

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041349.D
 Acq On : 11 Jun 2024 16:14
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/12/2024
 Supervised By : Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 01:24:56 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1135850	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2970036	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3077151m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2180368 9.177 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1641085	9.047	ppbv	98
3) Chlorodifluoromethane	2.700	51	1736983	9.677	ppbv	99
4) Chloromethane	2.838	50	706186	10.452	ppbv	99
5) Vinyl Chloride	2.944	62	711738	10.458	ppbv	98
6) Bromomethane	3.140	94	212804	8.794	ppbv	94
7) Chloroethane	3.218	64	237727	10.145	ppbv	92
8) Dichlorotetrafluoroethane	2.883	85	1654483	9.918	ppbv	97
9) Propene	2.723	41	640195	10.013	ppbv	100
10) Heptane	7.587	43	1551829	10.240	ppbv	99
11) Trichlorofluoromethane	3.584	101	1625645	9.749	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	1197228	10.165	ppbv	97
13) Ethanol	3.266	45	142102	8.543	ppbv	100
14) Bromoethene	3.388	108	507721	10.652	ppbv	99
15) Acetone	3.488	43	1286782	9.922	ppbv	99
16) 1,3-Butadiene	3.009	39	705902	10.828	ppbv	98
17) tert-Butyl alcohol	3.896	59	1283733	10.752	ppbv	99
18) 1,1-Dichloroethene	3.899	96	540955	10.767	ppbv	96
19) Isopropyl Alcohol	3.594	45	869405	10.671	ppbv	99
20) Methylene Chloride	3.951	84	461593	9.793	ppbv	97
21) Allyl Chloride	4.015	41	853431	10.388	ppbv	98
22) trans-1,2-Dichloroethene	4.462	96	551262	10.529	ppbv	96
23) Vinyl Acetate	4.642	43	1443163	10.881	ppbv	99
24) 1,1-Dichloroethane	4.578	63	1184038	10.148	ppbv	100
25) Ethyl Acetate	5.218	43	2591142	10.100	ppbv	99
26) Hexane	5.224	57	1162838	10.079	ppbv	97
27) Carbon Disulfide	4.140	76	1412166	11.050	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	884689	10.346	ppbv	100
29) Chloroform	5.288	83	1699565	9.601	ppbv	100
30) Cyclohexane	6.610	84	951209	10.171	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	1142122	10.476	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1656811	9.881	ppbv	100
34) 2-Butanone	4.800	43	1580474	11.108	ppbv	100
35) Carbon Tetrachloride	6.504	117	1699782	10.070	ppbv	100
36) Benzene	6.382	78	2386029	10.365	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1326150	9.881	ppbv	99
38) Trichloroethene	7.301	130	898776	9.634	ppbv	99
39) 1,2-Dichloropropane	7.082	63	932927	10.177	ppbv	98
40) 1,4-Dioxane	7.295	88	329095m	9.803	ppbv	
41) Tetrahydrofuran	5.568	42	1024400	11.065	ppbv	99
42) Bromodichloromethane	7.259	83	1895617	9.834	ppbv	100
43) Methyl Methacrylate	7.481	69	957580	10.917	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3997533	10.097	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	589674	9.963	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041349.D
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 01:24:56 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

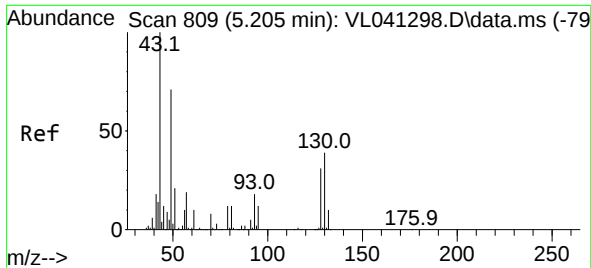
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

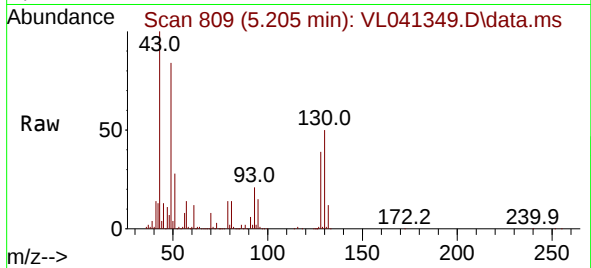
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	783724	10.287	ppbv	96
47) 1,1,2-Trichloroethane	8.906	97	973664	10.164	ppbv	96
48) Dibromochloromethane	9.713	129	1630804	10.330	ppbv	100
49) Bromoform	12.413	173	1420319	11.164	ppbv	100
50) 4-Methyl-2-Pentanone	8.189	43	2486936	10.559	ppbv	100
51) 2-Hexanone	9.552	43	1802430	10.767	ppbv #	98
52) Tetrachloroethene	10.616	164	898917	10.708	ppbv	96
53) Toluene	9.227	91	2796549	10.561	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1291874	10.345	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.513	131	1208777	9.288	ppbv	99
57) Chlorobenzene	11.529	112	2099663	9.186	ppbv	99
58) Ethyl Benzene	12.092	91	3730456	9.458	ppbv	99
59) m/p-Xylene	12.375	91	6228312m	18.430	ppbv	
60) o-Xylene	13.063	91	2968557	9.214	ppbv	99
61) Styrene	12.902	104	1604204	10.156	ppbv	99
62) Isopropylbenzene	14.031	105	4464155	9.162	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	2120005	9.249	ppbv	100
64) n-propylbenzene	14.918	120	1198270	9.542	ppbv	97
65) tert-Butylbenzene	16.089	119	3973157	9.173	ppbv	98
66) Benzyl Chloride	16.326	91	176292	6.186	ppbv	98
67) sec-Butylbenzene	16.635	105	5592408	9.139	ppbv	100
69) p-Isopropyltoluene	16.995	119	4699778	9.319	ppbv	99
70) n-Butylbenzene	17.886	91	4872522	9.313	ppbv	99
71) 2-Chlorotoluene	14.799	91	3401719	9.122	ppbv	98
72) 4-Ethyltoluene	15.195	105	3587007	9.557	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	3141348	9.643	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3423362	9.292	ppbv	98
75) 1,3-Dichlorobenzene	16.330	146	2113472	9.772	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	2066682	9.563	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	2066585	9.546	ppbv	98
78) Hexachloro-1,3-Butadiene	22.632	225	1555337	8.766	ppbv	100
79) Naphthalene	21.384	128	3589516	11.229	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1035561	9.593	ppbv	100
81) 1,2,4-Trichlorobenzene	21.143	180	1822938	10.226	ppbv #	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

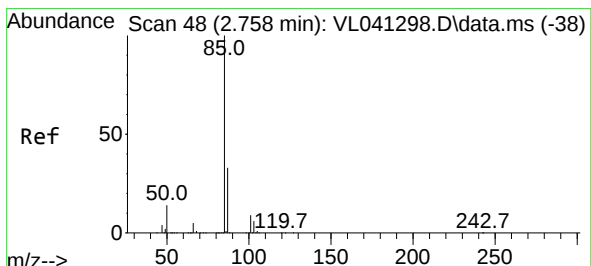
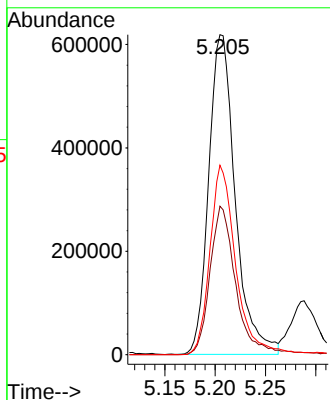
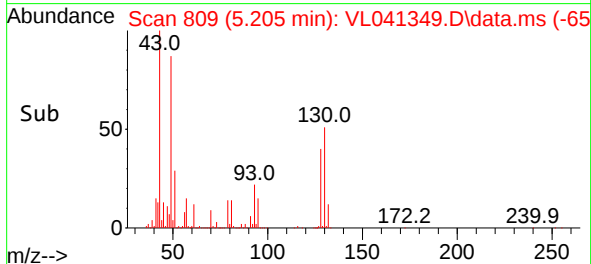
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1135850
Ion Ratio Lower Upper
49 100
128 46.1 22.8 68.3
130 58.5 28.4 85.3

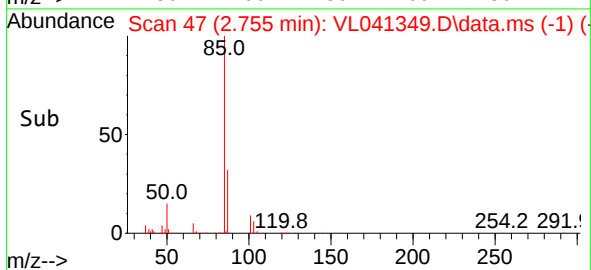
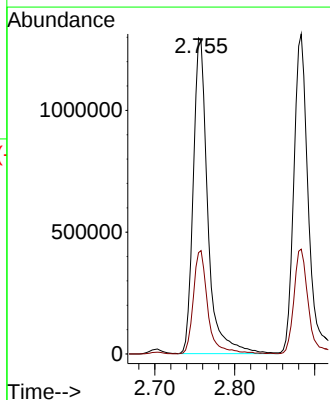
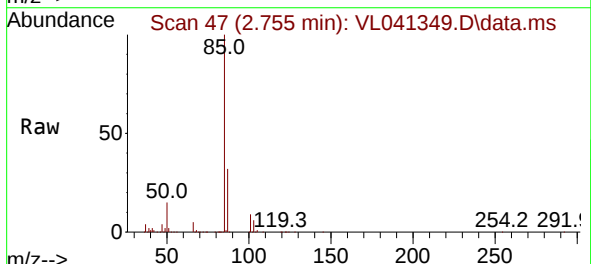
Manual Integrations
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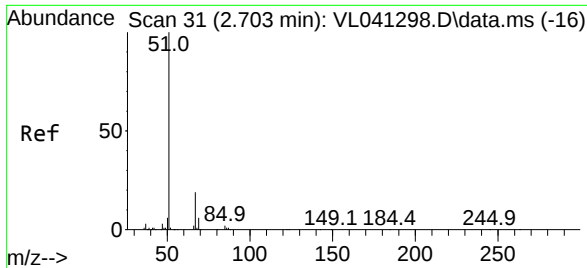
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#2
Dichlorodifluoromethane
Concen: 9.047 ppbv
RT: 2.755 min Scan# 47
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 85 Resp: 1641085
Ion Ratio Lower Upper
85 100
87 32.0 26.5 39.7





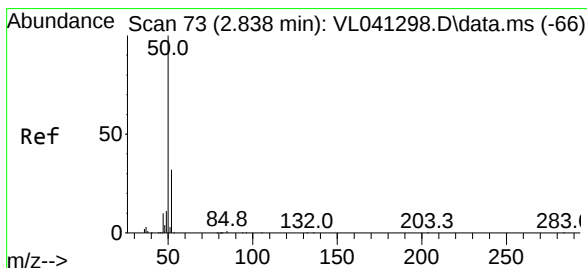
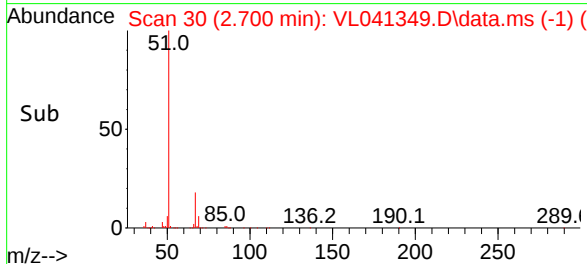
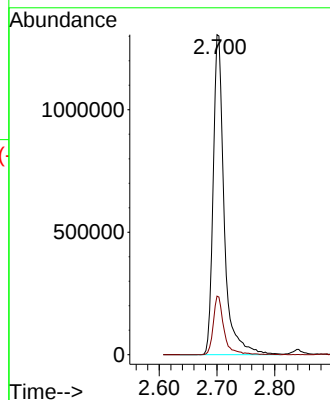
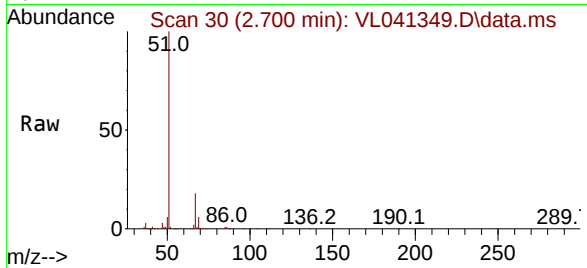
#3
Chlorodifluoromethane
Concen: 9.677 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 173698
Ion Ratio Lower Upper
51 100
67 17.9 14.7 22.1

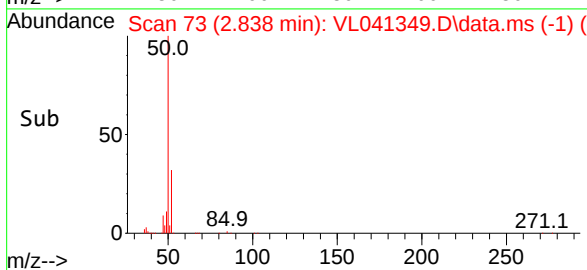
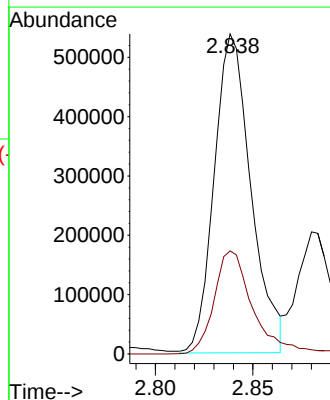
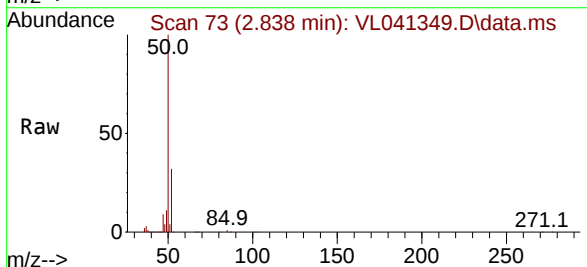
Manual Integrations
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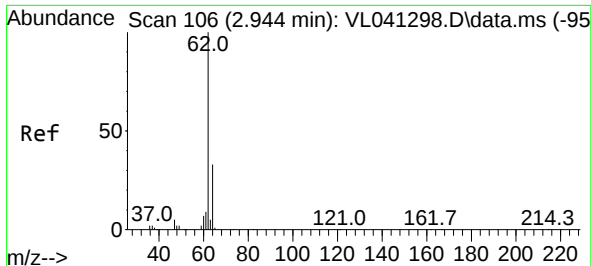
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#4
Chloromethane
Concen: 10.452 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 50 Resp: 706186
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4





#5
 Vinyl Chloride
 Concen: 10.458 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

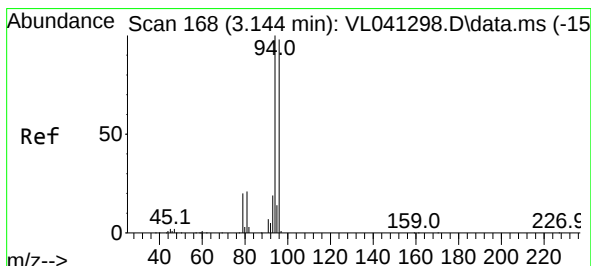
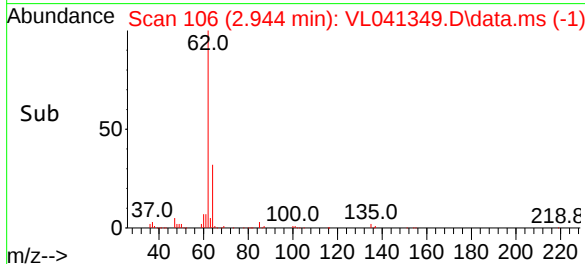
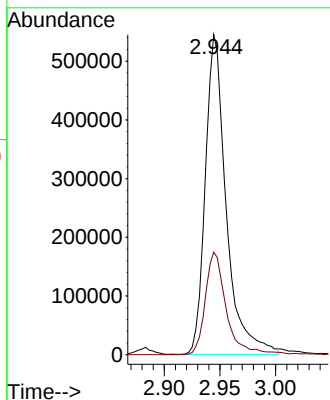
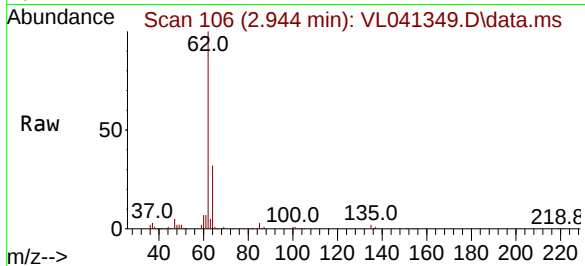
VSTDCCC010EC

Tgt Ion: 62 Resp: 711738
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.6 40.0

Manual Integrations

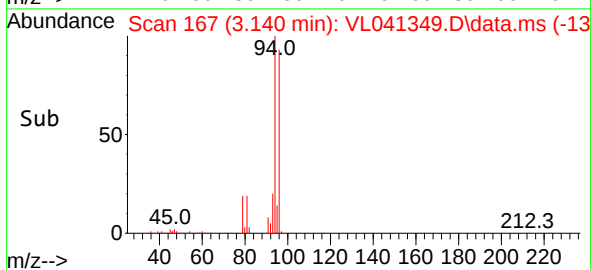
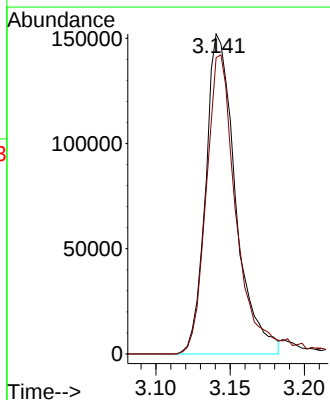
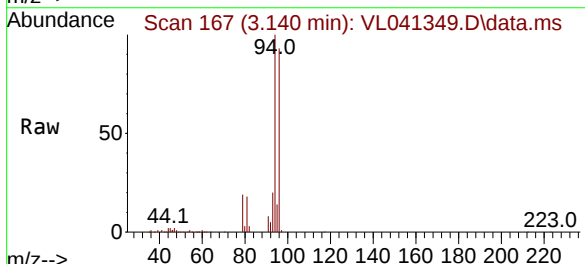
APPROVED

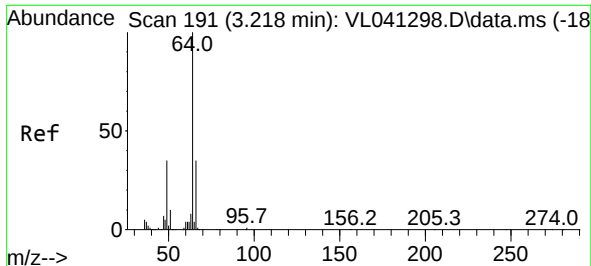
Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024



#6
 Bromomethane
 Concen: 8.794 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. -0.006 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

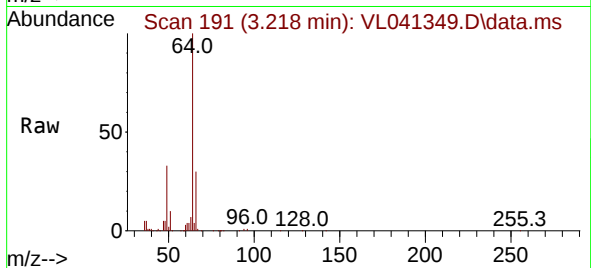
Tgt Ion: 94 Resp: 212804
 Ion Ratio Lower Upper
 94 100
 96 92.4 78.6 117.8





#7
Chloroethane
Concen: 10.145 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

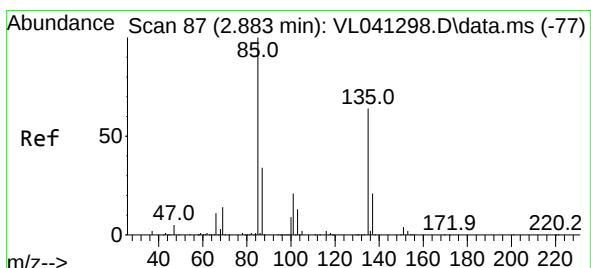
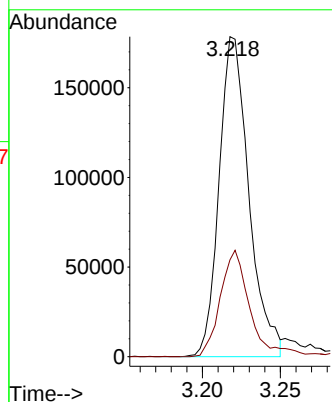
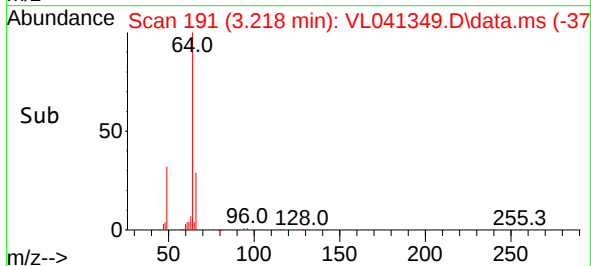
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 23772
Ion Ratio Lower Upper
64 100
66 30.3 28.1 42.1

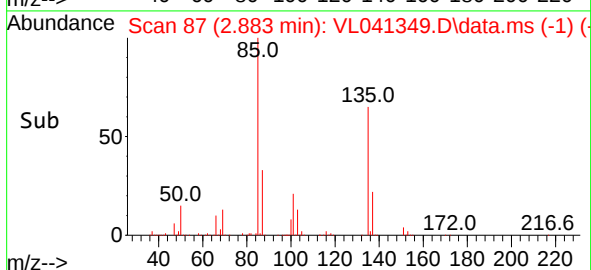
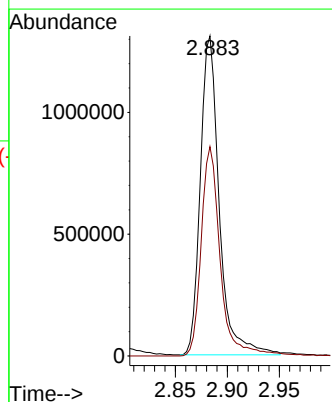
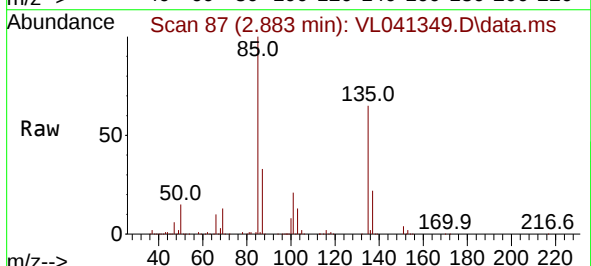
Manual Integrations
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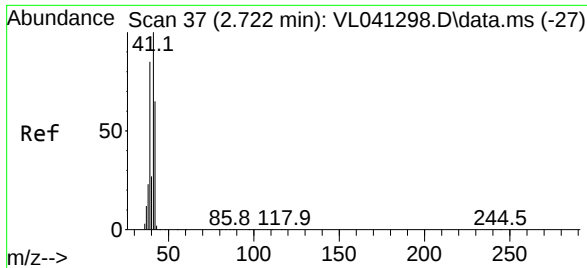
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#8
Dichlorotetrafluoroethane
Concen: 9.918 ppbv
RT: 2.883 min Scan# 87
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

