

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041166.D
 Acq On : 25 Apr 2024 12:00
 Operator : SY/MD
 Sample : VL0425ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0425ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 03:11:04 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 26 03:09:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1224400	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3113045	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	3033340	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 2484342 10.185 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1838637	8.779	ppbv	99
3) Chlorodifluoromethane	2.661	51	1922956	10.197	ppbv	100
4) Chloromethane	2.800	50	748371	10.486	ppbv	96
5) Vinyl Chloride	2.906	62	774026	11.228	ppbv	100
6) Bromomethane	3.105	94	281420	10.845	ppbv	97
7) Chloroethane	3.182	64	255821	10.111	ppbv	97
8) Dichlorotetrafluoroethane	2.841	85	1899133	10.630	ppbv	99
9) Propene	2.681	41	654604	10.912	ppbv	94
10) Heptane	7.552	43	1616546	11.350	ppbv	99
11) Trichlorofluoromethane	3.546	101	1972627	10.386	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.047	101	1441988	10.490	ppbv	100
13) Ethanol	3.221	45	144714	10.142	ppbv	97
14) Bromoethene	3.349	108	605533	11.184	ppbv	99
15) Acetone	3.449	43	1398891	10.552	ppbv	99
16) 1,3-Butadiene	2.970	39	721964	11.093	ppbv	100
17) tert-Butyl alcohol	3.857	59	1250916	10.418	ppbv	100
18) 1,1-Dichloroethene	3.861	96	615863	10.494	ppbv	97
19) Isopropyl Alcohol	3.555	45	867569	10.772	ppbv #	97
20) Methylene Chloride	3.912	84	534711	9.779	ppbv	98
21) Allyl Chloride	3.976	41	896662	11.100	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	644137	10.469	ppbv	98
23) Vinyl Acetate	4.603	43	1575013	11.630	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1351951	10.971	ppbv	99
25) Ethyl Acetate	5.182	43	2710461	10.886	ppbv	100
26) Hexane	5.189	57	1160531	10.388	ppbv	99
27) Carbon Disulfide	4.102	76	1617239	11.814	ppbv	98
28) Methyl tert-Butyl Ether	4.562	73	879679	10.434	ppbv	99
29) Chloroform	5.253	83	1999880	10.619	ppbv	97
30) Cyclohexane	6.574	84	980871	10.779	ppbv	99
31) cis-1,2-Dichloroethene	5.057	61	1178344	11.143	ppbv	98
32) 1,1,1-Trichloroethane	5.980	97	1974703	11.343	ppbv	100
34) 2-Butanone	4.761	43	1462181	11.100	ppbv	99
35) Carbon Tetrachloride	6.465	117	2104440	11.874	ppbv	97
36) Benzene	6.346	78	2514195	10.998	ppbv	100
37) 1,2-Dichloroethane	5.780	62	1518977	11.066	ppbv	100
38) Trichloroethene	7.266	130	1008300	12.208	ppbv	96
39) 1,2-Dichloropropane	7.044	63	993413	11.021	ppbv	99
40) 1,4-Dioxane	7.256	88	379567	12.083	ppbv #	1
41) Tetrahydrofuran	5.533	42	1006891	11.480	ppbv	99
42) Bromodichloromethane	7.224	83	2234637	11.395	ppbv	96
43) Methyl Methacrylate	7.446	69	1045523	12.007	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	4217958	11.145	ppbv	99
45) t-1,3-Dichloropropene	8.680	75	724329	14.115	ppbv	100

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Manual Integrations
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 Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 03:11:04 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

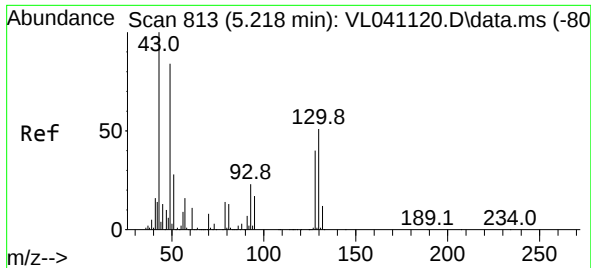
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 26 03:09:28 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.115	75	891712	13.431	ppbv	98
47) 1,1,2-Trichloroethane	8.870	97	1082178	11.108	ppbv	98
48) Dibromochloromethane	9.684	129	1870497	12.095	ppbv	99
49) Bromoform	12.375	173	1537239	12.547	ppbv	99
50) 4-Methyl-2-Pentanone	8.153	43	2721213	11.739	ppbv	100
51) 2-Hexanone	9.520	43	1978320	12.308	ppbv #	100
52) Tetrachloroethene	10.587	164	855502	11.729	ppbv	94
53) Toluene	9.192	91	2896971	12.035	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1504242	12.381	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.481	131	1375183	11.031	ppbv	99
57) Chlorobenzene	11.500	112	2279115	10.976	ppbv	99
58) Ethyl Benzene	12.060	91	3955948	11.912	ppbv	98
59) m/p-Xylene	12.343	91	6831217m	22.777	ppbv	
60) o-Xylene	13.031	91	3270188	11.507	ppbv	100
61) Styrene	12.867	104	1661419	13.194	ppbv	98
62) Isopropylbenzene	14.002	105	4734622	11.191	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.018	83	2514213	11.260	ppbv	100
64) n-propylbenzene	14.886	120	1251676	11.789	ppbv	97
65) tert-Butylbenzene	16.060	119	4240466	11.481	ppbv	100
66) Benzyl Chloride	16.294	91	306447	12.611	ppbv	99
67) sec-Butylbenzene	16.606	105	6045772	11.330	ppbv	100
69) p-Isopropyltoluene	16.966	119	4886904	11.744	ppbv	100
70) n-Butylbenzene	17.857	91	5335825	11.803	ppbv	100
71) 2-Chlorotoluene	14.767	91	3718406	11.459	ppbv	99
72) 4-Ethyltoluene	15.163	105	3773053	11.887	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	3275647	11.701	ppbv	100
74) 1,2,4-Trimethylbenzene	16.079	105	3663832	11.436	ppbv	98
75) 1,3-Dichlorobenzene	16.304	146	2140878	11.446	ppbv	100
76) 1,4-Dichlorobenzene	16.442	146	2144997	11.789	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	2084526	11.477	ppbv	100
78) Hexachloro-1,3-Butadiene	22.599	225	1271207	10.527	ppbv	98
79) Naphthalene	21.349	128	3103747	15.101	ppbv	99
80) Naphthalene,2-methyl-	24.352	142	621109	15.513	ppbv	98
81) 1,2,4-Trichlorobenzene	21.108	180	1491024	12.941	ppbv	100

