

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040966.D
 Acq On : 15 Jan 2024 12:21
 Operator : SY/MD
 Sample : VL0115ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0115ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 03:33:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Tue Jan 16 03:31:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1038437	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2936616	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2837821m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 2012494 9.628 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1952706	9.872	ppbv	99
3) Chlorodifluoromethane	2.681	51	1803173	11.539	ppbv	100
4) Chloromethane	2.816	50	669471	11.619	ppbv	96
5) Vinyl Chloride	2.922	62	694608	12.488	ppbv	99
6) Bromomethane	3.121	94	300621	12.183	ppbv	93
7) Chloroethane	3.198	64	239994	12.103	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1737563	12.192	ppbv	98
9) Propene	2.700	41	605922	11.751	ppbv	97
10) Heptane	7.568	43	1509182	11.775	ppbv	99
11) Trichlorofluoromethane	3.562	101	1905879	12.325	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1378169	11.476	ppbv	98
13) Ethanol	3.240	45	149326	11.480	ppbv	98
14) Bromoethene	3.365	108	545070	12.384	ppbv	99
15) Acetone	3.468	43	1285388	10.321	ppbv	100
16) 1,3-Butadiene	2.989	39	672671	12.544	ppbv	97
17) tert-Butyl alcohol	3.877	59	1284476	13.942	ppbv	99
18) 1,1-Dichloroethene	3.877	96	602334	12.148	ppbv	95
19) Isopropyl Alcohol	3.574	45	866514	13.334	ppbv	99
20) Methylene Chloride	3.931	84	511067	11.512	ppbv	99
21) Allyl Chloride	3.996	41	884239	12.011	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	640198	11.323	ppbv	99
23) Vinyl Acetate	4.619	43	1555527	11.322	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1274568	10.371	ppbv	99
25) Ethyl Acetate	5.195	43	2225979	10.315	ppbv	99
26) Hexane	5.205	57	969157	10.133	ppbv	99
27) Carbon Disulfide	4.121	76	1539129	11.891	ppbv	97
28) Methyl tert-Butyl Ether	4.581	73	926743	10.442	ppbv	100
29) Chloroform	5.269	83	1507029	9.337	ppbv	99
30) Cyclohexane	6.594	84	934482	11.720	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	981771	9.993	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1858458	11.910	ppbv	99
34) 2-Butanone	4.780	43	1402079	9.026	ppbv	100
35) Carbon Tetrachloride	6.484	117	2003268	10.893	ppbv	99
36) Benzene	6.362	78	2337905	10.184	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1448905	10.533	ppbv	100
38) Trichloroethene	7.282	130	902959	10.473	ppbv	98
39) 1,2-Dichloropropane	7.060	63	930853	10.318	ppbv	97
40) 1,4-Dioxane	7.272	88	391111	10.268	ppbv	92
41) Tetrahydrofuran	5.549	42	968084	10.243	ppbv	99
42) Bromodichloromethane	7.240	83	2101204	10.591	ppbv	100
43) Methyl Methacrylate	7.462	69	979750	10.881	ppbv	97
44) 2,2,4-Trimethylpentane	7.314	57	3938104	10.099	ppbv	100
45) t-1,3-Dichloropropene	8.696	75	838991	12.559	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

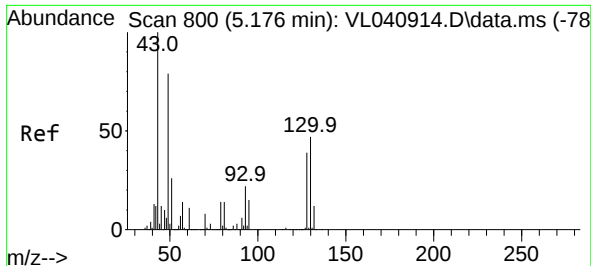
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 16 03:31:29 2024

Response via : Initial Calibration

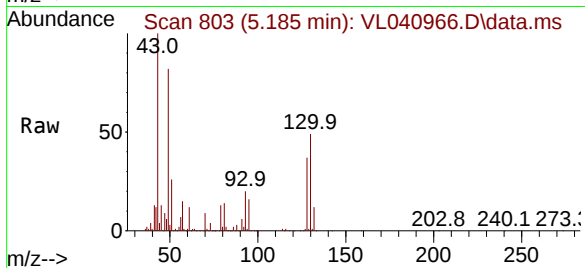
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	988655	11.953	ppbv	100
47) 1,1,2-Trichloroethane	8.886	97	992387	10.371	ppbv	98
48) Dibromochloromethane	9.696	129	1781516	10.906	ppbv	99
49) Bromoform	12.394	173	1425619	11.311	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2503919	10.643	ppbv	98
51) 2-Hexanone	9.536	43	1864896	11.013	ppbv #	100
52) Tetrachloroethene	10.600	164	814644	10.534	ppbv	98
53) Toluene	9.208	91	2676846	10.516	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1465966	11.163	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.491	131	1269198	10.227	ppbv	99
57) Chlorobenzene	11.513	112	2083177	9.968	ppbv	98
58) Ethyl Benzene	12.073	91	3683707	10.106	ppbv	100
59) m/p-Xylene	12.359	91	6236621m	20.116	ppbv	
60) o-Xylene	13.040	91	2975465	10.186	ppbv	100
61) Styrene	12.883	104	1530451	11.021	ppbv	99
62) Isopropylbenzene	14.011	105	4340264	10.019	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	2174802	10.334	ppbv	99
64) n-propylbenzene	14.902	120	1140212	10.493	ppbv	100
65) tert-Butylbenzene	16.076	119	3831567	10.405	ppbv	100
66) Benzyl Chloride	16.310	91	326715	12.966	ppbv	97
67) sec-Butylbenzene	16.619	105	5384261	10.061	ppbv	100
69) p-Isopropyltoluene	16.976	119	4381943	10.535	ppbv	99
70) n-Butylbenzene	17.866	91	4659131	10.789	ppbv	100
71) 2-Chlorotoluene	14.783	91	3410650	10.223	ppbv	99
72) 4-Ethyltoluene	15.175	105	3470797	10.826	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2972022	10.740	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	3270706	10.620	ppbv	95
75) 1,3-Dichlorobenzene	16.314	146	1883582	10.707	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1819810	10.575	ppbv	99
77) 1,2-Dichlorobenzene	17.124	146	1789806	10.561	ppbv	99
78) Hexachloro-1,3-Butadiene	22.612	225	982779	9.429	ppbv	100
79) Naphthalene	21.362	128	2248858	15.155	ppbv	97
80) Naphthalene,2-methyl-	24.358	142	399365	14.725	ppbv	95
81) 1,2,4-Trichlorobenzene	21.120	180	1117783	13.121	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

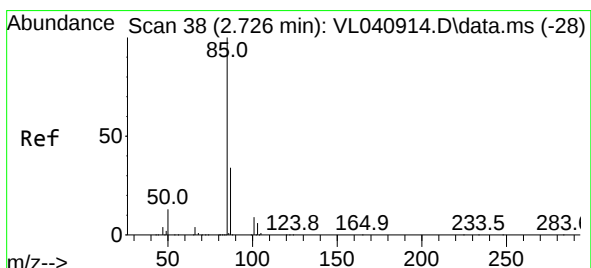
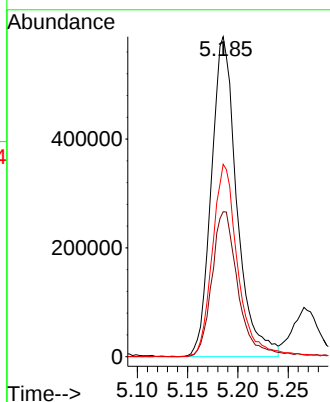
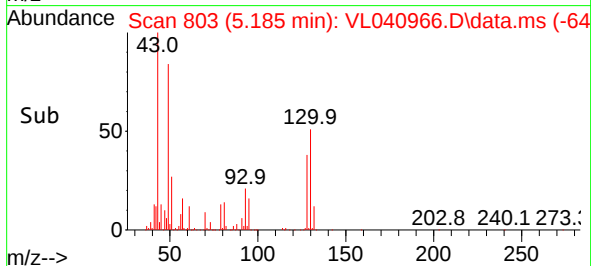
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



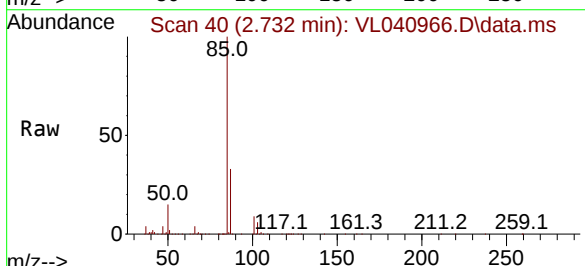
Tgt Ion: 49 Resp: 103843
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 60.7 30.1 90.5

Manual Integrations
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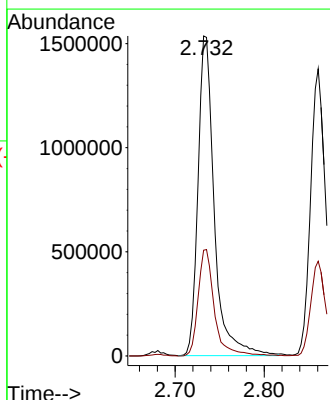
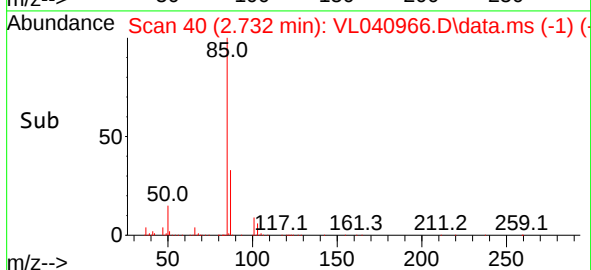
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

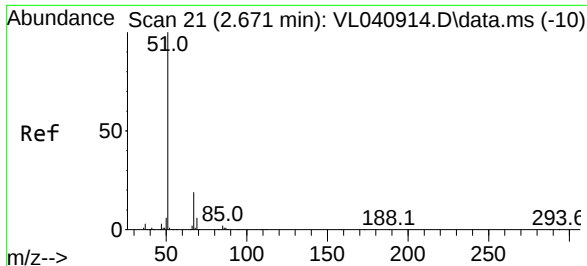


#2
Dichlorodifluoromethane
Concen: 9.872 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



Tgt Ion: 85 Resp: 1952706
Ion Ratio Lower Upper
85 100
87 33.1 27.0 40.6





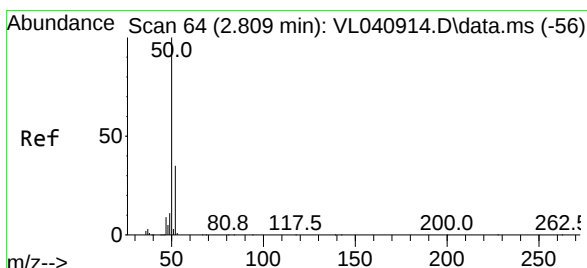
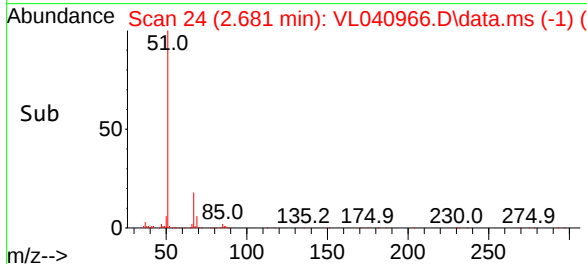
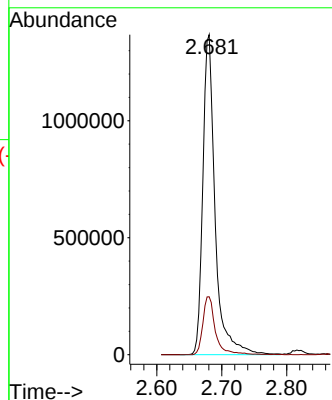
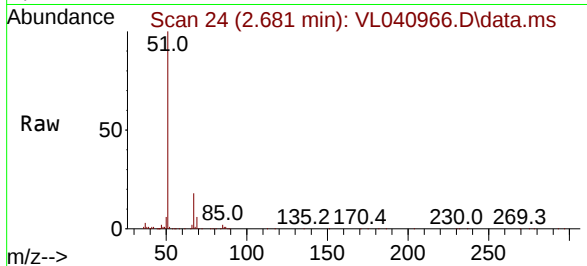
#3
Chlorodifluoromethane
Concen: 11.539 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 51 Resp: 180317
Ion Ratio Lower Upper
51 100
67 18.6 14.7 22.1

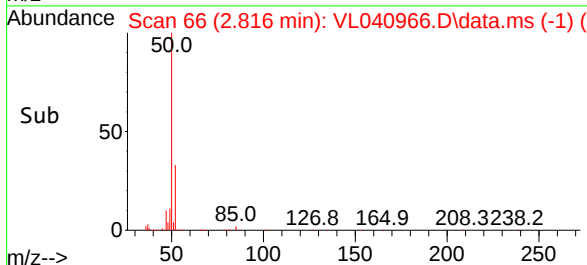
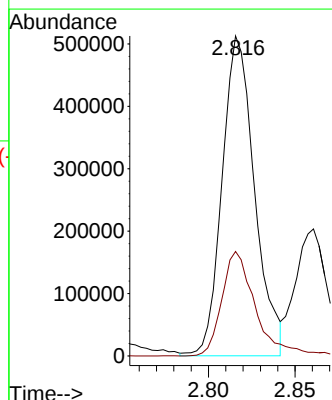
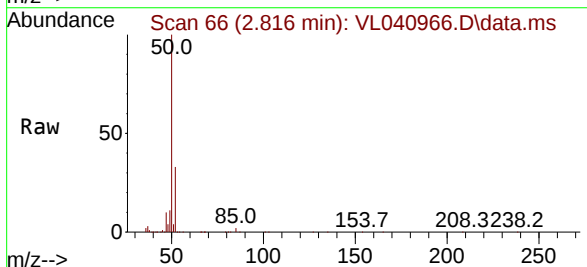
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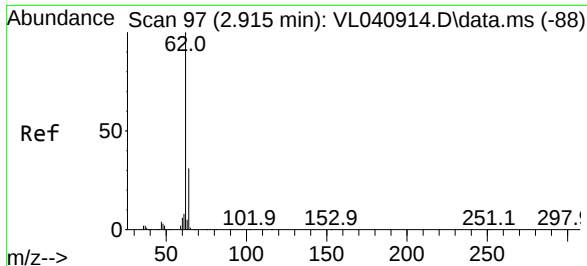
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#4
Chloromethane
Concen: 11.619 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 50 Resp: 669471
Ion Ratio Lower Upper
50 100
52 32.9 28.0 42.0





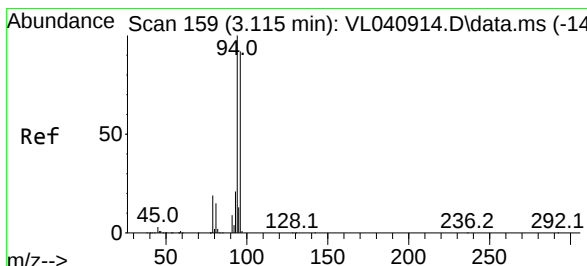
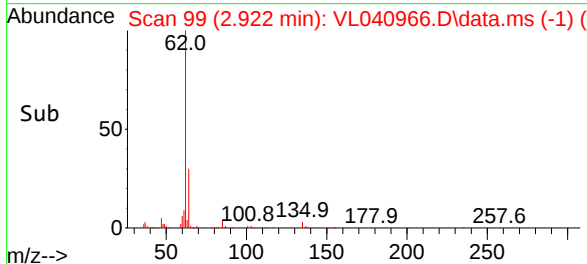
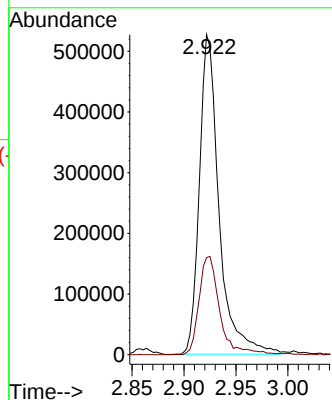
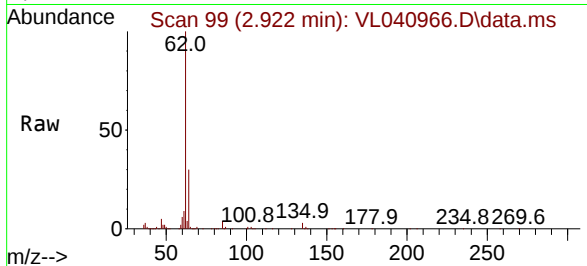
#5
 Vinyl Chloride
 Concen: 12.488 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.010 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0115ABS01

Tgt Ion: 62 Resp: 694608
 Ion Ratio Lower Upper
 62 100
 64 30.4 24.9 37.3

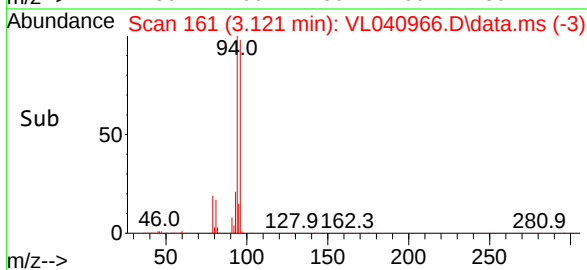
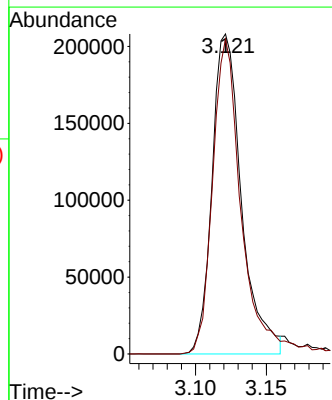
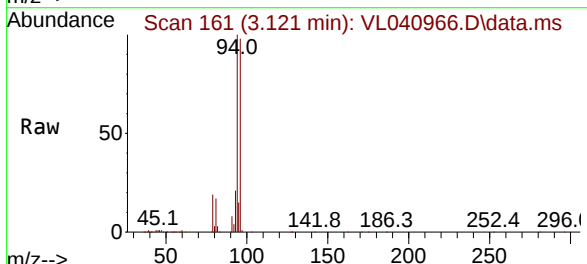
Manual Integrations
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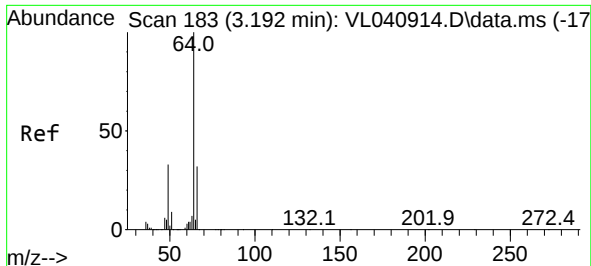
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#6
 Bromomethane
 Concen: 12.183 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.010 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

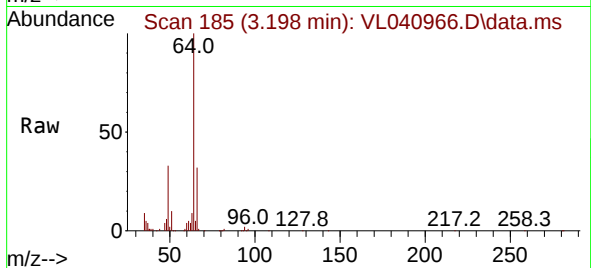
Tgt Ion: 94 Resp: 300621
 Ion Ratio Lower Upper
 94 100
 96 98.3 73.2 109.8





#7
Chloroethane
Concen: 12.103 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

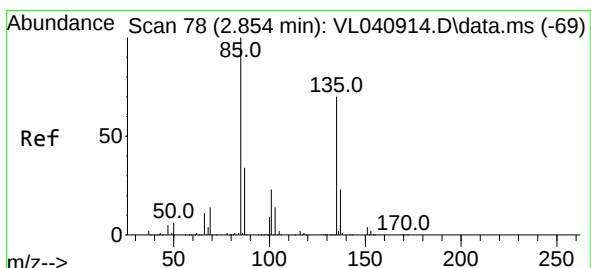
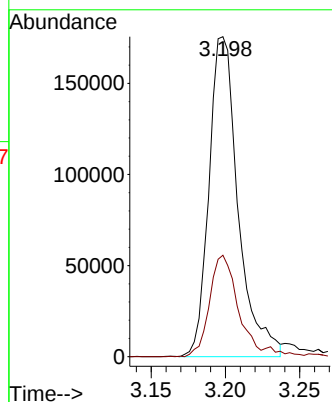
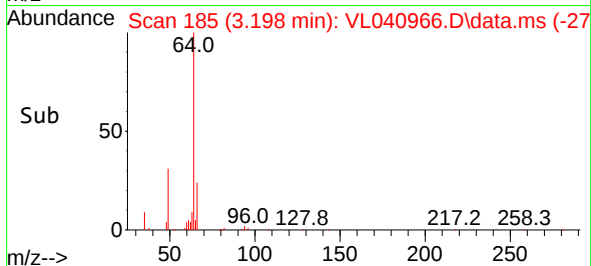
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion: 64 Resp: 239994
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5

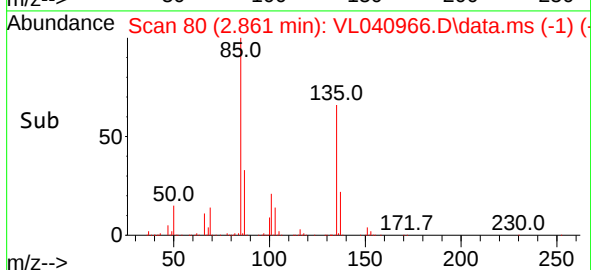
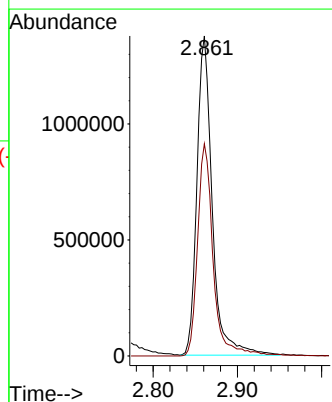
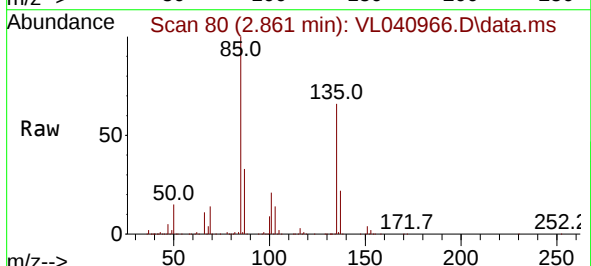
Manual Integrations
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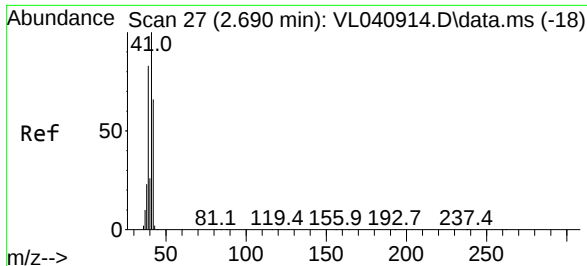
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#8
Dichlorotetrafluoroethane
Concen: 12.192 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 85 Resp: 1737563
Ion Ratio Lower Upper
85 100
135 68.1 55.8 83.8





