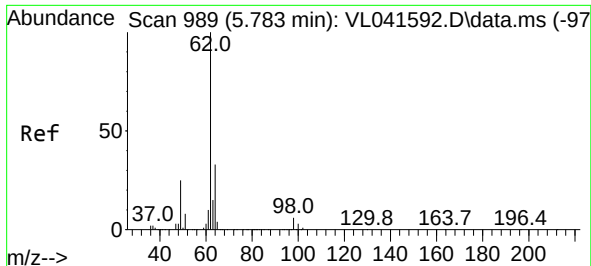
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#36
Benzene
Concen: 11.593 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

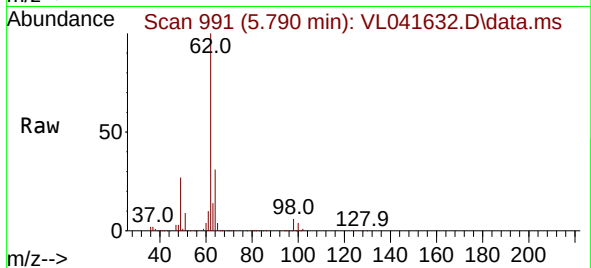
Tgt Ion: 78 Resp: 2305598
Ion Ratio Lower Upper
78 100
77 23.2 17.8 26.6
50 19.4 15.4 23.0





#37
1,2-Dichloroethane
Concen: 11.067 ppbv
RT: 5.790 min Scan# 989
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

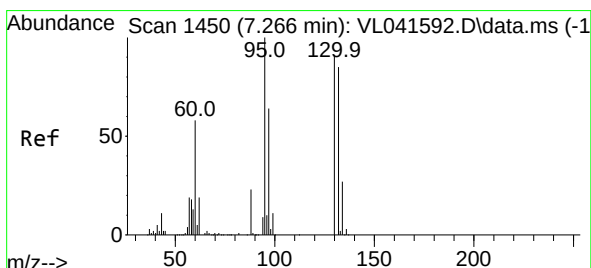
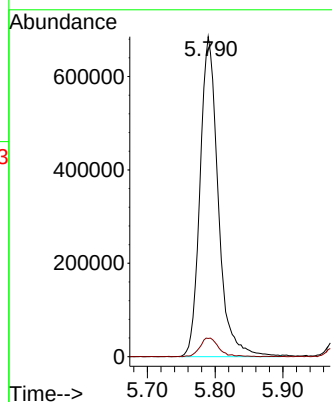
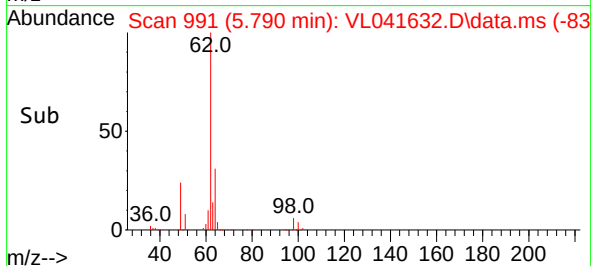
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1277029
Ion Ratio Lower Upper
62 100
98 6.2 4.8 7.2

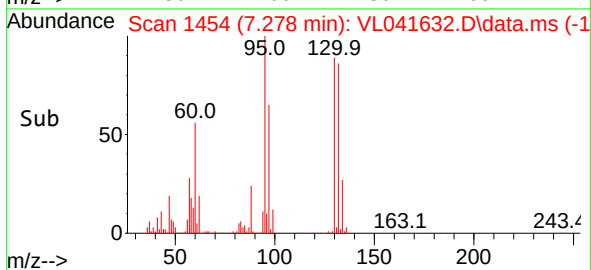
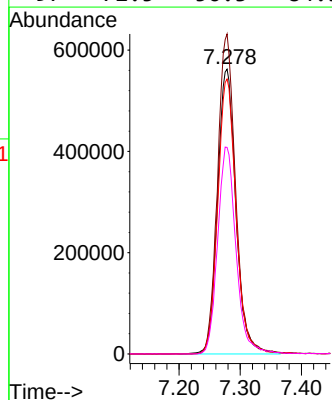
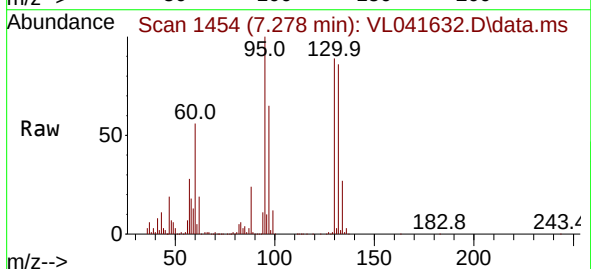
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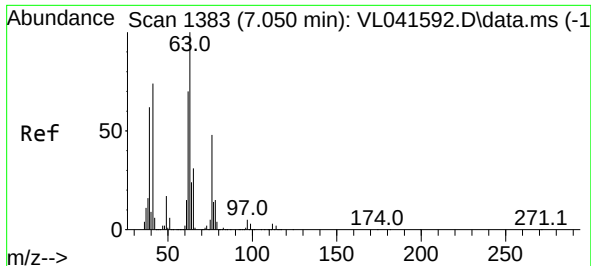
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#38
Trichloroethene
Concen: 11.429 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion:130 Resp: 1170492
Ion Ratio Lower Upper
130 100
95 112.3 87.7 131.5
132 96.6 74.5 111.7
97 72.5 56.3 84.5





#39

1,2-Dichloropropane

Concen: 11.055 ppbv

RT: 7.060 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

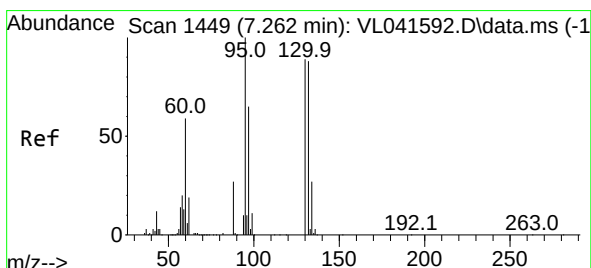
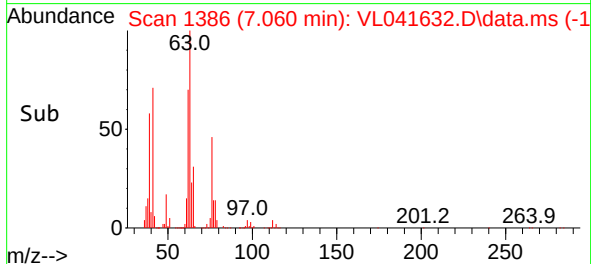
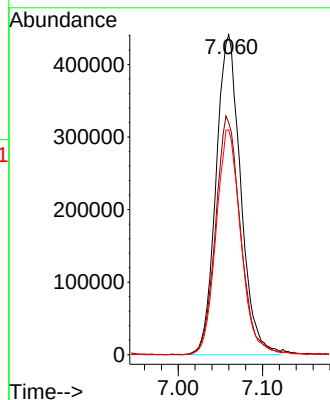
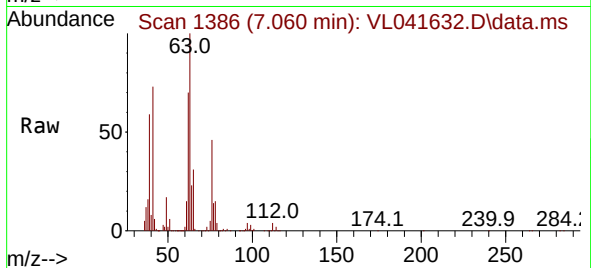
VSTDCCC010EC

Tgt Ion: 63	Resp: 89445
Ion Ratio	Lower Upper
63	100
41	72.5 59.5 89.3
62	70.2 56.2 84.2

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Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#40

1,4-Dioxane

Concen: 12.376 ppbv

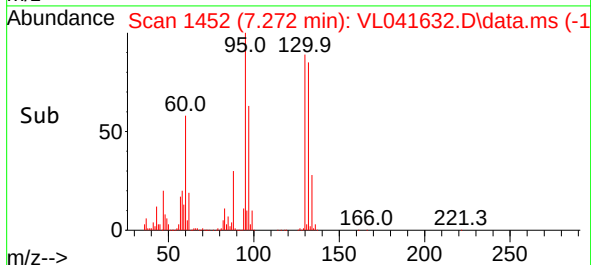
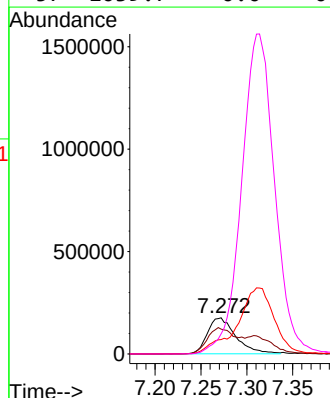
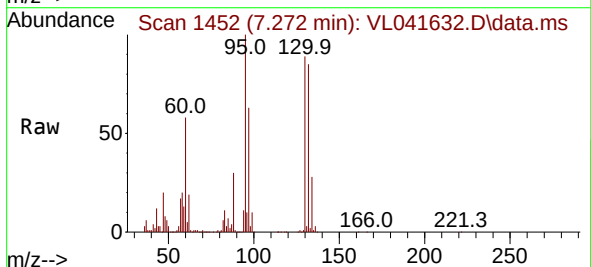
RT: 7.272 min Scan# 1452

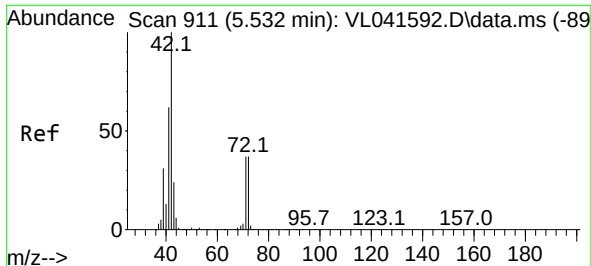
Delta R.T. 0.010 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

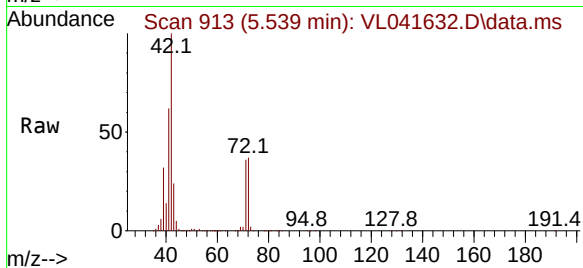
Tgt Ion: 88	Resp: 377445
Ion Ratio	Lower Upper
88	100
58	120.8 100.2 150.4
43	241.1 0.0 0.0#
57	1039.7 0.0 0.0#





#41
Tetrahydrofuran
Concen: 12.291 ppbv
RT: 5.539 min Scan# 911
Delta R.T. 0.006 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

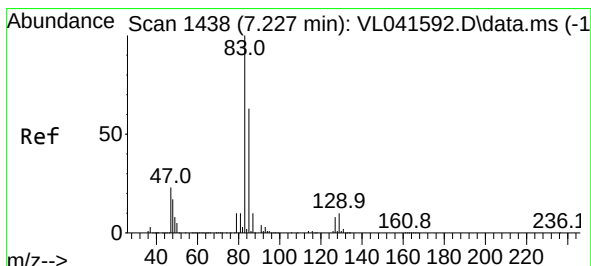
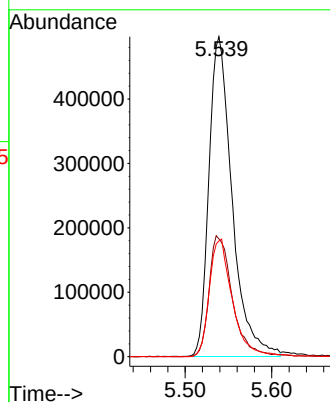
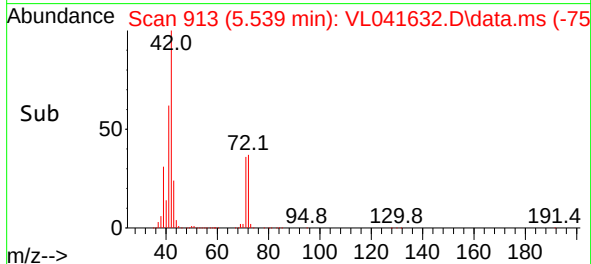
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 923629
Ion Ratio Lower Upper
42 100
72 38.2 30.2 45.2
71 37.0 29.6 44.4