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



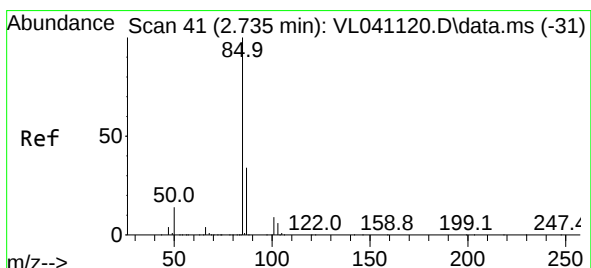
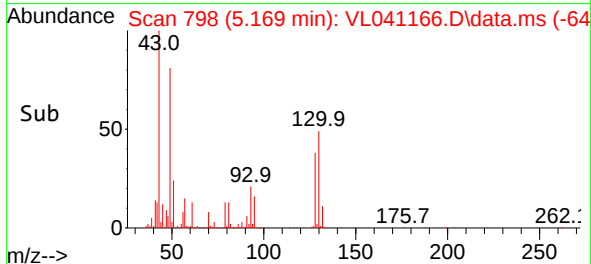
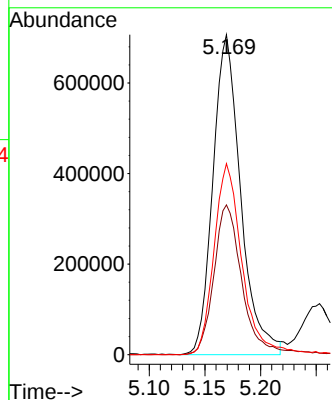
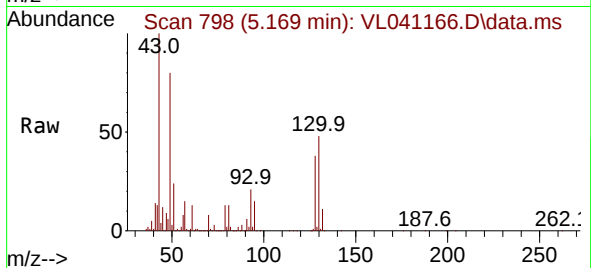
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 49 Resp: 1224400
Ion Ratio Lower Upper
49 100
128 48.2 23.6 71.0
130 61.1 30.1 90.5

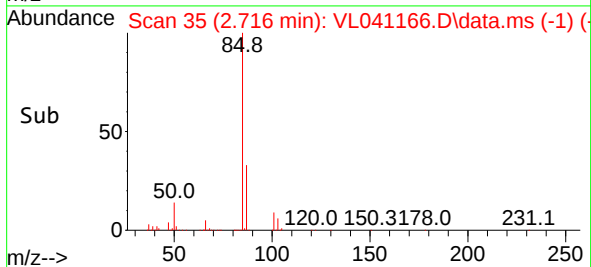
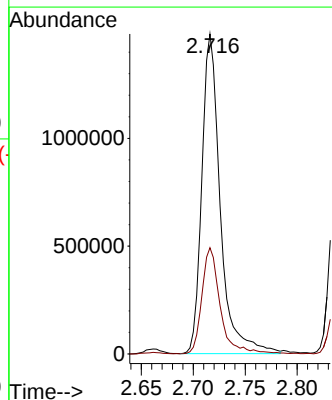
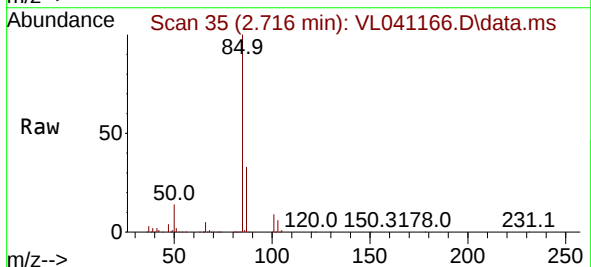
Manual Integrations
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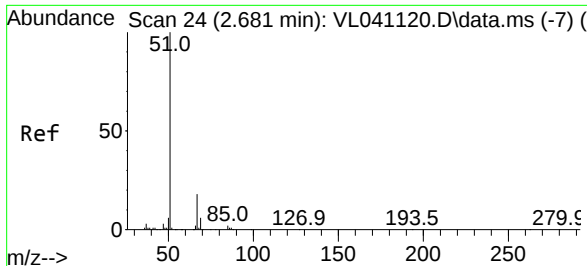
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#2
Dichlorodifluoromethane
Concen: 8.779 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

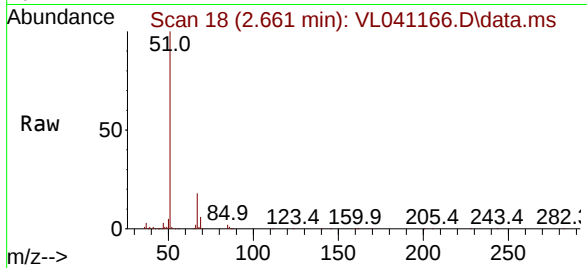
Tgt Ion: 85 Resp: 1838637
Ion Ratio Lower Upper
85 100
87 33.2 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.197 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

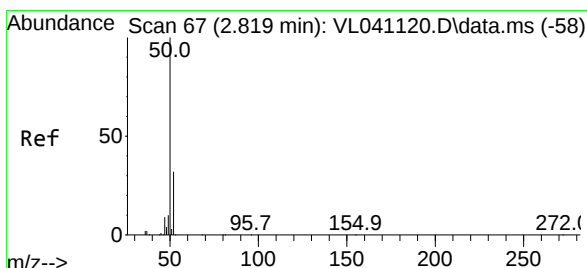
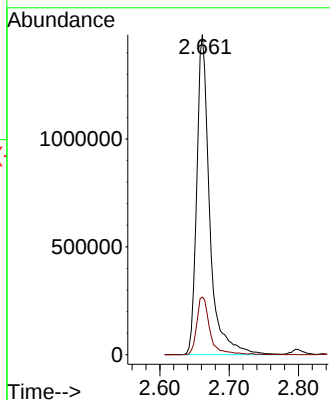
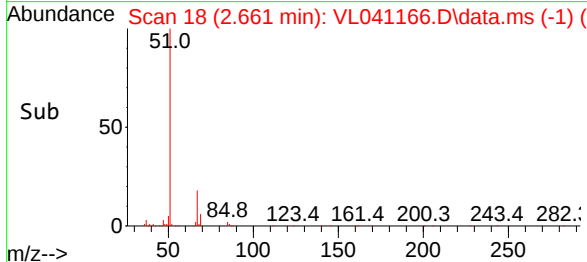
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 51 Resp: 1922950
Ion Ratio Lower Upper
51 100
67 18.5 14.9 22.3

