

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041366.D
 Acq On : 26 Jun 2024 19:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 09:19:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Thu Jun 27 09:18:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.233	49	1076445	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.690	114	2843978	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2658280	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 2058941 10.334 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.783	85	1858136m	10.116	ppbv	
3) Chlorodifluoromethane	2.729	51	1576163	8.492	ppbv	99
4) Chloromethane	2.867	50	603611	8.510	ppbv	98
5) Vinyl Chloride	2.970	62	626565	8.174	ppbv	98
6) Bromomethane	3.166	94	150414m	6.203	ppbv	
7) Chloroethane	3.246	64	208089	8.217	ppbv	95
8) Dichlorotetrafluoroethane	2.909	85	1581742	8.859	ppbv	100
9) Propene	2.748	41	538194	8.380	ppbv	99
10) Heptane	7.613	43	1341171	8.890	ppbv	99
11) Trichlorofluoromethane	3.610	101	1586539	8.873	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.108	101	1093397	8.726	ppbv	99
13) Ethanol	3.291	45	132471	9.297	ppbv	88
14) Bromoethene	3.414	108	450744	8.967	ppbv	96
15) Acetone	3.517	43	1170160	8.231	ppbv	99
16) 1,3-Butadiene	3.037	39	630294	9.315	ppbv	100
17) tert-Butyl alcohol	3.928	59	1114677	10.163	ppbv	100
18) 1,1-Dichloroethene	3.925	96	492011	8.931	ppbv	96
19) Isopropyl Alcohol	3.626	45	845539	10.834	ppbv #	98
20) Methylene Chloride	3.976	84	417900	8.101	ppbv	98
21) Allyl Chloride	4.041	41	697416	8.133	ppbv	97
22) trans-1,2-Dichloroethene	4.488	96	477789	8.732	ppbv	99
23) Vinyl Acetate	4.671	43	1349357	9.628	ppbv	99
24) 1,1-Dichloroethane	4.606	63	1033462	8.506	ppbv	99
25) Ethyl Acetate	5.246	43	2268204	8.664	ppbv	100
26) Hexane	5.253	57	995666	8.589	ppbv	97
27) Carbon Disulfide	4.169	76	1289050	9.140	ppbv	98
28) Methyl tert-Butyl Ether	4.629	73	766121	8.911	ppbv	98
29) Chloroform	5.314	83	1563397	8.742	ppbv	96
30) Cyclohexane	6.639	84	842834	9.127	ppbv	98
31) cis-1,2-Dichloroethene	5.118	61	996678	8.969	ppbv	97
32) 1,1,1-Trichloroethane	6.044	97	1562800	8.325	ppbv	99
34) 2-Butanone	4.828	43	1364615	9.093	ppbv	100
35) Carbon Tetrachloride	6.529	117	1633040	8.695	ppbv	95
36) Benzene	6.407	78	2092041	8.888	ppbv	99
37) 1,2-Dichloroethane	5.848	62	1222276	9.051	ppbv	100
38) Trichloroethene	7.327	130	817065	7.969	ppbv	99
39) 1,2-Dichloropropane	7.111	63	811392	8.921	ppbv	98
40) 1,4-Dioxane	7.320	88	321144	11.013	ppbv #	15
41) Tetrahydrofuran	5.597	42	843305	9.072	ppbv	99
42) Bromodichloromethane	7.285	83	1759461	9.311	ppbv	99
43) Methyl Methacrylate	7.507	69	848774	9.598	ppbv	98
44) 2,2,4-Trimethylpentane	7.359	57	3514372	8.786	ppbv	99
45) t-1,3-Dichloropropene	8.741	75	389175	6.954	ppbv	96

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 Supervised By : Mahesh Dadoda 06/27/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

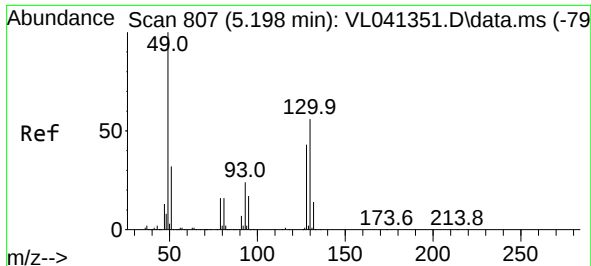
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jun 27 09:18:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.175	75	559700	7.438	ppbv	98
47) 1,1,2-Trichloroethane	8.928	97	859896	8.814	ppbv	97
48) Dibromochloromethane	9.741	129	1482053	9.460	ppbv	98
49) Bromoform	12.433	173	1257751	10.081	ppbv	98
50) 4-Methyl-2-Pentanone	8.214	43	2214504	9.189	ppbv	99
51) 2-Hexanone	9.581	43	1574290	9.190	ppbv #	99
52) Tetrachloroethene	10.645	164	760551	8.047	ppbv	100
53) Toluene	9.249	91	2426413	9.140	ppbv	98
54) 1,2-Dibromoethane	10.037	107	1054217	8.732	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.539	131	1080236	9.031	ppbv	99
57) Chlorobenzene	11.555	112	1873043	8.982	ppbv	98
58) Ethyl Benzene	12.114	91	3322438	9.342	ppbv	98
59) m/p-Xylene	12.397	91	5651799m	18.362	ppbv	
60) o-Xylene	13.085	91	2703895	9.308	ppbv	98
61) Styrene	12.921	104	1407722	9.979	ppbv	98
62) Isopropylbenzene	14.053	105	4062942	9.060	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.072	83	1937762	8.467	ppbv	100
64) n-propylbenzene	14.937	120	1085806	9.275	ppbv	98
65) tert-Butylbenzene	16.111	119	3630683	9.092	ppbv	100
66) Benzyl Chloride	16.349	91	161095m	6.140	ppbv	
67) sec-Butylbenzene	16.654	105	5201163	9.209	ppbv	100
69) p-Isopropyltoluene	17.014	119	4362886	9.354	ppbv	99
70) n-Butylbenzene	17.905	91	4538115	9.518	ppbv	100
71) 2-Chlorotoluene	14.822	91	3155495	9.472	ppbv	99
72) 4-Ethyltoluene	15.217	105	3299056	9.535	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2884440	9.740	ppbv	97
74) 1,2,4-Trimethylbenzene	16.127	105	3182519	9.537	ppbv	93
75) 1,3-Dichlorobenzene	16.355	146	1916958	9.683	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1871016	9.486	ppbv	99
77) 1,2-Dichlorobenzene	17.165	146	1880703	9.318	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1059225	7.216	ppbv	99
79) Naphthalene	21.413	128	1519137	8.464	ppbv	98
80) Naphthalene,2-methyl-	24.432	142	950m	2.011	ppbv	
81) 1,2,4-Trichlorobenzene	21.169	180	907626	8.182	ppbv	98

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



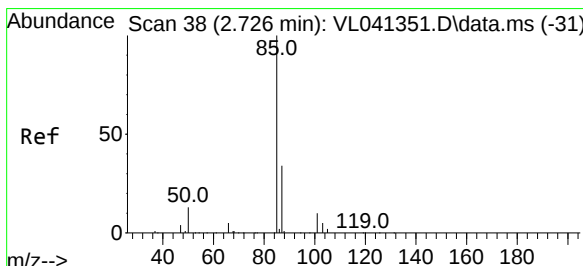
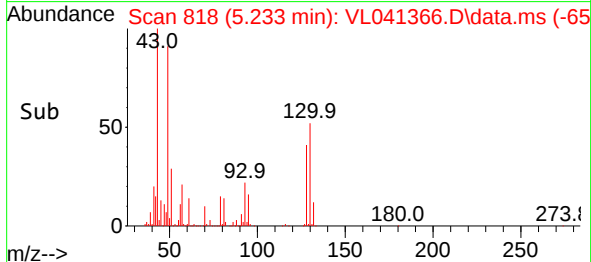
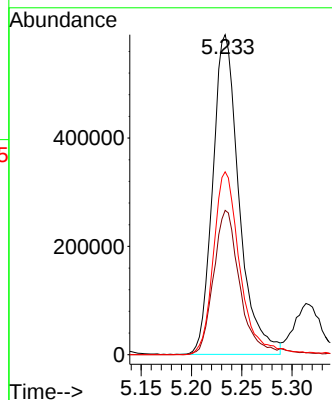
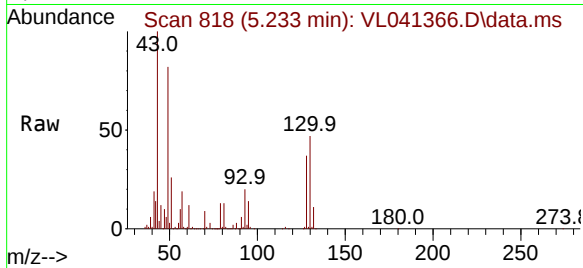
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.233 min Scan# 81
Delta R.T. 0.032 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 107644
Ion Ratio Lower Upper
49 100
128 46.7 22.8 68.3
130 59.1 28.9 86.7

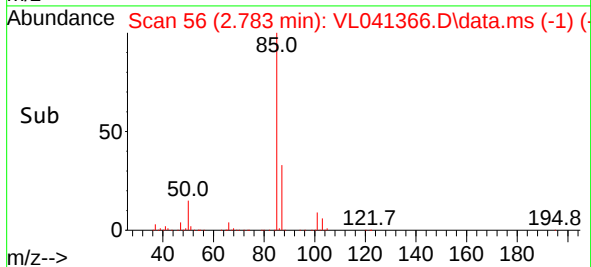
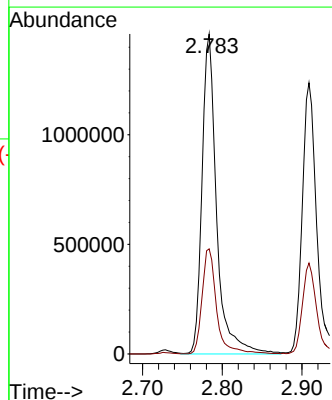
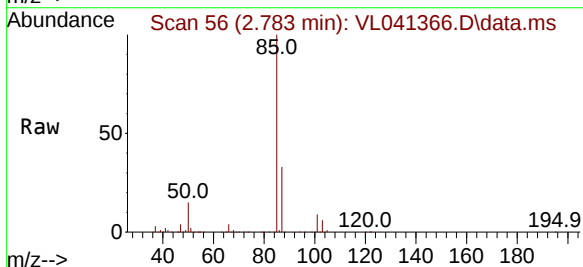
Manual Integrations
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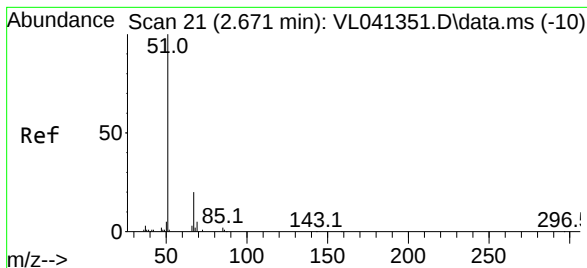
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#2
Dichlorodifluoromethane
Concen: 10.116 ppbv m
RT: 2.783 min Scan# 56
Delta R.T. 0.055 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

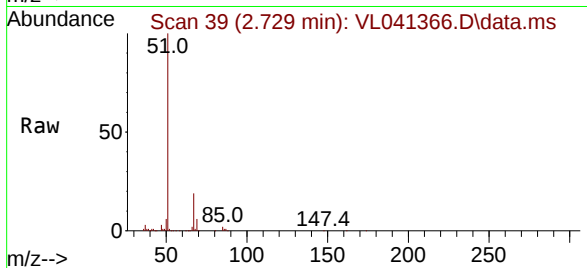
Tgt Ion: 85 Resp: 1858136
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9





#3
Chlorodifluoromethane
Concen: 8.492 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.055 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

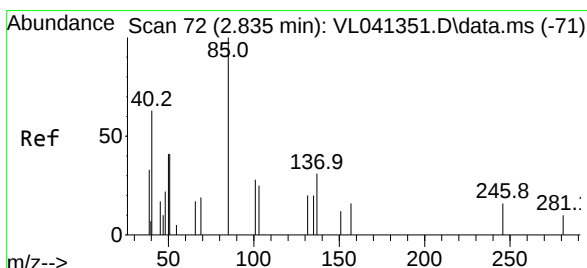
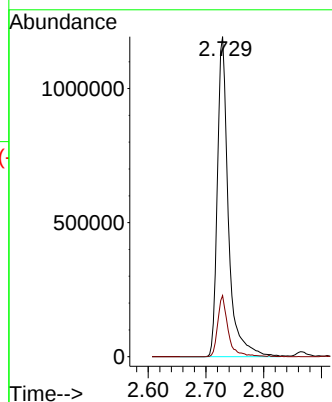
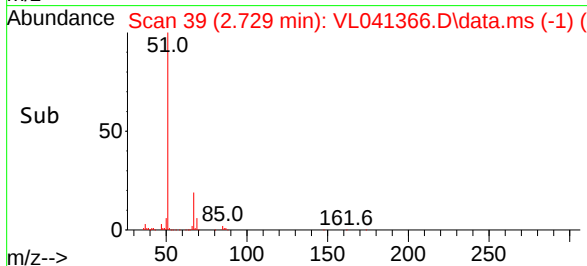
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



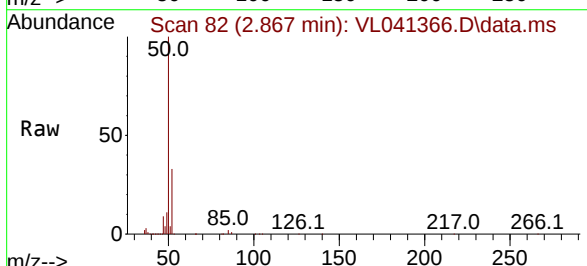
Tgt Ion: 51 Resp: 157616
Ion Ratio Lower Upper
51 100
67 18.3 14.3 21.5

Manual Integrations
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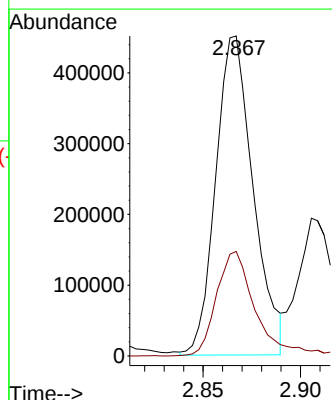
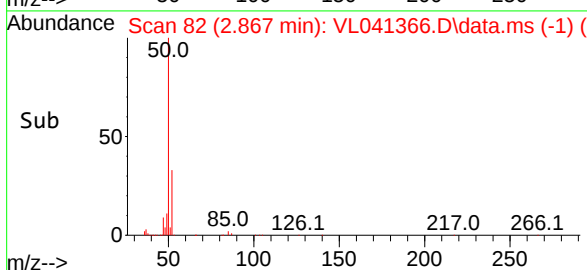
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

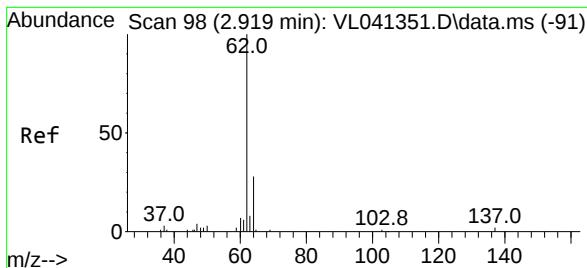


#4
Chloromethane
Concen: 8.510 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.051 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



Tgt Ion: 50 Resp: 603611
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4





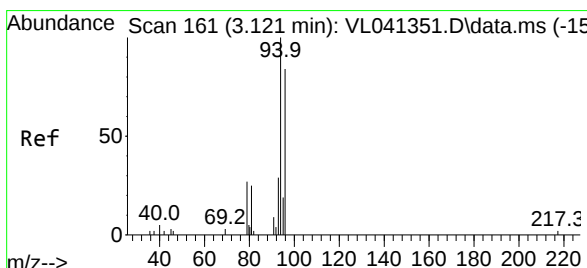
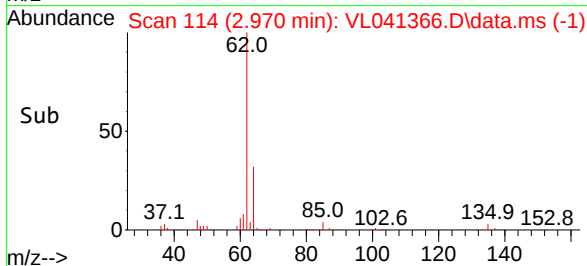
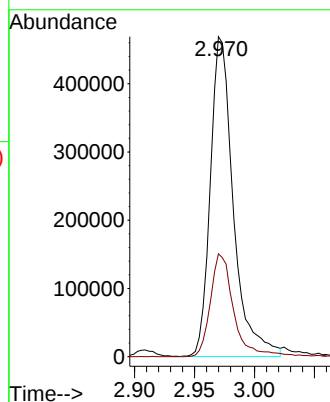
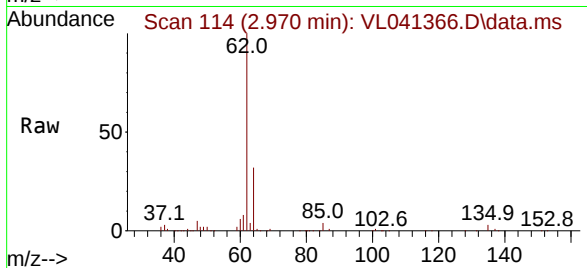
#5
 Vinyl Chloride
 Concen: 8.174 ppbv
 RT: 2.970 min Scan# 114
 Delta R.T. 0.048 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 62656
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.0 37.6

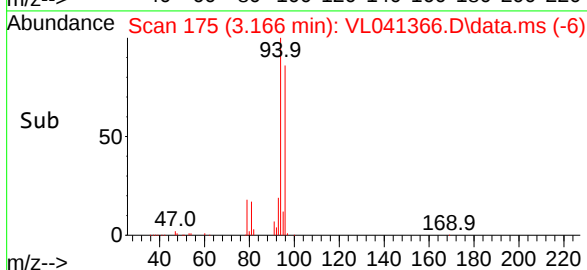
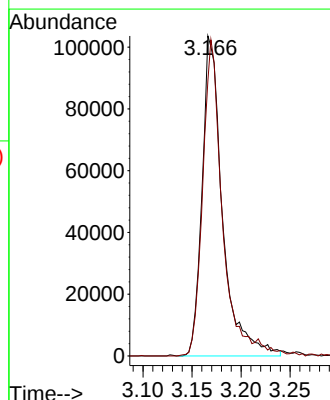
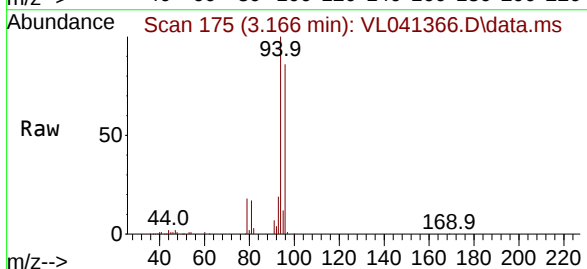
Manual Integrations
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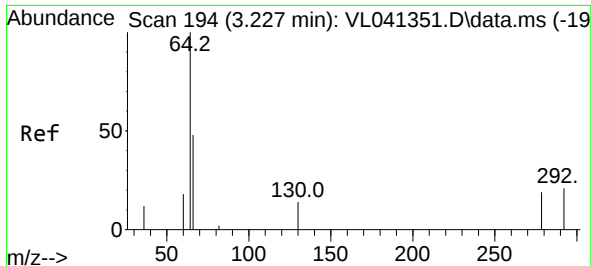
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#6
 Bromomethane
 Concen: 6.203 ppbv m
 RT: 3.166 min Scan# 175
 Delta R.T. 0.045 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

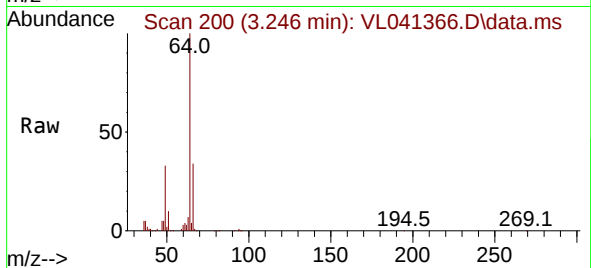
Tgt Ion: 94 Resp: 150414
 Ion Ratio Lower Upper
 94 100
 96 86.0 71.0 106.4





#7
Chloroethane
Concen: 8.217 ppbv
RT: 3.246 min Scan# 20
Delta R.T. 0.045 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

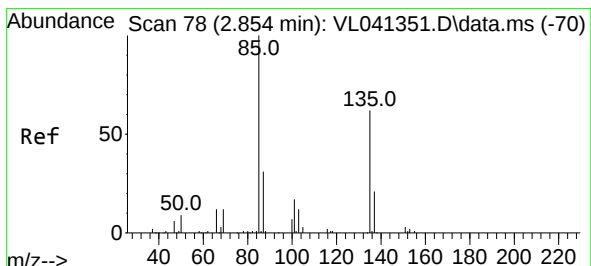
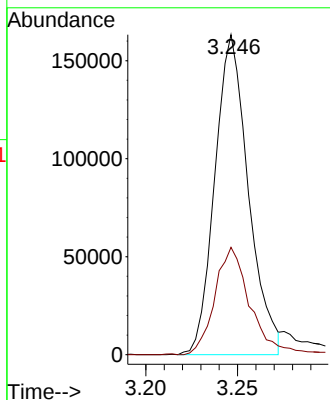
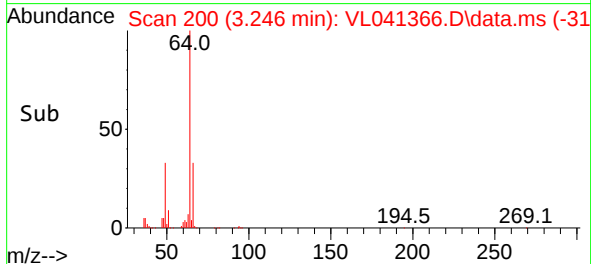
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 208089
Ion Ratio Lower Upper
64 100
66 33.6 24.6 36.8

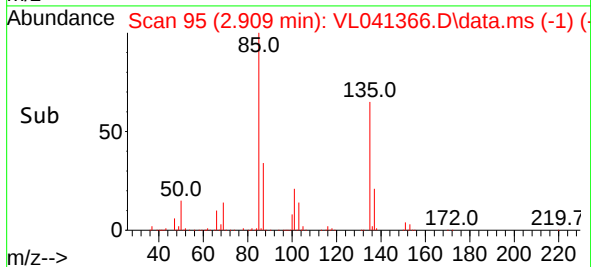
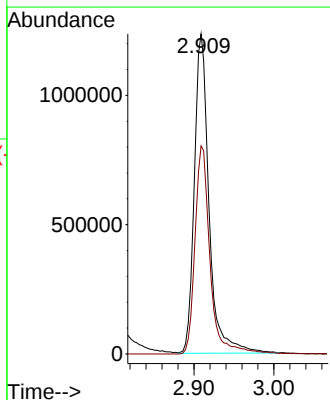
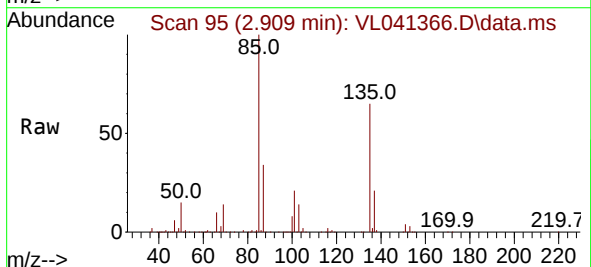
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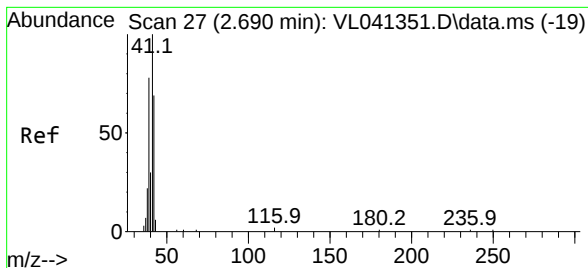
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#8
Dichlorotetrafluoroethane
Concen: 8.859 ppbv
RT: 2.909 min Scan# 95
Delta R.T. 0.051 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

