

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041188.D
 Acq On : 2 May 2024 9:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 03 03:37:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

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

Internal Standards						
1) Bromochloromethane	5.192	49	1024404	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2598160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2562568m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1863095	9.630	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.729	85	1346849	9.720	ppbv	99
3) Chlorodifluoromethane	2.674	51	1426532	9.169	ppbv	100
4) Chloromethane	2.812	50	577585	9.461	ppbv	99
5) Vinyl Chloride	2.918	62	589624	9.614	ppbv	97
6) Bromomethane	3.118	94	211441	9.449	ppbv	95
7) Chloroethane	3.195	64	208863	9.646	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1389020	9.685	ppbv	100
9) Propene	2.693	41	551683	9.061	ppbv	100
10) Heptane	7.581	43	1345269	9.119	ppbv	99
11) Trichlorofluoromethane	3.558	101	1365494	9.696	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1036471	9.953	ppbv	99
13) Ethanol	3.237	45	133683	9.794	ppbv	99
14) Bromoethene	3.365	108	415991	9.679	ppbv	99
15) Acetone	3.465	43	1061602	8.781	ppbv	98
16) 1,3-Butadiene	2.983	39	600030	9.832	ppbv	98
17) tert-Butyl alcohol	3.873	59	1279810	9.813	ppbv	100
18) 1,1-Dichloroethene	3.877	96	453914	9.776	ppbv	100
19) Isopropyl Alcohol	3.571	45	807866	10.183	ppbv #	43
20) Methylene Chloride	3.931	84	384181	9.138	ppbv	99
21) Allyl Chloride	3.996	41	763587	9.686	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	476702	9.872	ppbv	96
23) Vinyl Acetate	4.626	43	1339196	10.059	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1026680	9.918	ppbv	99
25) Ethyl Acetate	5.201	43	2273169	9.420	ppbv	99
26) Hexane	5.211	57	989367	9.187	ppbv	98
27) Carbon Disulfide	4.121	76	1254032	9.838	ppbv	98
28) Methyl tert-Butyl Ether	4.584	73	838056	9.774	ppbv	100
29) Chloroform	5.272	83	1431175	9.634	ppbv	97
30) Cyclohexane	6.600	84	799290	9.377	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	963976	9.562	ppbv	95
32) 1,1,1-Trichloroethane	6.002	97	1426260	9.622	ppbv	100
34) 2-Butanone	4.783	43	1173073	8.871	ppbv	98
35) Carbon Tetrachloride	6.491	117	1418064	9.725	ppbv	98
36) Benzene	6.368	78	2037807	9.346	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1104586	9.710	ppbv	99
38) Trichloroethene	7.288	130	724968	8.923	ppbv	97
39) 1,2-Dichloropropane	7.073	63	795782	9.471	ppbv	99
40) 1,4-Dioxane	7.282	88	309946	10.325	ppbv	90
41) Tetrahydrofuran	5.552	42	902889	9.431	ppbv	99
42) Bromodichloromethane	7.246	83	1603398	9.828	ppbv	98
43) Methyl Methacrylate	7.471	69	835132	9.470	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3445196	9.164	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	651407	10.194	ppbv	100

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 03 03:37:16 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	764920	9.777	ppbv	95
47) 1,1,2-Trichloroethane	8.896	97	803388	9.552	ppbv	99
48) Dibromochloromethane	9.706	129	1321940	9.865	ppbv	99
49) Bromoform	12.407	173	1139522	9.996	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2182176	9.195	ppbv	100
51) 2-Hexanone	9.545	43	1610275	9.148	ppbv #	100
52) Tetrachloroethene	10.613	164	712640	9.299	ppbv	99
53) Toluene	9.220	91	2364051	9.351	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1111878	9.761	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	975213	9.385	ppbv	98
57) Chlorobenzene	11.526	112	1667118	8.883	ppbv	99
58) Ethyl Benzene	12.085	91	3089978	8.794	ppbv	100
59) m/p-Xylene	12.371	91	5148716m	17.434	ppbv	
60) o-Xylene	13.056	91	2410914	8.709	ppbv	99
61) Styrene	12.896	104	1339377	9.159	ppbv	99
62) Isopropylbenzene	14.027	105	3613394	8.727	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	1700222	9.011	ppbv	99
64) n-propylbenzene	14.912	120	945944	9.157	ppbv	100
65) tert-Butylbenzene	16.088	119	3145305	8.481	ppbv	99
66) Benzyl Chloride	16.326	91	386051	9.196	ppbv	98
67) sec-Butylbenzene	16.632	105	4517632	8.653	ppbv	99
69) p-Isopropyltoluene	16.992	119	3728768	8.667	ppbv	100
70) n-Butylbenzene	17.883	91	3907816	8.697	ppbv	100
71) 2-Chlorotoluene	14.799	91	2769095	8.783	ppbv	98
72) 4-Ethyltoluene	15.191	105	2925534	9.330	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	2494223	8.792	ppbv	98
74) 1,2,4-Trimethylbenzene	16.104	105	2726930	8.801	ppbv	98
75) 1,3-Dichlorobenzene	16.329	146	1629857	9.174	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1590703	9.310	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1582443	8.910	ppbv	99
78) Hexachloro-1,3-Butadiene	22.631	225	1240007	7.856	ppbv	99
79) Naphthalene	21.384	128	2799619	9.488	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	920333	7.754	ppbv	97
81) 1,2,4-Trichlorobenzene	21.136	180	1379214	8.853	ppbv	98

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

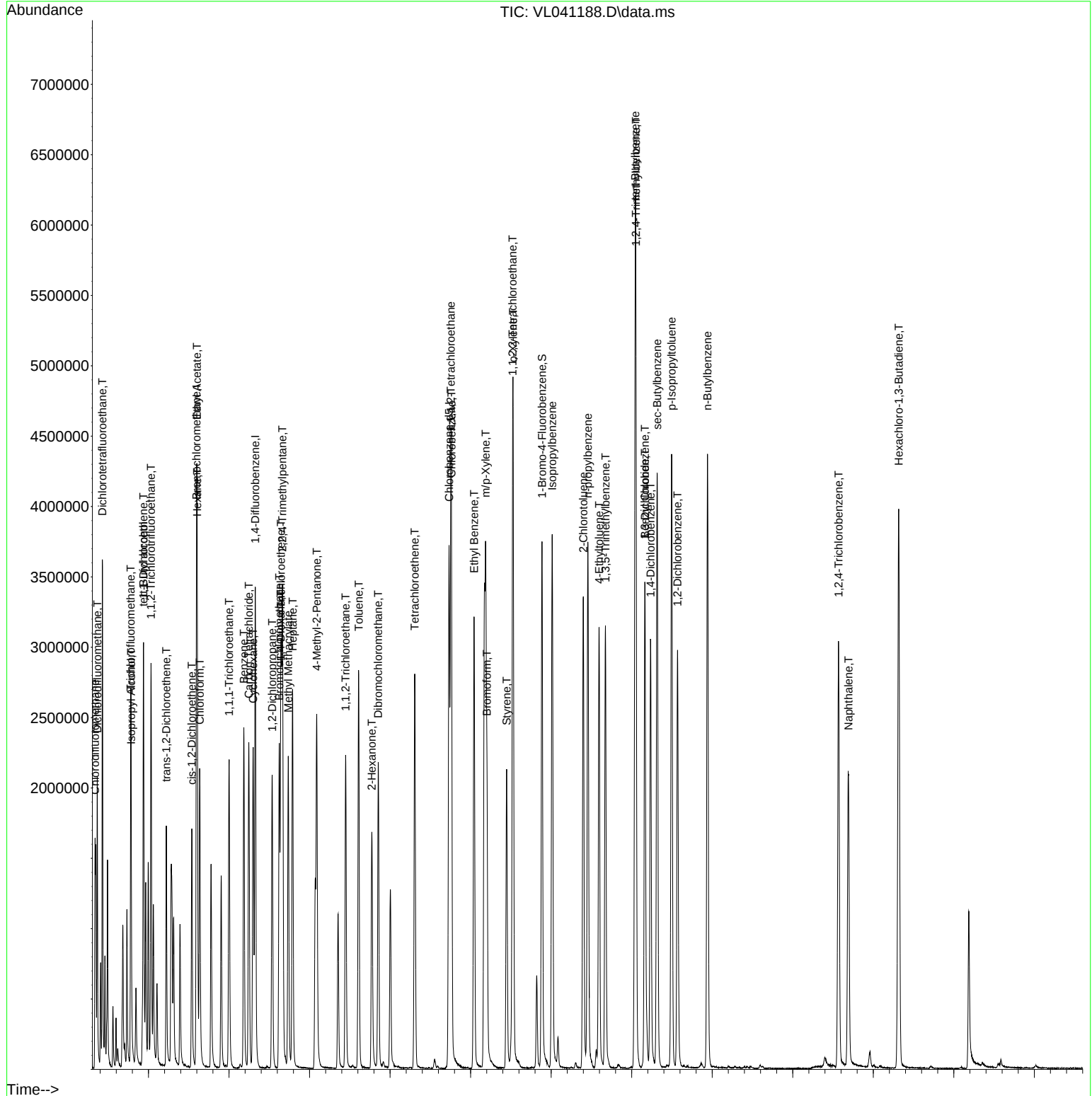
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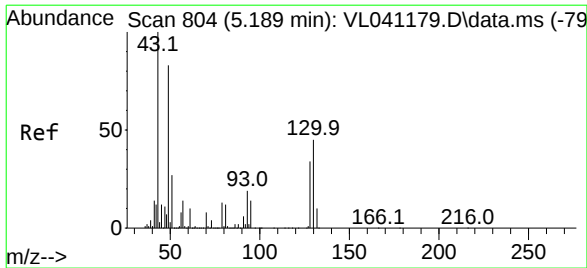
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024

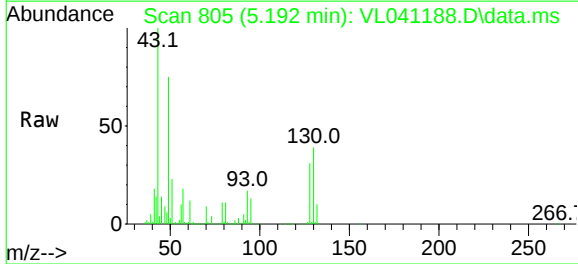
Quant Time: May 03 03:37:16 2024
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

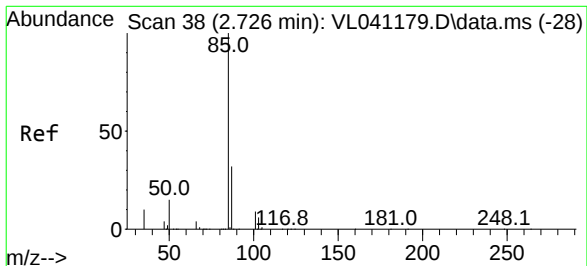
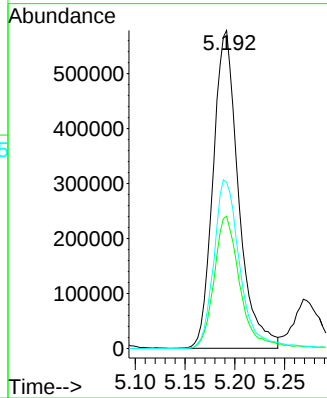
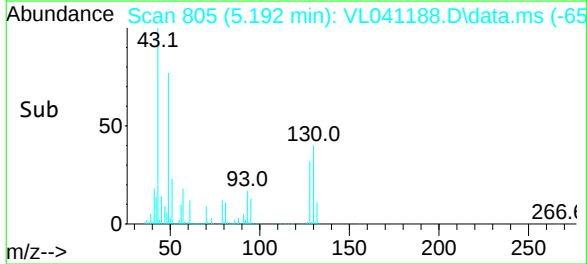
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1024404
Ion Ratio Lower Upper
49 100
128 43.4 21.5 64.5
130 55.2 27.2 81.6

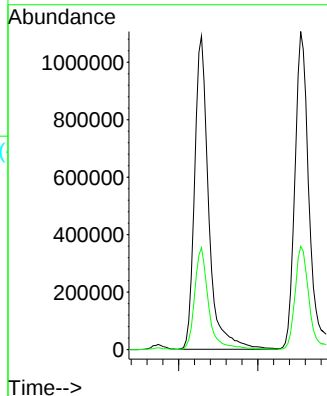
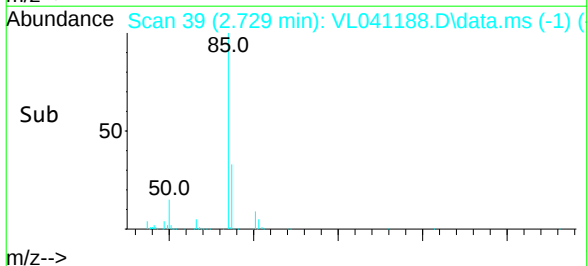
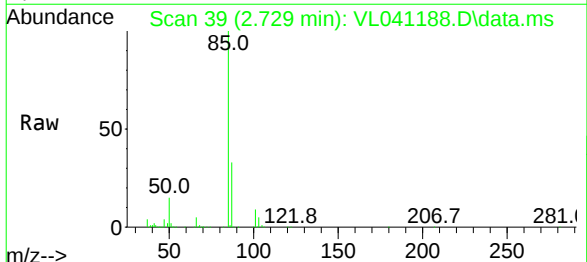
Manual Integrations
APPROVED

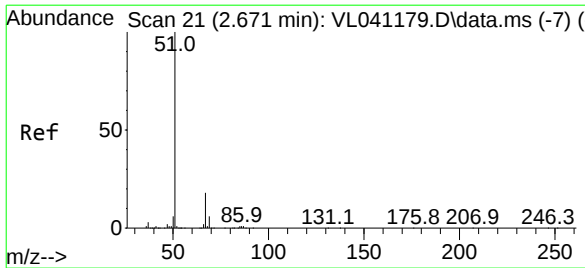
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#2
Dichlorodifluoromethane
Concen: 9.720 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

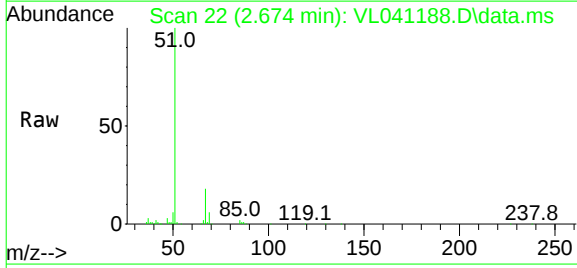
Tgt Ion: 85 Resp: 1346849
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.169 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

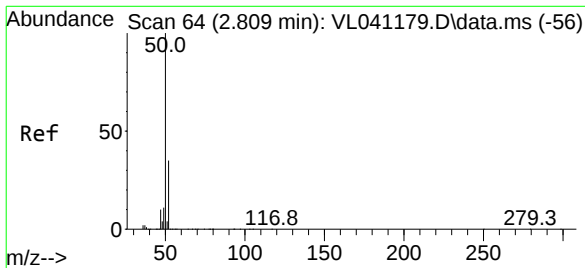
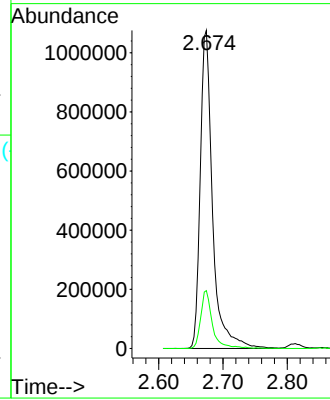
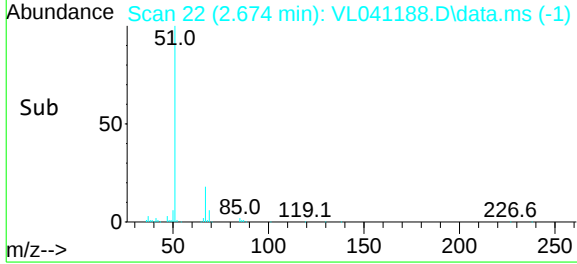
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



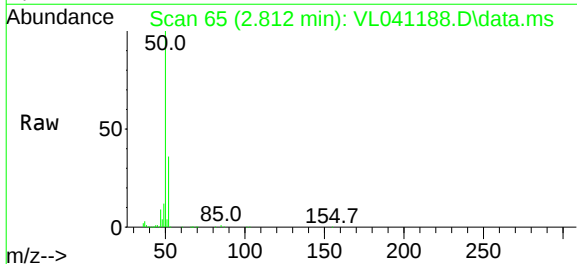
Tgt Ion: 51 Resp: 1426532
Ion Ratio Lower Upper
51 100
67 17.5 14.0 21.0

Manual Integrations
APPROVED

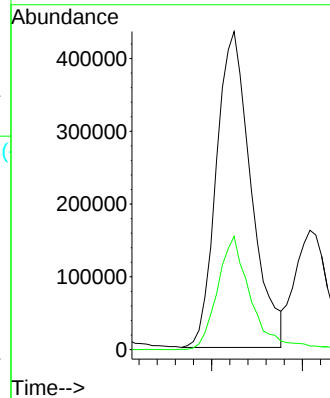
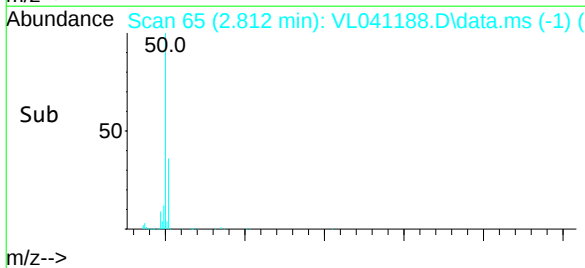
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

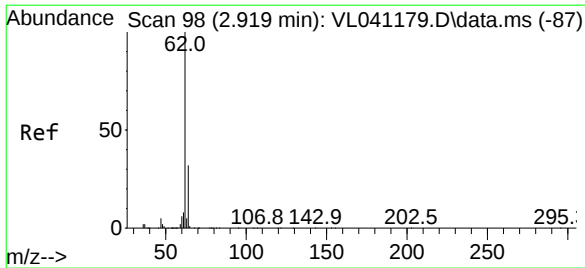


#4
Chloromethane
Concen: 9.461 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion: 50 Resp: 577585
Ion Ratio Lower Upper
50 100
52 35.7 28.3 42.5





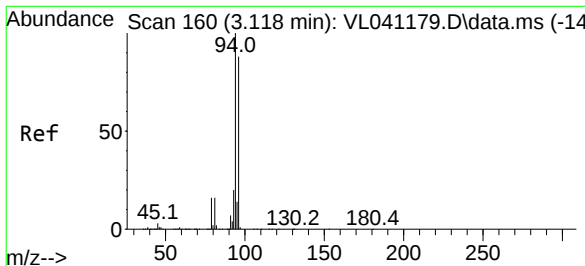
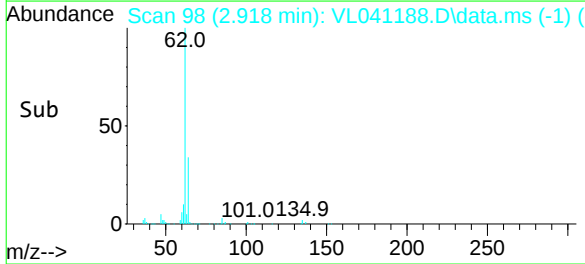
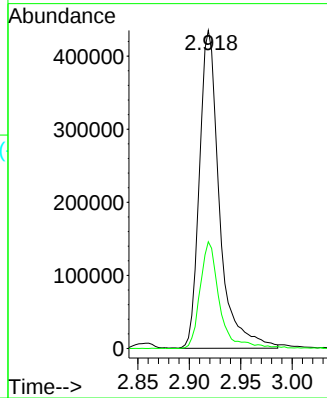
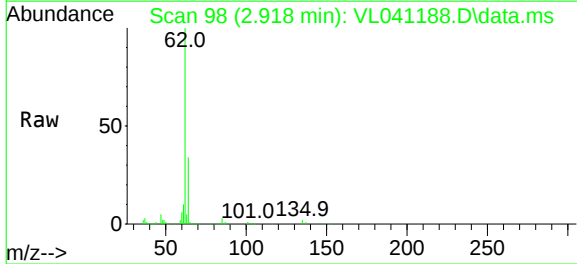
#5
 Vinyl Chloride
 Concen: 9.614 ppbv
 RT: 2.918 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 589624
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.7 38.5

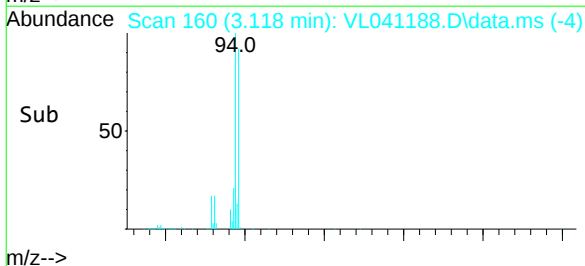
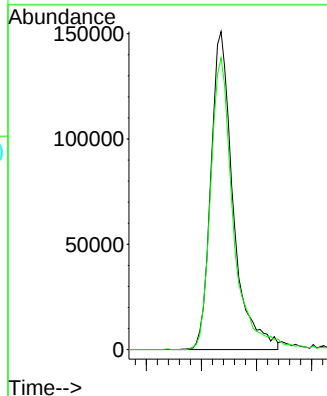
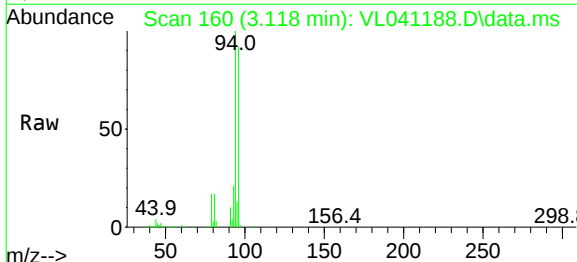
Manual Integrations APPROVED

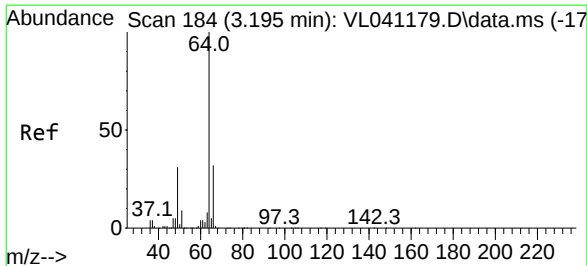
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#6
 Bromomethane
 Concen: 9.449 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Tgt Ion: 94 Resp: 211441
 Ion Ratio Lower Upper
 94 100
 96 91.8 70.1 105.1