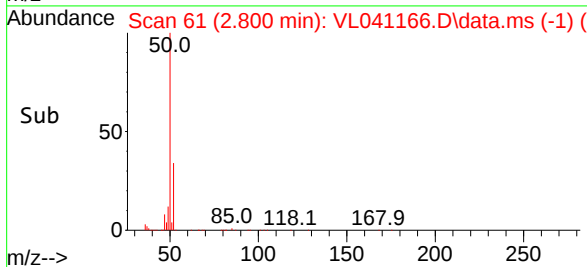
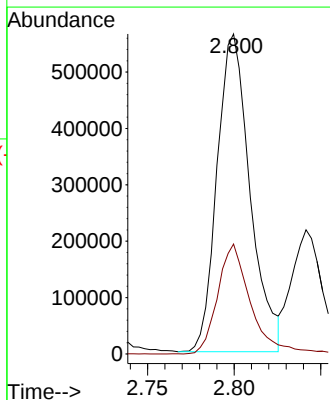
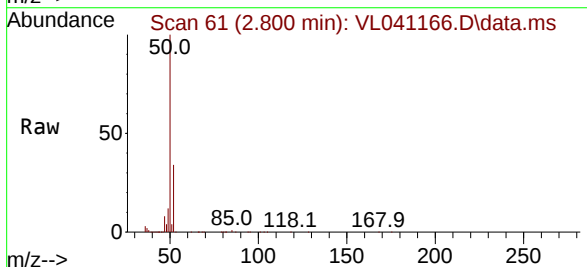
Manual Integrations
APPROVED

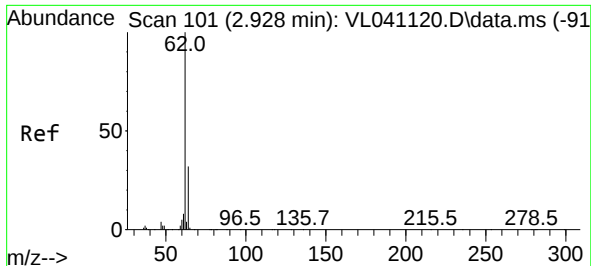
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#4
Chloromethane
Concen: 10.486 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

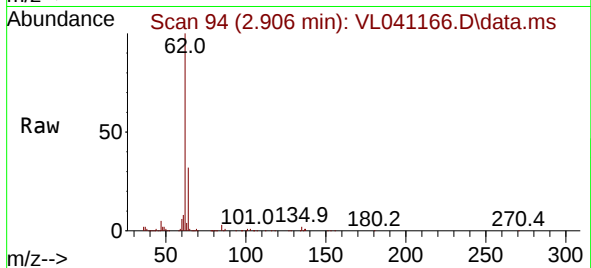
Tgt Ion: 50 Resp: 748371
Ion Ratio Lower Upper
50 100
52 34.5 26.0 39.0





#5
 Vinyl Chloride
 Concen: 11.228 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.013 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

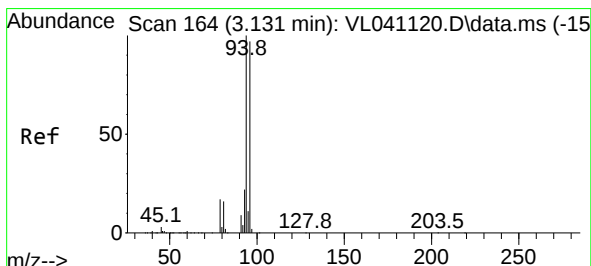
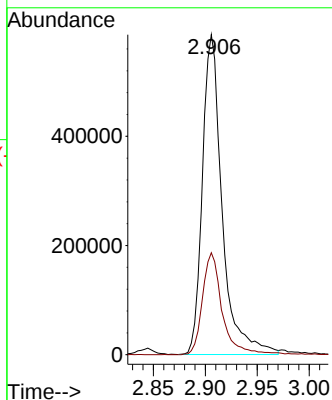
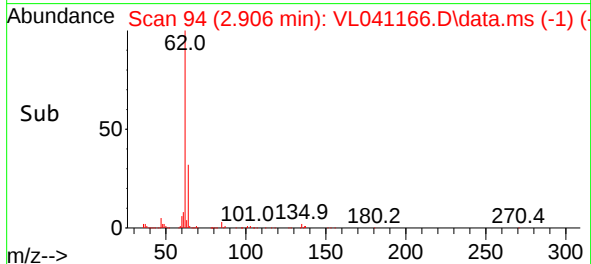
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0425ABS01



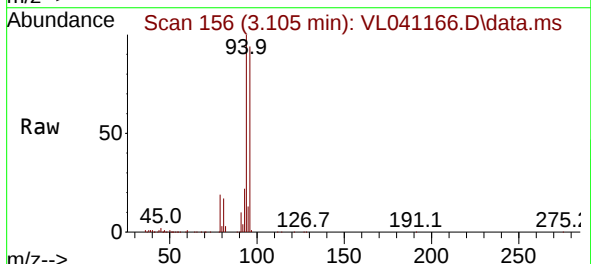
Tgt Ion: 62 Resp: 774020
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.6 38.4