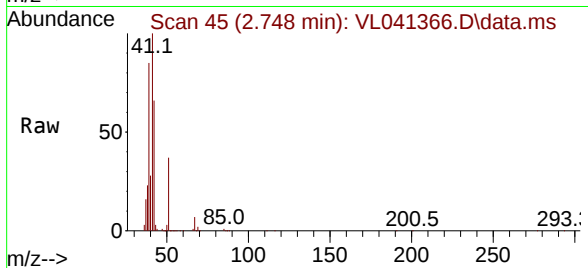
Tgt Ion: 85 Resp: 1581742
Ion Ratio Lower Upper
85 100
135 67.0 53.7 80.5





#9
Propene
Concen: 8.380 ppbv
RT: 2.748 min Scan# 41
Delta R.T. 0.055 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

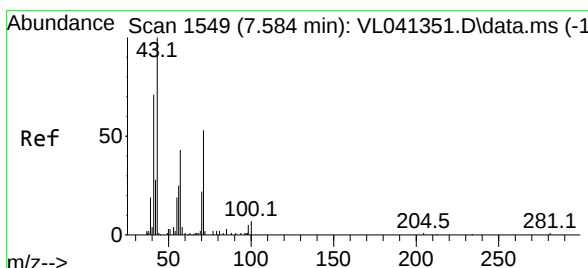
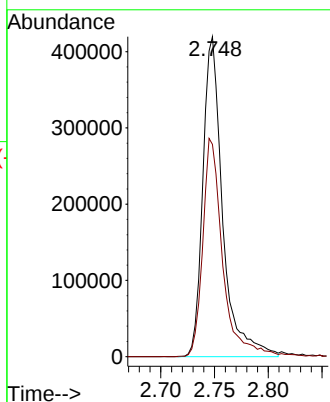
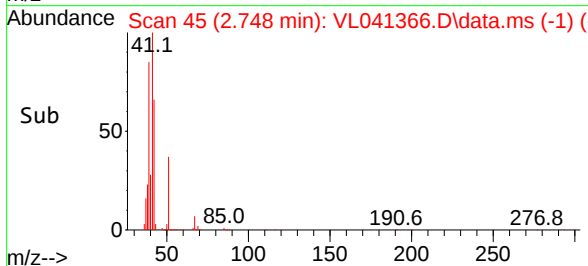
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



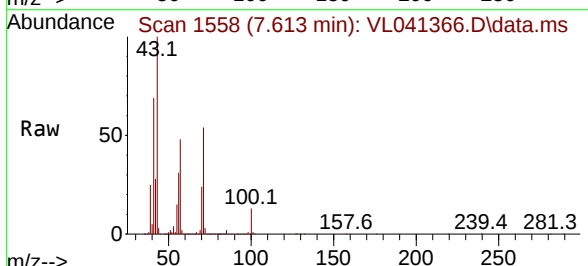
Tgt Ion: 41 Resp: 538194
Ion Ratio Lower Upper
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42 69.2 55.8 83.8

Manual Integrations
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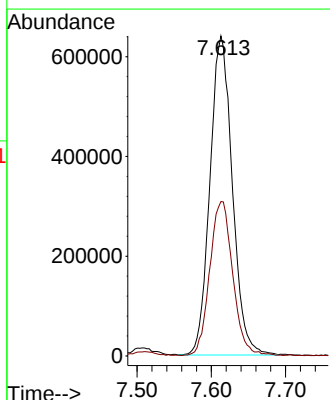
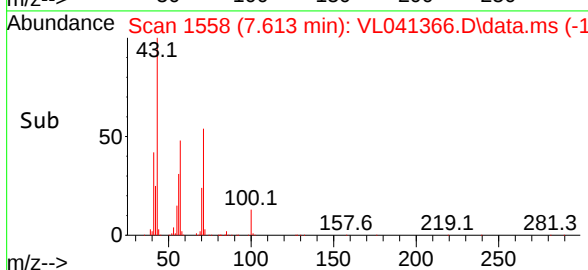
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

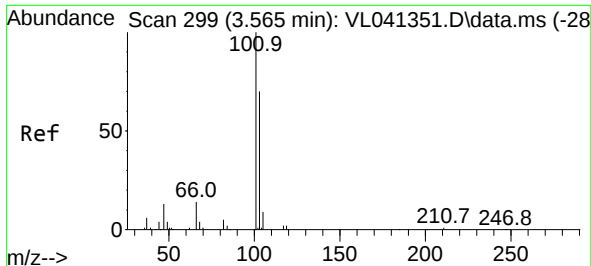


#10
Heptane
Concen: 8.890 ppbv
RT: 7.613 min Scan# 1558
Delta R.T. 0.019 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



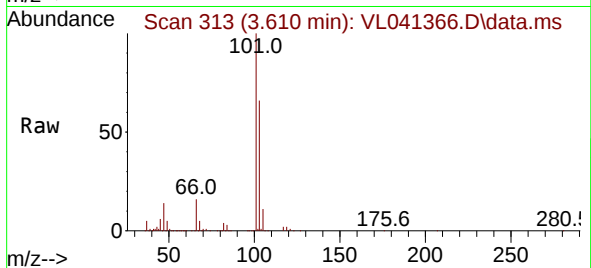
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Ion Ratio Lower Upper
43 100
57 49.5 40.3 60.5





#11
Trichlorofluoromethane
Concen: 8.873 ppbv
RT: 3.610 min Scan# 311
Delta R.T. 0.042 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

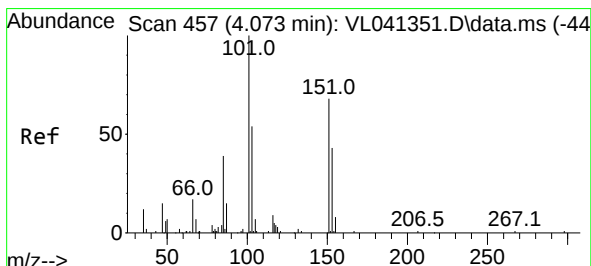
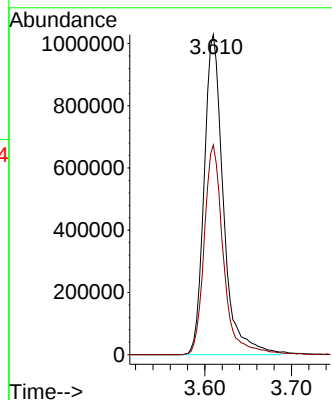
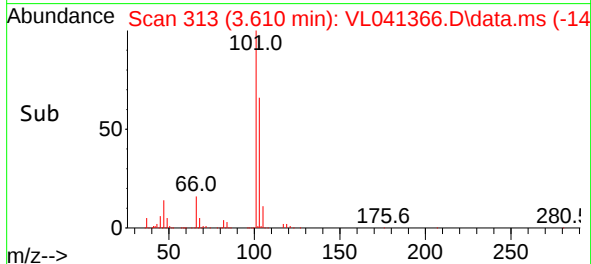
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1586539
Ion Ratio Lower Upper
101 100
103 65.5 50.5 75.7

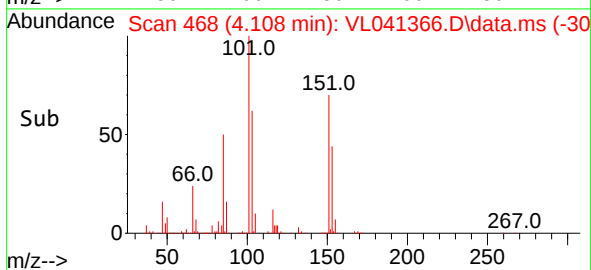
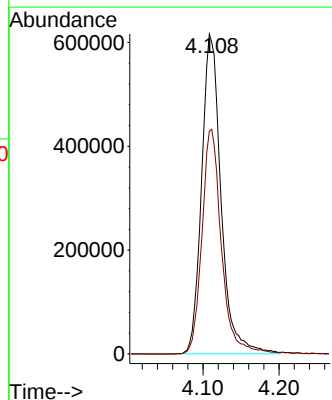
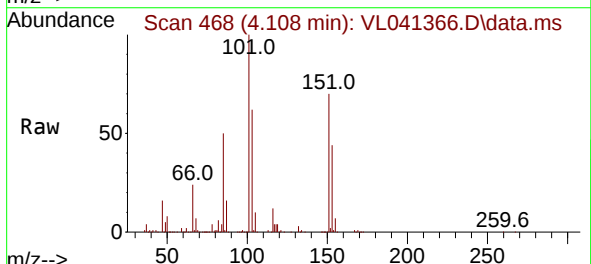
Manual Integrations
APPROVED

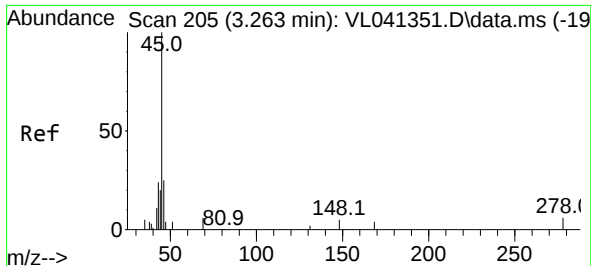
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.726 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.038 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

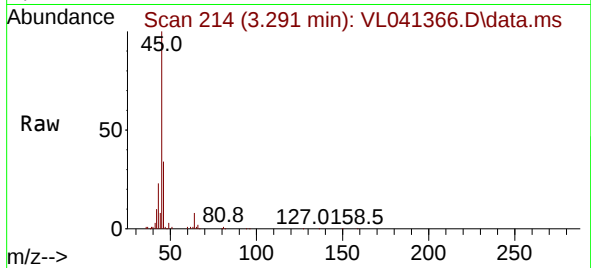
Tgt Ion:101 Resp: 1093397
Ion Ratio Lower Upper
101 100
151 70.8 57.0 85.6





#13
Ethanol
Concen: 9.297 ppbv
RT: 3.291 min Scan# 214
Delta R.T. 0.042 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

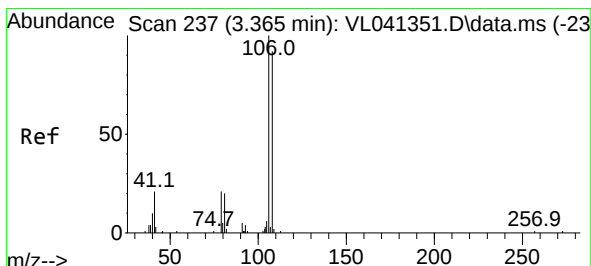
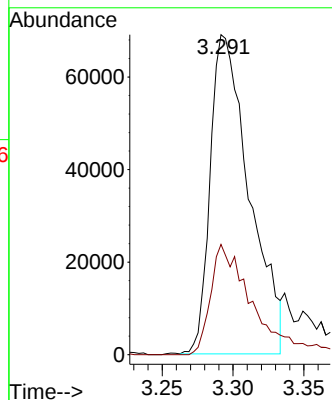
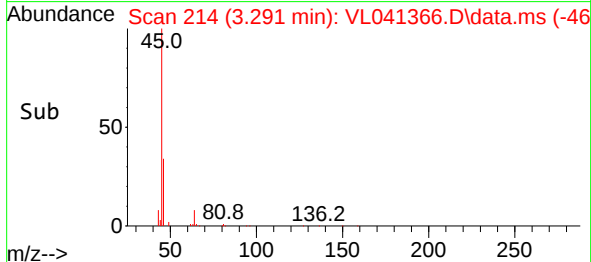
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 13247
Ion Ratio Lower Upper
45 100
46 40.1 13.3 53.3

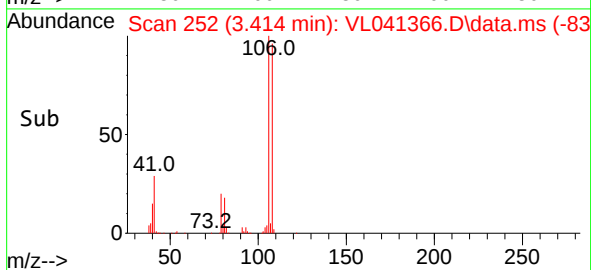
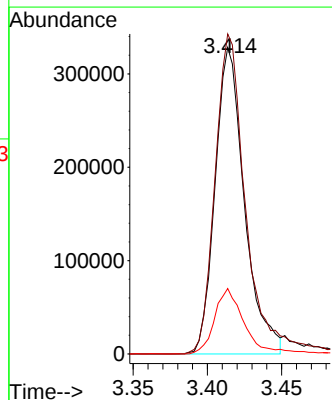
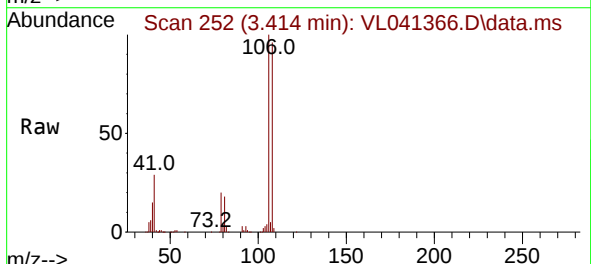
Manual Integrations
APPROVED

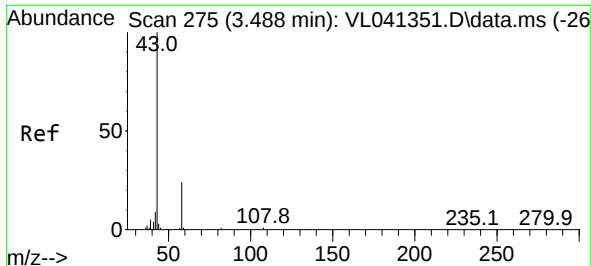
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#14
Bromoethene
Concen: 8.967 ppbv
RT: 3.414 min Scan# 252
Delta R.T. 0.045 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

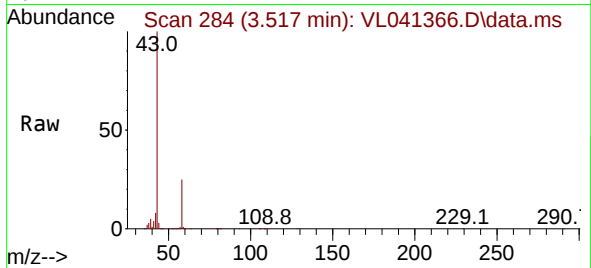
Tgt Ion:108 Resp: 450744
Ion Ratio Lower Upper
108 100
106 111.6 85.5 128.3
79 22.4 16.3 24.5





#15
Acetone
Concen: 8.231 ppbv
RT: 3.517 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

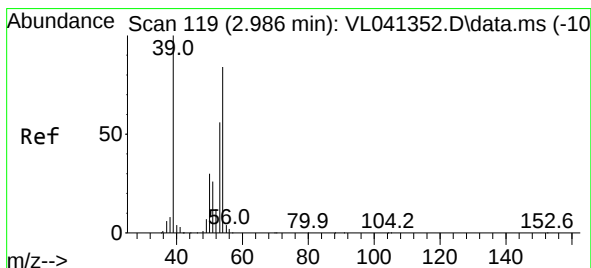
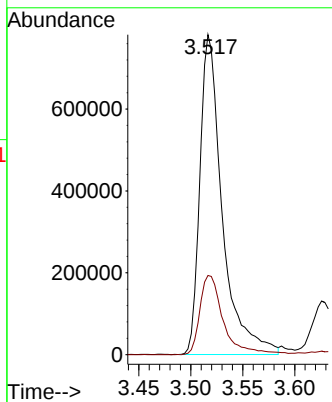
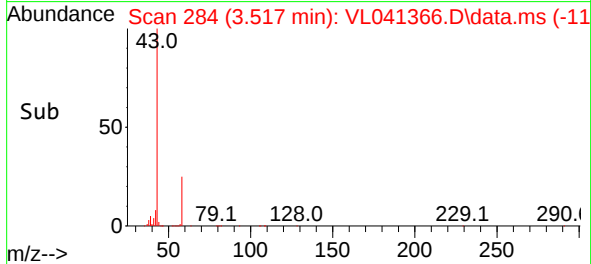
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1170160
Ion Ratio Lower Upper
43 100
58 26.1 20.3 30.5

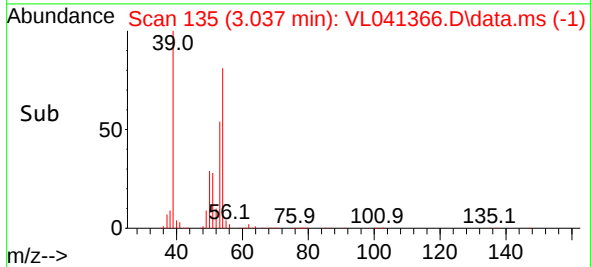
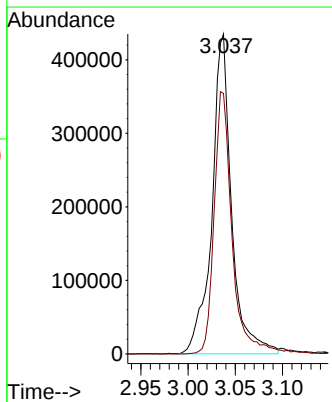
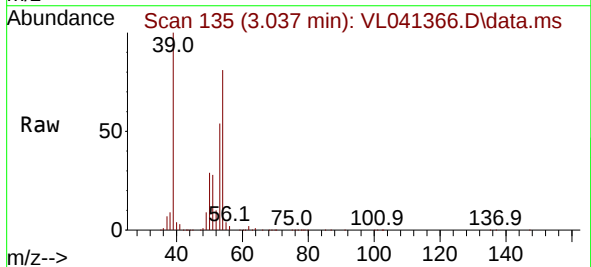
Manual Integrations
APPROVED

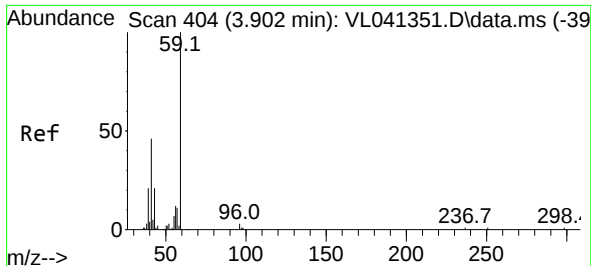
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#16
1,3-Butadiene
Concen: 9.315 ppbv
RT: 3.037 min Scan# 135
Delta R.T. 0.051 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion: 39 Resp: 630294
Ion Ratio Lower Upper
39 100
54 75.4 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.163 ppbv

RT: 3.928 min Scan# 411

Delta R.T. 0.042 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 111467

Ion Ratio Lower Upper

59 100

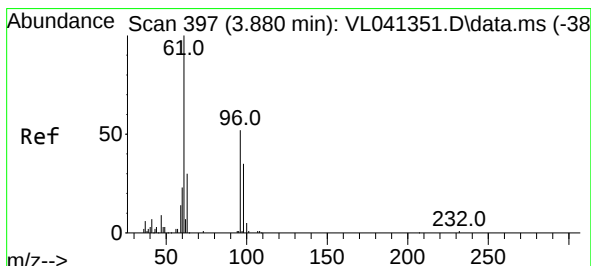
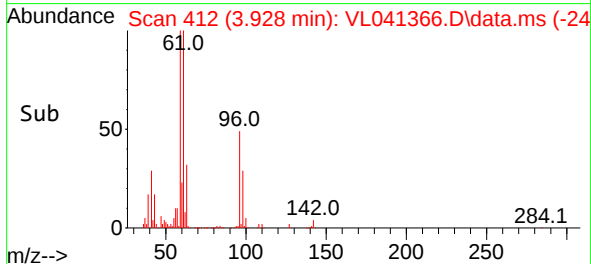
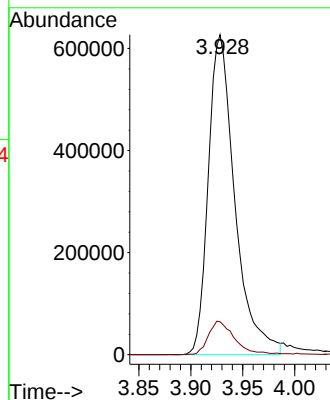
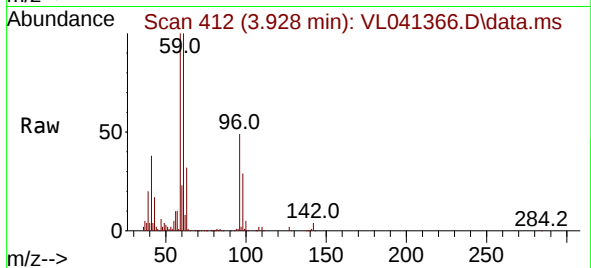
57 10.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#18

1,1-Dichloroethene

Concen: 8.931 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.038 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

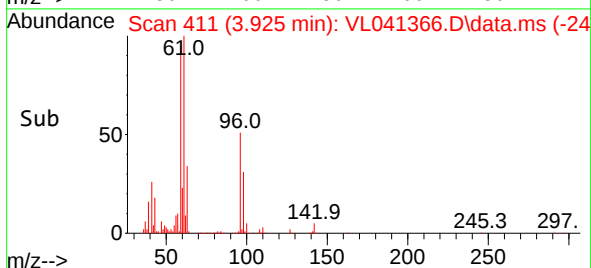
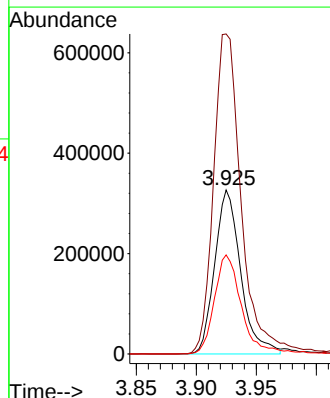
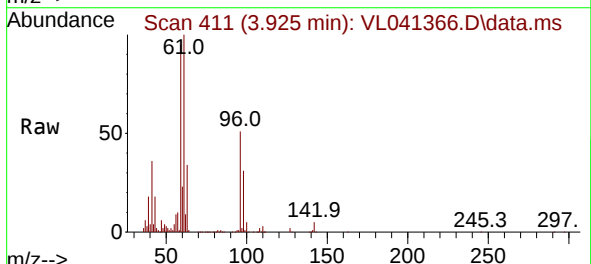
Tgt Ion: 96 Resp: 492011