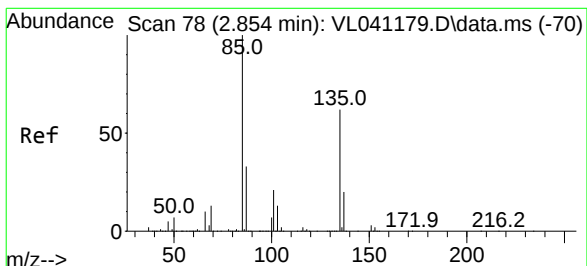
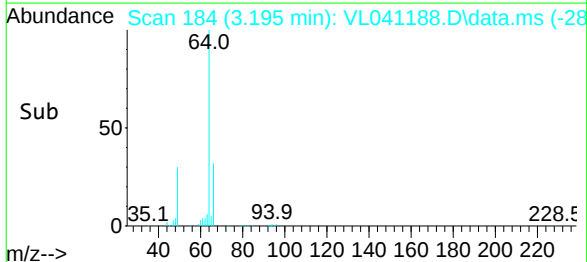
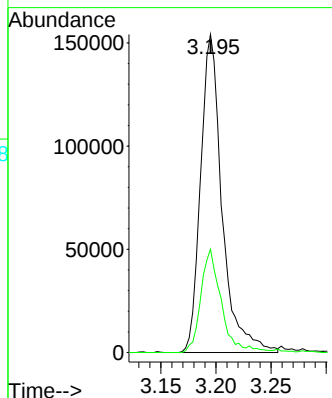
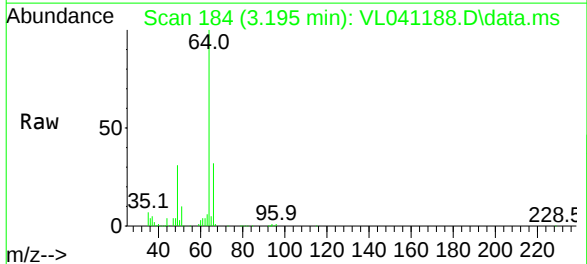
#7
Chloroethane
Concen: 9.646 ppbv
RT: 3.195 min Scan# 184
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 208863
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2

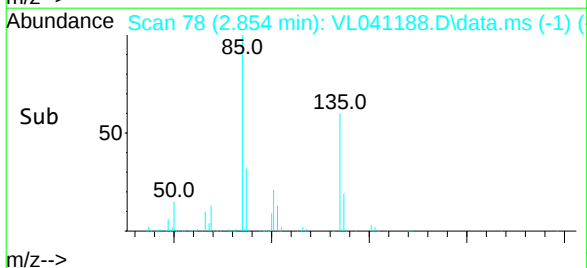
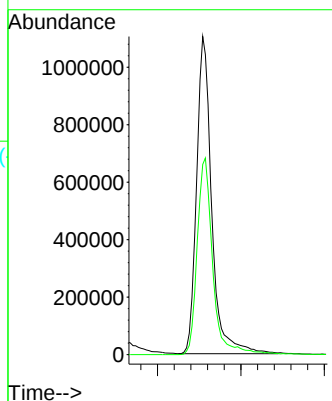
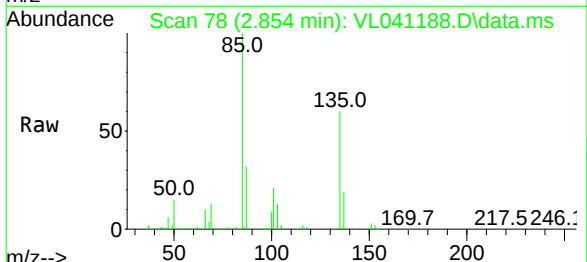
Manual Integrations
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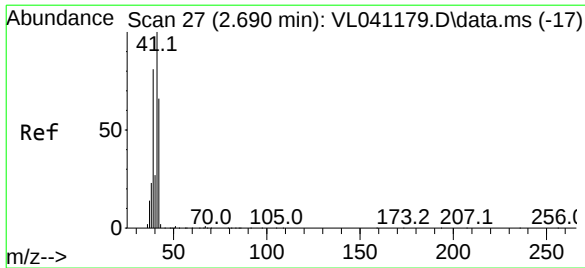
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#8
Dichlorotetrafluoroethane
Concen: 9.685 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 85 Resp: 1389020
Ion Ratio Lower Upper
85 100
135 64.2 51.5 77.3





#9

Propene

Concen: 9.061 ppbv

RT: 2.693 min Scan# 28

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 551683

Ion Ratio Lower Upper

41 100

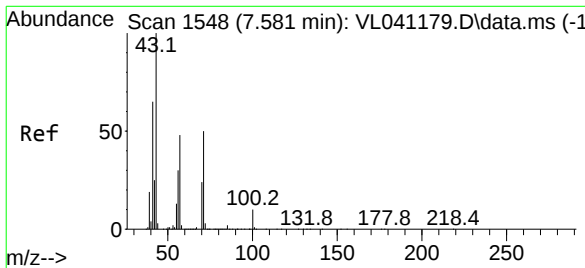
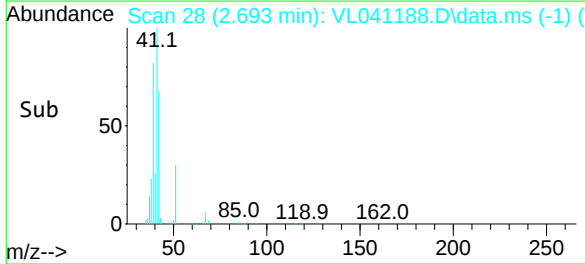
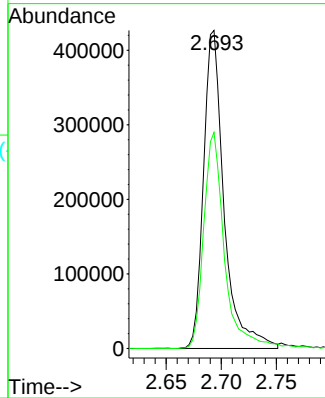
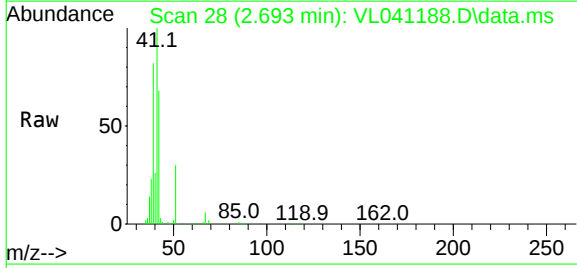
42 69.4 55.3 82.9

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/07/2024



#10

Heptane

Concen: 9.119 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL041188.D

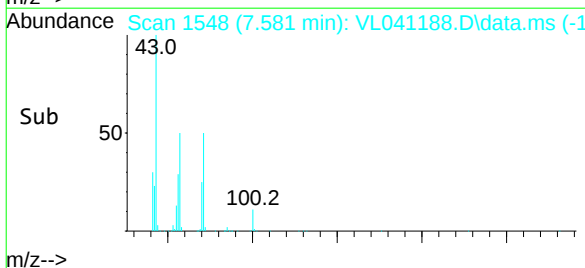
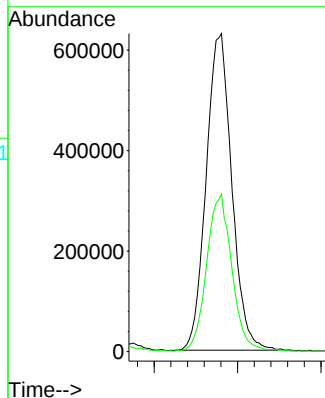
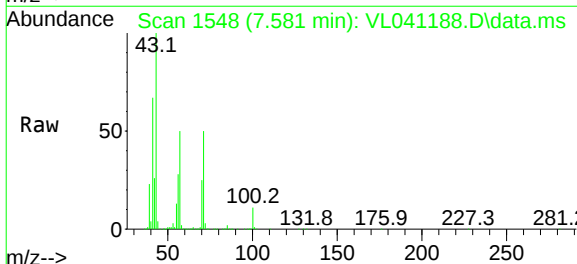
Acq: 2 May 2024 9:18

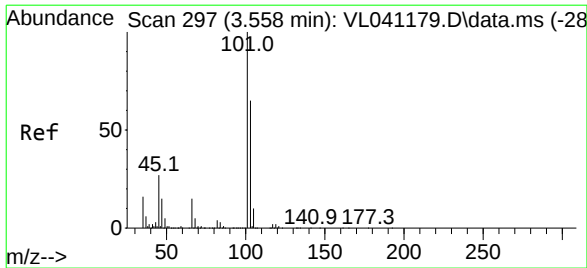
Tgt Ion: 43 Resp: 1345269

Ion Ratio Lower Upper

43 100

57 49.1 38.7 58.1





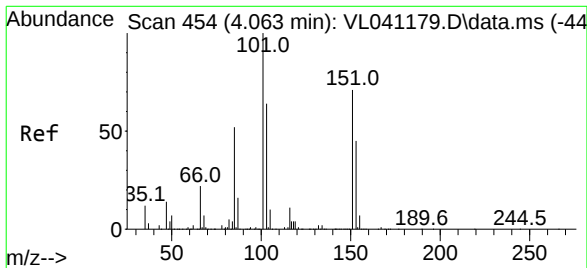
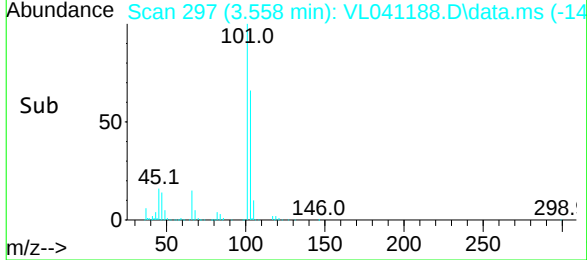
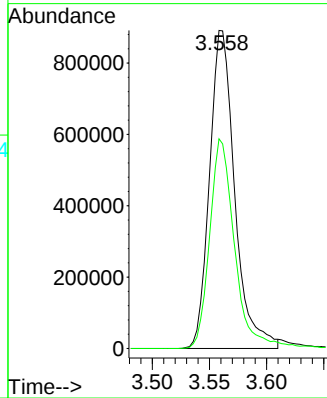
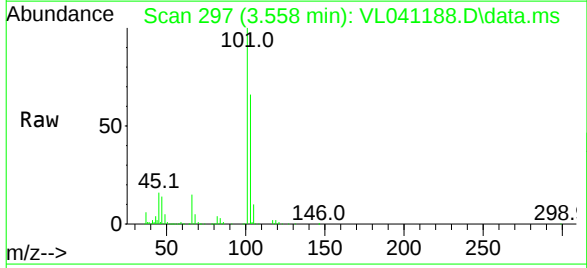
#11
Trichlorofluoromethane
Concen: 9.696 ppbv
RT: 3.558 min Scan# 297
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1365494
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

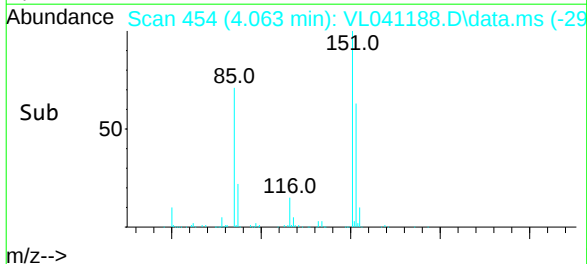
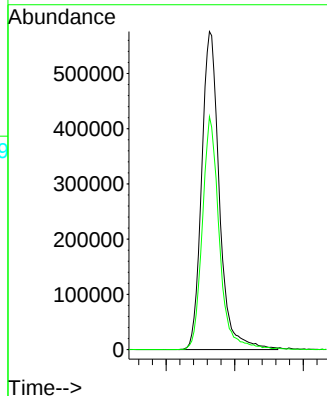
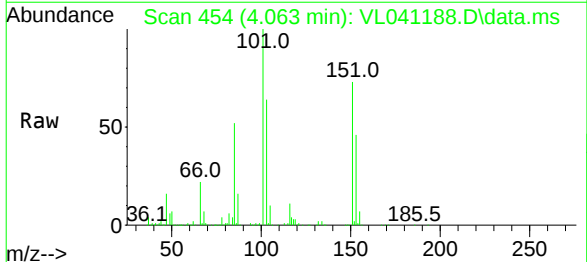
Manual Integrations
APPROVED

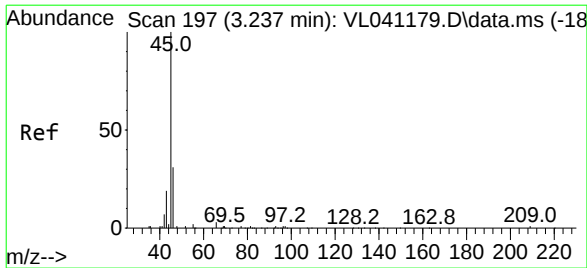
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.953 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

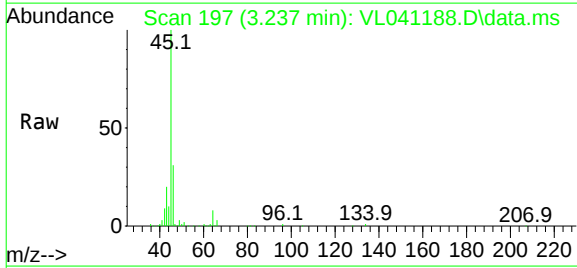
Tgt Ion:101 Resp: 1036471
Ion Ratio Lower Upper
101 100
151 70.2 56.8 85.2





#13
Ethanol
Concen: 9.794 ppbv
RT: 3.237 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

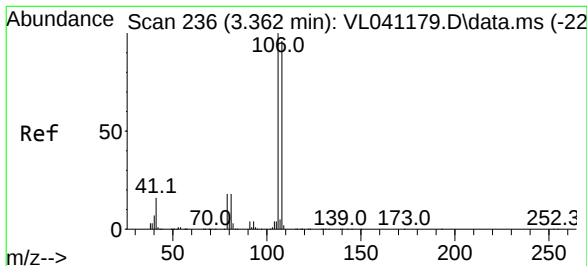
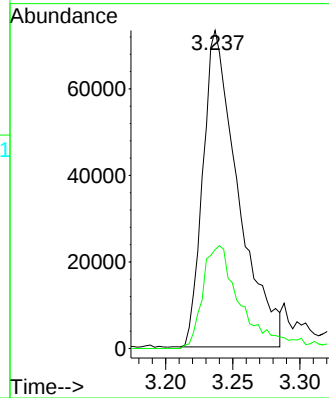
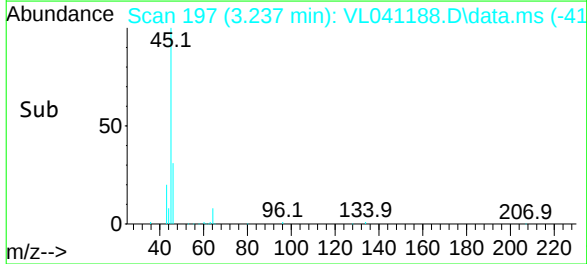
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



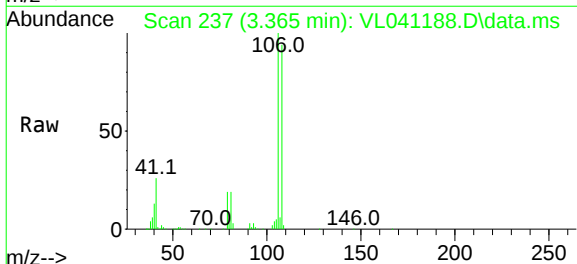
Tgt Ion: 45 Resp: 133683
Ion Ratio Lower Upper
45 100
46 37.5 14.8 59.0

Manual Integrations
APPROVED

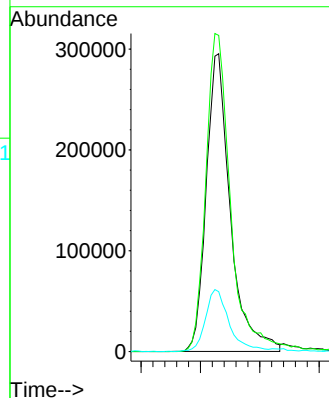
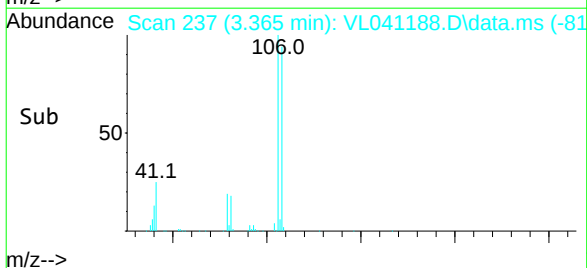
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

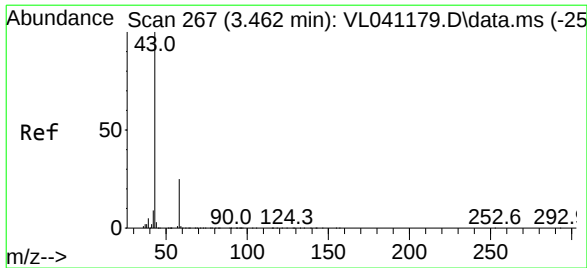


#14
Bromoethene
Concen: 9.679 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion:108 Resp: 415991
Ion Ratio Lower Upper
108 100
106 111.4 88.2 132.4
79 21.8 17.4 26.0





#15

Acetone

Concen: 8.781 ppbv

RT: 3.465 min Scan# 267

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1061602

Ion Ratio Lower Upper

43 100

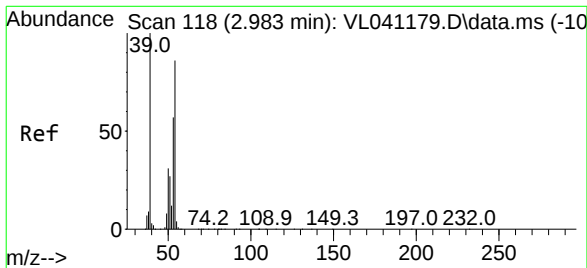
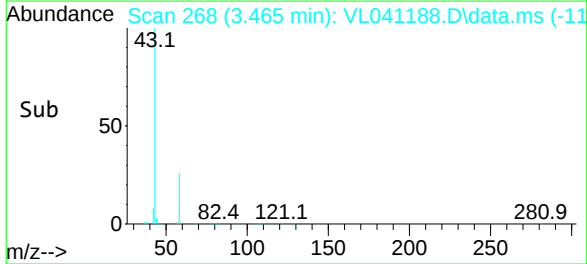
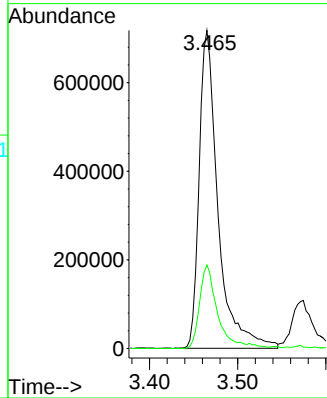
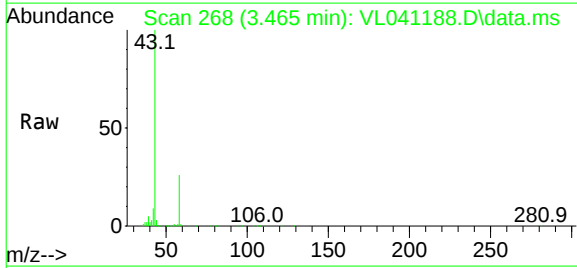
58 25.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#16

1,3-Butadiene

Concen: 9.832 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.000 min

Lab File: VL041188.D

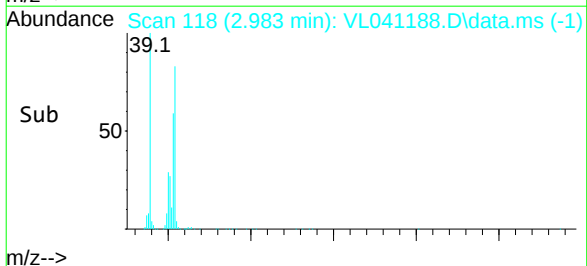
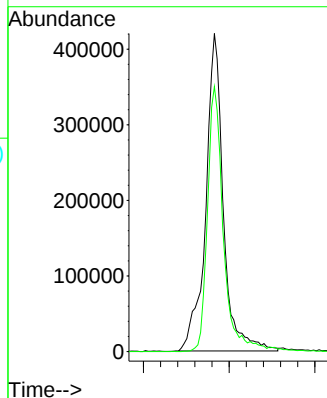
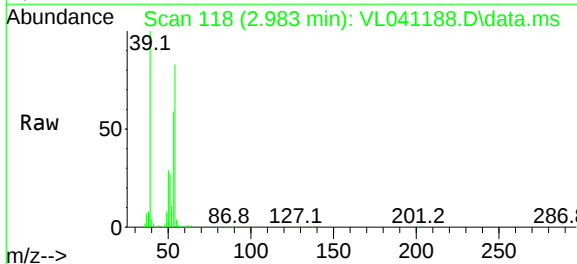
Acq: 2 May 2024 9:18

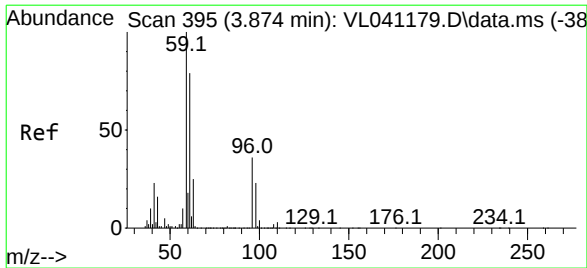
Tgt Ion: 39 Resp: 600030

Ion Ratio Lower Upper

39 100

54 76.3 62.2 93.4





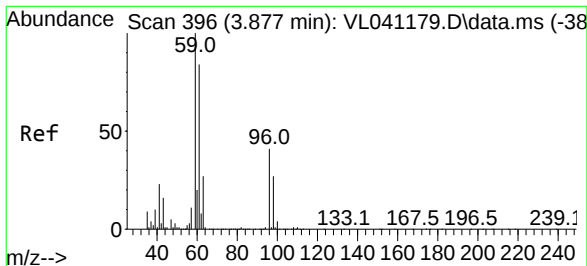
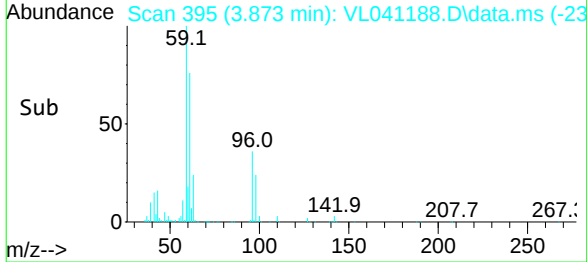
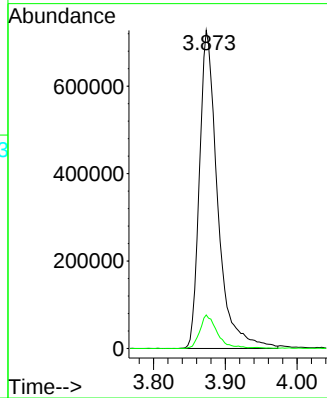
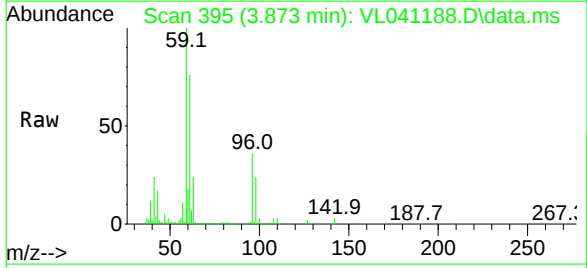
#17
tert-Butyl alcohol
Concen: 9.813 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1279810
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