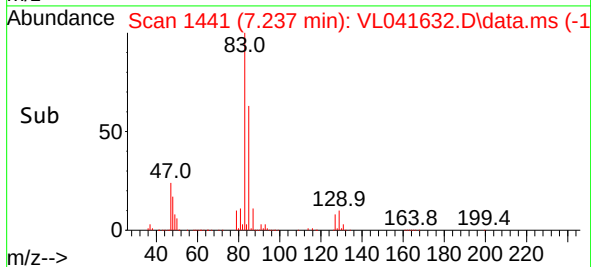
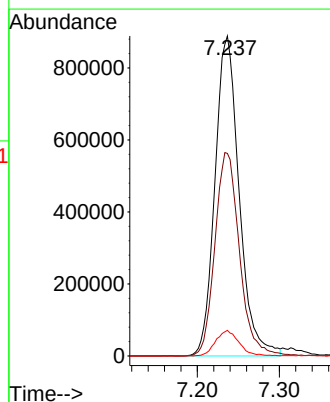
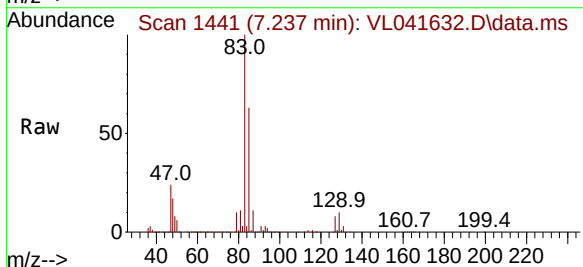
Manual Integrations
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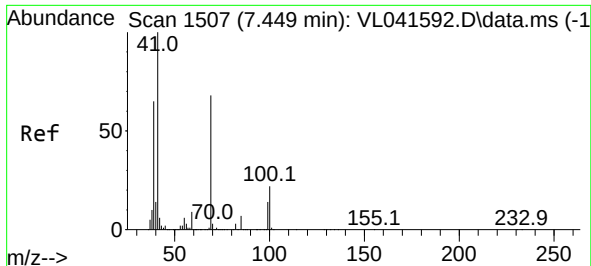
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#42
Bromodichloromethane
Concen: 11.353 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 83 Resp: 1822620
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 8.0 6.5 9.7





#43
Methyl Methacrylate
Concen: 12.610 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

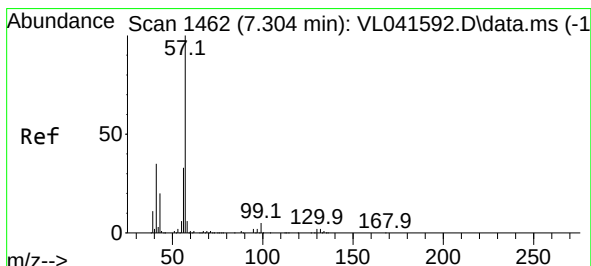
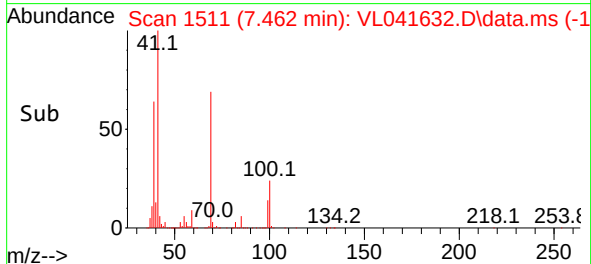
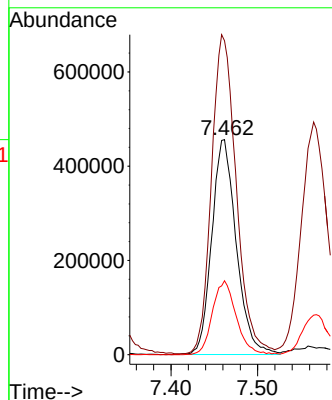
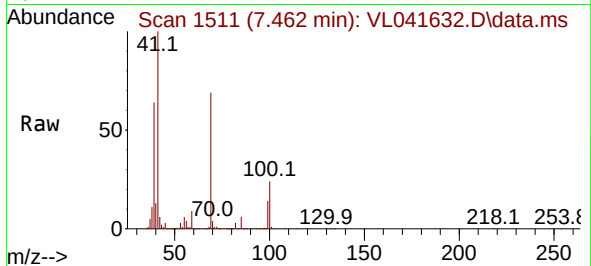
VSTDCCC010EC

Tgt Ion: 69 Resp: 897460
Ion Ratio Lower Upper
69 100
41 150.4 121.8 182.6
100 33.2 26.5 39.7

Manual Integrations

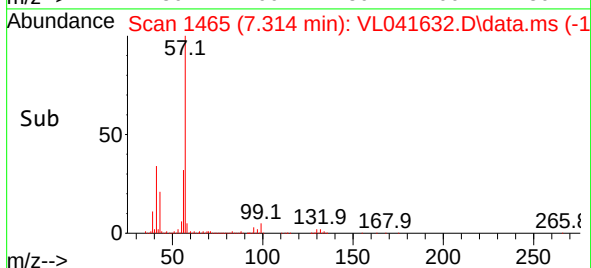
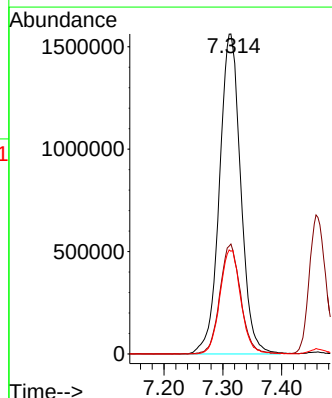
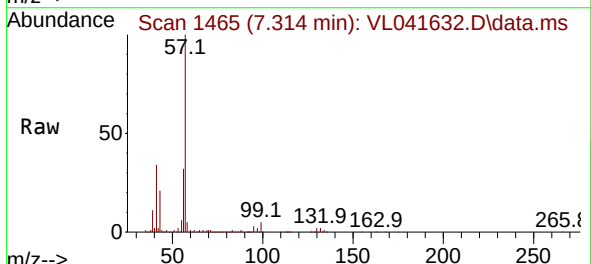
APPROVED

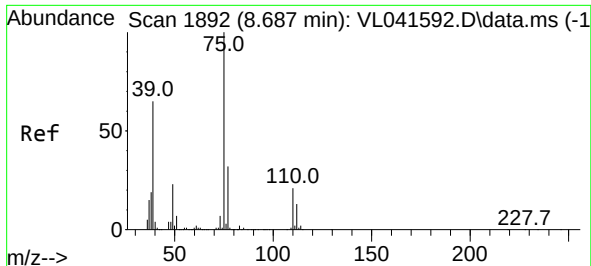
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#44
2,2,4-Trimethylpentane
Concen: 11.389 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 57 Resp: 3918677
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.9 25.5 38.3





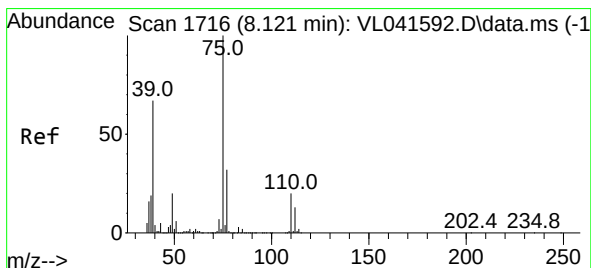
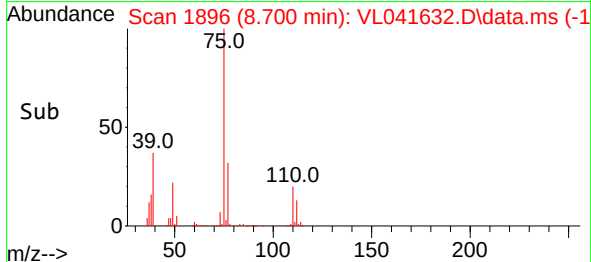
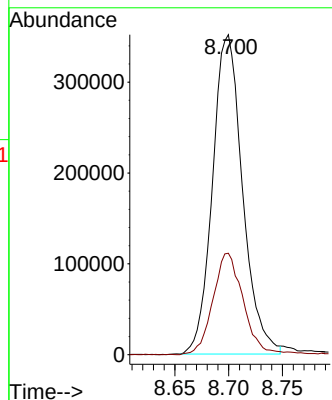
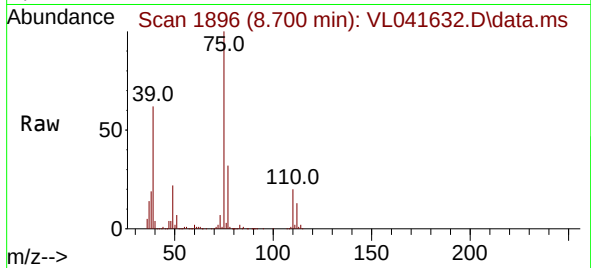
#45
t-1,3-Dichloropropene
Concen: 11.909 ppbv
RT: 8.700 min Scan# 1719
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 68335
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

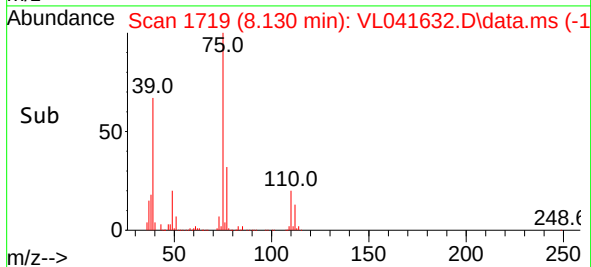
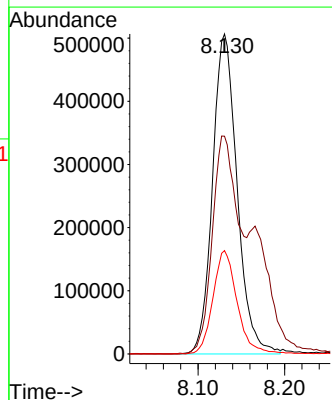
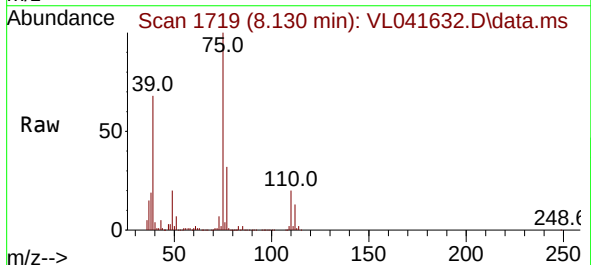
Manual Integrations
APPROVED

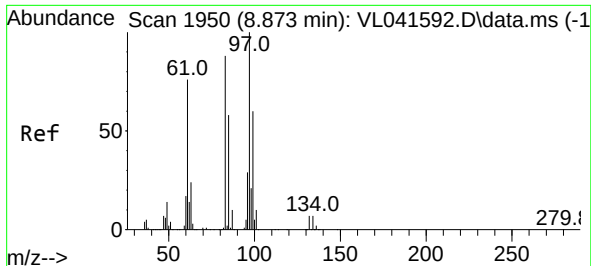
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#46
cis-1,3-Dichloropropene
Concen: 11.877 ppbv
RT: 8.130 min Scan# 1719
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 75 Resp: 998442
Ion Ratio Lower Upper
75 100
39 67.8 54.0 81.0
77 32.2 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 11.053 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 949480

Ion Ratio Lower Upper

97 100

83 88.1 70.2 105.4

85 59.3 46.3 69.5

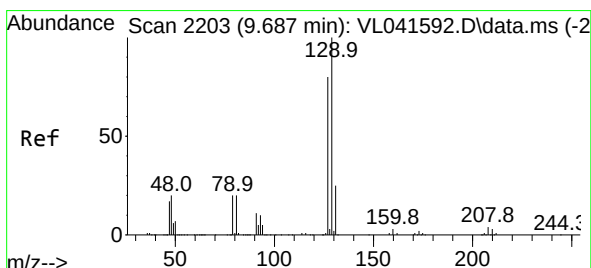
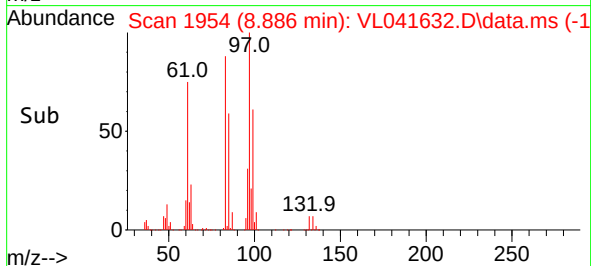
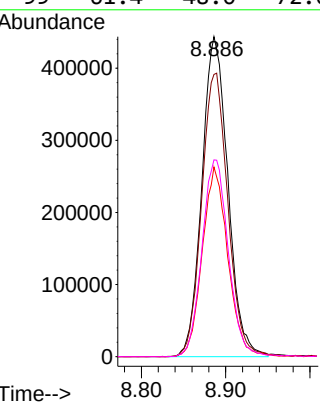
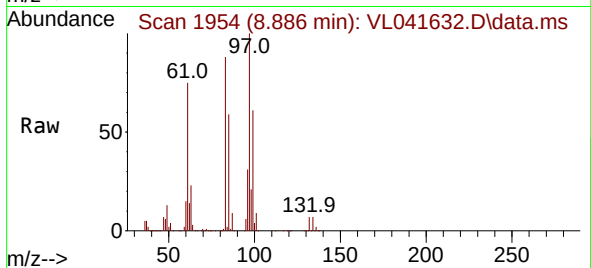
99 61.4 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#48