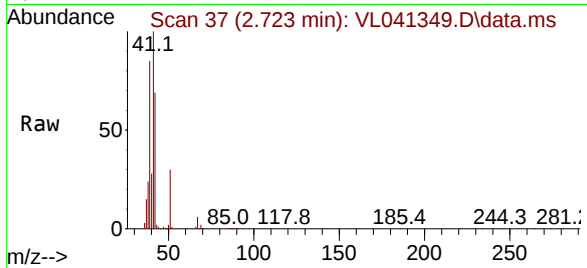
Tgt Ion: 85 Resp: 1654483
Ion Ratio Lower Upper
85 100
135 66.6 51.7 77.5





#9
 Propene
 Concen: 10.013 ppbv
 RT: 2.723 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

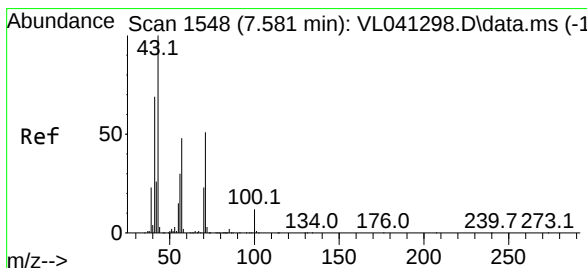
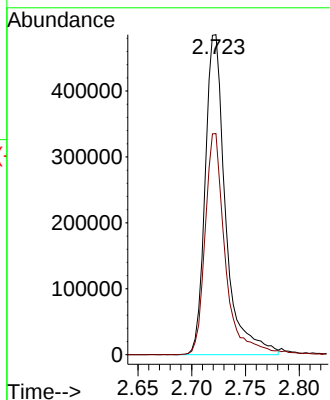
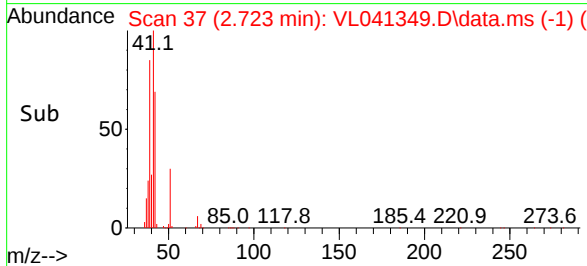
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



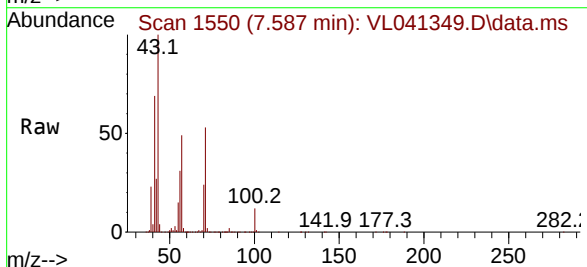
Tgt Ion: 41 Resp: 640195
 Ion Ratio Lower Upper
 41 100
 42 69.2 55.2 82.8

Manual Integrations
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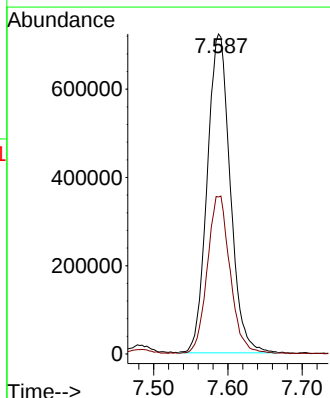
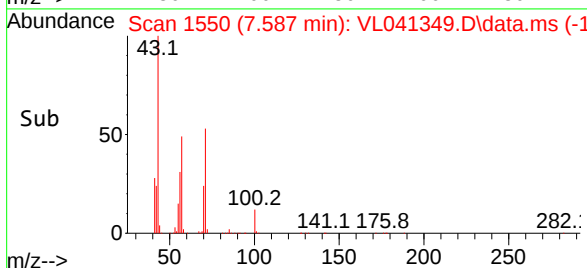
Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

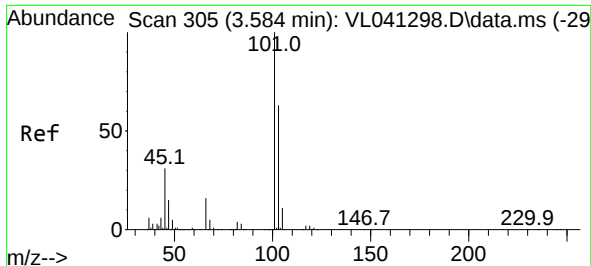


#10
 Heptane
 Concen: 10.240 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.003 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14



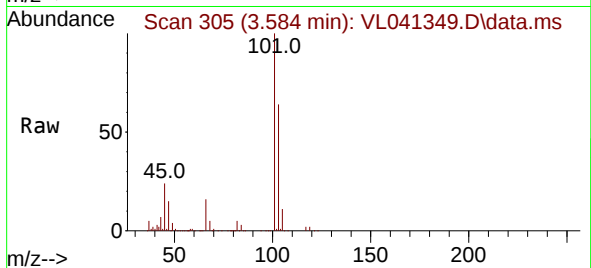
Tgt Ion: 43 Resp: 1551829
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.0 58.4





#11
Trichlorofluoromethane
Concen: 9.749 ppbv
RT: 3.584 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

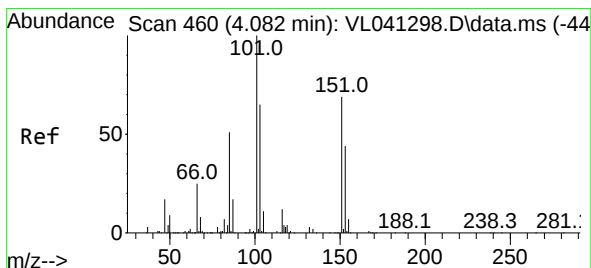
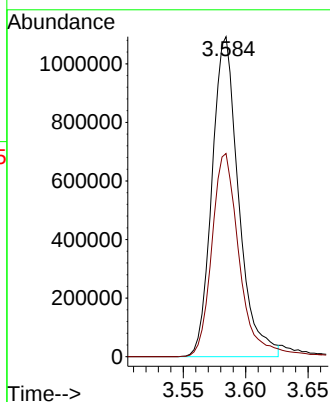
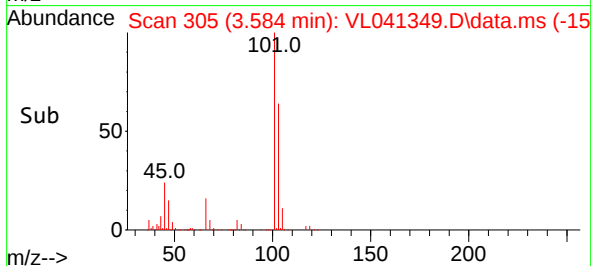
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



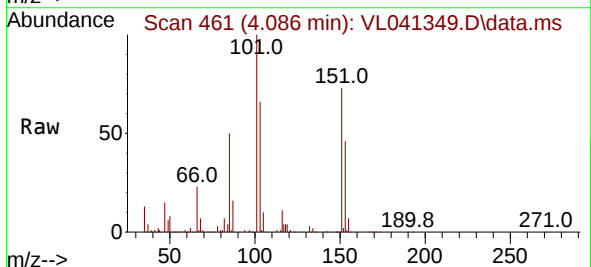
Tgt Ion:101 Resp: 1625649
Ion Ratio Lower Upper
101 100
103 63.5 50.6 76.0

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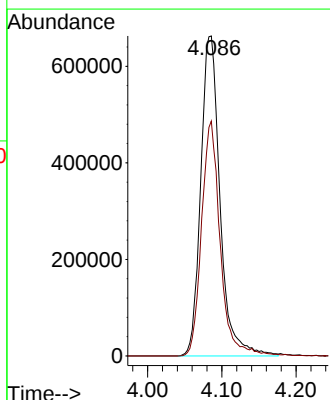
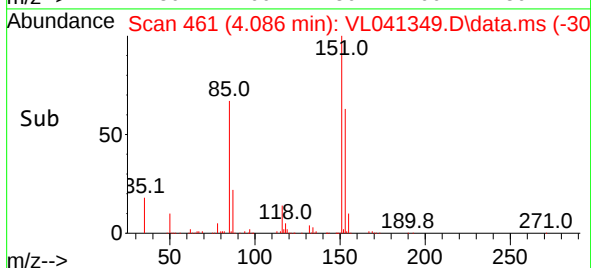
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

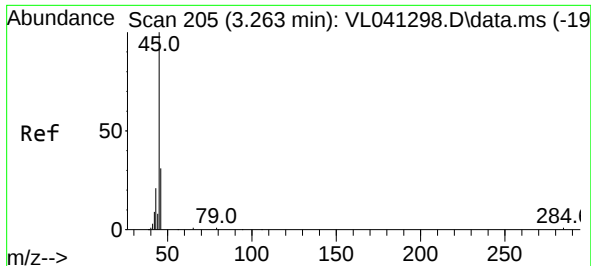


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.165 ppbv
RT: 4.086 min Scan# 461
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion:101 Resp: 1197228
Ion Ratio Lower Upper
101 100
151 71.2 54.8 82.2





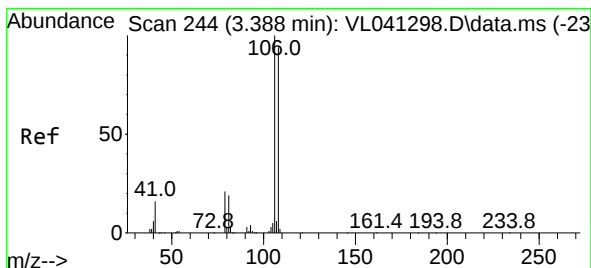
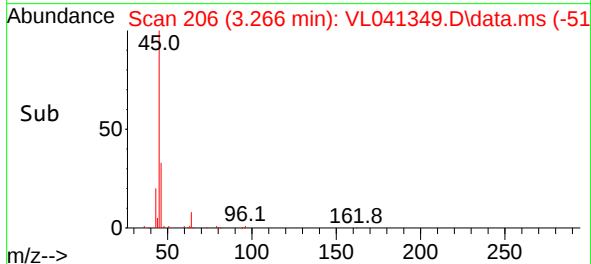
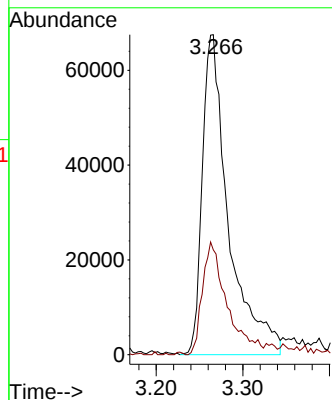
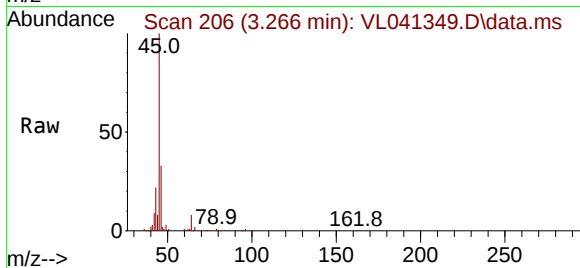
#13
Ethanol
Concen: 8.543 ppbv
RT: 3.266 min Scan# 205
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 14210
Ion Ratio Lower Upper
45 100
46 35.3 14.2 56.6

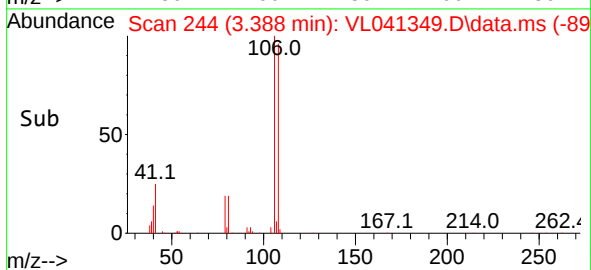
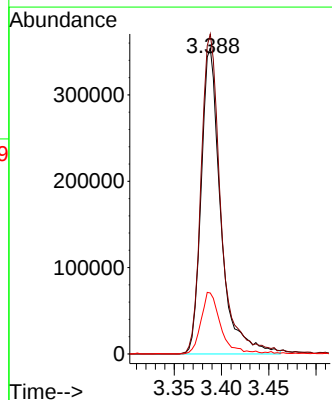
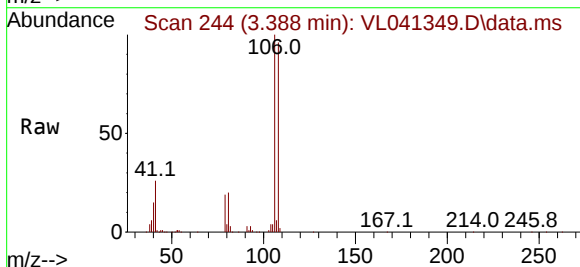
Manual Integrations
APPROVED

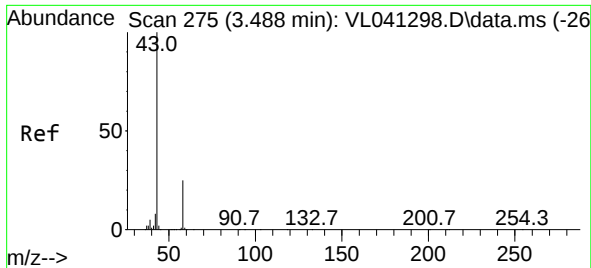
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#14
Bromoethene
Concen: 10.652 ppbv
RT: 3.388 min Scan# 244
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion:108 Resp: 507721
Ion Ratio Lower Upper
108 100
106 107.7 85.4 128.0
79 20.7 17.8 26.8





#15

Acetone

Concen: 9.922 ppbv

RT: 3.488 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 128678

Ion Ratio Lower Upper

43 100

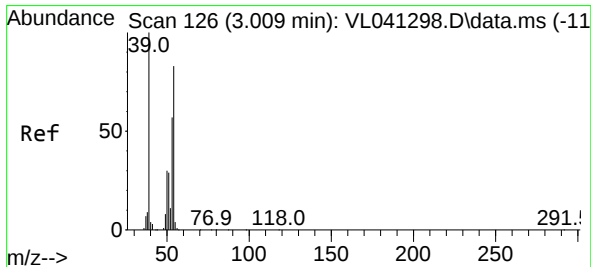
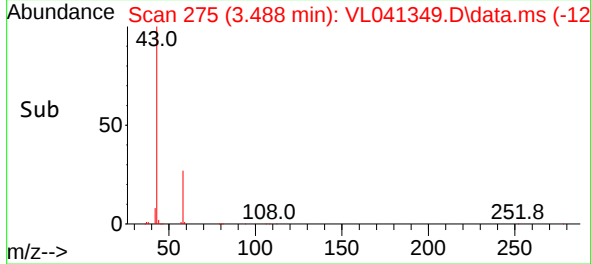
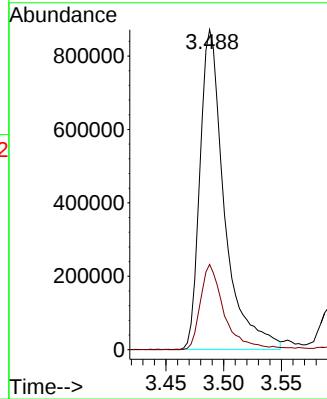
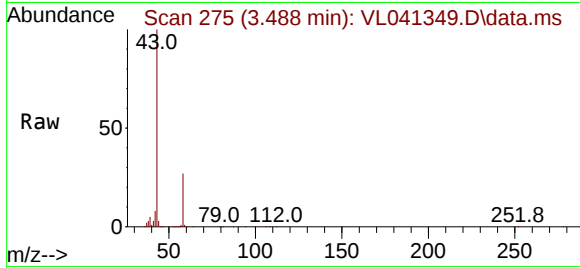
58 26.4 20.6 31.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#16

1,3-Butadiene

Concen: 10.828 ppbv

RT: 3.009 min Scan# 126

Delta R.T. -0.006 min

Lab File: VL041349.D

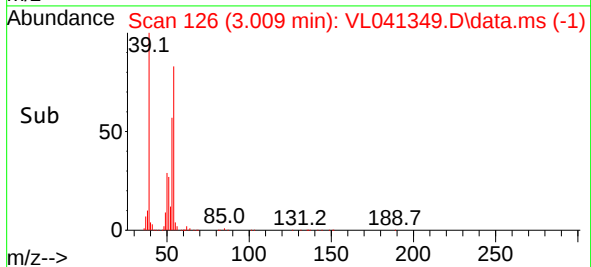
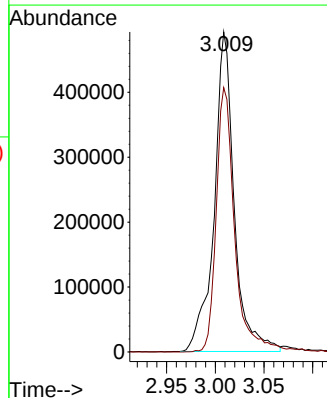
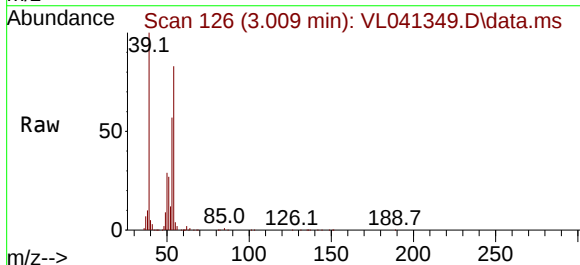
Acq: 11 Jun 2024 16:14

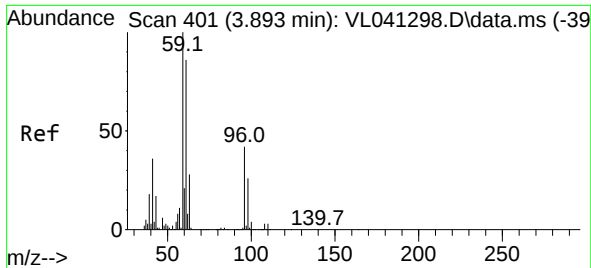
Tgt Ion: 39 Resp: 705902

Ion Ratio Lower Upper

39 100

54 77.1 60.5 90.7





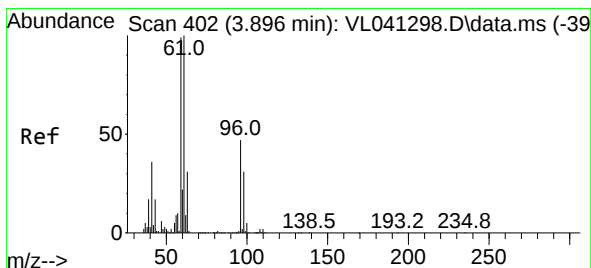
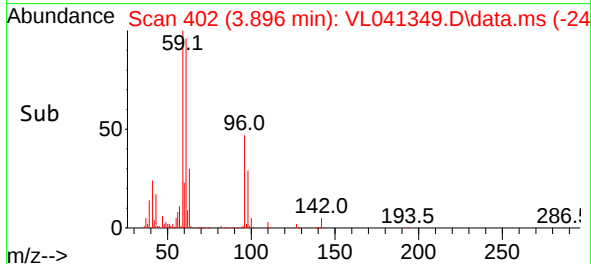
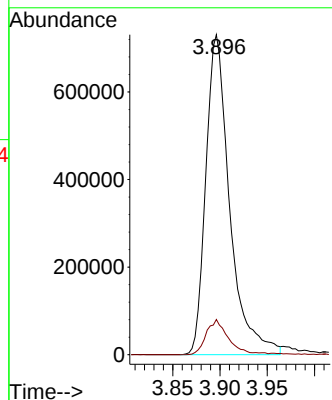
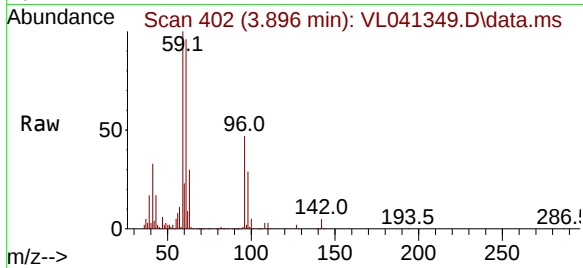
#17
tert-Butyl alcohol
Concen: 10.752 ppbv
RT: 3.896 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 128373
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

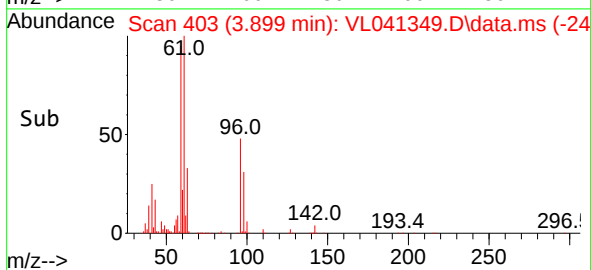
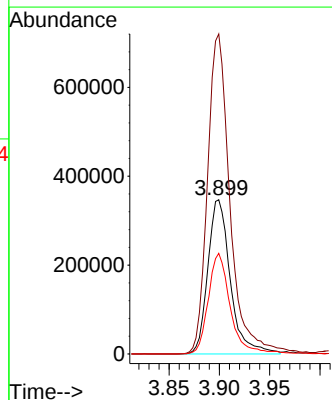
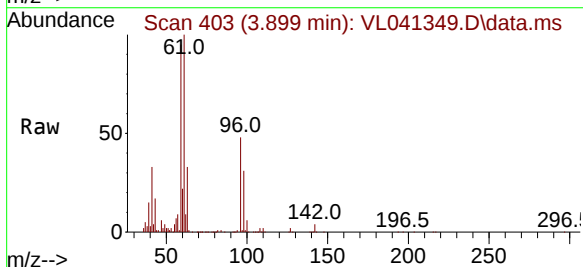
Manual Integrations
APPROVED

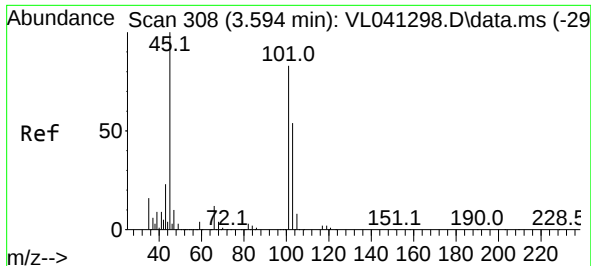
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#18
1,1-Dichloroethene
Concen: 10.767 ppbv
RT: 3.899 min Scan# 403
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

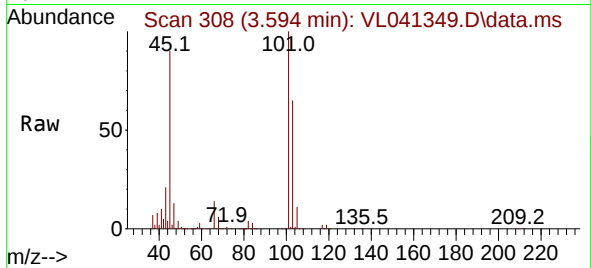
Tgt Ion: 96 Resp: 540955
Ion Ratio Lower Upper
96 100
61 207.4 171.8 257.8
98 65.2 53.1 79.7





#19
Isopropyl Alcohol
Concen: 10.671 ppbv
RT: 3.594 min Scan# 308
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