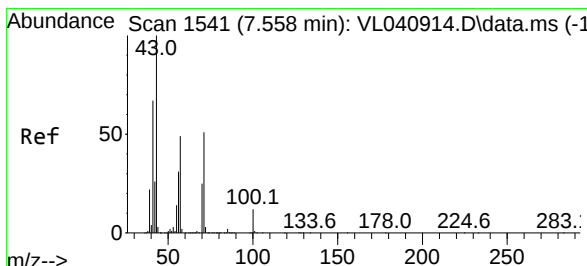
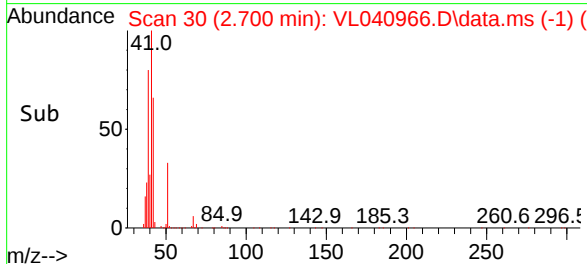
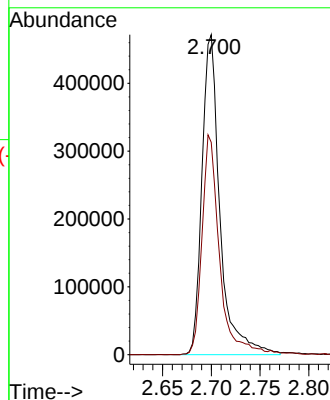
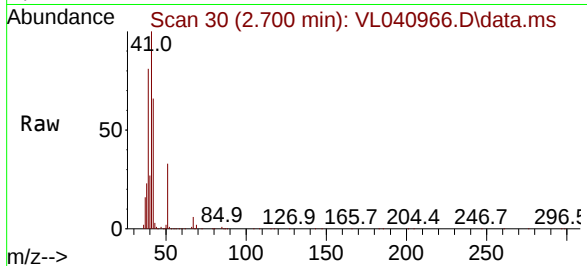
#9
 Propene
 Concen: 11.751 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0115ABS01

Tgt Ion: 41 Resp: 60592
 Ion Ratio Lower Upper
 41 100
 42 67.6 55.8 83.6

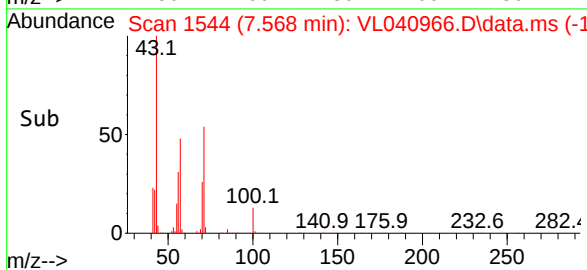
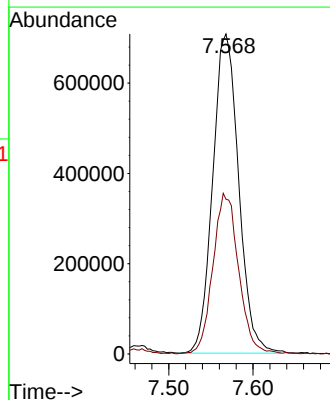
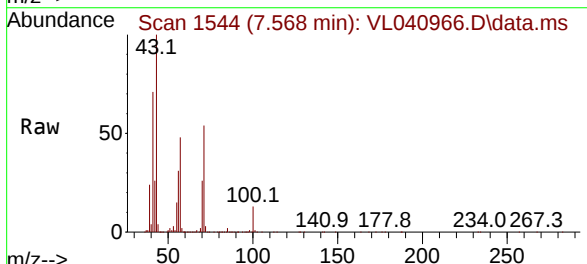
Manual Integrations
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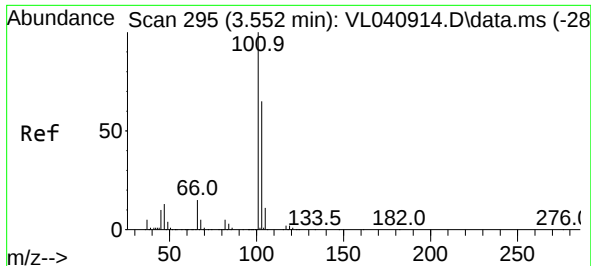
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#10
 Heptane
 Concen: 11.775 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.010 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

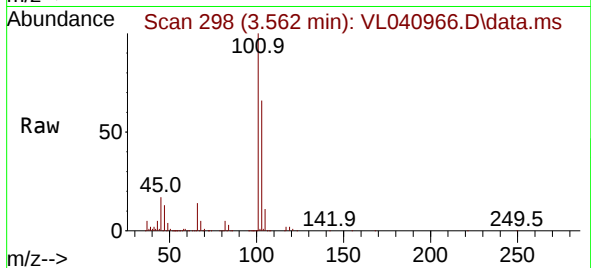
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 Ion Ratio Lower Upper
 43 100
 57 49.7 39.3 58.9





#11
Trichlorofluoromethane
Concen: 12.325 ppbv
RT: 3.562 min Scan# 295
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

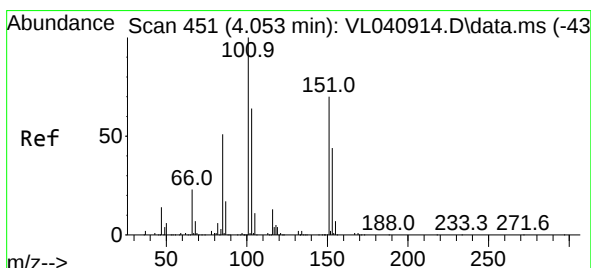
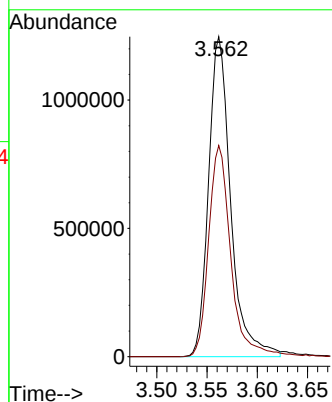
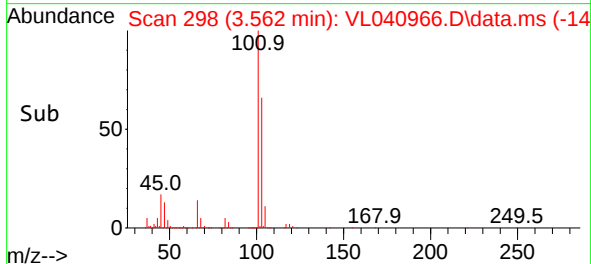
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion:101 Resp: 1905879
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9

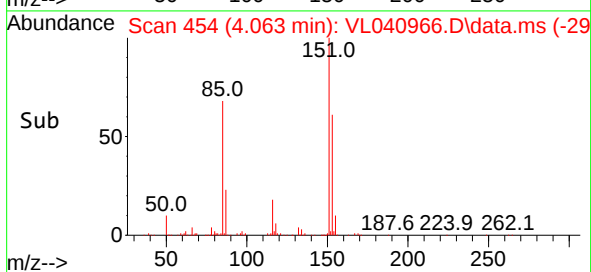
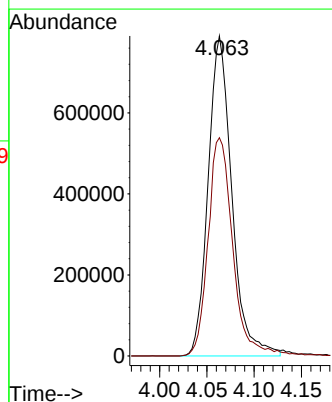
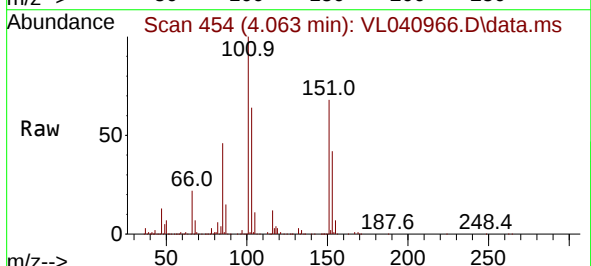
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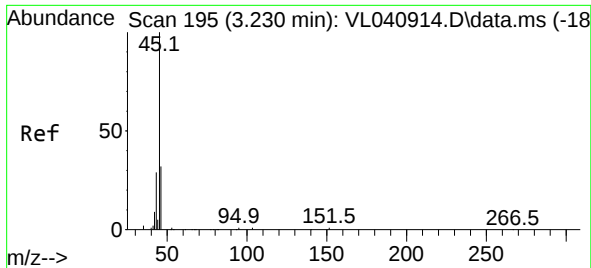
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.476 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion:101 Resp: 1378169
Ion Ratio Lower Upper
101 100
151 71.5 55.8 83.8





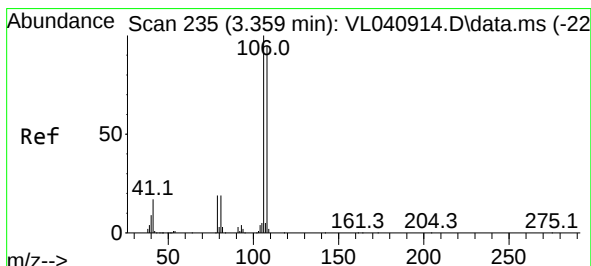
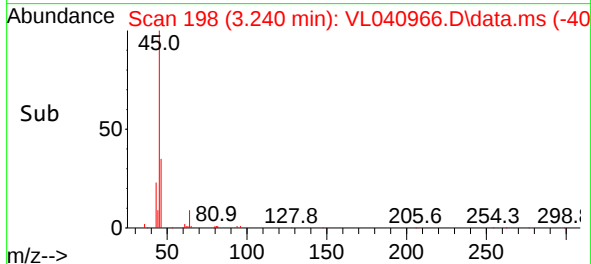
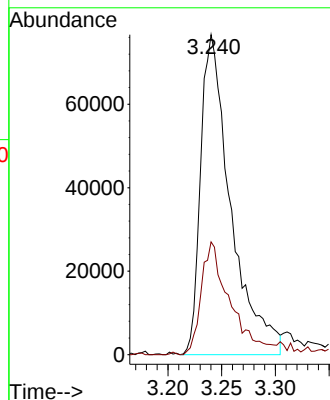
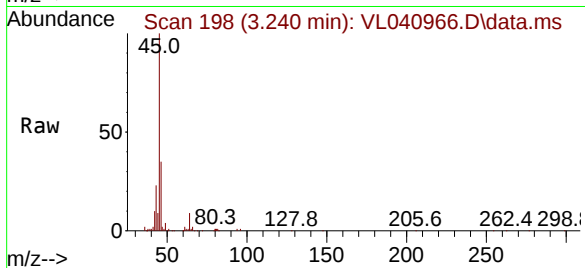
#13
Ethanol
Concen: 11.480 ppbv
RT: 3.240 min Scan# 195
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 45 Resp: 149320
Ion Ratio Lower Upper
45 100
46 36.1 15.0 60.0

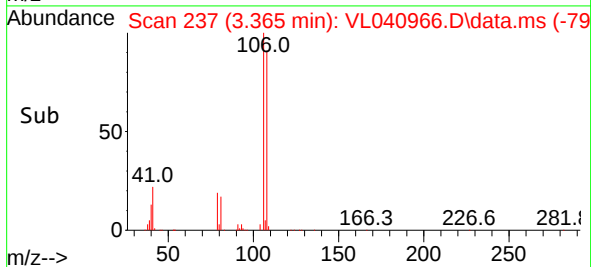
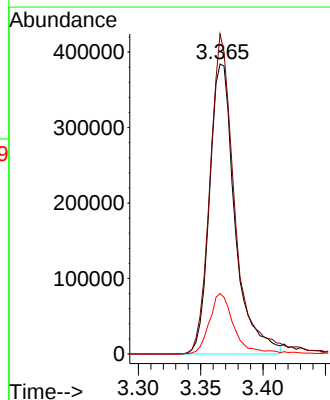
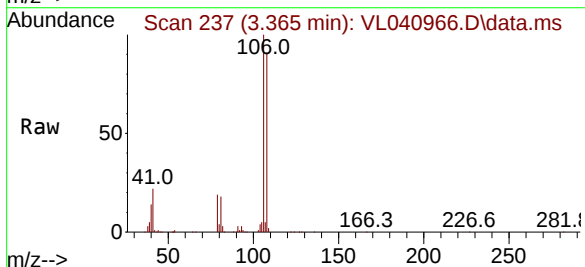
Manual Integrations
APPROVED

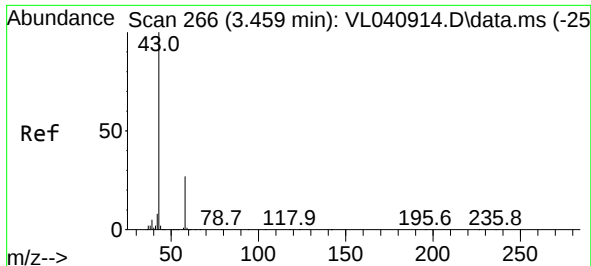
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#14
Bromoethene
Concen: 12.384 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion:108 Resp: 545070
Ion Ratio Lower Upper
108 100
106 110.0 87.5 131.3
79 20.9 16.6 24.8





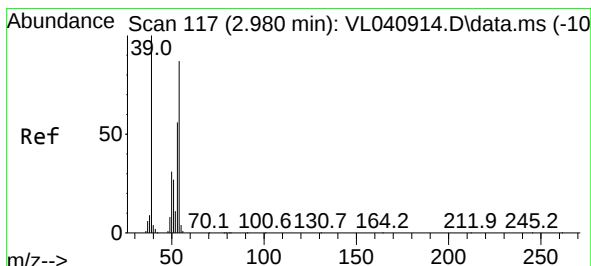
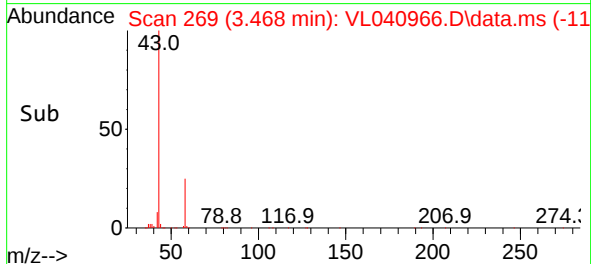
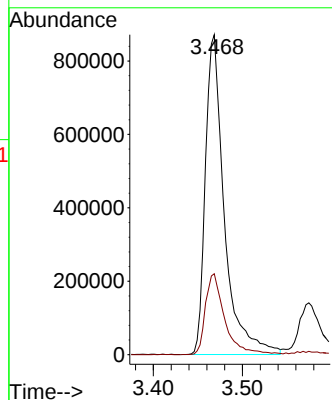
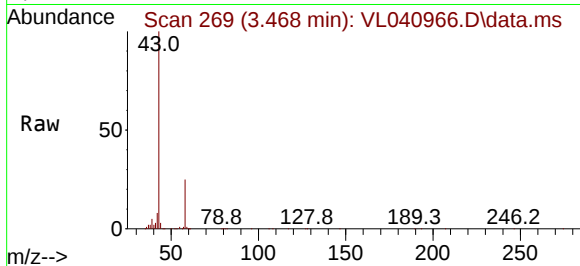
#15
Acetone
Concen: 10.321 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 43 Resp: 128538
Ion Ratio Lower Upper
43 100
58 25.9 20.6 30.8

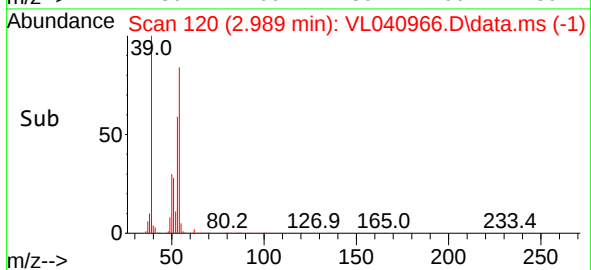
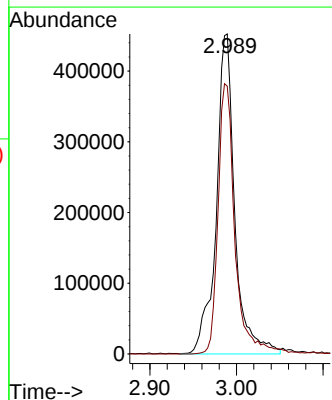
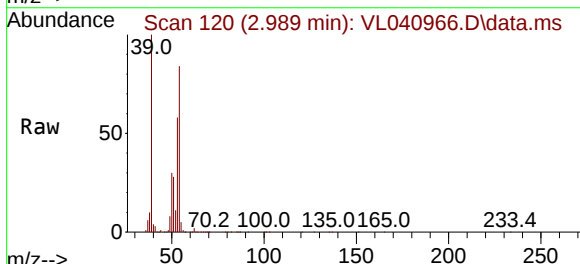
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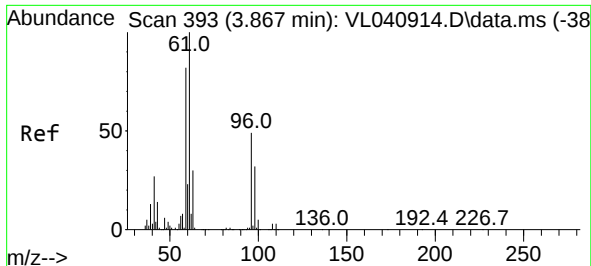
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#16
1,3-Butadiene
Concen: 12.544 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 39 Resp: 672671
Ion Ratio Lower Upper
39 100
54 77.5 63.8 95.6





#17

tert-Butyl alcohol

Concen: 13.942 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 59 Resp: 1284470

Ion Ratio Lower Upper

59 100

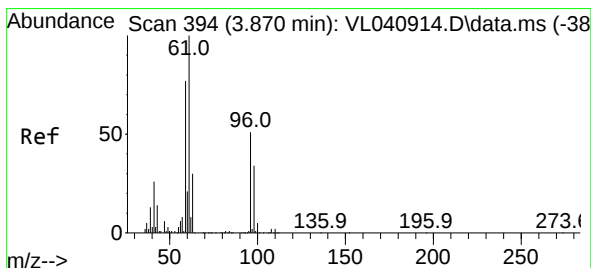
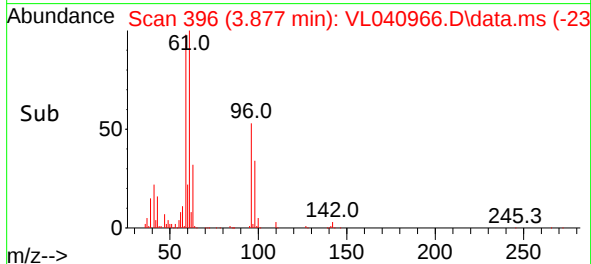
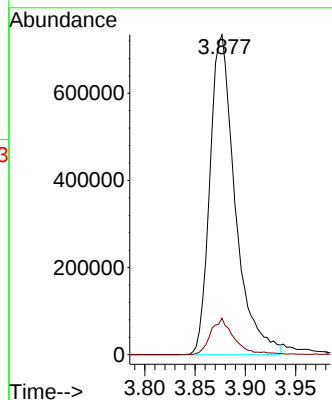
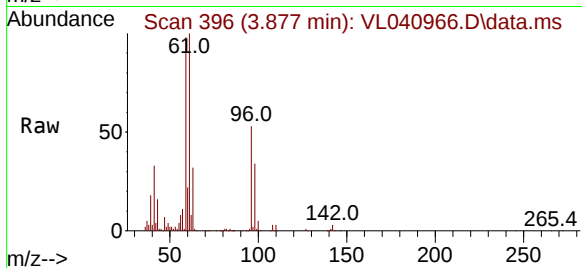
57 10.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#18

1,1-Dichloroethene

Concen: 12.148 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

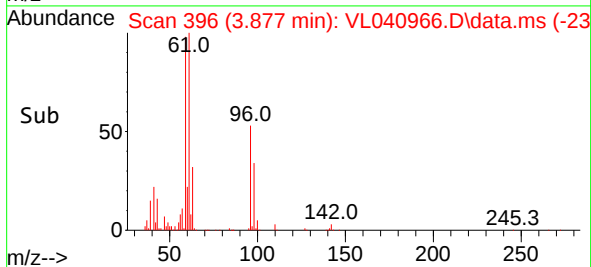
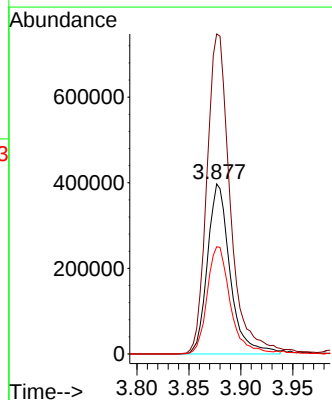
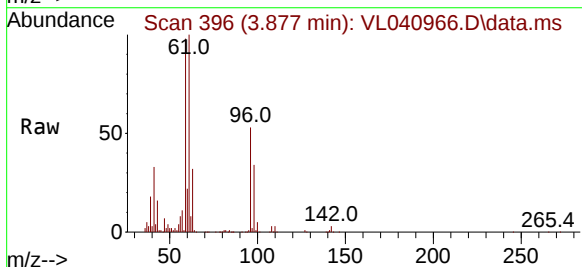
Tgt Ion: 96 Resp: 602334

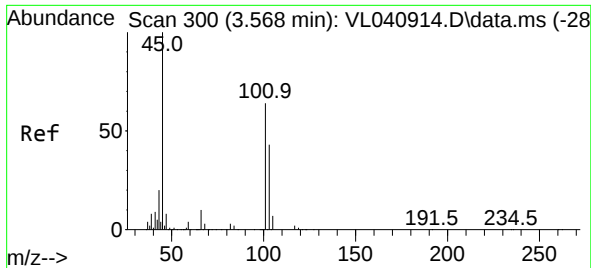
Ion Ratio Lower Upper

96 100

61 188.1 156.6 235.0

98 63.0 52.5 78.7





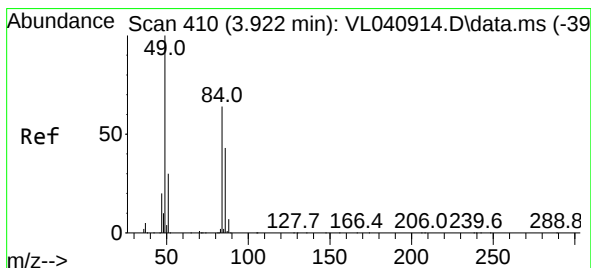
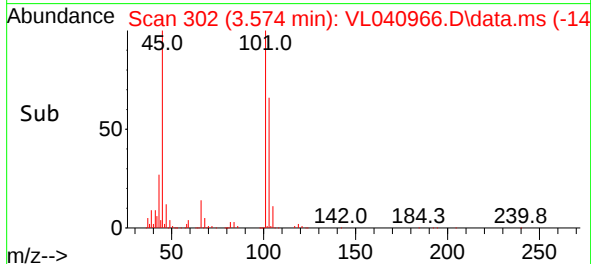
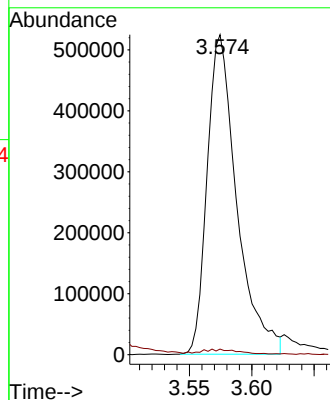
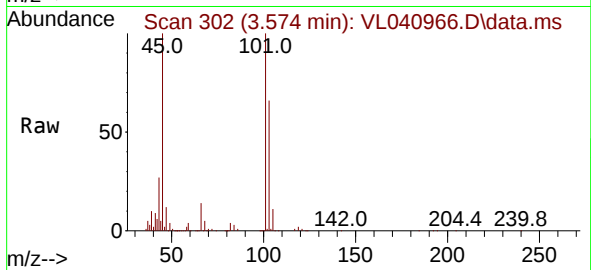
#19
Isopropyl Alcohol
Concen: 13.334 ppbv
RT: 3.574 min Scan# 300
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 45 Resp: 866514
Ion Ratio Lower Upper
45 100
58 2.2 1.5 2.3