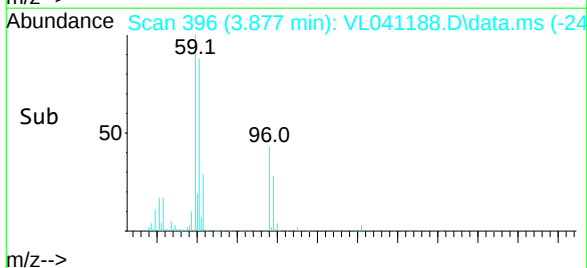
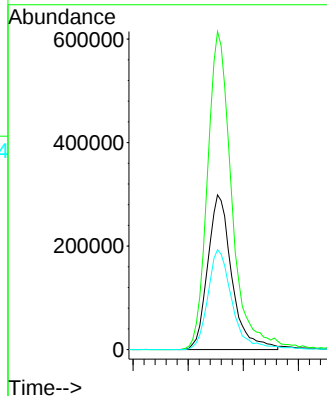
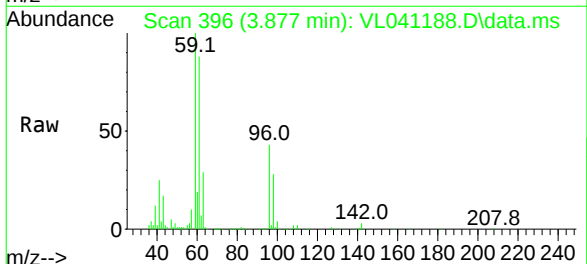
Manual Integrations
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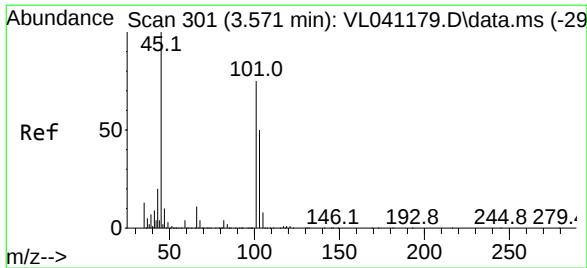
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#18
1,1-Dichloroethene
Concen: 9.776 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 96 Resp: 453914
Ion Ratio Lower Upper
96 100
61 205.4 164.4 246.6
98 64.5 51.8 77.8





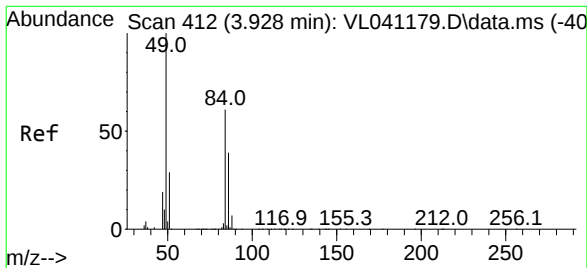
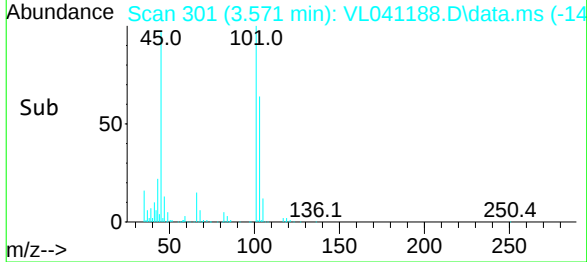
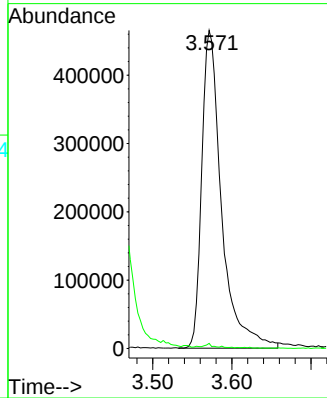
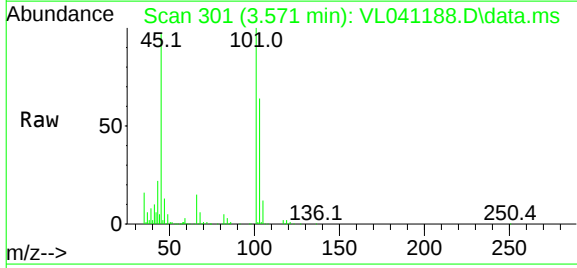
#19
Isopropyl Alcohol
Concen: 10.183 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 807866
Ion Ratio Lower Upper
45 100
58 1.1 26.8 40.2#

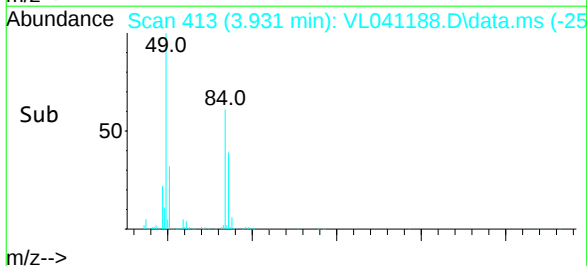
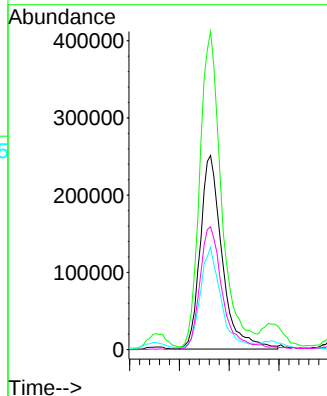
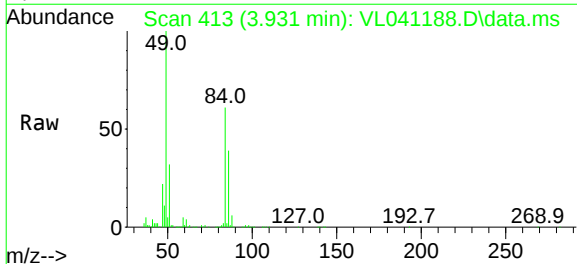
Manual Integrations
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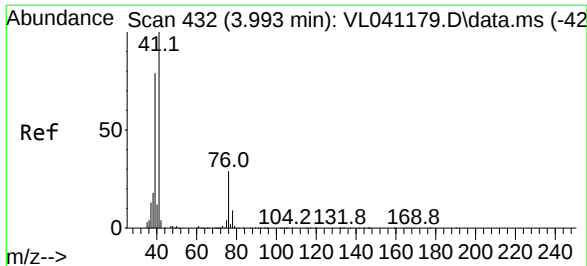
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#20
Methylene Chloride
Concen: 9.138 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

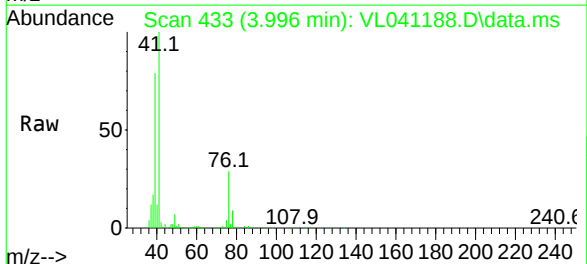
Tgt Ion: 84 Resp: 384181
Ion Ratio Lower Upper
84 100
49 162.9 130.4 195.6
51 51.7 38.0 57.0
86 63.4 50.3 75.5





#21
 Allyl Chloride
 Concen: 9.686 ppbv
 RT: 3.996 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

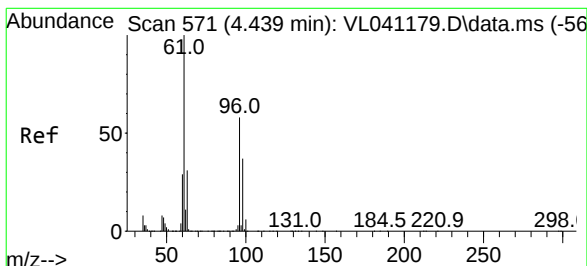
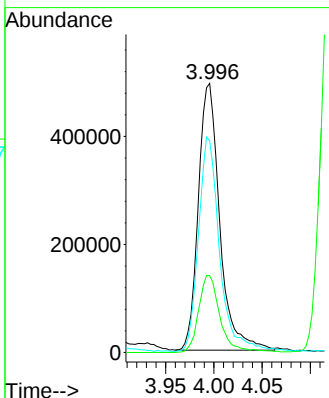
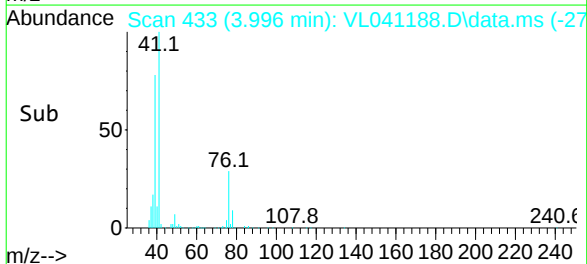
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



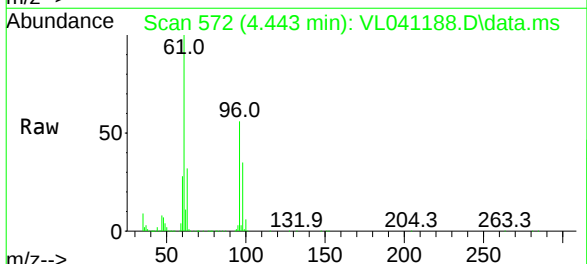
Tgt Ion: 41 Resp: 763587
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.7 35.5
 39 79.9 64.7 97.1

Manual Integrations
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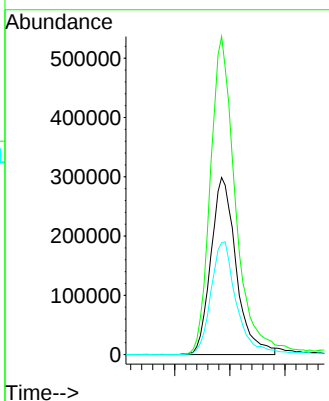
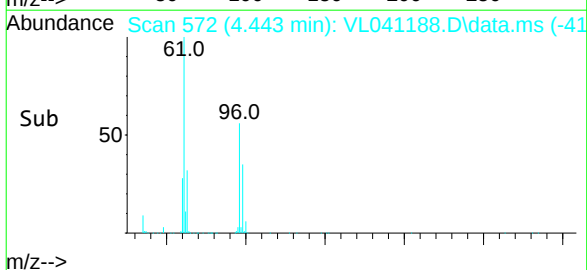
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024

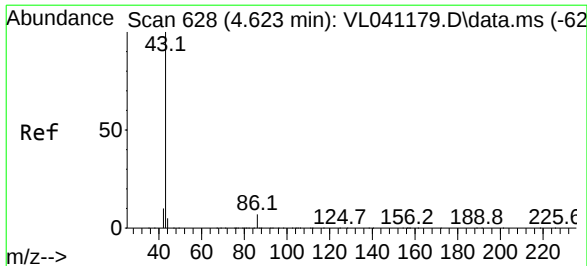


#22
 trans-1,2-Dichloroethene
 Concen: 9.872 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18



Tgt Ion: 96 Resp: 476702
 Ion Ratio Lower Upper
 96 100
 61 179.6 137.6 206.4
 98 63.2 50.6 76.0





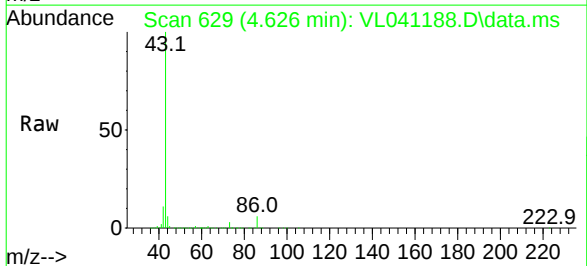
#23
 Vinyl Acetate
 Concen: 10.059 ppbv
 RT: 4.626 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

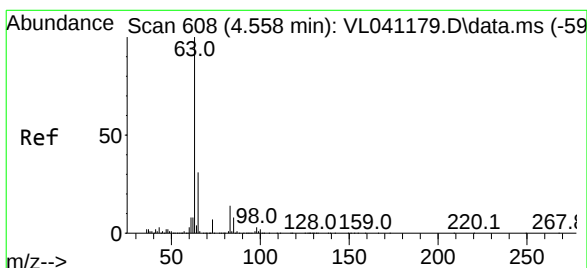
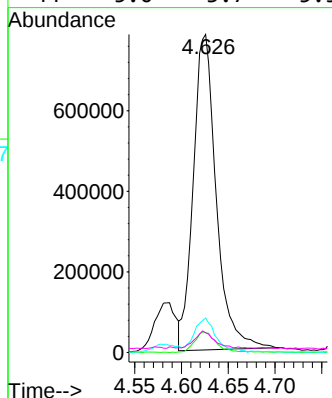
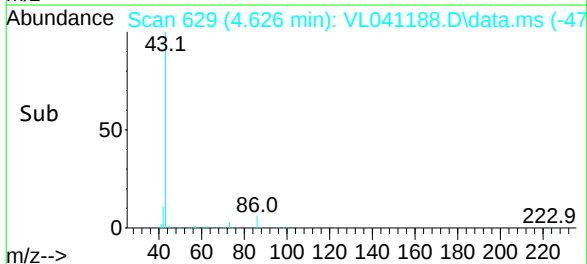


Tgt Ion: 43 Resp: 1339196
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.9 7.3
 42 10.7 8.0 12.0
 44 5.0 3.7 5.5

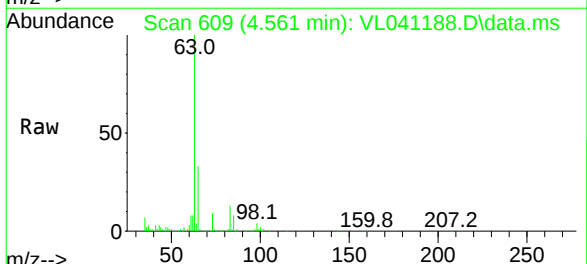
Manual Integrations

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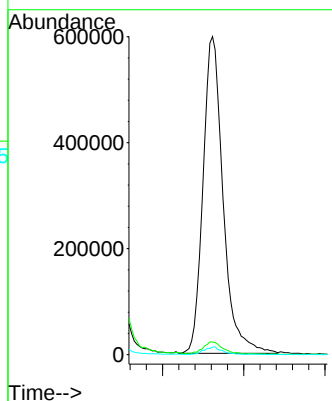
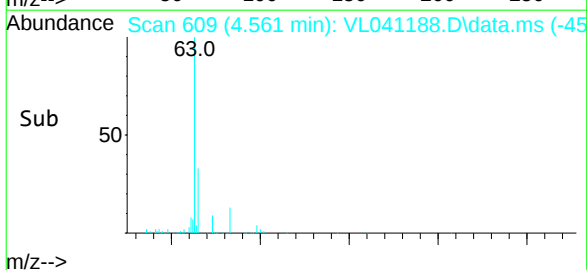
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024

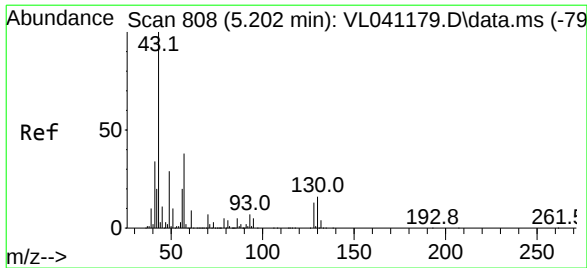


#24
 1,1-Dichloroethane
 Concen: 9.918 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18



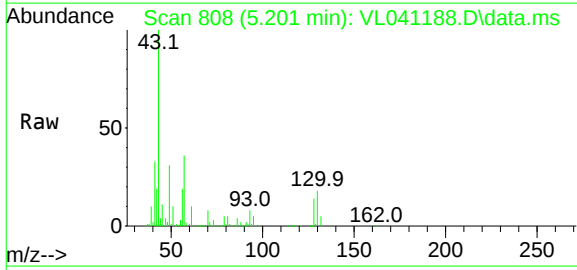
Tgt Ion: 63 Resp: 1026680
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.6 4.8
 100 2.3 1.1 3.5





#25
Ethyl Acetate
Concen: 9.420 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

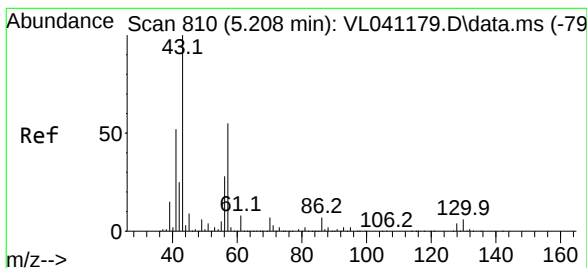
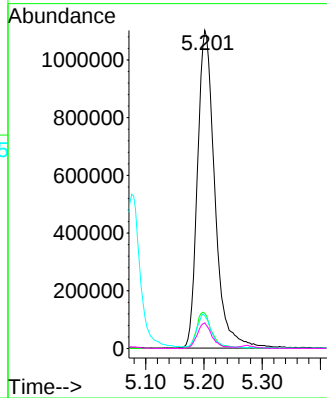
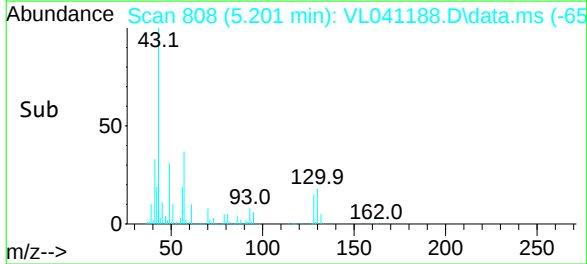
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



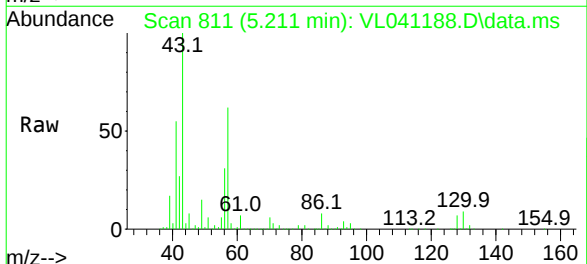
Tgt Ion: 43 Resp: 2273169
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 9.7 7.7 11.5
70 7.0 5.8 8.6

Manual Integrations
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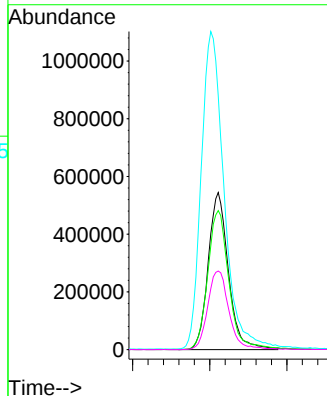
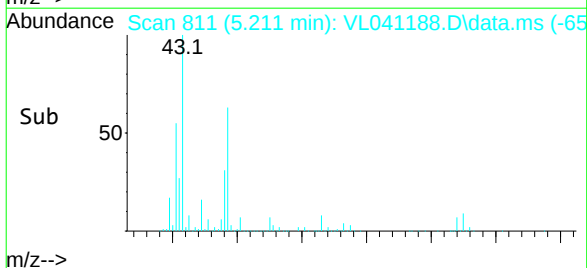
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

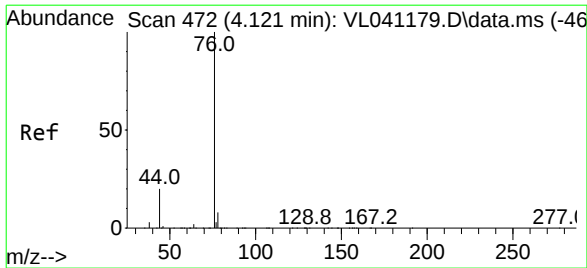


#26
Hexane
Concen: 9.187 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



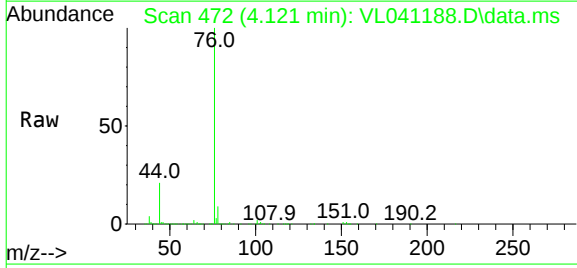
Tgt Ion: 57 Resp: 989367
Ion Ratio Lower Upper
57 100
41 92.8 75.8 113.8
43 231.2 187.0 280.4
56 53.0 42.7 64.1





#27
Carbon Disulfide
Concen: 9.838 ppbv
RT: 4.121 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

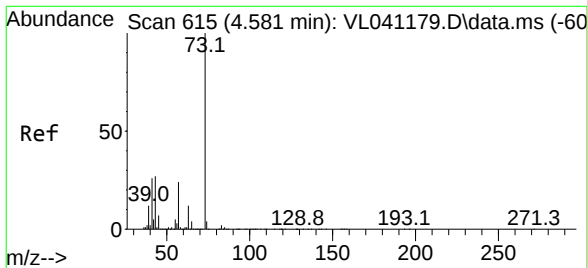
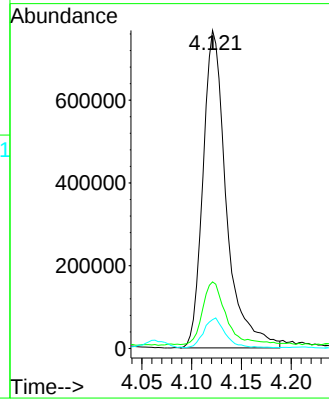
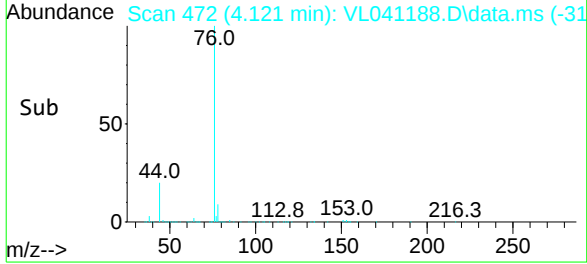
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



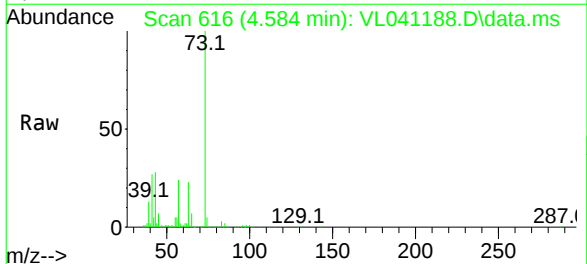
Tgt Ion: 76 Resp: 1254032
Ion Ratio Lower Upper
76 100
44 21.4 16.3 24.5
78 9.4 7.3 10.9