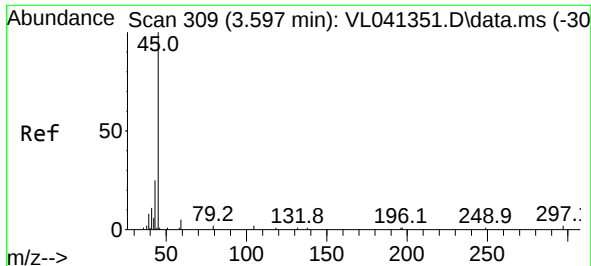
Ion Ratio Lower Upper

96 100

61 195.1 160.3 240.5

98 60.5 51.6 77.4





#19

Isopropyl Alcohol

Concen: 10.834 ppbv

RT: 3.626 min Scan# 318

Delta R.T. 0.042 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 845539

Ion Ratio Lower Upper

45 100

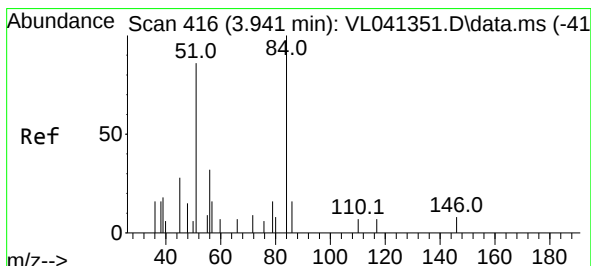
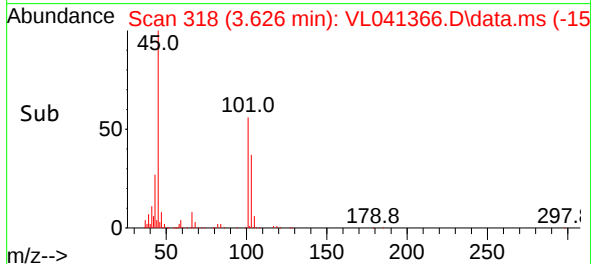
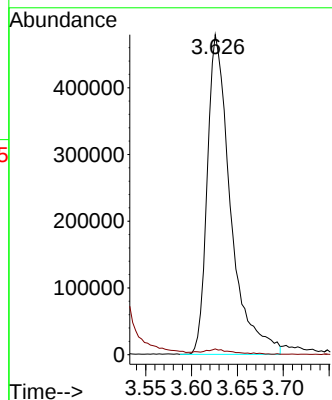
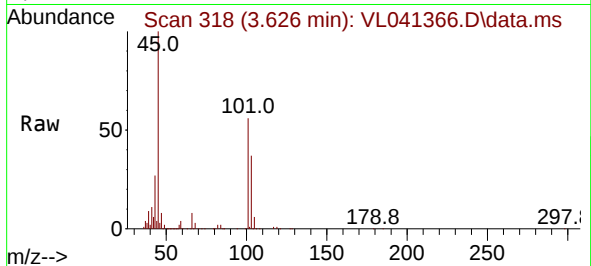
58 2.7 1.6 2.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#20

Methylene Chloride

Concen: 8.101 ppbv

RT: 3.976 min Scan# 427

Delta R.T. 0.038 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Tgt Ion: 84 Resp: 417900

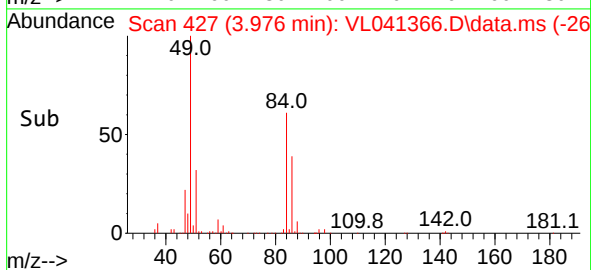
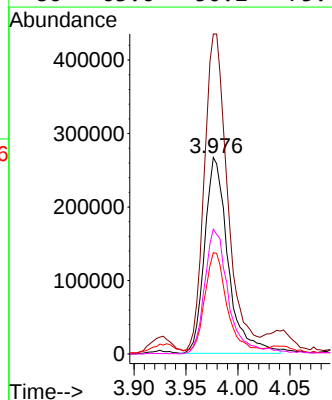
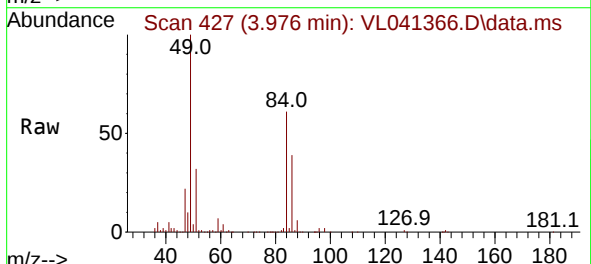
Ion Ratio Lower Upper

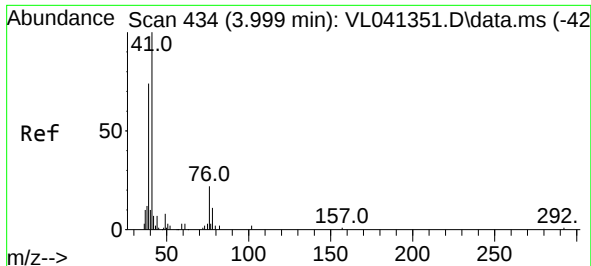
84 100

49 161.2 131.8 197.6

51 49.3 39.6 59.4

86 63.6 50.2 75.4





#21

Allyl Chloride

Concen: 8.133 ppbv

RT: 4.041 min Scan# 447

Delta R.T. 0.038 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

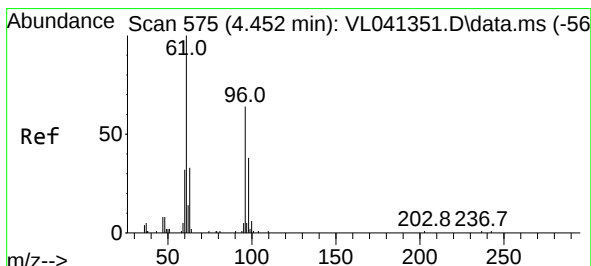
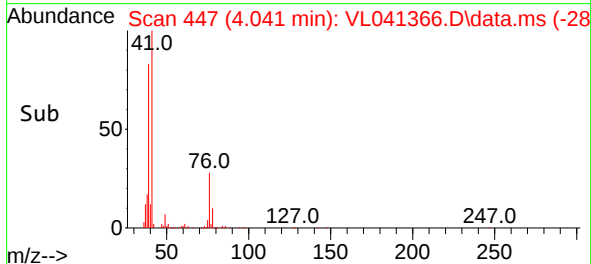
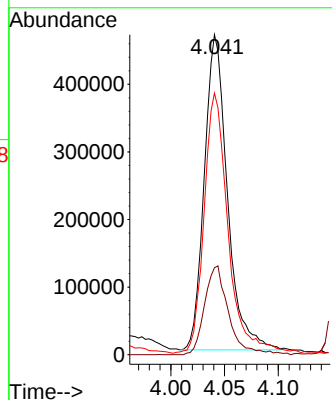
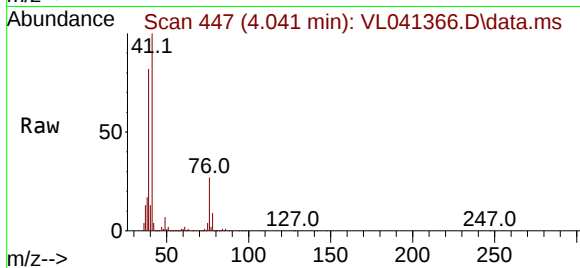
Tgt Ion: 41 Resp: 697410

Ion	Ratio	Lower	Upper
41	100		
76	29.1	23.3	34.9
39	85.8	66.0	99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#22

trans-1,2-Dichloroethene

Concen: 8.732 ppbv

RT: 4.488 min Scan# 586

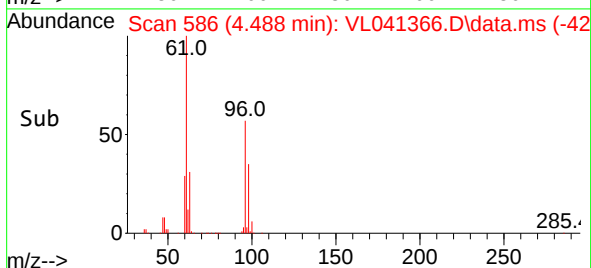
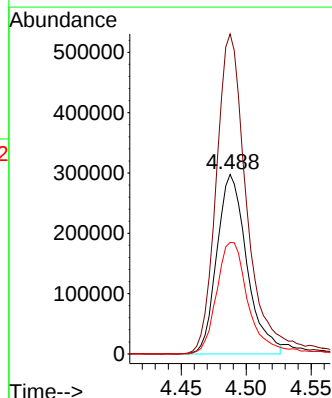
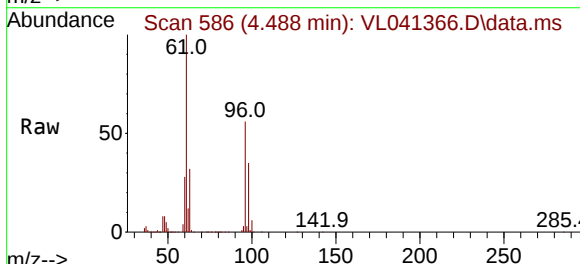
Delta R.T. 0.035 min

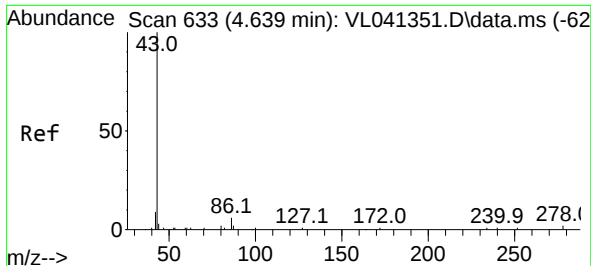
Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Tgt Ion: 96 Resp: 477789

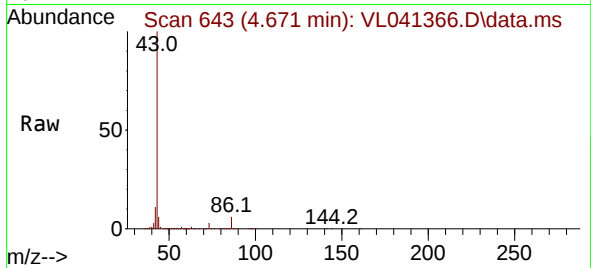
Ion	Ratio	Lower	Upper
96	100		
61	178.1	142.0	213.0
98	62.1	52.2	78.2





#23
 Vinyl Acetate
 Concen: 9.628 ppbv
 RT: 4.671 min Scan# 643
 Delta R.T. 0.035 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

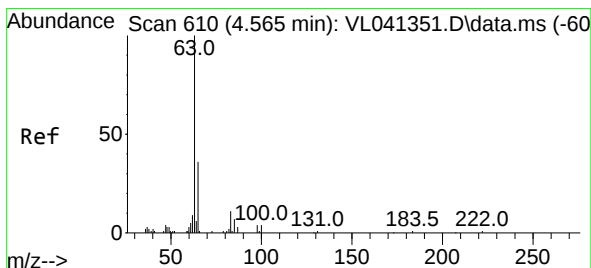
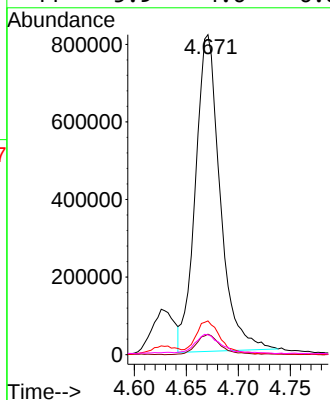
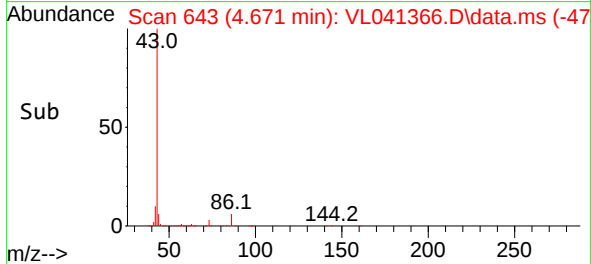
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 134935
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.0 7.4
 42 10.6 7.9 11.9
 44 5.9 4.6 6.8

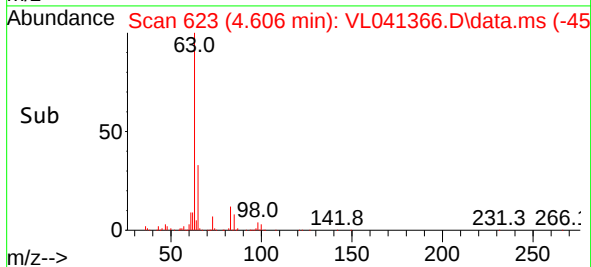
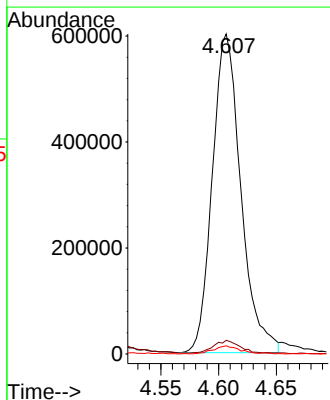
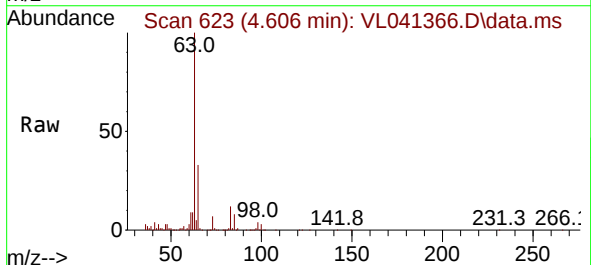
Manual Integrations
 APPROVED

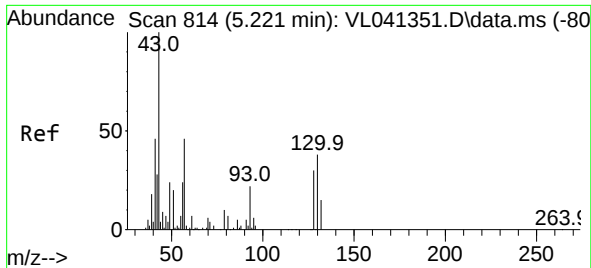
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#24
 1,1-Dichloroethane
 Concen: 8.506 ppbv
 RT: 4.606 min Scan# 623
 Delta R.T. 0.035 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

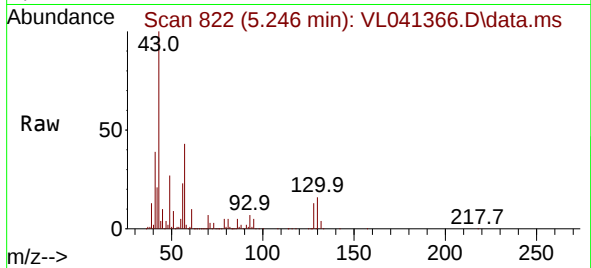
Tgt Ion: 63 Resp: 1033462
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.4
 100 2.5 1.1 3.3





#25
Ethyl Acetate
Concen: 8.664 ppbv
RT: 5.246 min Scan# 814
Delta R.T. 0.032 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

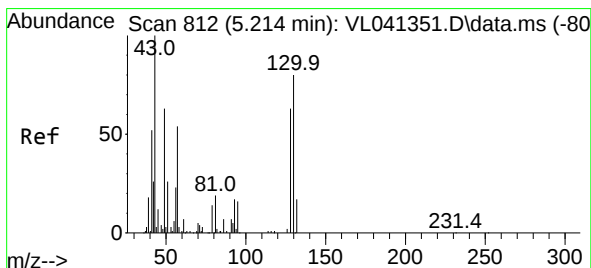
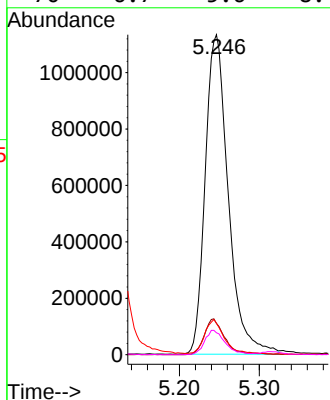
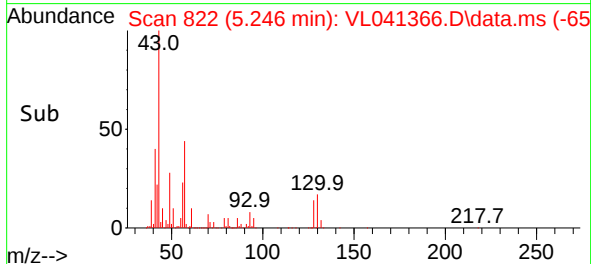
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 2268204
Ion Ratio Lower Upper
43 100
45 10.2 8.3 12.5
61 9.6 7.7 11.5
70 6.7 5.6 8.4

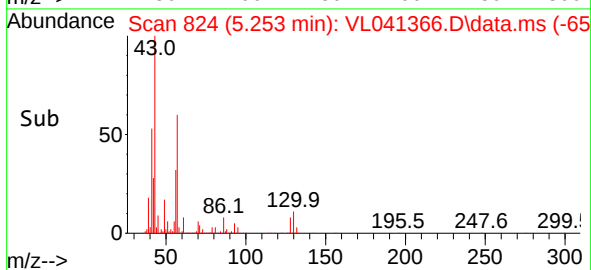
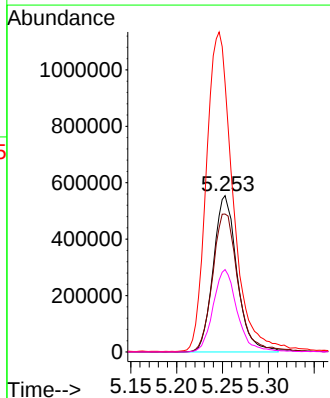
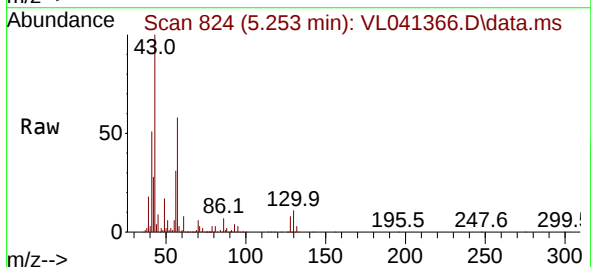
Manual Integrations
APPROVED

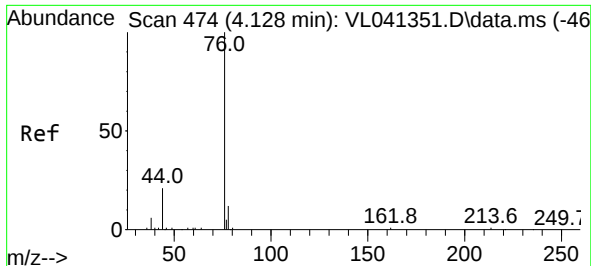
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#26
Hexane
Concen: 8.589 ppbv
RT: 5.253 min Scan# 824
Delta R.T. 0.032 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

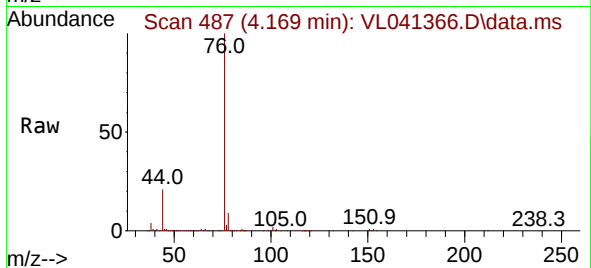
Tgt Ion: 57 Resp: 995666
Ion Ratio Lower Upper
57 100
41 96.1 73.7 110.5
43 231.1 182.2 273.2
56 54.0 41.8 62.6





#27
Carbon Disulfide
Concen: 9.140 ppbv
RT: 4.169 min Scan# 41
Delta R.T. 0.038 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

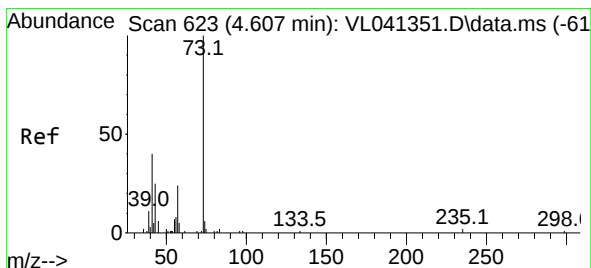
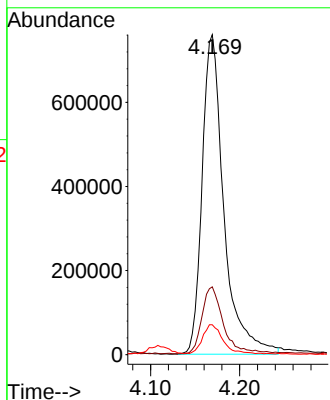
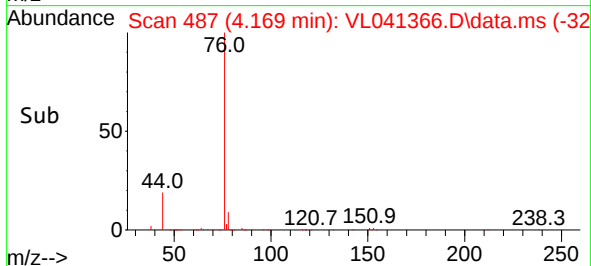
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



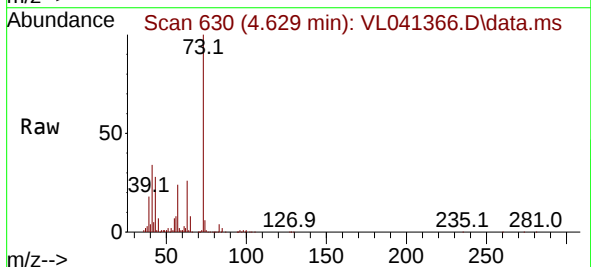
Tgt Ion: 76 Resp: 1289050
Ion Ratio Lower Upper
76 100
44 21.2 17.4 26.2
78 10.1 7.3 10.9

Manual Integrations
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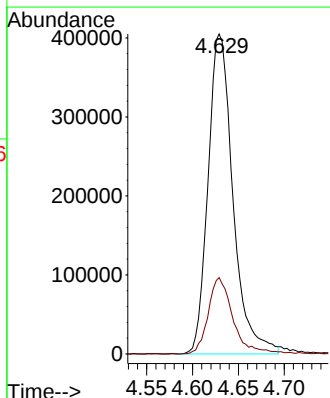
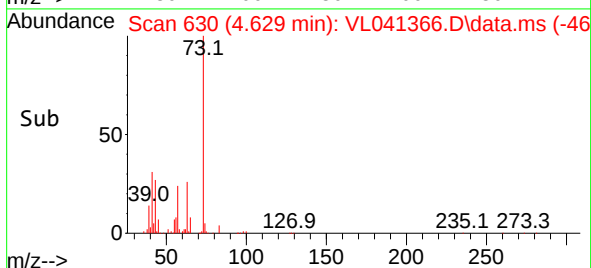
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

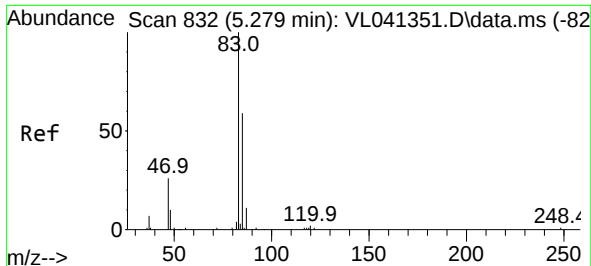


#28
Methyl tert-Butyl Ether
Concen: 8.911 ppbv
RT: 4.629 min Scan# 630
Delta R.T. 0.035 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