Dibromochloromethane

Concen: 11.843 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. 0.013 min

Lab File: VL041632.D

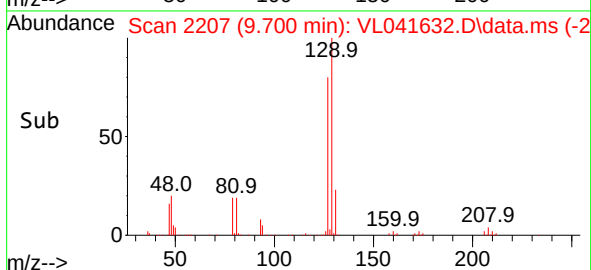
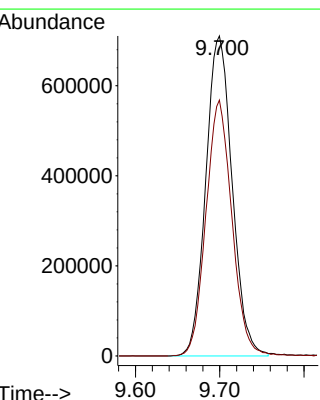
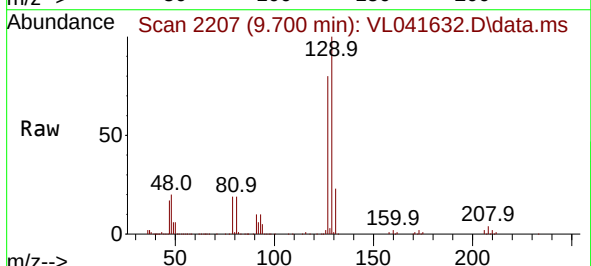
Acq: 26 Sep 2024 7:48

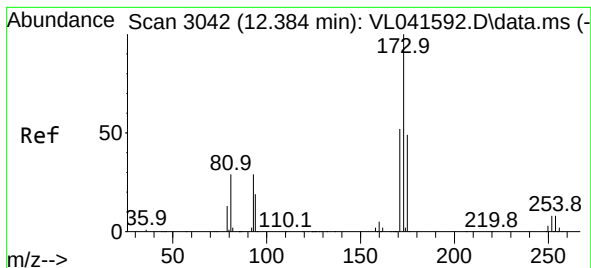
Tgt Ion:129 Resp: 1541418

Ion Ratio Lower Upper

129 100

127 79.2 39.3 117.9





#49

Bromoform

Concen: 11.943 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. 0.013 min

Lab File: VL041632.D

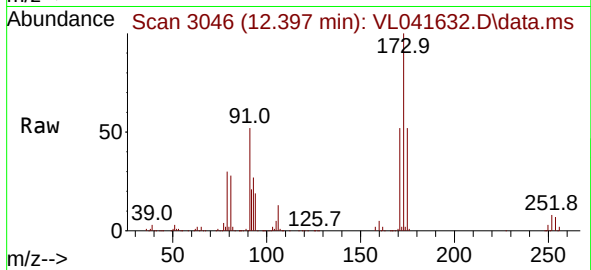
Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 173 Resp: 1334389

Ion Ratio Lower Upper

173 100

175 49.3 40.1 60.1

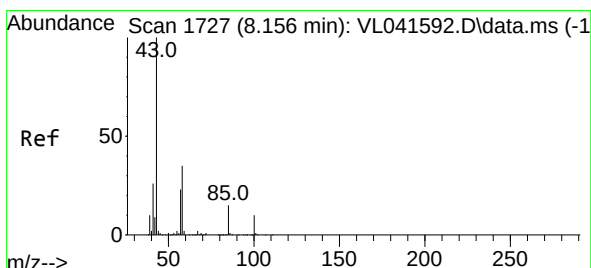
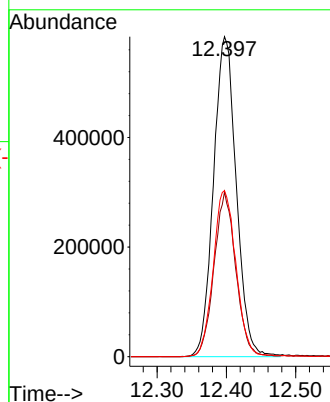
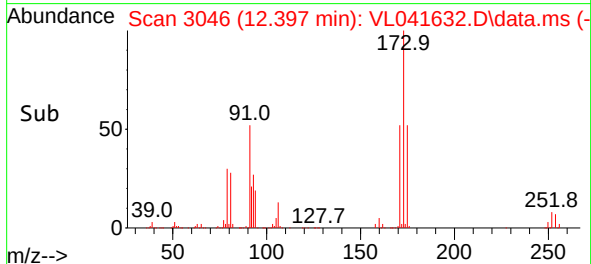
171 52.2 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#50

4-Methyl-2-Pentanone

Concen: 12.148 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.010 min

Lab File: VL041632.D

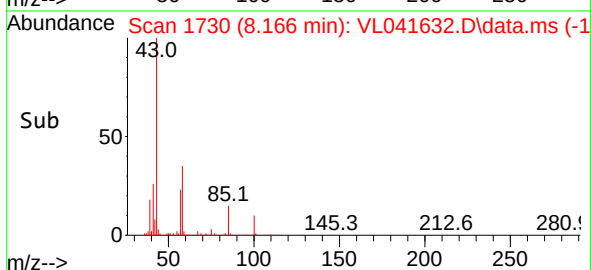
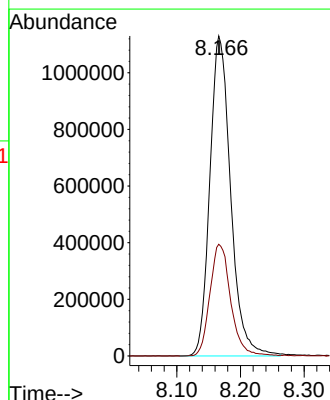
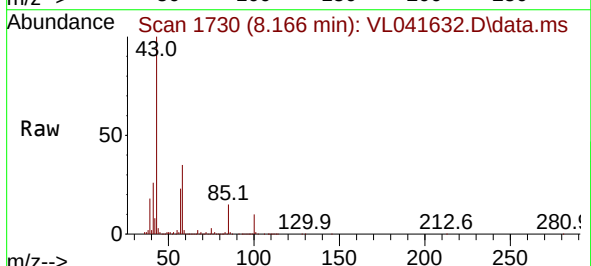
Acq: 26 Sep 2024 7:48

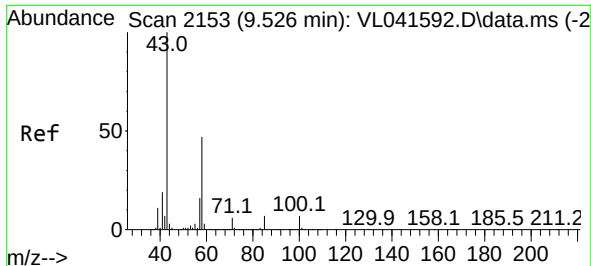
Tgt Ion: 43 Resp: 2561701

Ion Ratio Lower Upper

43 100

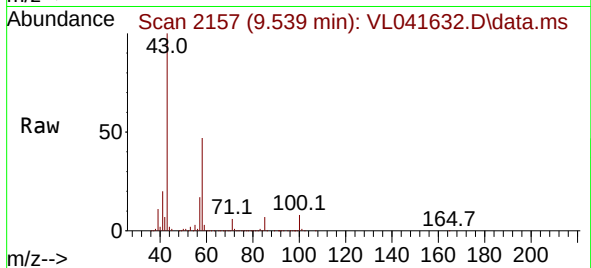
58 35.1 27.8 41.8





#51
2-Hexanone
Concen: 12.763 ppbv
RT: 9.539 min Scan# 2153
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

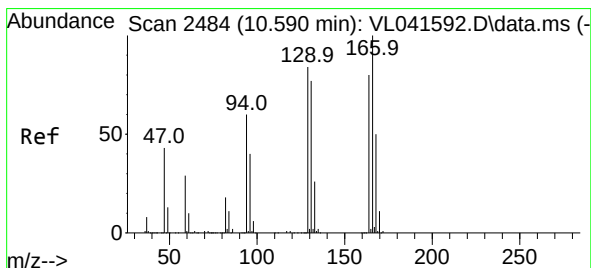
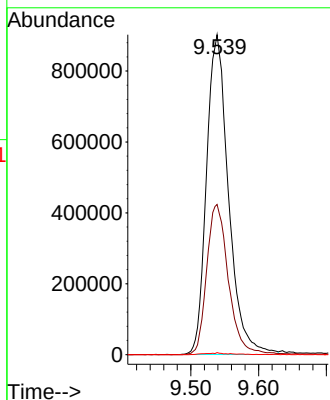
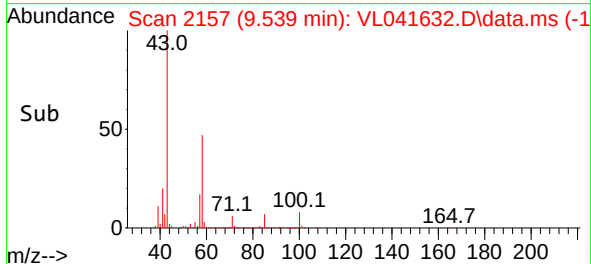
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 203582
Ion Ratio Lower Upper
43 100
58 46.7 37.2 55.8
98 0.6 0.5 0.7

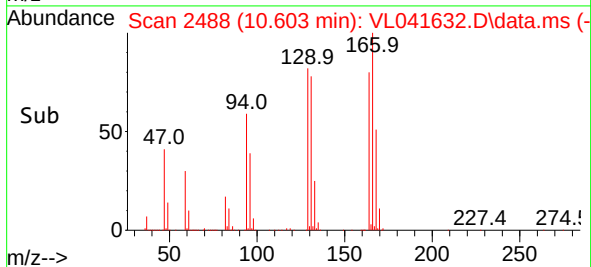
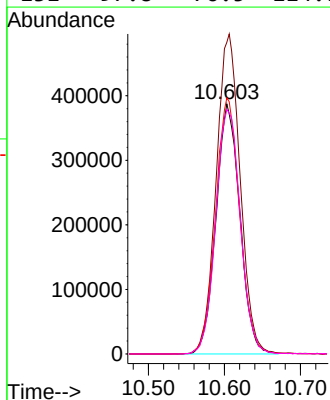
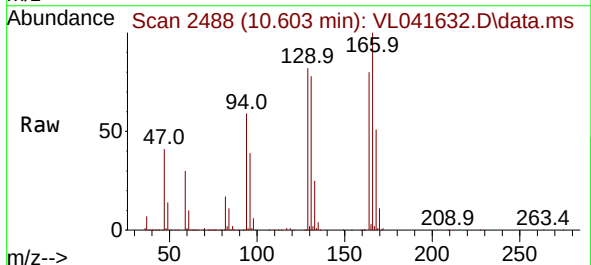
Manual Integrations
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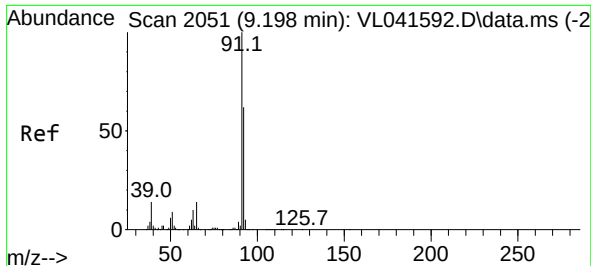
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#52
Tetrachloroethene
Concen: 11.717 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion:164 Resp: 843817
Ion Ratio Lower Upper
164 100
166 124.7 99.4 149.2
129 102.5 83.5 125.3
131 97.8 76.5 114.7