Manual Integrations
 APPROVED

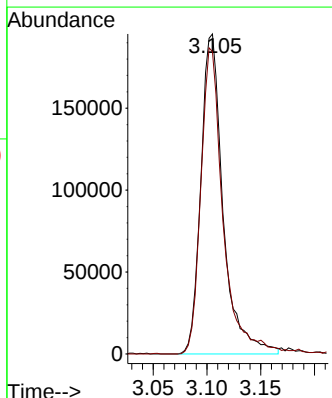
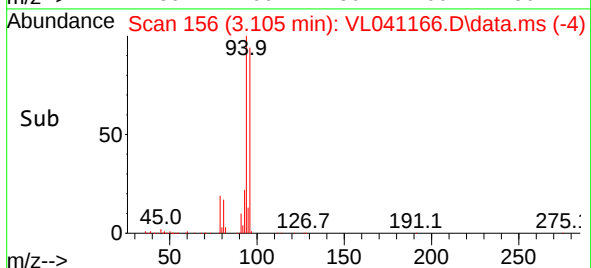
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

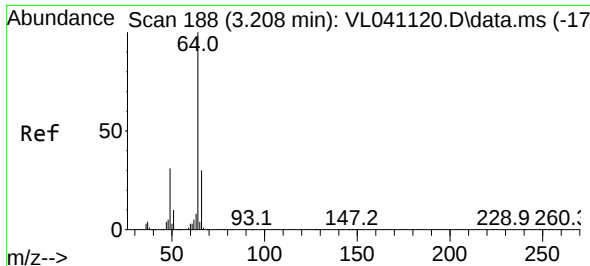


#6
 Bromomethane
 Concen: 10.845 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.013 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00



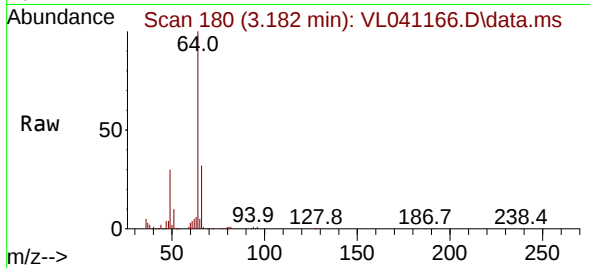
Tgt Ion: 94 Resp: 281420
 Ion Ratio Lower Upper
 94 100
 96 94.5 77.9 116.9





#7
Chloroethane
Concen: 10.111 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

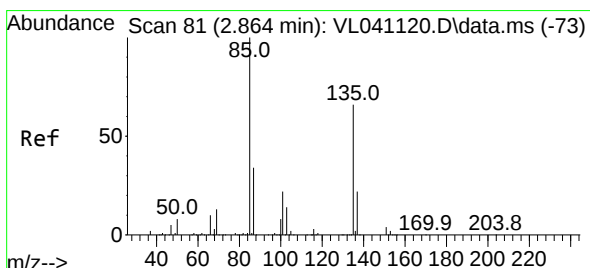
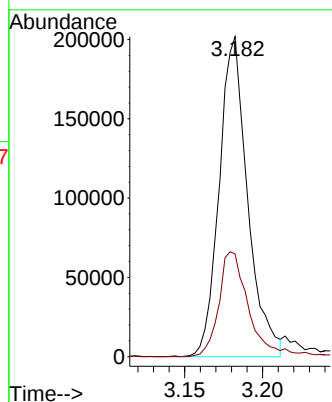
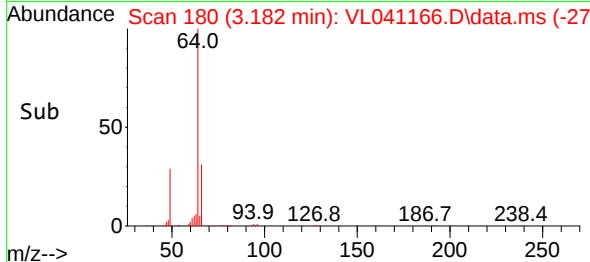
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 64 Resp: 25582
Ion Ratio Lower Upper
64 100
66 32.1 24.2 36.4

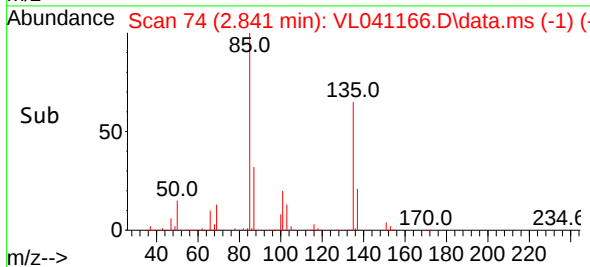
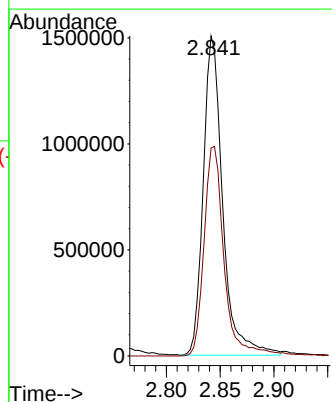
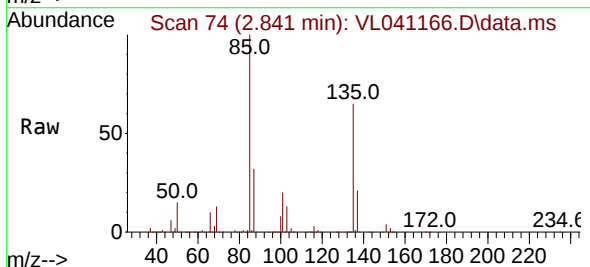
Manual Integrations
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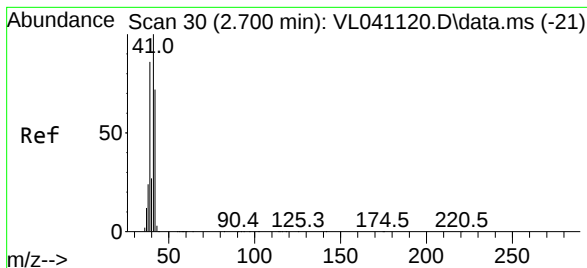
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#8
Dichlorotetrafluoroethane
Concen: 10.630 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 85 Resp: 1899133
Ion Ratio Lower Upper
85 100
135 68.4 54.2 81.2





#9

Propene

Concen: 10.912 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.013 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion: 41 Resp: 654604