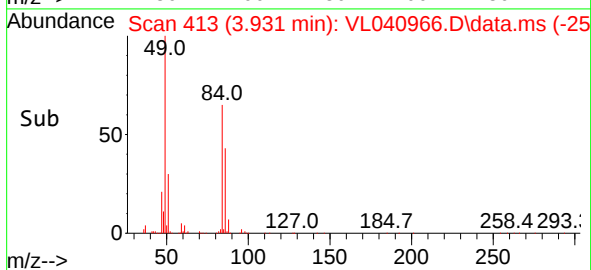
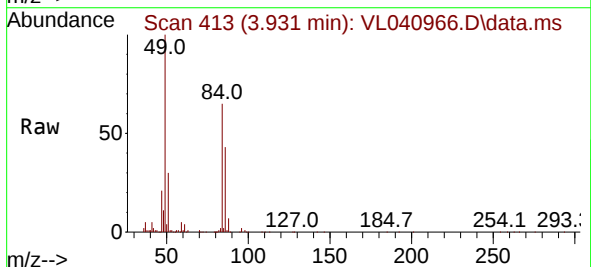
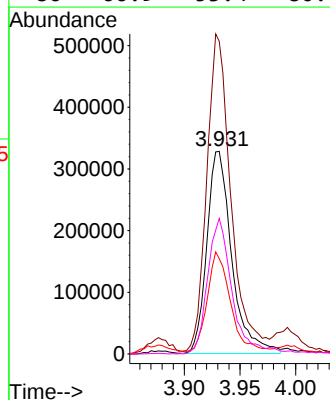
Manual Integrations
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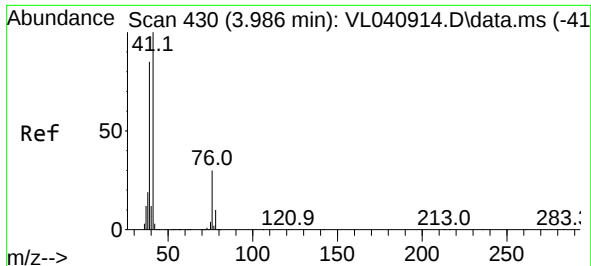
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#20
Methylene Chloride
Concen: 11.512 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 84 Resp: 511067
Ion Ratio Lower Upper
84 100
49 153.1 124.6 187.0
51 45.7 37.2 55.8
86 66.9 53.4 80.0





#21

Allyl Chloride

Concen: 12.011 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 41 Resp: 884239

Ion Ratio Lower Upper

41 100

76 31.2 23.9 35.9

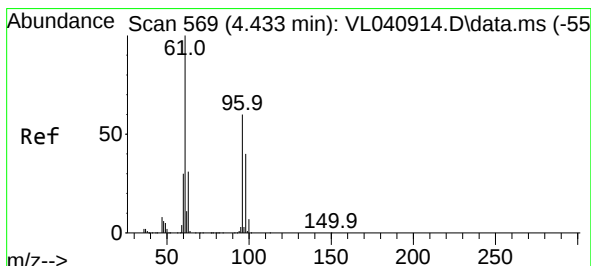
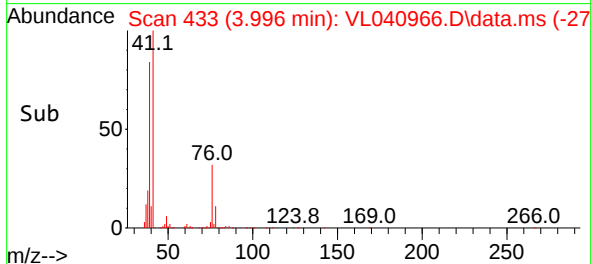
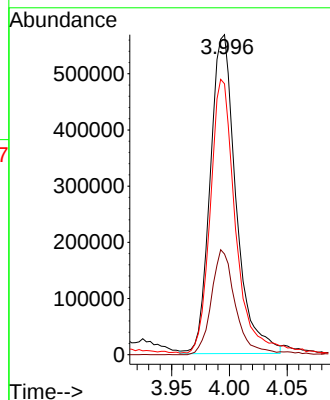
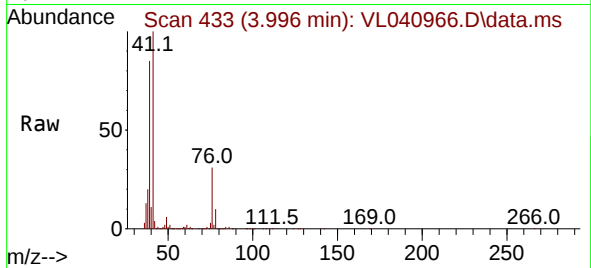
39 84.4 66.5 99.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#22

trans-1,2-Dichloroethene

Concen: 11.323 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

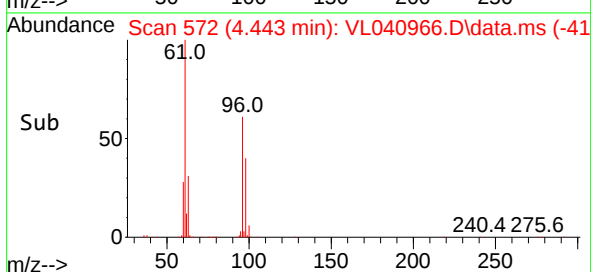
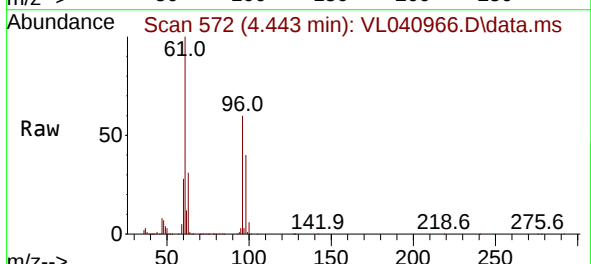
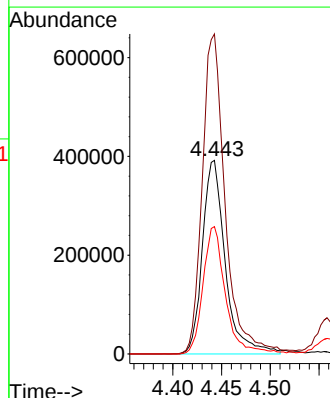
Tgt Ion: 96 Resp: 640198

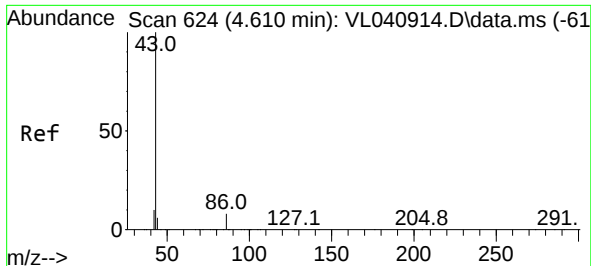
Ion Ratio Lower Upper

96 100

61 165.1 133.0 199.6

98 65.8 53.7 80.5





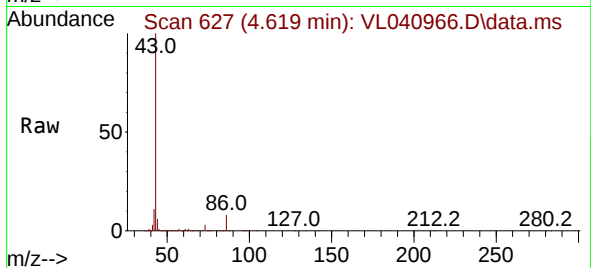
#23
 Vinyl Acetate
 Concen: 11.322 ppbv
 RT: 4.619 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

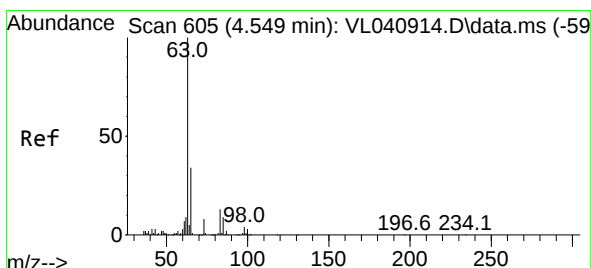
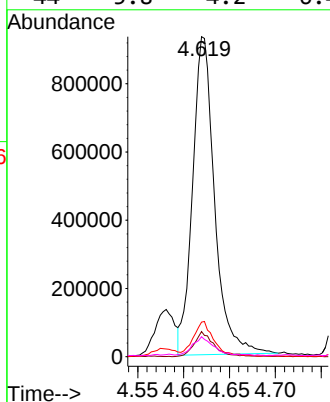
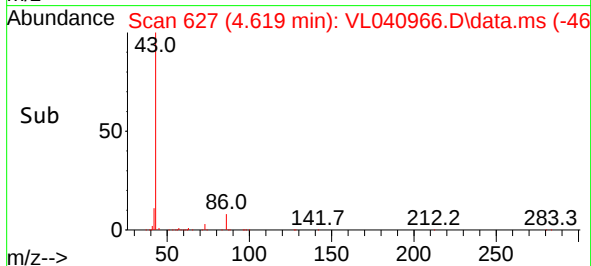


Tgt Ion: 43 Resp: 155552
 Ion Ratio Lower Upper
 43 100
 86 7.8 5.5 8.3
 42 10.7 8.4 12.6
 44 5.8 4.2 6.4

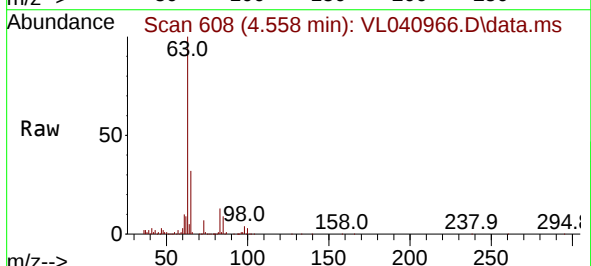
Manual Integrations

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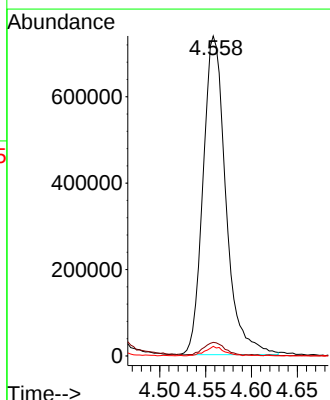
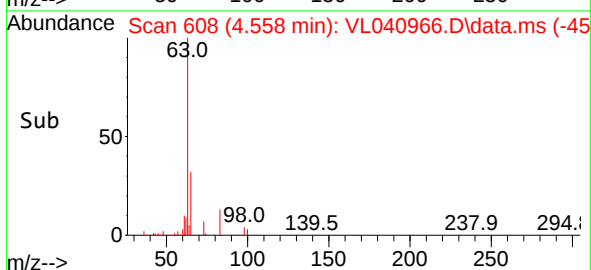
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

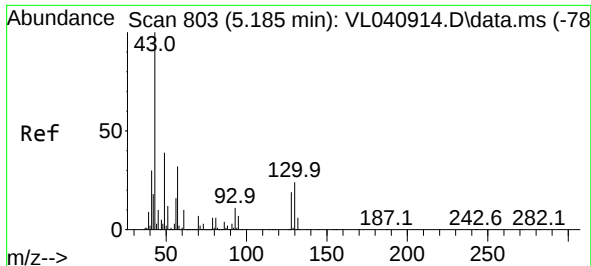


#24
 1,1-Dichloroethane
 Concen: 10.371 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.010 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21



Tgt Ion: 63 Resp: 1274568
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.9 1.4 4.2





#25

Ethyl Acetate

Concen: 10.315 ppbv

RT: 5.195 min Scan# 806

Delta R.T. 0.006 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 43 Resp: 2225979

Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.2

61 9.7 7.6 11.4

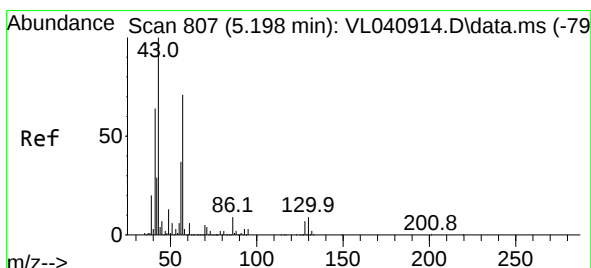
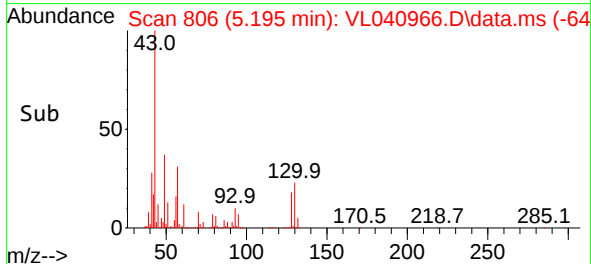
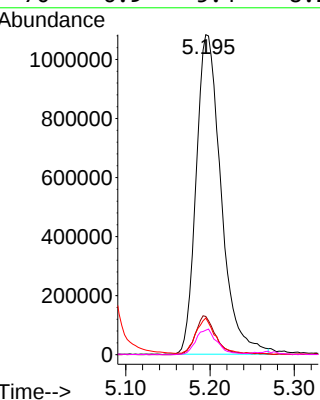
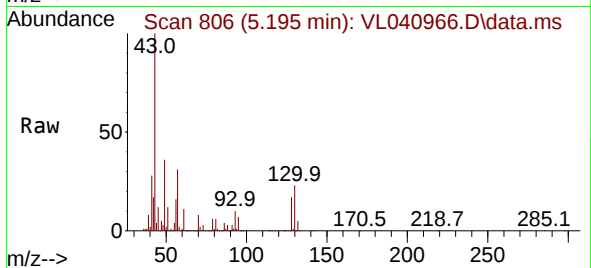
70 6.9 5.4 8.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#26

Hexane

Concen: 10.133 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Tgt Ion: 57 Resp: 969157

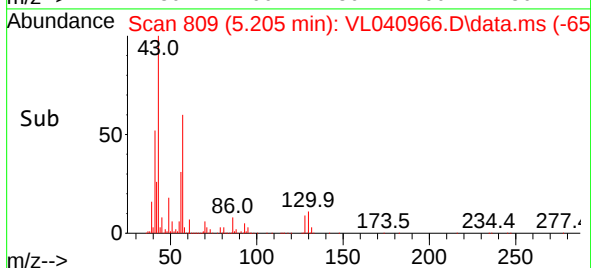
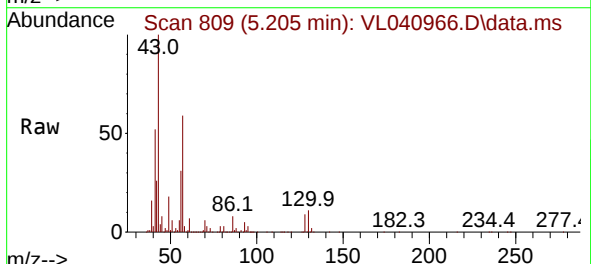
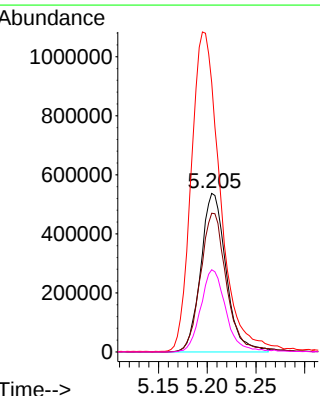
Ion Ratio Lower Upper

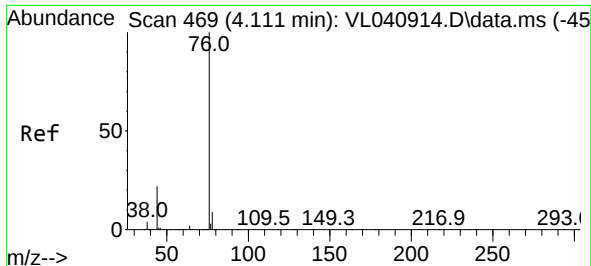
57 100

41 91.1 75.2 112.8

43 233.6 188.0 282.0

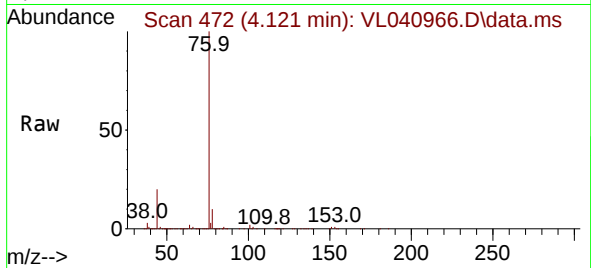
56 52.2 42.3 63.5





#27
Carbon Disulfide
Concen: 11.891 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

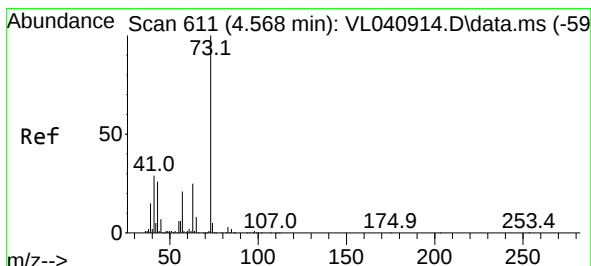
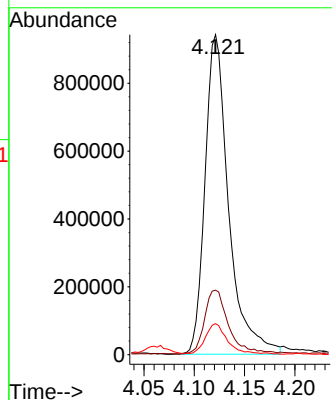
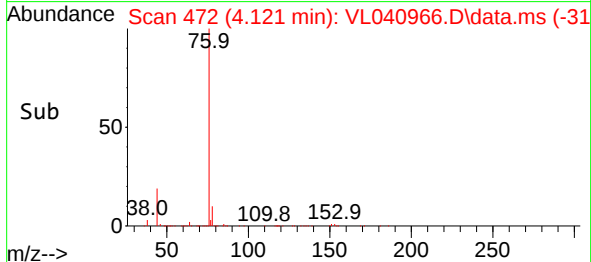
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion: 76 Resp: 1539129
Ion Ratio Lower Upper
76 100
44 20.9 18.4 27.6
78 9.4 7.9 11.9

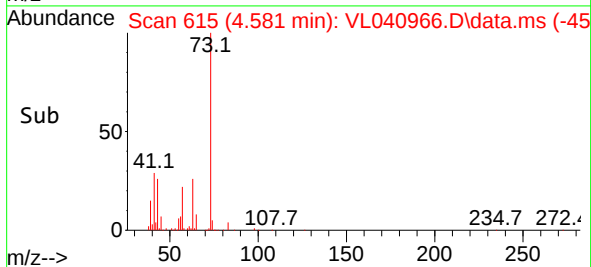
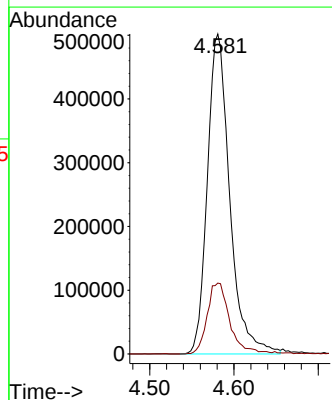
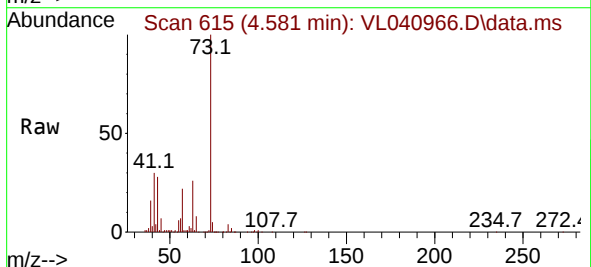
Manual Integrations
APPROVED

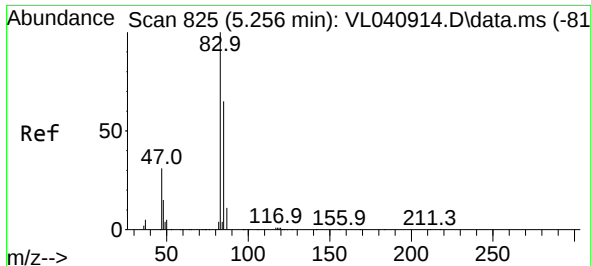
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#28
Methyl tert-Butyl Ether
Concen: 10.442 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 73 Resp: 926743
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0





#29

Chloroform

Concen: 9.337 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 83 Resp: 1507029

Ion Ratio Lower Upper

83 100

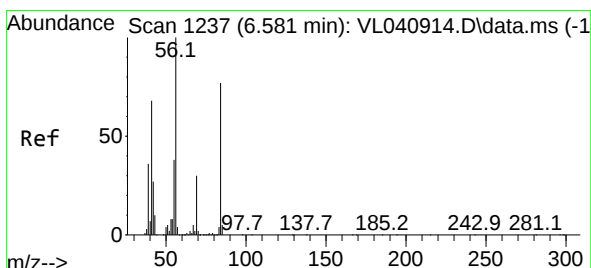
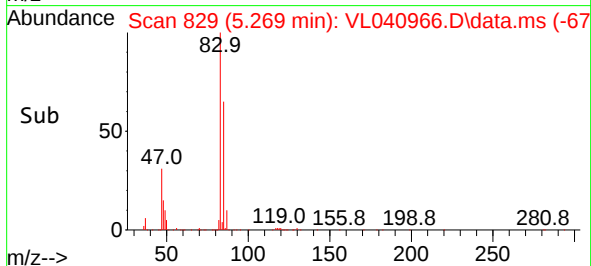
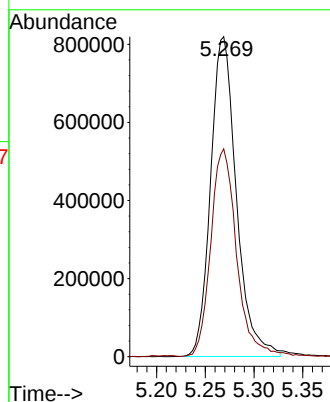
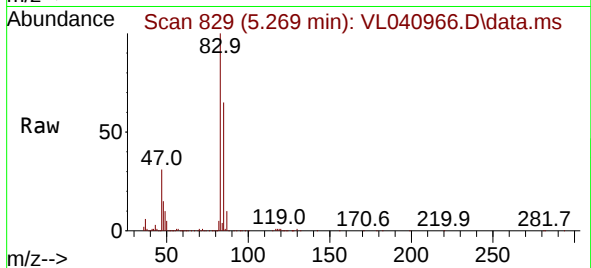
85 64.8 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#30