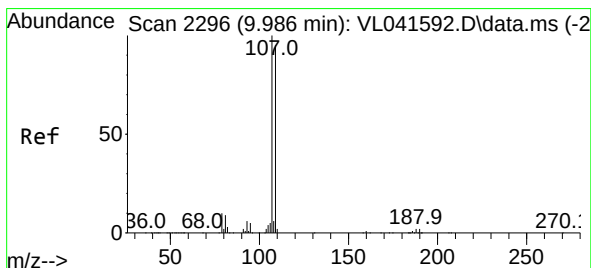
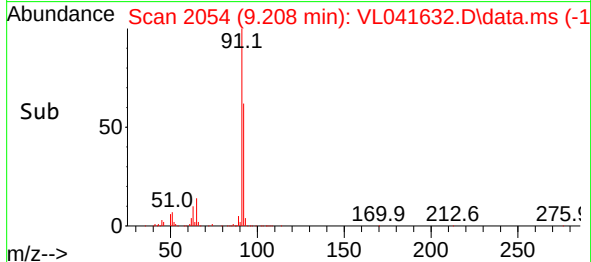
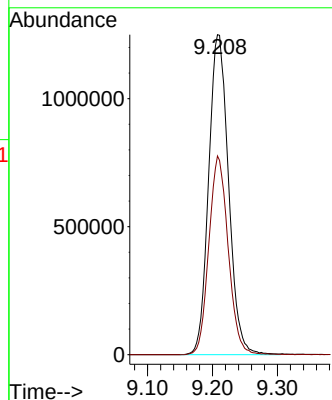
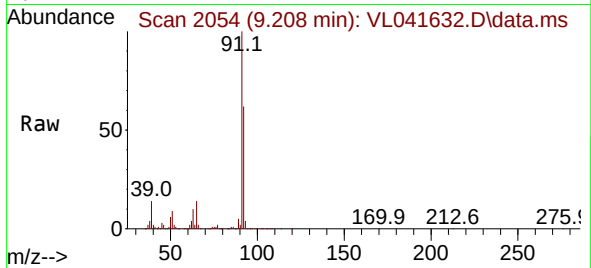
#53
Toluene
Concen: 12.575 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2654708
Ion Ratio Lower Upper
91 100
92 60.5 48.9 73.3

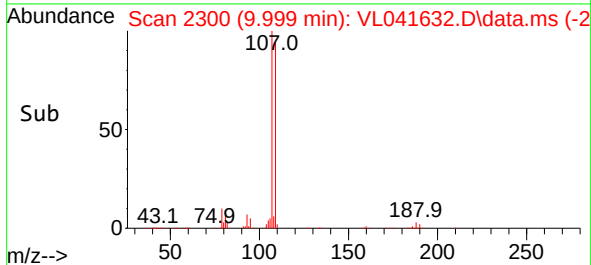
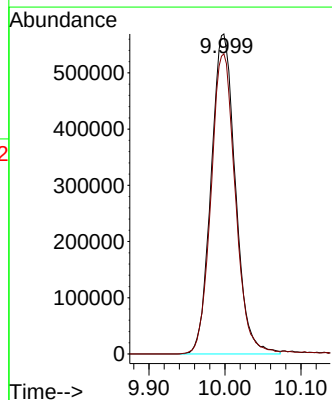
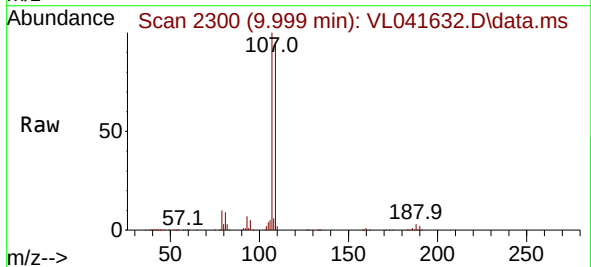
Manual Integrations
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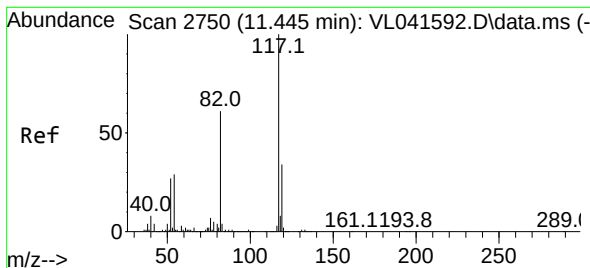
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#54
1,2-Dibromoethane
Concen: 11.916 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

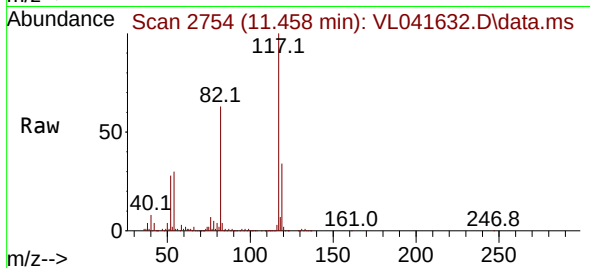
Tgt Ion:107 Resp: 1260557
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

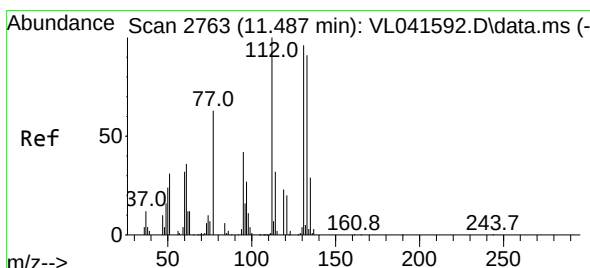
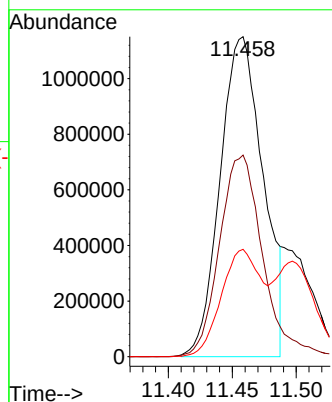
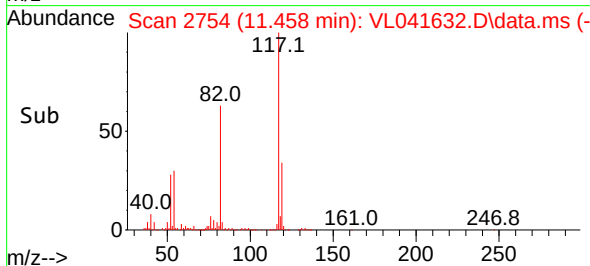
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 269625
Ion Ratio Lower Upper
117 100
82 63.4 49.4 74.2
119 33.2 24.4 36.6

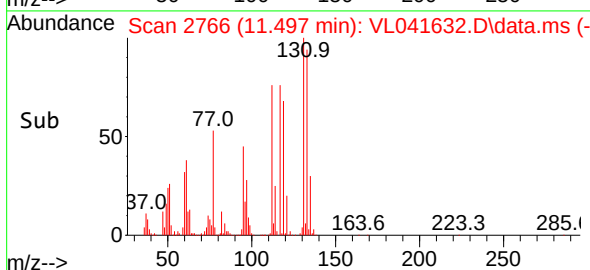
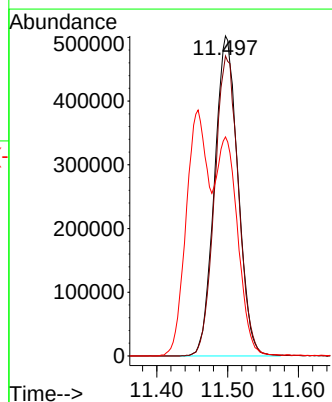
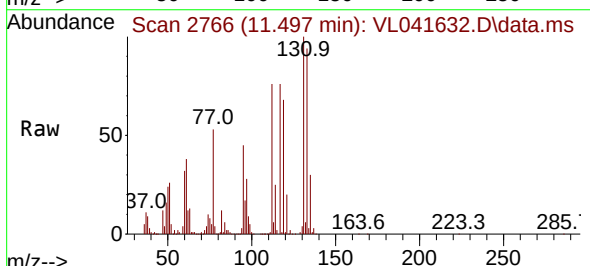
Manual Integrations
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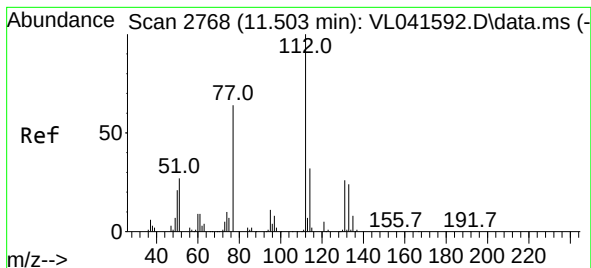
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.987 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

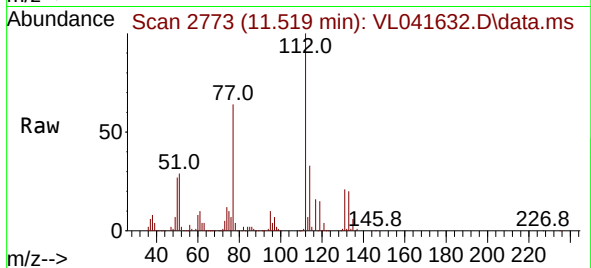
Tgt Ion:131 Resp: 1156633
Ion Ratio Lower Upper
131 100
133 95.5 76.6 115.0
119 60.2 48.5 72.7





#57
Chlorobenzene
Concen: 10.520 ppbv
RT: 11.519 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

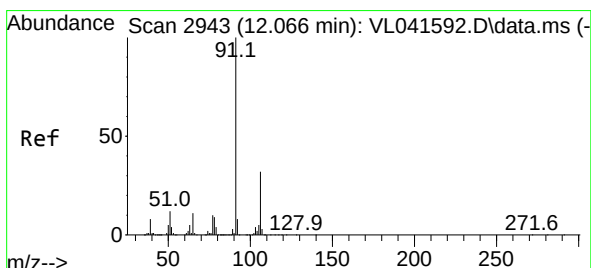
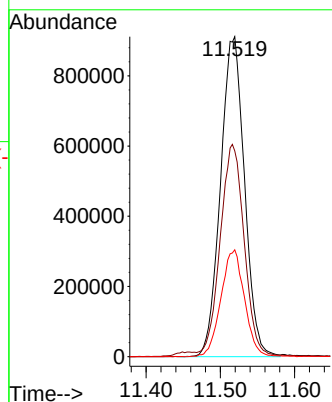
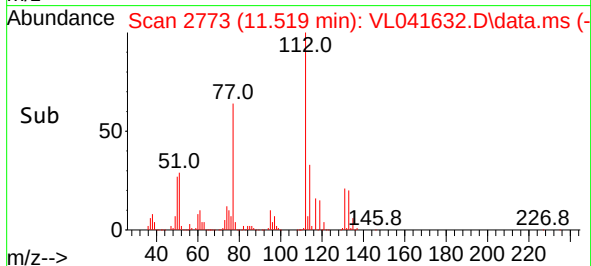
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 204500
Ion Ratio Lower Upper
112 100
77 63.7 52.0 78.0
114 33.4 28.6 35.0

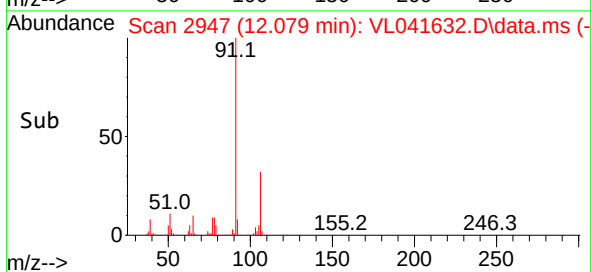
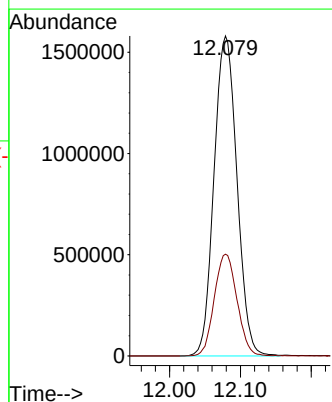
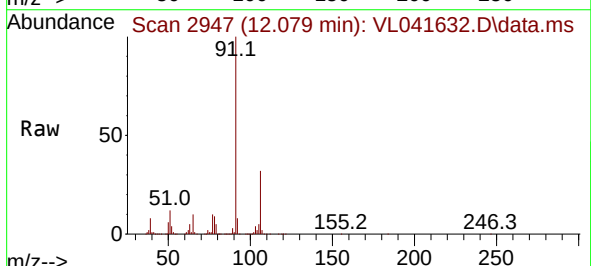
Manual Integrations
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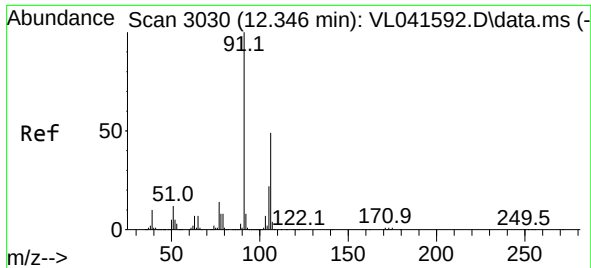
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#58
Ethyl Benzene
Concen: 12.308 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Tgt Ion: 91 Resp: 3552401
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6