Manual Integrations
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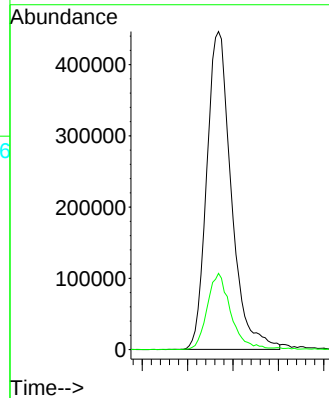
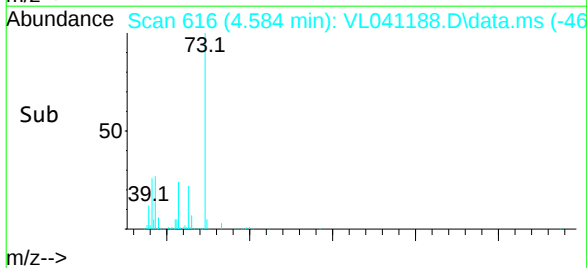
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

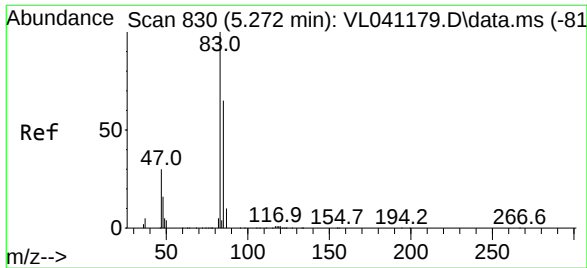


#28
Methyl tert-Butyl Ether
Concen: 9.774 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



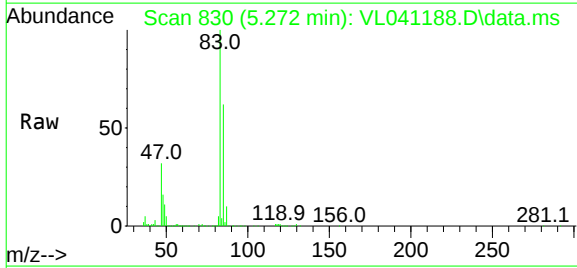
Tgt Ion: 73 Resp: 838056
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2





#29
Chloroform
Concen: 9.634 ppbv
RT: 5.272 min Scan# 83
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

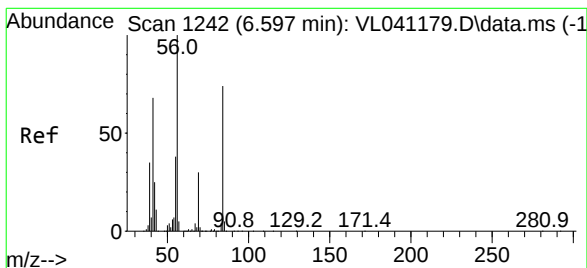
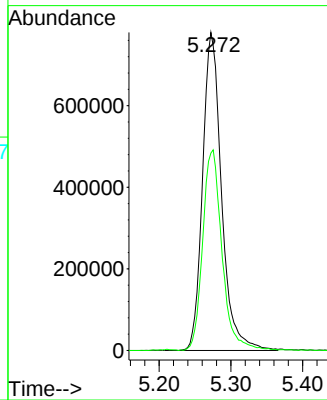
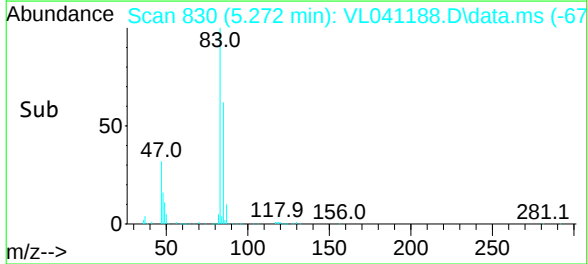
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



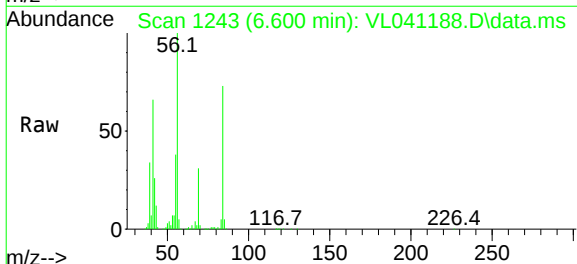
Tgt Ion: 83 Resp: 1431175
Ion Ratio Lower Upper
83 100
85 62.1 51.7 77.5

Manual Integrations
APPROVED

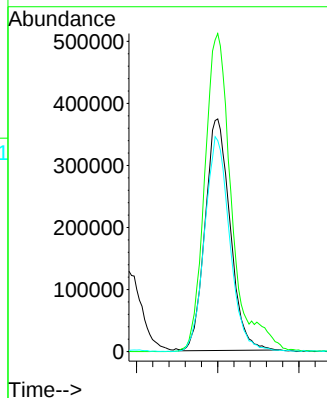
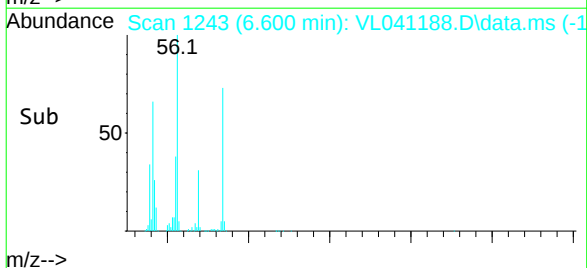
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

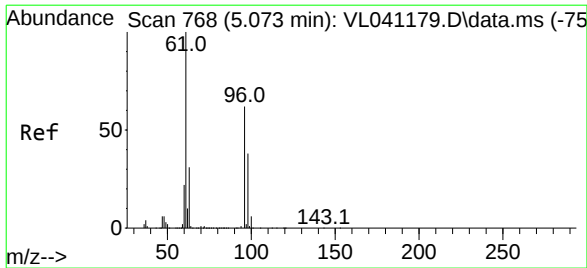


#30
Cyclohexane
Concen: 9.377 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion: 84 Resp: 799290
Ion Ratio Lower Upper
84 100
56 148.7 116.8 175.2
41 93.4 73.8 110.8





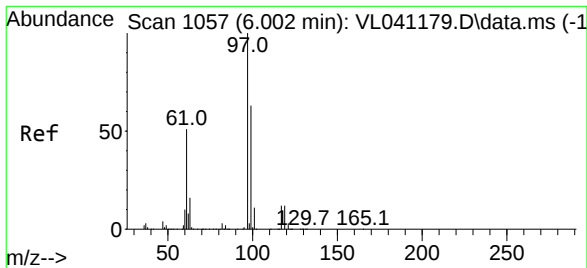
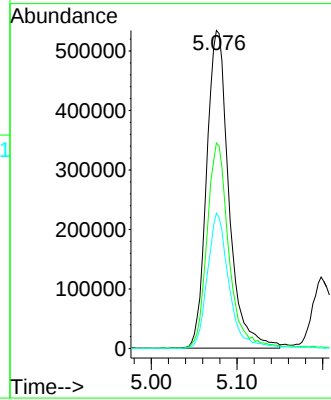
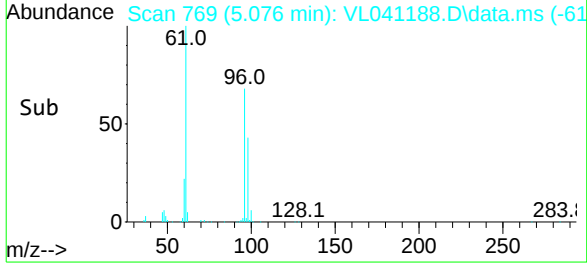
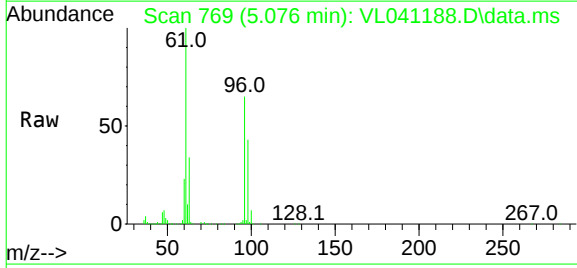
#31
 cis-1,2-Dichloroethene
 Concen: 9.562 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	61	Resp:	963976
Ion	Ratio	Lower	Upper
61	100		
96	64.6	49.8	74.6
98	42.6	30.0	45.0

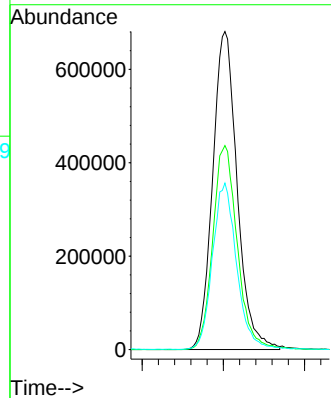
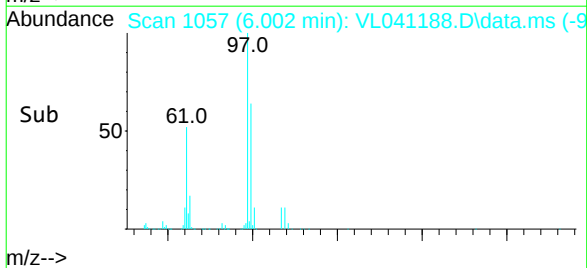
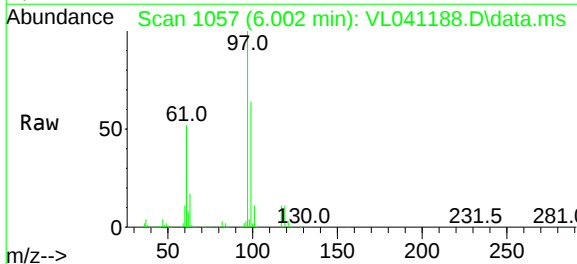
Manual Integrations
 APPROVED

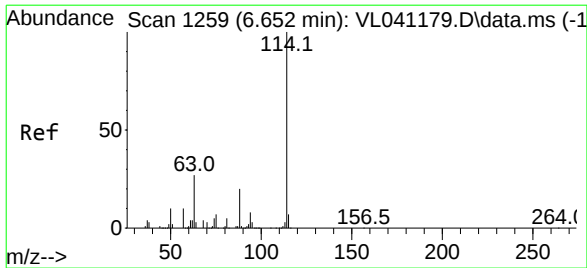
Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#32
 1,1,1-Trichloroethane
 Concen: 9.622 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041188.D
 Acq: 2 May 2024 9:18

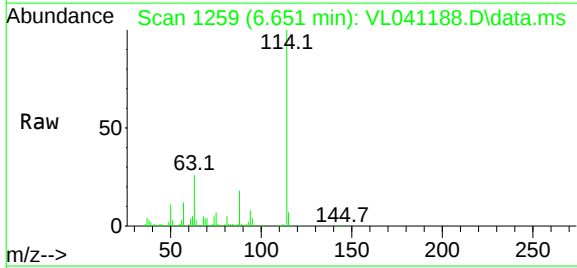
Tgt Ion:	97	Resp:	1426260
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	51.7	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

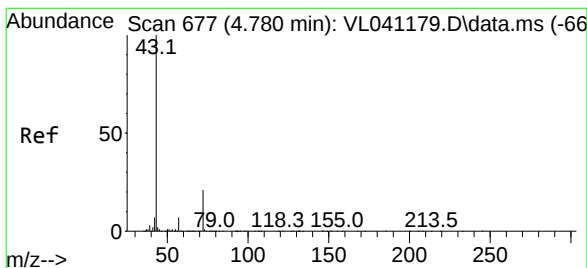
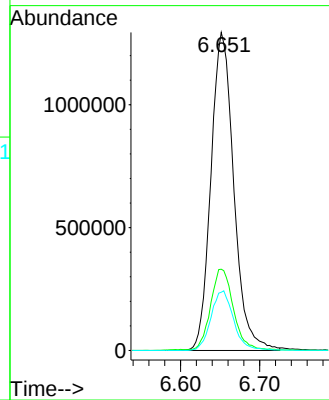
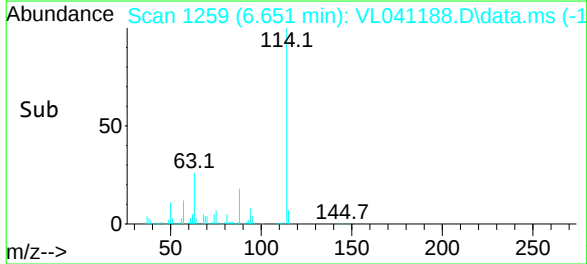
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2598160
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 18.6 15.2 22.8

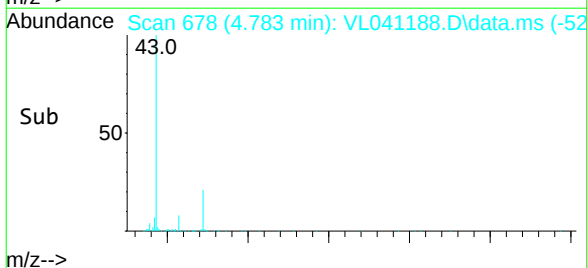
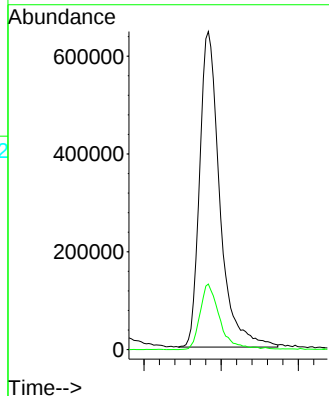
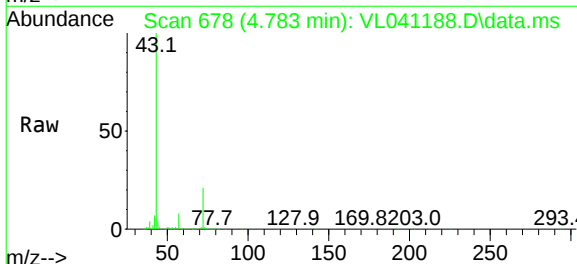
Manual Integrations
APPROVED

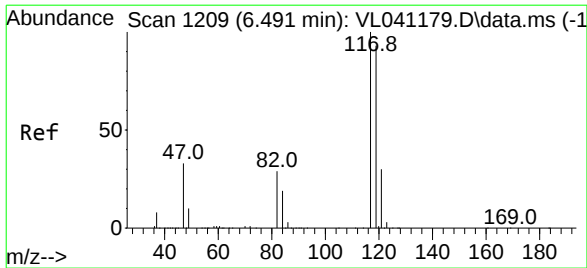
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#34
2-Butanone
Concen: 8.871 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 43 Resp: 1173073
Ion Ratio Lower Upper
43 100
72 20.7 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.725 ppbv

RT: 6.491 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VL041188.D

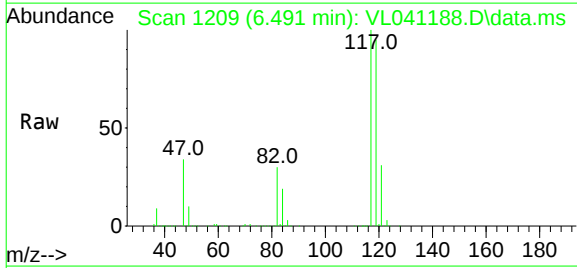
Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 117 Resp: 1418064

Ion Ratio Lower Upper

117 100

119 95.4 74.3 111.5

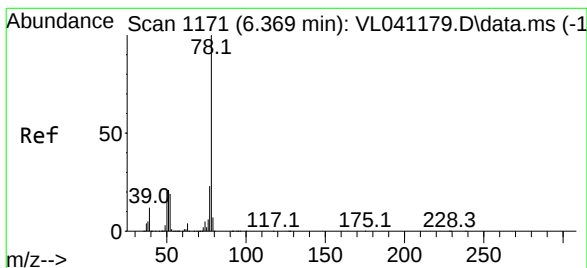
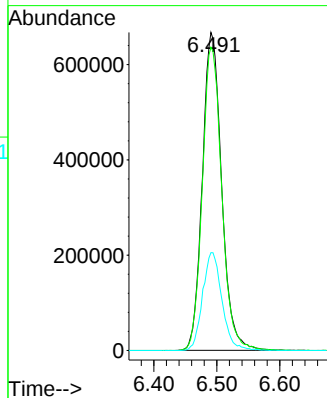
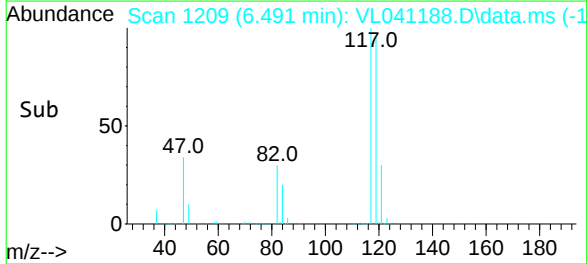
121 30.8 23.8 35.8

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024

Supervised By : Mahesh Dadoda 05/07/2024



#36

Benzene

Concen: 9.346 ppbv

RT: 6.368 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

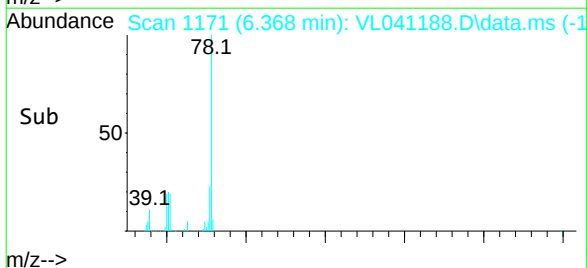
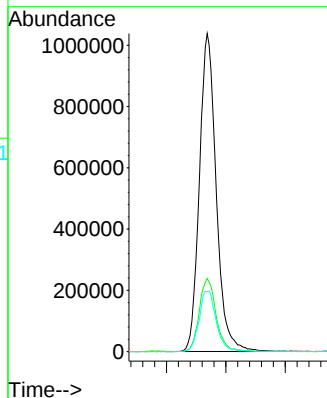
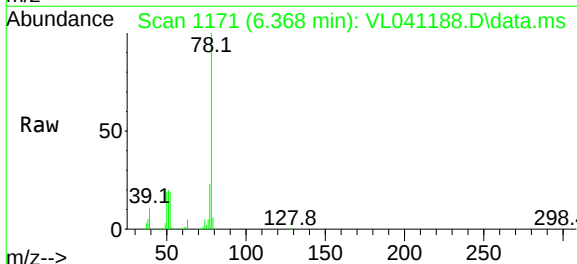
Tgt Ion: 78 Resp: 2037807

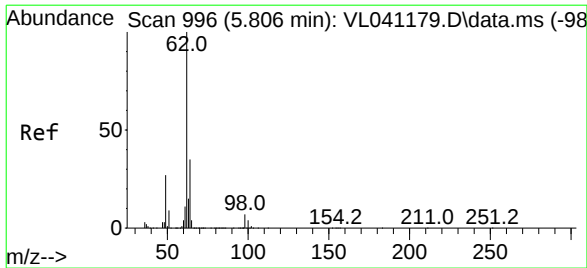
Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

50 18.8 15.9 23.9





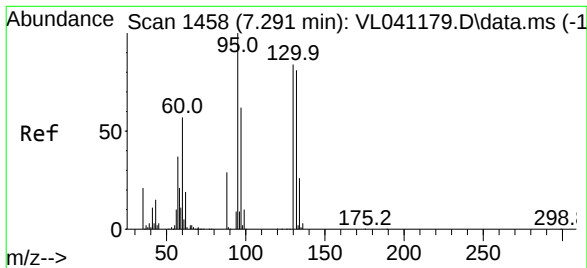
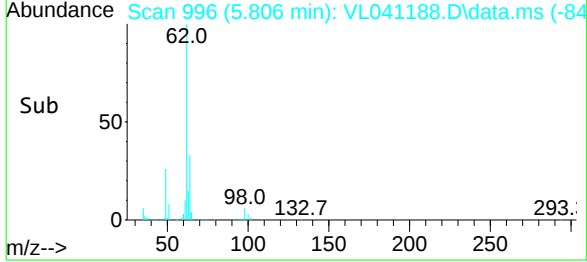
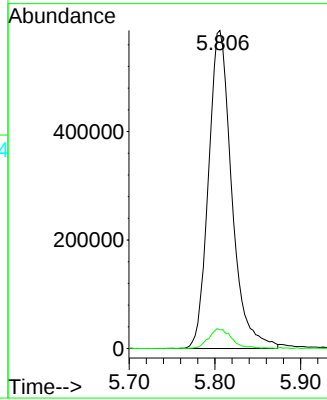
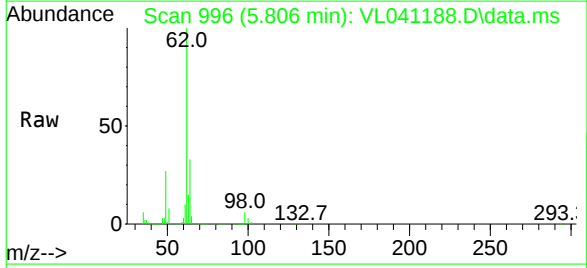
#37
1,2-Dichloroethane
Concen: 9.710 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1104586
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4

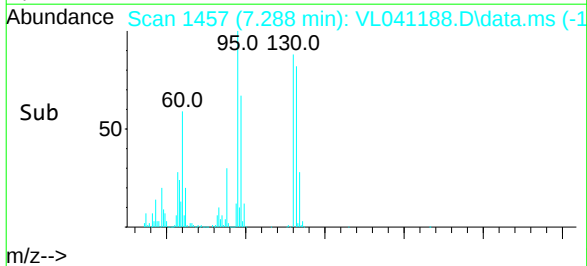
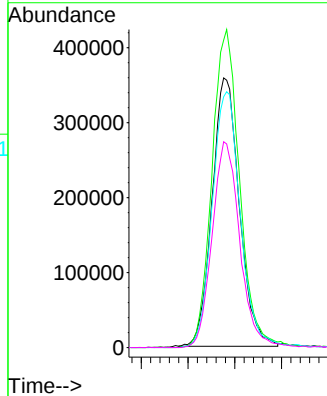
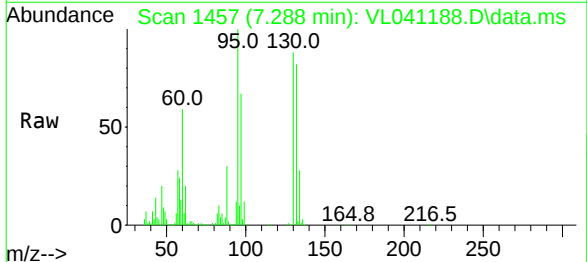
Manual Integrations
APPROVED

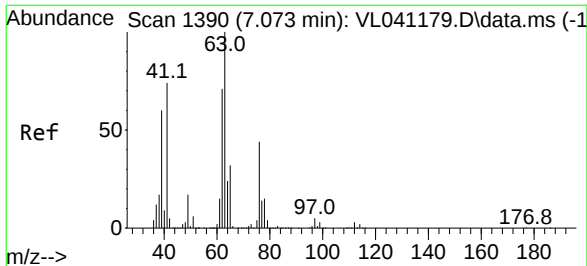
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#38
Trichloroethene
Concen: 8.923 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