Ion Ratio Lower Upper

41 100

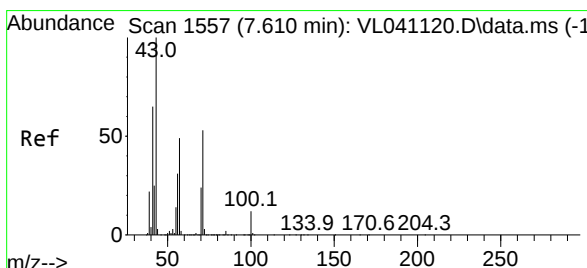
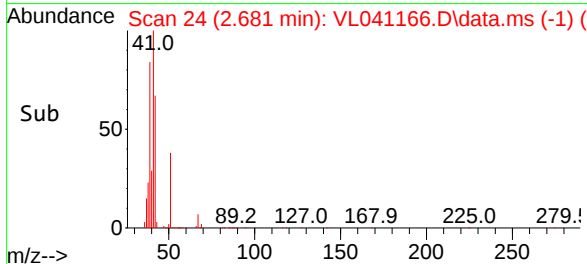
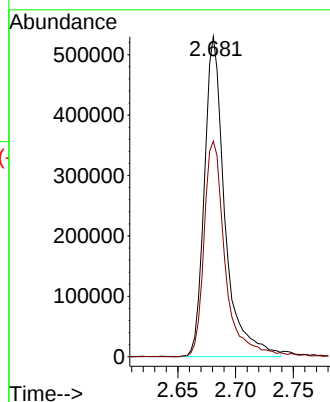
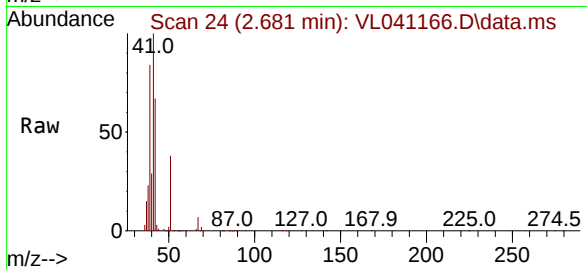
42 70.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#10

Heptane

Concen: 11.350 ppbv

RT: 7.552 min Scan# 1539

Delta R.T. -0.006 min

Lab File: VL041166.D

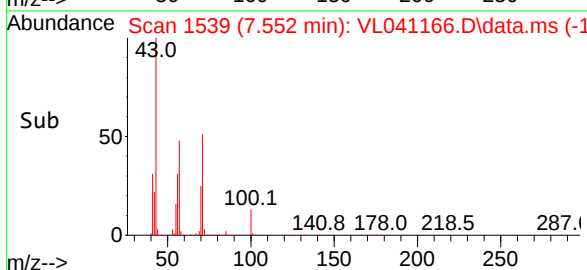
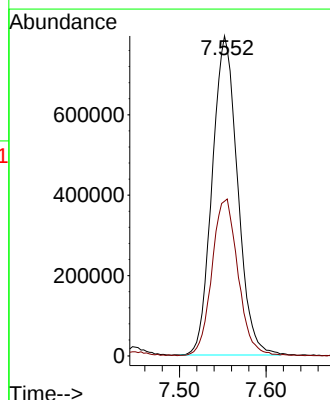
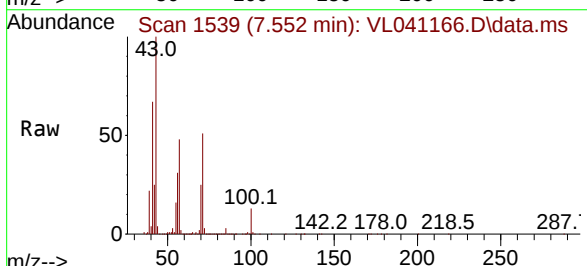
Acq: 25 Apr 2024 12:00

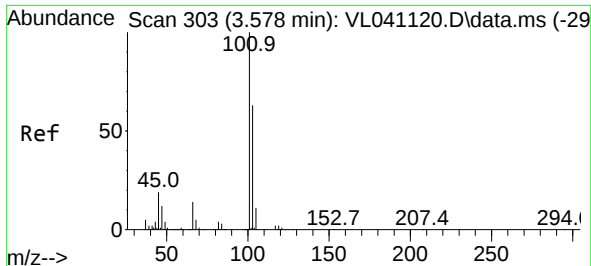
Tgt Ion: 43 Resp: 1616546

Ion Ratio Lower Upper

43 100

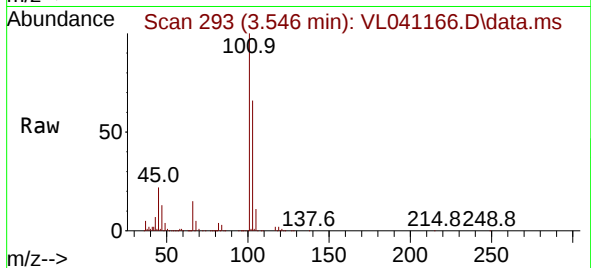
57 50.8 39.9 59.9





#11
Trichlorofluoromethane
Concen: 10.386 ppbv
RT: 3.546 min Scan# 293
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

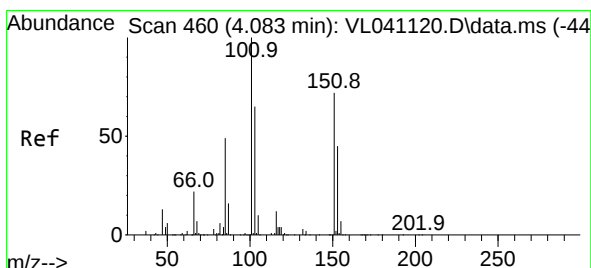
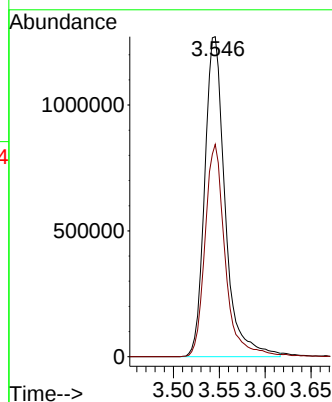
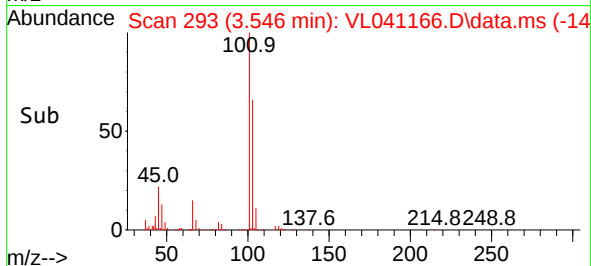
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