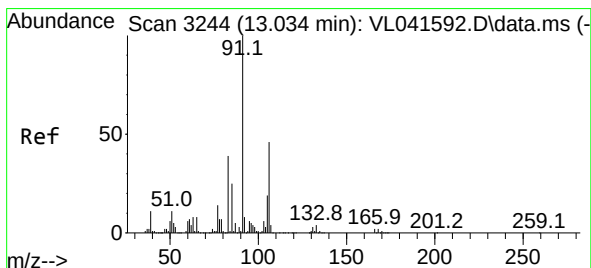
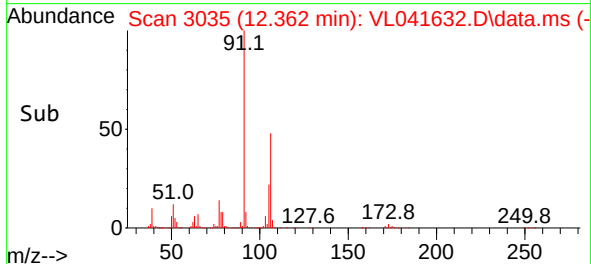
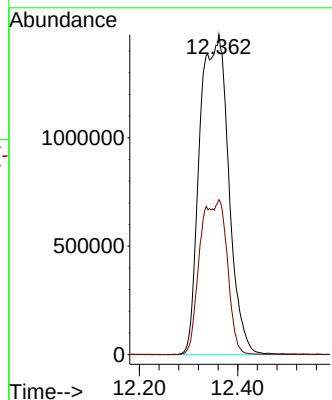
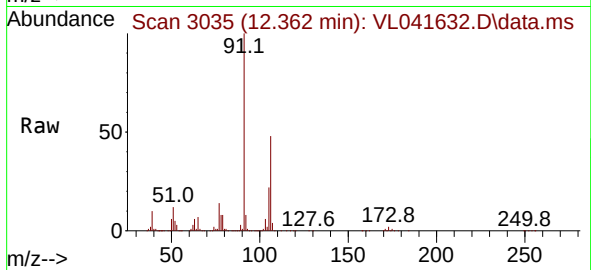
#59
m/p-Xylene
Concen: 23.425 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 601755
Ion Ratio Lower Upper
91 100
106 45.8 36.8 55.2

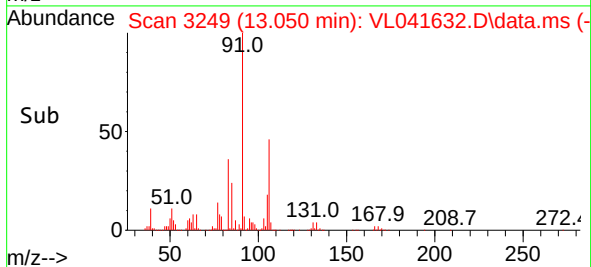
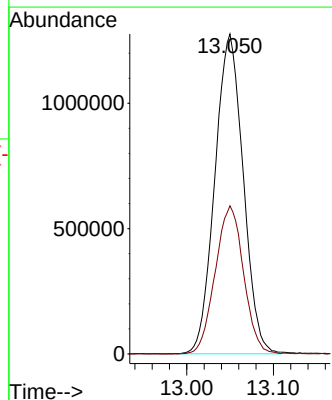
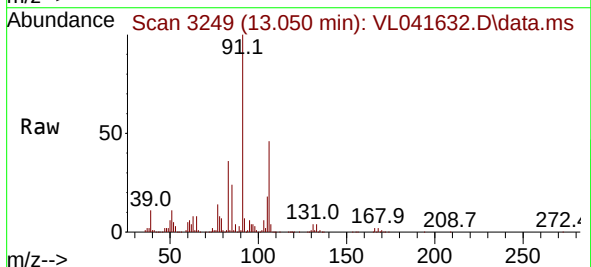
Manual Integrations
APPROVED

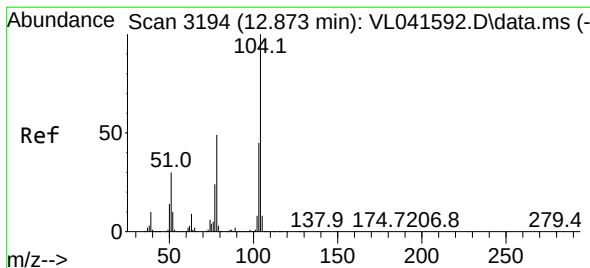
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#60
o-Xylene
Concen: 11.742 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

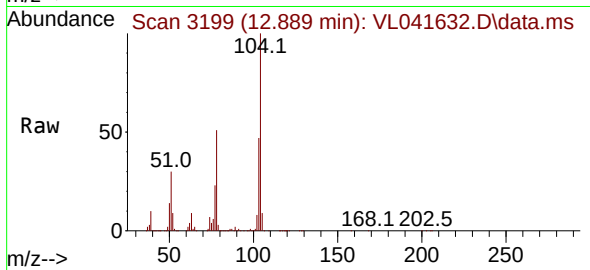
Tgt Ion: 91 Resp: 2892079
Ion Ratio Lower Upper
91 100
106 46.5 23.1 69.3





#61
Styrene
Concen: 13.588 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

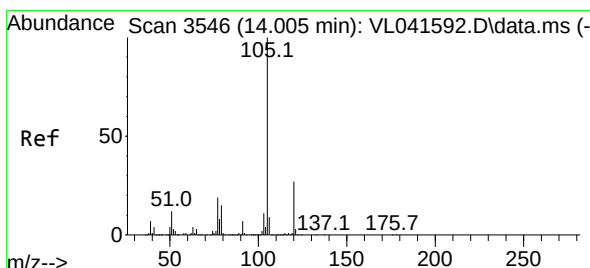
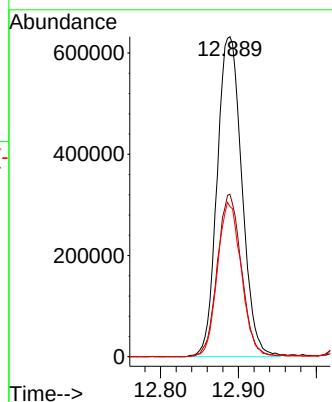
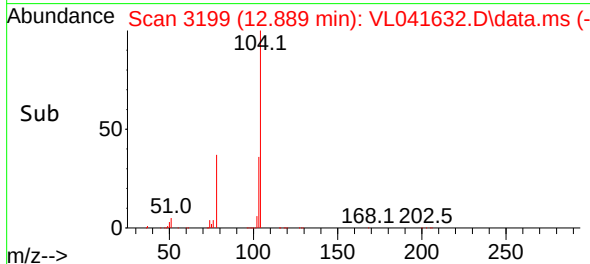
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



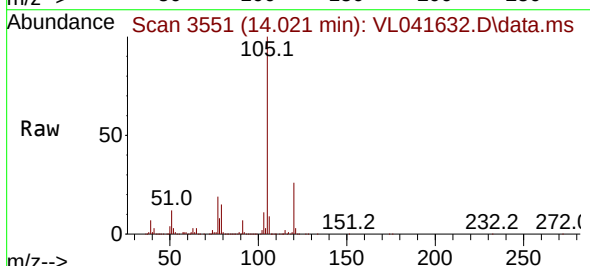
Tgt Ion:104 Resp: 1398140
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 46.8 37.4 56.0

Manual Integrations
APPROVED

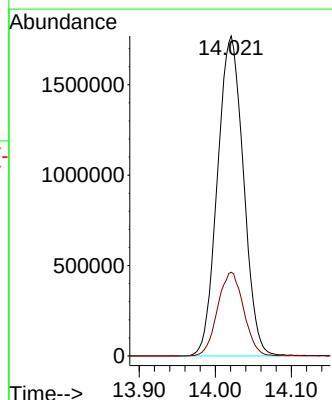
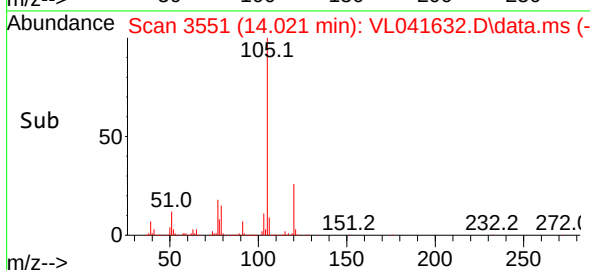
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

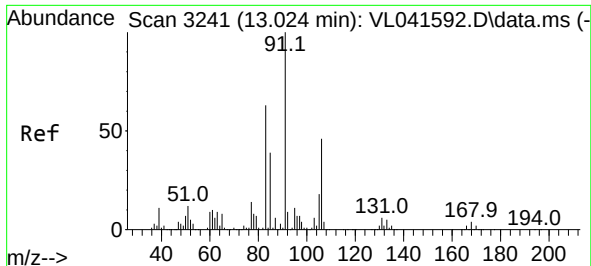


#62
Isopropylbenzene
Concen: 11.257 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



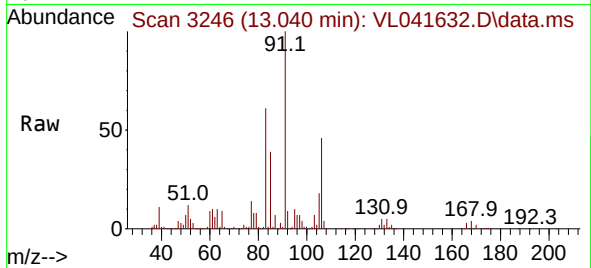
Tgt Ion:105 Resp: 4200430
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.991 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

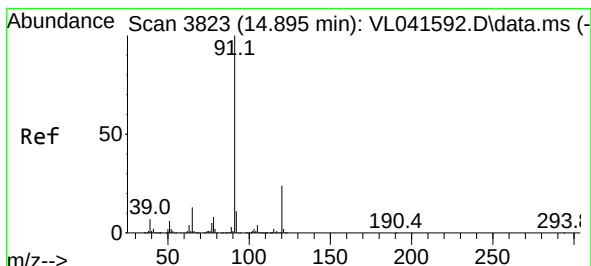
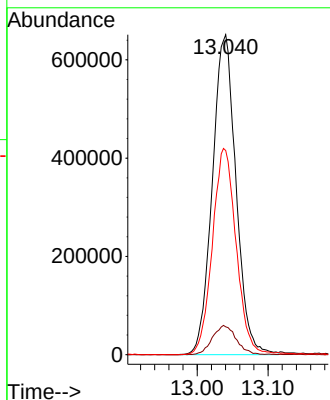
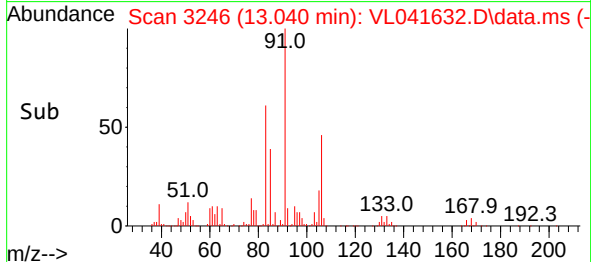
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



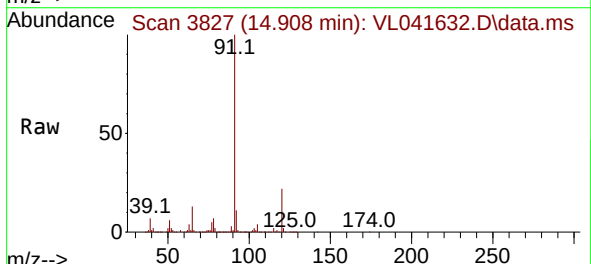
Tgt Ion: 83 Resp: 150993
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.3 32.5 97.4

Manual Integrations
APPROVED

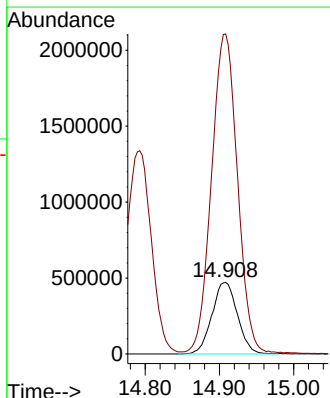
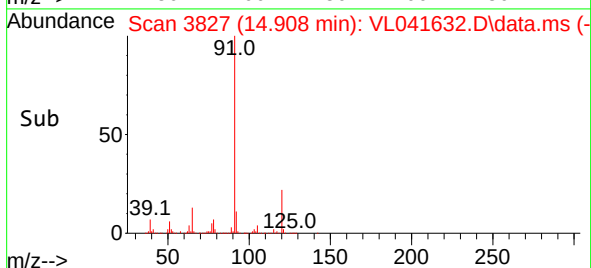
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