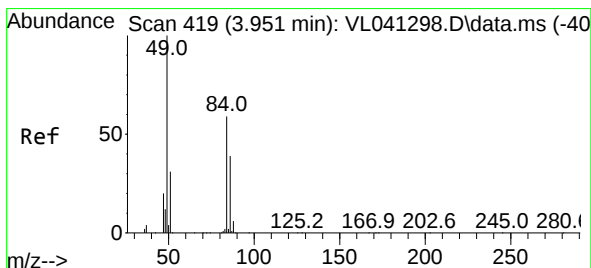
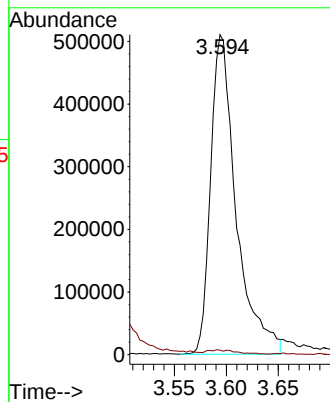
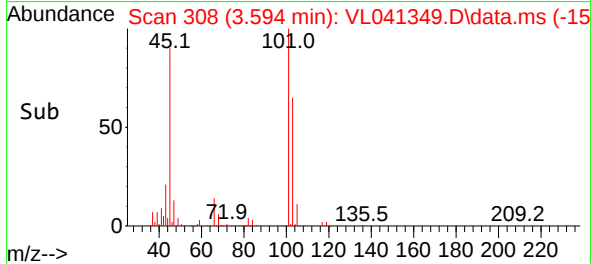
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



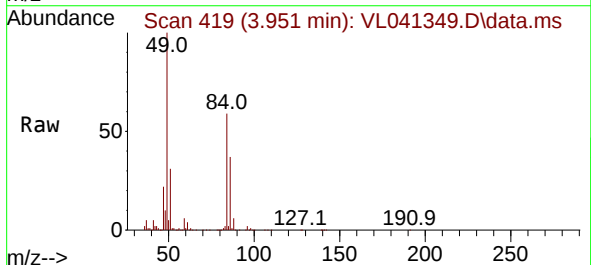
Tgt Ion: 45 Resp: 86940
Ion Ratio Lower Upper
45 100
58 1.5 1.4 2.2

Manual Integrations
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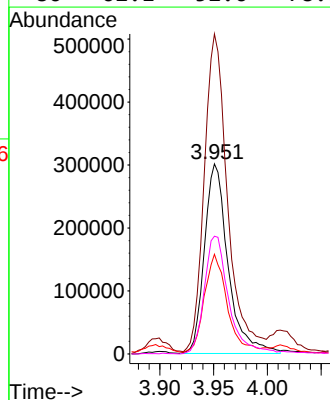
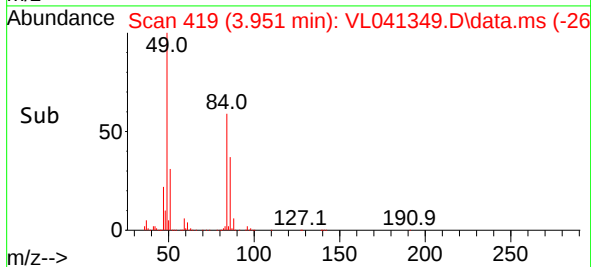
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

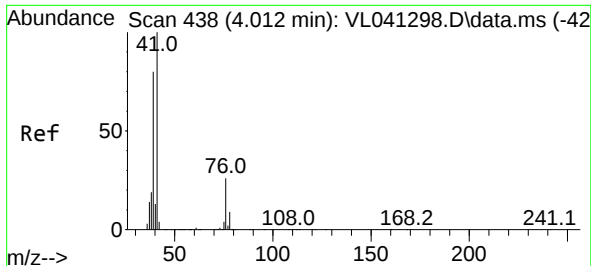


#20
Methylene Chloride
Concen: 9.793 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



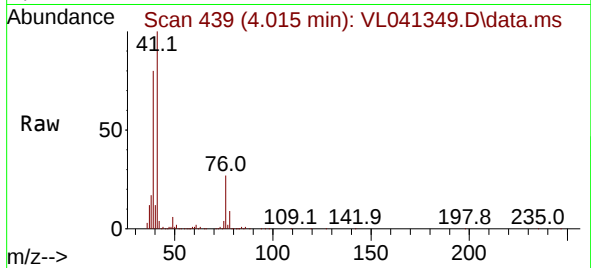
Tgt Ion: 84 Resp: 461593
Ion Ratio Lower Upper
84 100
49 167.3 136.2 204.2
51 51.5 41.9 62.9
86 62.1 52.6 78.8





#21
 Allyl Chloride
 Concen: 10.388 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

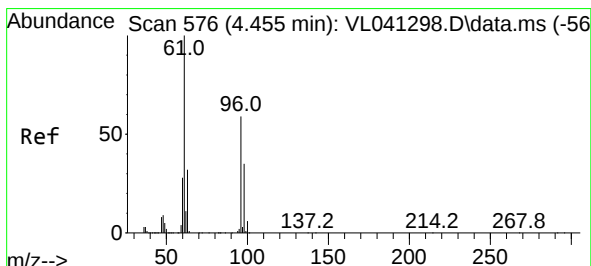
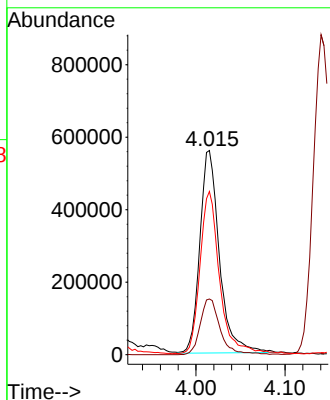
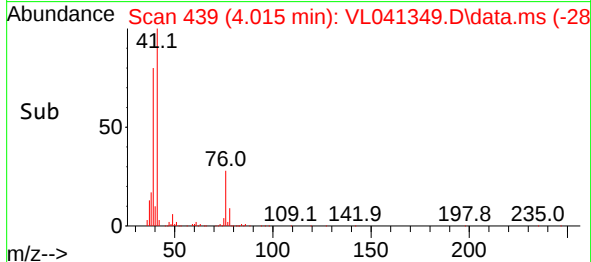
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 85343
 Ion Ratio Lower Upper
 41 100
 76 27.8 22.3 33.5
 39 80.9 66.3 99.5

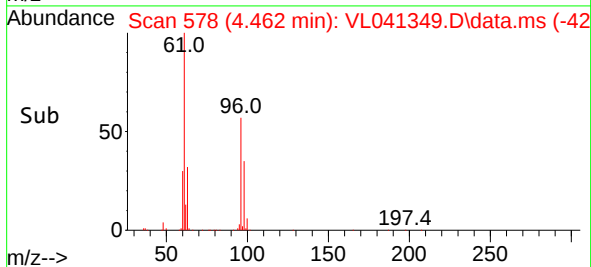
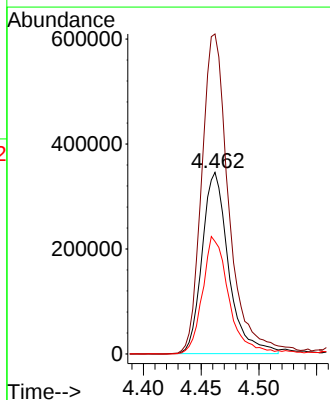
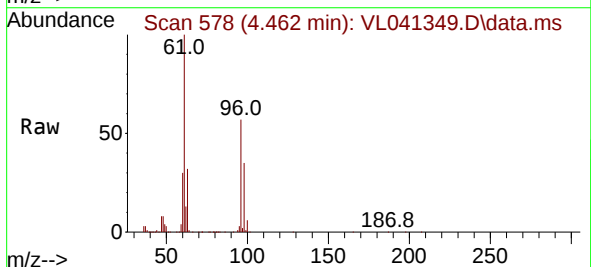
Manual Integrations
 APPROVED

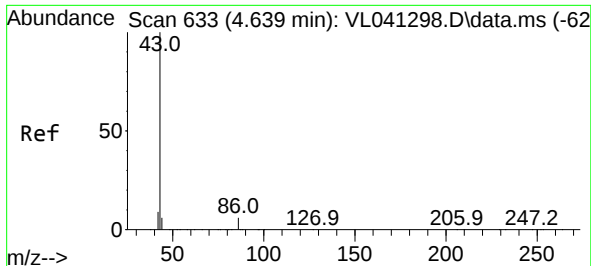
Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.529 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. -0.003 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

Tgt Ion: 96 Resp: 551262
 Ion Ratio Lower Upper
 96 100
 61 176.0 135.5 203.3
 98 61.8 47.6 71.4





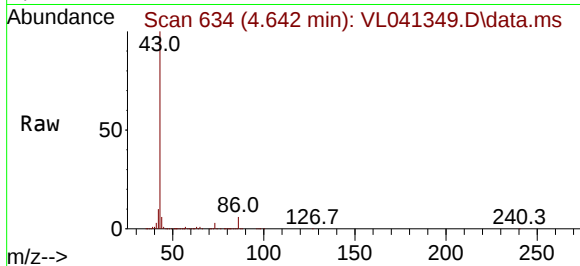
#23
 Vinyl Acetate
 Concen: 10.881 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

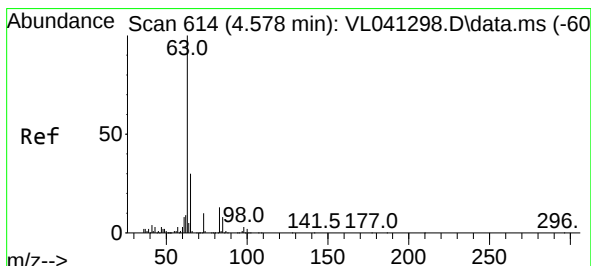
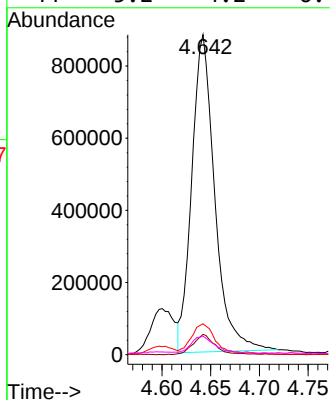
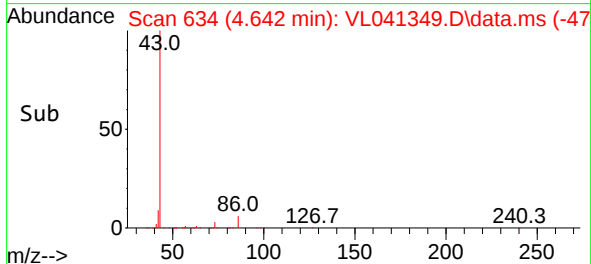


Tgt Ion: 43 Resp: 144316
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.7 7.1
 42 9.6 8.0 12.0
 44 5.2 4.2 6.4

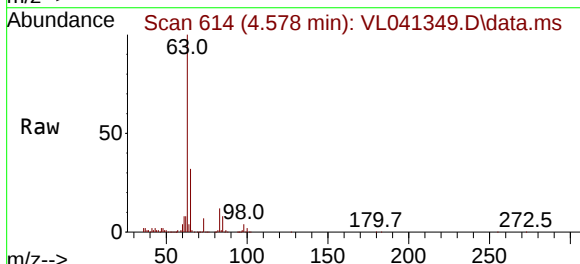
Manual Integrations

APPROVED

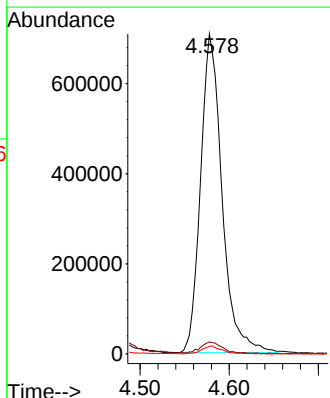
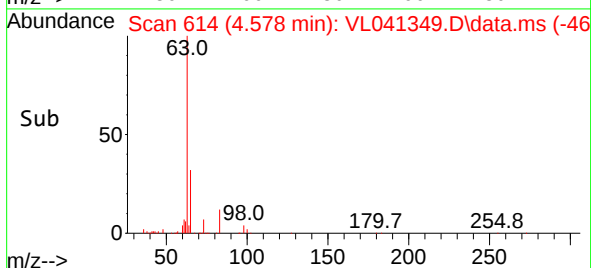
Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

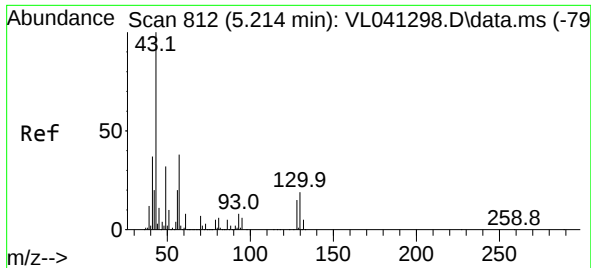


#24
 1,1-Dichloroethane
 Concen: 10.148 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.006 min
 Lab File: VL041349.D
 Acq: 11 Jun 2024 16:14



Tgt Ion: 63 Resp: 1184038
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.9 5.7
 100 2.4 1.1 3.5





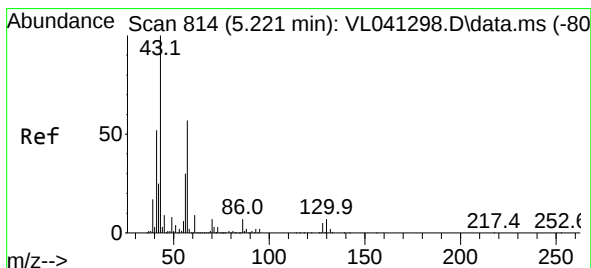
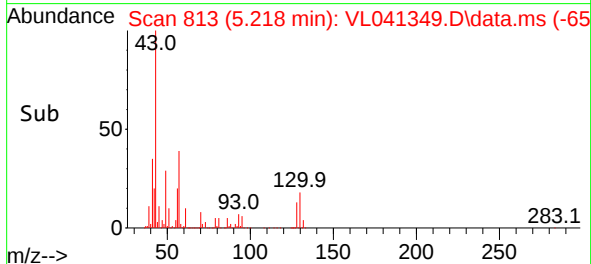
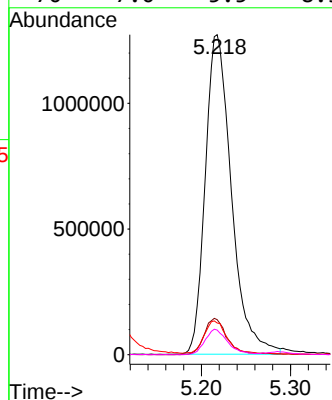
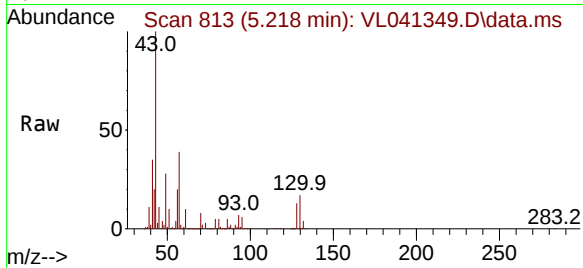
#25
Ethyl Acetate
Concen: 10.100 ppbv
RT: 5.218 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 259114
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 9.8 7.4 11.0
70 7.0 5.5 8.3

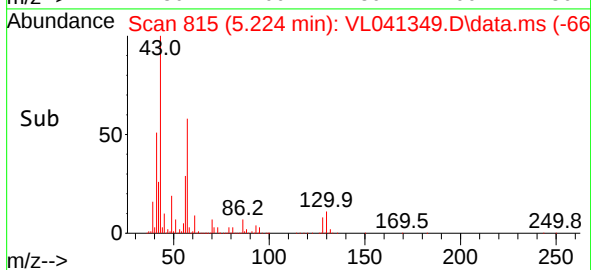
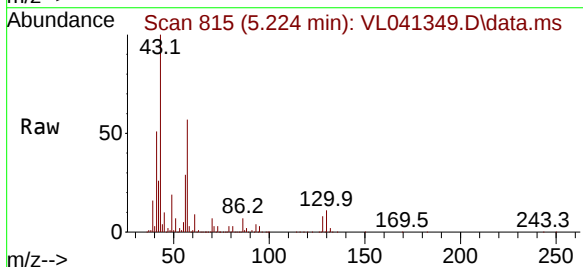
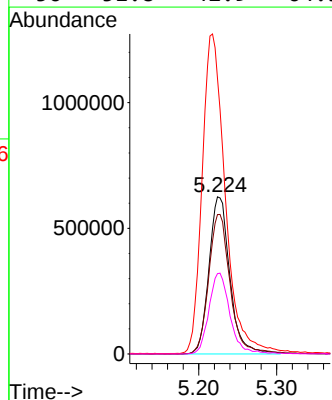
Manual Integrations
APPROVED

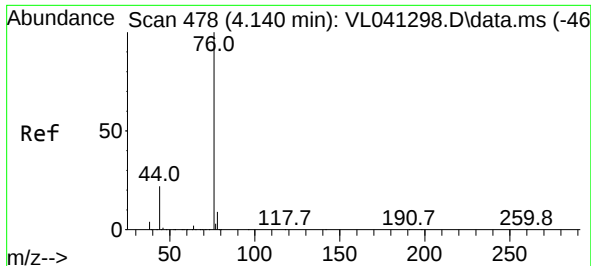
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#26
Hexane
Concen: 10.079 ppbv
RT: 5.224 min Scan# 815
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

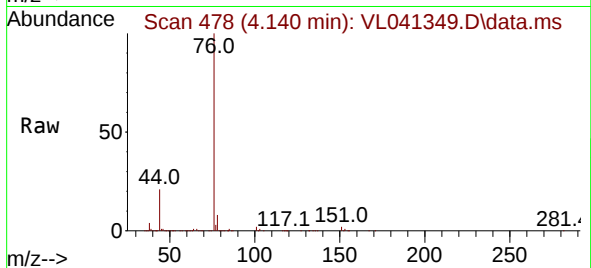
Tgt Ion: 57 Resp: 1162838
Ion Ratio Lower Upper
57 100
41 92.3 77.1 115.7
43 227.2 186.1 279.1
56 51.8 42.9 64.3





#27
Carbon Disulfide
Concen: 11.050 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

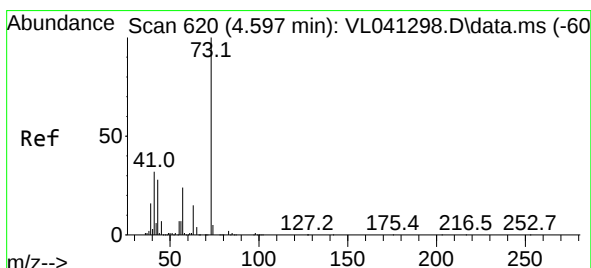
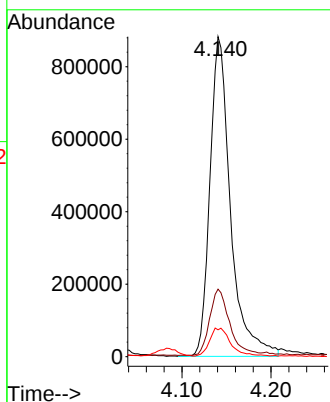
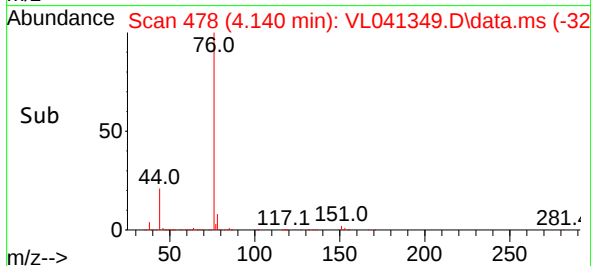
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



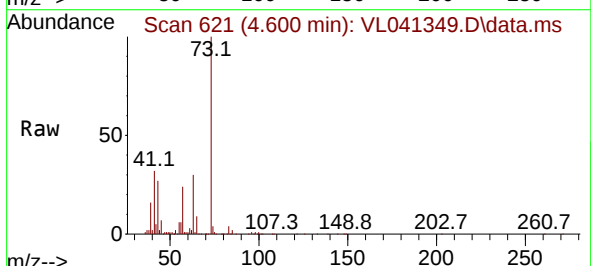
Tgt Ion: 76 Resp: 141216
Ion Ratio Lower Upper
76 100
44 21.3 17.7 26.5
78 10.0 7.8 11.6

Manual Integrations
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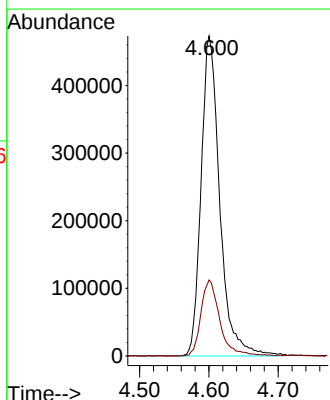
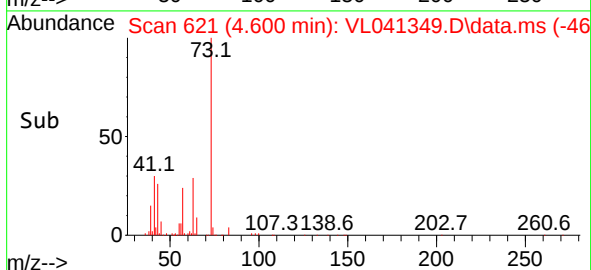
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

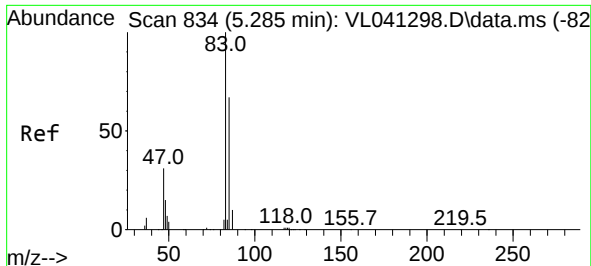


#28
Methyl tert-Butyl Ether
Concen: 10.346 ppbv
RT: 4.600 min Scan# 621
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion: 73 Resp: 884689
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8





#29

Chloroform

Concen: 9.601 ppbv

RT: 5.288 min Scan# 83

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 169956

Ion Ratio Lower Upper

83 100

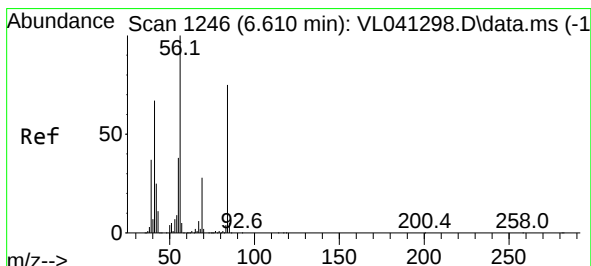
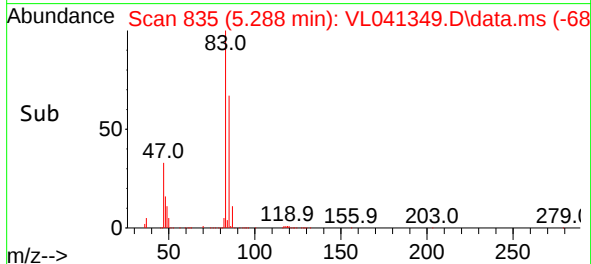
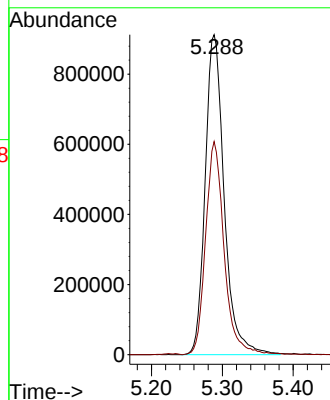
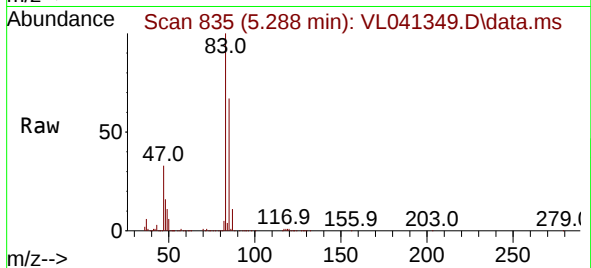
85 66.5 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#30