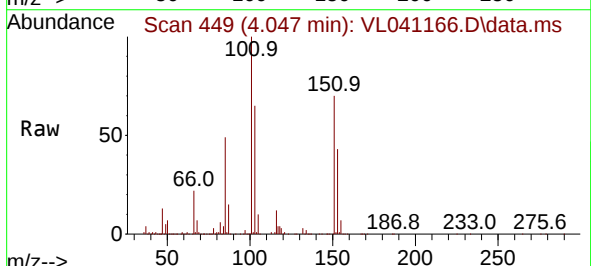
Tgt Ion:101 Resp: 197262
Ion Ratio Lower Upper
101 100
103 66.4 50.6 75.8

Manual Integrations
APPROVED

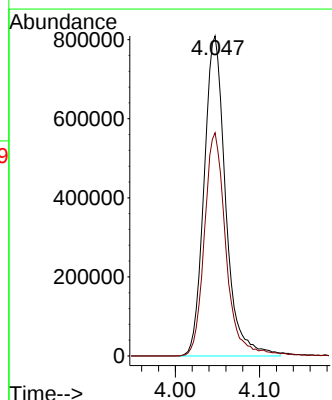
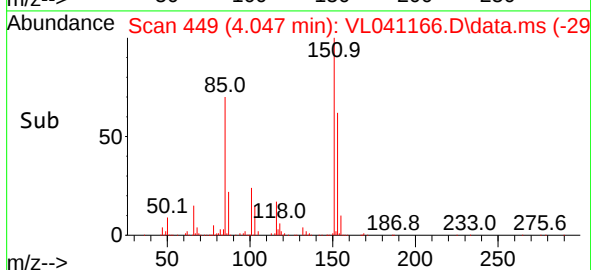
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

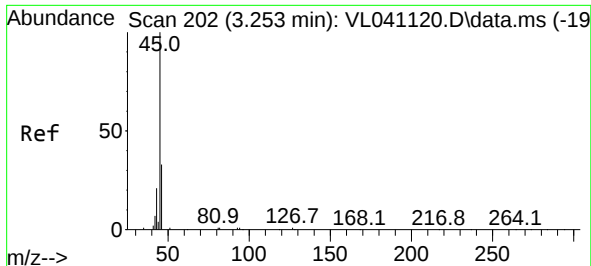


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.490 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



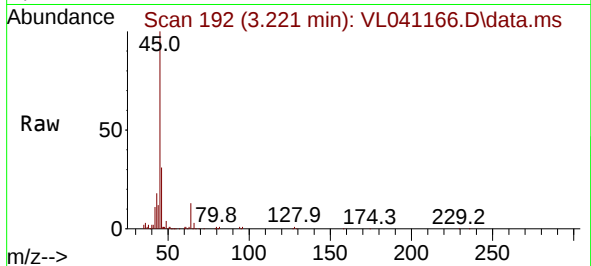
Tgt Ion:101 Resp: 1441988
Ion Ratio Lower Upper
101 100
151 70.2 56.2 84.4





#13
Ethanol
Concen: 10.142 ppbv
RT: 3.221 min Scan# 192
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

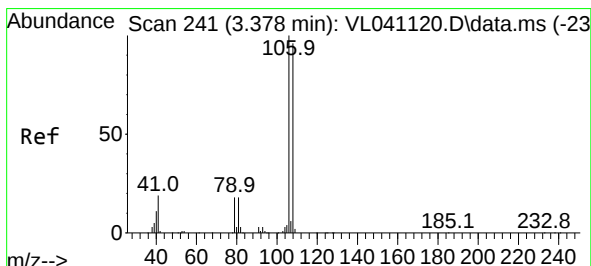
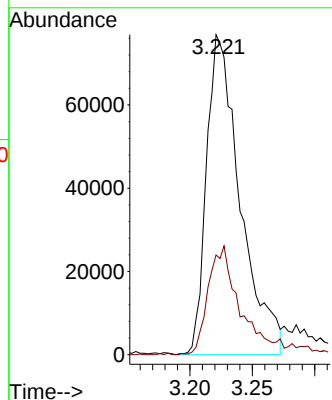
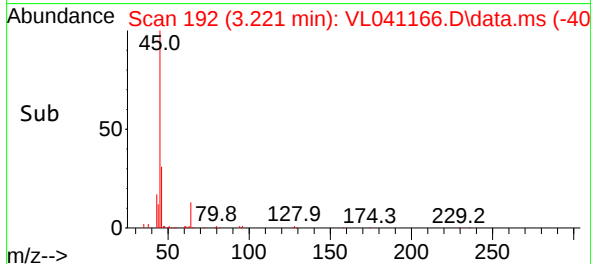
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



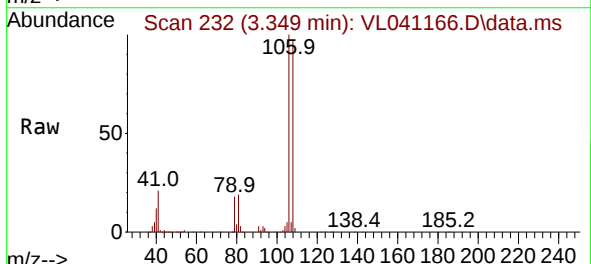
Tgt Ion: 45 Resp: 144714
Ion Ratio Lower Upper
45 100
46 35.3 15.0 59.8

Manual Integrations
APPROVED

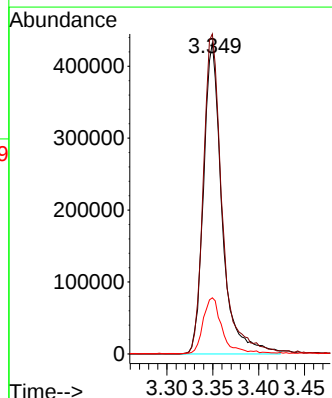
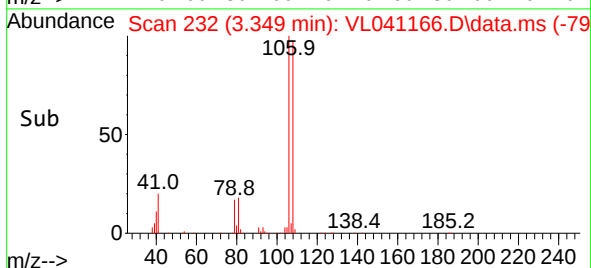
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