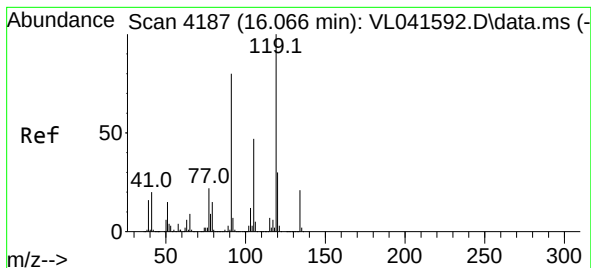


#64
n-propylbenzene
Concen: 11.669 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



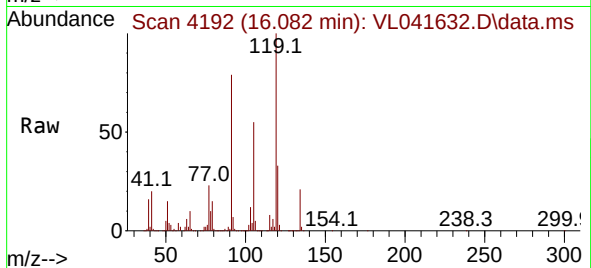
Tgt Ion:120 Resp: 1124454
Ion Ratio Lower Upper
120 100
91 457.7 366.4 549.6





#65
tert-Butylbenzene
Concen: 10.986 ppbv
RT: 16.082 min Scan# 4187
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

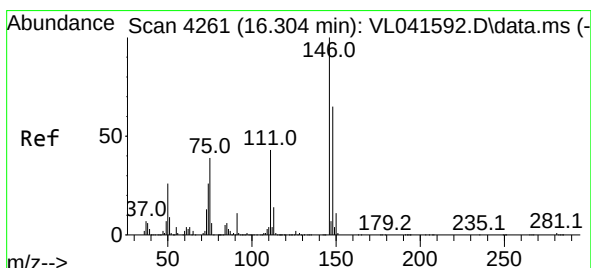
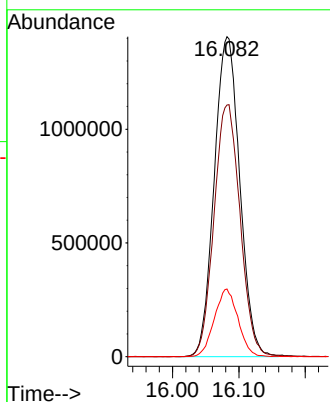
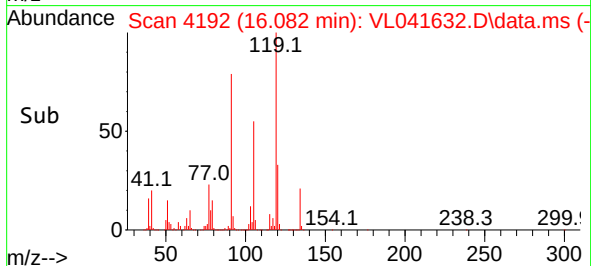
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



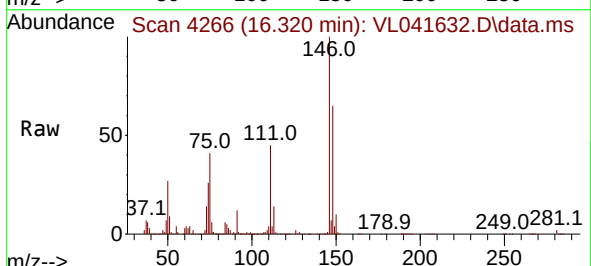
Tgt Ion:119 Resp: 3757704
Ion Ratio Lower Upper
119 100
91 80.5 64.6 96.8
134 19.7 15.8 23.8

Manual Integrations
APPROVED

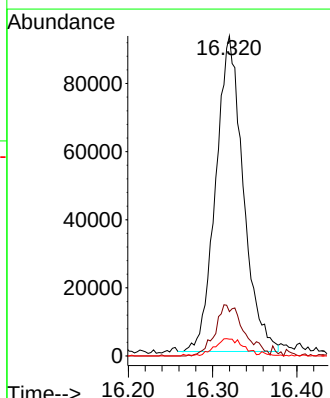
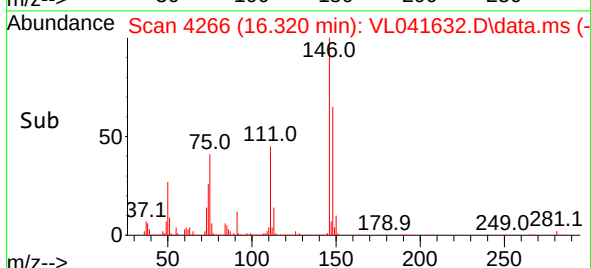
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

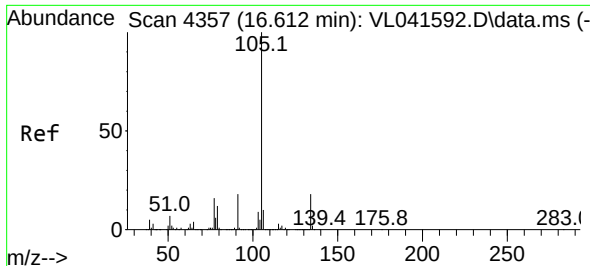


#66
Benzyl Chloride
Concen: 11.798 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



Tgt Ion: 91 Resp: 209775
Ion Ratio Lower Upper
91 100
126 18.2 15.4 23.2
128 6.1 4.8 7.2





#67

sec-Butylbenzene

Concen: 11.111 ppbv

RT: 16.625 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 527238

Ion Ratio Lower Upper

105 100

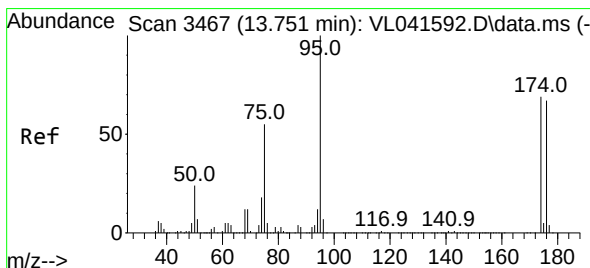
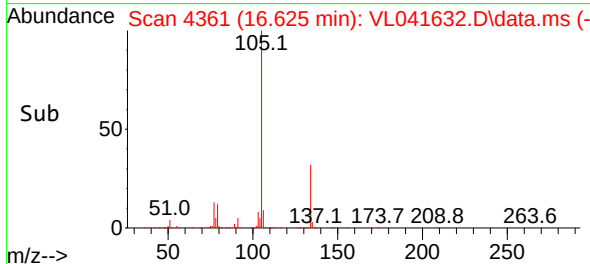
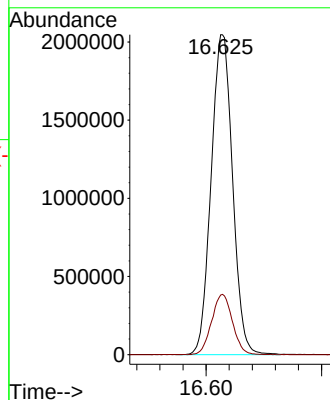
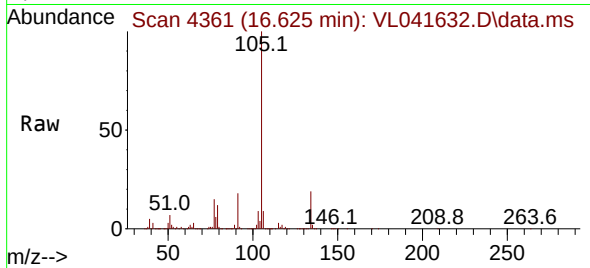
134 18.4 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.256 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. 0.016 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

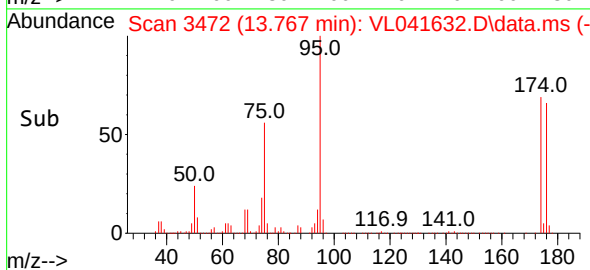
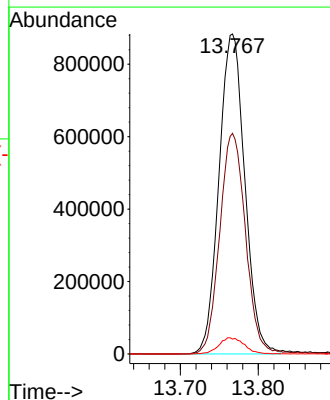
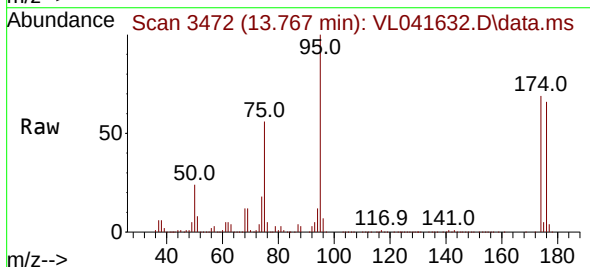
Tgt Ion: 95 Resp: 2035665

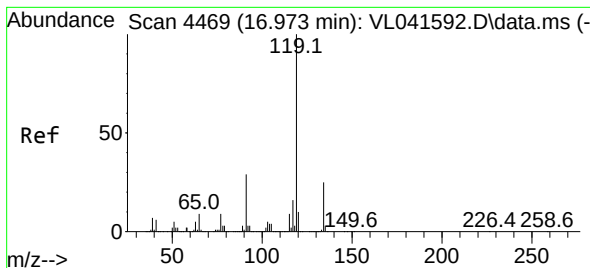
Ion Ratio Lower Upper

95 100

174 69.6 55.8 83.8

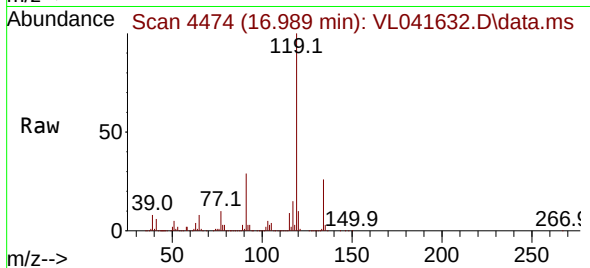
175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 11.456 ppbv
RT: 16.989 min Scan# 4469
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

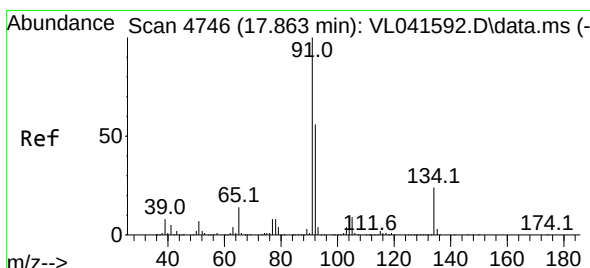
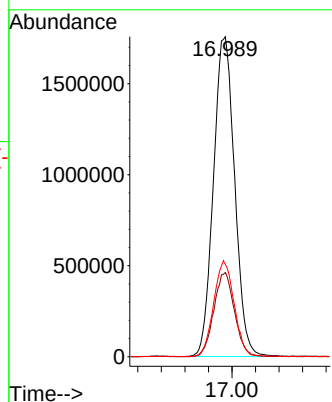
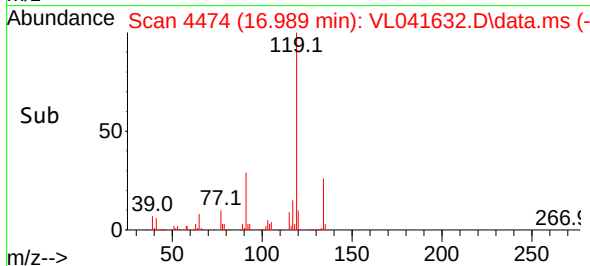
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 440027
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.0 23.1 34.7