Cyclohexane

Concen: 11.720 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

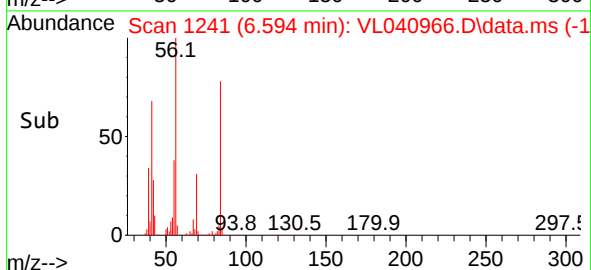
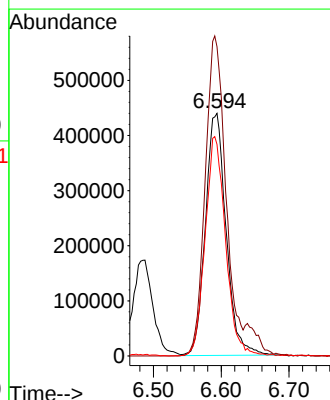
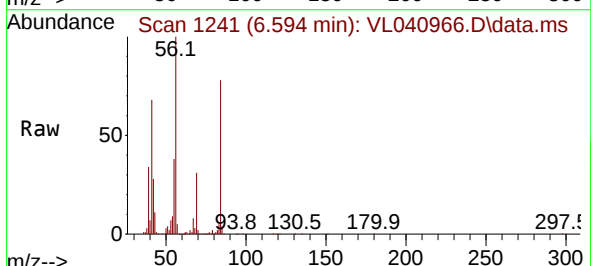
Tgt Ion: 84 Resp: 934482

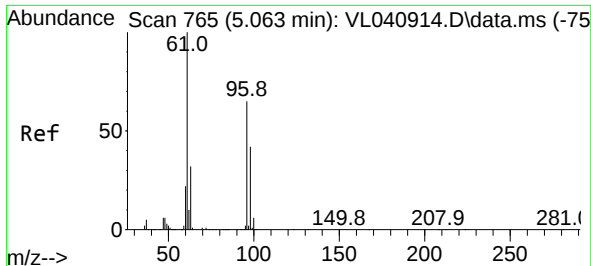
Ion Ratio Lower Upper

84 100

56 139.5 111.4 167.2

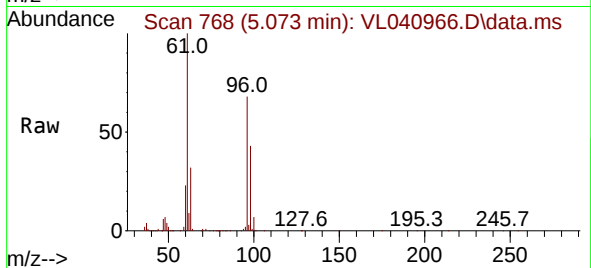
41 89.8 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 9.993 ppbv
RT: 5.073 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

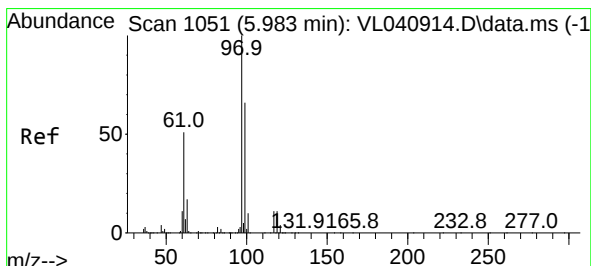
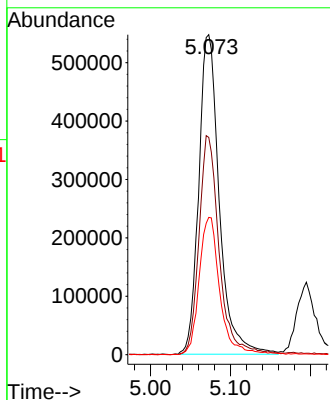
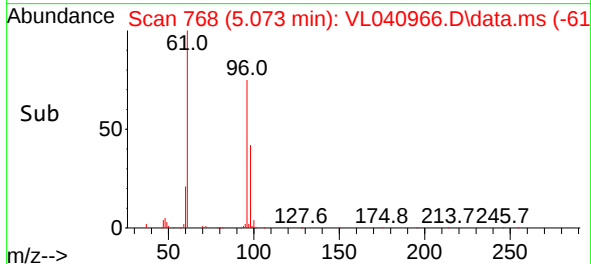
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion: 61 Resp: 98177
Ion Ratio Lower Upper
61 100
96 67.9 51.7 77.5
98 42.9 33.2 49.8

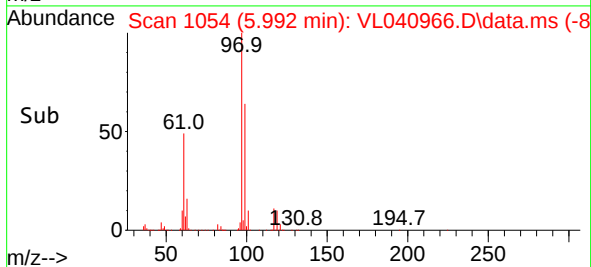
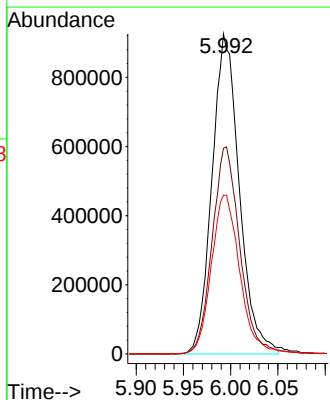
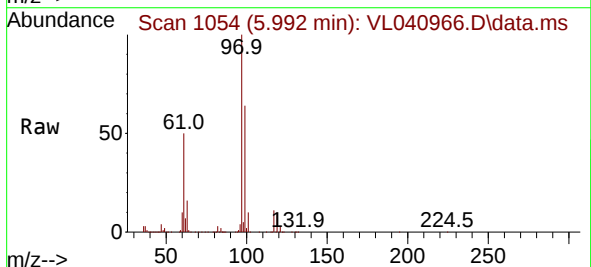
Manual Integrations
APPROVED

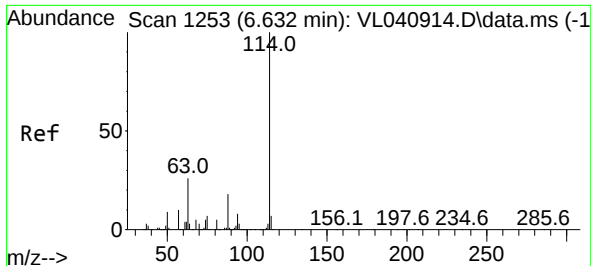
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#32
1,1,1-Trichloroethane
Concen: 11.910 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

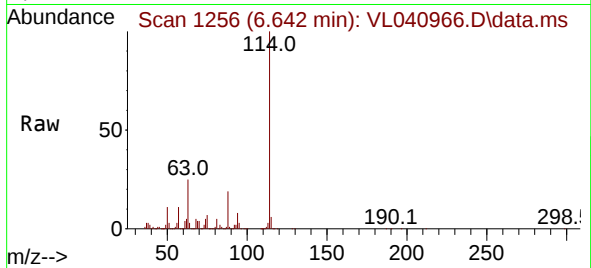
Tgt Ion: 97 Resp: 1858458
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.6
61 52.3 41.0 61.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

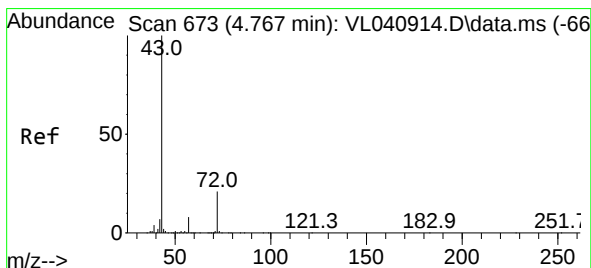
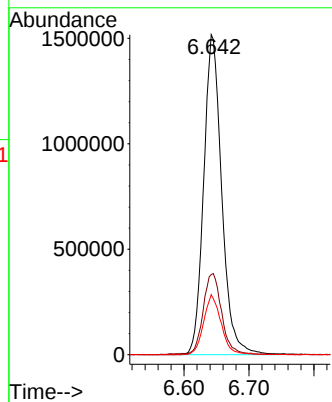
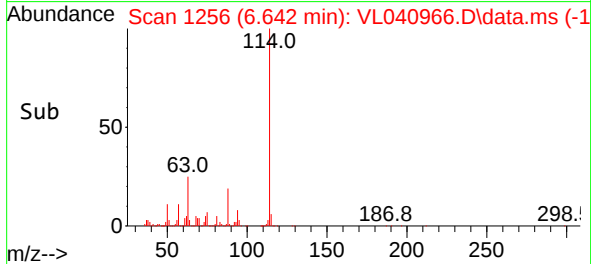
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion:114 Resp: 2936610
Ion Ratio Lower Upper
114 100
63 26.4 21.0 31.6
88 18.2 14.3 21.5

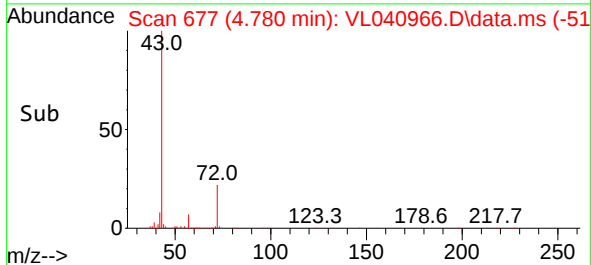
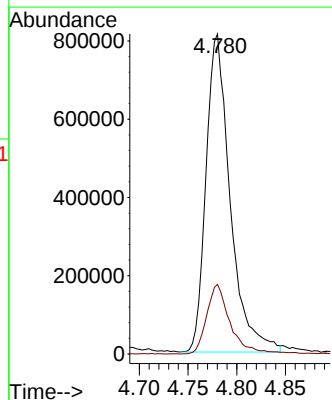
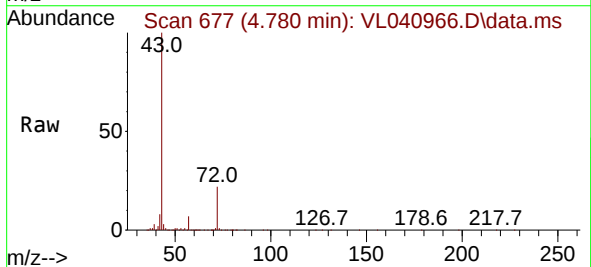
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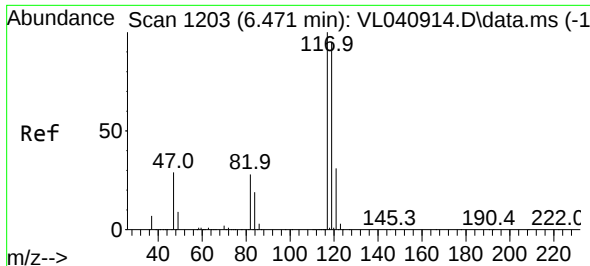
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#34
2-Butanone
Concen: 9.026 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

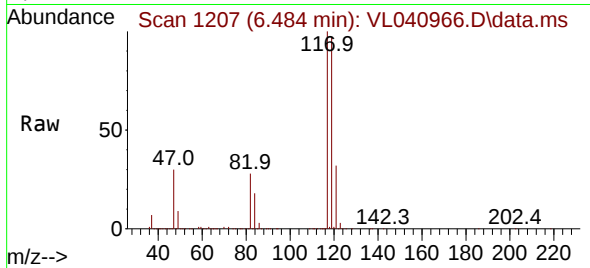
Tgt Ion: 43 Resp: 1402079
Ion Ratio Lower Upper
43 100
72 21.7 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.893 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

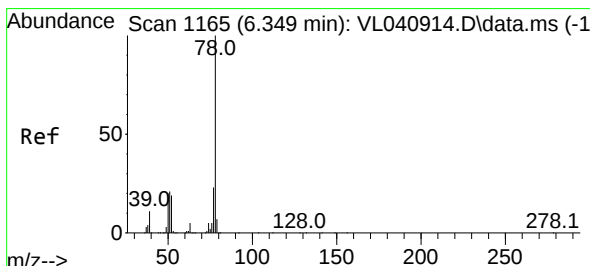
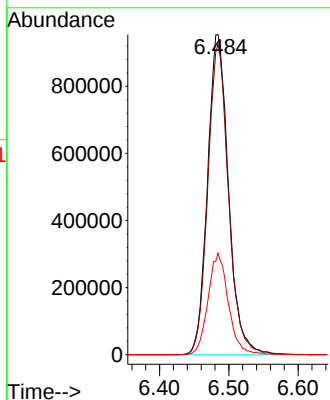
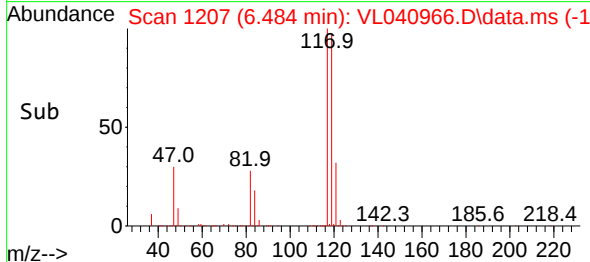
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



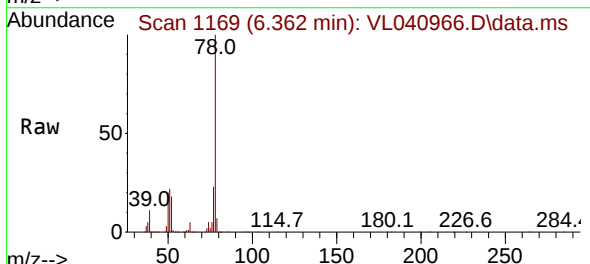
Tgt Ion: 117 Resp: 200326
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 31.7 24.9 37.3

Manual Integrations
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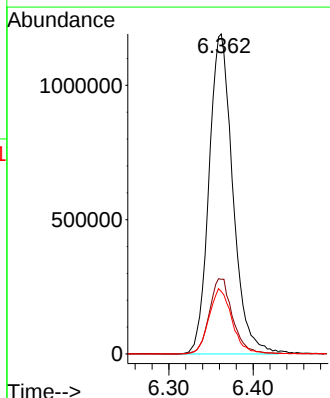
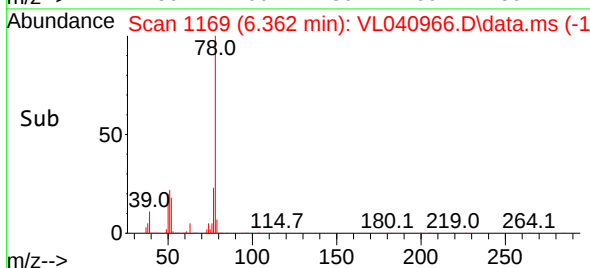
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

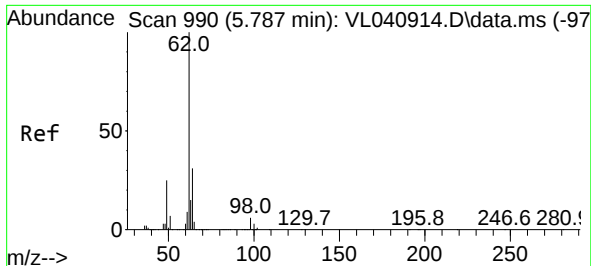


#36
Benzene
Concen: 10.184 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



Tgt Ion: 78 Resp: 2337905
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6
50 19.5 16.0 24.0





#37

1,2-Dichloroethane

Concen: 10.533 ppbv

RT: 5.796 min Scan# 990

Delta R.T. 0.006 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 62 Resp: 144890

Ion Ratio Lower Upper

62 100

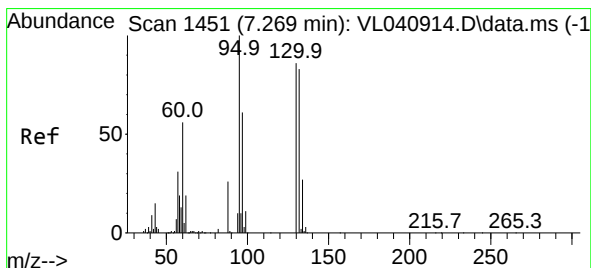
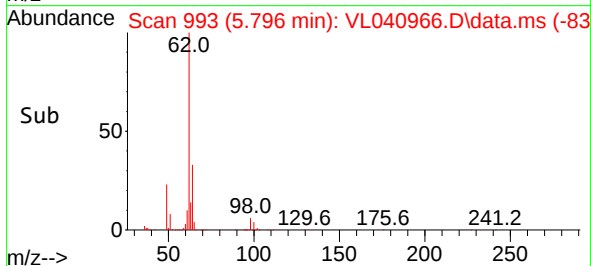
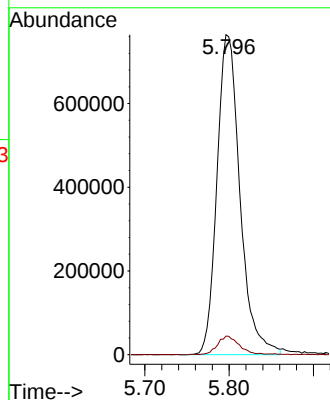
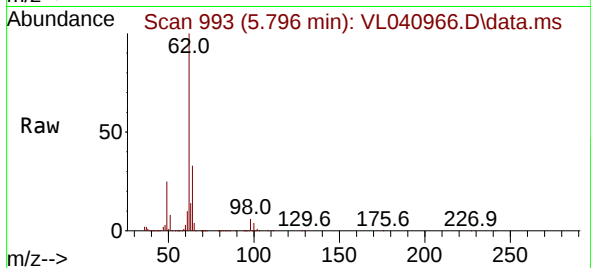
98 5.7 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#38

Trichloroethene

Concen: 10.473 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.013 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Tgt Ion:130 Resp: 902959

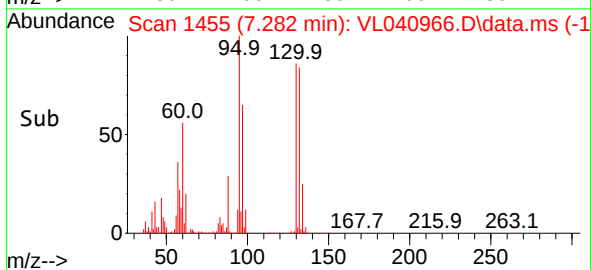
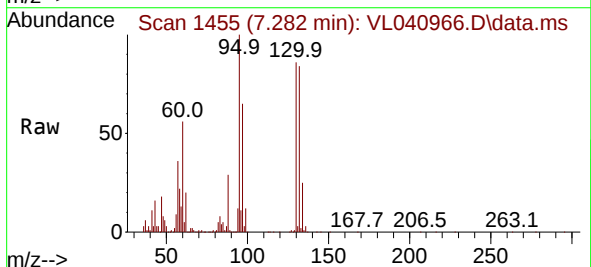
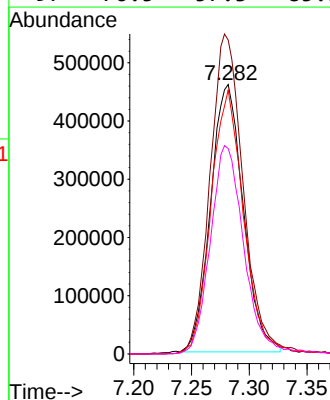
Ion Ratio Lower Upper

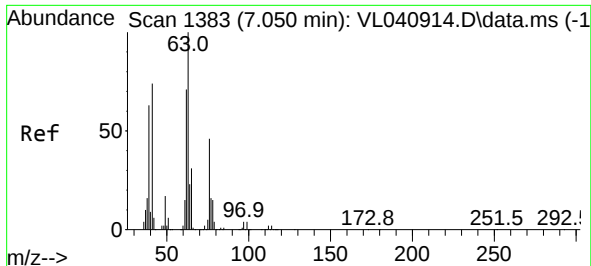
130 100

95 116.9 93.5 140.3

132 97.8 77.4 116.2

97 76.5 57.3 85.9





#39

1,2-Dichloropropane

Concen: 10.318 ppbv

RT: 7.060 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 63 Resp: 93085

Ion Ratio Lower Upper

63 100

41 75.2 59.0 88.6

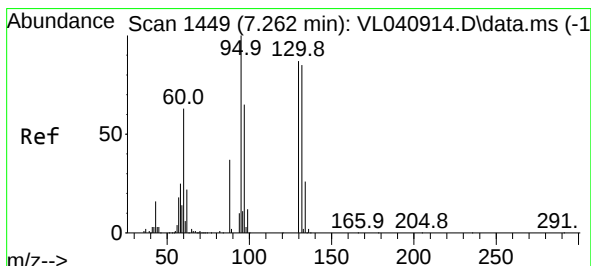
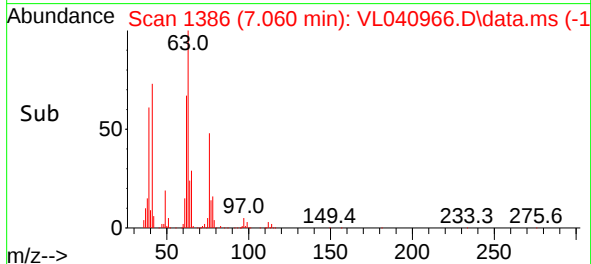
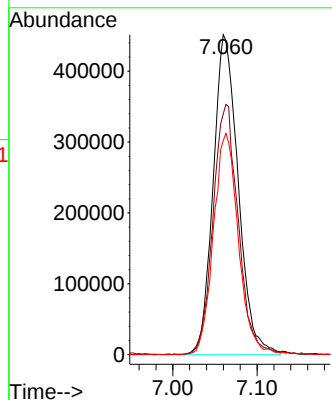
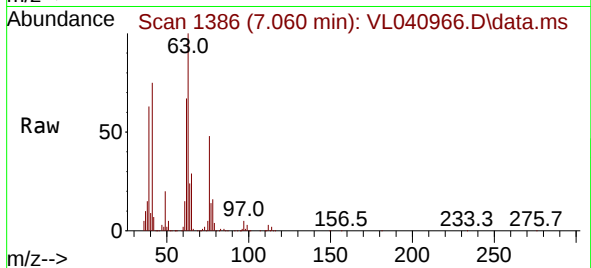
62 66.7 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#40

1,4-Dioxane

Concen: 10.268 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Tgt Ion: 88 Resp: 391111