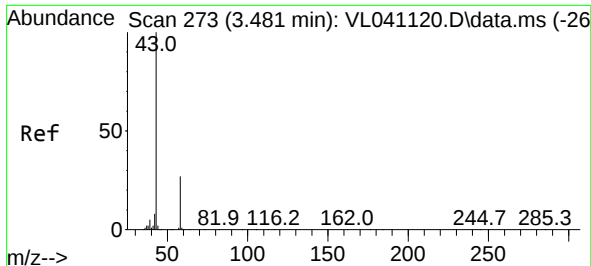


#14
Bromoethene
Concen: 11.184 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



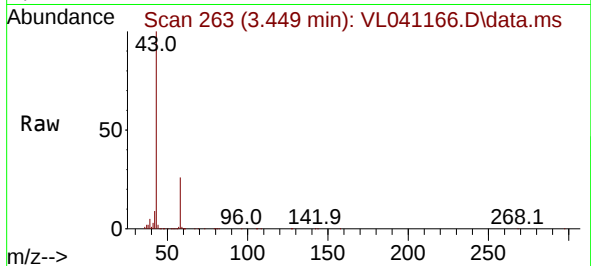
Tgt Ion:108 Resp: 605533
Ion Ratio Lower Upper
108 100
106 105.9 86.0 129.0
79 18.9 15.4 23.2





#15
Acetone
Concen: 10.552 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

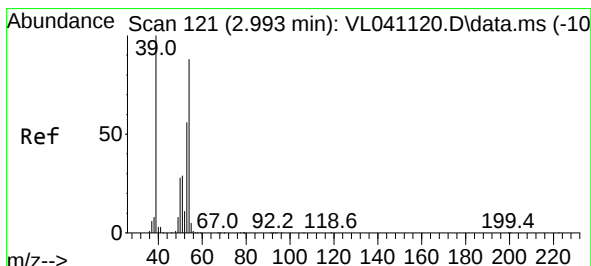
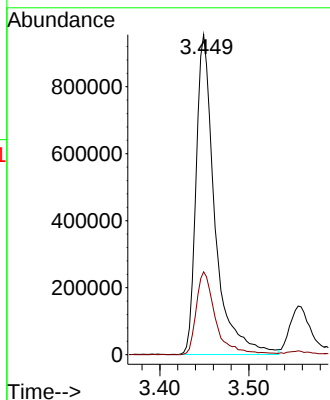
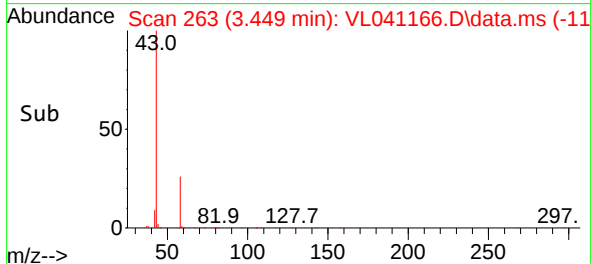
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 43 Resp: 139889
Ion Ratio Lower Upper
43 100
58 26.8 21.1 31.7

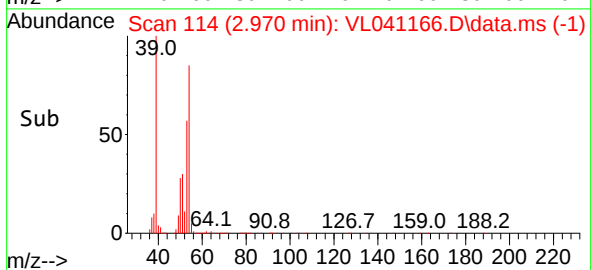
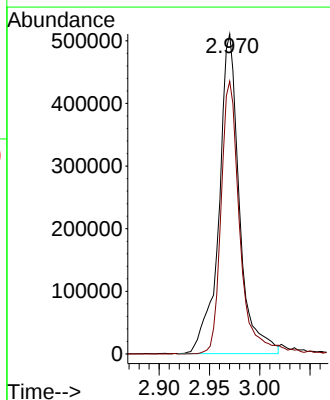
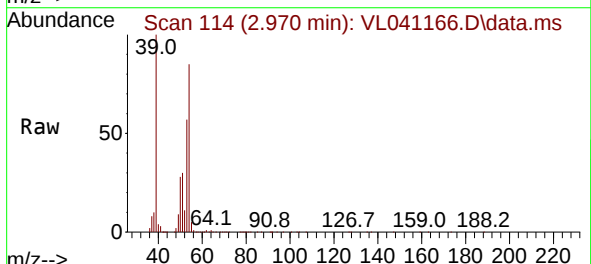
Manual Integrations
APPROVED

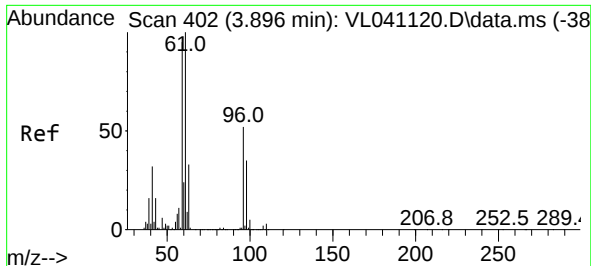
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#16
1,3-Butadiene
Concen: 11.093 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 39 Resp: 721964
Ion Ratio Lower Upper
39 100
54 79.6 63.5 95.3