Tgt Ion: 73 Resp: 766121
Ion Ratio Lower Upper
73 100
57 24.0 19.9 29.9





#29

Chloroform

Concen: 8.742 ppbv

RT: 5.314 min Scan# 84

Delta R.T. 0.029 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 156339

Ion Ratio Lower Upper

83 100

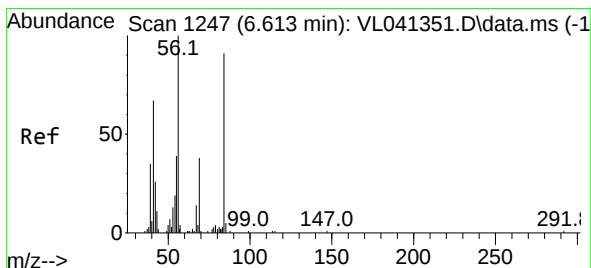
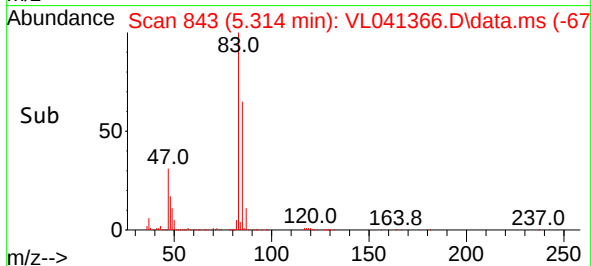
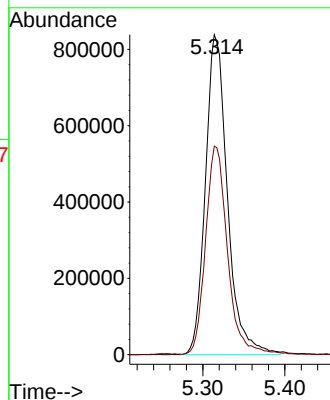
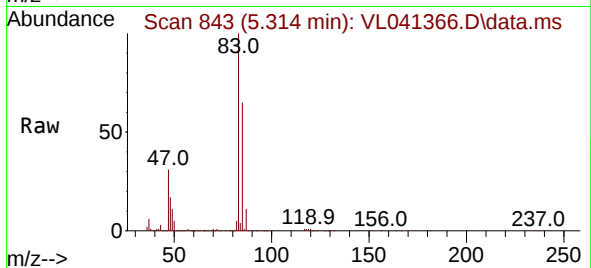
85 64.9 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#30

Cyclohexane

Concen: 9.127 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. 0.026 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

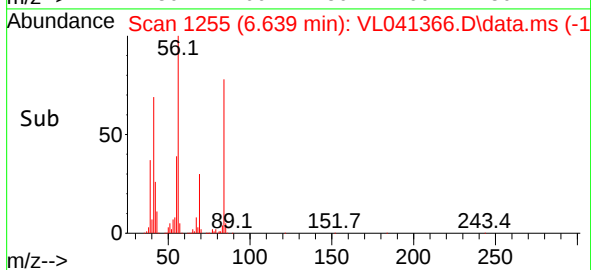
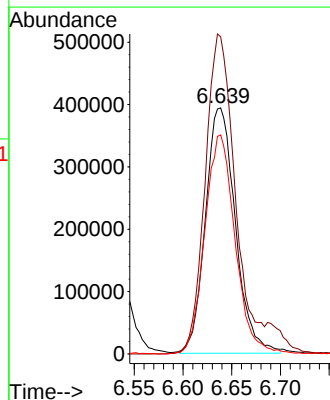
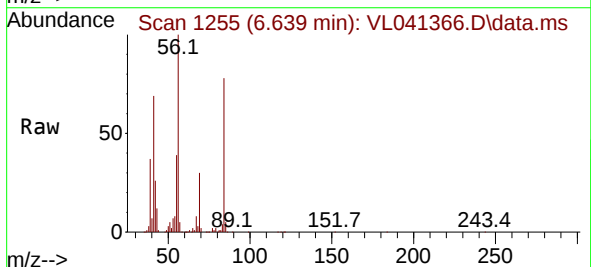
Tgt Ion: 84 Resp: 842834

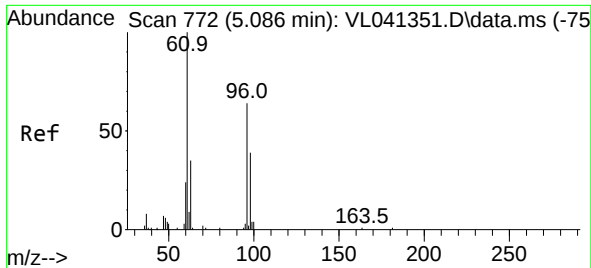
Ion Ratio Lower Upper

84 100

56 137.7 112.4 168.6

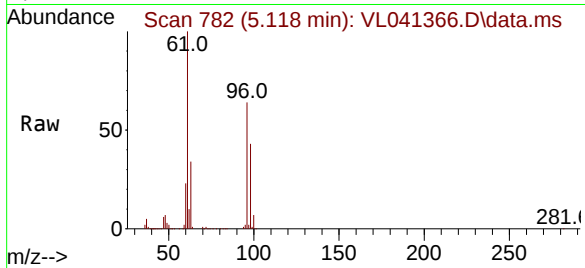
41 90.4 72.7 109.1





#31
 cis-1,2-Dichloroethene
 Concen: 8.969 ppbv
 RT: 5.118 min Scan# 772
 Delta R.T. 0.029 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

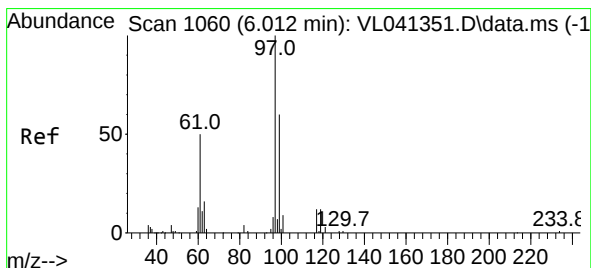
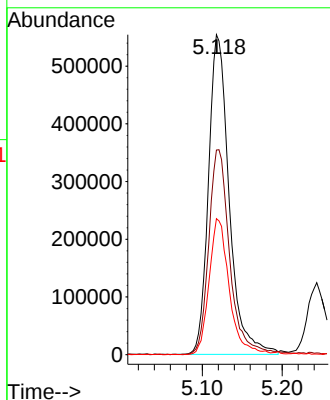
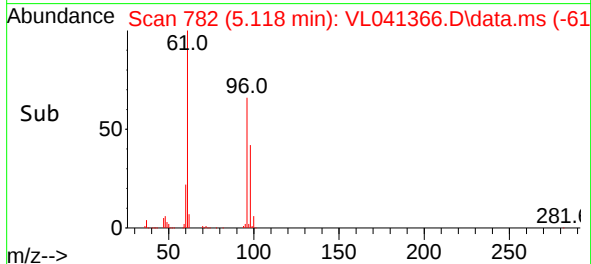
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



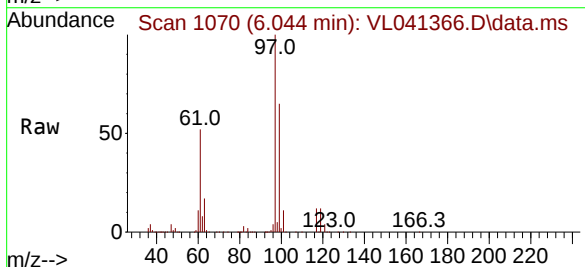
Tgt Ion: 61 Resp: 996678
 Ion Ratio Lower Upper
 61 100
 96 63.9 52.6 79.0
 98 42.5 32.3 48.5

Manual Integrations
 APPROVED

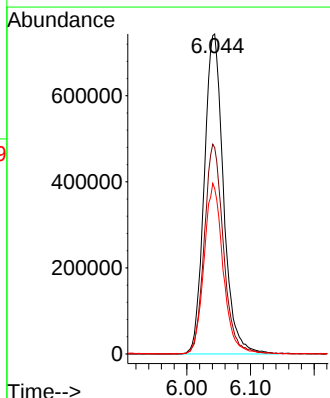
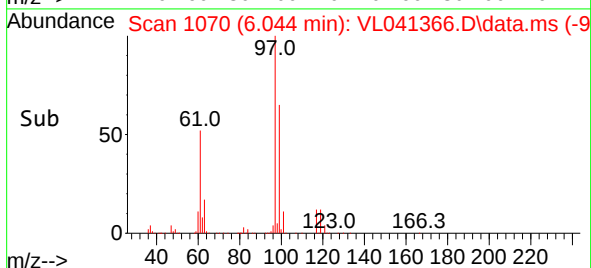
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

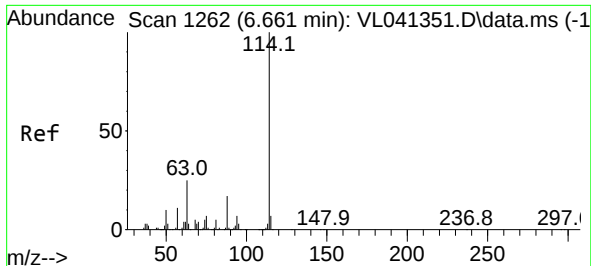


#32
 1,1,1-Trichloroethane
 Concen: 8.325 ppbv
 RT: 6.044 min Scan# 1070
 Delta R.T. 0.029 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54



Tgt Ion: 97 Resp: 1562800
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.0 78.0
 61 52.9 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.690 min Scan# 114

Delta R.T. 0.022 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2843978

Ion Ratio Lower Upper

114 100

63 25.8 20.6 31.0

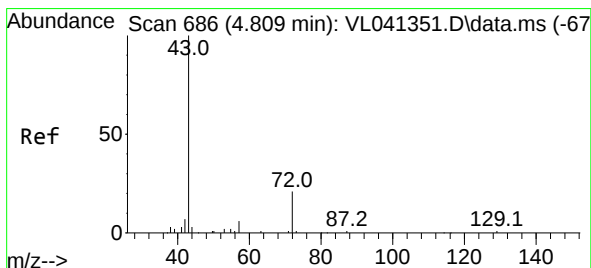
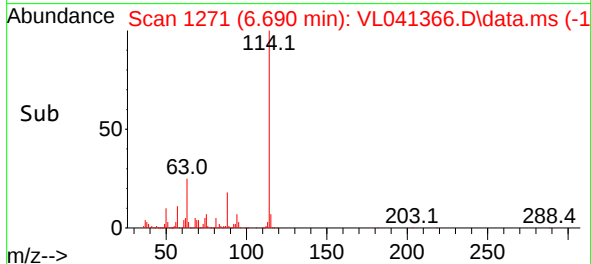
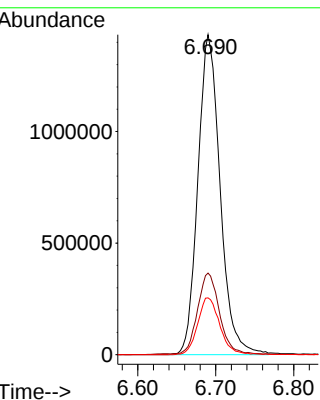
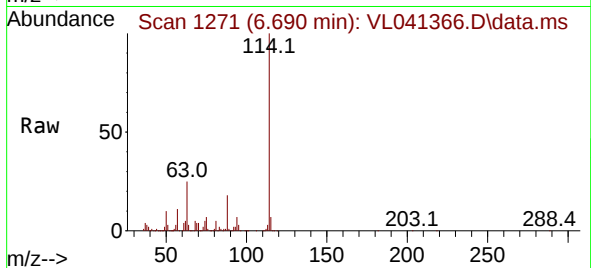
88 17.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#34

2-Butanone

Concen: 9.093 ppbv

RT: 4.828 min Scan# 692

Delta R.T. 0.032 min

Lab File: VL041366.D

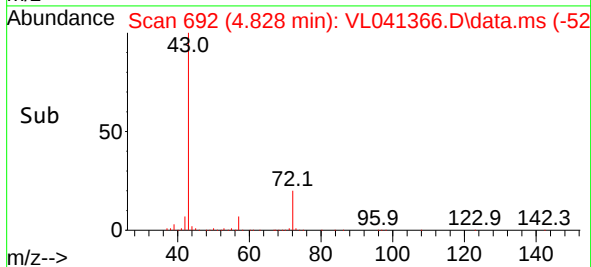
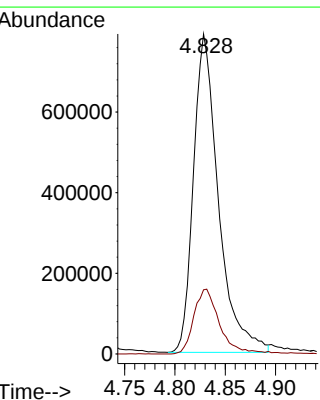
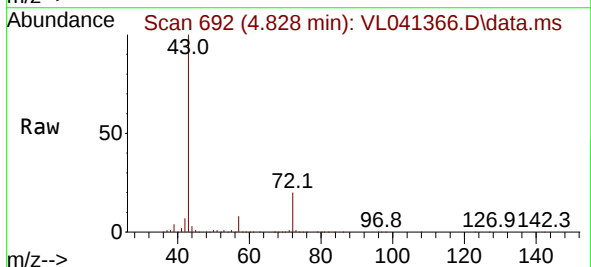
Acq: 26 Jun 2024 19:54

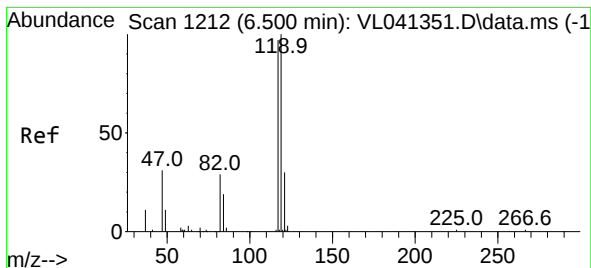
Tgt Ion: 43 Resp: 1364615

Ion Ratio Lower Upper

43 100

72 21.5 17.2 25.8





#35

Carbon Tetrachloride

Concen: 8.695 ppbv

RT: 6.529 min Scan# 1183

Delta R.T. 0.022 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 1633040

Ion Ratio Lower Upper

117 100

119 91.1 77.2 115.8

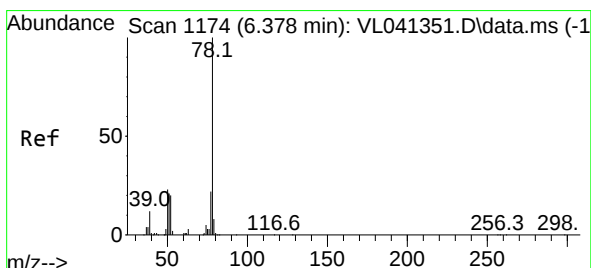
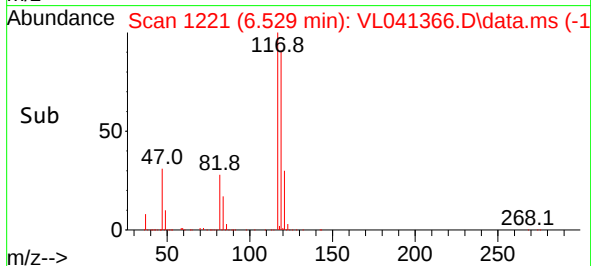
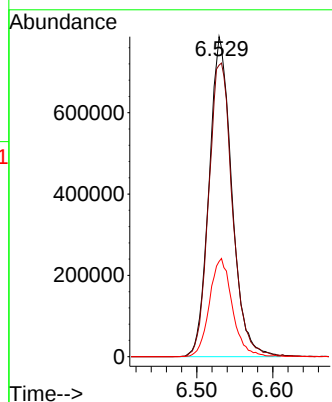
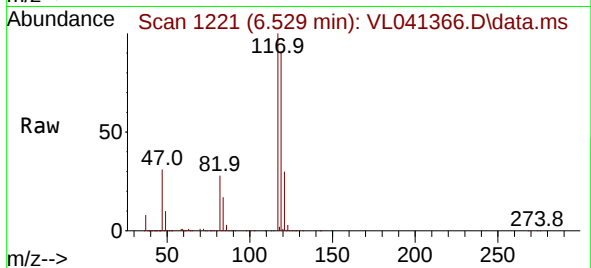
121 29.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#36

Benzene

Concen: 8.888 ppbv

RT: 6.407 min Scan# 1183

Delta R.T. 0.026 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

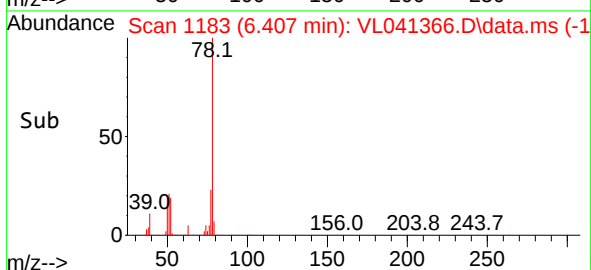
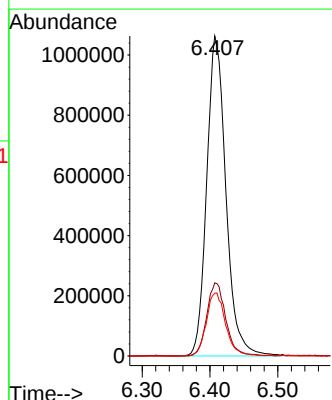
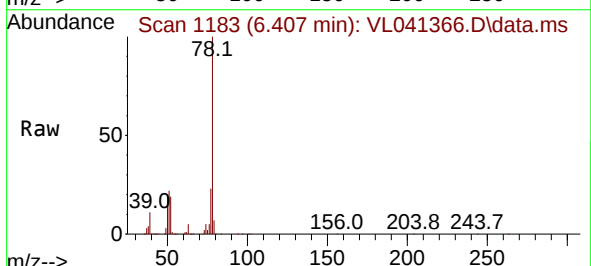
Tgt Ion: 78 Resp: 2092041

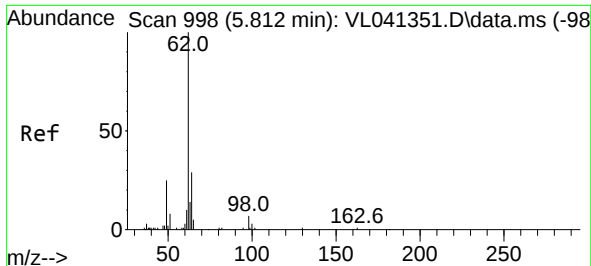
Ion Ratio Lower Upper

78 100

77 22.8 17.9 26.9

50 19.6 15.5 23.3





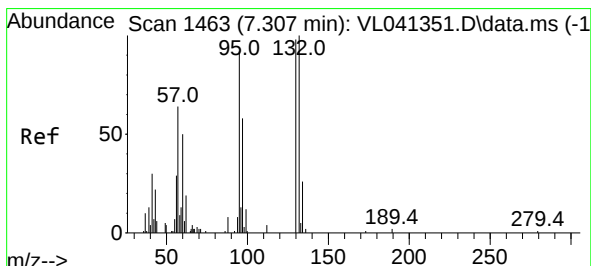
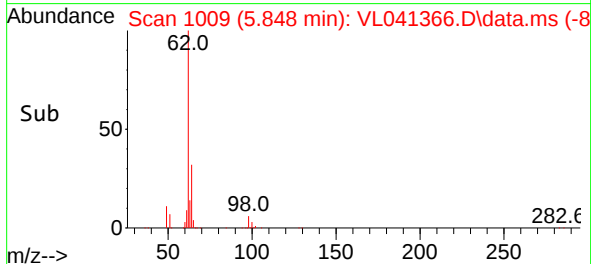
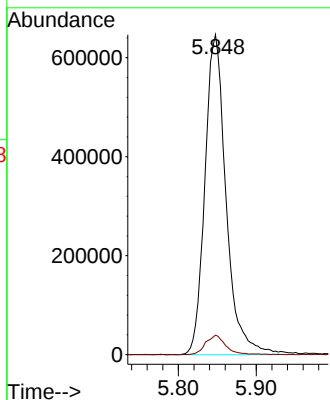
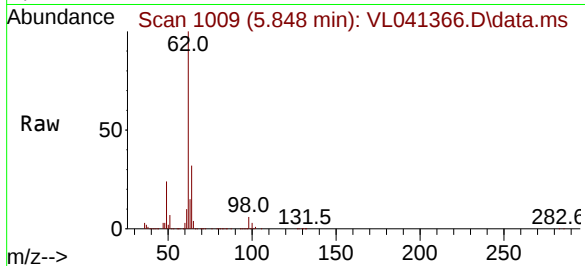
#37
1,2-Dichloroethane
Concen: 9.051 ppbv
RT: 5.848 min Scan# 1009
Delta R.T. 0.029 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1222270
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

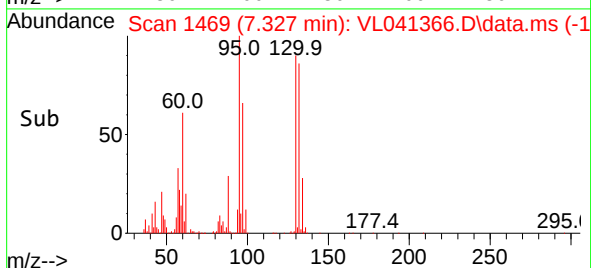
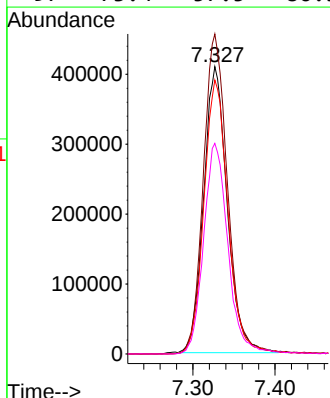
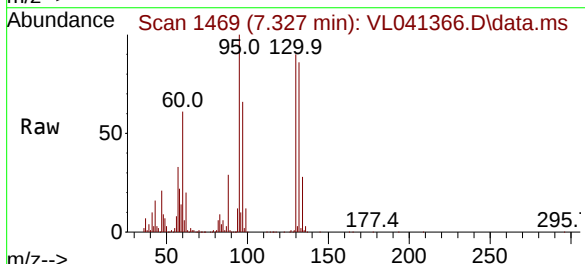
Manual Integrations
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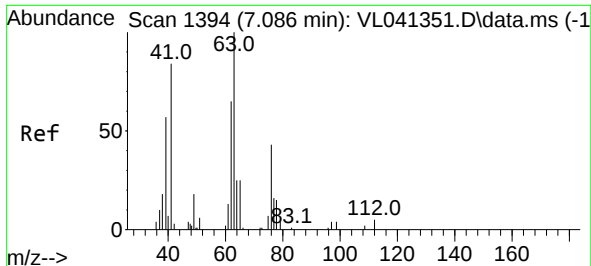
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#38
Trichloroethene
Concen: 7.969 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.019 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion:130 Resp: 817065
Ion Ratio Lower Upper
130 100
95 111.7 90.0 135.0
132 95.4 74.8 112.2
97 73.4 57.5 86.3





#39

1,2-Dichloropropane

Concen: 8.921 ppbv

RT: 7.111 min Scan# 14

Delta R.T. 0.022 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

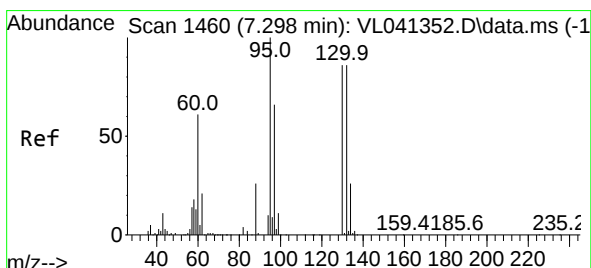
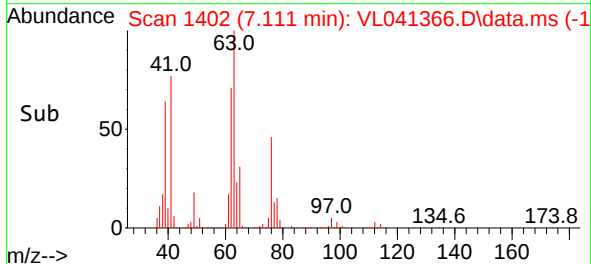
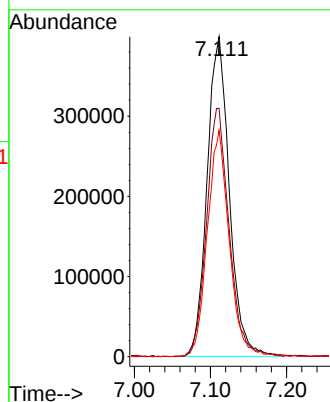
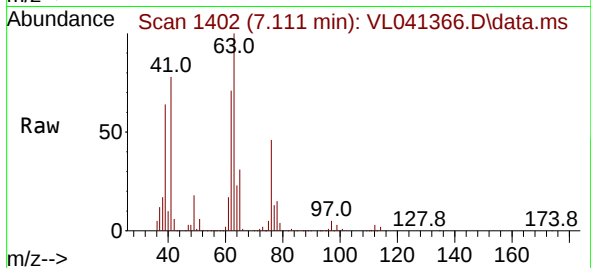
Tgt Ion: 63 Resp: 811392