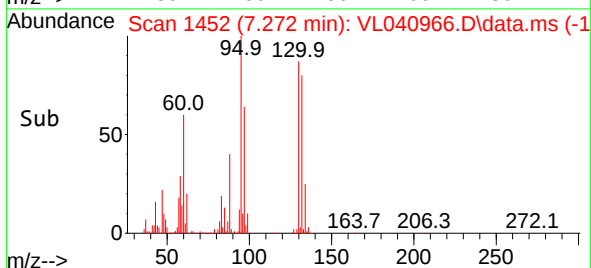
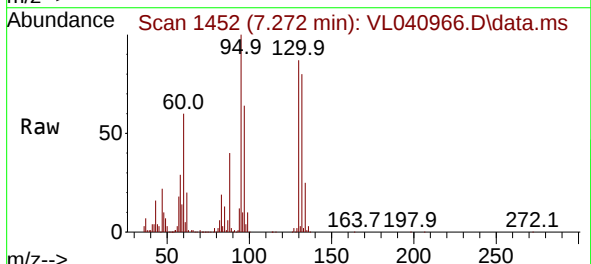
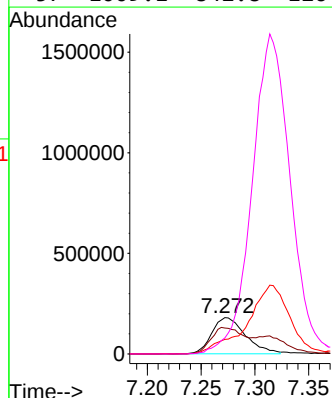
Ion Ratio Lower Upper

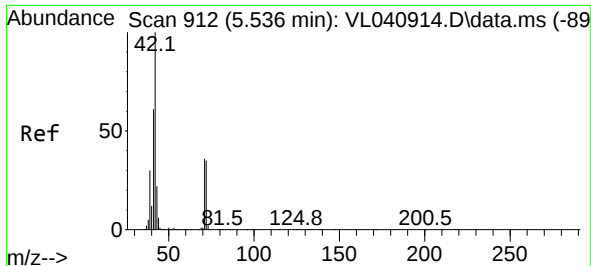
88 100

58 120.9 97.3 145.9

43 241.2 200.6 300.8

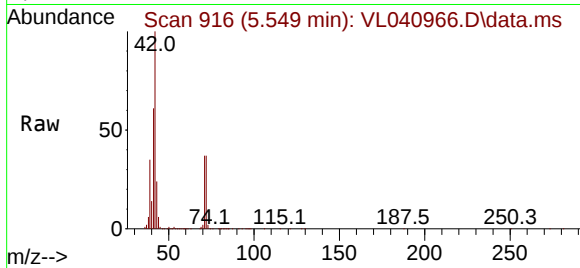
57 1009.1 842.8 1264.2





#41
Tetrahydrofuran
Concen: 10.243 ppbv
RT: 5.549 min Scan# 912
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

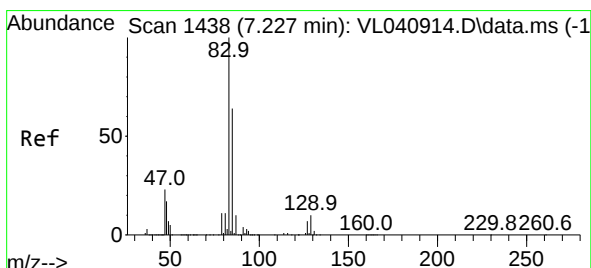
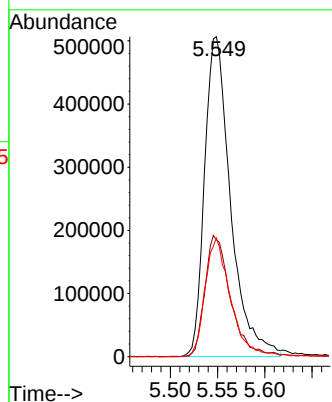
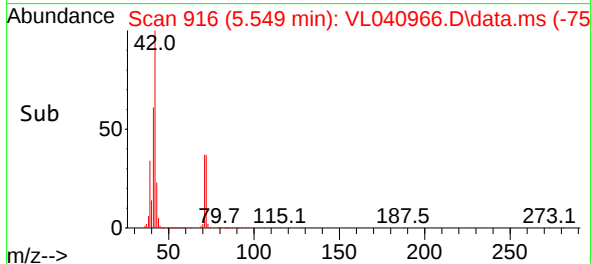
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion: 42 Resp: 968084
Ion Ratio Lower Upper
42 100
72 38.0 29.6 44.4
71 36.8 29.1 43.7

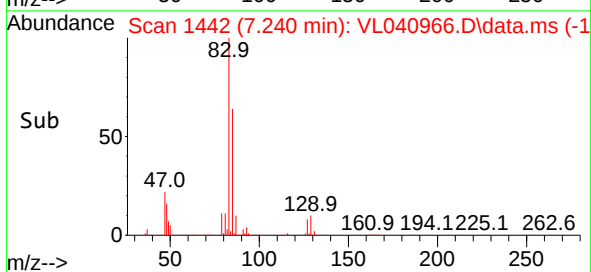
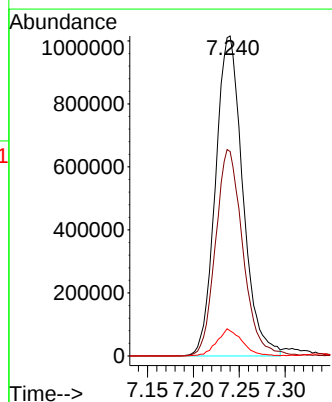
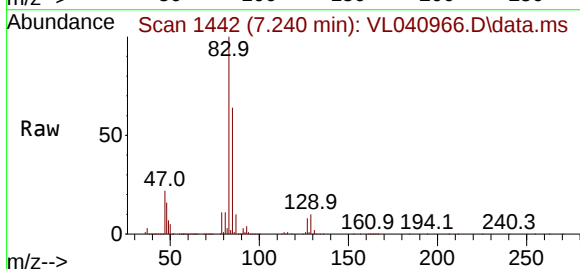
Manual Integrations
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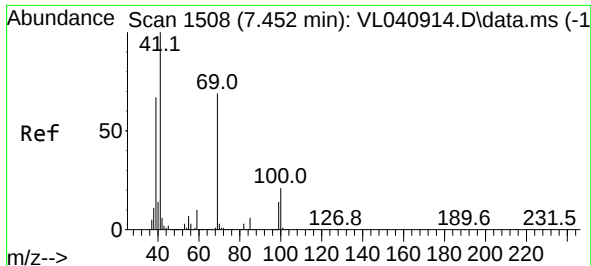
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#42
Bromodichloromethane
Concen: 10.591 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

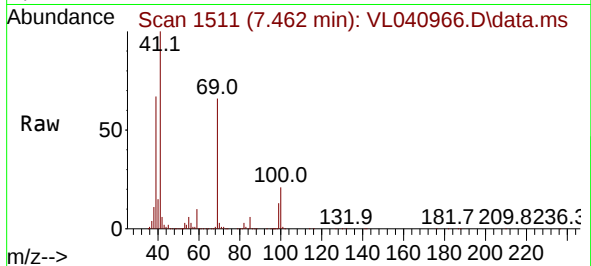
Tgt Ion: 83 Resp: 2101204
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 7.8 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.881 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

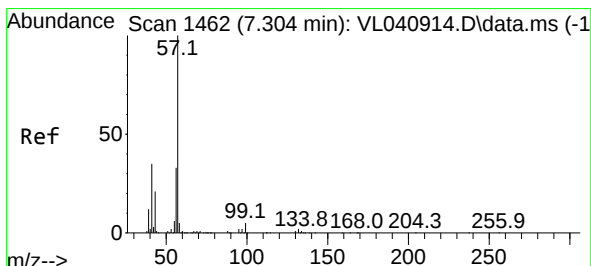
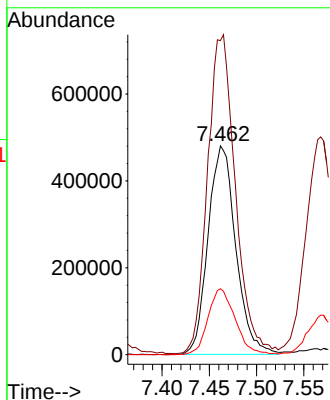
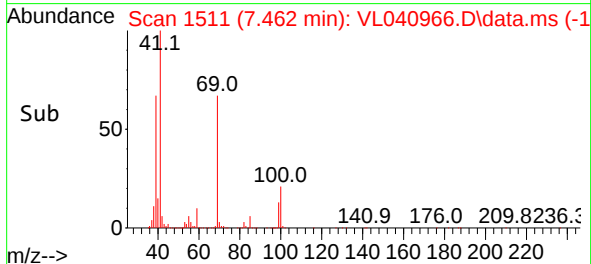
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



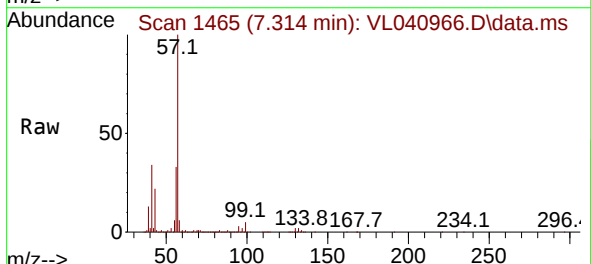
Tgt Ion: 69 Resp: 979750
Ion Ratio Lower Upper
69 100
41 154.1 119.9 179.9
100 31.0 25.1 37.7

Manual Integrations
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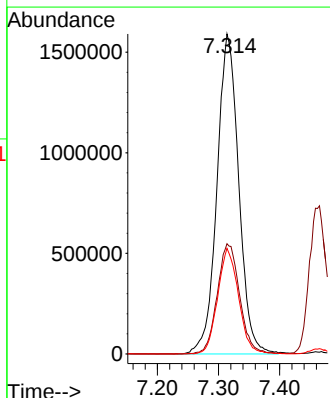
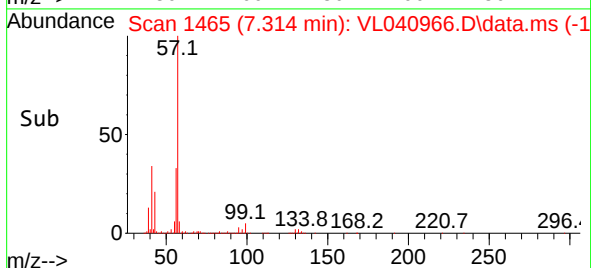
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

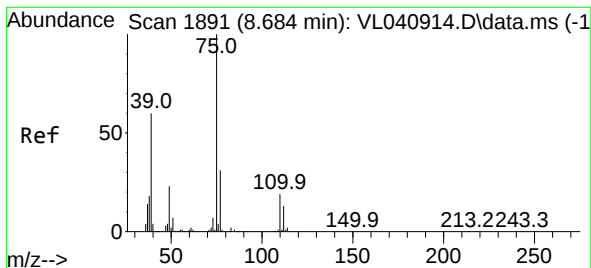


#44
2,2,4-Trimethylpentane
Concen: 10.099 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



Tgt Ion: 57 Resp: 3938104
Ion Ratio Lower Upper
57 100
41 35.5 28.2 42.4
56 31.7 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 12.559 ppbv

RT: 8.696 min Scan# 1895

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 75 Resp: 83899

Ion Ratio Lower Upper

75 100

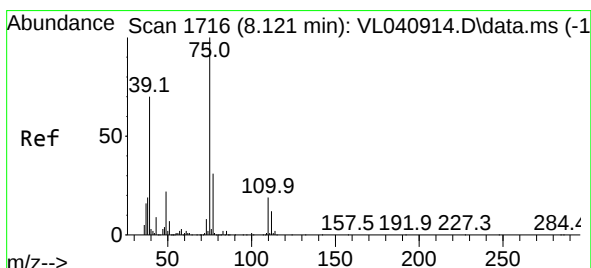
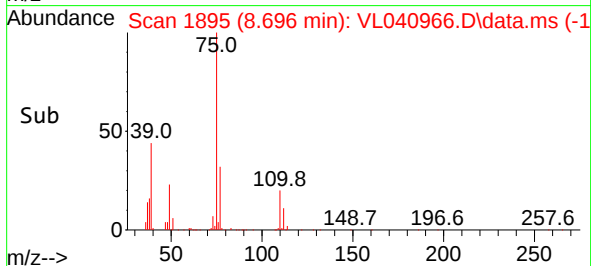
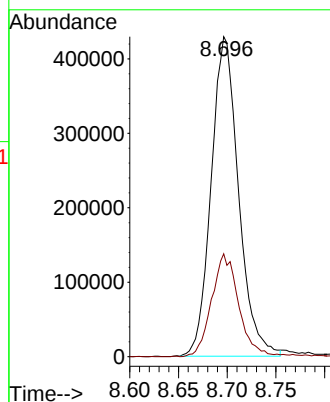
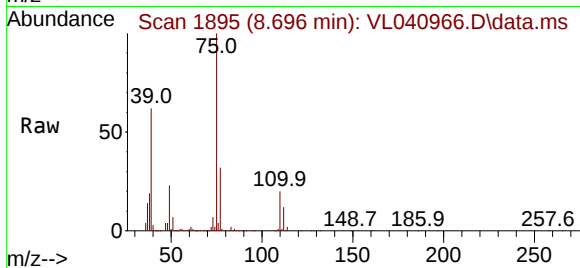
77 32.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#46

cis-1,3-Dichloropropene

Concen: 11.953 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

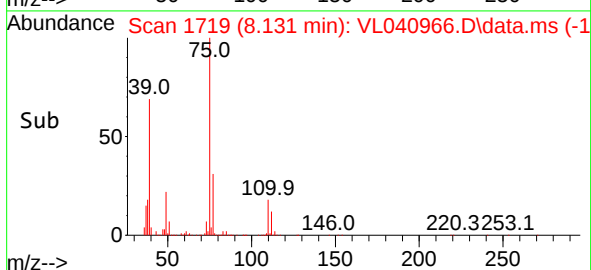
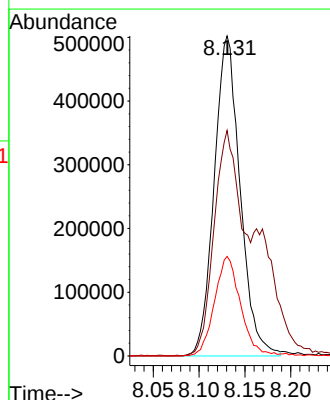
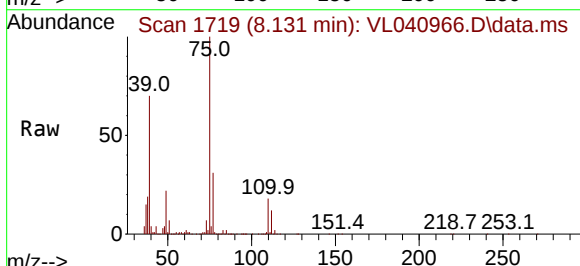
Tgt Ion: 75 Resp: 988655

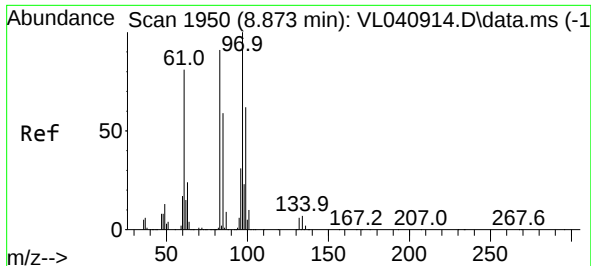
Ion Ratio Lower Upper

75 100

39 70.4 56.2 84.4

77 31.1 24.5 36.7





#47

1,1,2-Trichloroethane

Concen: 10.371 ppbv

RT: 8.886 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion: 97 Resp: 99238

Ion Ratio Lower Upper

97 100

83 89.3 72.6 108.8

85 57.9 47.4 71.0

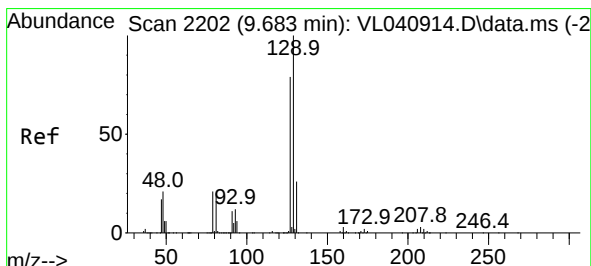
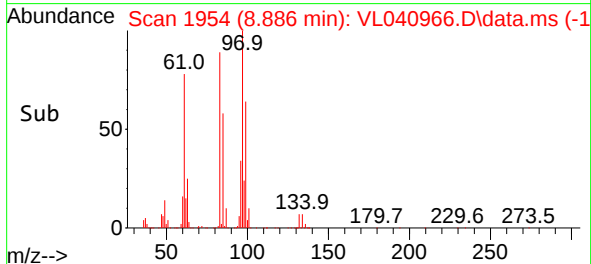
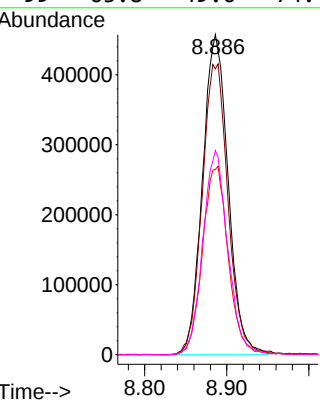
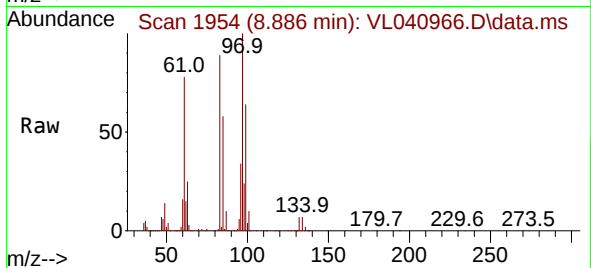
99 63.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#48

Dibromochloromethane

Concen: 10.906 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.013 min

Lab File: VL040966.D

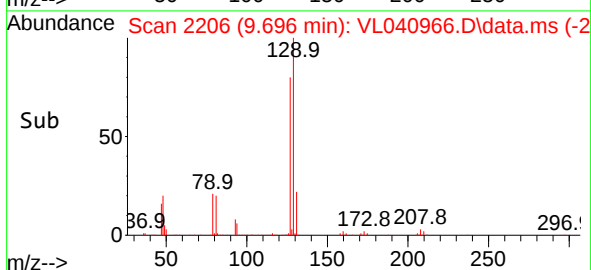
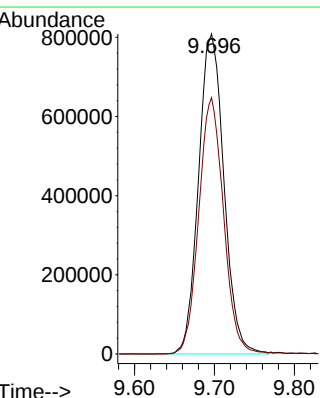
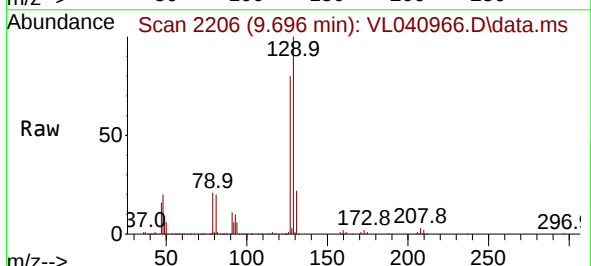
Acq: 15 Jan 2024 12:21

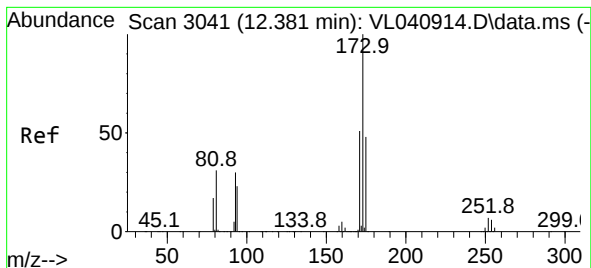
Tgt Ion:129 Resp: 1781516

Ion Ratio Lower Upper

129 100

127 78.5 39.6 119.0





#49

Bromoform

Concen: 11.311 ppbv

RT: 12.394 min Scan# 3041

Delta R.T. 0.010 min

Lab File: VL040966.D

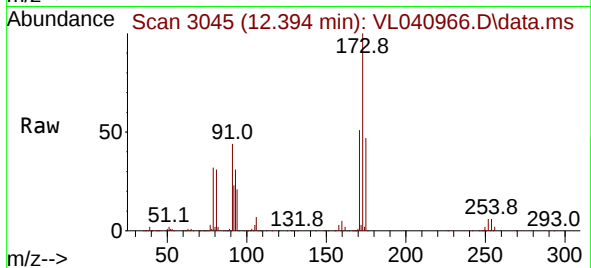
Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01



Tgt Ion: 173 Resp: 1425619

Ion Ratio Lower Upper

173 100

175 48.7 39.3 58.9

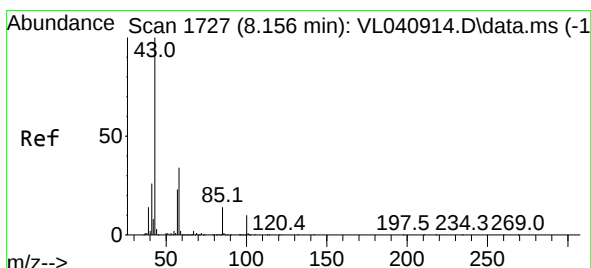
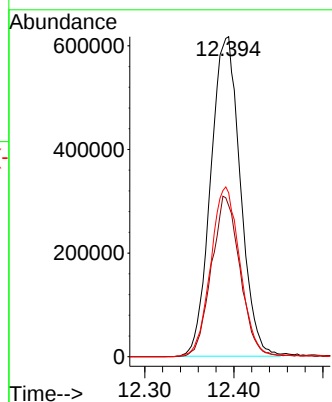
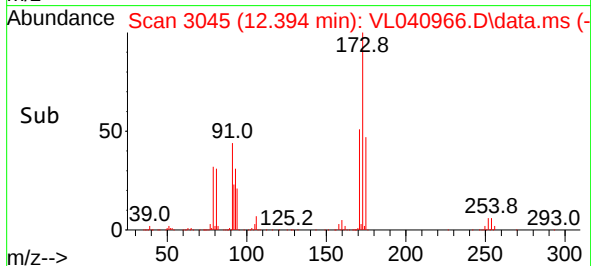
171 53.3 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#50

4-Methyl-2-Pentanone

Concen: 10.643 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. 0.006 min

Lab File: VL040966.D

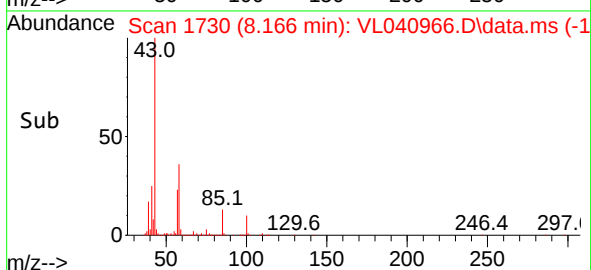
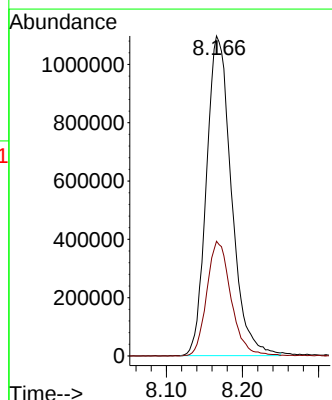
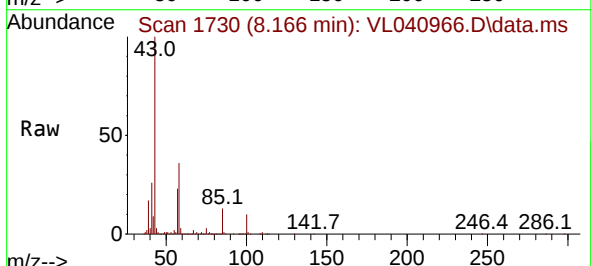
Acq: 15 Jan 2024 12:21