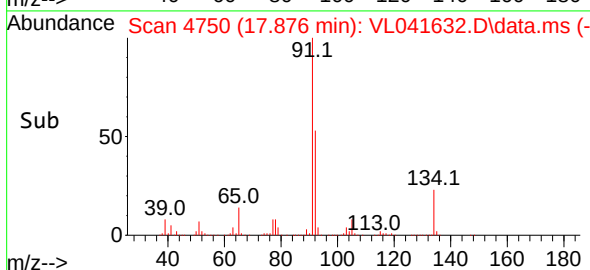
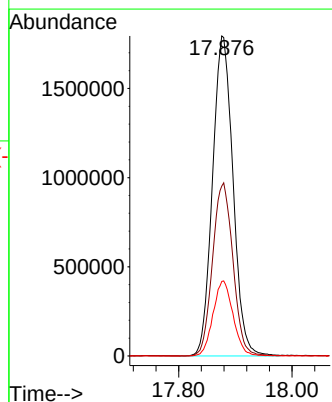
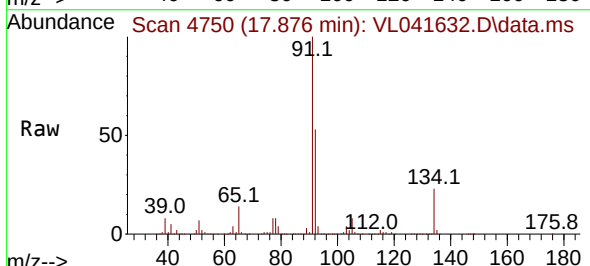
Manual Integrations
APPROVED

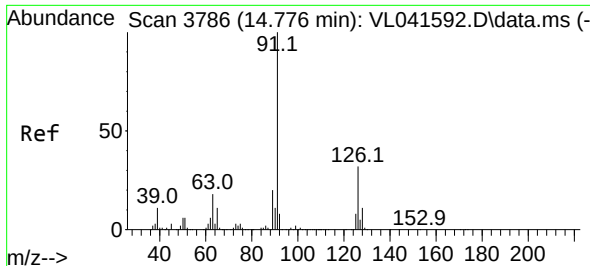
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#70
n-Butylbenzene
Concen: 11.200 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

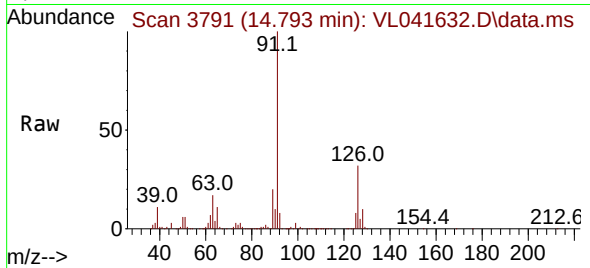
Tgt Ion: 91 Resp: 4506796
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 23.0 18.6 27.8





#71
2-Chlorotoluene
Concen: 11.445 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

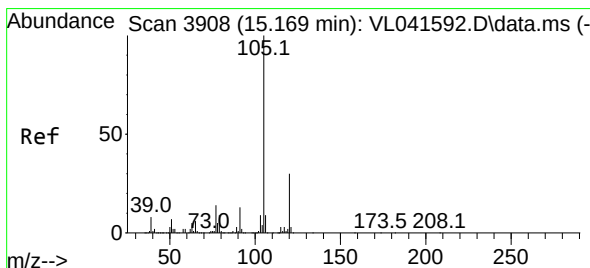
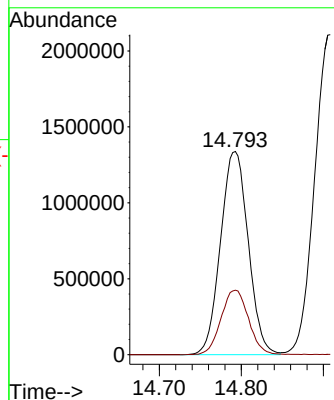
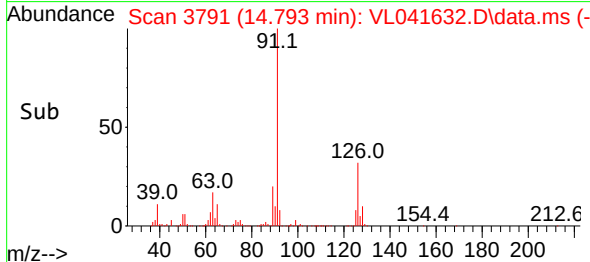
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 3142069
Ion Ratio Lower Upper
91 100
126 31.6 12.9 51.5

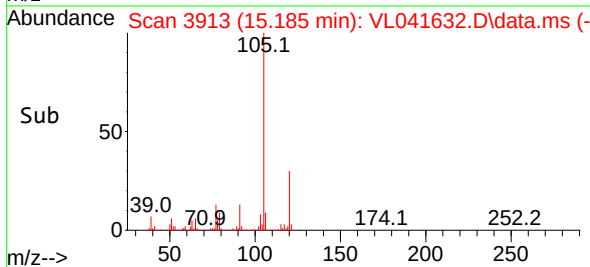
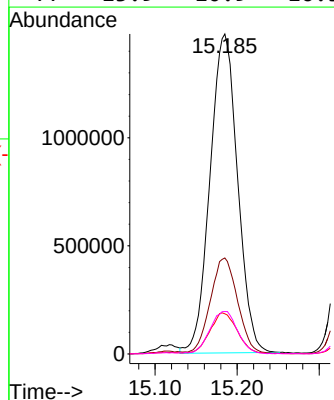
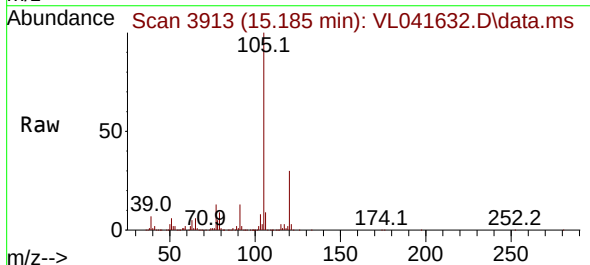
Manual Integrations
APPROVED

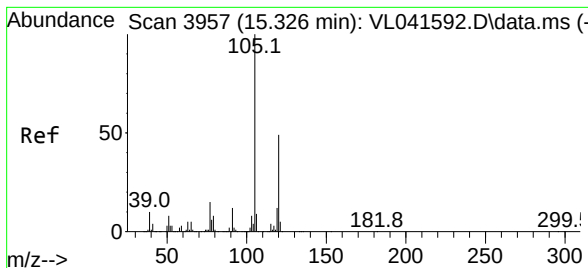
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024



#72
4-Ethyltoluene
Concen: 11.979 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

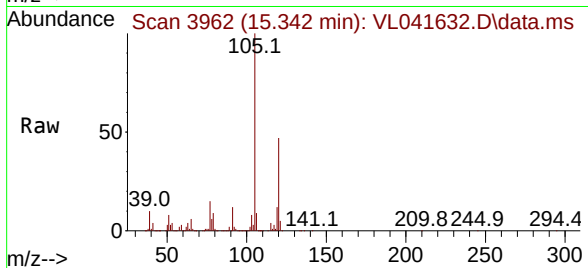
Tgt Ion:105 Resp: 3448647
Ion Ratio Lower Upper
105 100
120 30.1 24.1 36.1
91 12.8 10.2 15.2
77 13.9 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 11.567 ppbv
RT: 15.342 min Scan# 3957
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

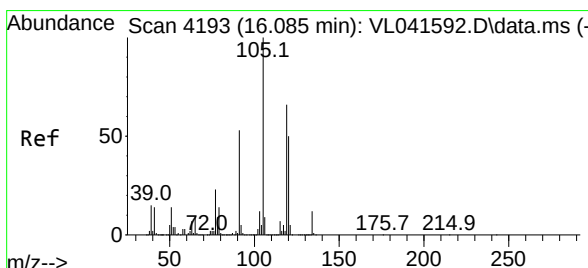
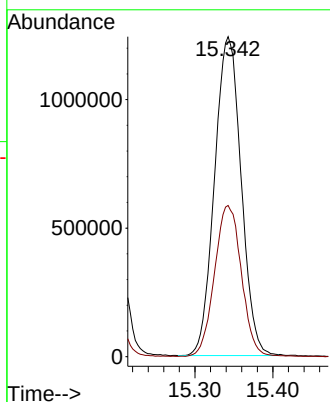
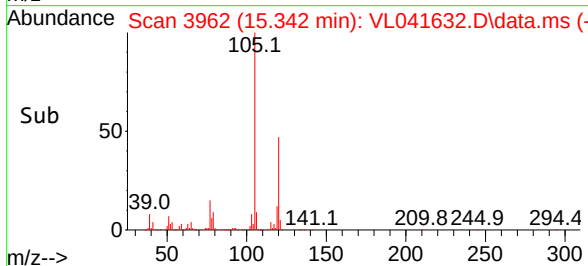
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



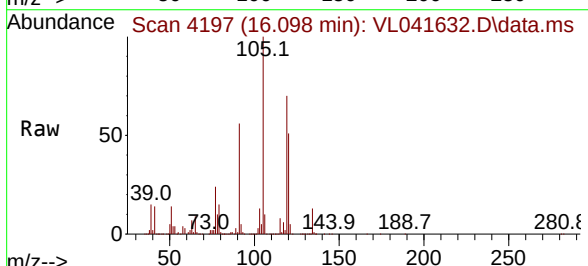
Tgt Ion:105 Resp: 294063
Ion Ratio Lower Upper
105 100
120 47.3 39.4 59.0

Manual Integrations
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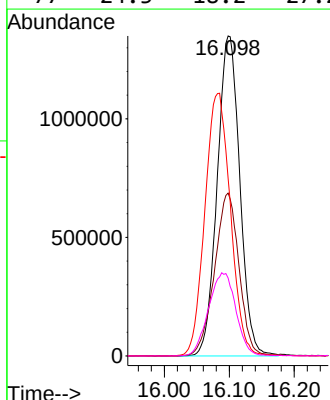
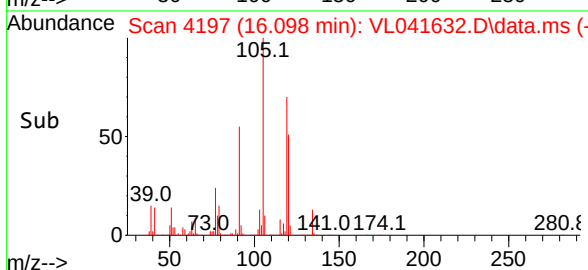
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

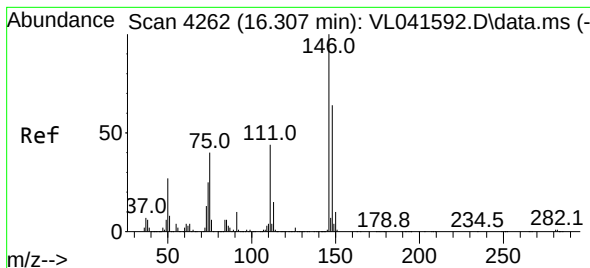


#74
1,2,4-Trimethylbenzene
Concen: 10.948 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.013 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



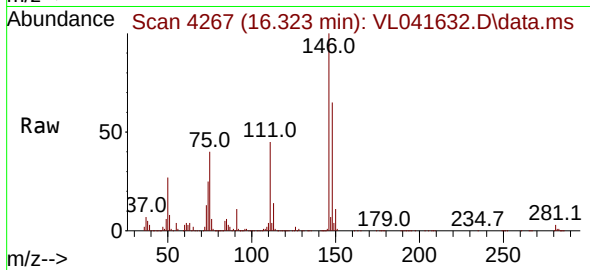
Tgt Ion:105 Resp: 3257774
Ion Ratio Lower Upper
105 100
120 50.9 39.9 59.9
91 55.4 42.6 63.8
77 24.3 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 10.518 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48

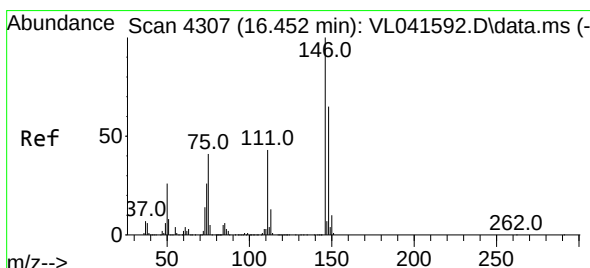
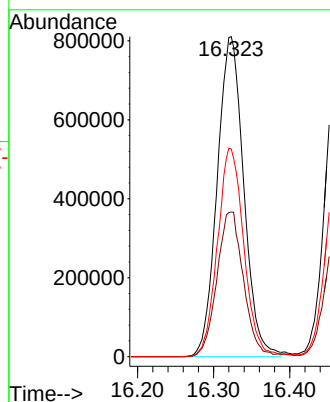
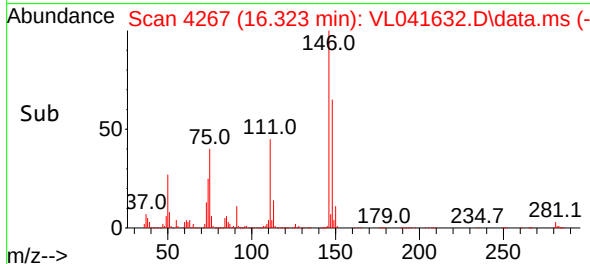
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