Cyclohexane

Concen: 10.171 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

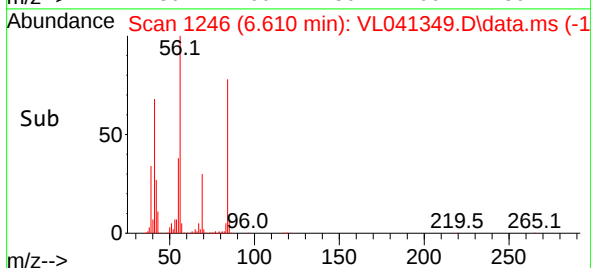
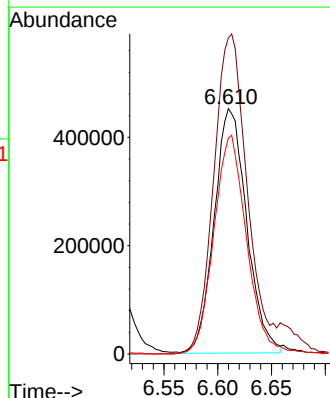
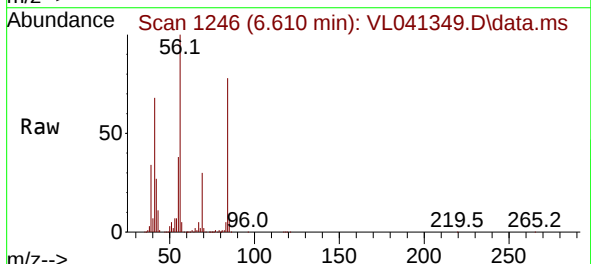
Tgt Ion: 84 Resp: 951209

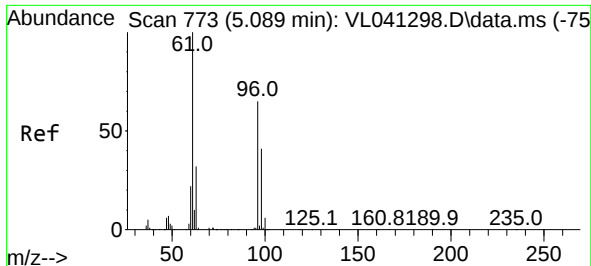
Ion Ratio Lower Upper

84 100

56 142.5 114.9 172.3

41 90.4 74.4 111.6





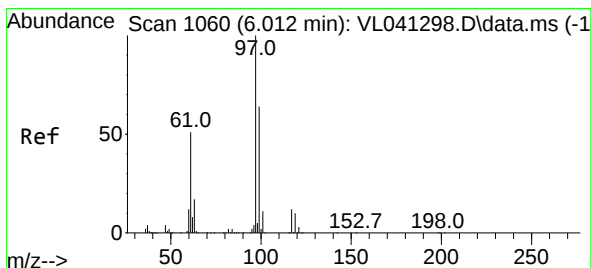
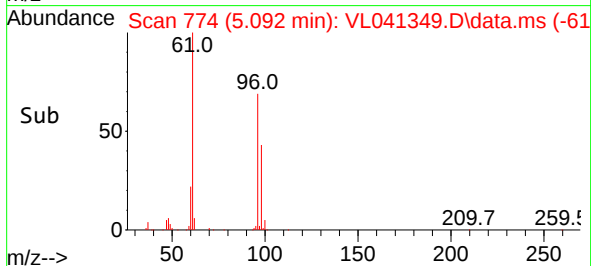
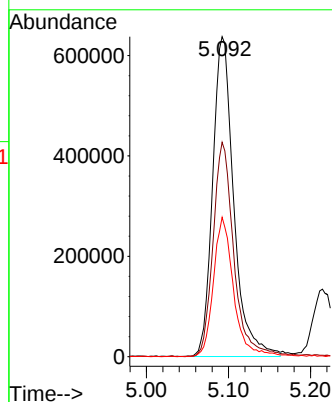
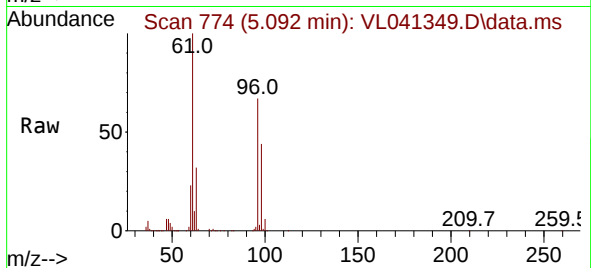
#31
cis-1,2-Dichloroethene
Concen: 10.476 ppbv
RT: 5.092 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 114212
Ion Ratio Lower Upper
61 100
96 66.9 52.1 78.1
98 43.5 33.1 49.7

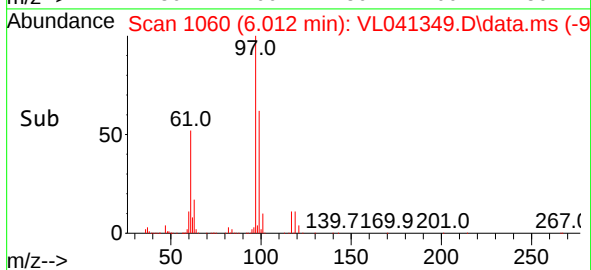
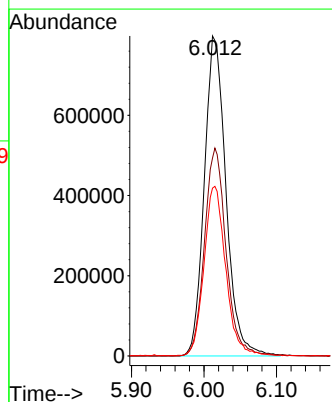
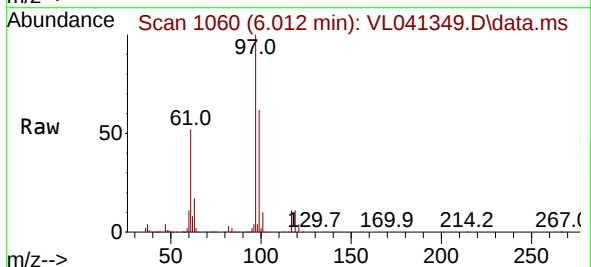
Manual Integrations
APPROVED

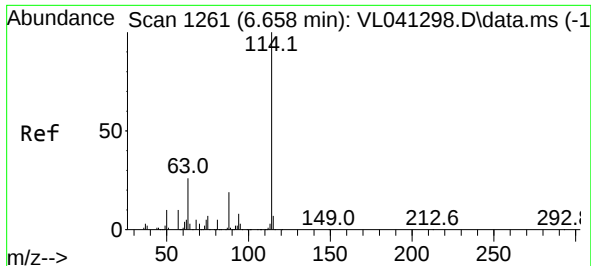
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#32
1,1,1-Trichloroethane
Concen: 9.881 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 97 Resp: 1656811
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 53.3 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2970030

Ion Ratio Lower Upper

114 100

63 25.4 20.6 30.8

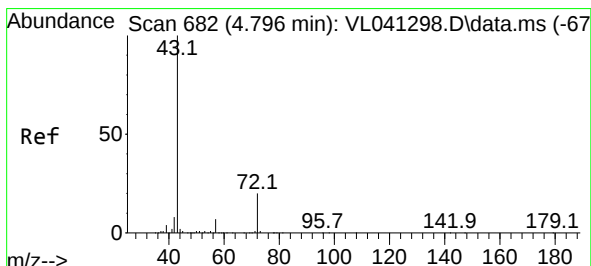
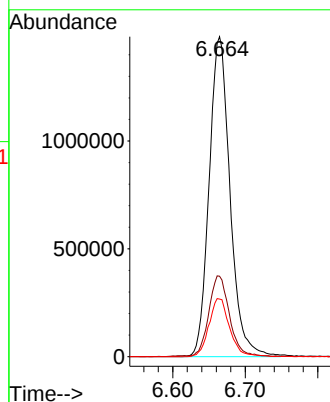
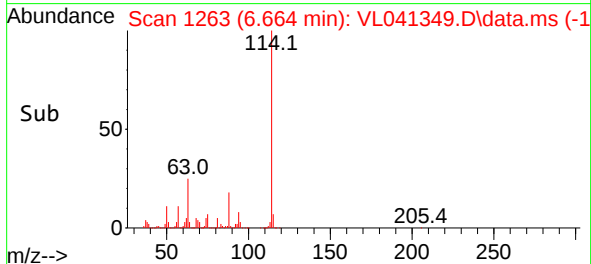
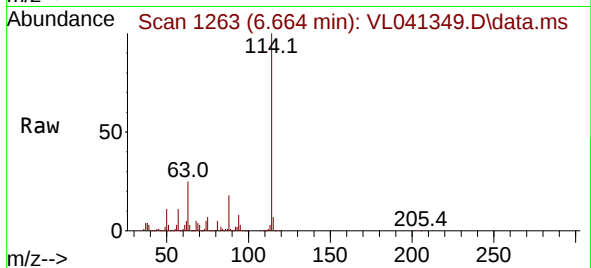
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#34

2-Butanone

Concen: 11.108 ppbv

RT: 4.800 min Scan# 683

Delta R.T. -0.003 min

Lab File: VL041349.D

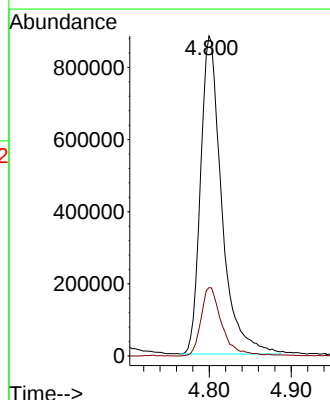
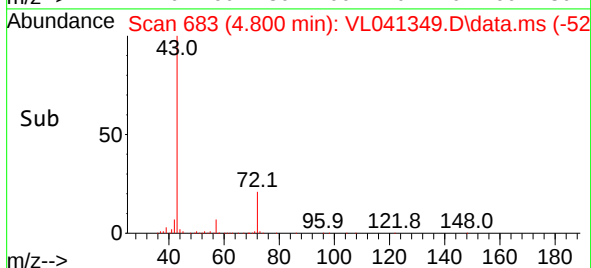
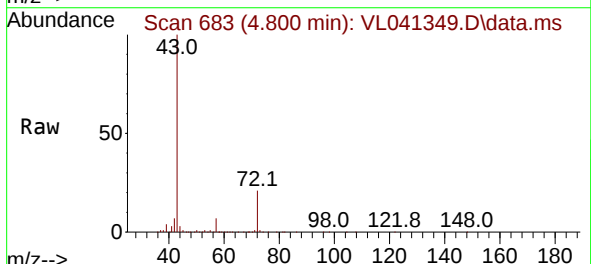
Acq: 11 Jun 2024 16:14

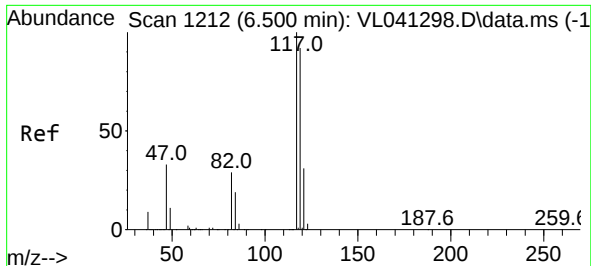
Tgt Ion: 43 Resp: 1580474

Ion Ratio Lower Upper

43 100

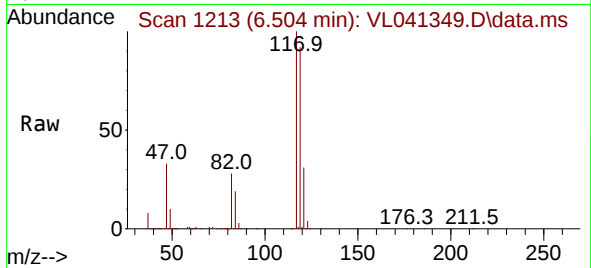
72 21.8 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.070 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

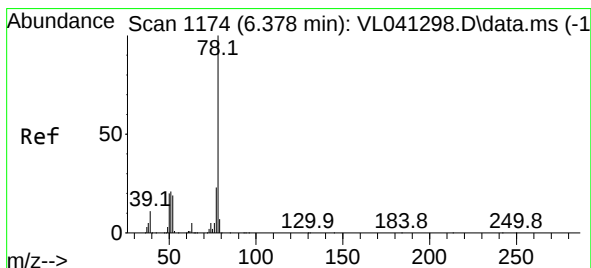
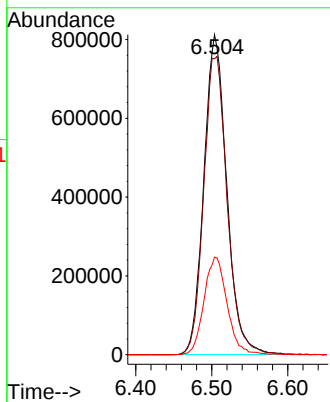
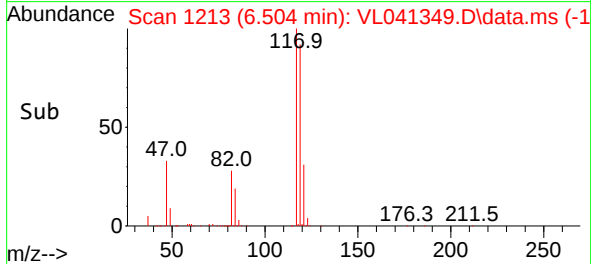
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 169978
Ion Ratio Lower Upper
117 100
119 92.4 74.0 111.0
121 30.5 24.8 37.2

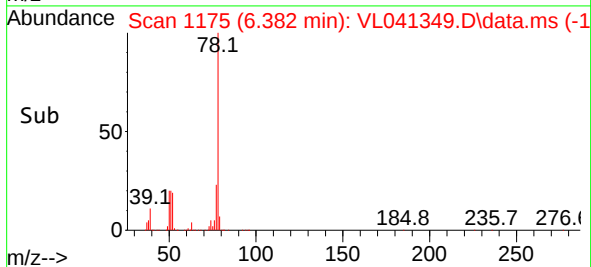
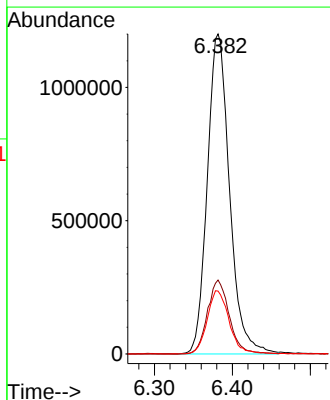
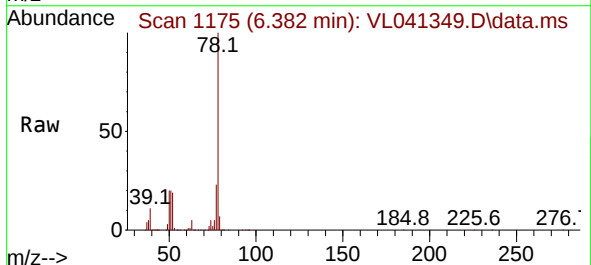
Manual Integrations
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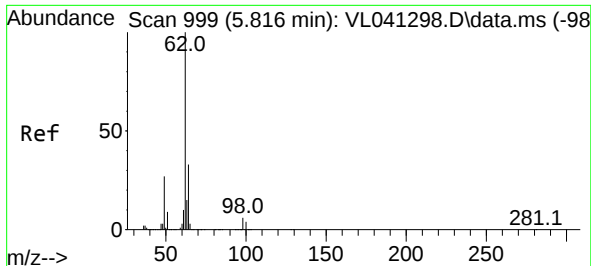
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#36
Benzene
Concen: 10.365 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 78 Resp: 2386029
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0
50 19.6 16.0 24.0





#37

1,2-Dichloroethane

Concen: 9.881 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 1326150

Ion Ratio Lower Upper

62 100

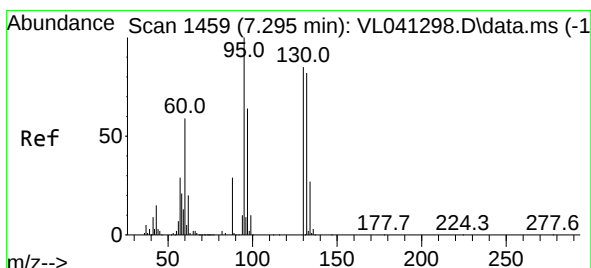
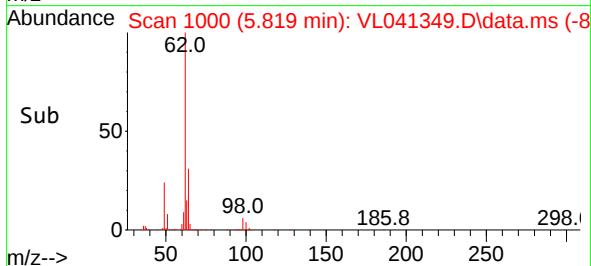
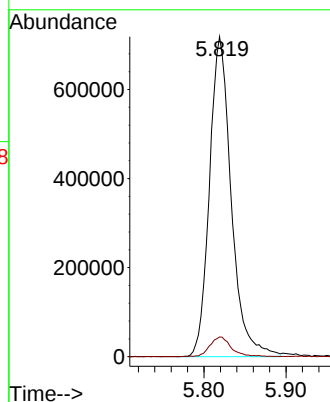
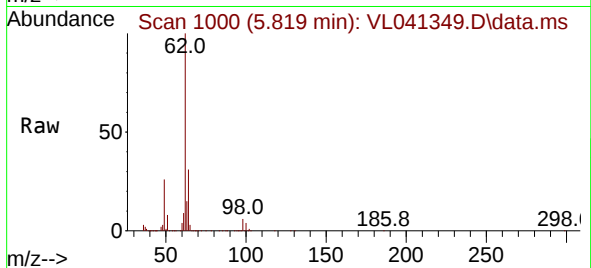
98 6.2 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#38

Trichloroethene

Concen: 9.634 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Tgt Ion:130 Resp: 898776

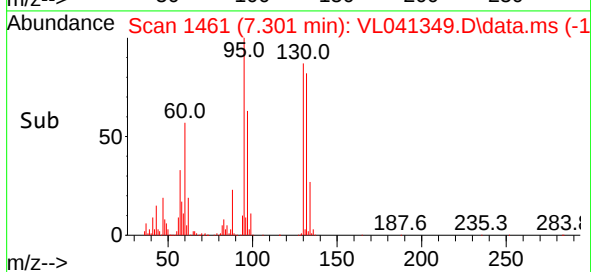
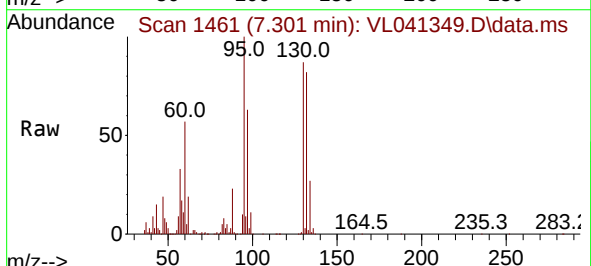
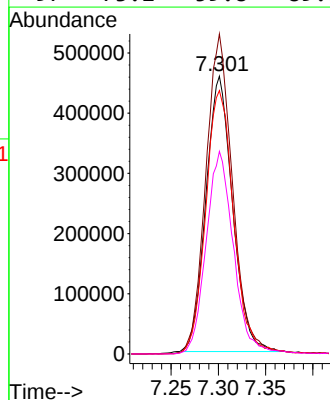
Ion Ratio Lower Upper

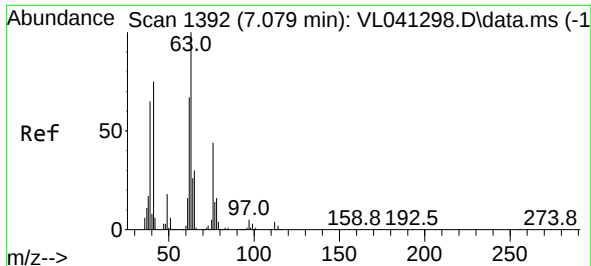
130 100

95 115.6 94.0 141.0

132 95.2 76.7 115.1

97 73.2 59.8 89.8





#39

1,2-Dichloropropane

Concen: 10.177 ppbv

RT: 7.082 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

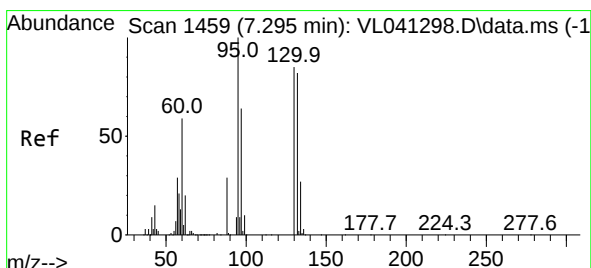
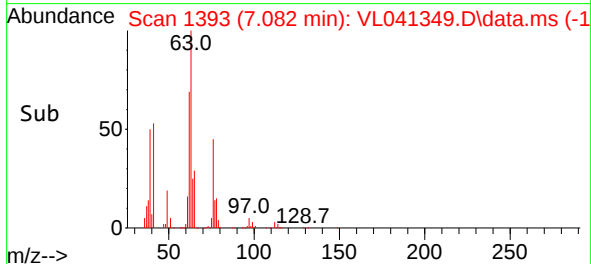
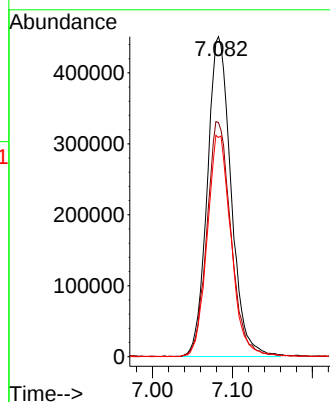
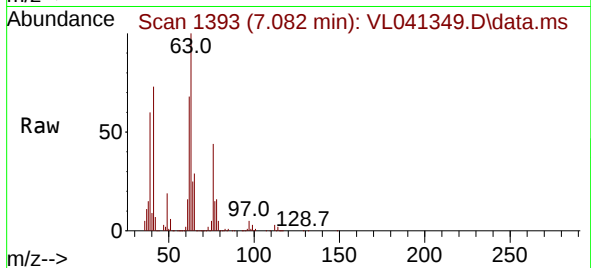
Tgt Ion: 63 Resp: 93292