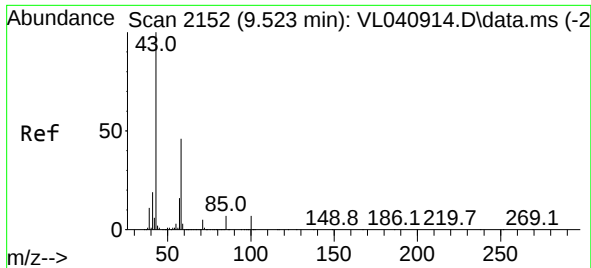
Tgt Ion: 43 Resp: 2503919

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.0





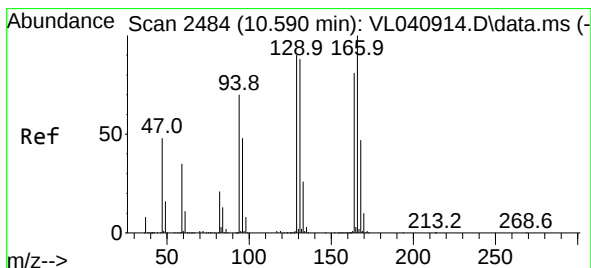
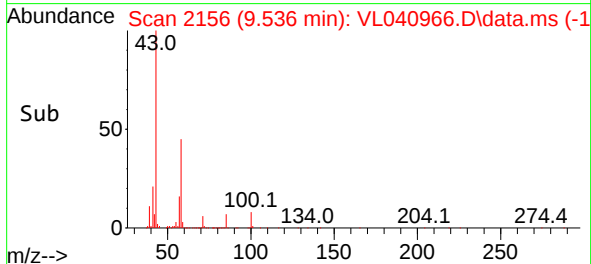
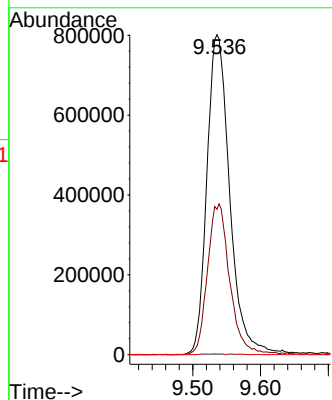
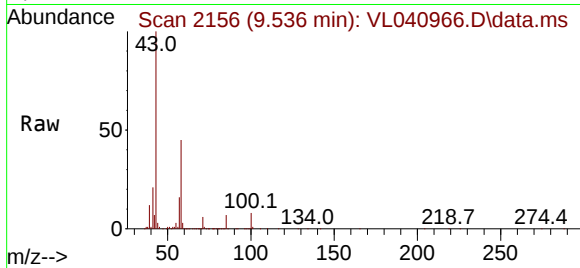
#51
2-Hexanone
Concen: 11.013 ppbv
RT: 9.536 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 43 Resp: 1864890
Ion Ratio Lower Upper
43 100
58 46.5 37.3 55.9
98 0.1 0.2 0.2

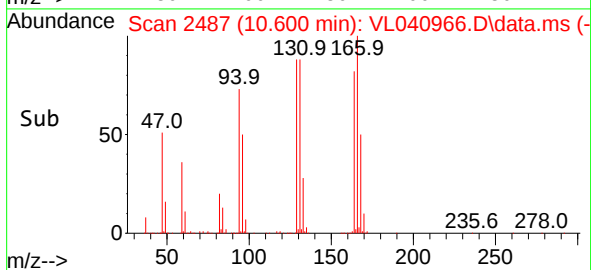
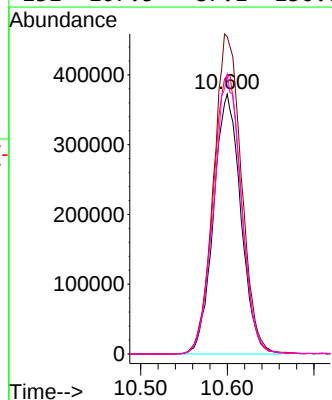
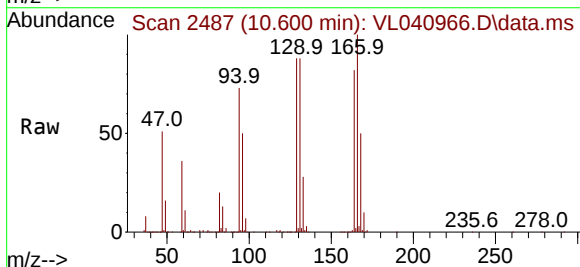
Manual Integrations
APPROVED

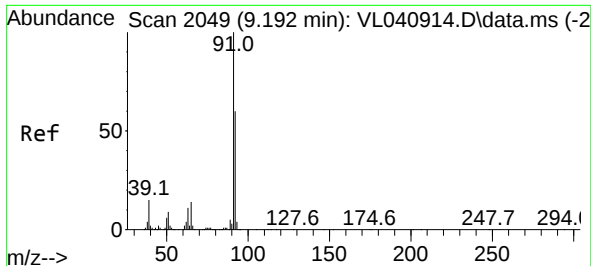
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#52
Tetrachloroethene
Concen: 10.534 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion:164 Resp: 814644
Ion Ratio Lower Upper
164 100
166 122.0 98.9 148.3
129 107.0 88.7 133.1
131 107.5 87.1 130.7





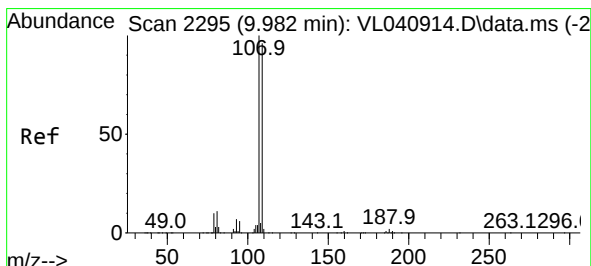
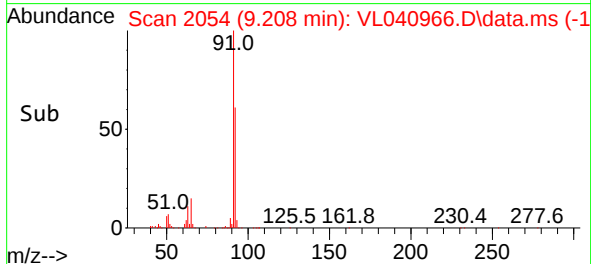
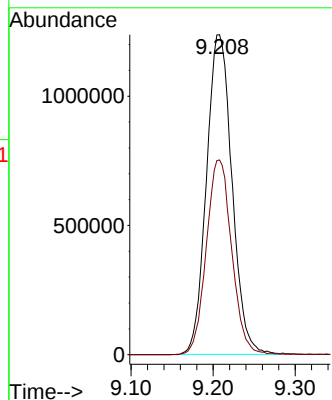
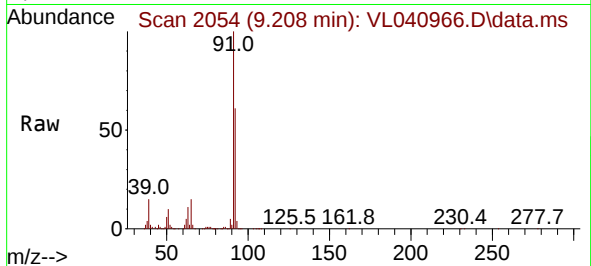
#53
Toluene
Concen: 10.516 ppbv
RT: 9.208 min Scan# 2049
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 91 Resp: 2676840
Ion Ratio Lower Upper
91 100
92 60.8 49.2 73.8

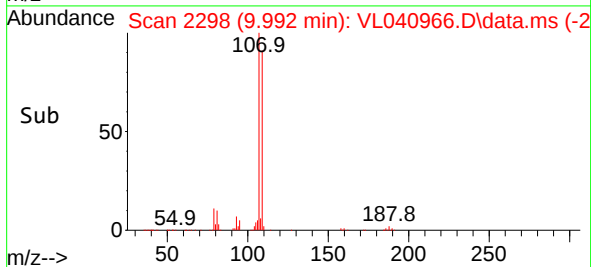
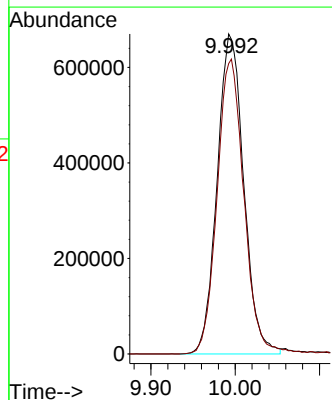
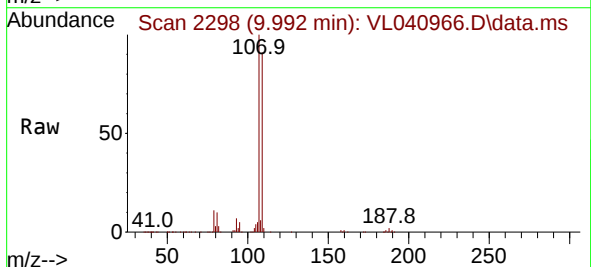
Manual Integrations
APPROVED

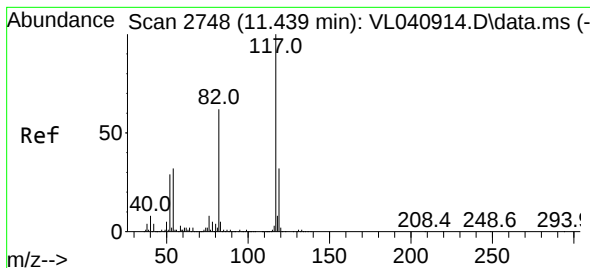
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#54
1,2-Dibromoethane
Concen: 11.163 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

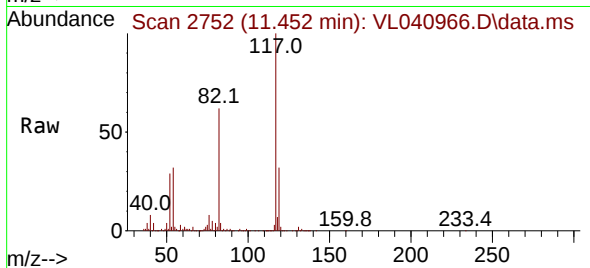
Tgt Ion:107 Resp: 1465966
Ion Ratio Lower Upper
107 100
109 90.8 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2752
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

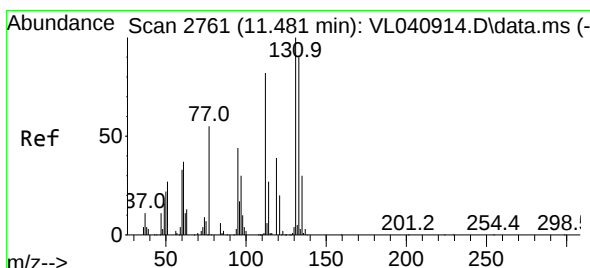
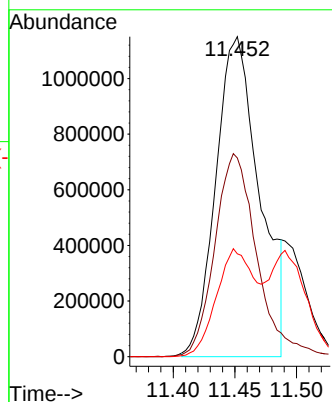
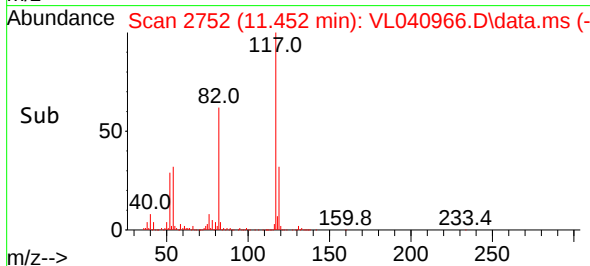
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



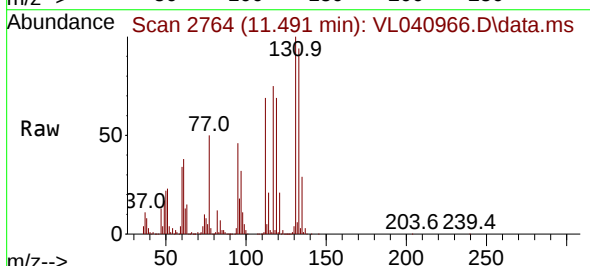
Tgt Ion:117 Resp: 283782
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 31.3 23.4 35.0

Manual Integrations
APPROVED

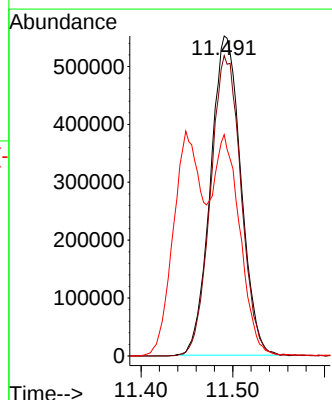
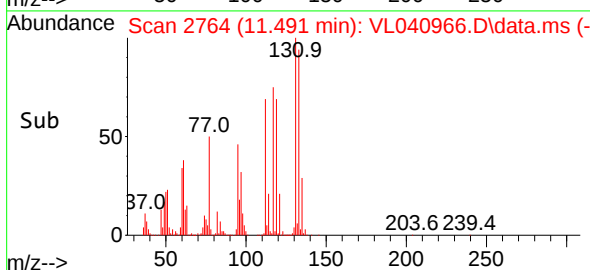
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

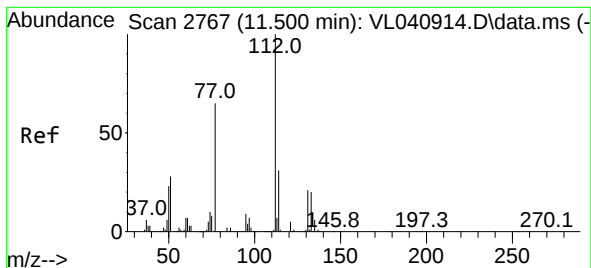


#56
1,1,1,2-Tetrachloroethane
Concen: 10.227 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



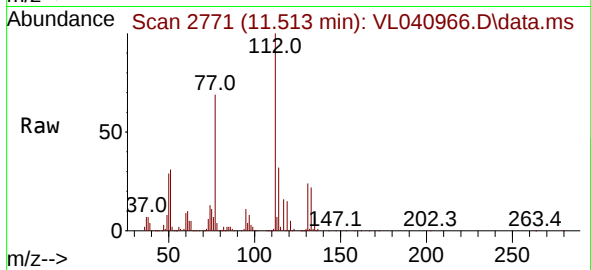
Tgt Ion:131 Resp: 1269198
Ion Ratio Lower Upper
131 100
133 94.8 76.3 114.5
119 59.1 48.6 73.0





#57
Chlorobenzene
Concen: 9.968 ppbv
RT: 11.513 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

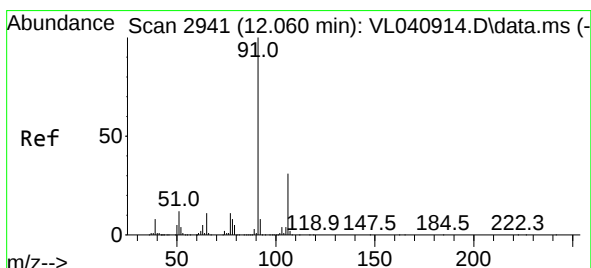
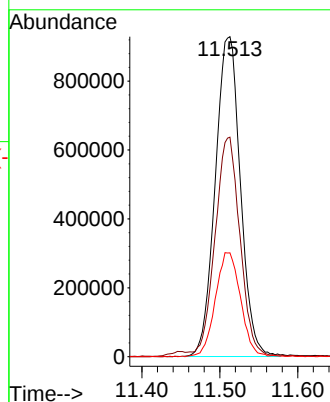
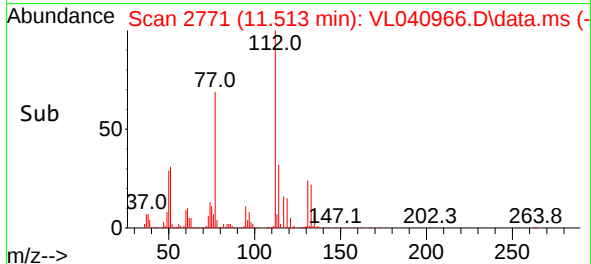
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



Tgt Ion:112 Resp: 208317
Ion Ratio Lower Upper
112 100
77 68.1 52.7 79.1
114 32.4 28.4 34.7

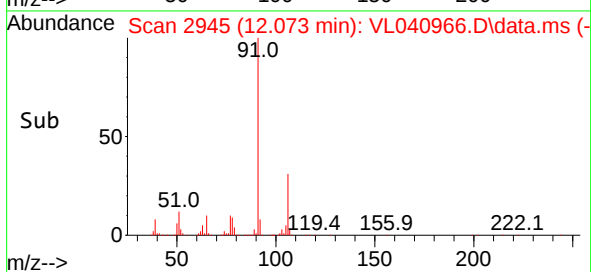
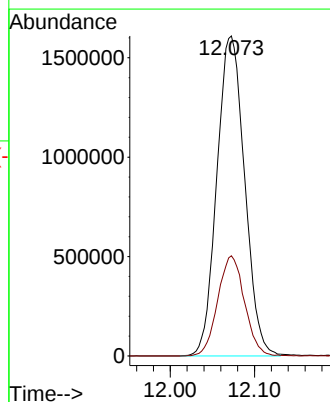
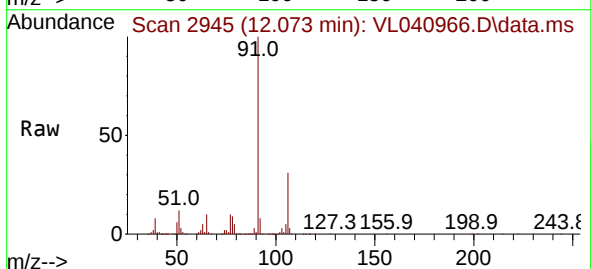
Manual Integrations
APPROVED

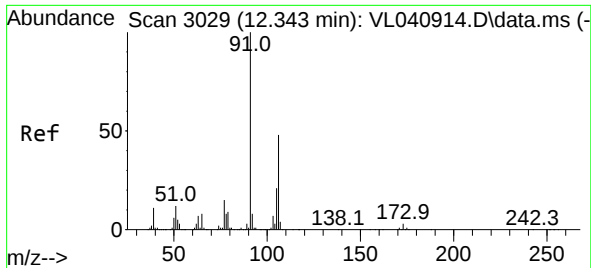
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#58
Ethyl Benzene
Concen: 10.106 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Tgt Ion: 91 Resp: 3683707
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





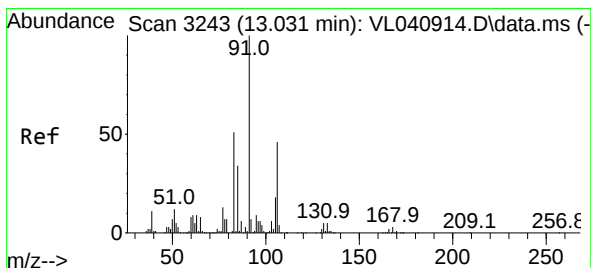
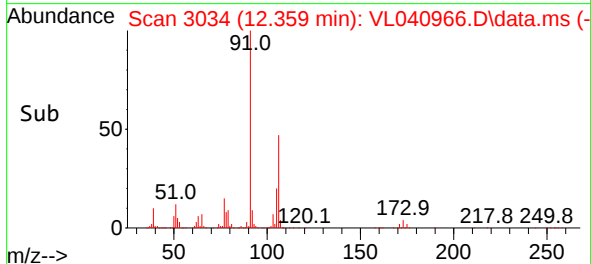
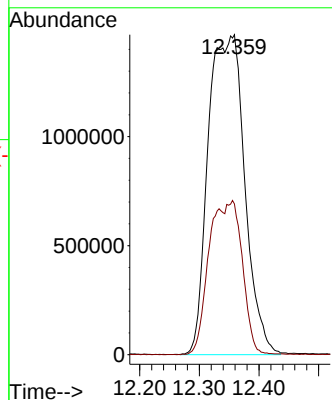
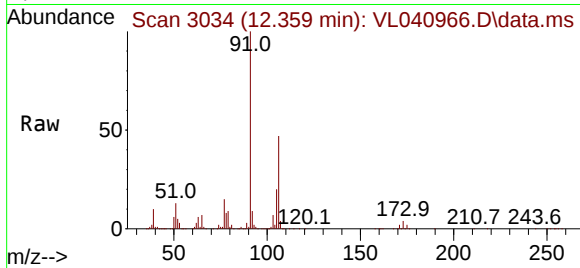
#59
m/p-Xylene
Concen: 20.116 ppbv m
RT: 12.359 min Scan# 3029
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01

Tgt Ion: 91 Resp: 623662
Ion Ratio Lower Upper
91 100
106 43.9 0.0 0.0

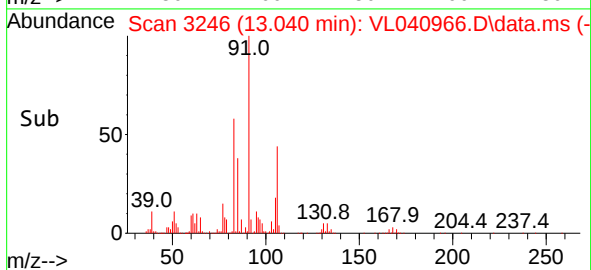
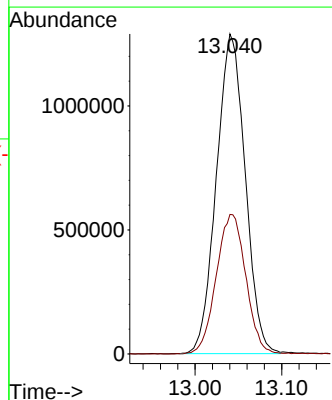
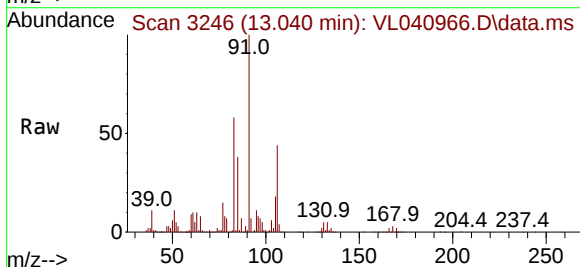
Manual Integrations
APPROVED

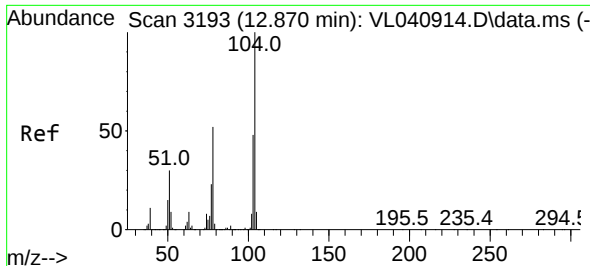
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#60
o-Xylene
Concen: 10.186 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