Ion	Ratio	Lower	Upper
63	100		
41	77.6	64.0	96.0
62	70.5	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#40

1,4-Dioxane

Concen: 11.013 ppbv

RT: 7.320 min Scan# 1467

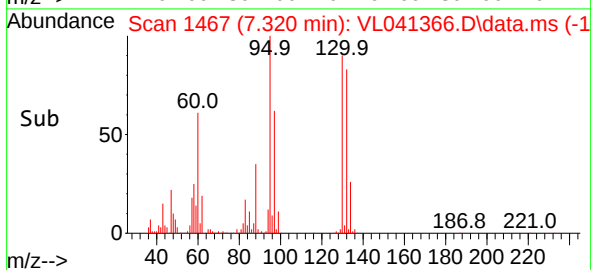
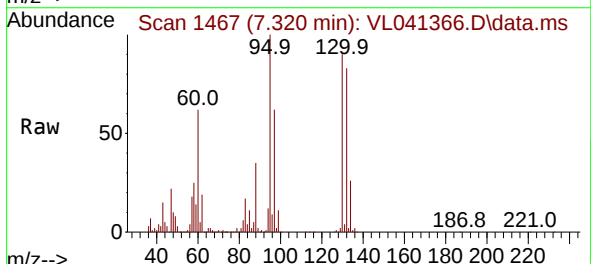
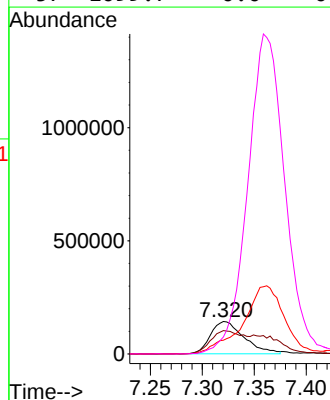
Delta R.T. 0.022 min

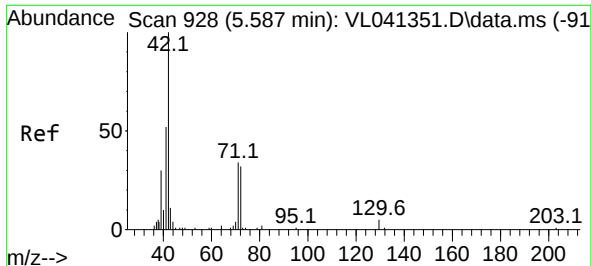
Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Tgt Ion: 88 Resp: 321144

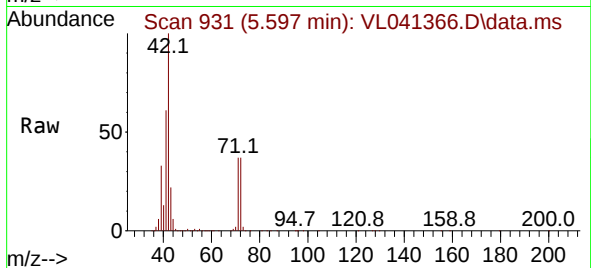
Ion	Ratio	Lower	Upper
88	100		
58	124.5	47.9	71.9#
43	257.9	0.0	0.0#
57	1099.7	0.0	0.0#





#41
Tetrahydrofuran
Concen: 9.072 ppbv
RT: 5.597 min Scan# 91
Delta R.T. 0.032 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

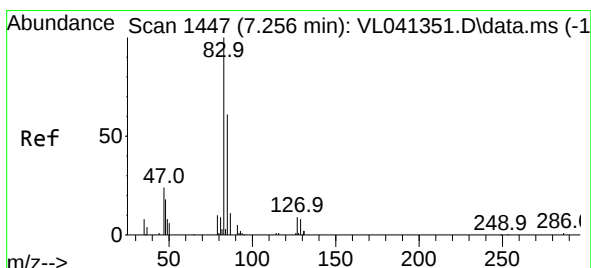
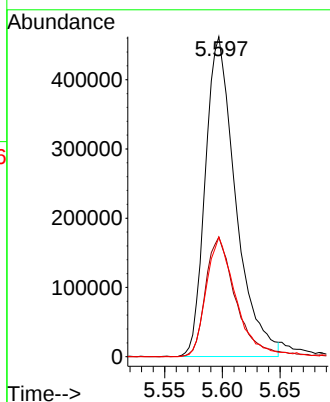
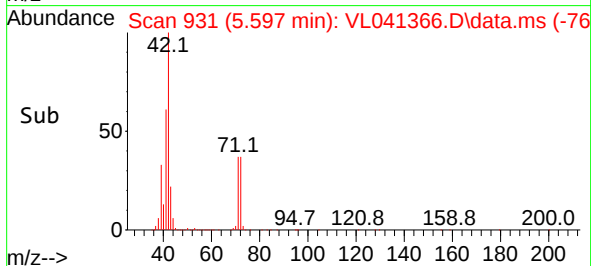
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



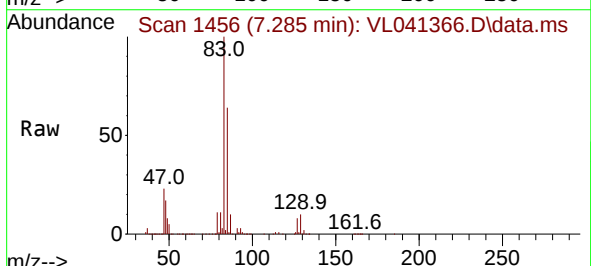
Tgt Ion: 42 Resp: 84330
Ion Ratio Lower Upper
42 100
72 38.2 30.3 45.5
71 37.6 29.7 44.5

Manual Integrations
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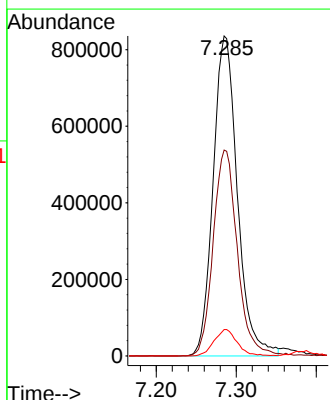
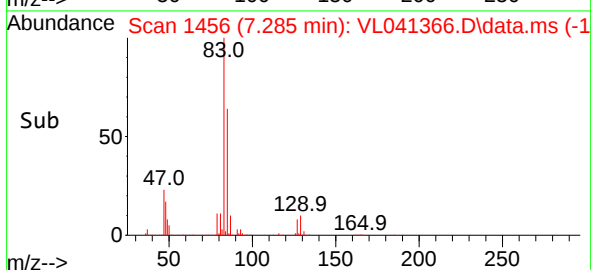
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

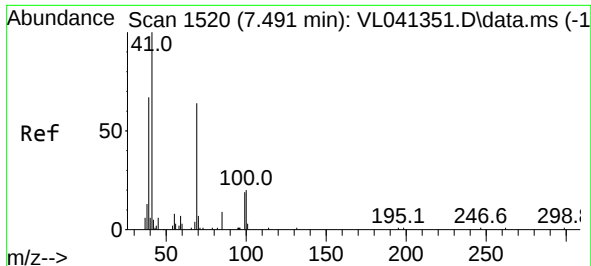


#42
Bromodichloromethane
Concen: 9.311 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.019 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



Tgt Ion: 83 Resp: 1759461
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0
127 8.2 6.0 9.0





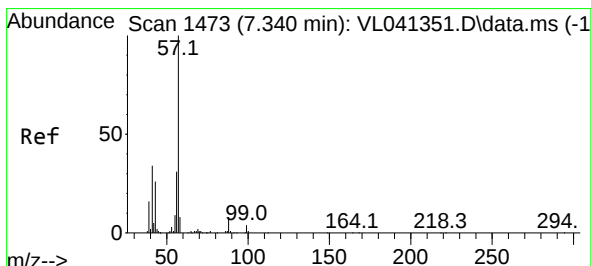
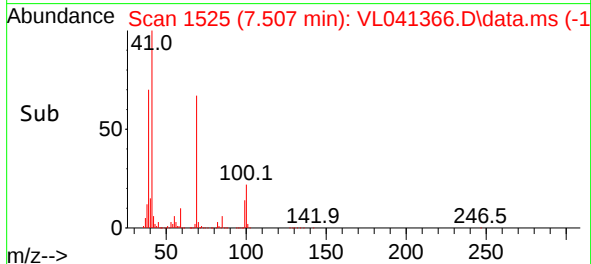
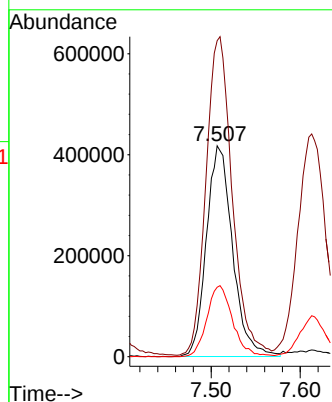
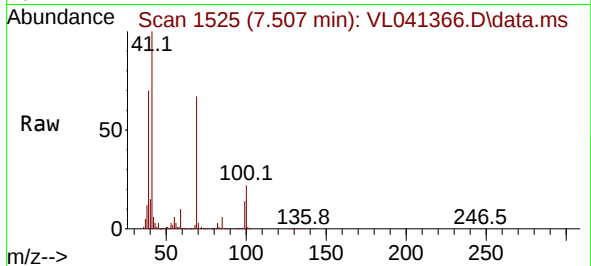
#43
Methyl Methacrylate
Concen: 9.598 ppbv
RT: 7.507 min Scan# 1525
Delta R.T. 0.019 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 848774
Ion Ratio Lower Upper
69 100
41 153.4 125.0 187.6
100 33.3 26.8 40.2

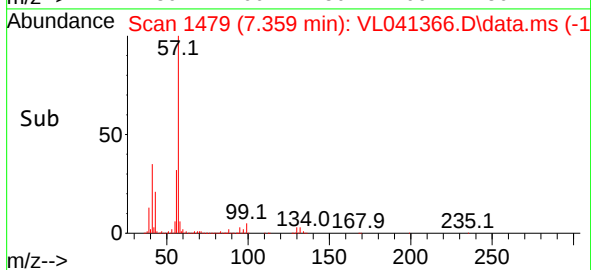
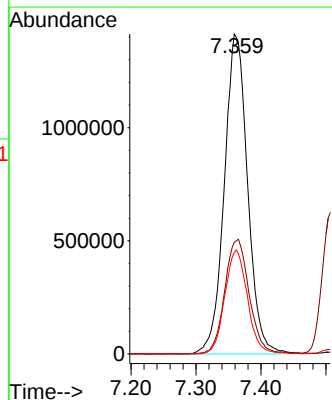
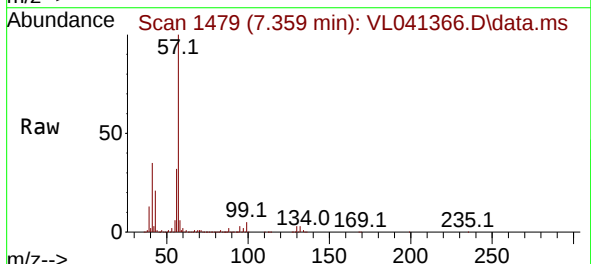
Manual Integrations
APPROVED

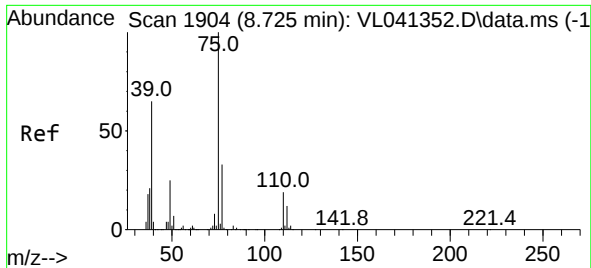
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#44
2,2,4-Trimethylpentane
Concen: 8.786 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.019 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion: 57 Resp: 3514372
Ion Ratio Lower Upper
57 100
41 37.8 29.6 44.4
56 31.7 25.7 38.5





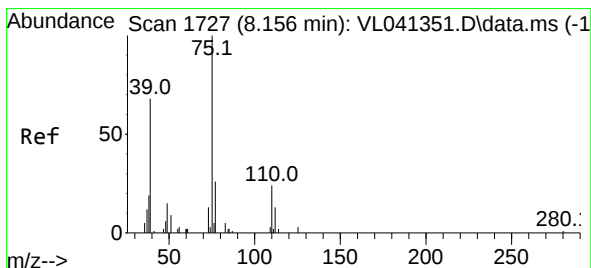
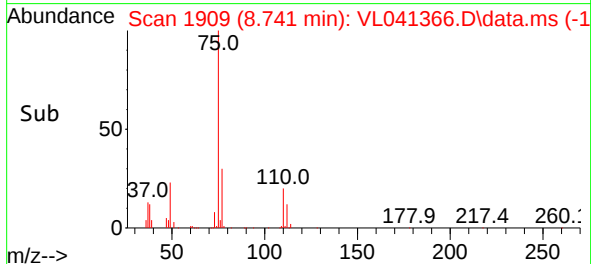
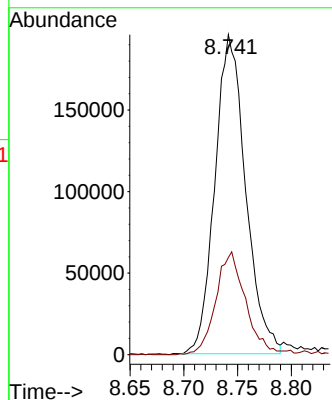
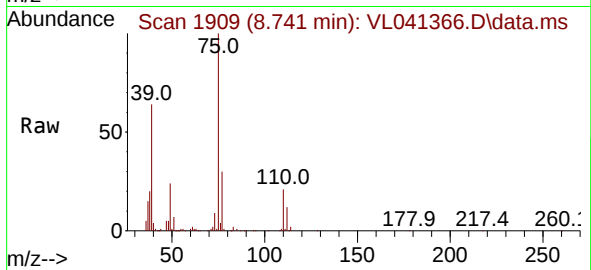
#45
t-1,3-Dichloropropene
Concen: 6.954 ppbv
RT: 8.741 min Scan# 1733
Delta R.T. 0.016 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 38917
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.2

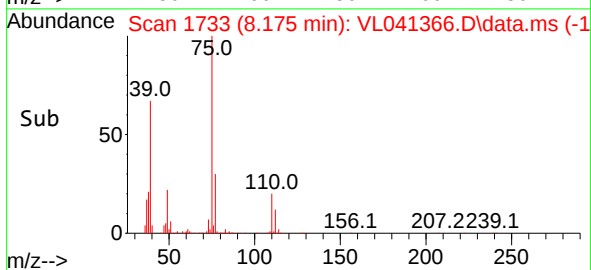
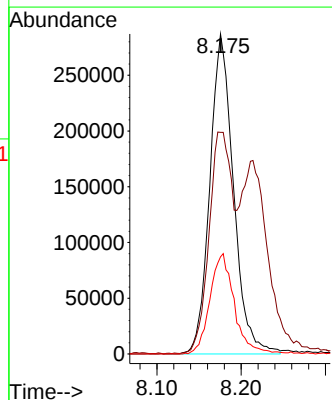
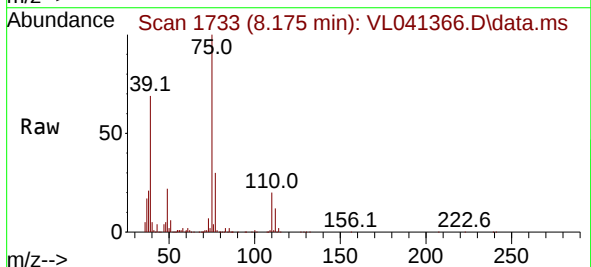
Manual Integrations
APPROVED

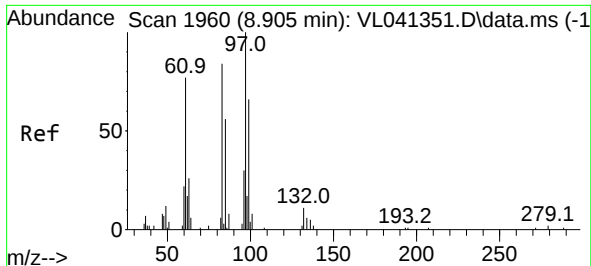
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#46
cis-1,3-Dichloropropene
Concen: 7.438 ppbv
RT: 8.175 min Scan# 1733
Delta R.T. 0.016 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion: 75 Resp: 559700
Ion Ratio Lower Upper
75 100
39 69.1 56.6 85.0
77 30.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 8.814 ppbv

RT: 8.928 min Scan# 1960

Delta R.T. 0.016 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 859890

Ion Ratio Lower Upper

97 100

83 87.6 72.4 108.6

85 57.5 42.6 64.0

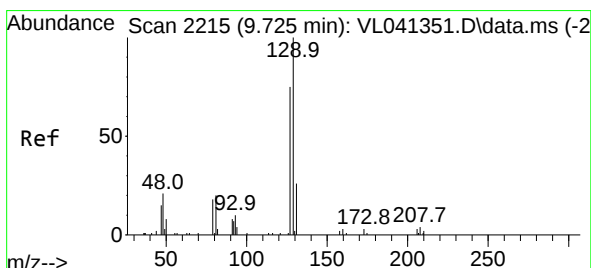
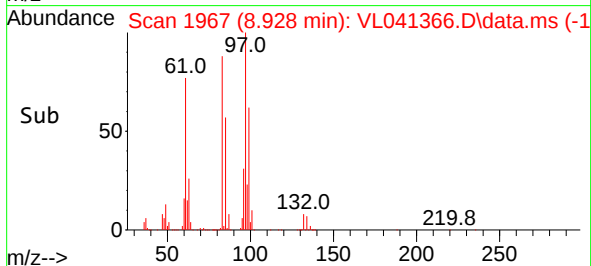
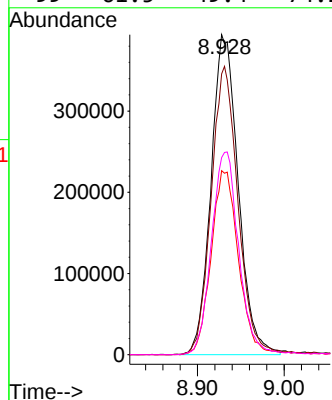
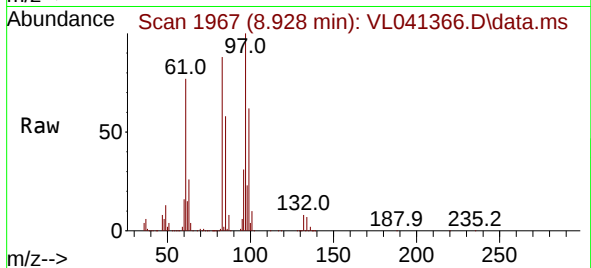
99 61.5 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#48

Dibromochloromethane

Concen: 9.460 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VL041366.D

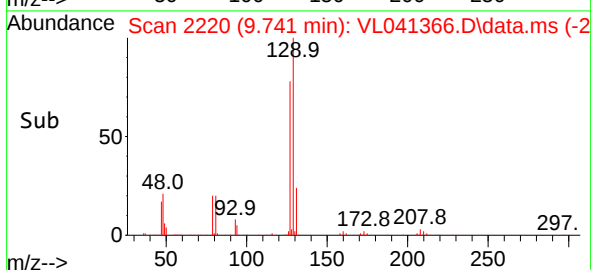
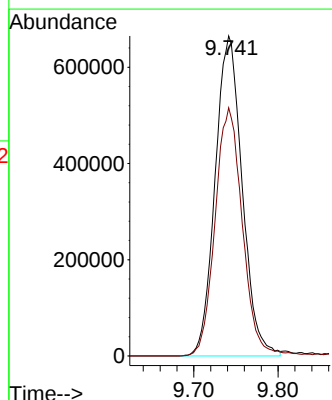
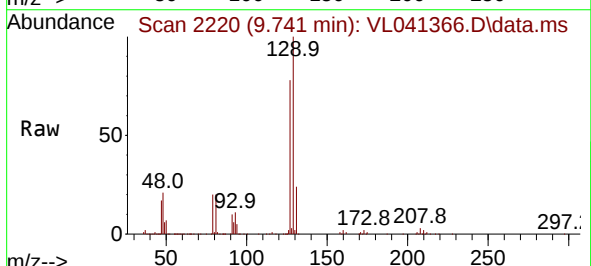
Acq: 26 Jun 2024 19:54

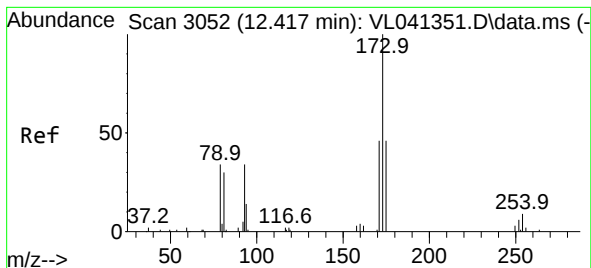
Tgt Ion:129 Resp: 1482053

Ion Ratio Lower Upper

129 100

127 78.4 39.9 119.7





#49

Bromoform

Concen: 10.081 ppbv

RT: 12.433 min Scan# 3052

Delta R.T. 0.010 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 125775

Ion Ratio Lower Upper

173 100

175 49.7 40.3 60.5

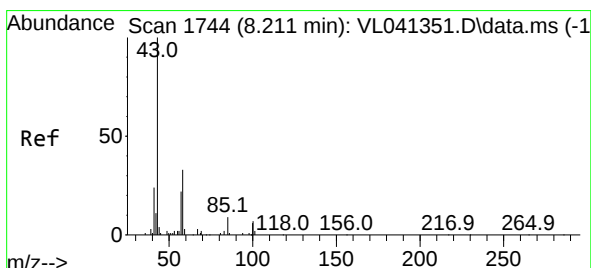
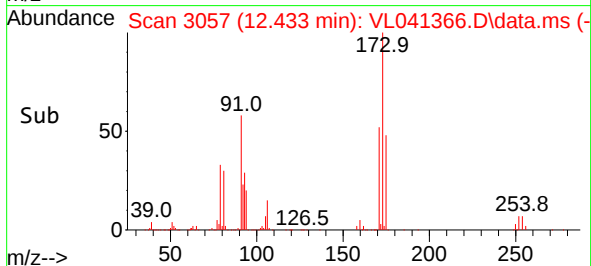
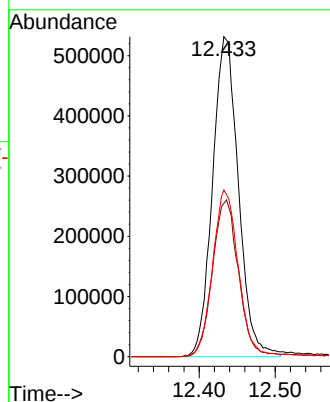
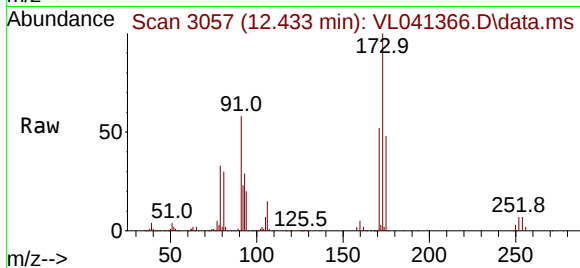
171 52.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#50