Ion	Ratio	Lower	Upper
63	100		
41	73.1	59.9	89.9
62	68.4	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#40

1,4-Dioxane

Concen: 9.803 ppbv m

RT: 7.295 min Scan# 1459

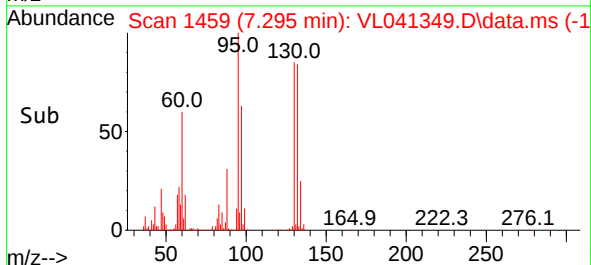
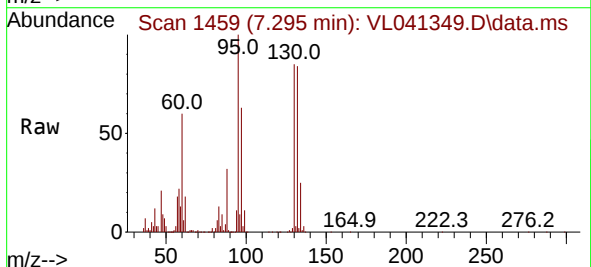
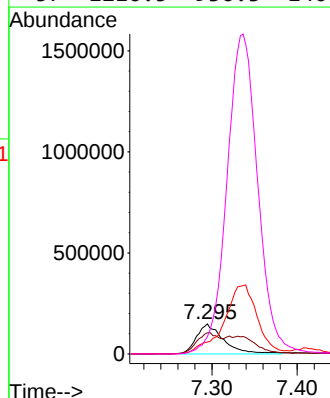
Delta R.T. -0.006 min

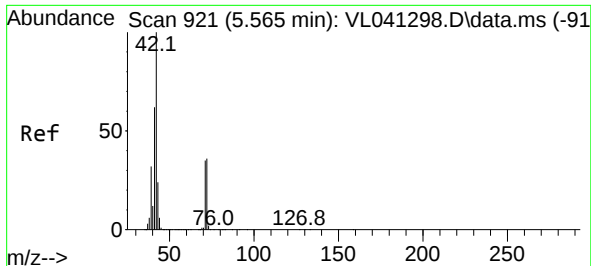
Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Tgt Ion: 88 Resp: 329095

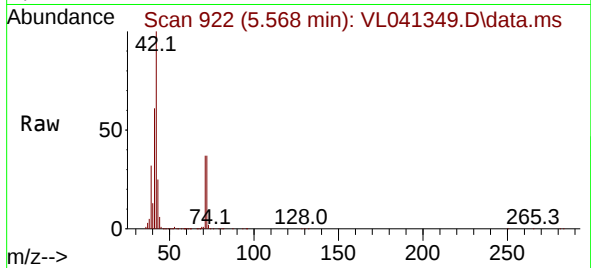
Ion	Ratio	Lower	Upper
88	100		
58	125.6	107.5	161.3
43	281.4	221.8	332.6
57	1216.5	936.3	1404.5





#41
Tetrahydrofuran
Concen: 11.065 ppbv
RT: 5.568 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

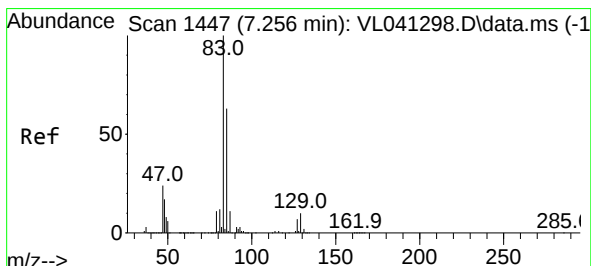
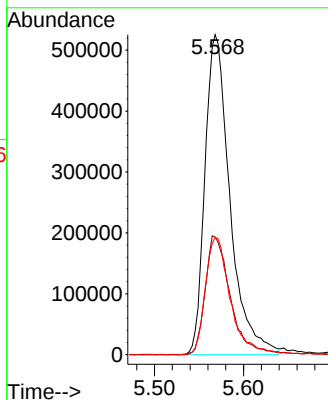
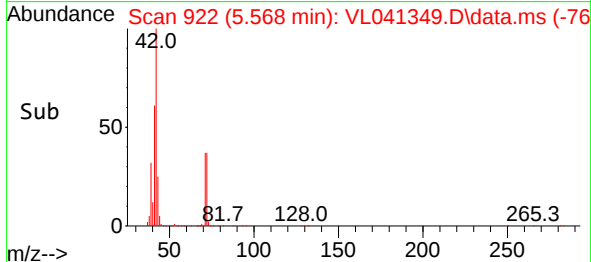
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



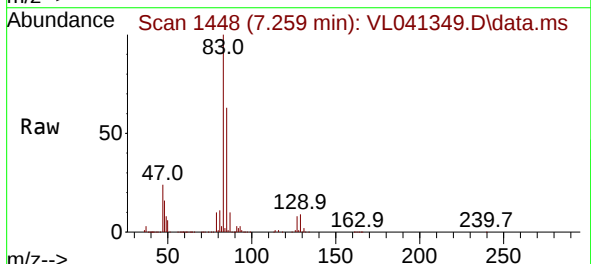
Tgt Ion: 42 Resp: 1024400
Ion Ratio Lower Upper
42 100
72 37.8 30.2 45.4
71 37.1 30.3 45.5

Manual Integrations
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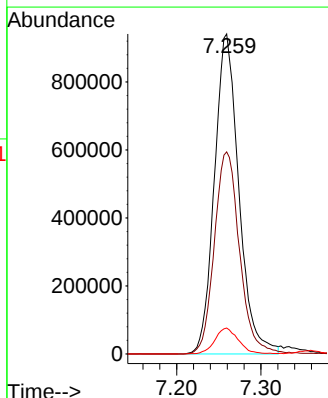
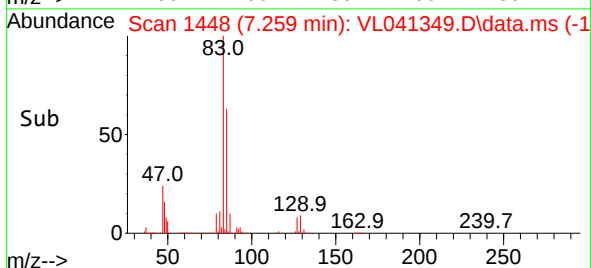
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

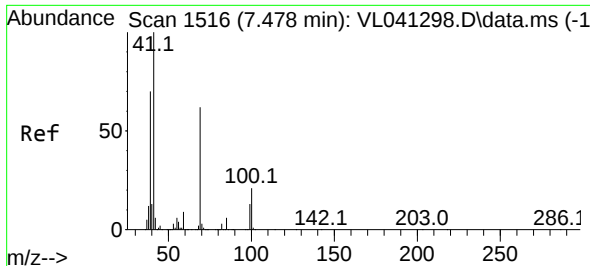


#42
Bromodichloromethane
Concen: 9.834 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion: 83 Resp: 1895617
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.1 5.6 8.4





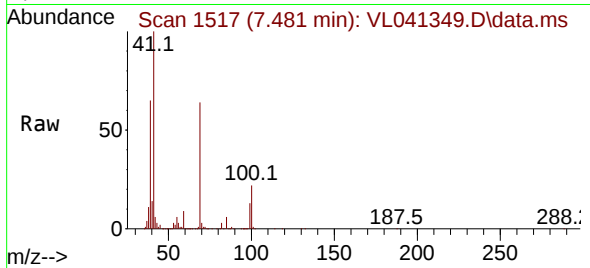
#43
Methyl Methacrylate
Concen: 10.917 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

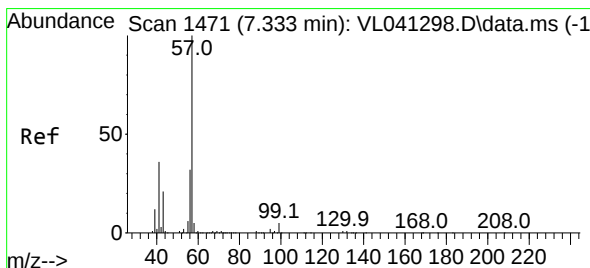
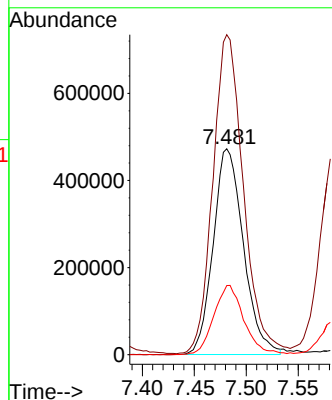
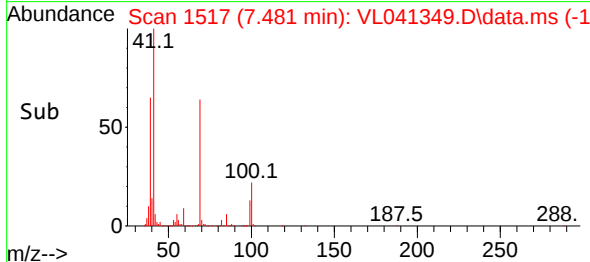


Tgt Ion: 69 Resp: 957580
Ion Ratio Lower Upper
69 100
41 156.6 125.8 188.6
100 33.6 27.0 40.6

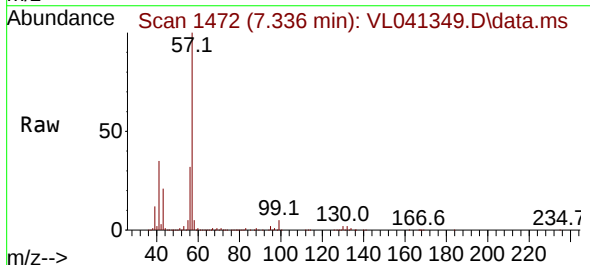
Manual Integrations

APPROVED

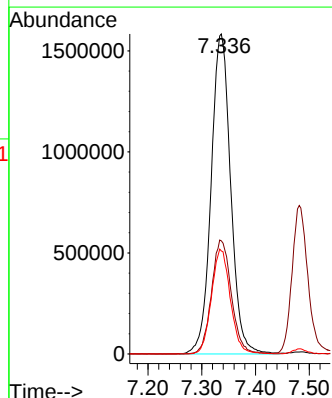
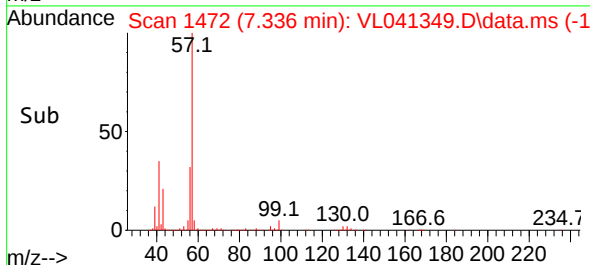
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

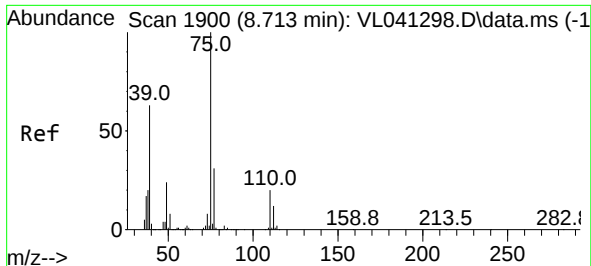


#44
2,2,4-Trimethylpentane
Concen: 10.097 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion: 57 Resp: 3997533
Ion Ratio Lower Upper
57 100
41 36.0 29.4 44.2
56 31.7 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 9.963 ppbv

RT: 8.716 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 589674

Ion Ratio Lower Upper

75 100

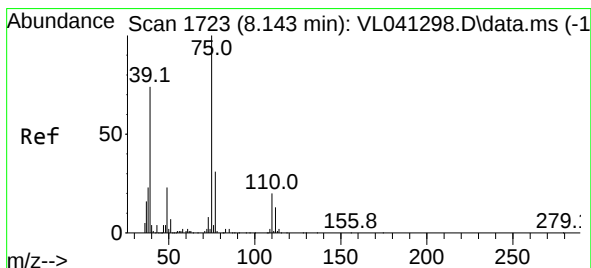
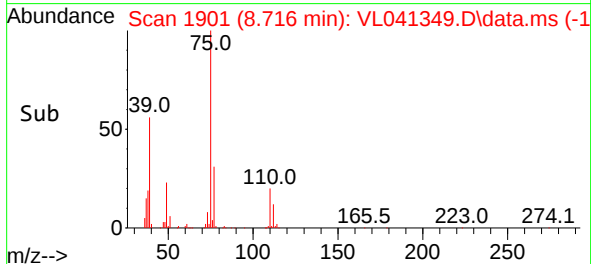
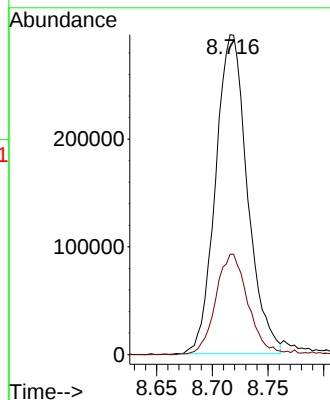
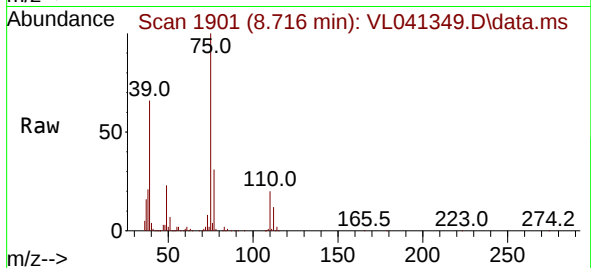
77 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#46

cis-1,3-Dichloropropene

Concen: 10.287 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

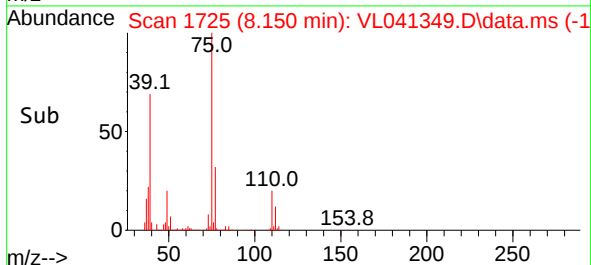
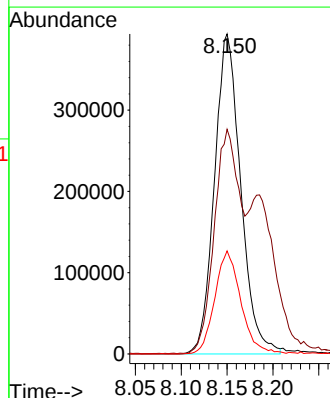
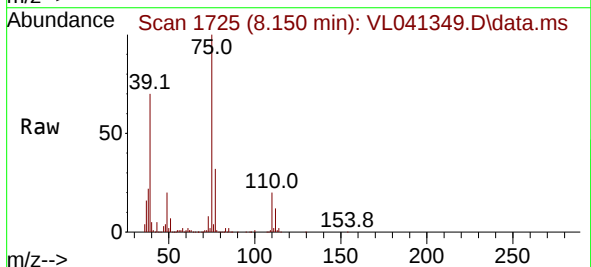
Tgt Ion: 75 Resp: 783724

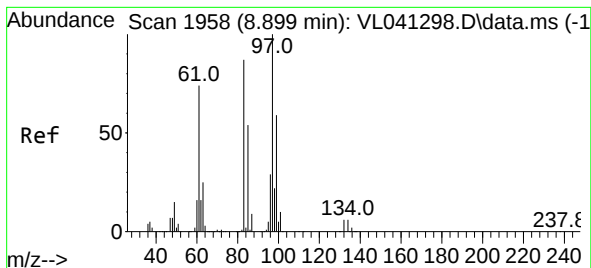
Ion Ratio Lower Upper

75 100

39 69.9 59.2 88.8

77 32.2 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 10.164 ppbv

RT: 8.906 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 973664

Ion Ratio Lower Upper

97 100

83 90.2 69.7 104.5

85 57.6 43.1 64.7

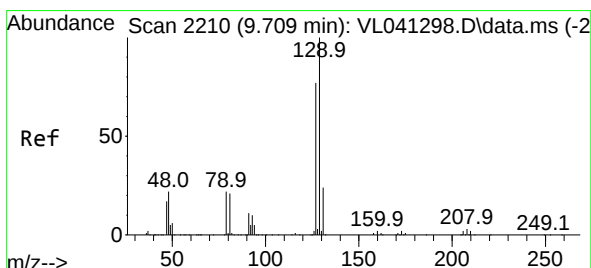
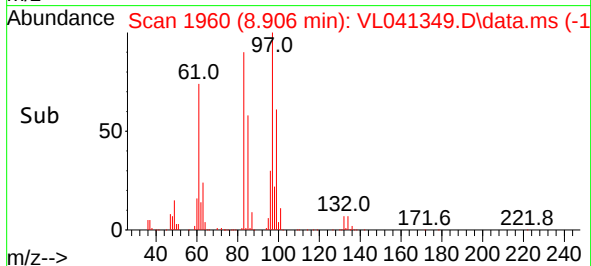
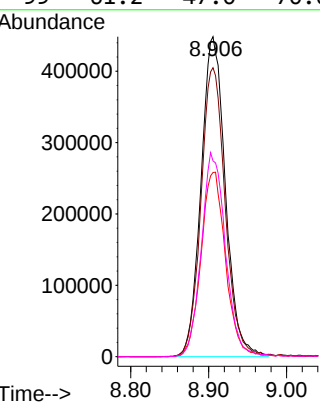
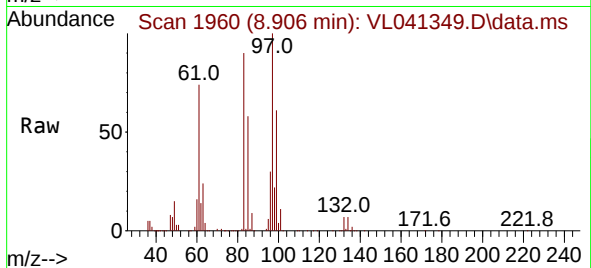
99 61.2 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#48

Dibromochloromethane

Concen: 10.330 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VL041349.D

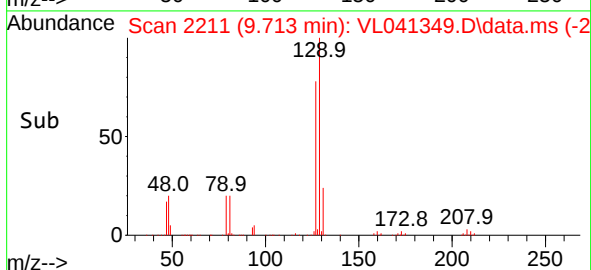
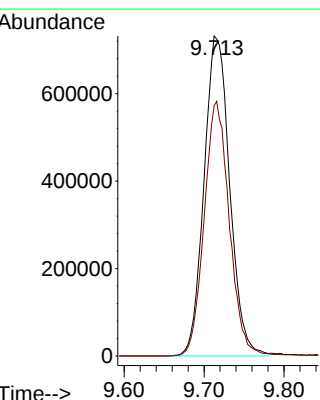
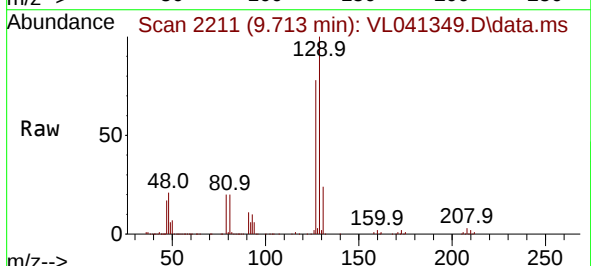
Acq: 11 Jun 2024 16:14

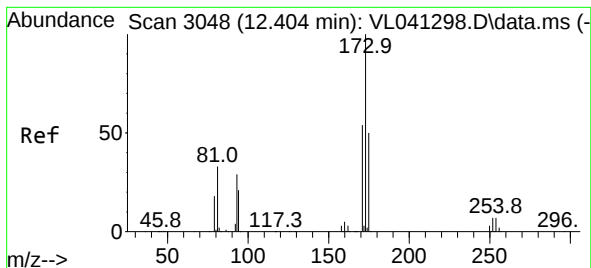
Tgt Ion:129 Resp: 1630804

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.5





#49

Bromoform

Concen: 11.164 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041349.D

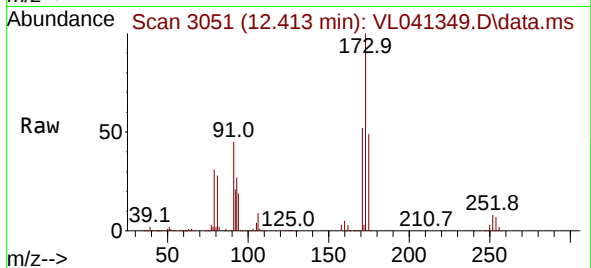
Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 173 Resp: 1420319

Ion Ratio Lower Upper

173 100

175 49.9 39.9 59.9

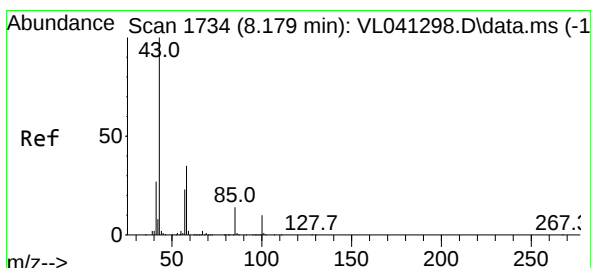
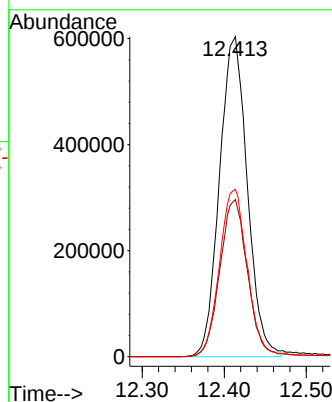
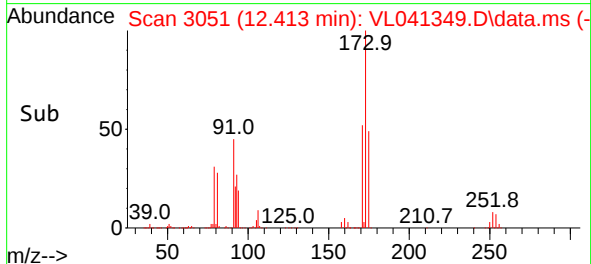
171 53.2 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#50