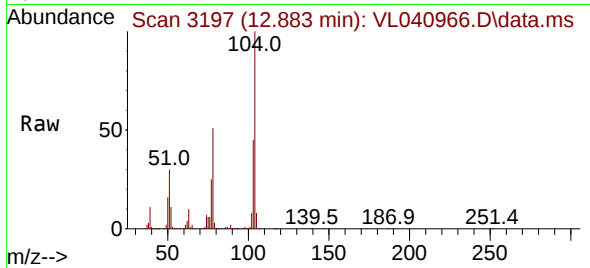
Tgt Ion: 91 Resp: 2975465
Ion Ratio Lower Upper
91 100
106 44.8 22.6 67.7





#61
Styrene
Concen: 11.021 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

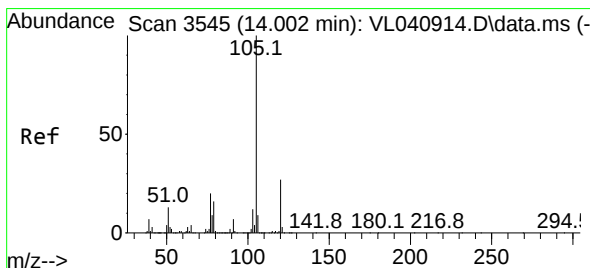
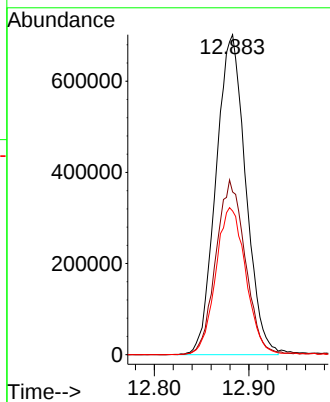
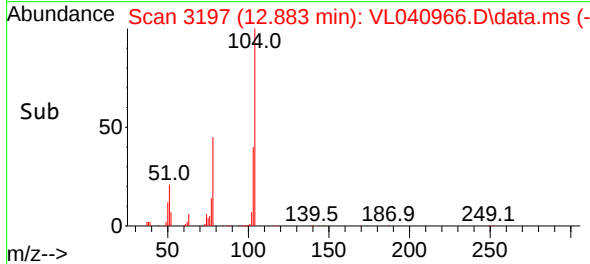
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



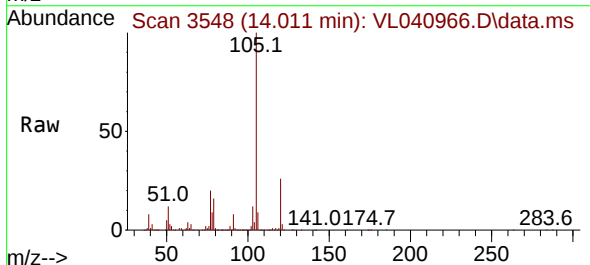
Tgt Ion:104 Resp: 153045
Ion Ratio Lower Upper
104 100
78 54.4 43.0 64.4
103 47.1 37.6 56.4

Manual Integrations
APPROVED

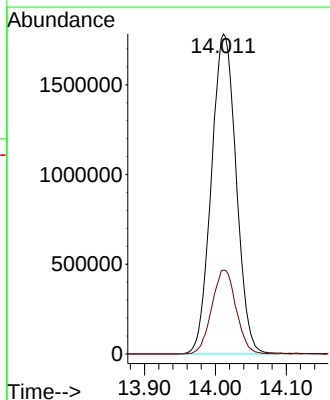
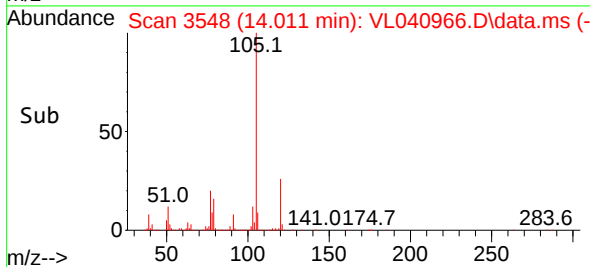
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

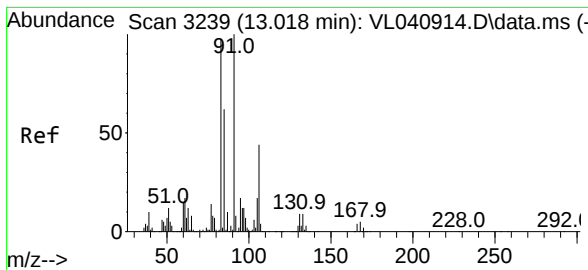


#62
Isopropylbenzene
Concen: 10.019 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



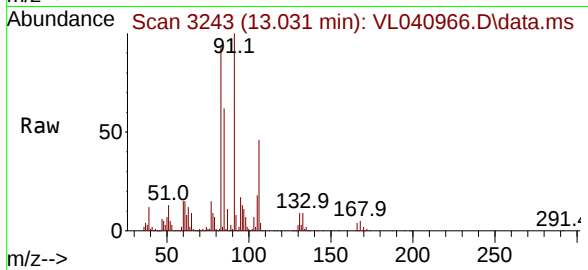
Tgt Ion:105 Resp: 4340264
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.334 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

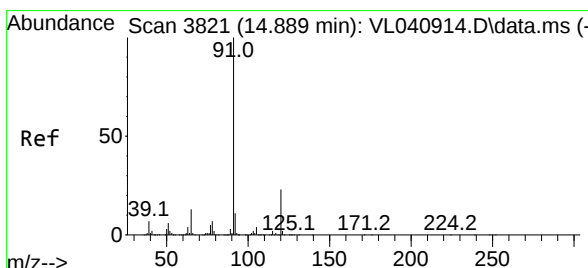
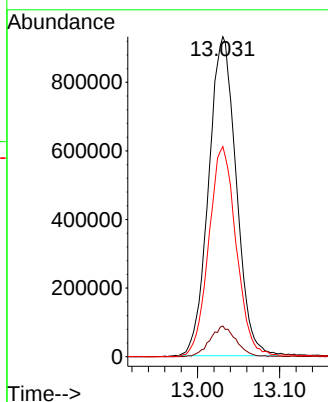
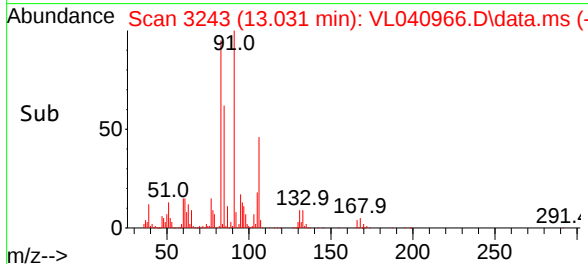
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



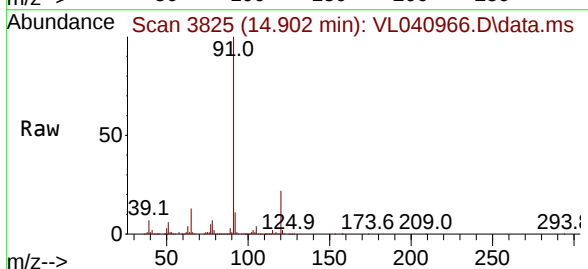
Tgt Ion: 83 Resp: 217480
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 66.5 32.6 98.0

Manual Integrations
APPROVED

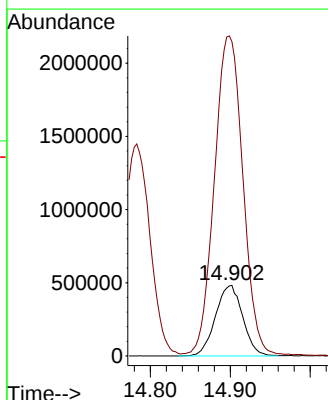
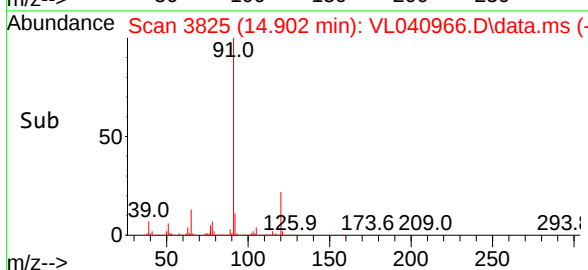
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

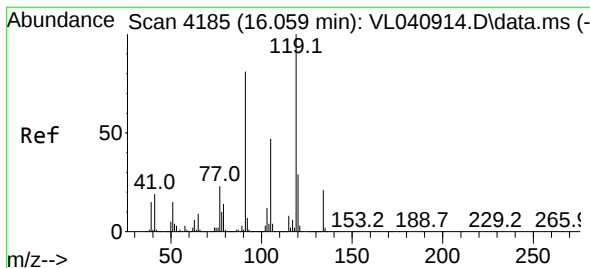


#64
n-propylbenzene
Concen: 10.493 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



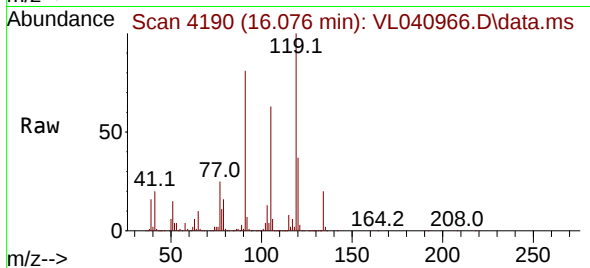
Tgt Ion:120 Resp: 1140212
Ion Ratio Lower Upper
120 100
91 476.4 381.9 572.9





#65
tert-Butylbenzene
Concen: 10.405 ppbv
RT: 16.076 min Scan# 4185
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

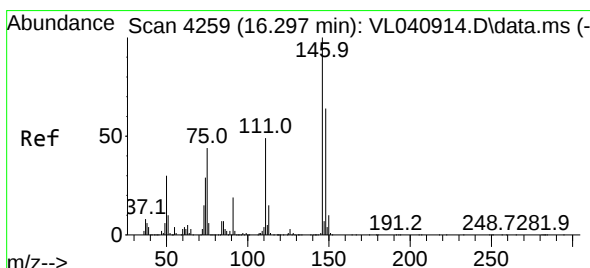
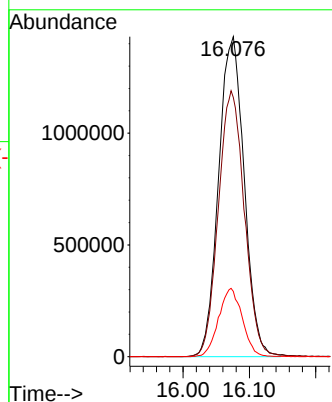
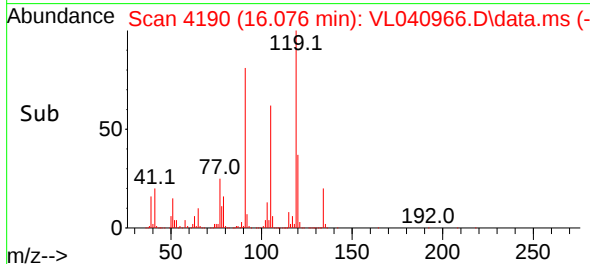
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



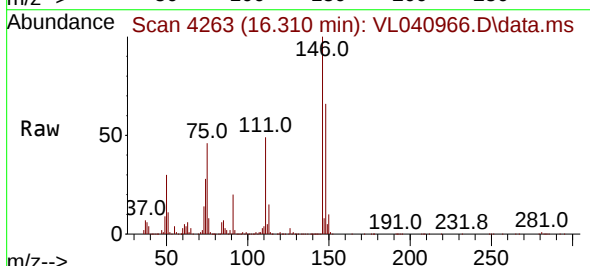
Tgt Ion: 119 Resp: 383156
Ion Ratio Lower Upper
119 100
91 84.5 67.2 100.8
134 19.8 15.8 23.6

Manual Integrations
APPROVED

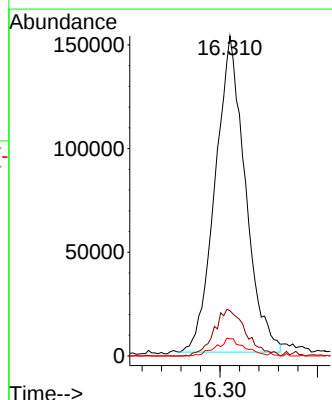
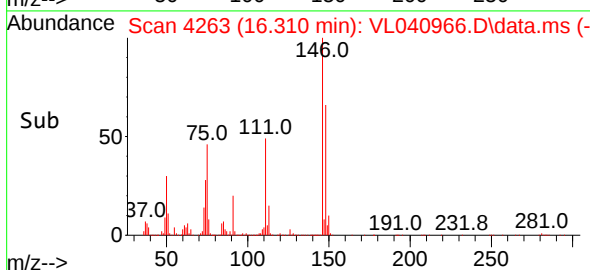
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

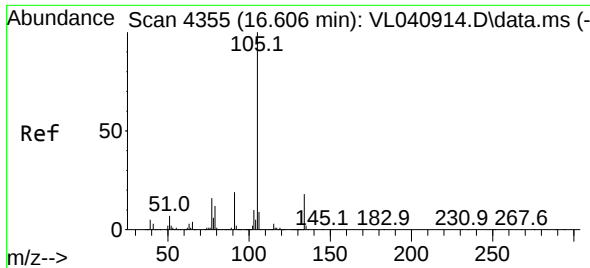


#66
Benzyl Chloride
Concen: 12.966 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. 0.013 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



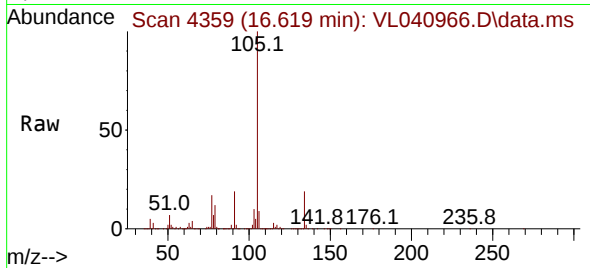
Tgt Ion: 91 Resp: 326715
Ion Ratio Lower Upper
91 100
126 15.8 14.1 21.1
128 5.4 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.061 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

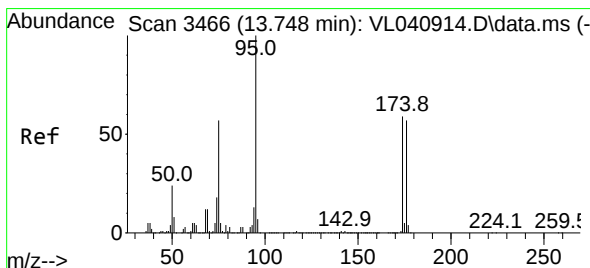
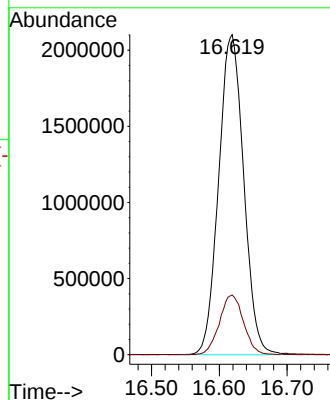
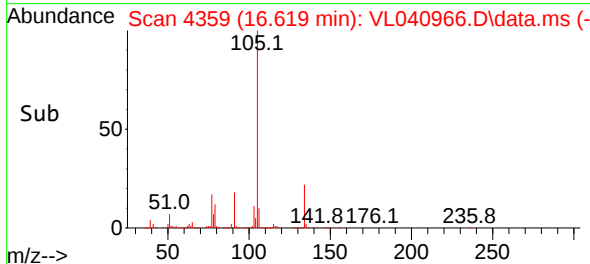
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0115ABS01



Tgt Ion: 105 Resp: 538426
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.4 21.6

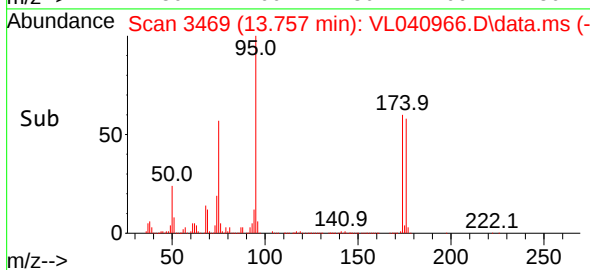
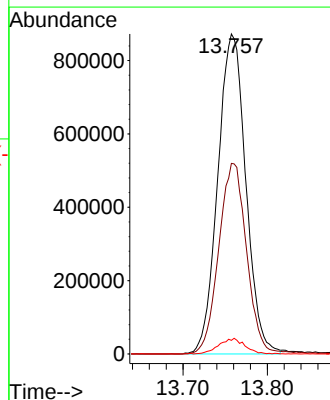
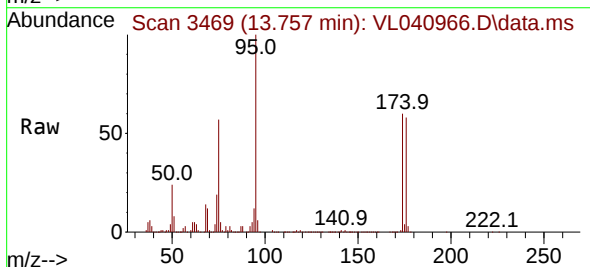
Manual Integrations
 APPROVED

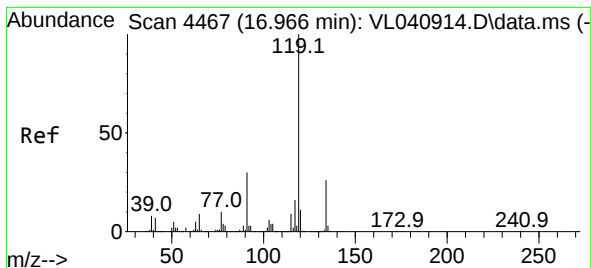
Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.628 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. 0.003 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

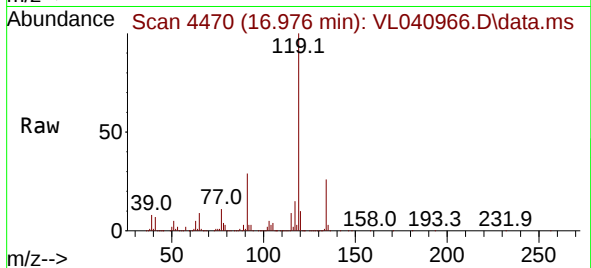
Tgt Ion: 95 Resp: 2012494
 Ion Ratio Lower Upper
 95 100
 174 59.9 48.0 72.0
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.535 ppbv
RT: 16.976 min Scan# 4467
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

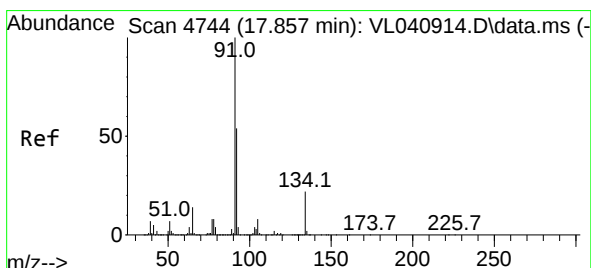
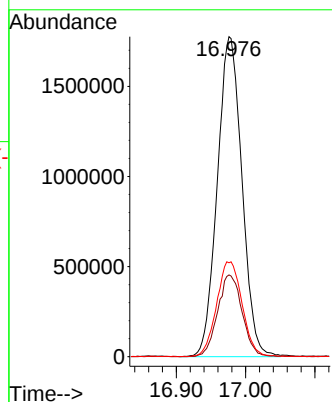
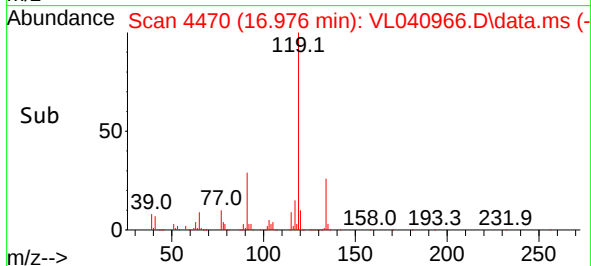
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



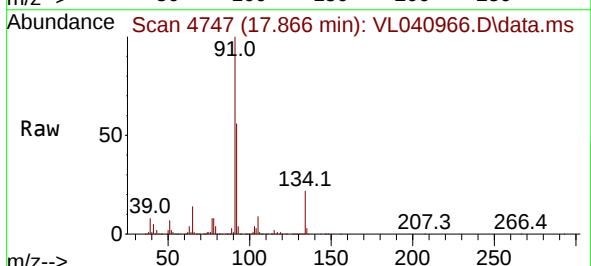
Tgt Ion:119 Resp: 438194
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 30.7 24.1 36.1

Manual Integrations
APPROVED

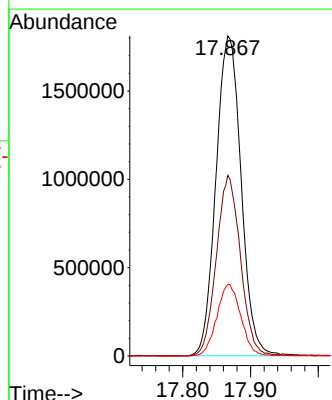
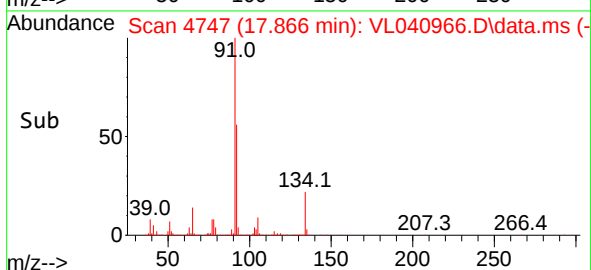
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

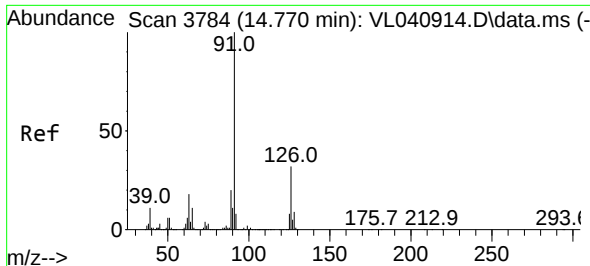


#70
n-Butylbenzene
Concen: 10.789 ppbv
RT: 17.866 min Scan# 4747
Delta R.T. 0.003 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



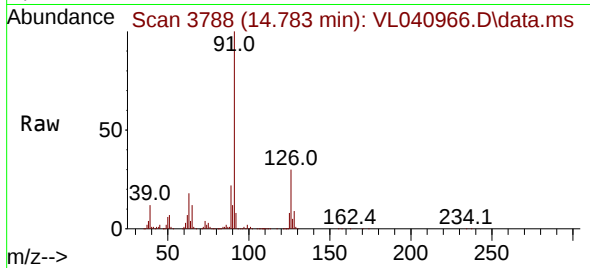
Tgt Ion: 91 Resp: 4659131
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 21.5 17.6 26.4





#71
2-Chlorotoluene
Concen: 10.223 ppbv
RT: 14.783 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