4-Methyl-2-Pentanone

Concen: 9.189 ppbv

RT: 8.214 min Scan# 1745

Delta R.T. 0.019 min

Lab File: VL041366.D

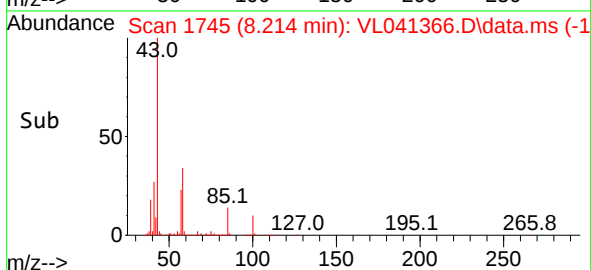
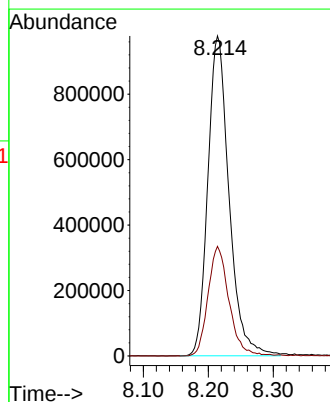
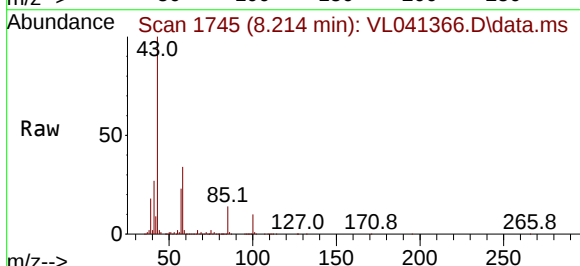
Acq: 26 Jun 2024 19:54

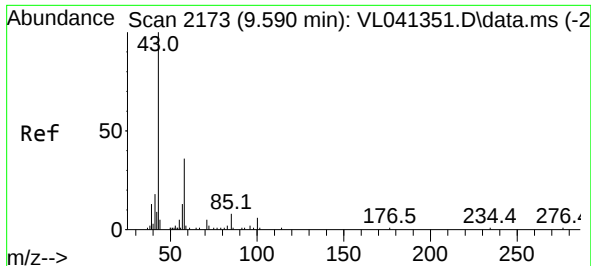
Tgt Ion: 43 Resp: 2214504

Ion Ratio Lower Upper

43 100

58 34.2 27.8 41.8





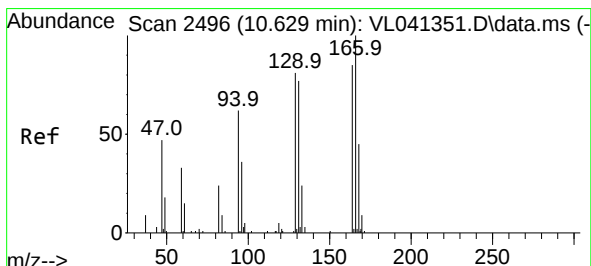
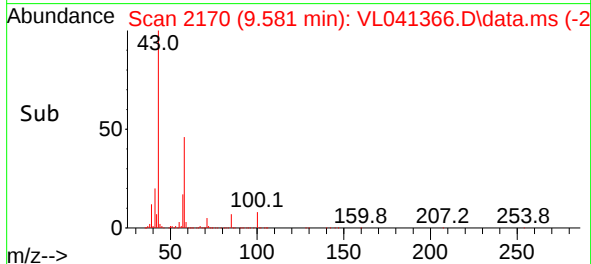
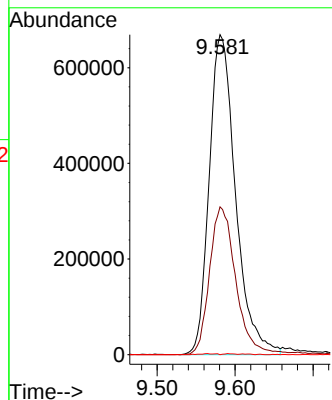
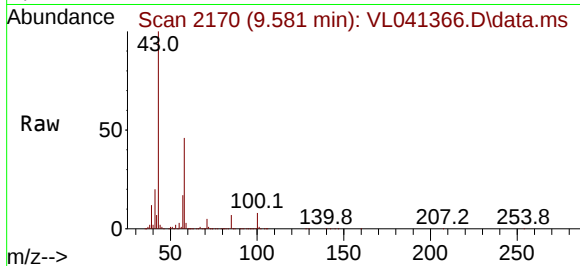
#51
2-Hexanone
Concen: 9.190 ppbv
RT: 9.581 min Scan# 2173
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1574290
Ion Ratio Lower Upper
43 100
58 46.5 38.0 57.0
98 0.3 0.2 0.2

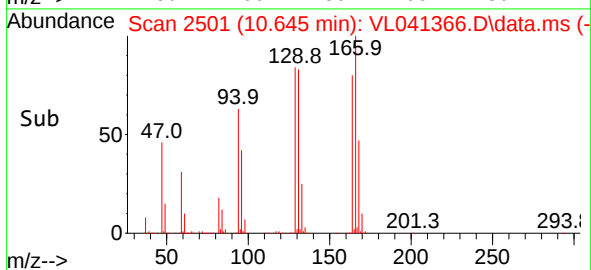
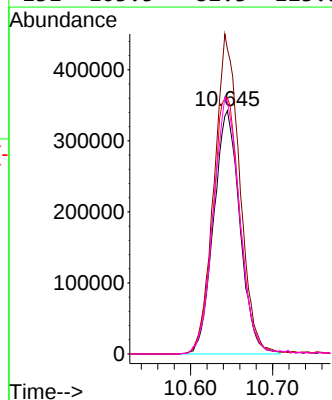
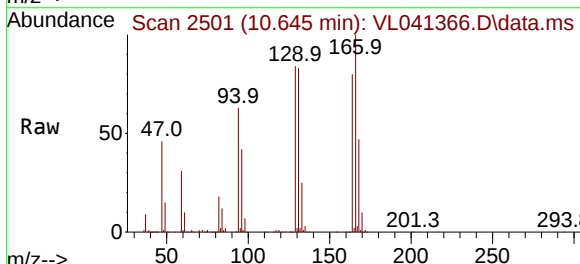
Manual Integrations
APPROVED

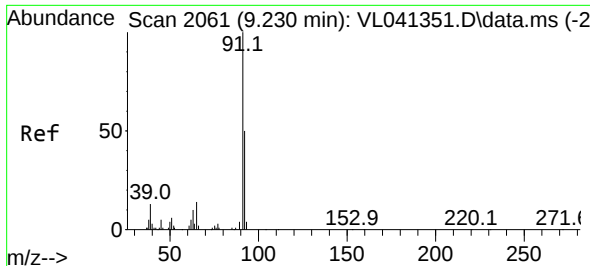
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#52
Tetrachloroethene
Concen: 8.047 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion:164 Resp: 760551
Ion Ratio Lower Upper
164 100
166 125.2 99.8 149.8
129 105.3 83.8 125.6
131 103.5 82.3 123.5





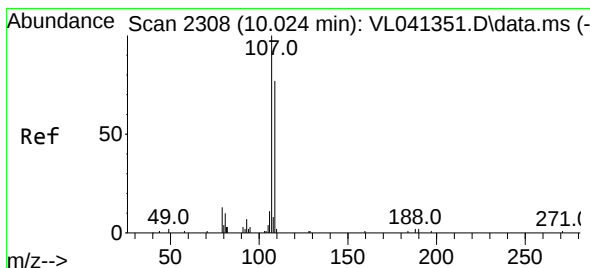
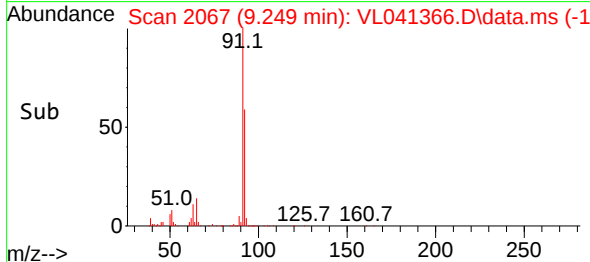
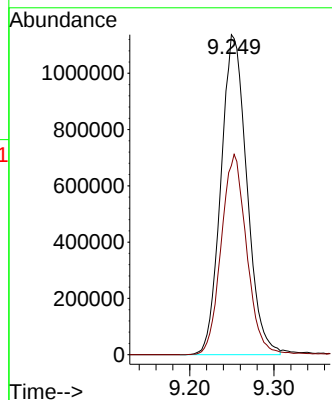
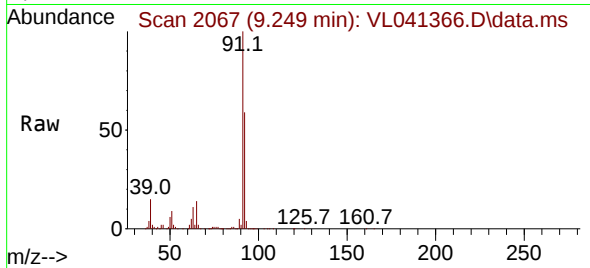
#53
Toluene
Concen: 9.140 ppbv
RT: 9.249 min Scan# 2061
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 242641
Ion Ratio Lower Upper
91 100
92 61.9 48.5 72.7

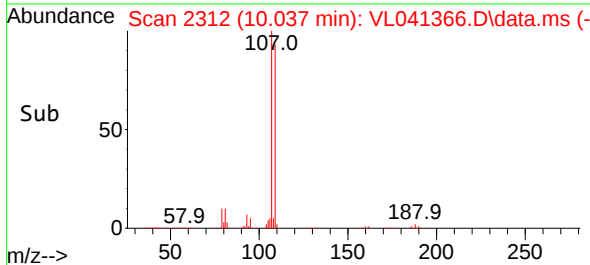
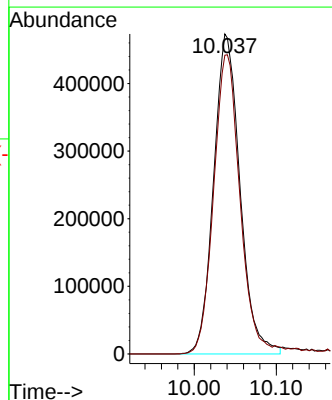
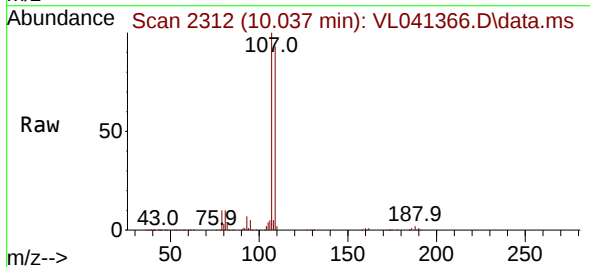
Manual Integrations
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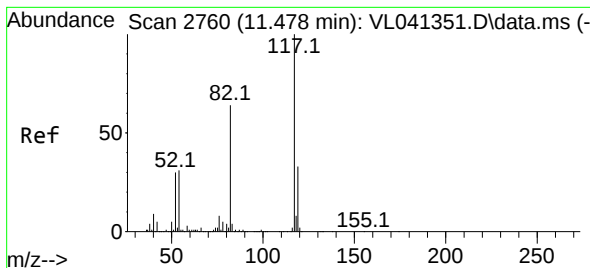
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#54
1,2-Dibromoethane
Concen: 8.732 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.010 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

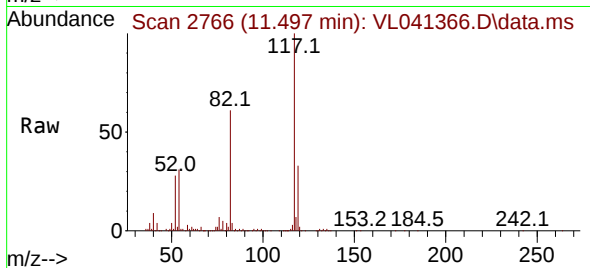
Tgt Ion:107 Resp: 1054217
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

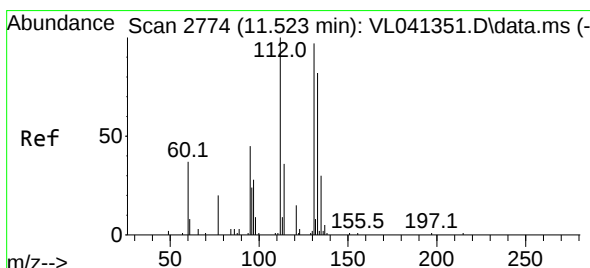
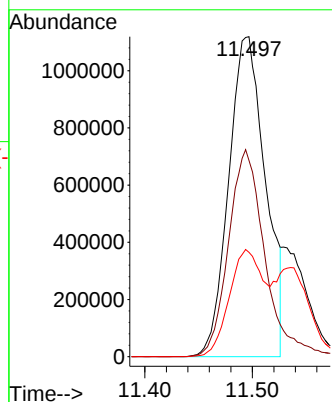
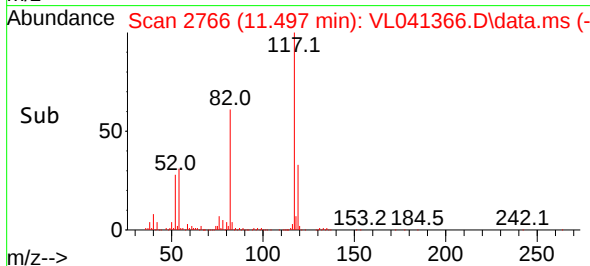
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



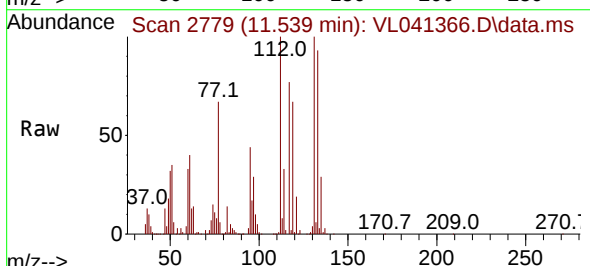
Tgt Ion:117 Resp: 2658280
Ion Ratio Lower Upper
117 100
82 65.6 50.6 75.8
119 29.7 24.7 37.1

Manual Integrations
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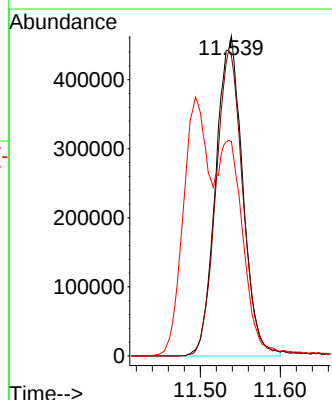
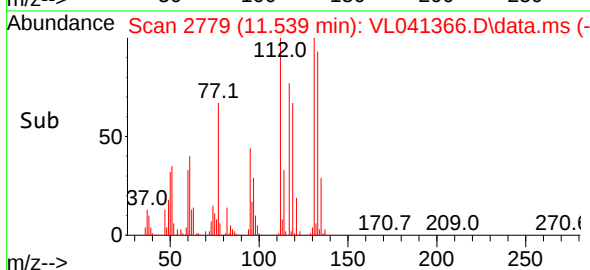
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

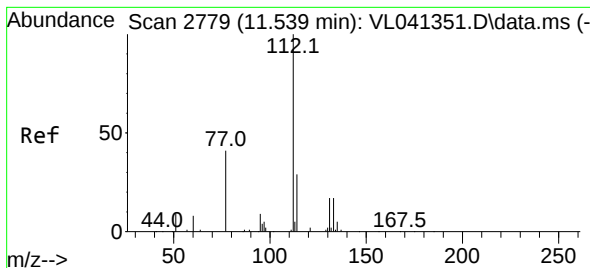


#56
1,1,1,2-Tetrachloroethane
Concen: 9.031 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



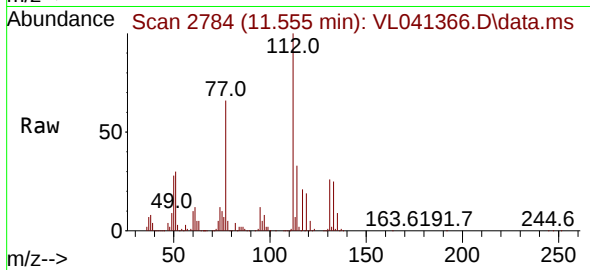
Tgt Ion:131 Resp: 1080236
Ion Ratio Lower Upper
131 100
133 97.5 76.8 115.2
119 61.7 49.4 74.0





#57
Chlorobenzene
Concen: 8.982 ppbv
RT: 11.555 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

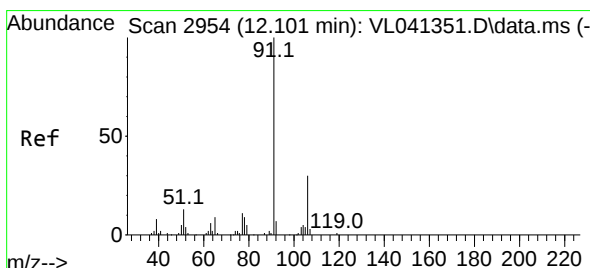
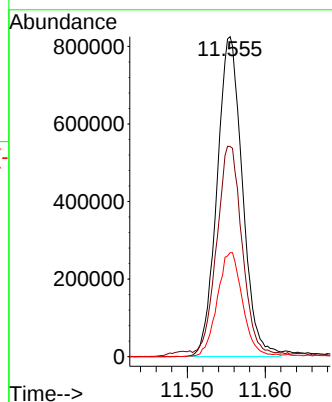
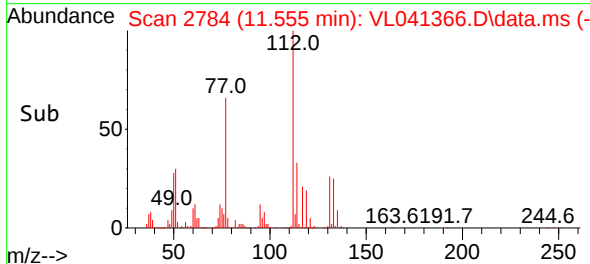
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 187304
Ion Ratio Lower Upper
112 100
77 64.5 53.2 79.8
114 32.5 30.1 36.7

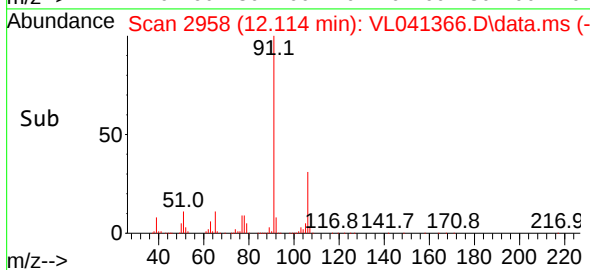
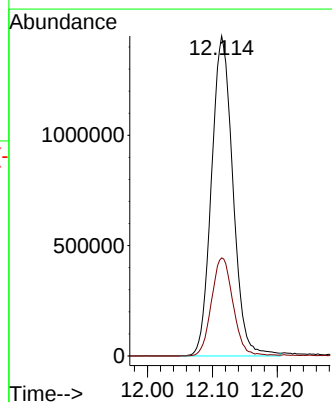
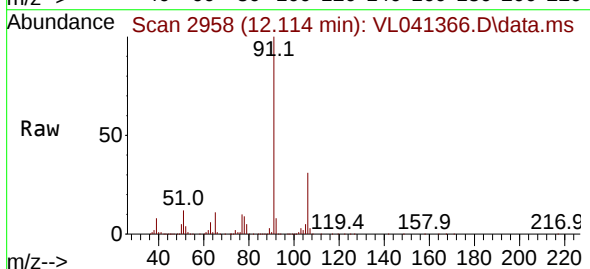
Manual Integrations
APPROVED

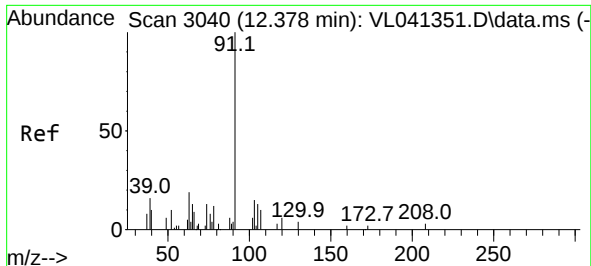
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#58
Ethyl Benzene
Concen: 9.342 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.010 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion: 91 Resp: 3322438
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0





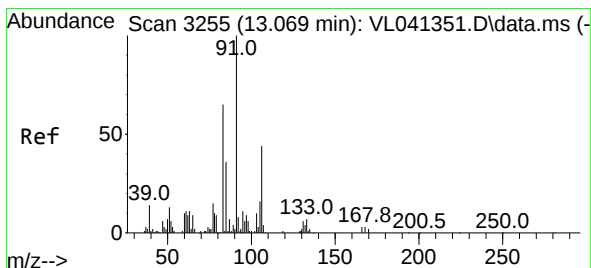
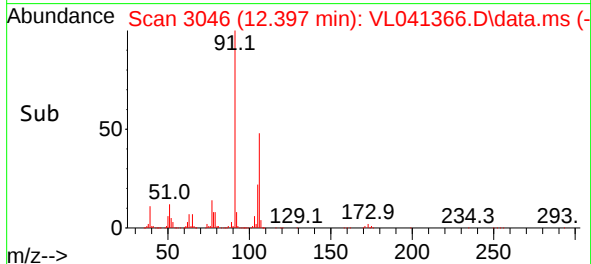
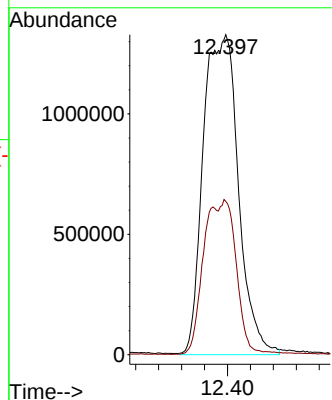
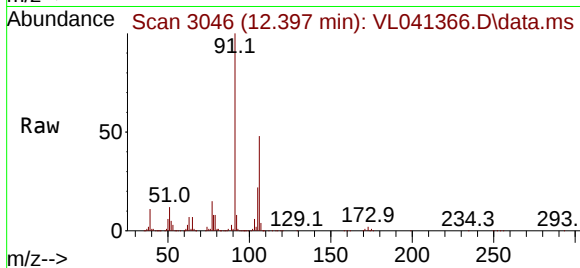
#59
m/p-Xylene
Concen: 18.362 ppbv m
RT: 12.397 min Scan# 3046
Delta R.T. 0.013 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5651799
Ion Ratio Lower Upper
91 100
106 45.4 35.6 53.4

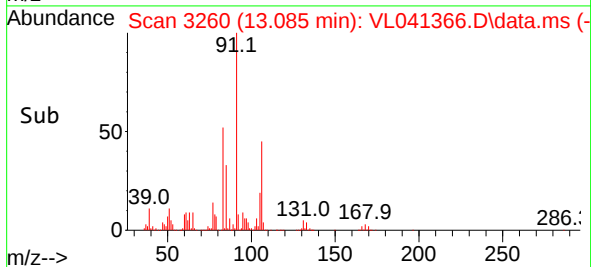
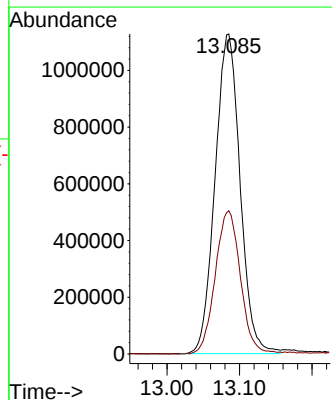
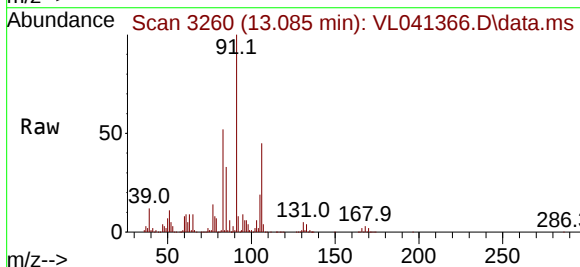
Manual Integrations
APPROVED