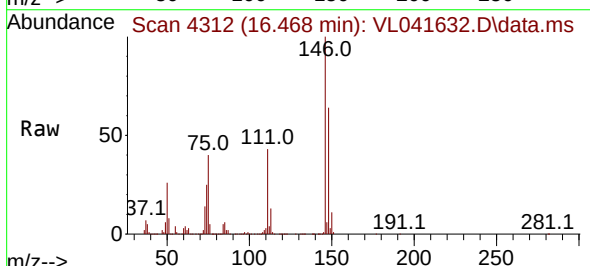
Tgt Ion:146 Resp: 1961320
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 64.8 32.1 96.5

Manual Integrations
APPROVED

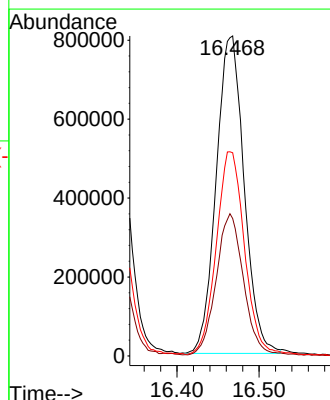
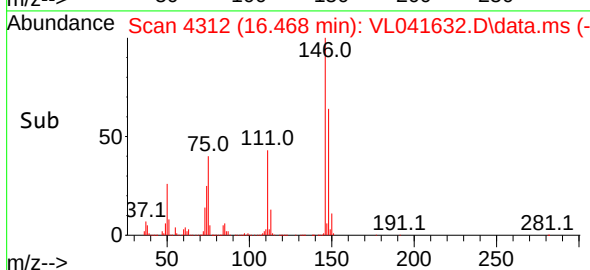
Reviewed By :Semsettin Yesilyurt 09/26/2024
Supervised By :Mahesh Dadoda 09/26/2024

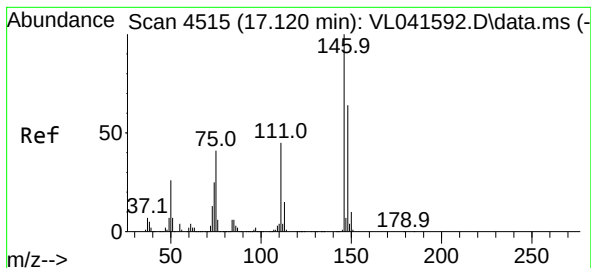


#76
1,4-Dichlorobenzene
Concen: 10.653 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.016 min
Lab File: VL041632.D
Acq: 26 Sep 2024 7:48



Tgt Ion:146 Resp: 1903666
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.3
148 66.1 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 10.325 ppbv

RT: 17.133 min Scan# 4515

Delta R.T. 0.013 min

Lab File: VL041632.D

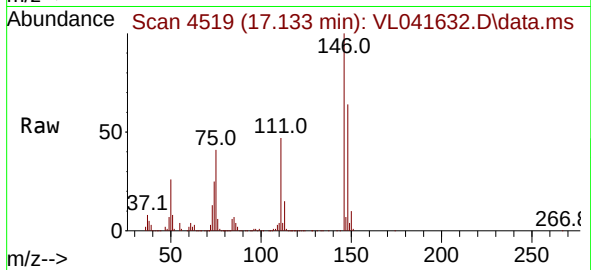
Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1900904

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

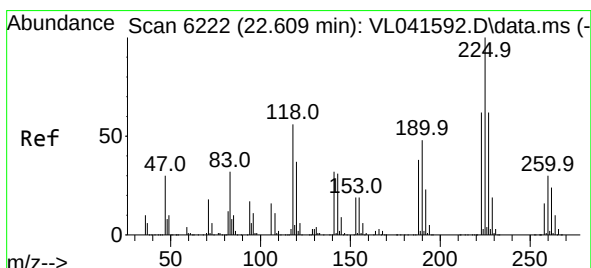
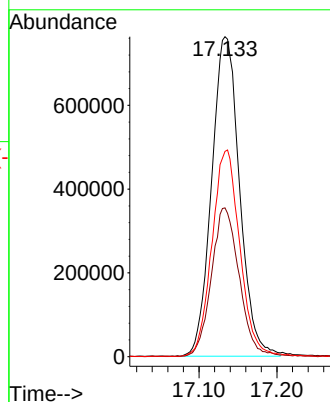
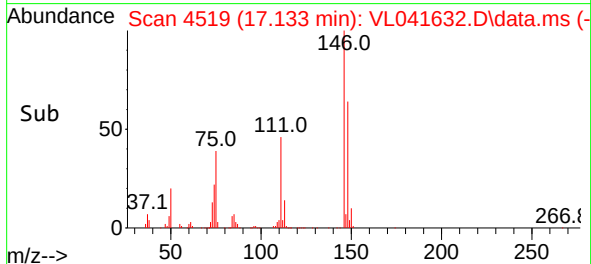
148 64.8 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.903 ppbv m

RT: 22.628 min Scan# 6228

Delta R.T. 0.019 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

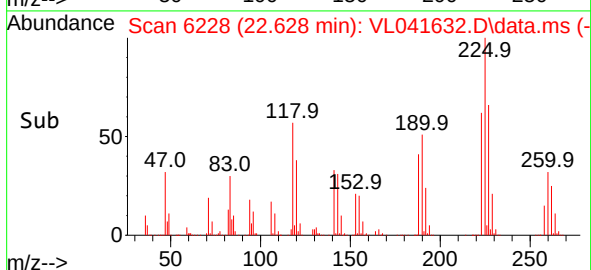
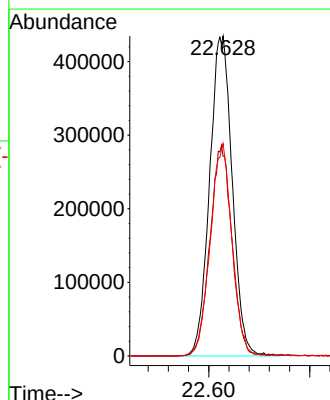
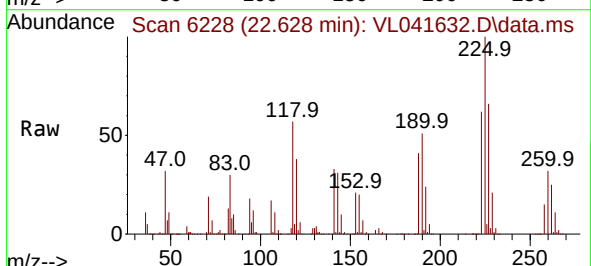
Tgt Ion:225 Resp: 1352047

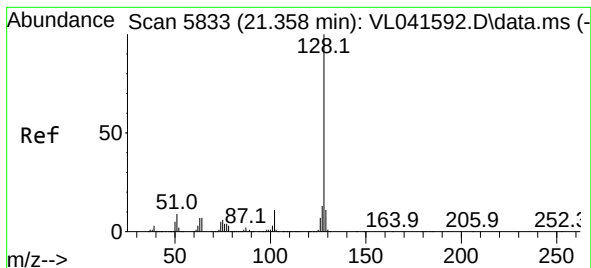
Ion Ratio Lower Upper

225 100

223 64.1 50.6 75.8

227 63.9 50.9 76.3





#79

Naphthalene

Concen: 12.193 ppbv

RT: 21.374 min Scan# 5833

Delta R.T. 0.016 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 267015

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

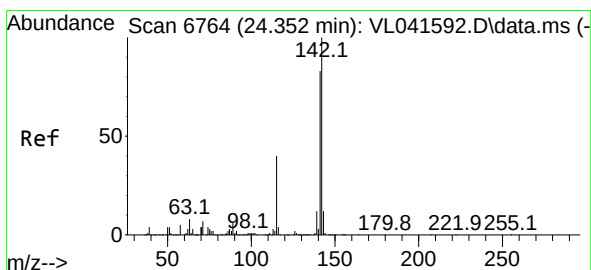
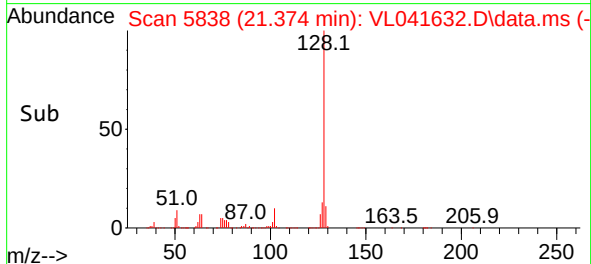
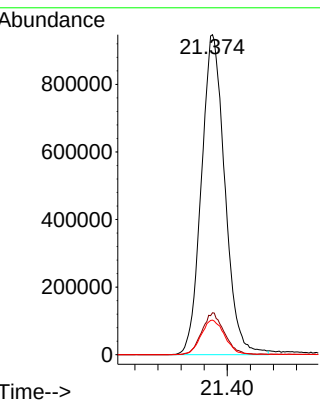
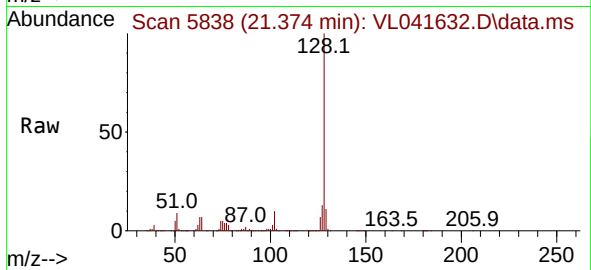
129 10.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024

Supervised By :Mahesh Dadoda 09/26/2024



#80

Naphthalene,2-methyl-

Concen: 6.667 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.016 min

Lab File: VL041632.D

Acq: 26 Sep 2024 7:48

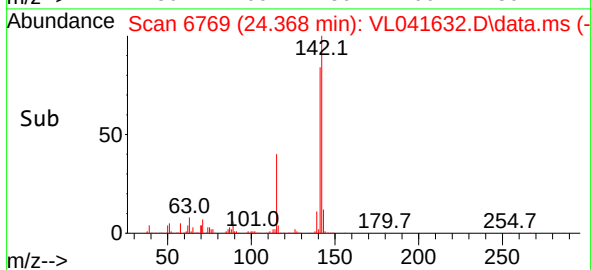
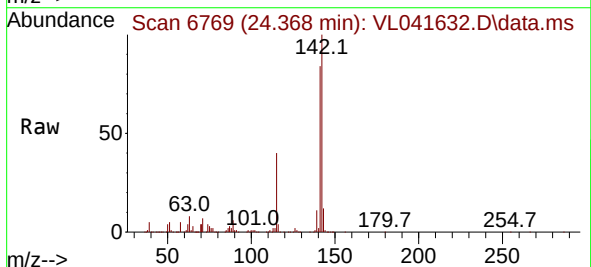
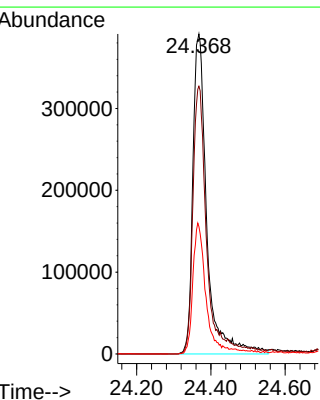
Tgt Ion:142 Resp: 1023004

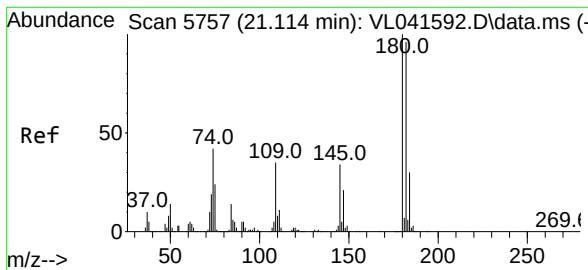
Ion Ratio Lower Upper

142 100

141 83.2 66.3 99.5

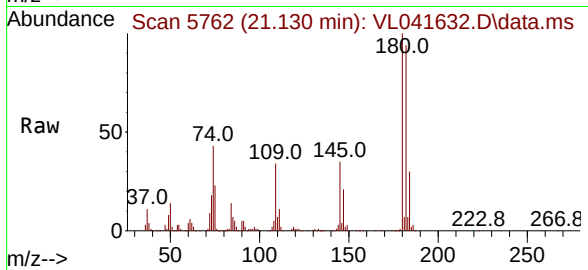
115 39.7 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.167 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.016 min
 Lab File: VL041632.D
 Acq: 26 Sep 2024 7:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1415504

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.5	114.7
184	31.0	24.7	37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