4-Methyl-2-Pentanone

Concen: 10.559 ppbv

RT: 8.189 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VL041349.D

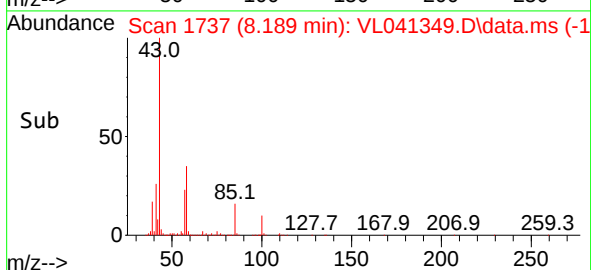
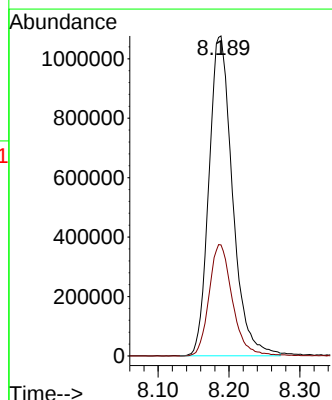
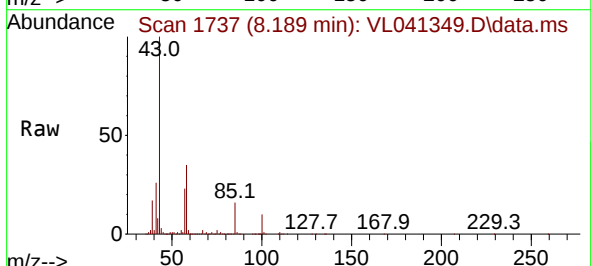
Acq: 11 Jun 2024 16:14

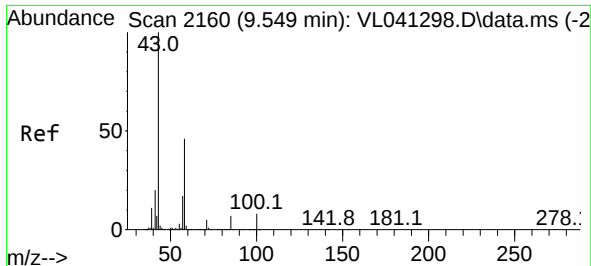
Tgt Ion: 43 Resp: 2486936

Ion Ratio Lower Upper

43 100

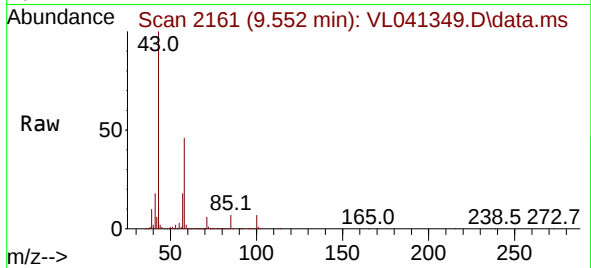
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 10.767 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

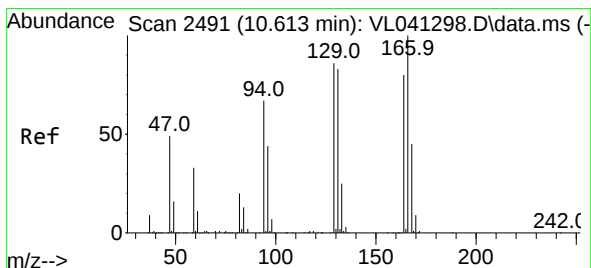
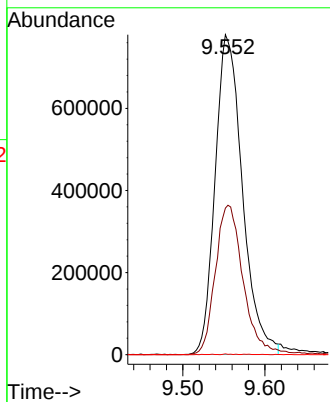
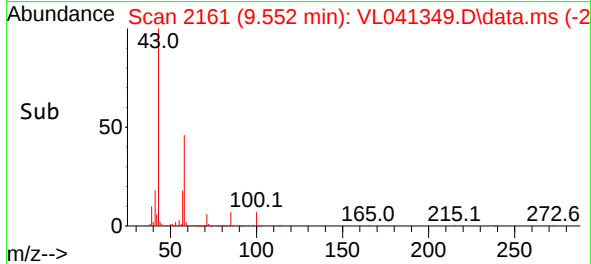
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1802430
Ion Ratio Lower Upper
43 100
58 48.0 37.4 56.0
98 0.1 0.2 0.4

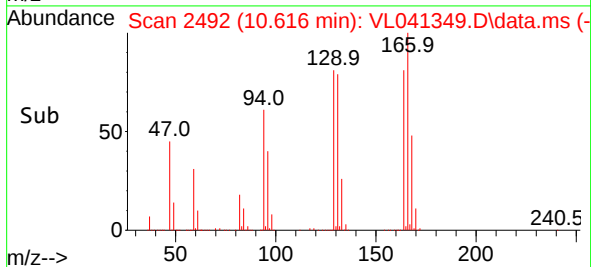
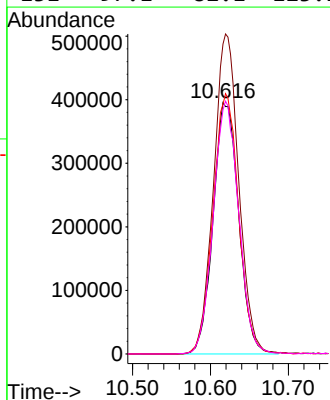
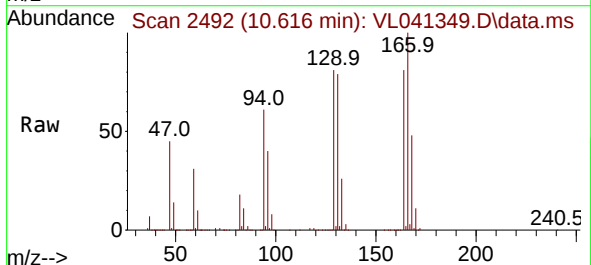
Manual Integrations
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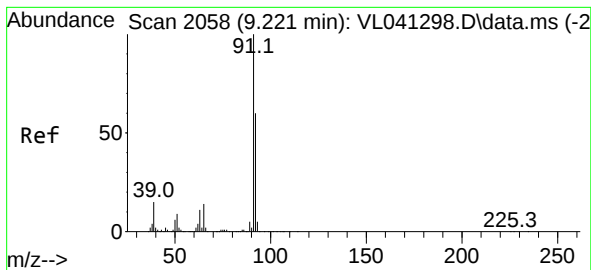
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#52
Tetrachloroethene
Concen: 10.708 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.009 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion:164 Resp: 898917
Ion Ratio Lower Upper
164 100
166 123.3 99.4 149.0
129 99.4 85.4 128.2
131 97.1 82.1 123.1





#53

Toluene

Concen: 10.561 ppbv

RT: 9.227 min Scan# 2058

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2796549

Ion Ratio Lower Upper

91 100

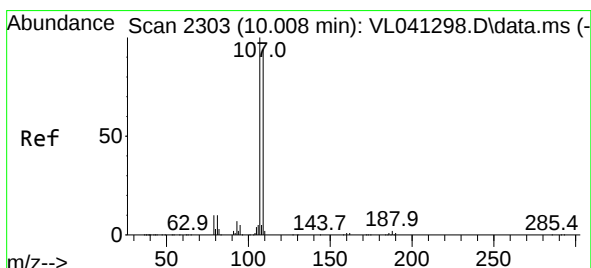
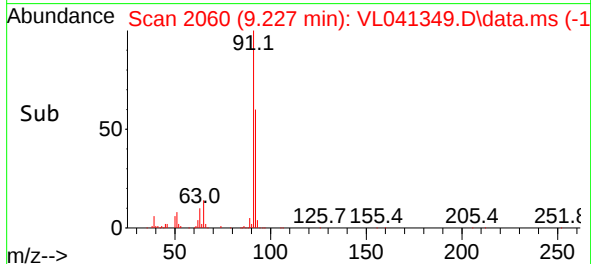
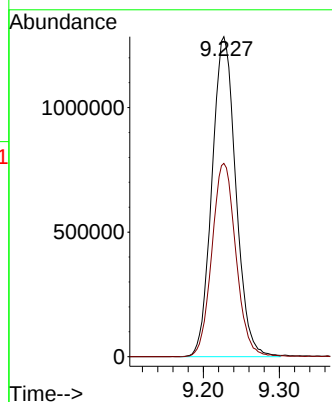
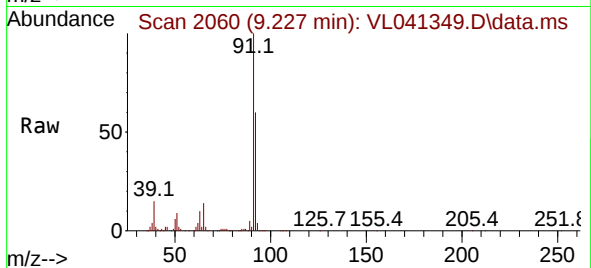
92 61.0 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#54

1,2-Dibromoethane

Concen: 10.345 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. -0.003 min

Lab File: VL041349.D

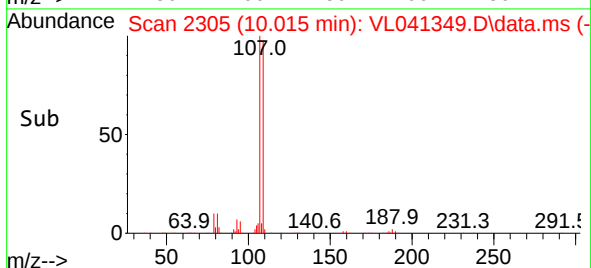
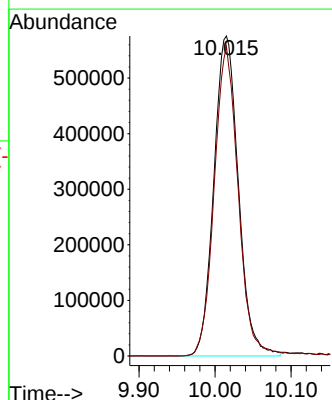
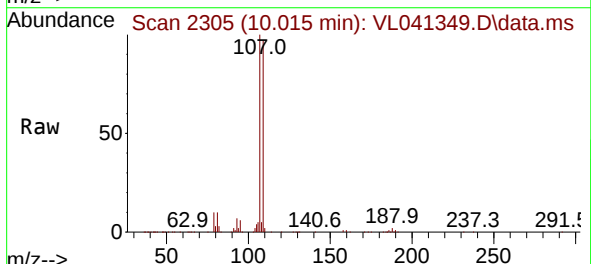
Acq: 11 Jun 2024 16:14

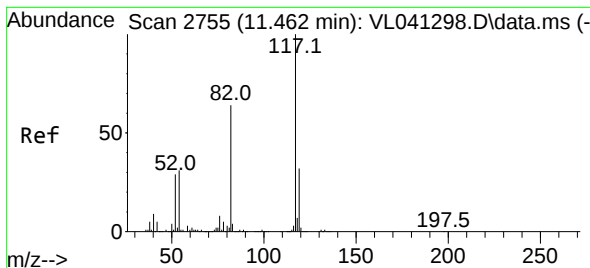
Tgt Ion:107 Resp: 1291874

Ion Ratio Lower Upper

107 100

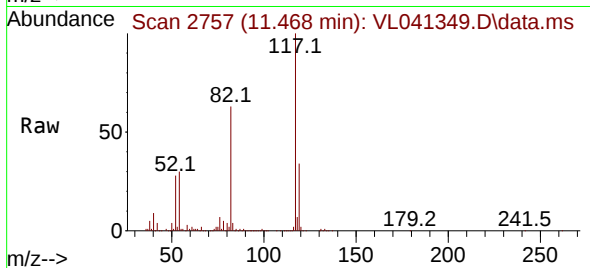
109 96.8 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 2755
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

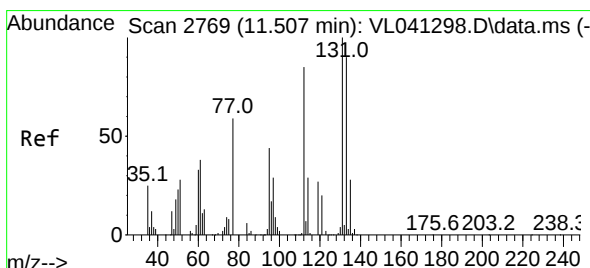
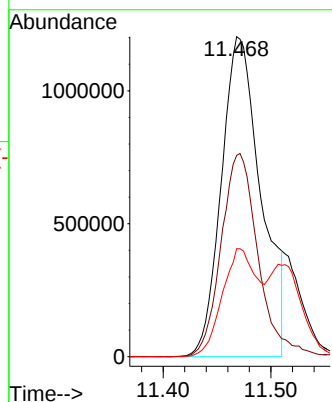
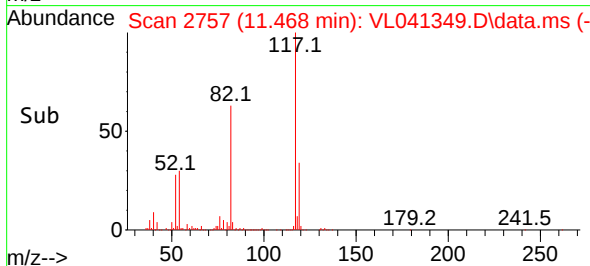
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



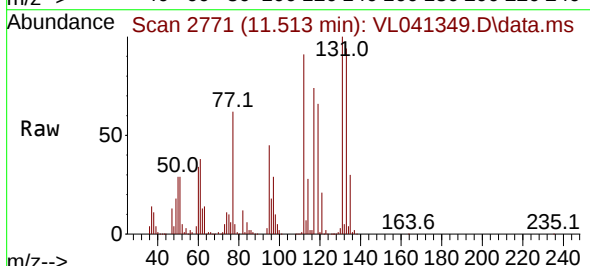
Tgt Ion:117 Resp: 307715
Ion Ratio Lower Upper
117 100
82 59.6 52.3 78.5
119 28.7 26.2 39.2

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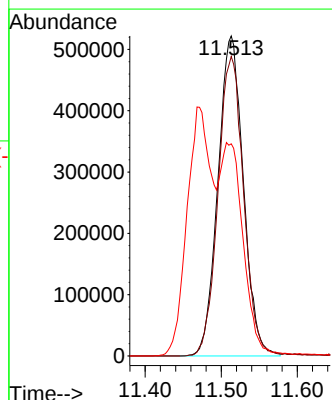
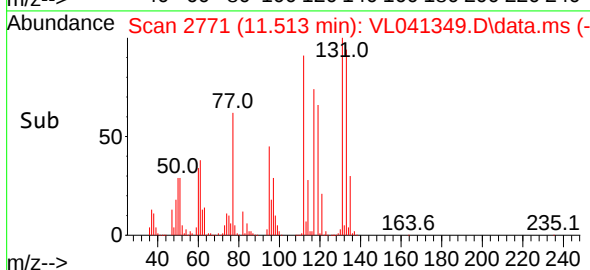
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

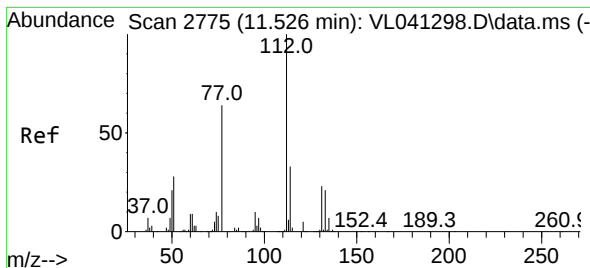


#56
1,1,1,2-Tetrachloroethane
Concen: 9.288 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



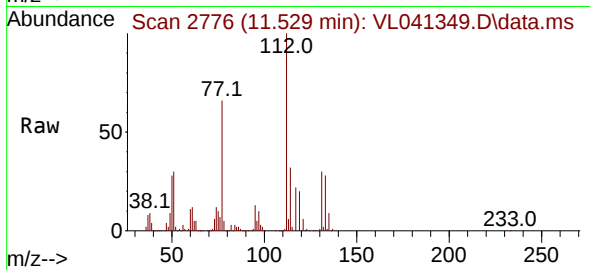
Tgt Ion:131 Resp: 1208777
Ion Ratio Lower Upper
131 100
133 95.3 75.8 113.6
119 61.8 48.3 72.5





#57
Chlorobenzene
Concen: 9.186 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

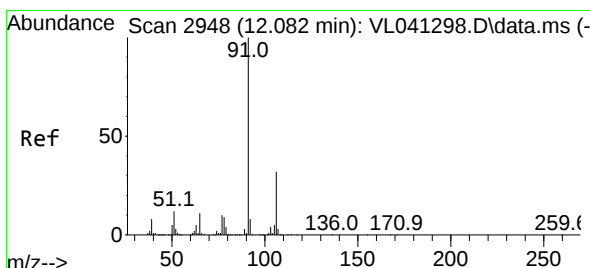
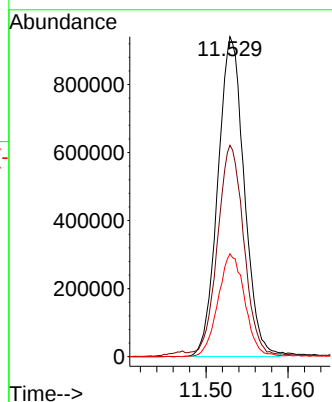
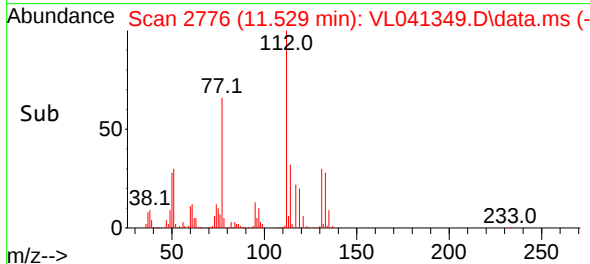
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



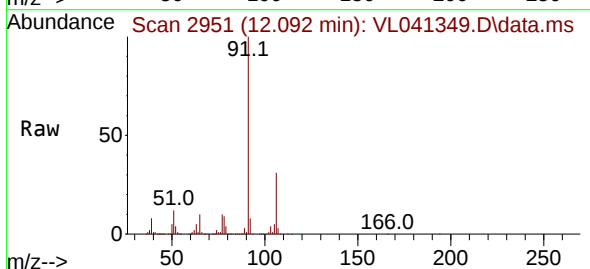
Tgt Ion:112 Resp: 209966
Ion Ratio Lower Upper
112 100
77 65.1 52.0 78.0
114 32.1 29.8 36.4

Manual Integrations
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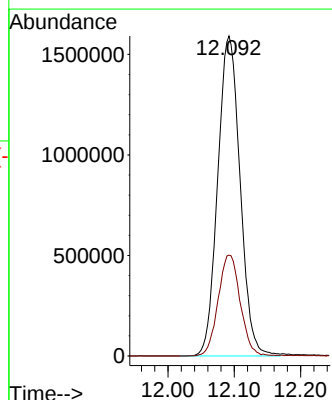
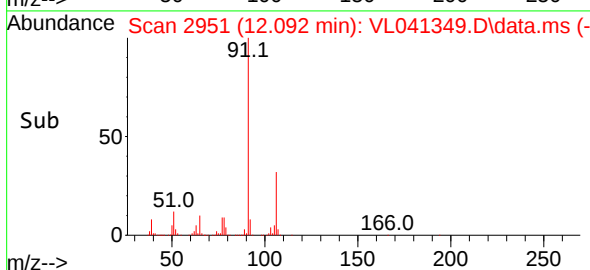
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

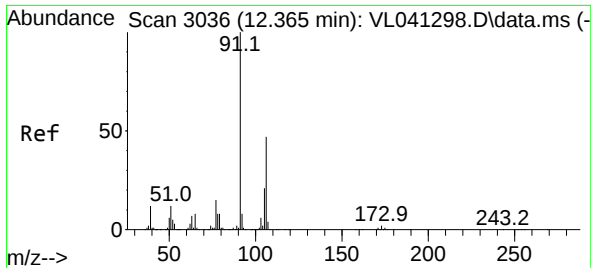


#58
Ethyl Benzene
Concen: 9.458 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion: 91 Resp: 3730456
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3





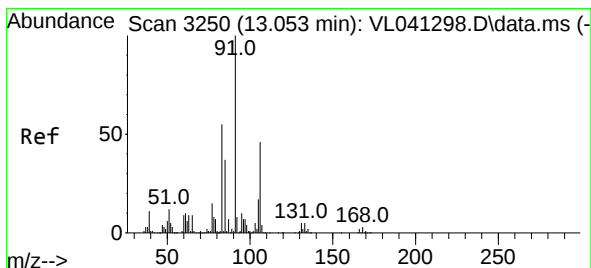
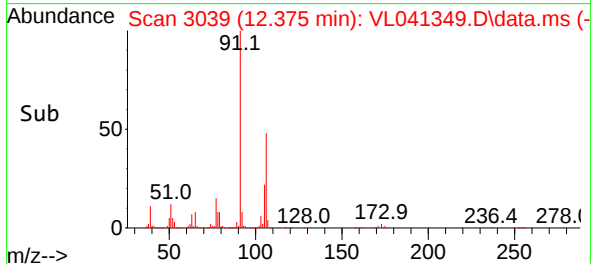
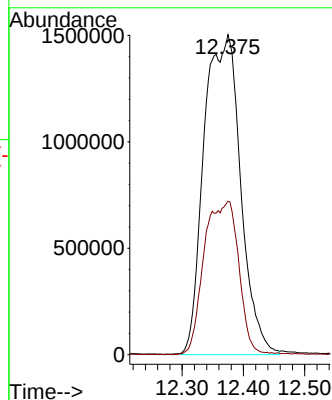
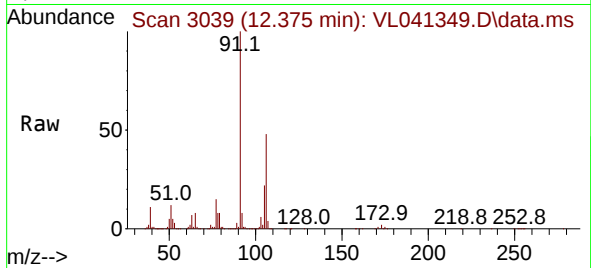
#59
m/p-Xylene
Concen: 18.430 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 622831
Ion Ratio Lower Upper
91 100
106 45.5 35.7 53.5

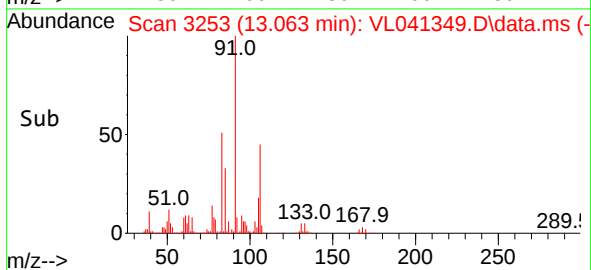
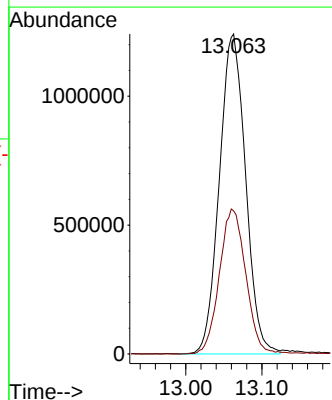
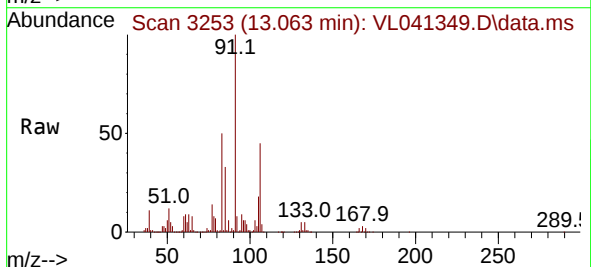
Manual Integrations
APPROVED