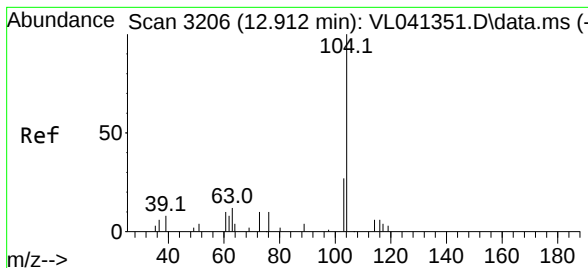
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#60
o-Xylene
Concen: 9.308 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.010 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

Tgt Ion: 91 Resp: 2703895
Ion Ratio Lower Upper
91 100
106 45.4 23.3 69.8





#61

Styrene

Concen: 9.979 ppbv

RT: 12.921 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 140772

Ion Ratio Lower Upper

104 100

78 52.0 40.6 61.0

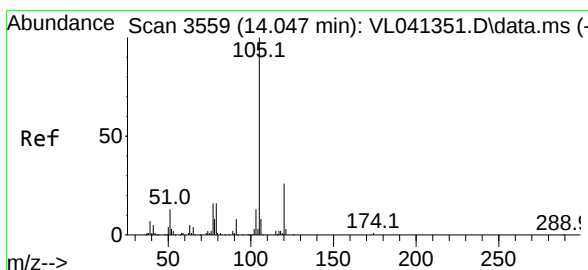
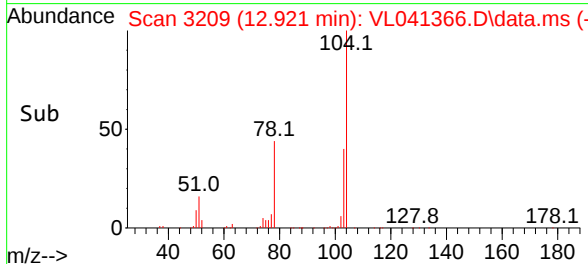
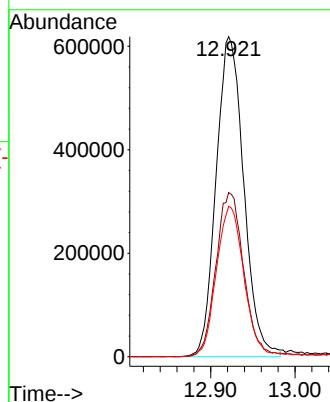
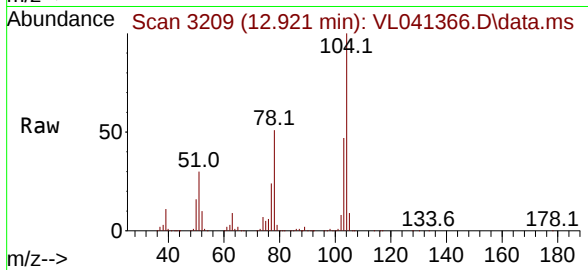
103 47.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#62

Isopropylbenzene

Concen: 9.060 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.010 min

Lab File: VL041366.D

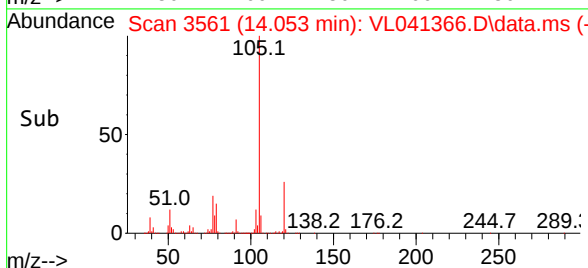
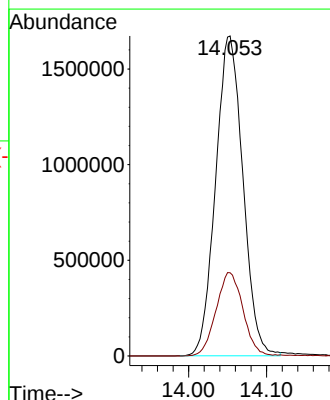
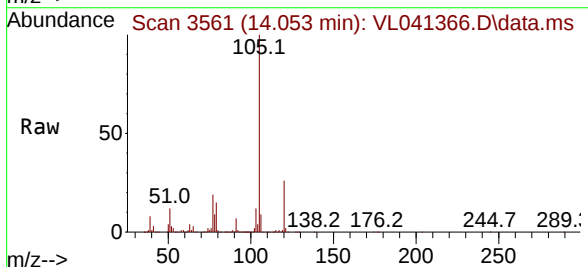
Acq: 26 Jun 2024 19:54

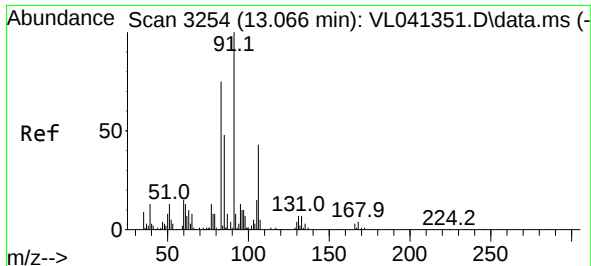
Tgt Ion:105 Resp: 4062942

Ion Ratio Lower Upper

105 100

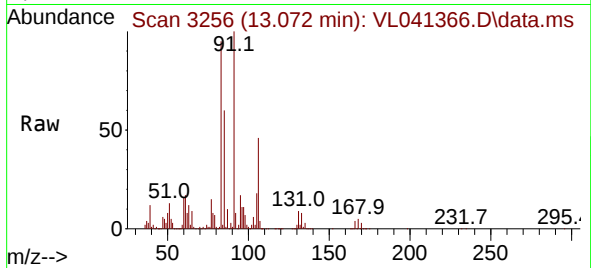
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 8.467 ppbv
RT: 13.072 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

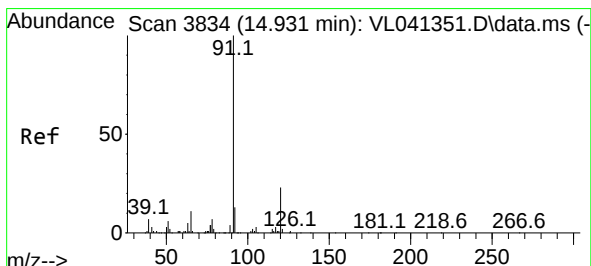
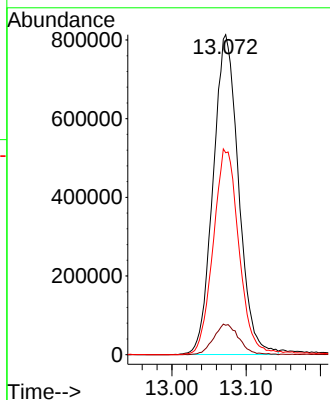
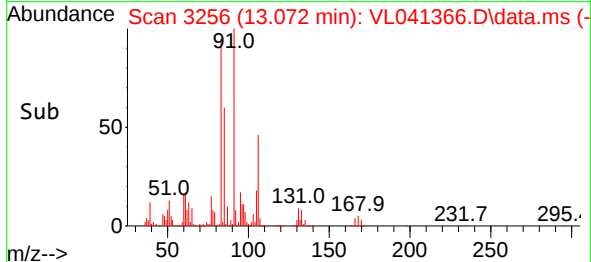
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



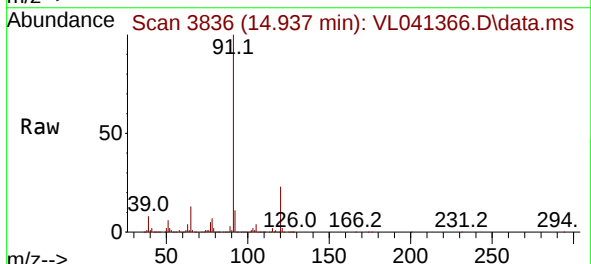
Tgt Ion: 83 Resp: 1937762
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 66.2 33.0 98.9

Manual Integrations
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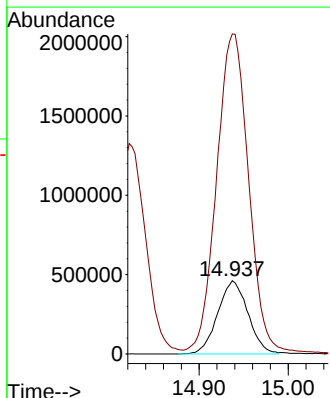
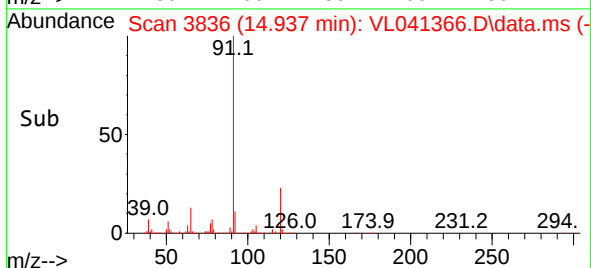
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

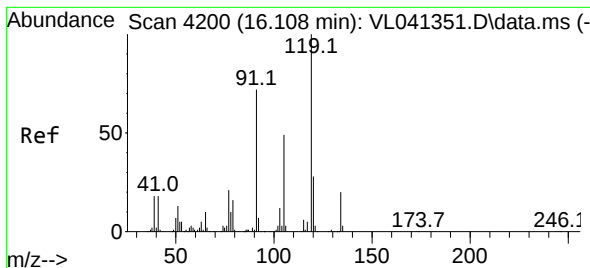


#64
n-propylbenzene
Concen: 9.275 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



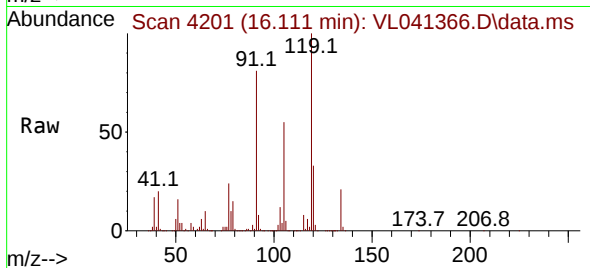
Tgt Ion:120 Resp: 1085806
Ion Ratio Lower Upper
120 100
91 468.3 378.4 567.6





#65
tert-Butylbenzene
Concen: 9.092 ppbv
RT: 16.111 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

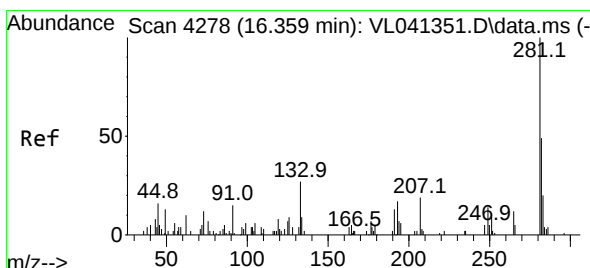
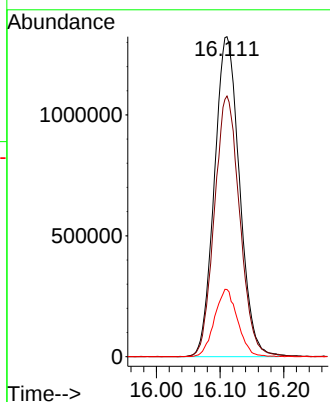
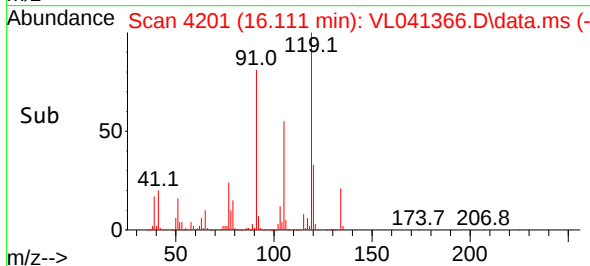
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



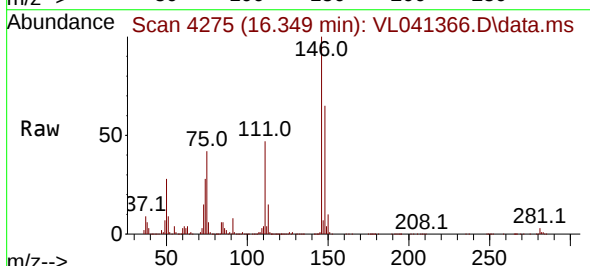
Tgt Ion:119 Resp: 363068
Ion Ratio Lower Upper
119 100
91 82.1 65.8 98.6
134 19.5 15.7 23.5

Manual Integrations
APPROVED

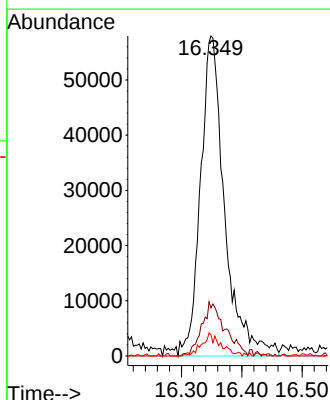
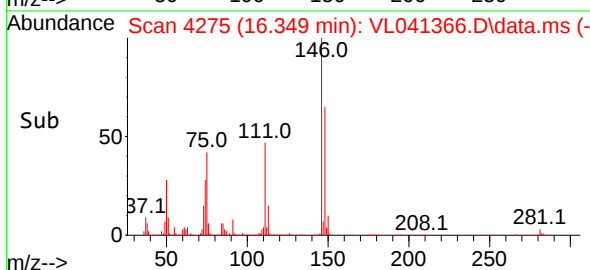
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

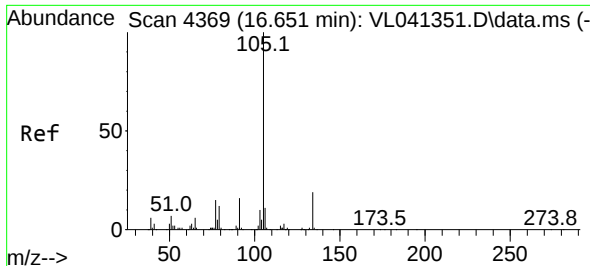


#66
Benzyl Chloride
Concen: 6.140 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



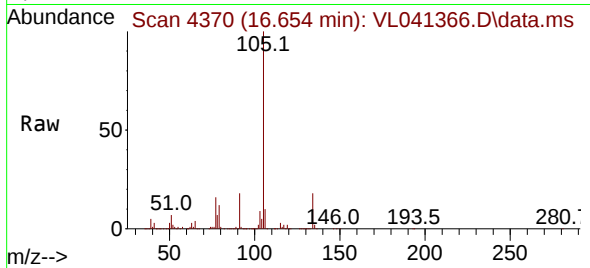
Tgt Ion: 91 Resp: 161095
Ion Ratio Lower Upper
91 100
126 16.6 15.4 23.0
128 5.8 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 9.209 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

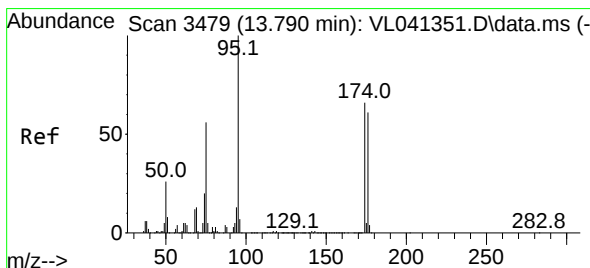
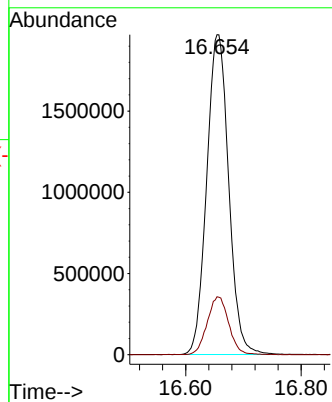
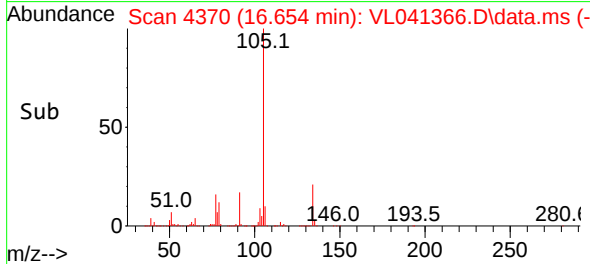
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 520116
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.2

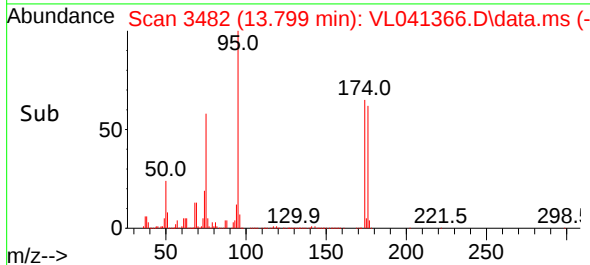
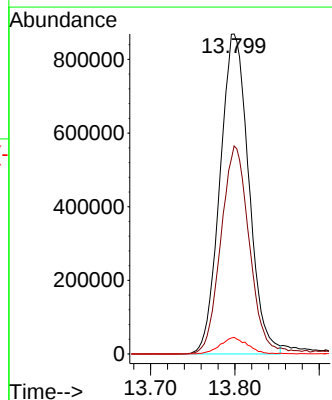
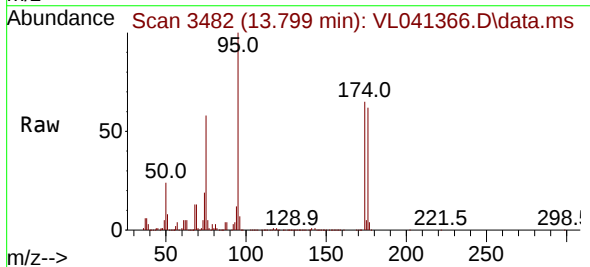
Manual Integrations
 APPROVED

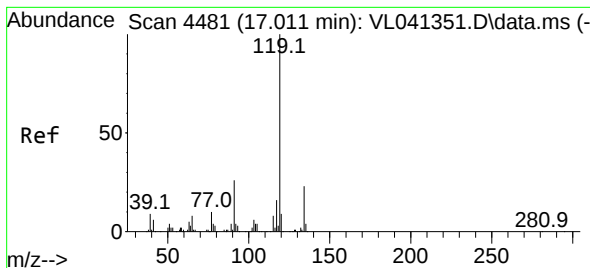
Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.334 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.006 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

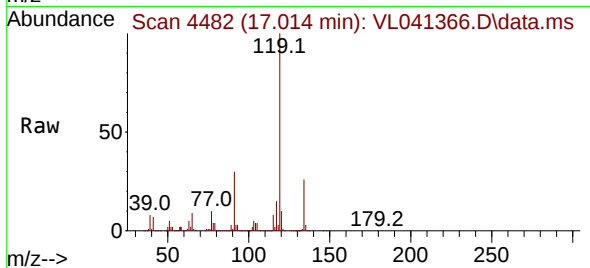
Tgt Ion: 95 Resp: 2058941
 Ion Ratio Lower Upper
 95 100
 174 65.8 53.1 79.7
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.354 ppbv
RT: 17.014 min Scan# 4481
Delta R.T. -0.000 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

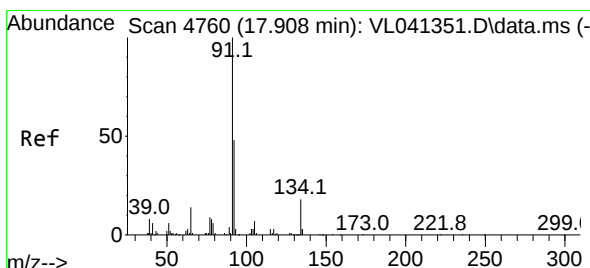
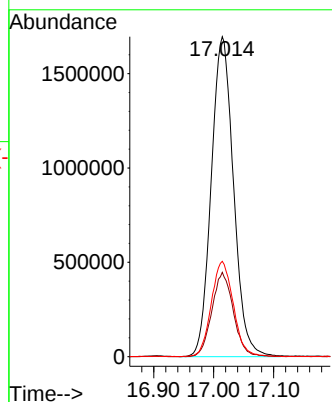
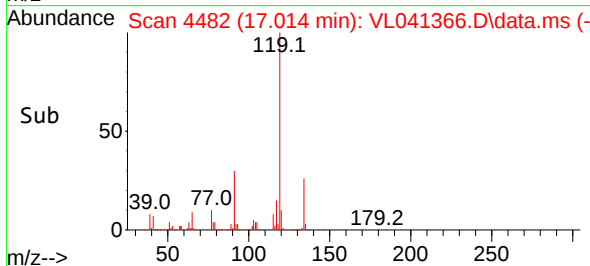
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



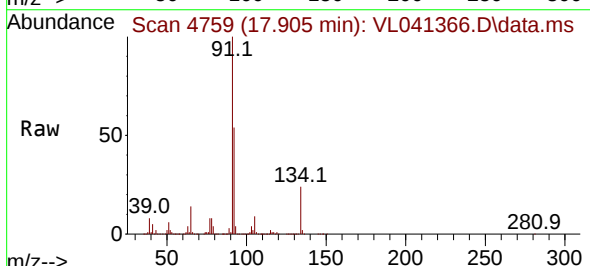
Tgt Ion:119 Resp: 4362880
Ion Ratio Lower Upper
119 100
134 25.5 20.0 30.0
91 29.5 23.7 35.5

Manual Integrations
APPROVED

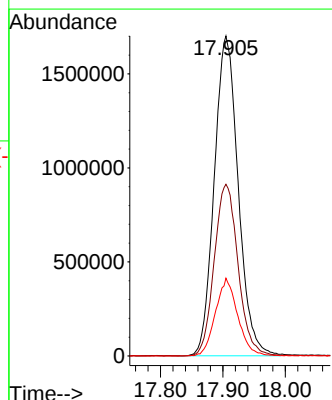
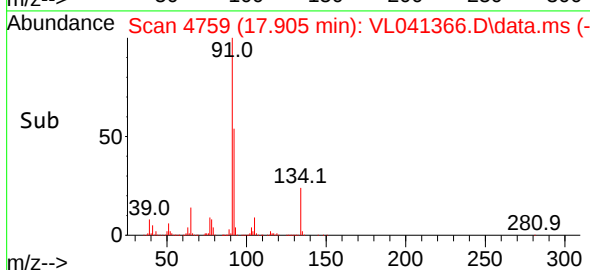
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

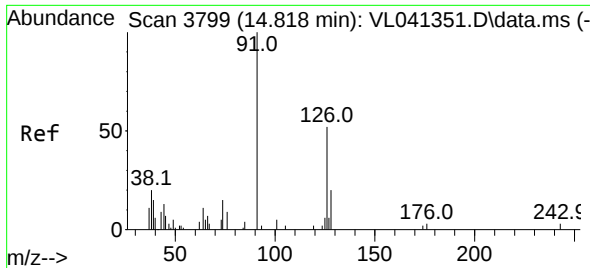


#70
n-Butylbenzene
Concen: 9.518 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.003 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



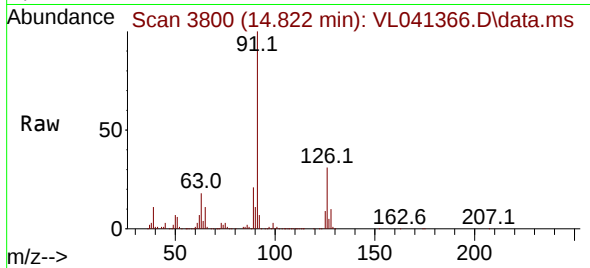
Tgt Ion: 91 Resp: 4538115
Ion Ratio Lower Upper
91 100
92 53.6 43.0 64.6
134 22.7 18.0 27.0