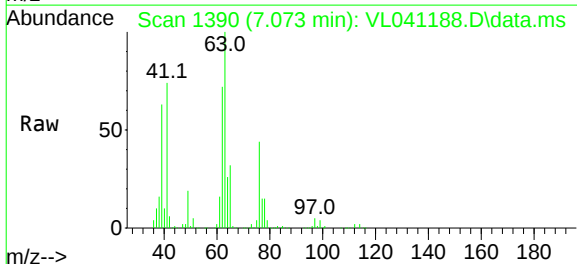
Tgt Ion:130 Resp: 724968
Ion Ratio Lower Upper
130 100
95 114.5 95.0 142.6
132 93.5 77.0 115.4
97 76.7 59.1 88.7





#39
1,2-Dichloropropane
Concen: 9.471 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

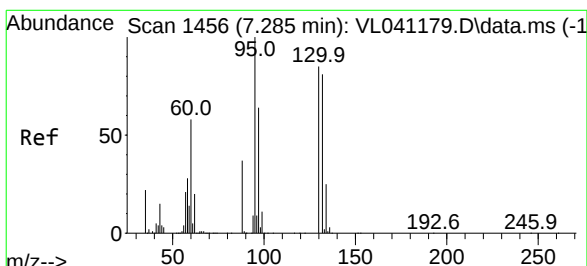
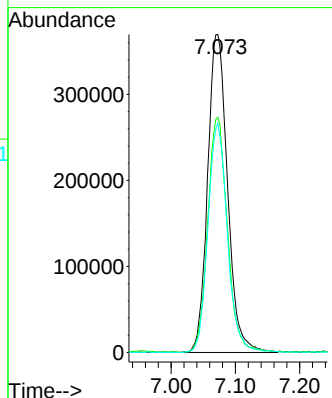
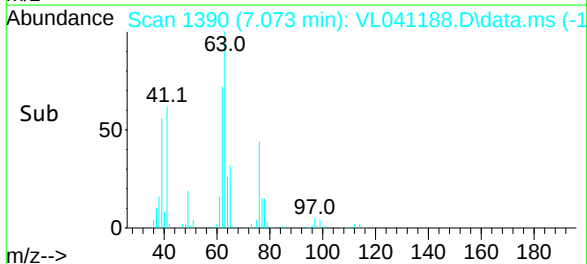
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 795782
Ion Ratio Lower Upper
63 100
41 73.9 59.4 89.0
62 72.1 56.8 85.2

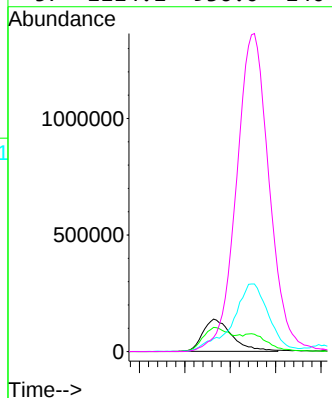
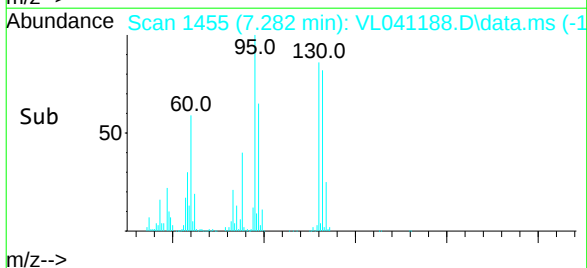
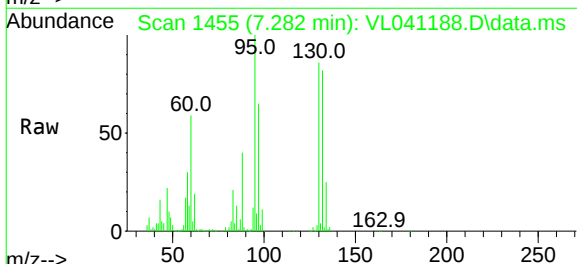
Manual Integrations
APPROVED

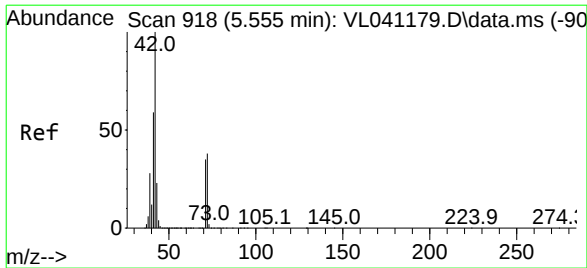
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#40
1,4-Dioxane
Concen: 10.325 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 88 Resp: 309946
Ion Ratio Lower Upper
88 100
58 126.7 106.1 159.1
43 259.6 219.8 329.6
57 1114.1 936.0 1404.0





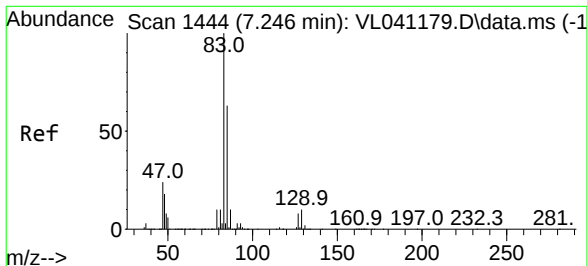
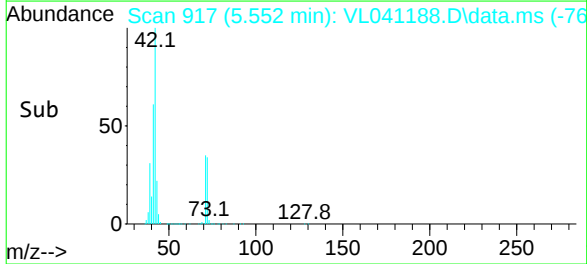
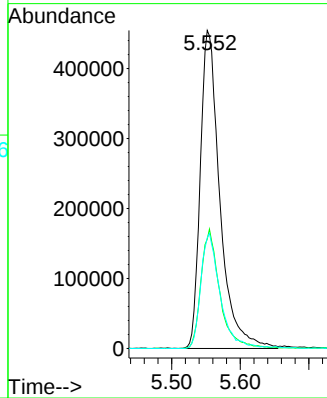
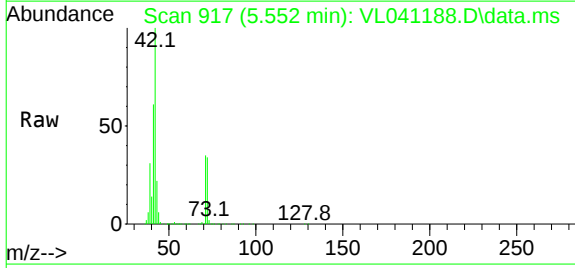
#41
Tetrahydrofuran
Concen: 9.431 ppbv
RT: 5.552 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 902889
Ion Ratio Lower Upper
42 100
72 36.3 29.4 44.0
71 35.9 29.1 43.7

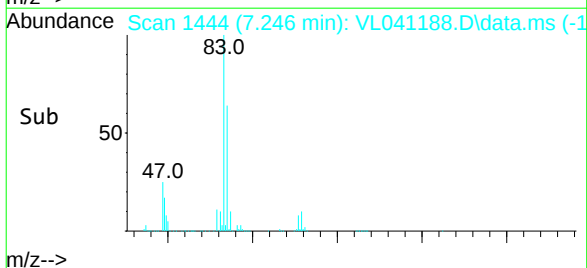
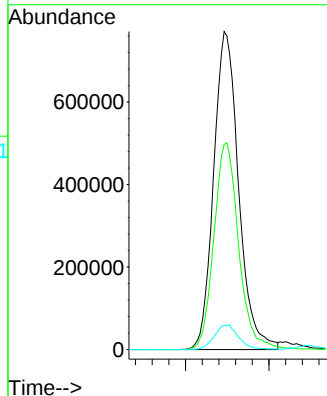
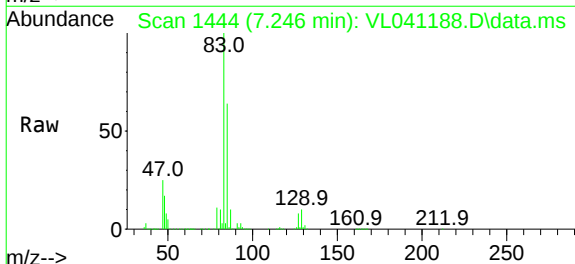
Manual Integrations
APPROVED

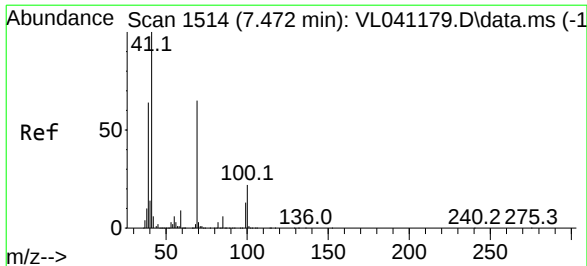
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#42
Bromodichloromethane
Concen: 9.828 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

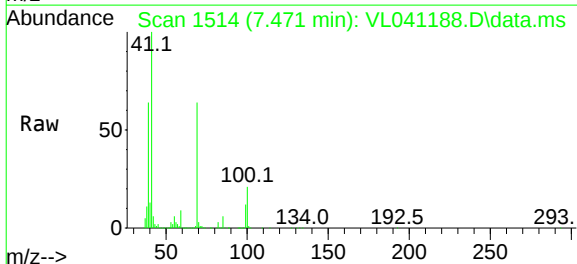
Tgt Ion: 83 Resp: 1603398
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 7.7 6.2 9.4





#43
Methyl Methacrylate
Concen: 9.470 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

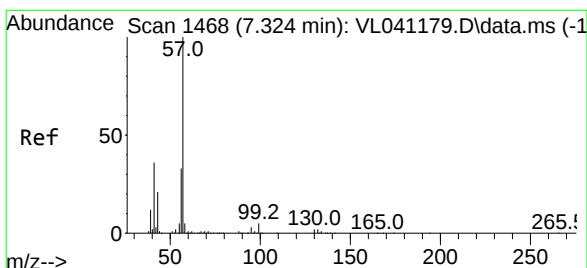
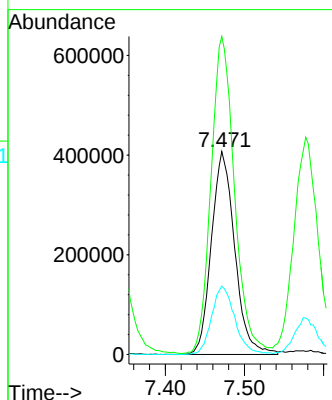
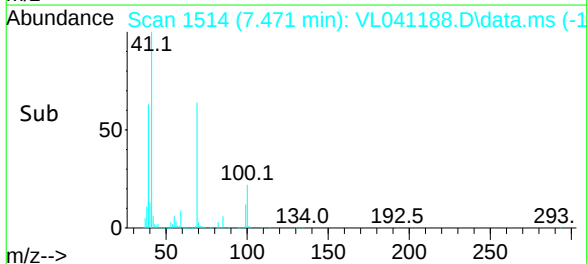
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



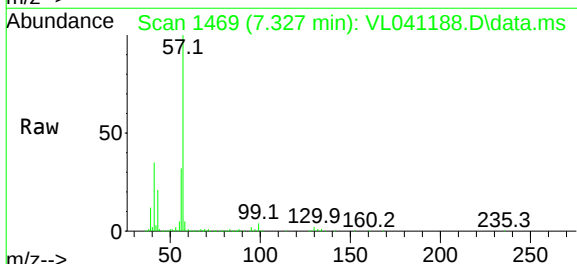
Tgt Ion: 69 Resp: 835132
Ion Ratio Lower Upper
69 100
41 157.4 125.2 187.8
100 33.5 26.7 40.1

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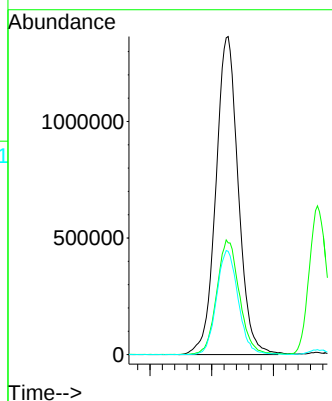
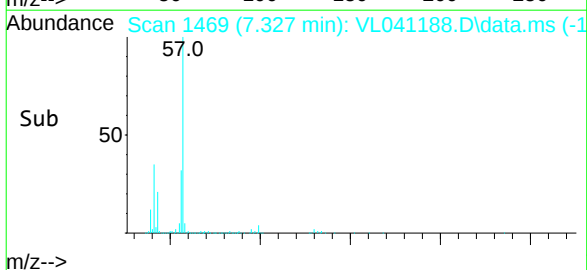
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

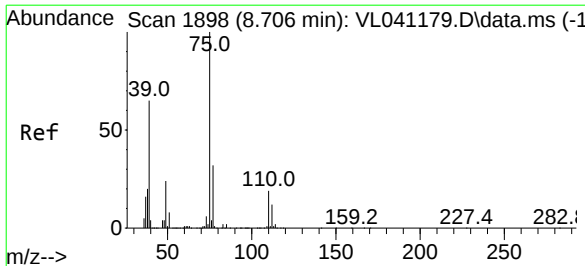


#44
2,2,4-Trimethylpentane
Concen: 9.164 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion: 57 Resp: 3445196
Ion Ratio Lower Upper
57 100
41 36.3 29.5 44.3
56 31.6 25.3 37.9





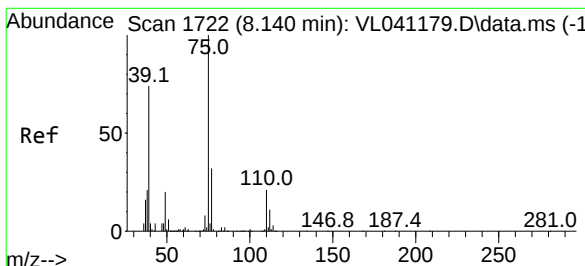
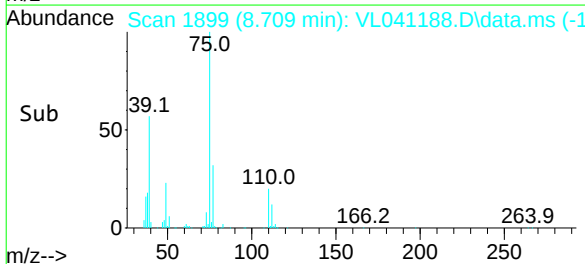
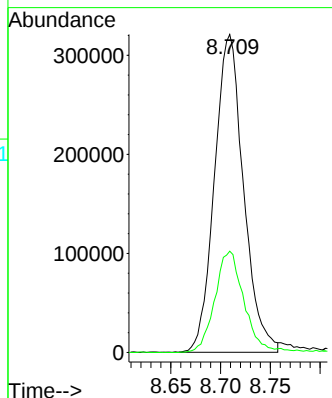
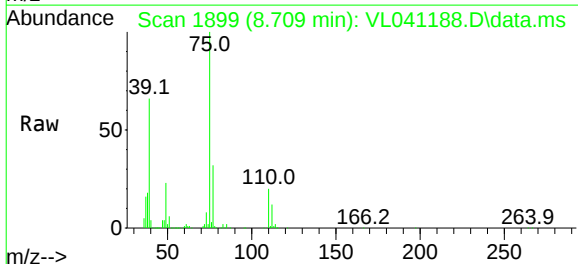
#45
t-1,3-Dichloropropene
Concen: 10.194 ppbv
RT: 8.709 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 651407
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

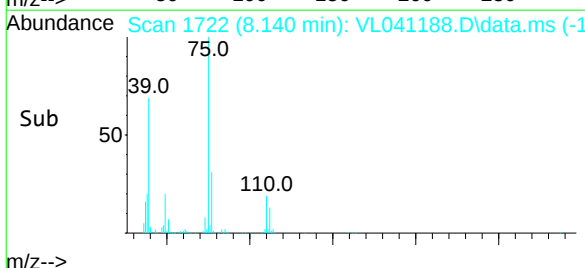
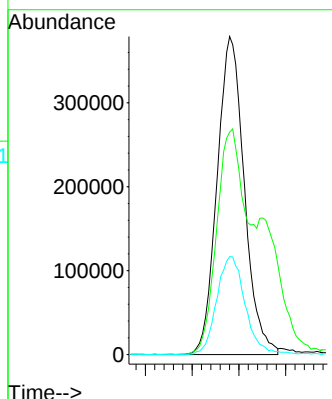
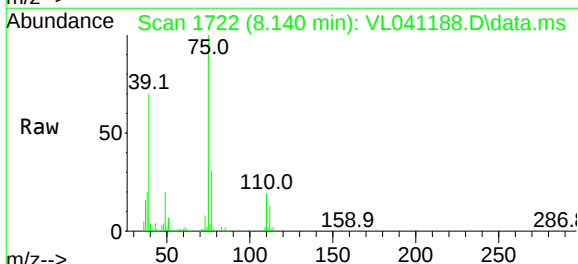
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APPROVED

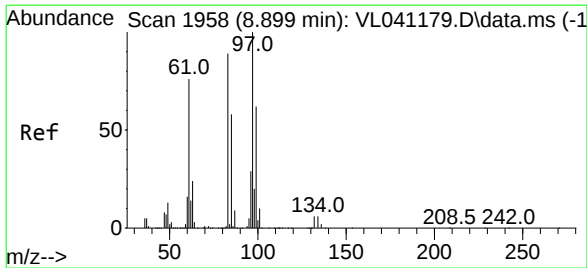
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#46
cis-1,3-Dichloropropene
Concen: 9.777 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 75 Resp: 764920
Ion Ratio Lower Upper
75 100
39 69.8 59.4 89.2
77 30.8 25.9 38.9





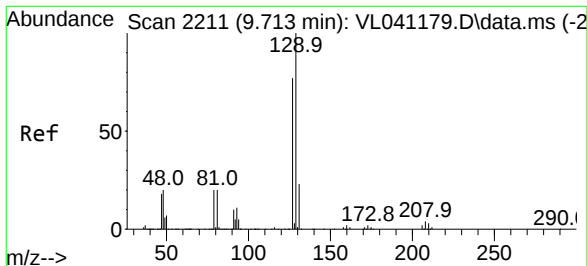
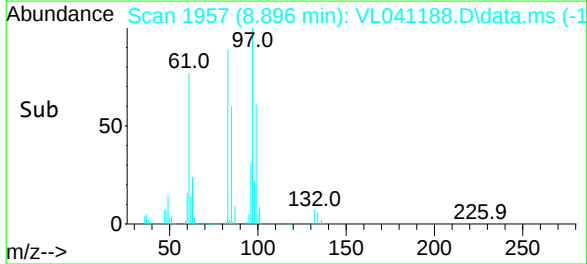
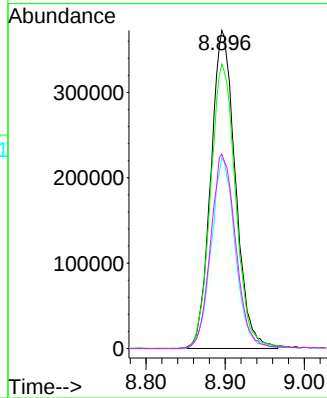
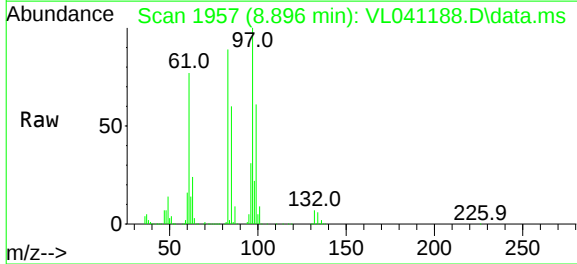
#47
1,1,2-Trichloroethane
Concen: 9.552 ppbv
RT: 8.896 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:	97	Resp:	803388
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.2	106.8
85	59.9	46.0	69.0
99	61.1	49.7	74.5

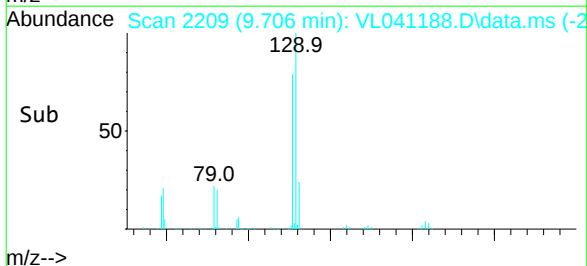
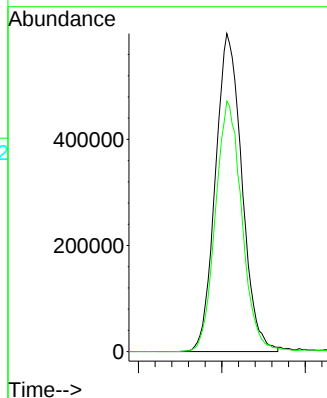
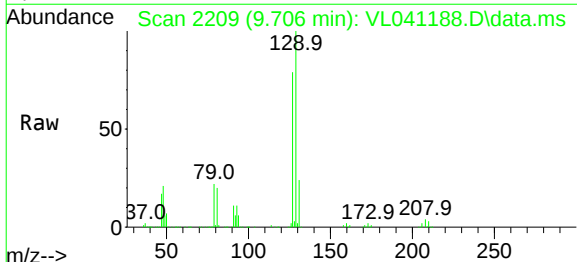
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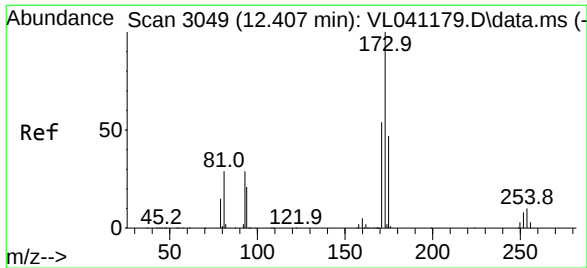
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#48
Dibromochloromethane
Concen: 9.865 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion:	129	Resp:	1321940
Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.1	117.5