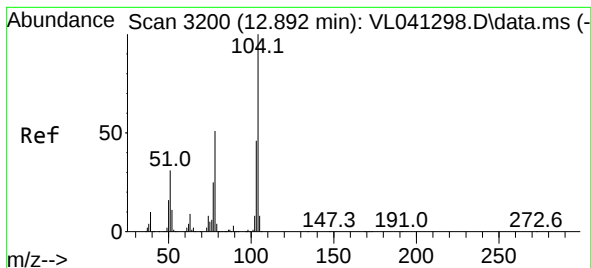
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#60
o-Xylene
Concen: 9.214 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 91 Resp: 2968557
Ion Ratio Lower Upper
91 100
106 46.2 22.8 68.4





#61

Styrene

Concen: 10.156 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1604204

Ion Ratio Lower Upper

104 100

78 51.2 42.2 63.4

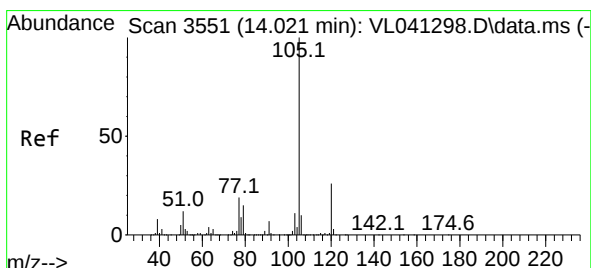
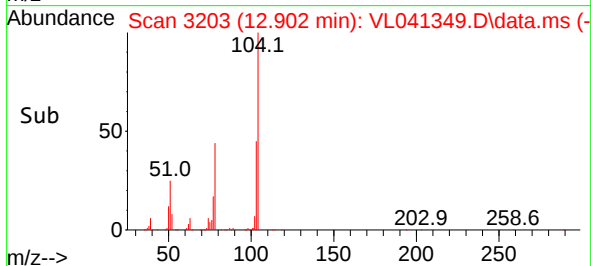
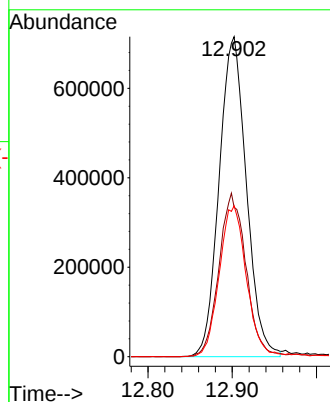
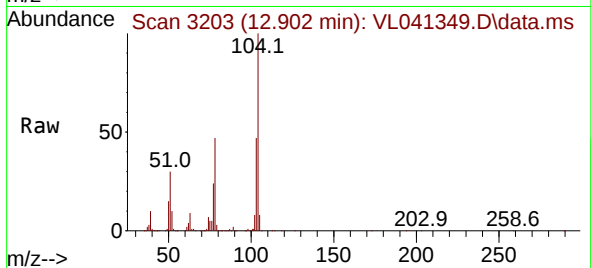
103 47.8 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#62

Isopropylbenzene

Concen: 9.162 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. -0.006 min

Lab File: VL041349.D

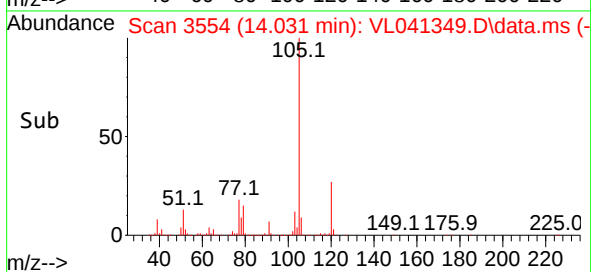
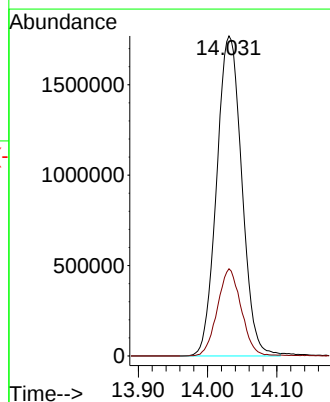
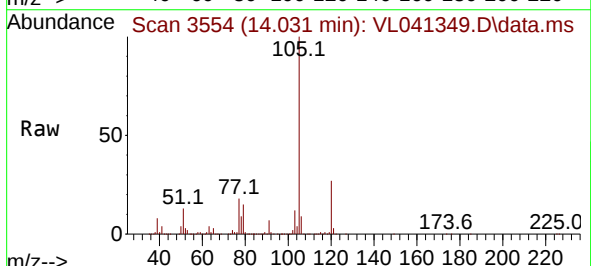
Acq: 11 Jun 2024 16:14

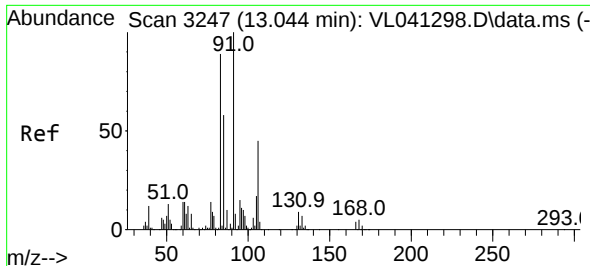
Tgt Ion:105 Resp: 4464155

Ion Ratio Lower Upper

105 100

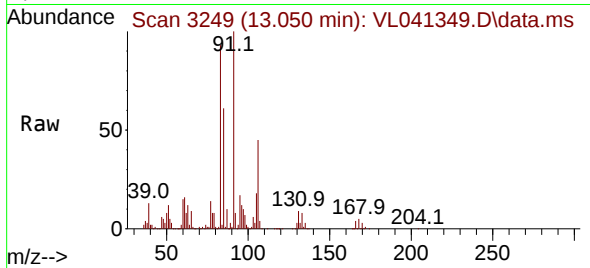
120 26.0 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.249 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

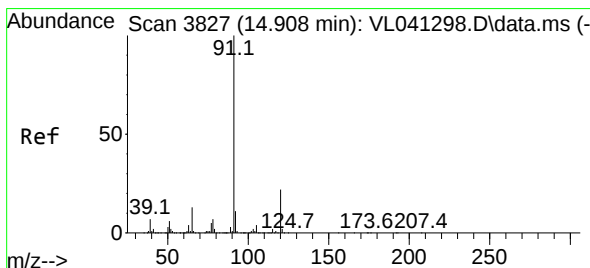
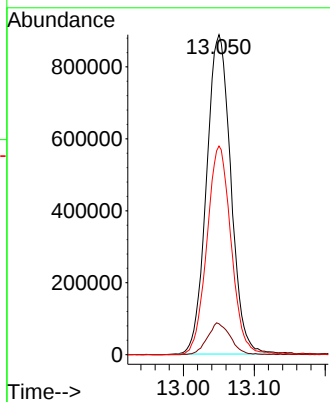
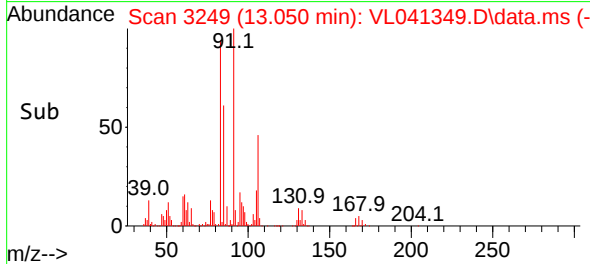
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 212000
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.3 32.6 97.7

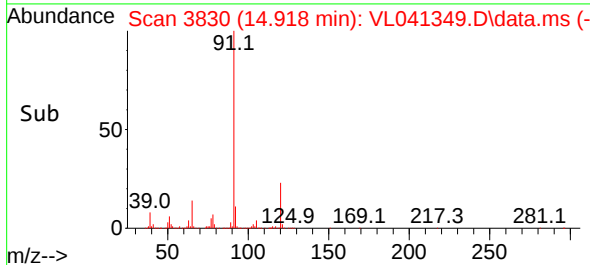
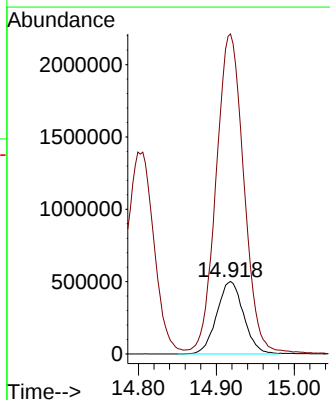
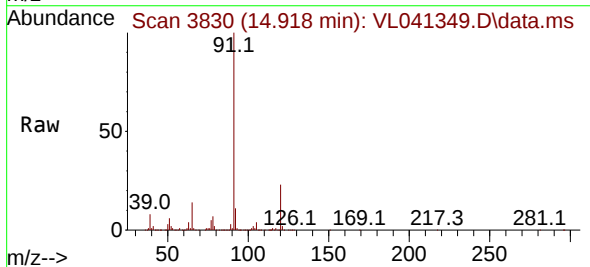
Manual Integrations
APPROVED

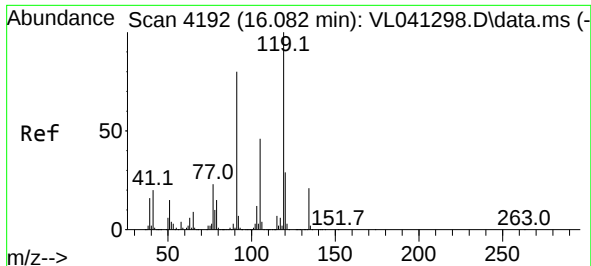
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#64
n-propylbenzene
Concen: 9.542 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

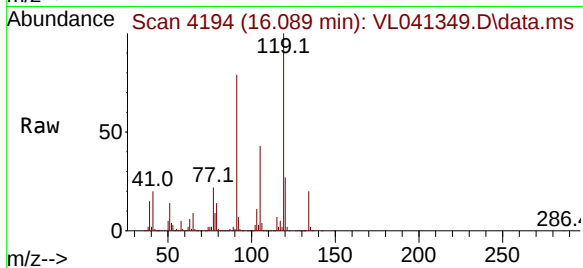
Tgt Ion:120 Resp: 1198270
Ion Ratio Lower Upper
120 100
91 459.5 374.2 561.2





#65
tert-Butylbenzene
Concen: 9.173 ppbv
RT: 16.089 min Scan# 4192
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

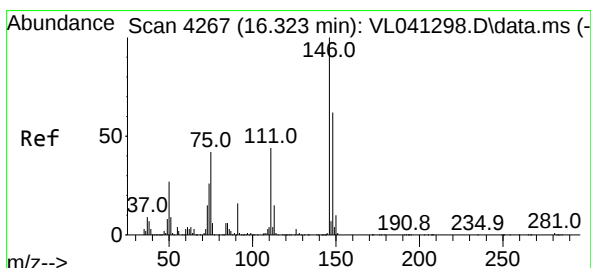
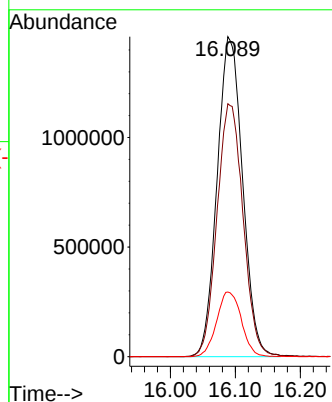
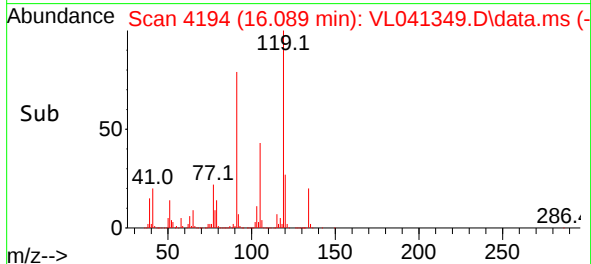
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 397315
Ion Ratio Lower Upper
119 100
91 80.8 66.5 99.7
134 19.7 15.7 23.5

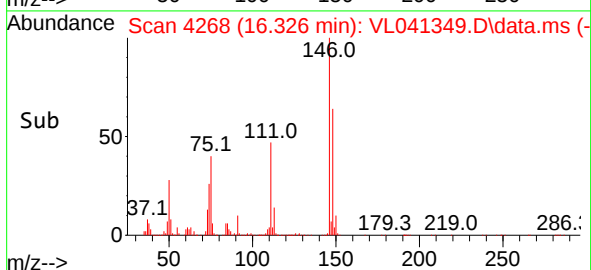
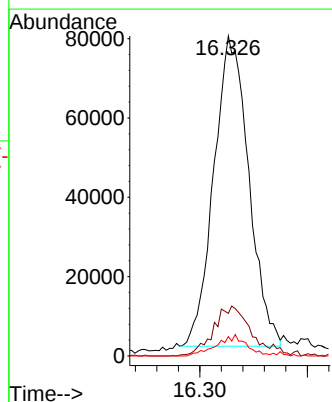
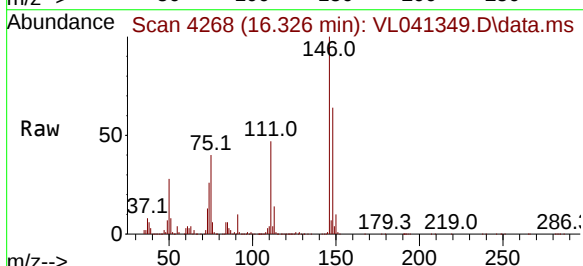
Manual Integrations
APPROVED

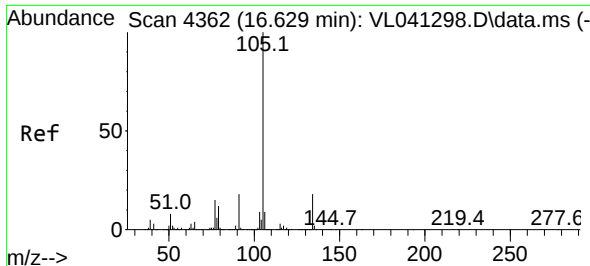
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#66
Benzyl Chloride
Concen: 6.186 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion: 91 Resp: 176292
Ion Ratio Lower Upper
91 100
126 17.7 13.4 20.2
128 6.1 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.139 ppbv

RT: 16.635 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 5592408

Ion Ratio Lower Upper

105 100

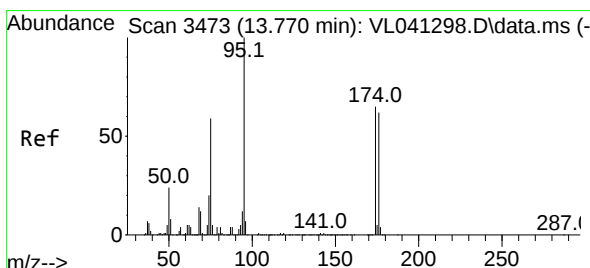
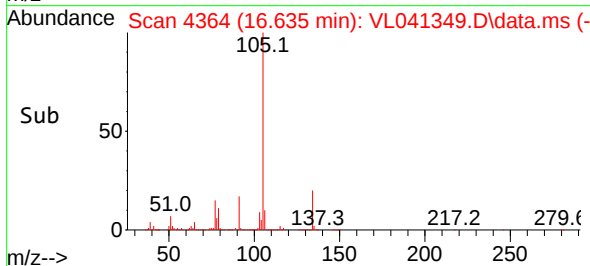
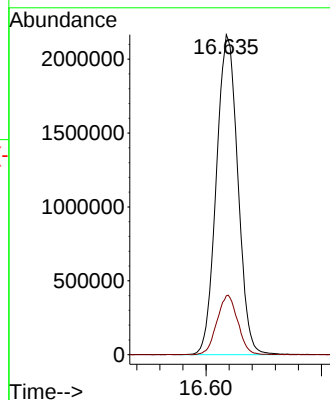
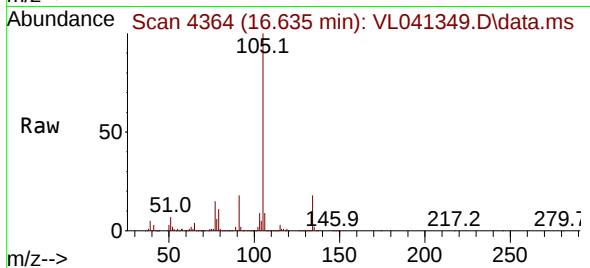
134 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.177 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

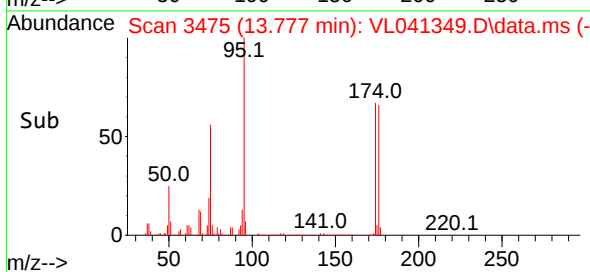
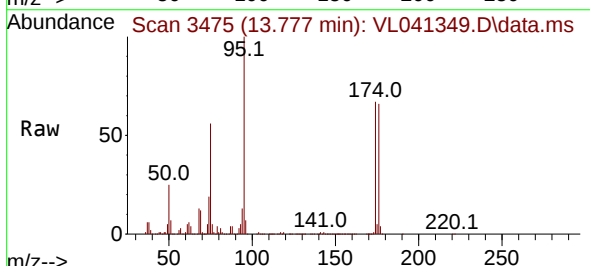
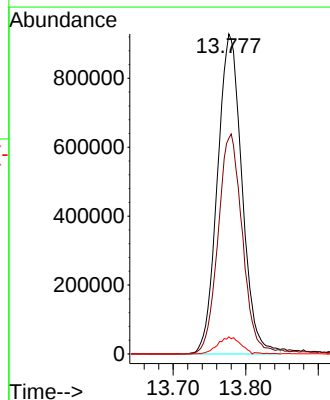
Tgt Ion: 95 Resp: 2180368

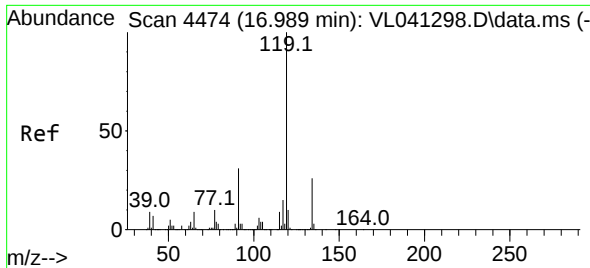
Ion Ratio Lower Upper

95 100

174 69.6 52.2 78.2

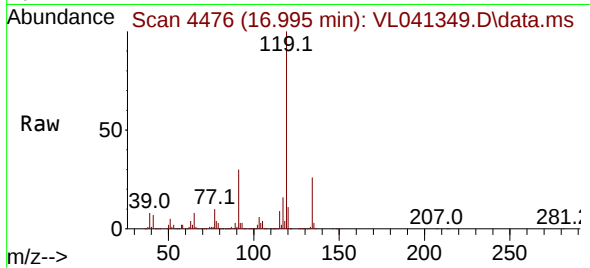
175 5.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.319 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

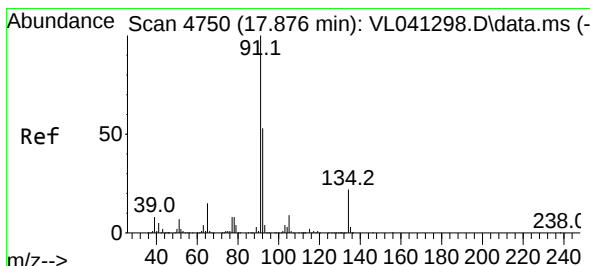
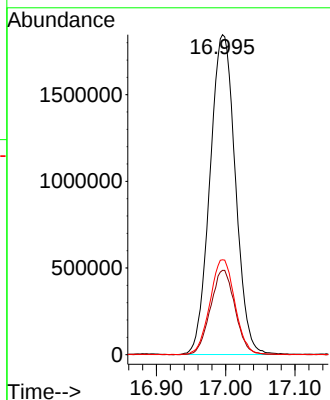
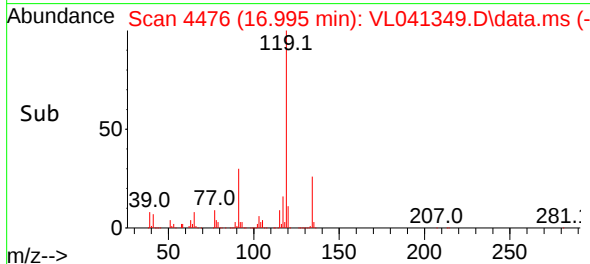
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



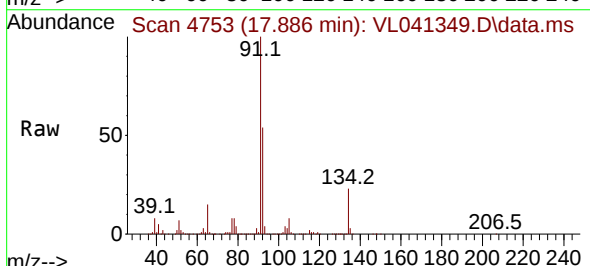
Tgt Ion:119 Resp: 4699778
Ion Ratio Lower Upper
119 100
134 25.6 20.1 30.1
91 29.2 24.1 36.1

Manual Integrations
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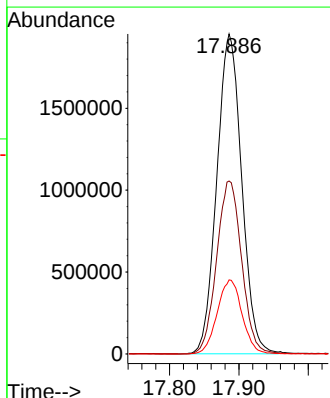
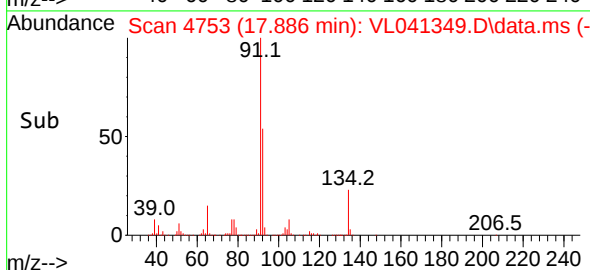
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

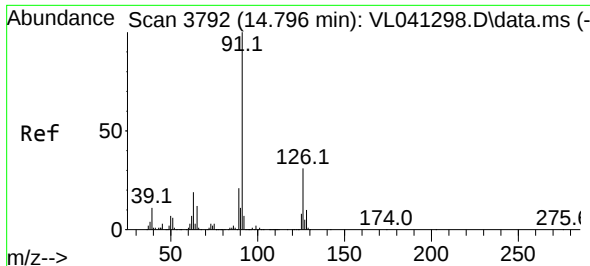


#70
n-Butylbenzene
Concen: 9.313 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



Tgt Ion: 91 Resp: 4872522
Ion Ratio Lower Upper
91 100
92 54.5 42.9 64.3
134 23.3 17.9 26.9