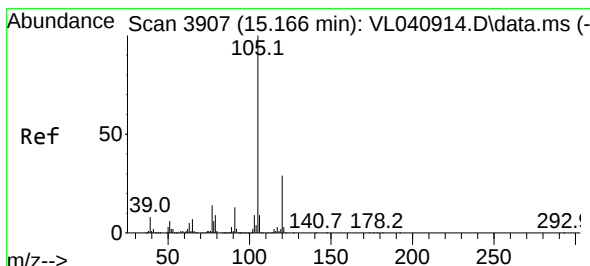
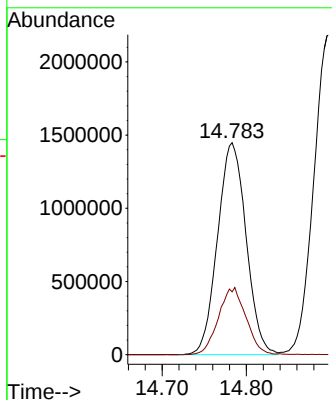
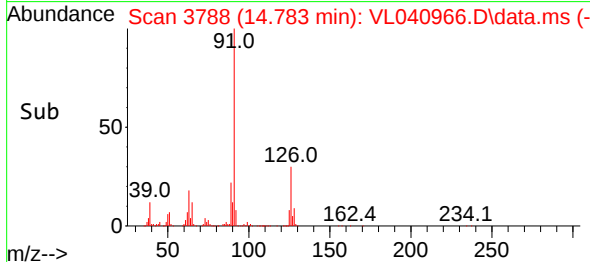
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



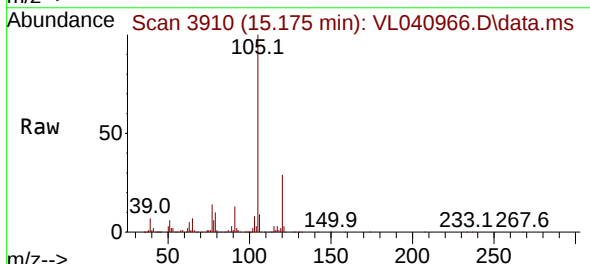
Tgt Ion: 91 Resp: 3410650
Ion Ratio Lower Upper
91 100
126 30.7 12.4 49.6

Manual Integrations
APPROVED

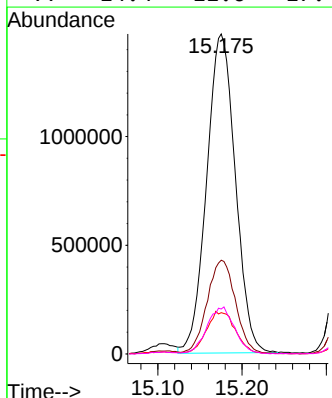
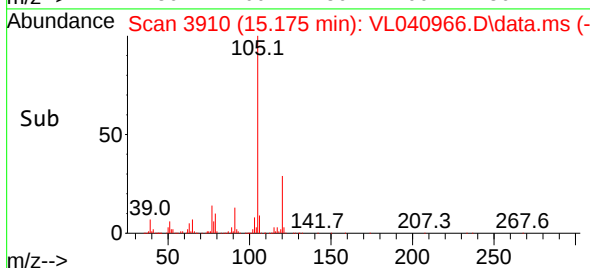
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

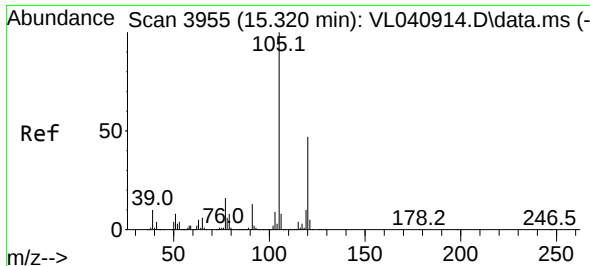


#72
4-Ethyltoluene
Concen: 10.826 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



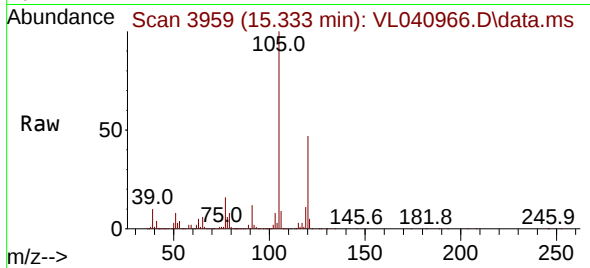
Tgt Ion:105 Resp: 3470797
Ion Ratio Lower Upper
105 100
120 30.3 23.8 35.8
91 13.5 10.9 16.3
77 14.4 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 10.740 ppbv
RT: 15.333 min Scan# 3955
Delta R.T. 0.003 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

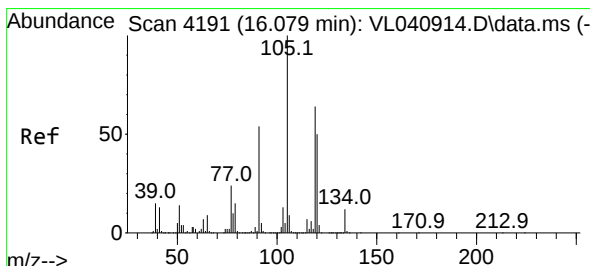
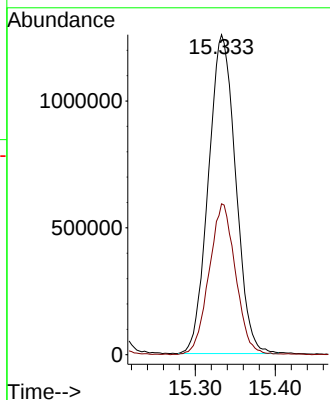
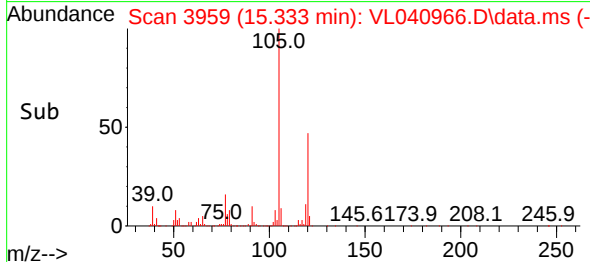
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



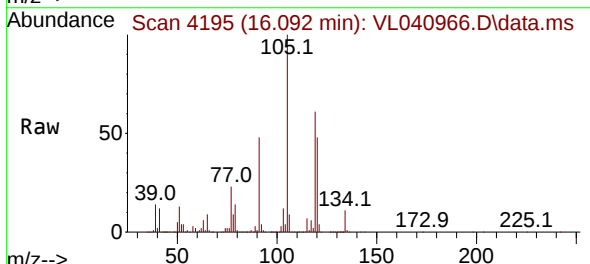
Tgt Ion:105 Resp: 297202
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.8

Manual Integrations
APPROVED

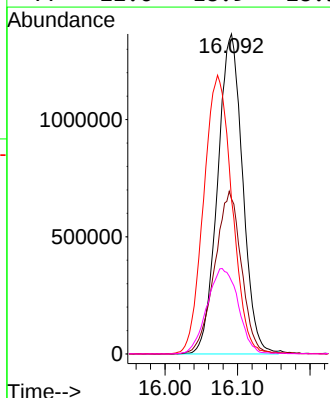
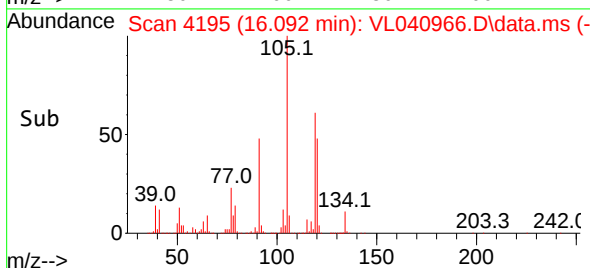
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

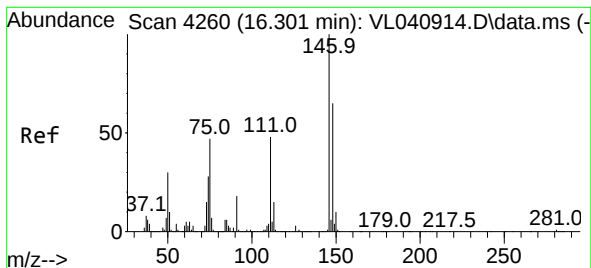


#74
1,2,4-Trimethylbenzene
Concen: 10.620 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



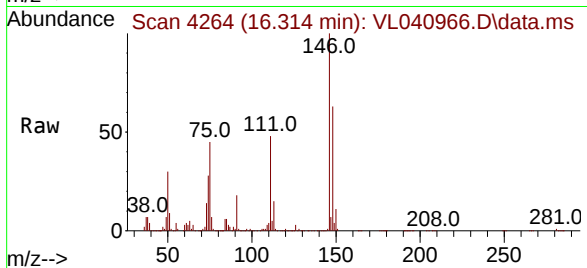
Tgt Ion:105 Resp: 3270706
Ion Ratio Lower Upper
105 100
120 48.4 40.2 60.4
91 47.9 43.0 64.6
77 22.6 18.9 28.3





#75
1,3-Dichlorobenzene
Concen: 10.707 ppbv
RT: 16.314 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21

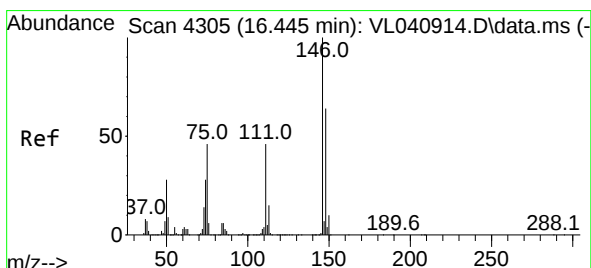
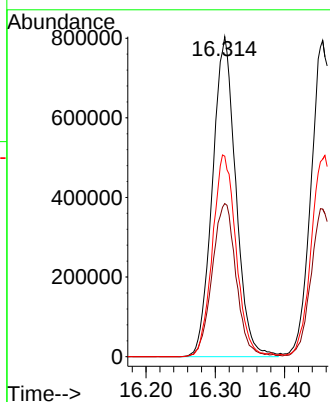
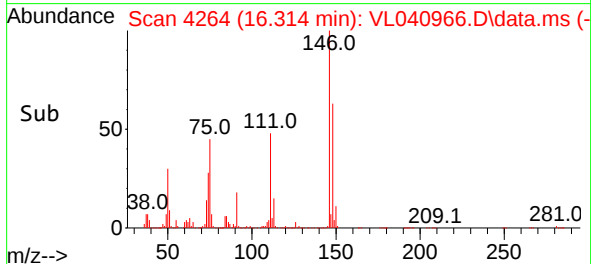
Instrument :
MSVOA_L
ClientSampleId :
VL0115ABS01



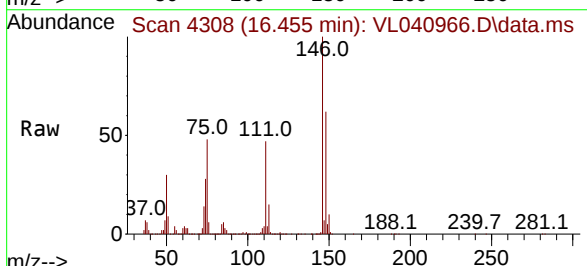
Tgt Ion:146 Resp: 188358
Ion Ratio Lower Upper
146 100
111 49.2 24.7 74.1
148 63.8 32.1 96.5

Manual Integrations
APPROVED

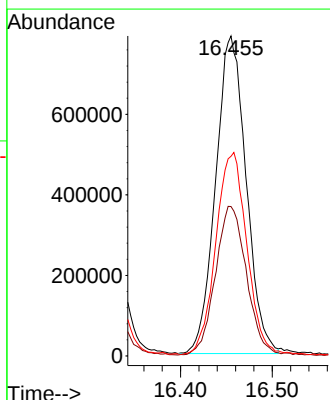
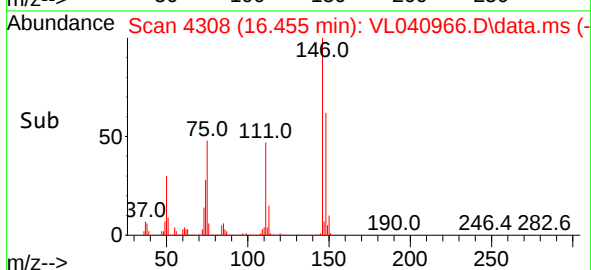
Reviewed By :Semsettin Yesilyurt 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

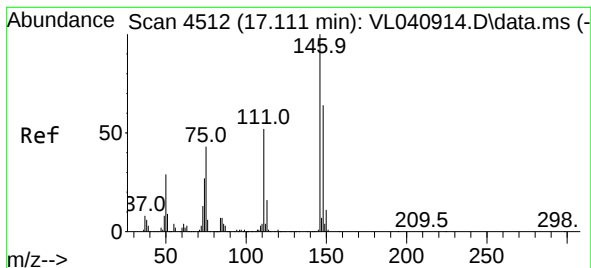


#76
1,4-Dichlorobenzene
Concen: 10.575 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. 0.006 min
Lab File: VL040966.D
Acq: 15 Jan 2024 12:21



Tgt Ion:146 Resp: 1819810
Ion Ratio Lower Upper
146 100
111 49.3 24.1 72.4
148 67.1 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 10.561 ppbv

RT: 17.124 min Scan# 4516

Delta R.T. 0.003 min

Lab File: VL040966.D

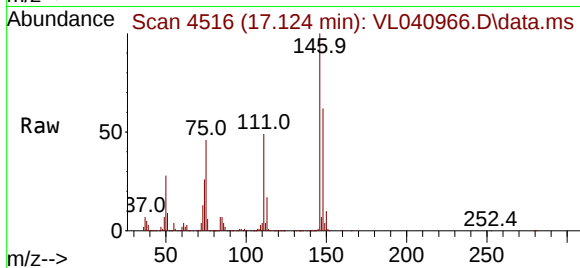
Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01



Tgt Ion:146 Resp: 1789800

Ion Ratio Lower Upper

146 100

111 51.3 25.5 76.5

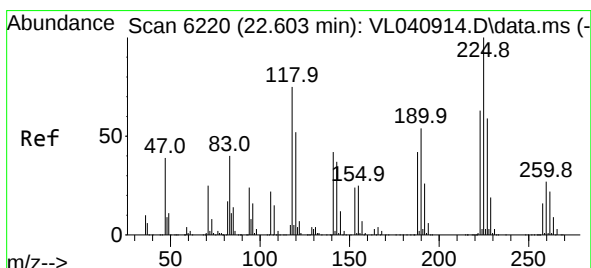
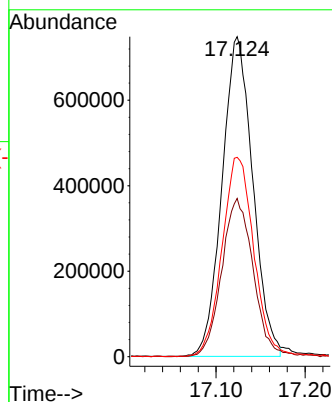
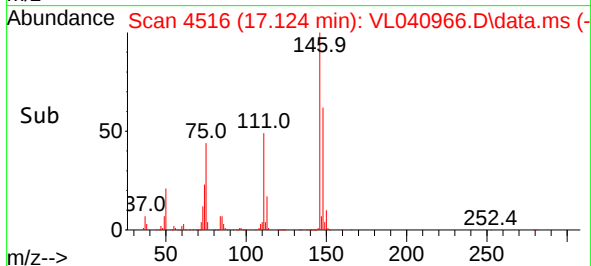
148 65.3 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#78

Hexachloro-1,3-Butadiene

Concen: 9.429 ppbv

RT: 22.612 min Scan# 6223

Delta R.T. 0.003 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

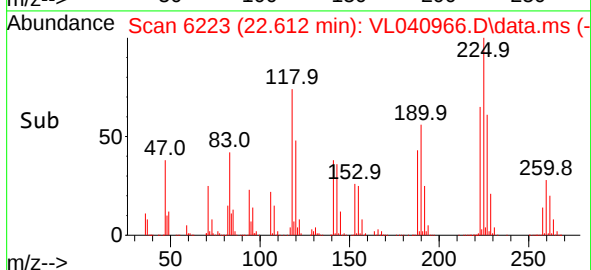
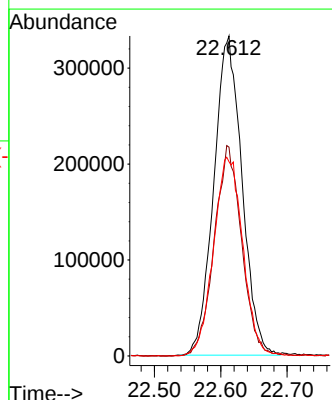
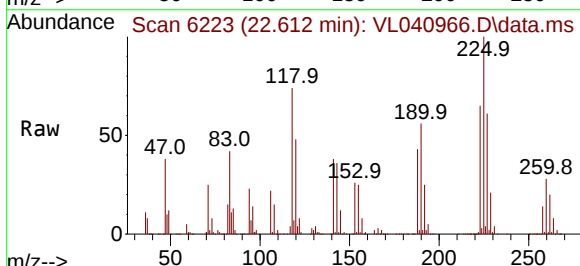
Tgt Ion:225 Resp: 982779

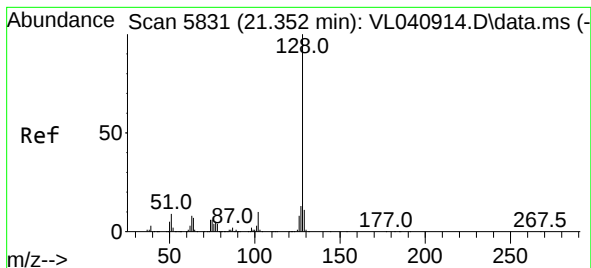
Ion Ratio Lower Upper

225 100

223 64.4 51.5 77.3

227 64.8 51.7 77.5





#79

Naphthalene

Concen: 15.155 ppbv

RT: 21.362 min Scan# 5834

Delta R.T. 0.003 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

Instrument :

MSVOA_L

ClientSampleId :

VL0115ABS01

Tgt Ion:128 Resp: 224885

Ion Ratio Lower Upper

128 100

127 11.6 10.6 15.8

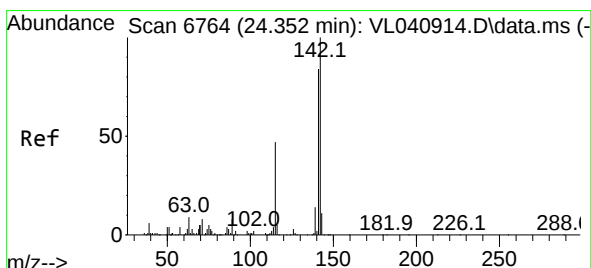
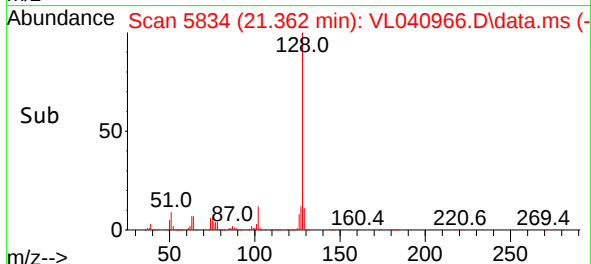
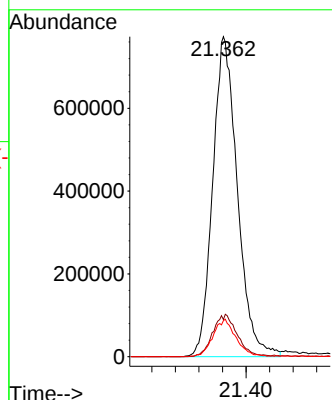
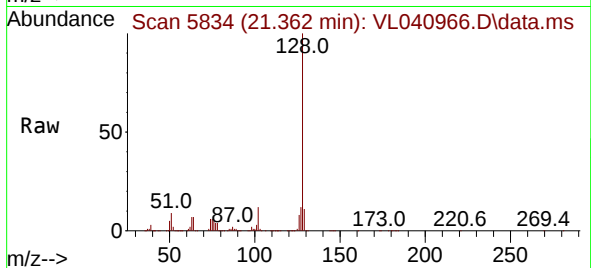
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#80

Naphthalene,2-methyl-

Concen: 14.725 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. 0.003 min

Lab File: VL040966.D

Acq: 15 Jan 2024 12:21

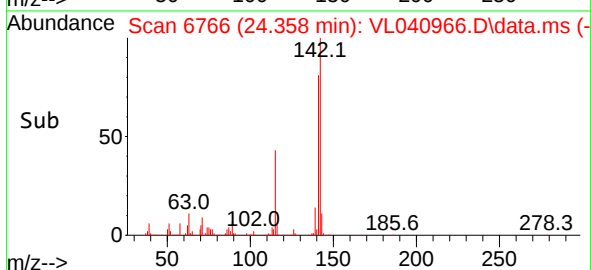
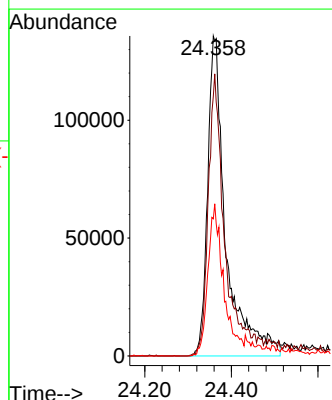
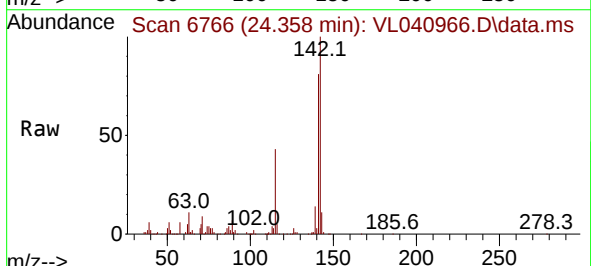
Tgt Ion:142 Resp: 399365

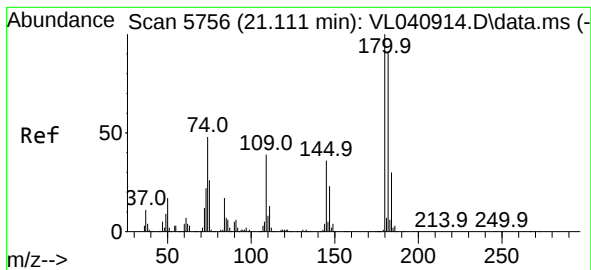
Ion Ratio Lower Upper

142 100

141 81.0 68.5 102.7

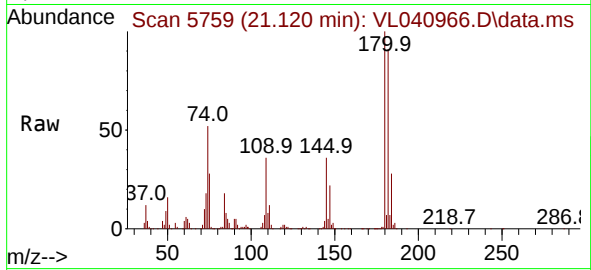
115 45.7 34.5 51.7





#81
 1,2,4-Trichlorobenzene
 Concen: 13.121 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL040966.D
 Acq: 15 Jan 2024 12:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0115ABS01



Tgt Ion:180 Resp: 111778
 Ion Ratio Lower Upper
 180 100
 182 97.6 79.4 119.0
 184 30.5 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