#49

Bromoform

Concen: 9.996 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1139522

Ion Ratio Lower Upper

173 100

175 50.1 39.8 59.8

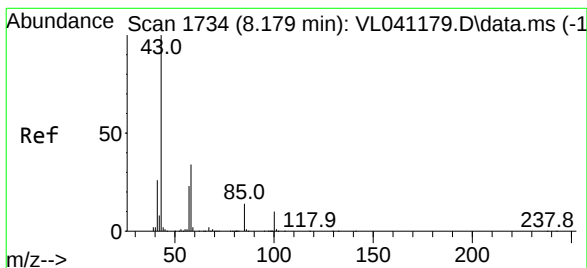
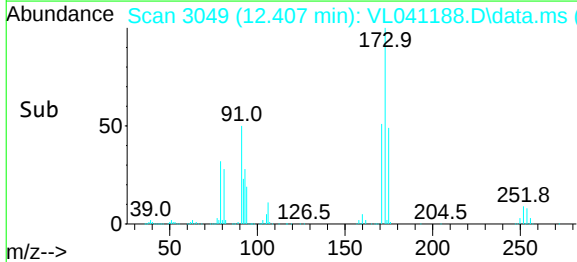
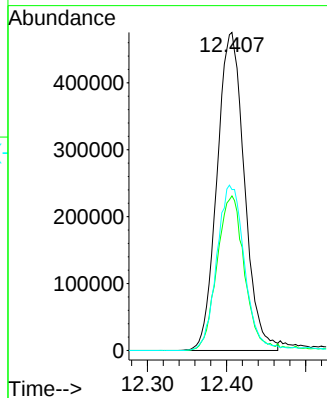
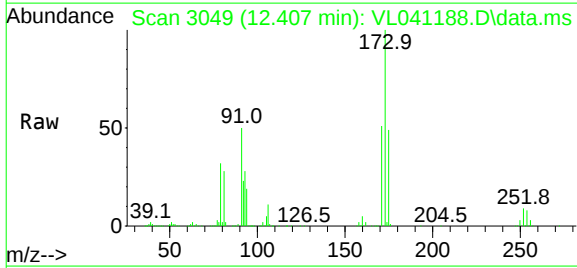
171 53.5 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#50

4-Methyl-2-Pentanone

Concen: 9.195 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041188.D

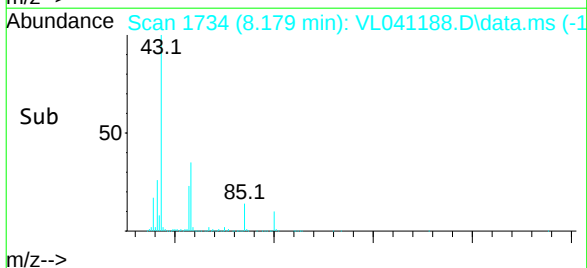
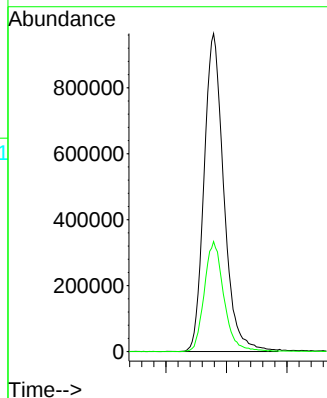
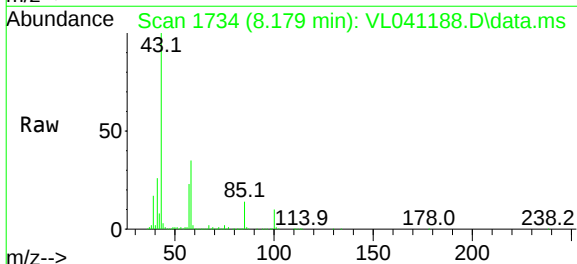
Acq: 2 May 2024 9:18

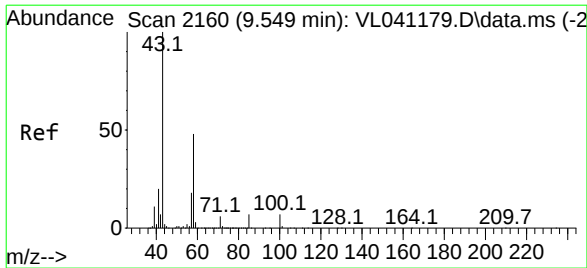
Tgt Ion: 43 Resp: 2182176

Ion Ratio Lower Upper

43 100

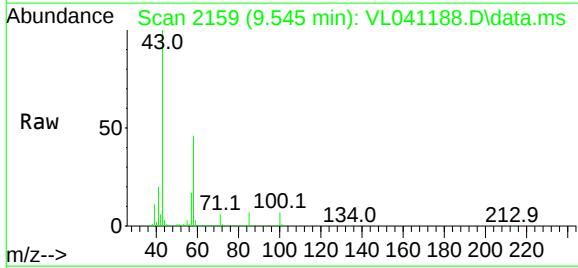
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 9.148 ppbv
RT: 9.545 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

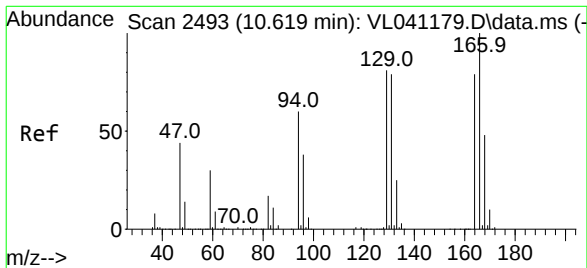
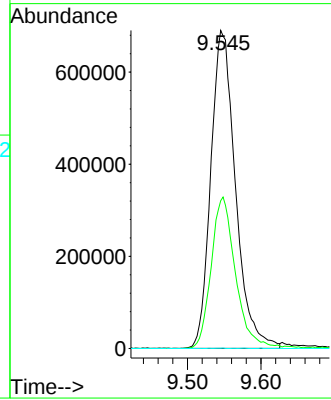
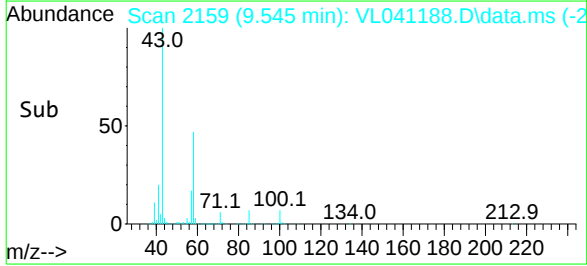
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



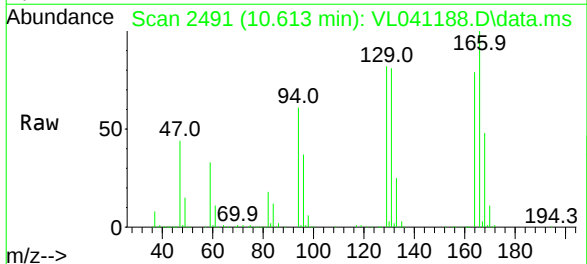
Tgt Ion: 43 Resp: 1610275
Ion Ratio Lower Upper
43 100
58 47.8 38.4 57.6
98 0.0 0.0 0.0

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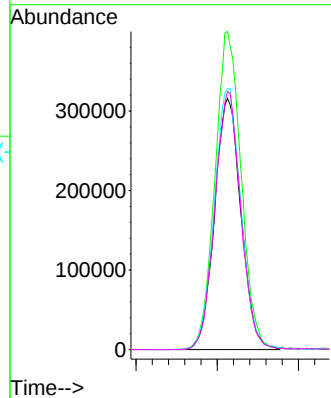
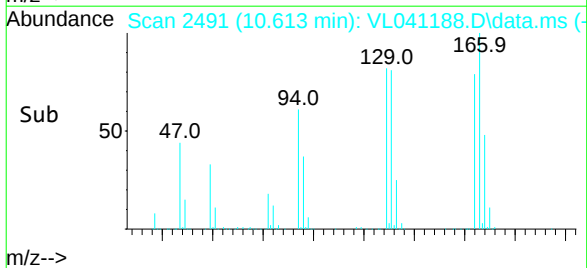
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

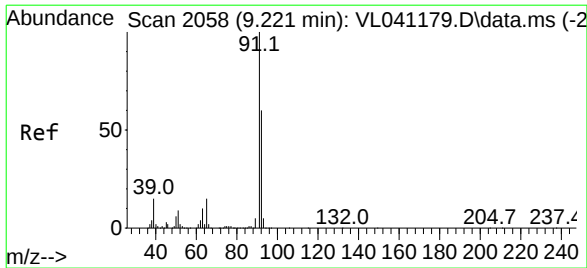


#52
Tetrachloroethene
Concen: 9.299 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



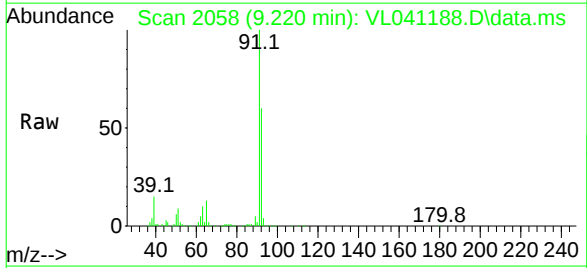
Tgt Ion:164 Resp: 712640
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 103.6 81.7 122.5
131 102.7 80.4 120.6





#53
Toluene
Concen: 9.351 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

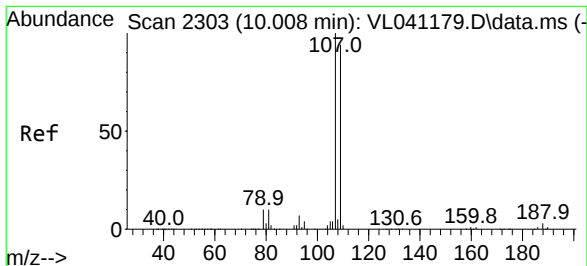
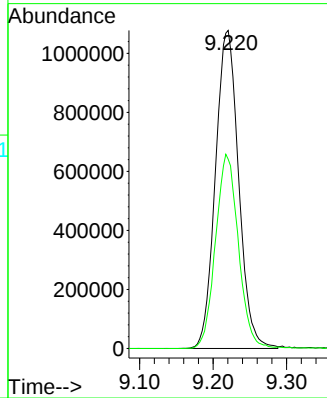
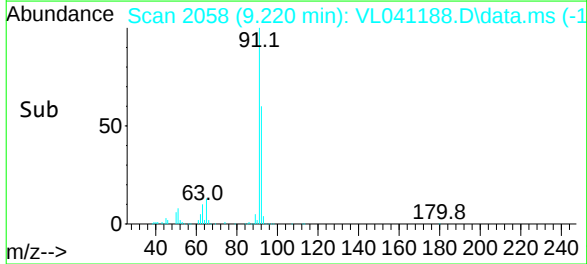
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



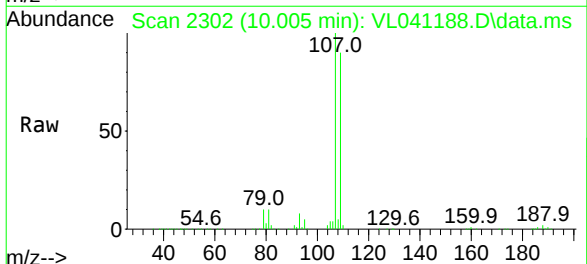
Tgt Ion: 91 Resp: 2364051
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

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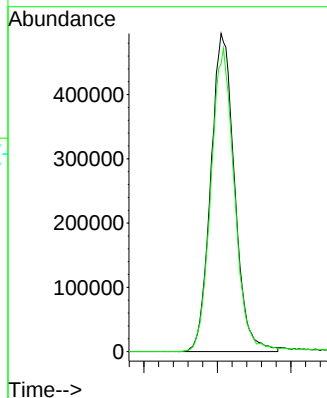
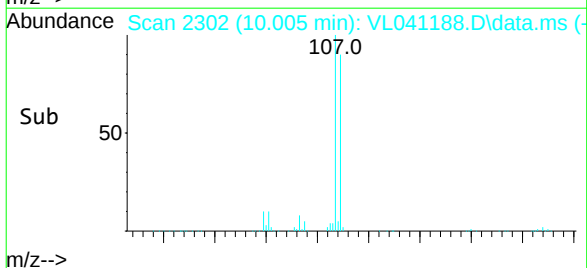
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

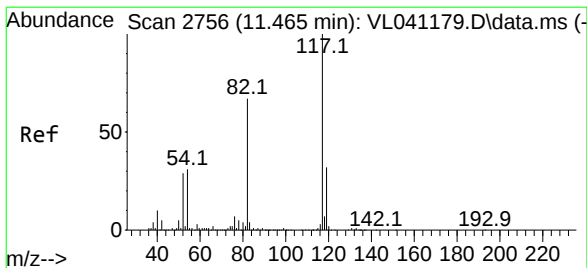


#54
1,2-Dibromoethane
Concen: 9.761 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion:107 Resp: 1111878
Ion Ratio Lower Upper
107 100
109 90.5 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.465 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2562568

Ion Ratio Lower Upper

117 100

82 64.6 53.6 80.4

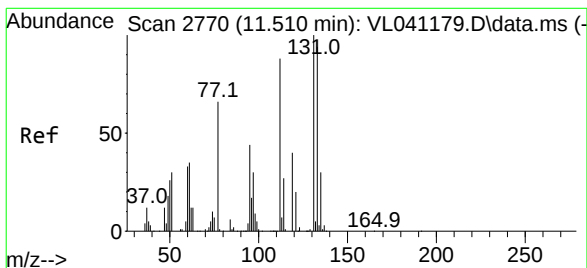
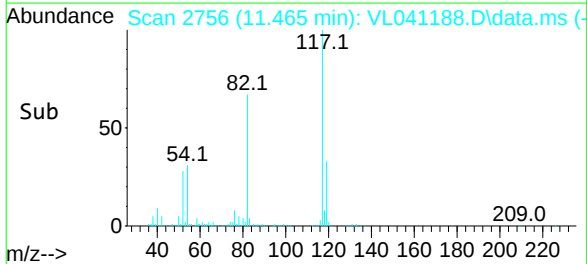
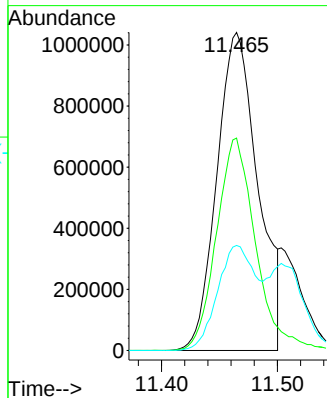
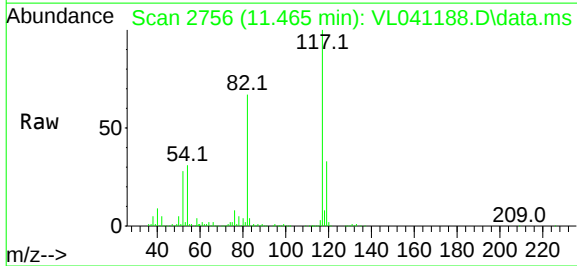
119 31.0 27.2 40.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.385 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

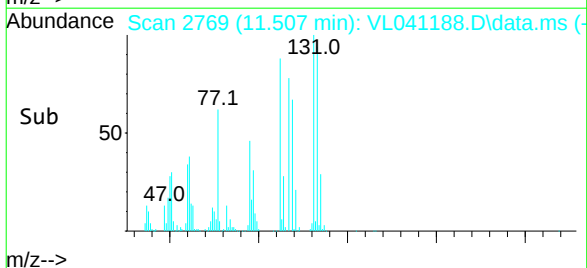
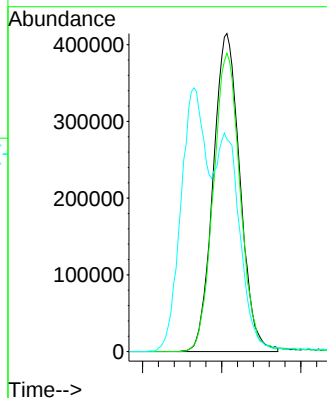
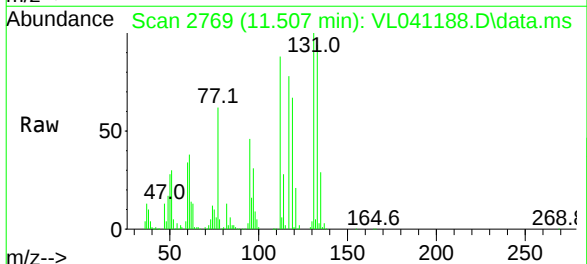
Tgt Ion:131 Resp: 975213

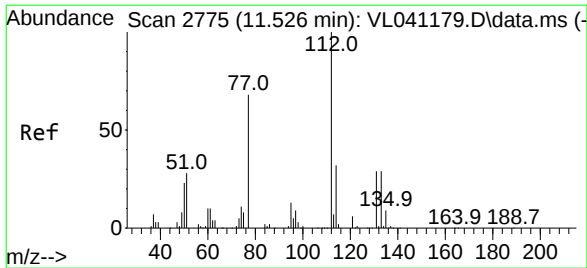
Ion Ratio Lower Upper

131 100

133 94.9 76.3 114.5

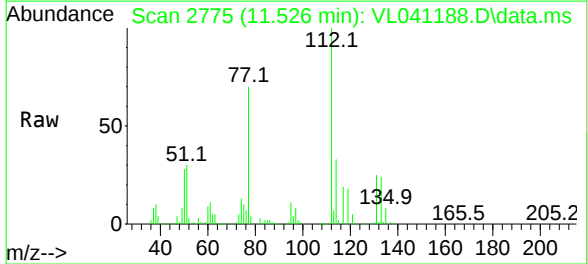
119 58.3 49.4 74.2





#57
Chlorobenzene
Concen: 8.883 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

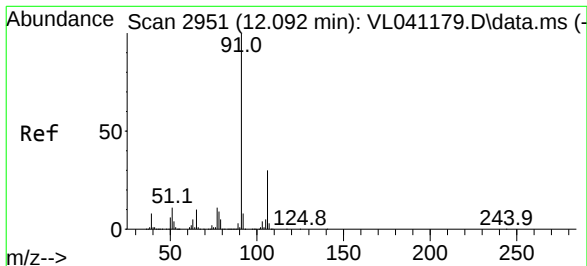
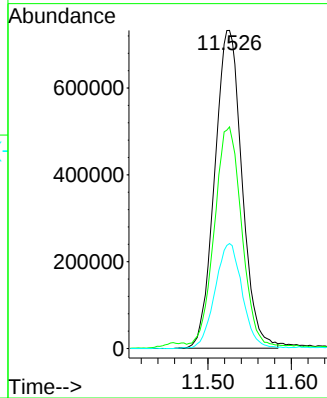
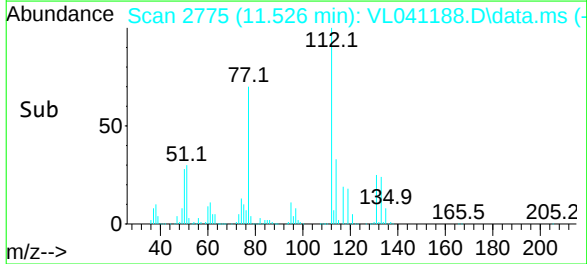
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 1667118
Ion Ratio Lower Upper
112 100
77 68.6 54.9 82.3
114 32.9 28.7 35.1

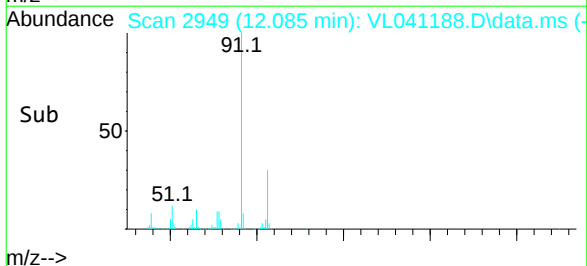
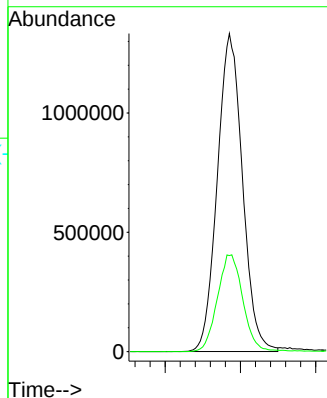
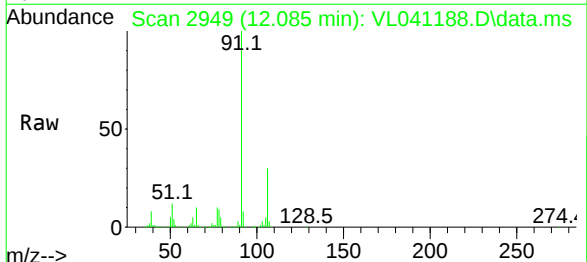
Manual Integrations
APPROVED

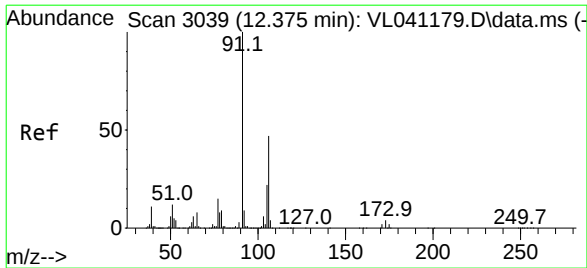
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#58
Ethyl Benzene
Concen: 8.794 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

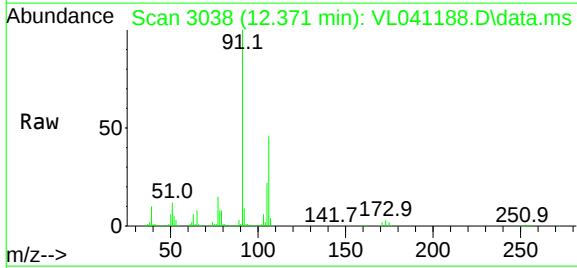
Tgt Ion: 91 Resp: 3089978
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5





#59
m/p-Xylene
Concen: 17.434 ppbv m
RT: 12.371 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

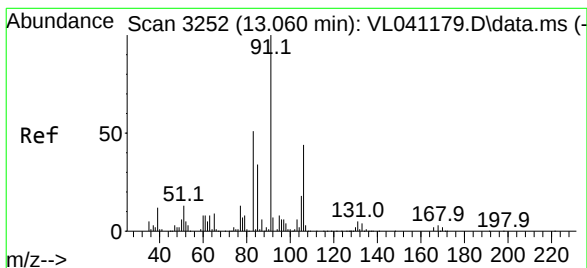
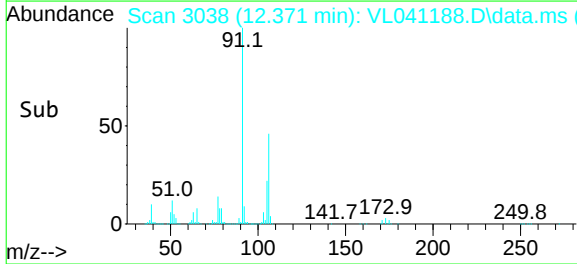
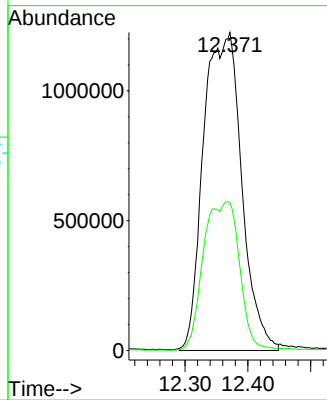
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 5148716
Ion Ratio Lower Upper
91 100
106 44.7 35.7 53.5