#71
2-Chlorotoluene
Concen: 9.472 ppbv
RT: 14.822 min Scan# 3799
Delta R.T. 0.003 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

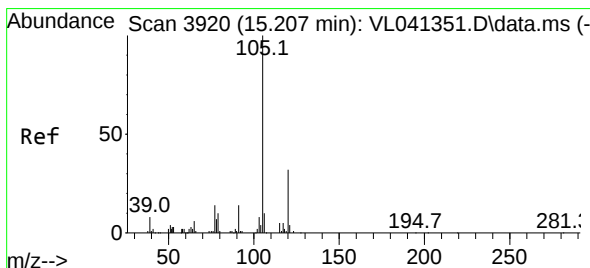
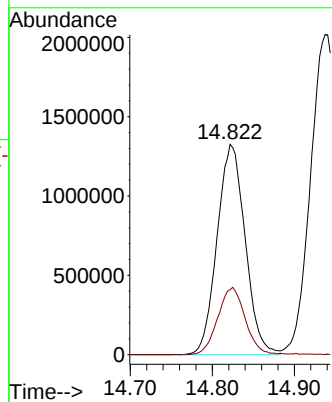
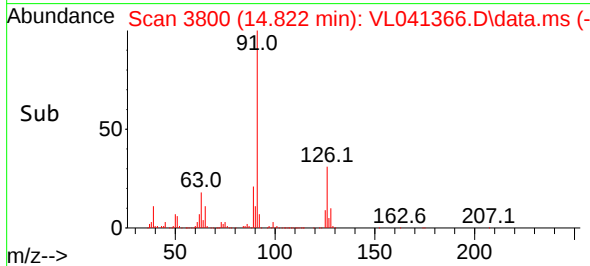
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



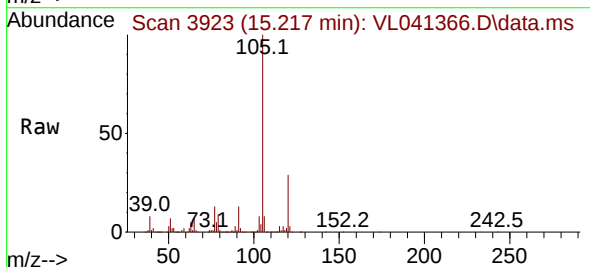
Tgt Ion: 91 Resp: 315549
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.7

Manual Integrations
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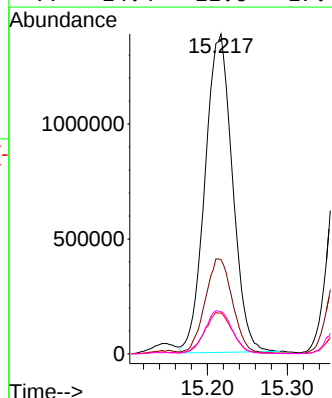
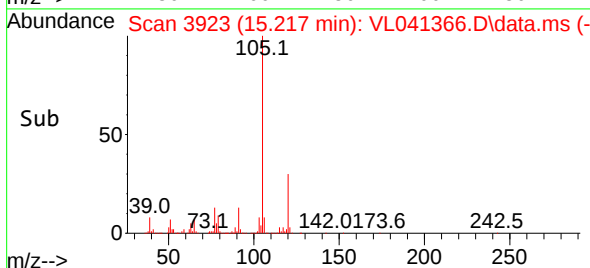
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

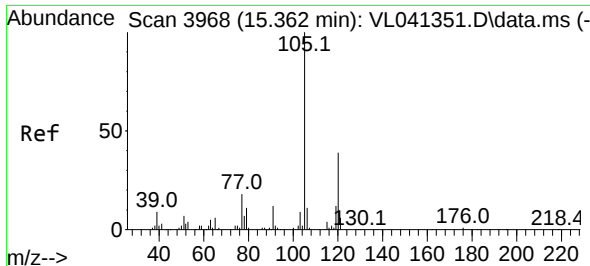


#72
4-Ethyltoluene
Concen: 9.535 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.006 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



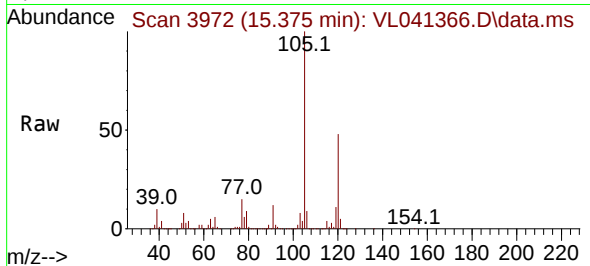
Tgt Ion:105 Resp: 3299056
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.4
91 13.0 10.2 15.2
77 14.4 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.740 ppbv
RT: 15.375 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

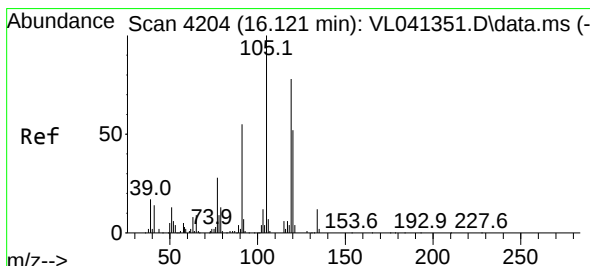
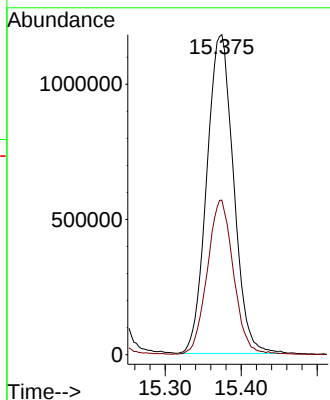
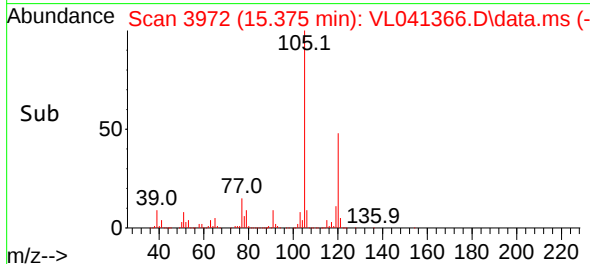
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



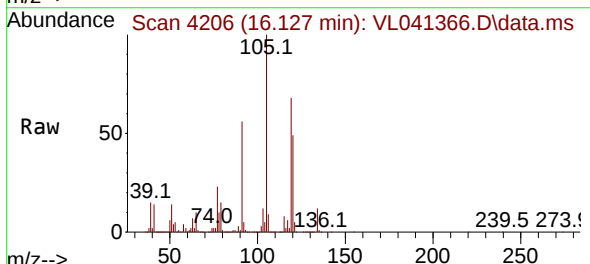
Tgt Ion:105 Resp: 2884440
Ion Ratio Lower Upper
105 100
120 48.3 37.3 55.9

Manual Integrations
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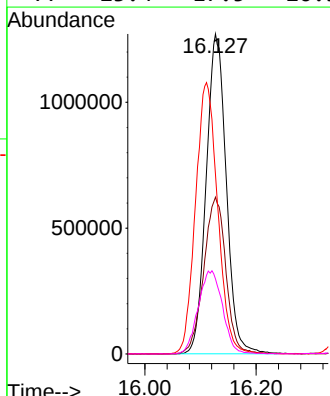
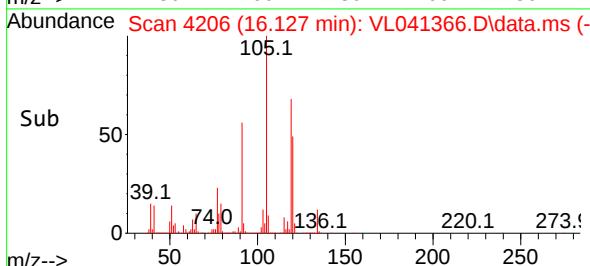
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

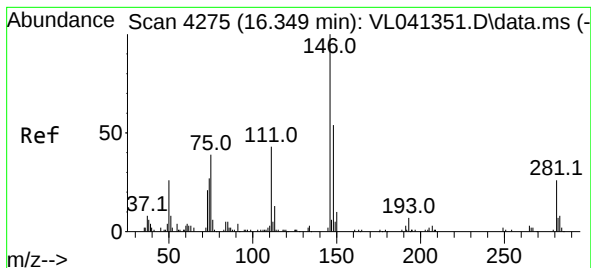


#74
1,2,4-Trimethylbenzene
Concen: 9.537 ppbv
RT: 16.127 min Scan# 4206
Delta R.T. -0.000 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



Tgt Ion:105 Resp: 3182519
Ion Ratio Lower Upper
105 100
120 48.9 37.8 56.8
91 56.0 38.0 57.0
77 23.4 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 9.683 ppbv

RT: 16.355 min Scan# 4321

Delta R.T. 0.006 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1916958

Ion Ratio Lower Upper

146 100

111 46.9 23.5 70.5

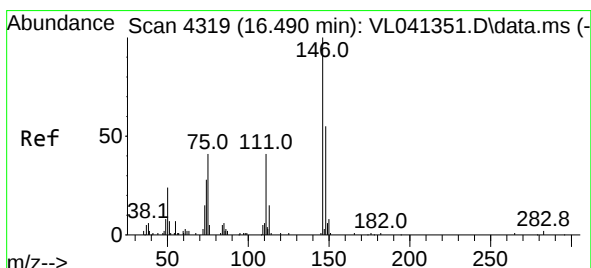
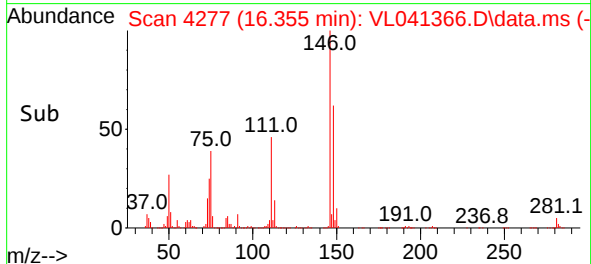
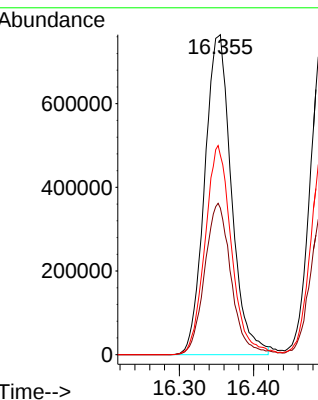
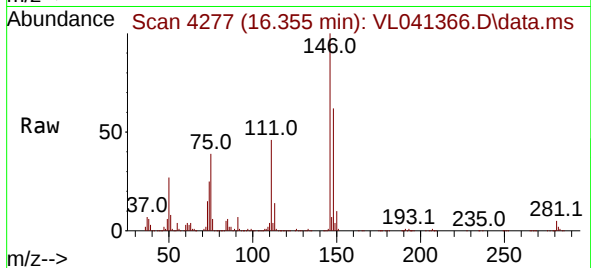
148 64.6 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024

Supervised By :Mahesh Dadoda 06/27/2024



#76

1,4-Dichlorobenzene

Concen: 9.486 ppbv

RT: 16.497 min Scan# 4321

Delta R.T. 0.006 min

Lab File: VL041366.D

Acq: 26 Jun 2024 19:54

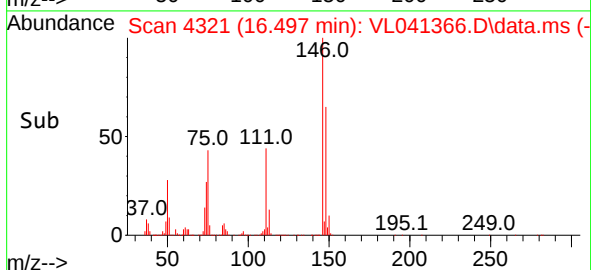
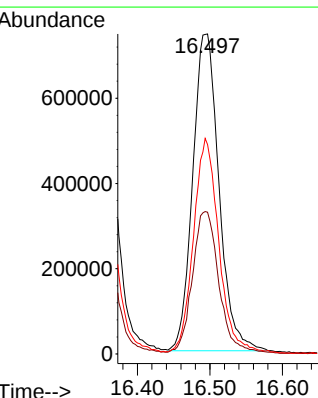
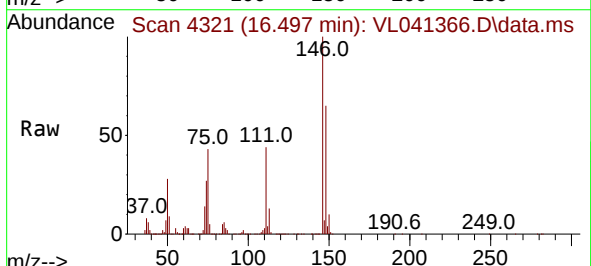
Tgt Ion:146 Resp: 1871016

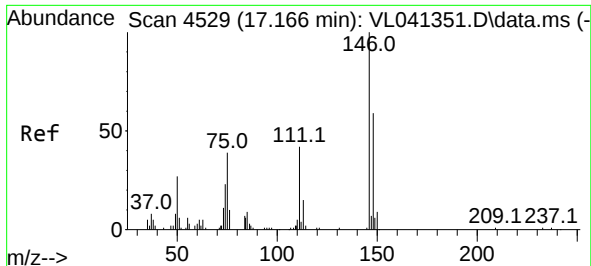
Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.8

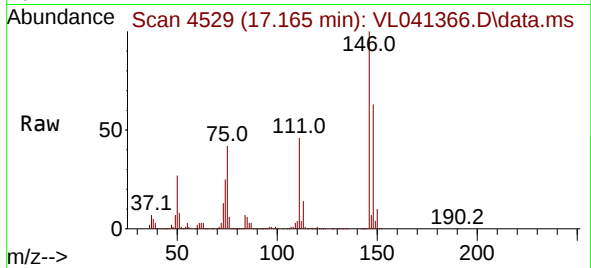
148 66.2 32.8 98.3





#77
1,2-Dichlorobenzene
Concen: 9.318 ppbv
RT: 17.165 min Scan# 4529
Delta R.T. 0.006 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

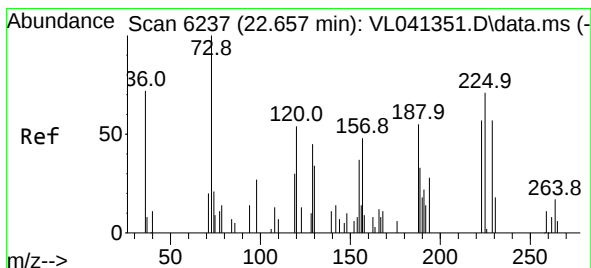
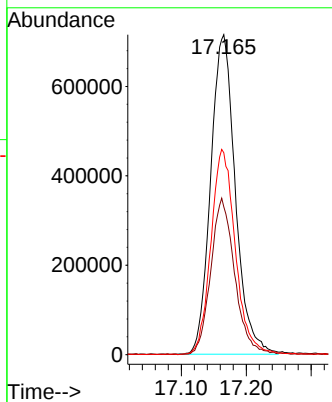
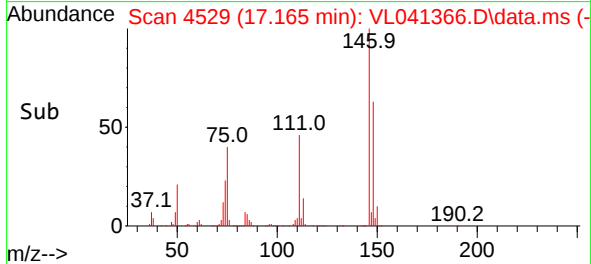
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



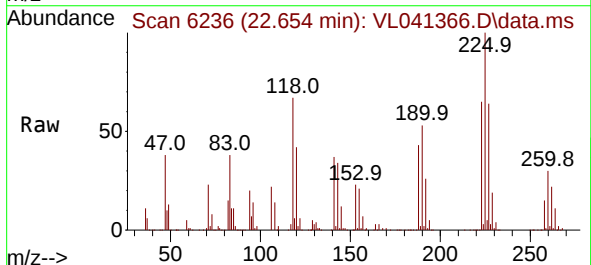
Tgt Ion:146 Resp: 188070
Ion Ratio Lower Upper
146 100
111 47.8 24.1 72.2
148 63.9 31.9 95.9

Manual Integrations
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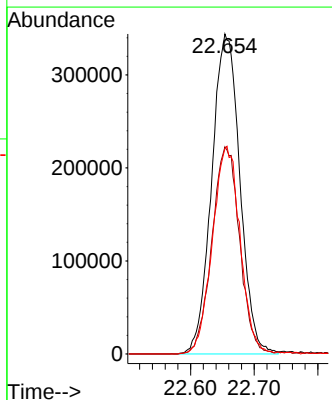
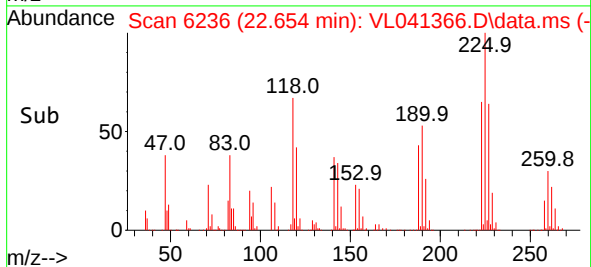
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

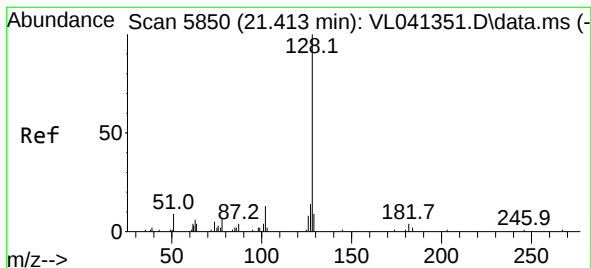


#78
Hexachloro-1,3-Butadiene
Concen: 7.216 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. -0.007 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



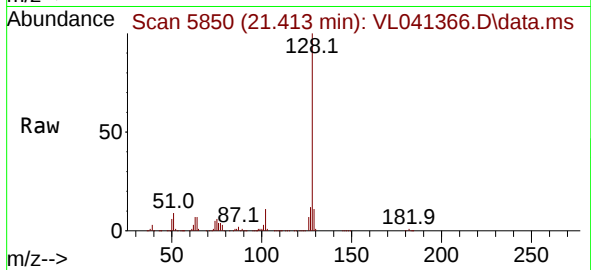
Tgt Ion:225 Resp: 1059225
Ion Ratio Lower Upper
225 100
223 63.7 51.3 76.9
227 64.1 51.8 77.8





#79
Naphthalene
Concen: 8.464 ppbv
RT: 21.413 min Scan# 5850
Delta R.T. -0.000 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54

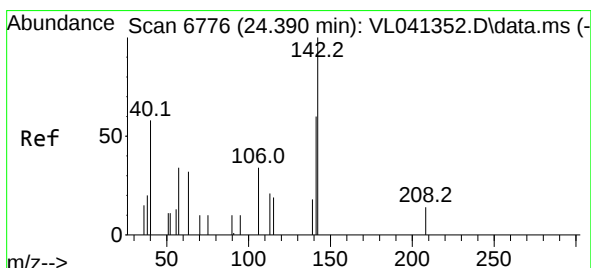
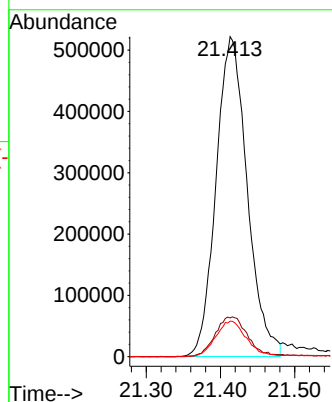
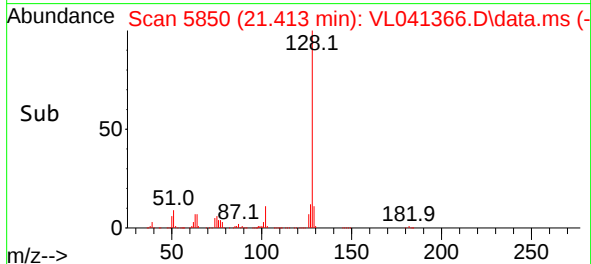
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



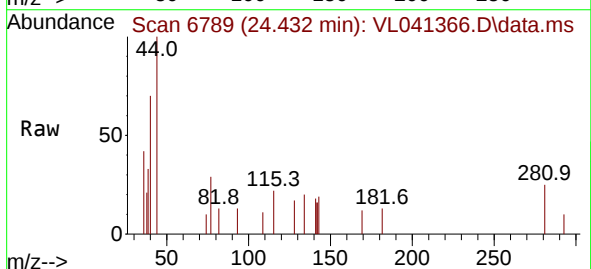
Tgt Ion:128 Resp: 151913
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 11.1 9.0 13.4

Manual Integrations
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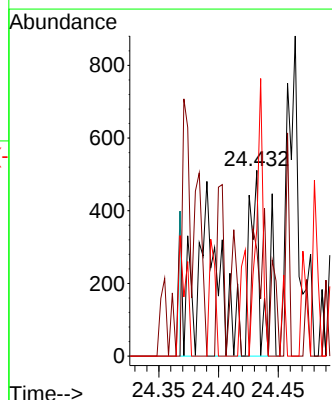
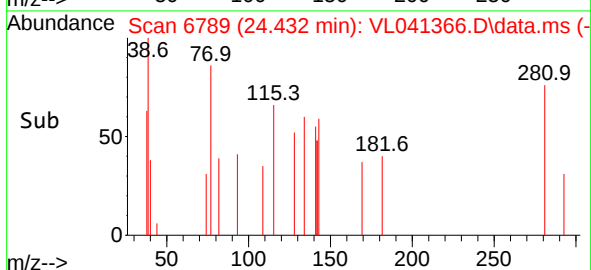
Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

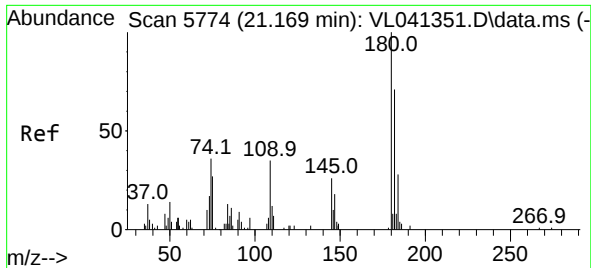


#80
Naphthalene,2-methyl-
Concen: 2.011 ppbv m
RT: 24.432 min Scan# 6789
Delta R.T. 0.042 min
Lab File: VL041366.D
Acq: 26 Jun 2024 19:54



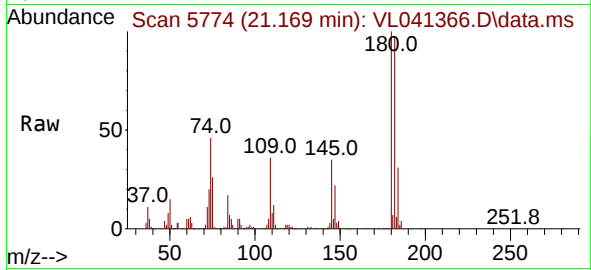
Tgt Ion:142 Resp: 950
Ion Ratio Lower Upper
142 100
141 33.2 37.9 56.9#
115 0.0 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 8.182 ppbv
 RT: 21.169 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041366.D
 Acq: 26 Jun 2024 19:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 907620
 Ion Ratio Lower Upper
 180 100
 182 100.3 78.1 117.1
 184 31.1 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