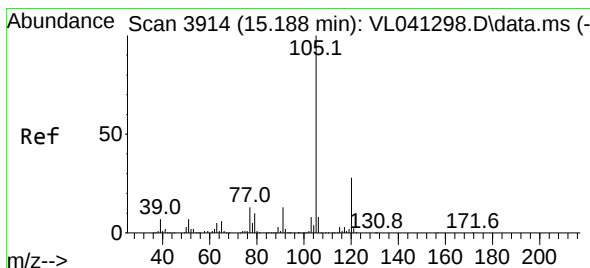
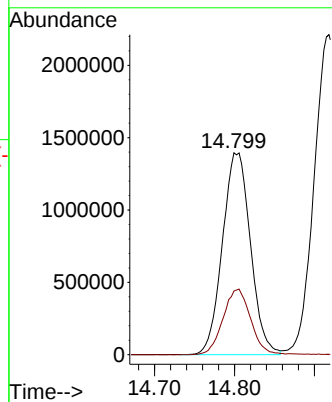
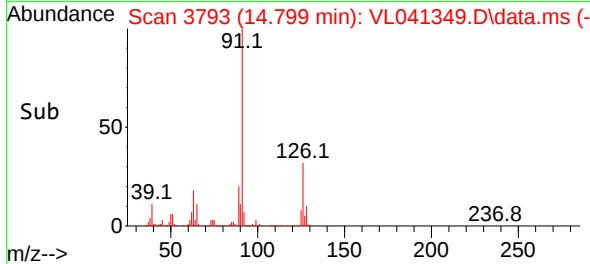
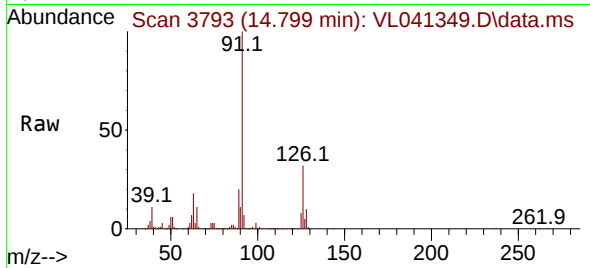
#71
2-Chlorotoluene
Concen: 9.122 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3401719
Ion Ratio Lower Upper
91 100
126 32.1 12.4 49.8

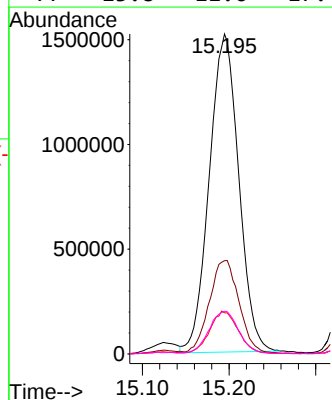
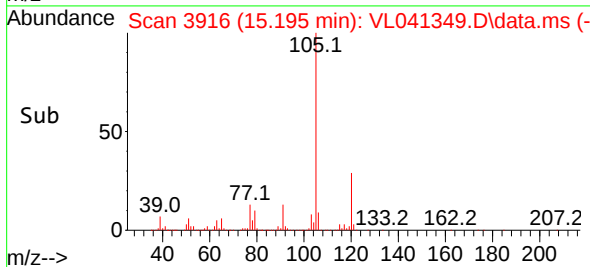
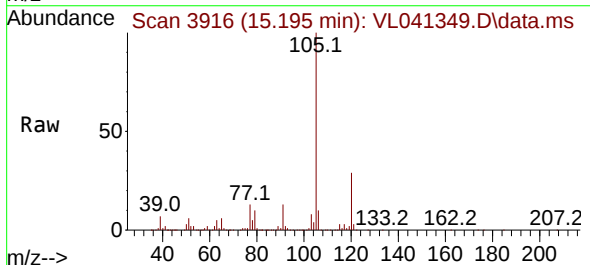
Manual Integrations
APPROVED

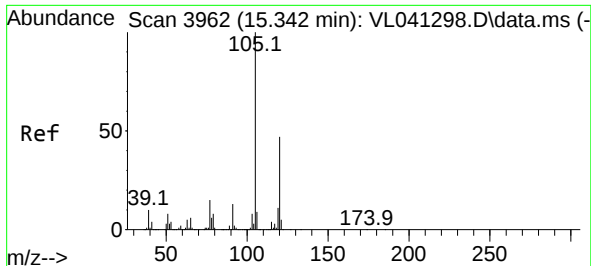
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#72
4-Ethyltoluene
Concen: 9.557 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

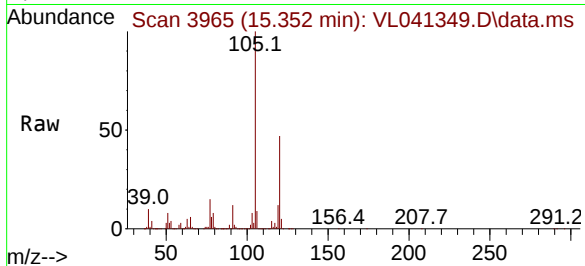
Tgt Ion:105 Resp: 3587007
Ion Ratio Lower Upper
105 100
120 30.2 23.7 35.5
91 12.9 10.6 16.0
77 13.8 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.643 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

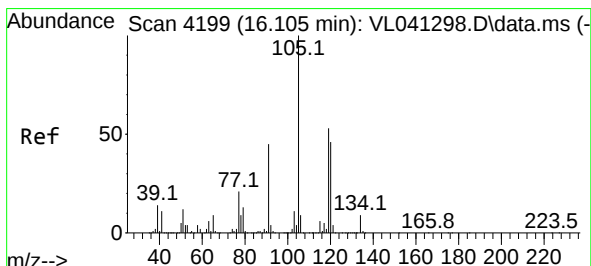
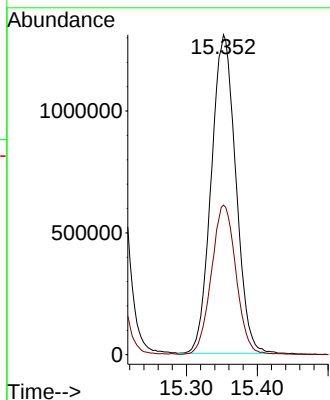
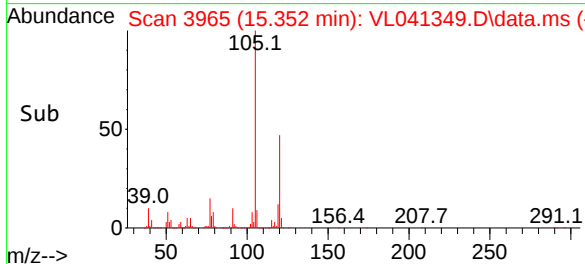
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



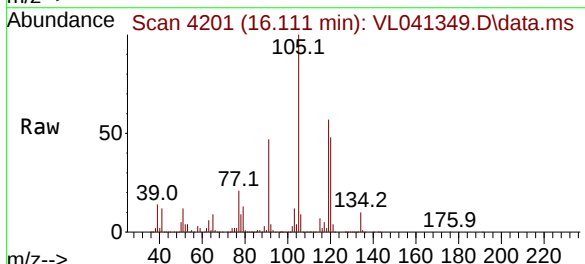
Tgt Ion:105 Resp: 3141348
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

Manual Integrations
APPROVED

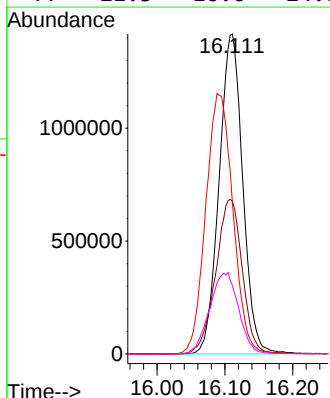
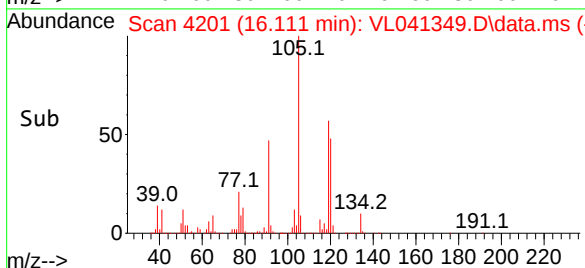
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

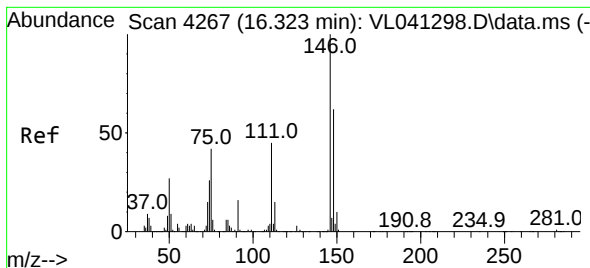


#74
1,2,4-Trimethylbenzene
Concen: 9.292 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.000 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



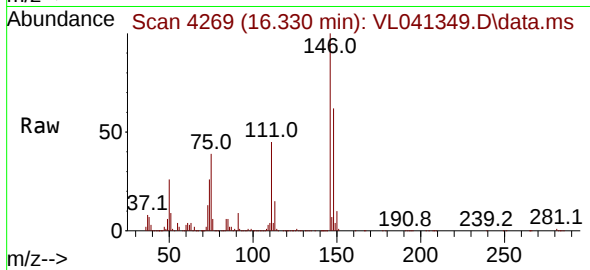
Tgt Ion:105 Resp: 3423362
Ion Ratio Lower Upper
105 100
120 47.6 37.0 55.6
91 46.8 36.2 54.4
77 21.3 16.6 24.8





#75
1,3-Dichlorobenzene
Concen: 9.772 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

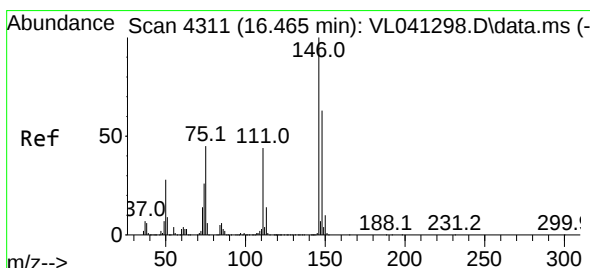
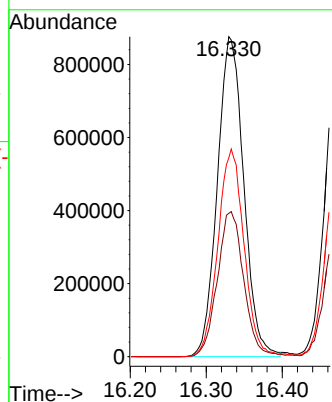
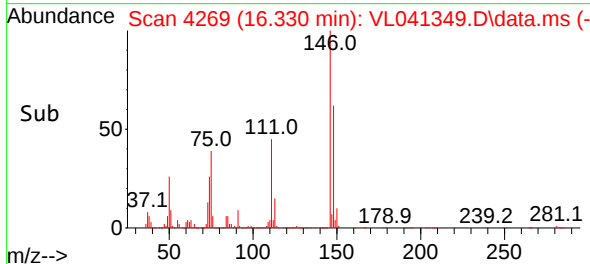
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



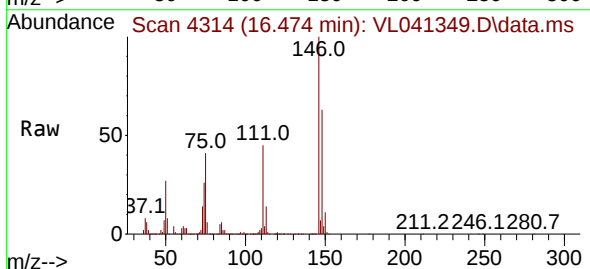
Tgt Ion:146 Resp: 211347
Ion Ratio Lower Upper
146 100
111 45.5 23.3 69.8
148 64.5 32.2 96.6

Manual Integrations
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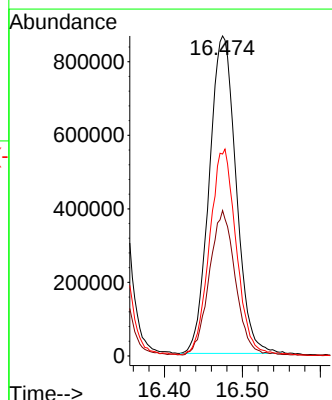
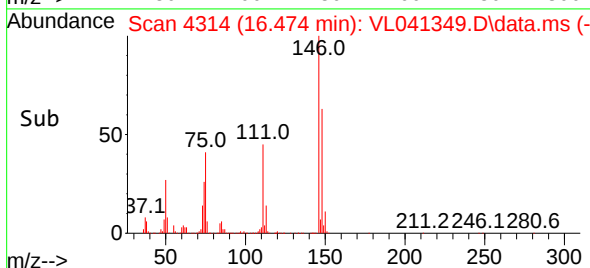
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

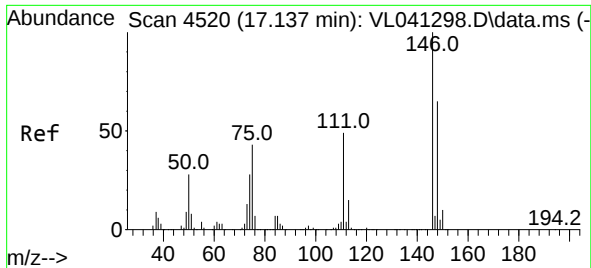


#76
1,4-Dichlorobenzene
Concen: 9.563 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14



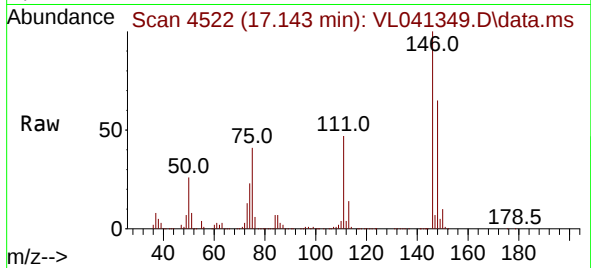
Tgt Ion:146 Resp: 2066682
Ion Ratio Lower Upper
146 100
111 44.8 23.3 69.9
148 65.7 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 9.546 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

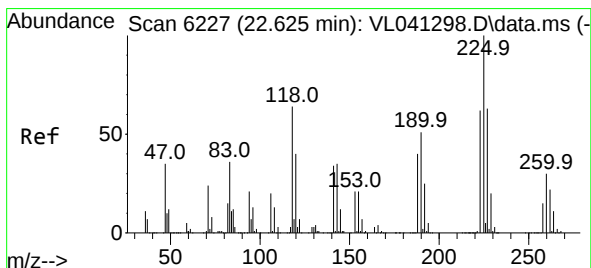
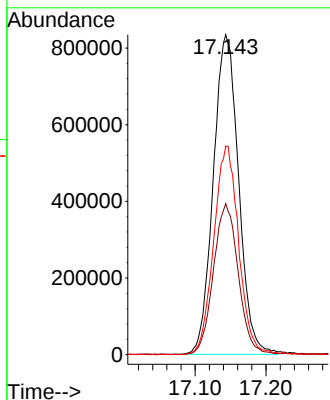
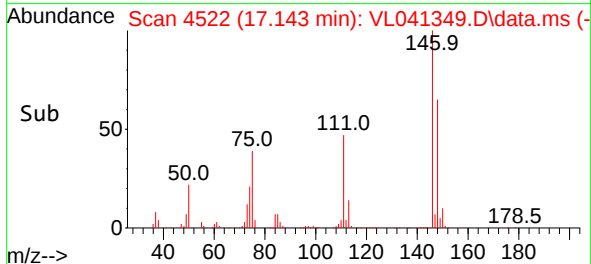
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 206658
Ion Ratio Lower Upper
146 100
111 46.8 24.3 72.9
148 64.6 32.0 96.0

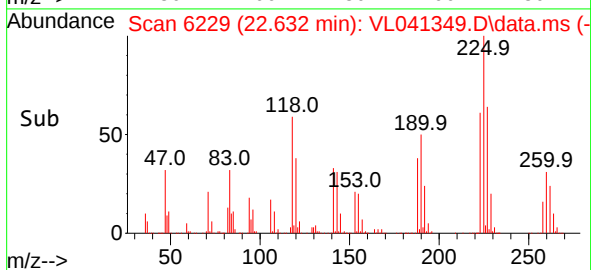
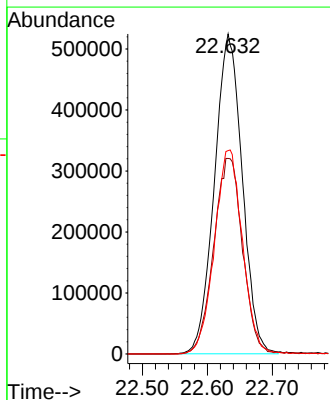
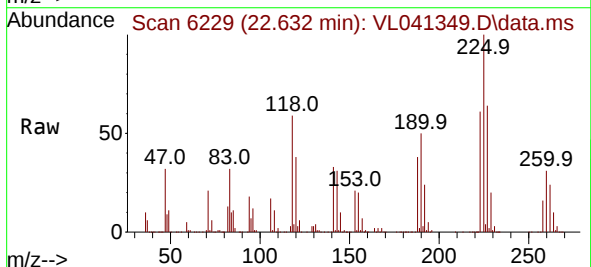
Manual Integrations
APPROVED

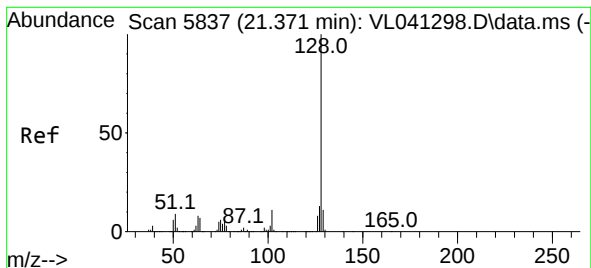
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.766 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.006 min
Lab File: VL041349.D
Acq: 11 Jun 2024 16:14

Tgt Ion:225 Resp: 1555337
Ion Ratio Lower Upper
225 100
223 63.9 51.0 76.6
227 64.4 51.1 76.7





#79

Naphthalene

Concen: 11.229 ppbv

RT: 21.384 min Scan# 5837

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 3589510

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

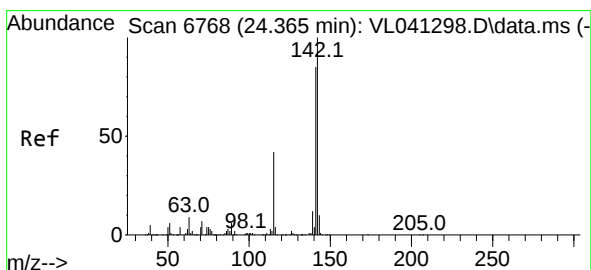
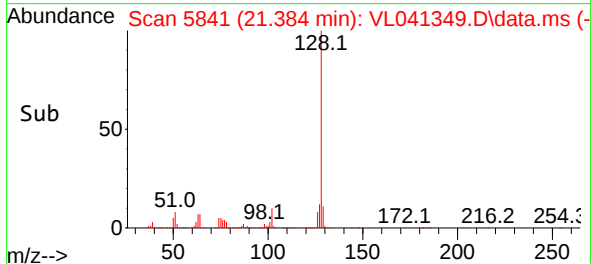
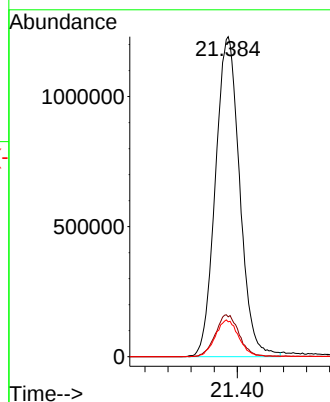
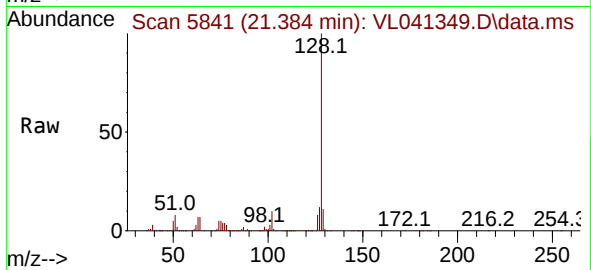
129 10.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024



#80

Naphthalene,2-methyl-

Concen: 9.593 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. -0.003 min

Lab File: VL041349.D

Acq: 11 Jun 2024 16:14

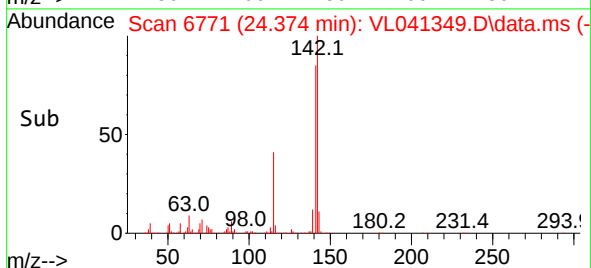
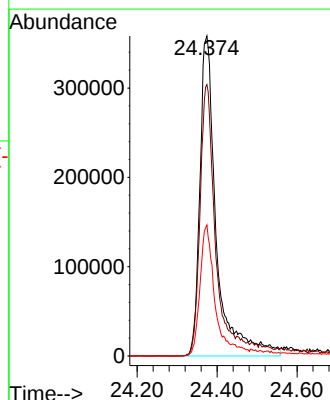
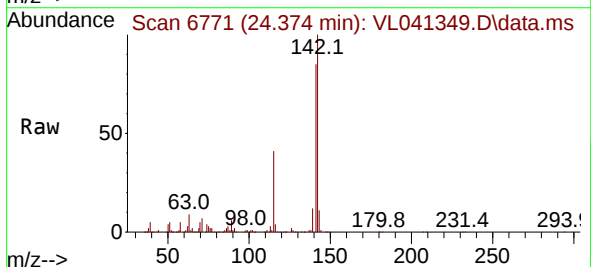
Tgt Ion:142 Resp: 1035561

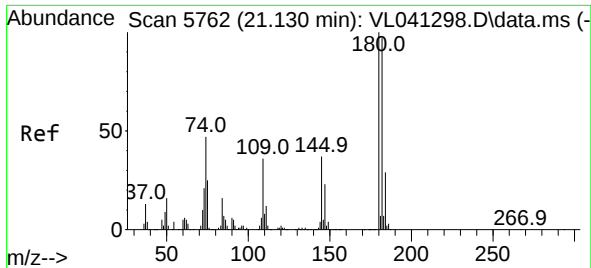
Ion Ratio Lower Upper

142 100

141 85.5 68.5 102.7

115 40.5 32.6 49.0





#81

1,2,4-Trichlorobenzene

Concen: 10.226 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041349.D

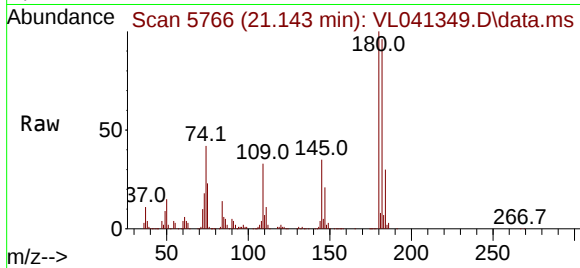
Acq: 11 Jun 2024 16:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1822938

Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.6

184 30.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024

Supervised By :Mahesh Dadoda 06/12/2024