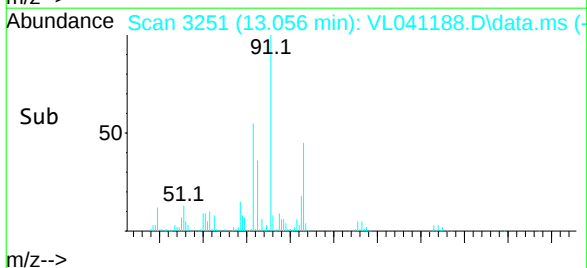
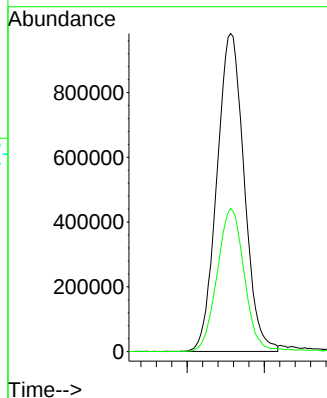
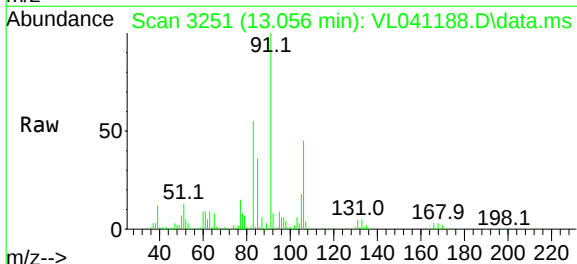
Manual Integrations
APPROVED

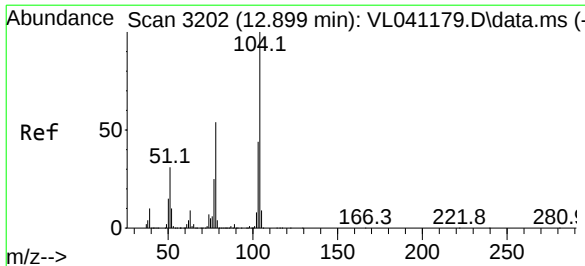
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#60
o-Xylene
Concen: 8.709 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 91 Resp: 2410914
Ion Ratio Lower Upper
91 100
106 45.3 22.4 67.3





#61

Styrene

Concen: 9.159 ppbv

RT: 12.896 min Scan# 3202

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

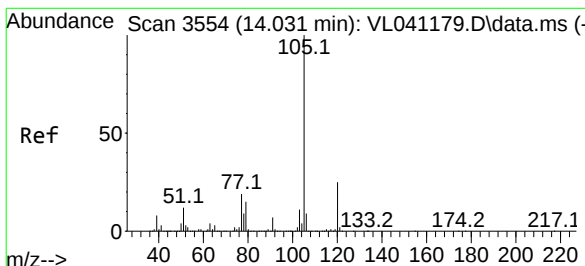
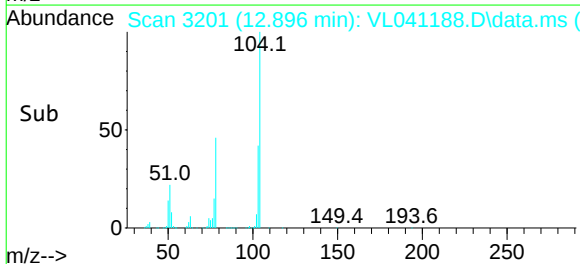
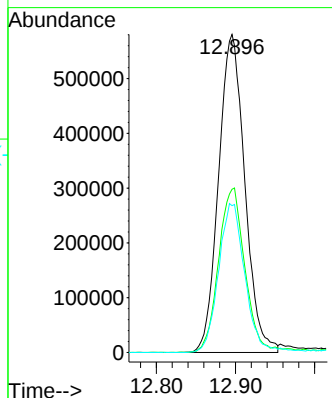
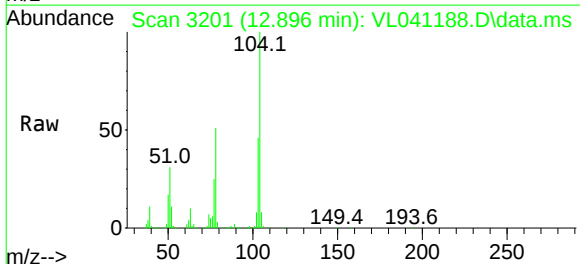
ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1339377
 Ion Ratio Lower Upper
 104 100
 78 52.6 42.6 63.8
 103 47.3 38.4 57.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024



#62

Isopropylbenzene

Concen: 8.727 ppbv

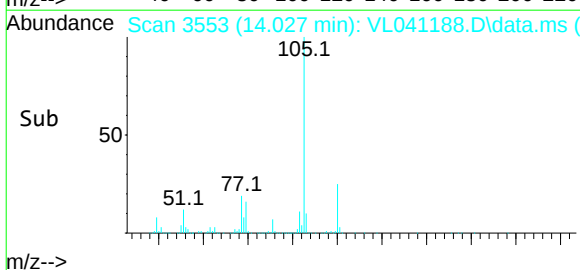
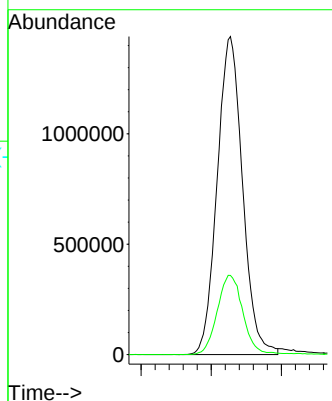
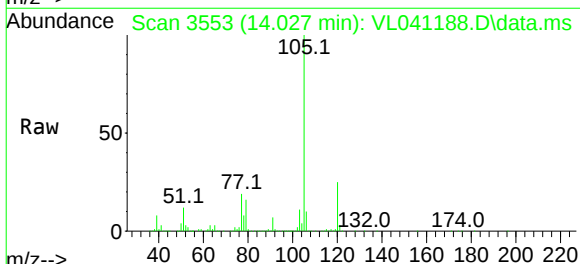
RT: 14.027 min Scan# 3553

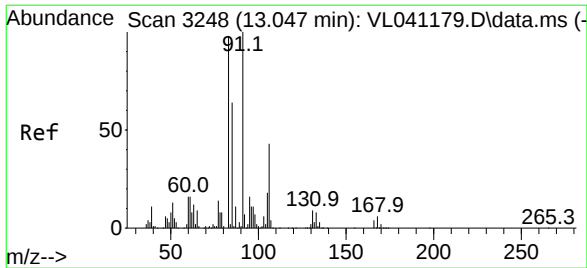
Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

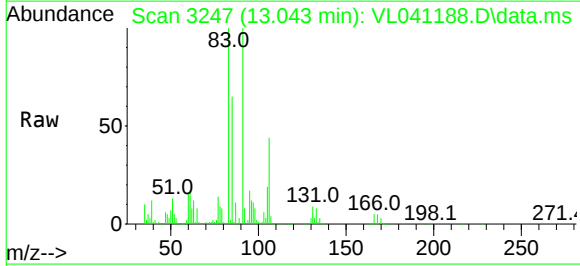
Tgt Ion:105 Resp: 3613394
 Ion Ratio Lower Upper
 105 100
 120 25.6 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.011 ppbv
RT: 13.043 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

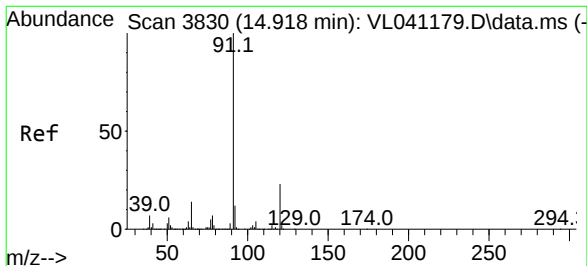
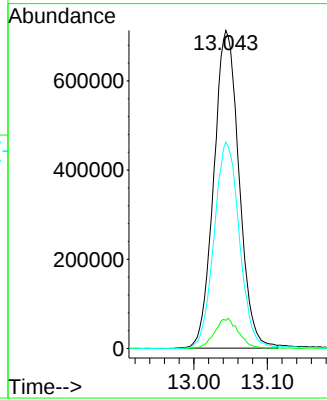
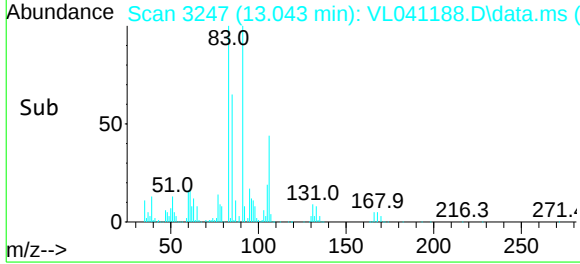
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1700222
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 66.0 32.7 98.1

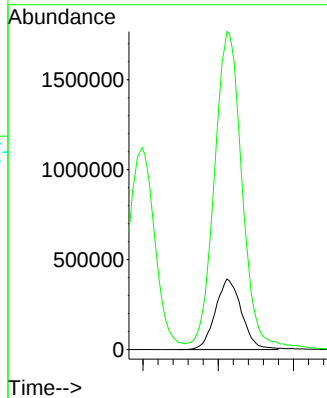
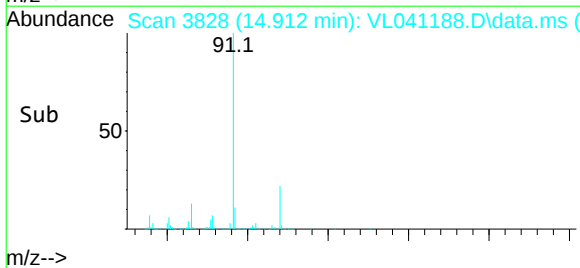
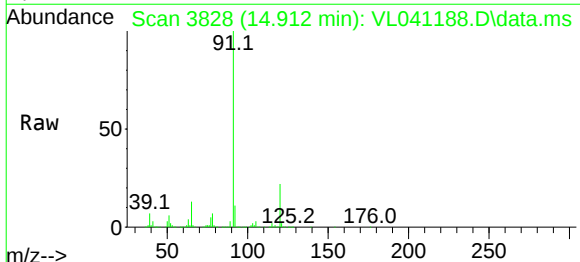
Manual Integrations
APPROVED

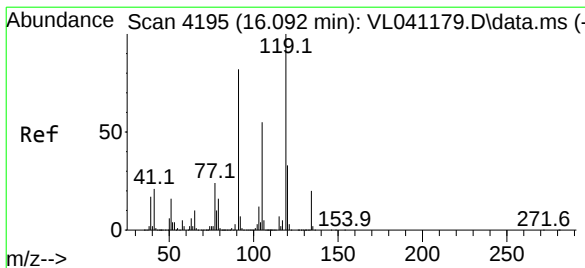
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#64
n-propylbenzene
Concen: 9.157 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

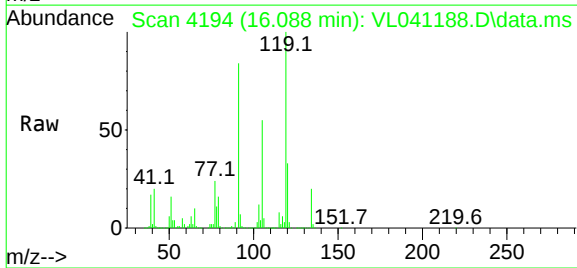
Tgt Ion:120 Resp: 945944
Ion Ratio Lower Upper
120 100
91 481.2 384.8 577.2





#65
tert-Butylbenzene
Concen: 8.481 ppbv
RT: 16.088 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

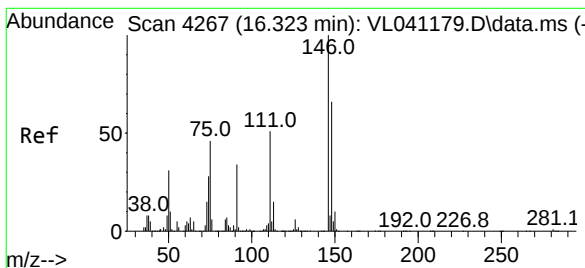
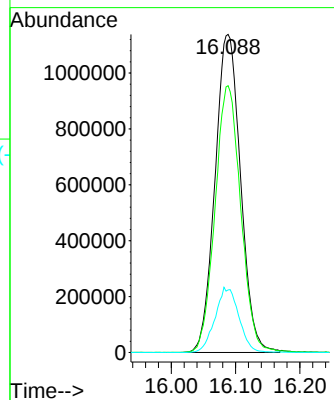
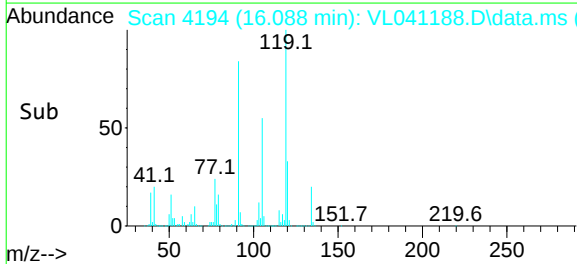
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 3145305
Ion Ratio Lower Upper
119 100
91 84.5 67.0 100.4
134 19.1 15.2 22.8

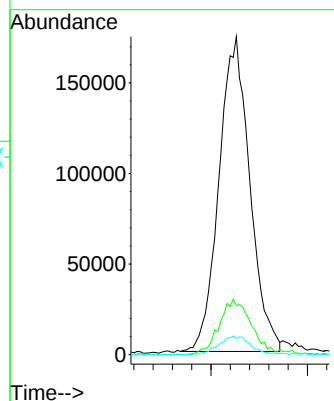
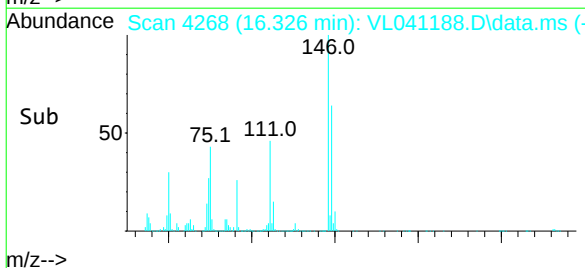
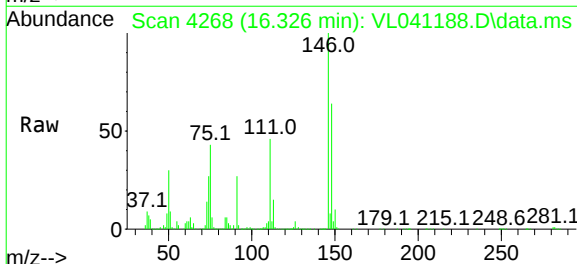
Manual Integrations
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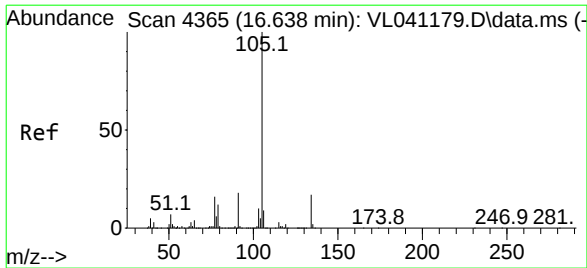
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#66
Benzyl Chloride
Concen: 9.196 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

Tgt Ion: 91 Resp: 386051
Ion Ratio Lower Upper
91 100
126 19.0 14.6 21.8
128 6.2 4.7 7.1





#67

sec-Butylbenzene

Concen: 8.653 ppbv

RT: 16.632 min Scan# 43

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4517632

Ion Ratio Lower Upper

105 100

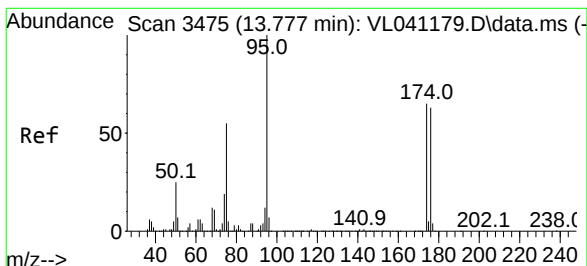
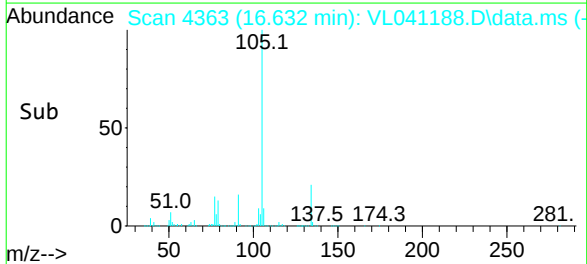
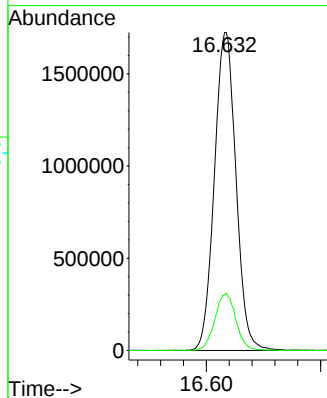
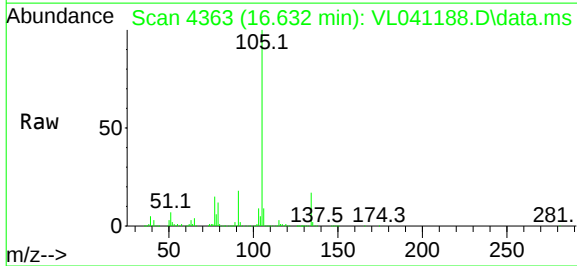
134 17.5 13.8 20.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.630 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

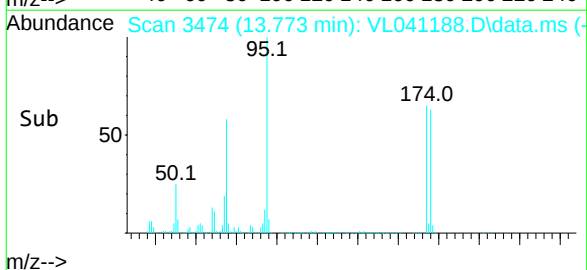
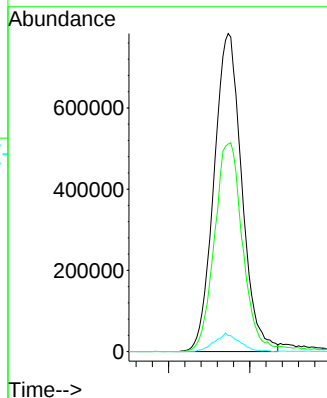
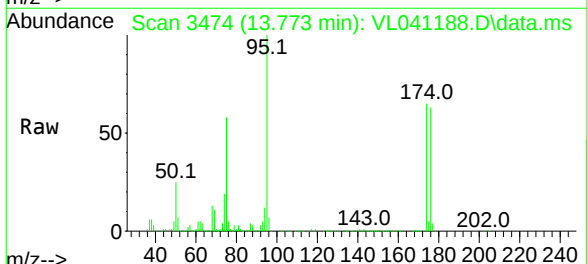
Tgt Ion: 95 Resp: 1863095

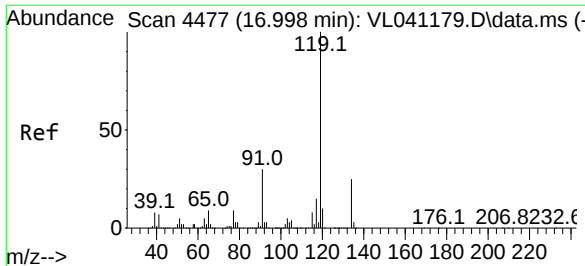
Ion Ratio Lower Upper

95 100

174 68.2 53.6 80.4

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.667 ppbv

RT: 16.992 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3728768

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

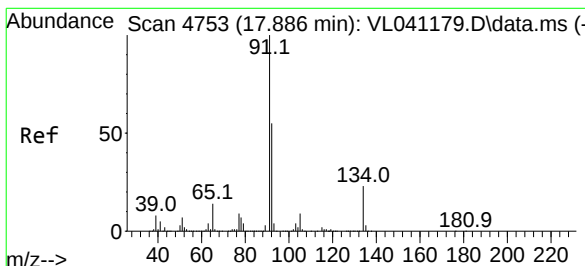
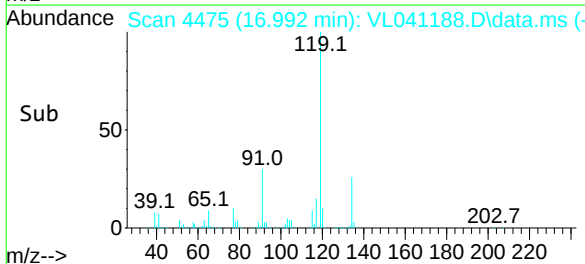
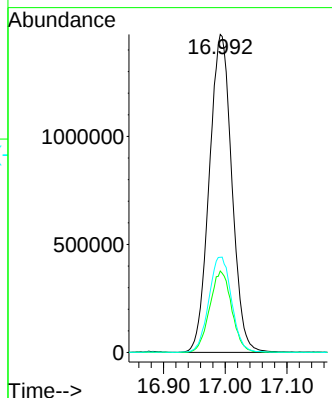
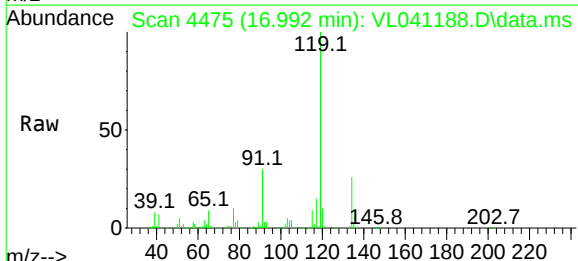
91 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#70

n-Butylbenzene

Concen: 8.697 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

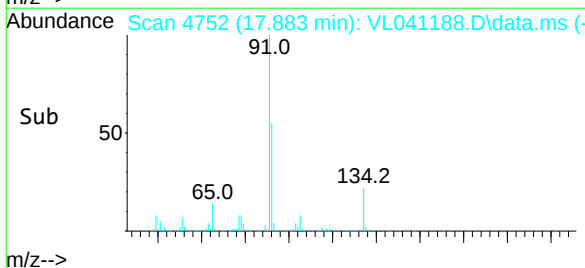
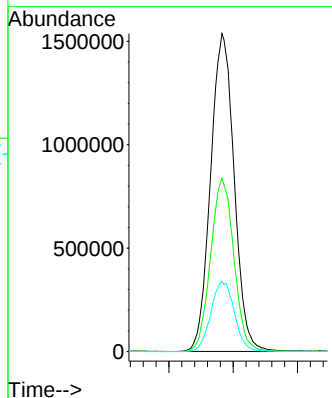
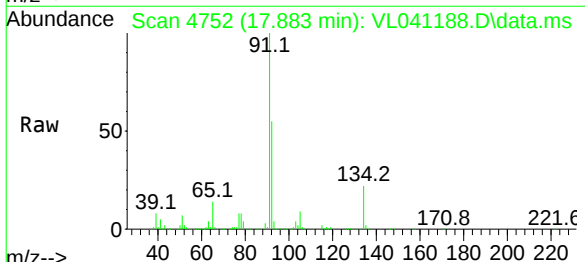
Tgt Ion: 91 Resp: 3907816

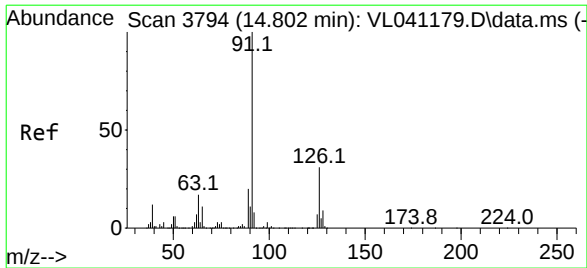
Ion Ratio Lower Upper

91 100

92 53.9 43.3 64.9

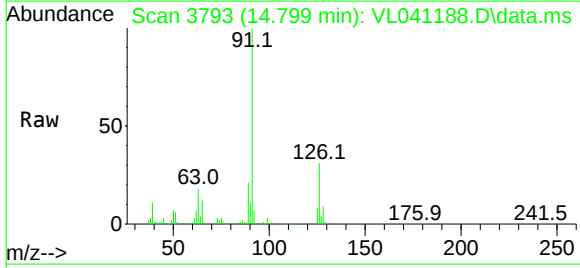
134 22.2 17.8 26.8





#71
2-Chlorotoluene
Concen: 8.783 ppbv
RT: 14.799 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18

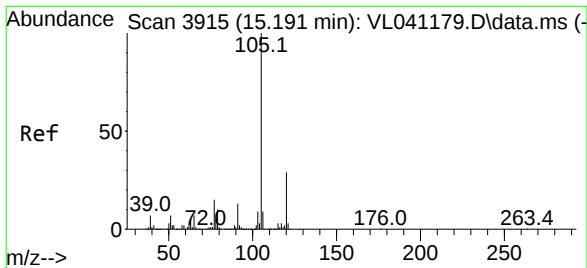
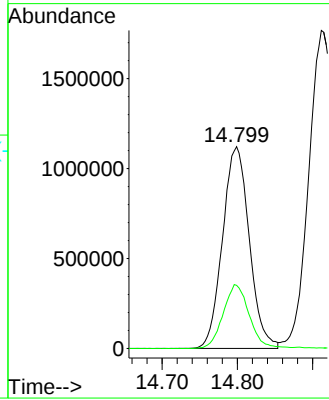
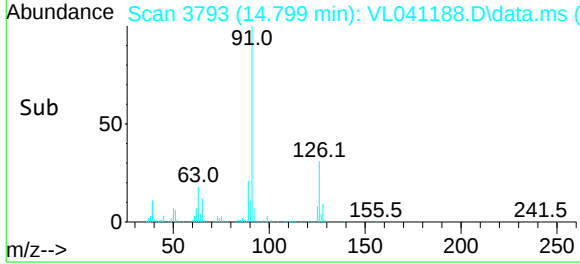
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



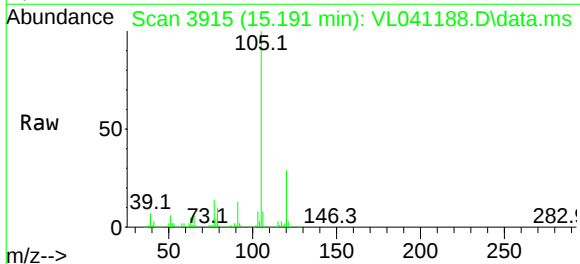
Tgt Ion: 91 Resp: 2769095
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8

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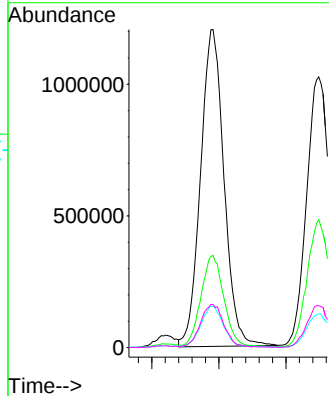
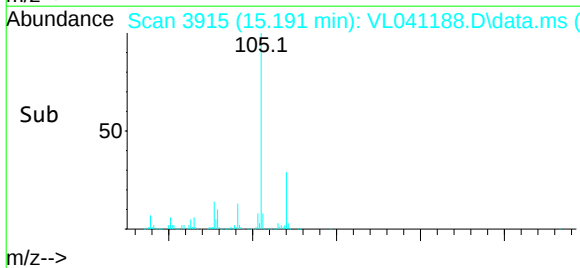
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

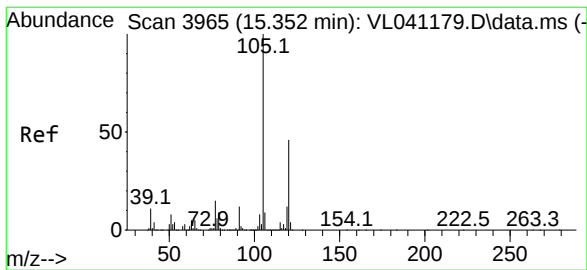


#72
4-Ethyltoluene
Concen: 9.330 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041188.D
Acq: 2 May 2024 9:18



Tgt Ion:105 Resp: 2925534
Ion Ratio Lower Upper
105 100
120 29.1 24.7 37.1
91 13.5 10.3 15.5
77 13.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 8.792 ppbv

RT: 15.349 min Scan# 39

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2494223

Ion Ratio Lower Upper

105 100

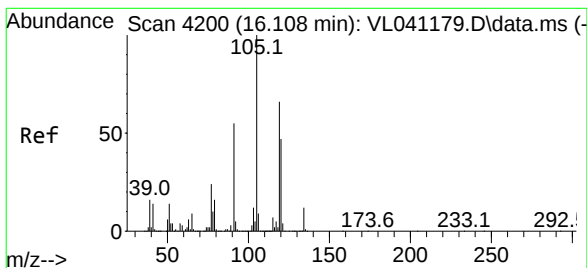
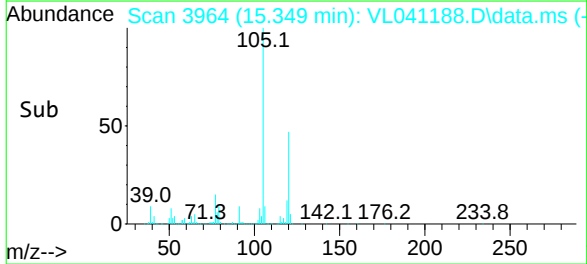
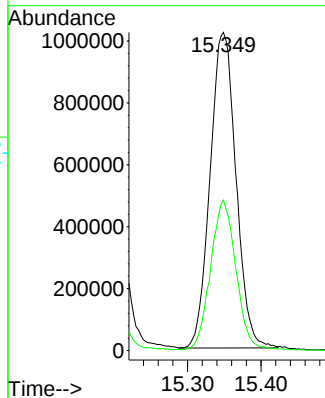
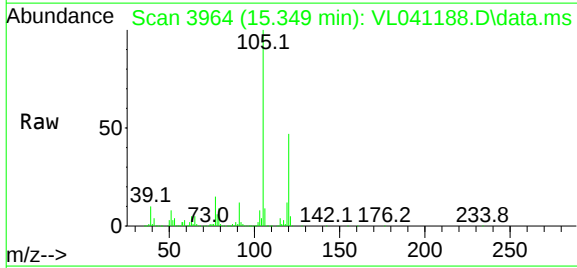
120 47.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#74

1,2,4-Trimethylbenzene

Concen: 8.801 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Tgt Ion:105 Resp: 2726930

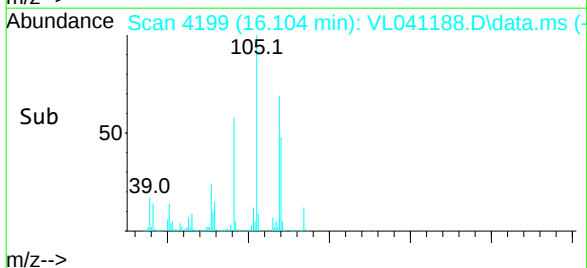
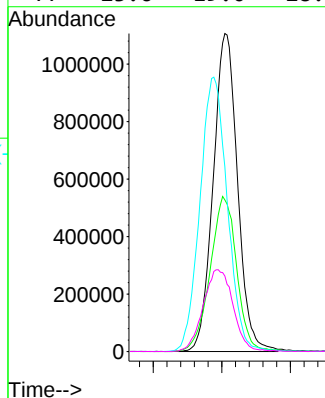
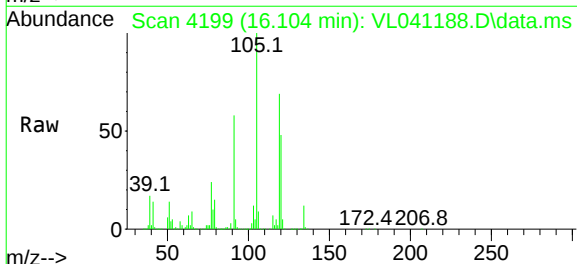
Ion Ratio Lower Upper

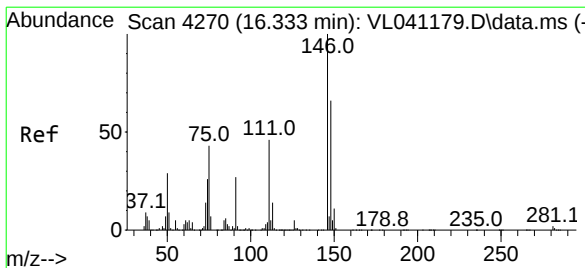
105 100

120 47.5 37.8 56.6

91 57.7 44.3 66.5

77 23.6 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.174 ppbv

RT: 16.329 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1629857

Ion Ratio Lower Upper

146 100

111 47.1 23.7 71.1

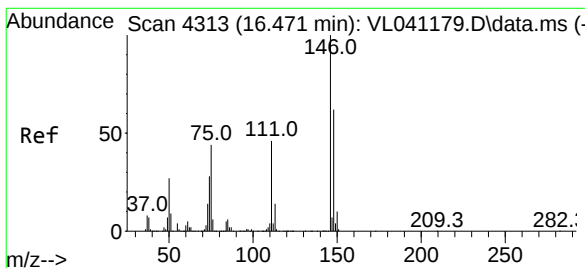
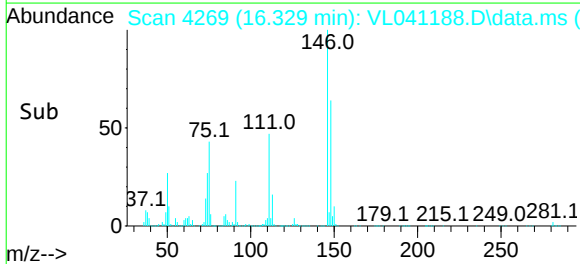
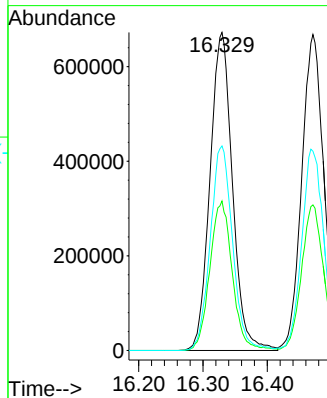
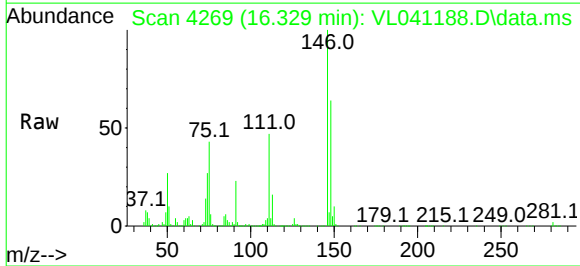
148 64.2 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#76

1,4-Dichlorobenzene

Concen: 9.310 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

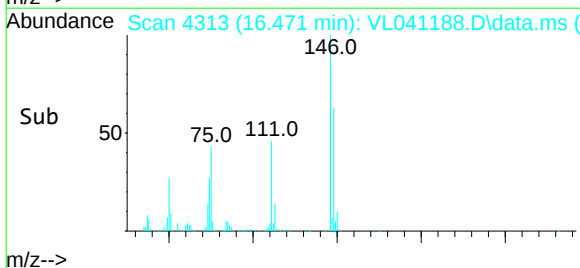
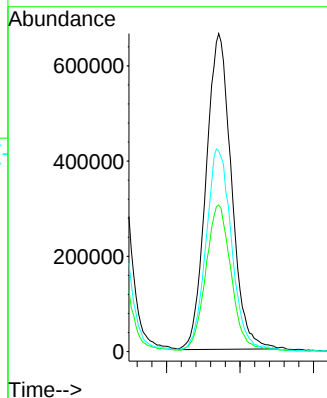
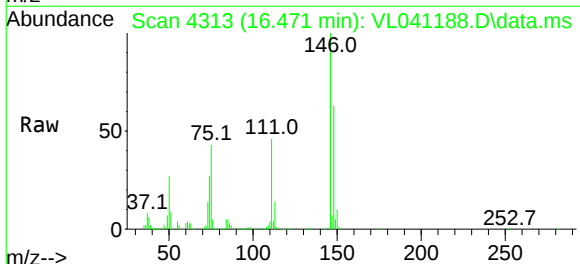
Tgt Ion:146 Resp: 1590703

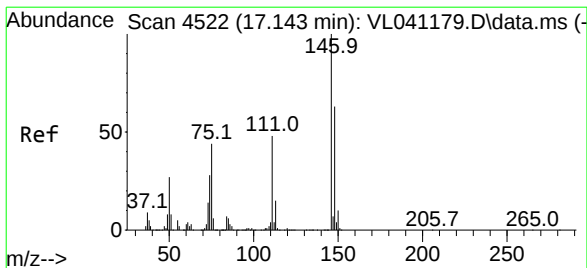
Ion Ratio Lower Upper

146 100

111 46.9 23.3 69.8

148 65.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 8.910 ppbv

RT: 17.140 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

Tgt Ion:146 Resp: 1582443

Ion Ratio Lower Upper

146 100

111 48.2 24.5 73.5

148 63.9 32.6 98.0

Instrument :

MSVOA_L

ClientSampleId :

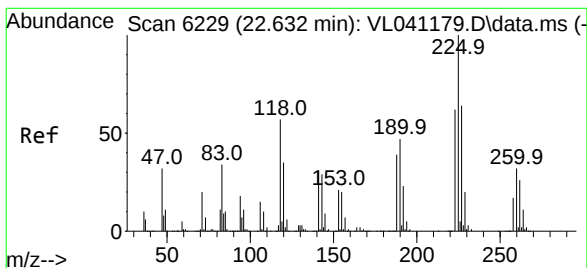
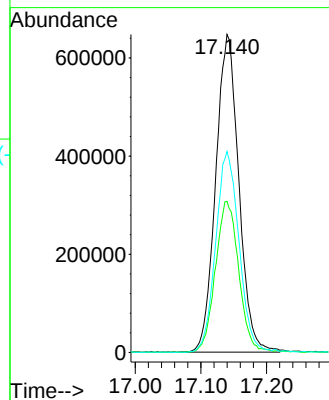
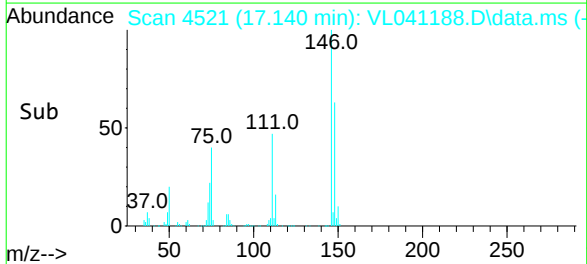
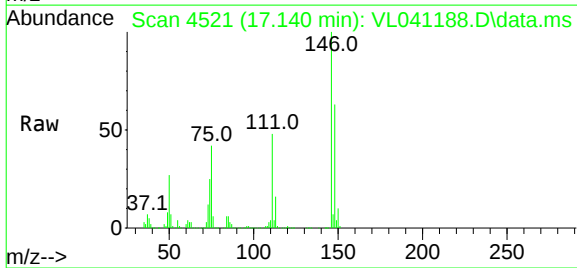
VSTDCCC010

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.856 ppbv

RT: 22.631 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

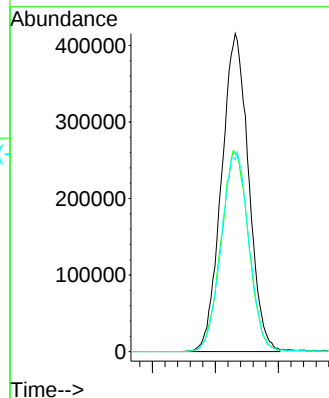
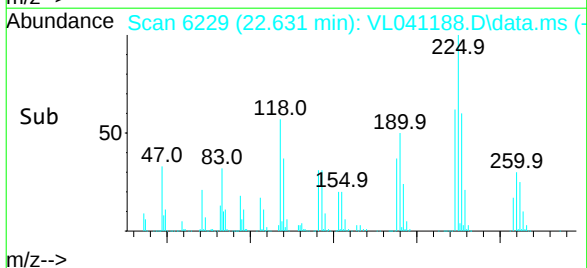
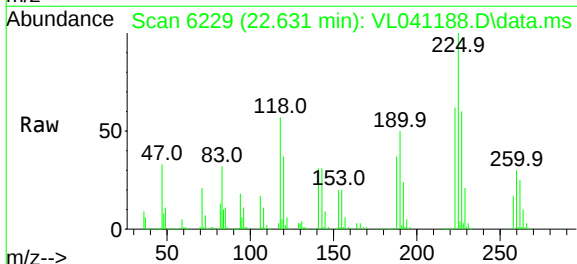
Tgt Ion:225 Resp: 1240007

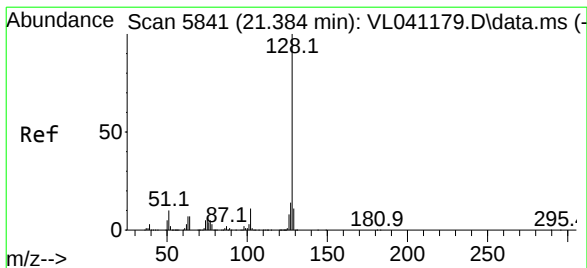
Ion Ratio Lower Upper

225 100

223 64.4 50.9 76.3

227 64.4 52.0 78.0





#79

Naphthalene

Concen: 9.488 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041188.D

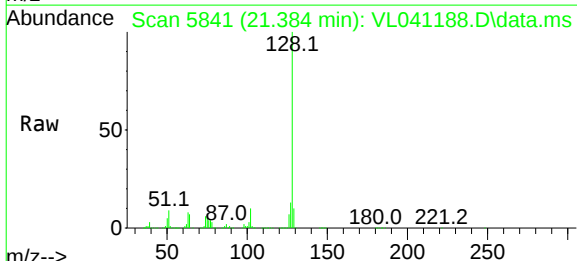
Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 2799619

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

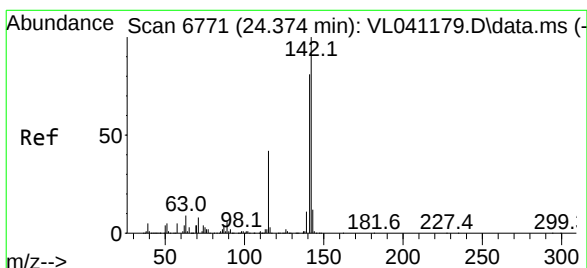
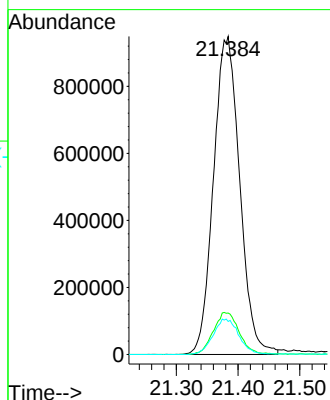
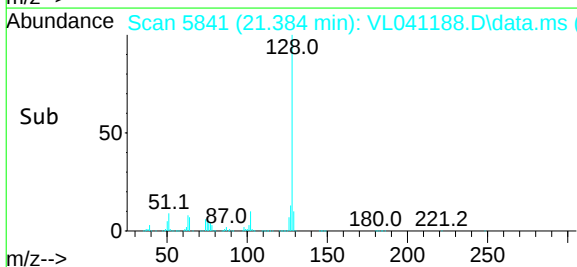
129 10.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#80

Naphthalene,2-methyl-

Concen: 7.754 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041188.D

Acq: 2 May 2024 9:18

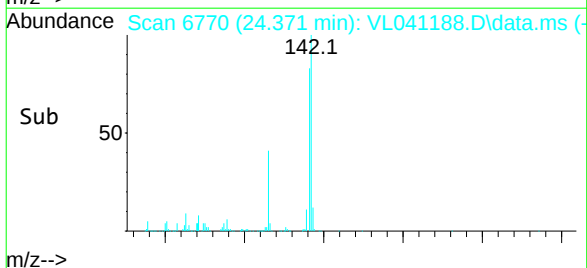
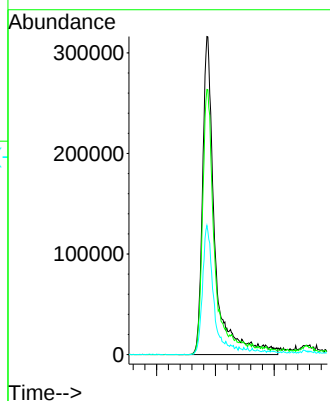
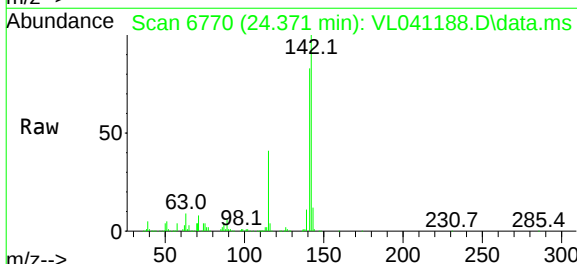
Tgt Ion:142 Resp: 920333

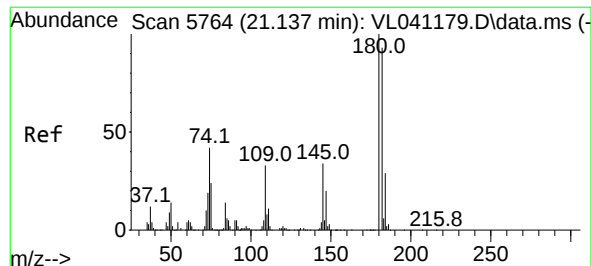
Ion Ratio Lower Upper

142 100

141 82.7 67.9 101.9

115 37.0 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 8.853 ppbv

RT: 21.136 min Scan# 57

Delta R.T. 0.000 min

Lab File: VL041188.D

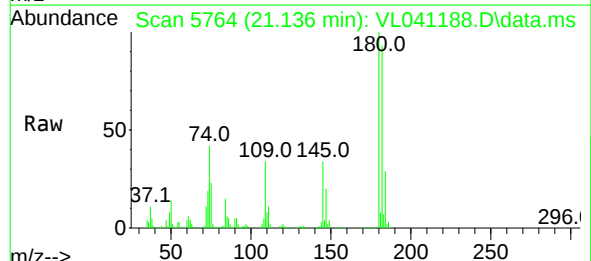
Acq: 2 May 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1379214

Ion Ratio Lower Upper

180 100

182 98.4 77.2 115.8

184 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024