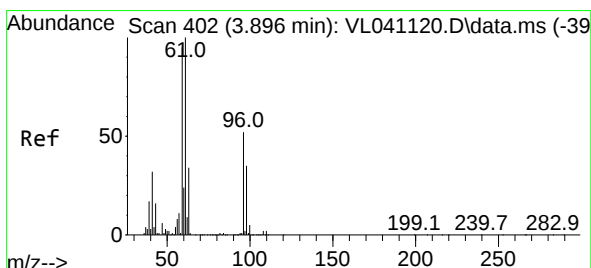
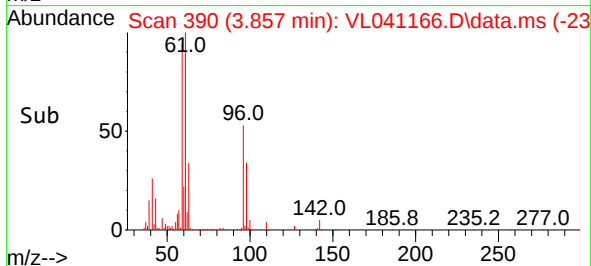
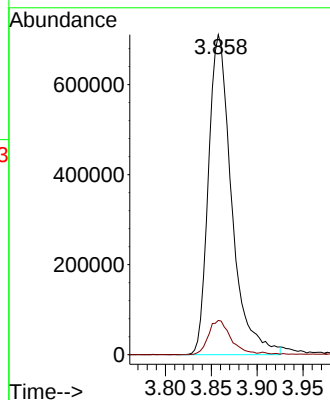
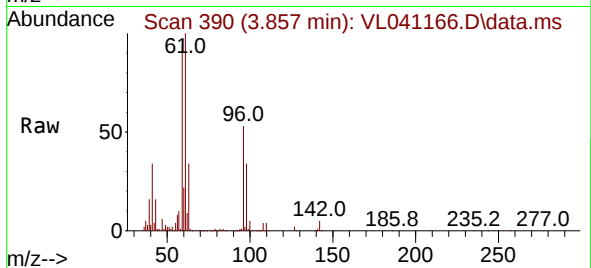
#17
tert-Butyl alcohol
Concen: 10.418 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.009 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 59 Resp: 1250910
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

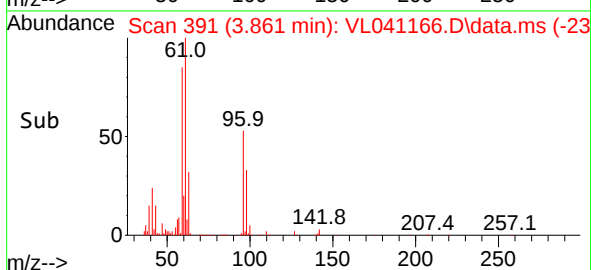
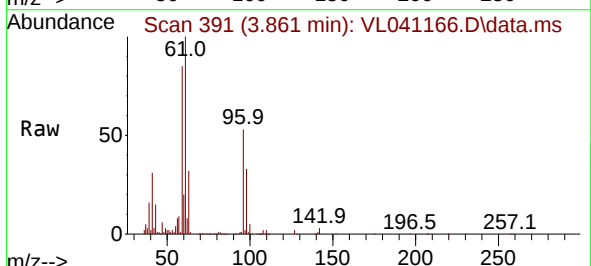
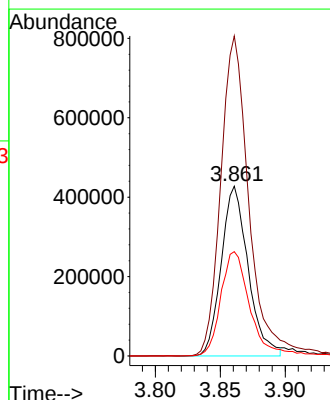
Manual Integrations
APPROVED

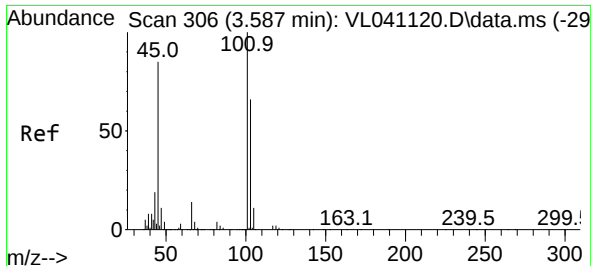
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#18
1,1-Dichloroethene
Concen: 10.494 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

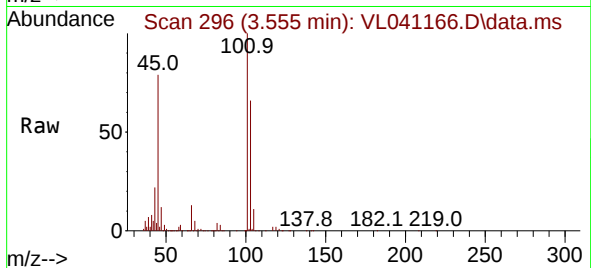
Tgt Ion: 96 Resp: 615863
Ion Ratio Lower Upper
96 100
61 188.5 152.6 228.8
98 61.4 54.0 81.0





#19
Isopropyl Alcohol
Concen: 10.772 ppbv
RT: 3.555 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

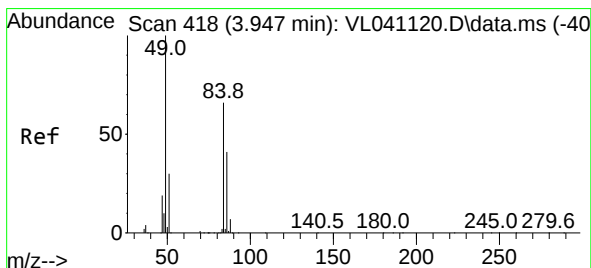
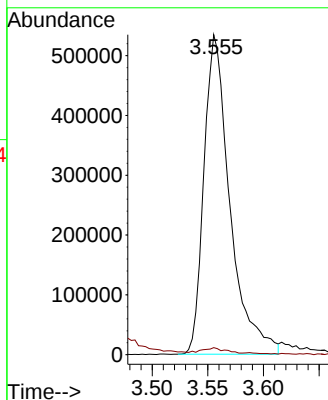
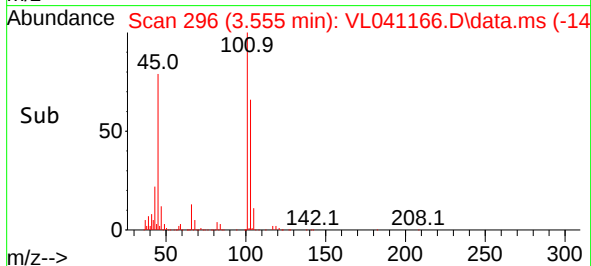
Instrument : MSVOA_L
ClientSampleId : VL0425ABS01



Tgt Ion: 45 Resp: 867569
Ion Ratio Lower Upper
45 100
58 2.4 2.8 4.2

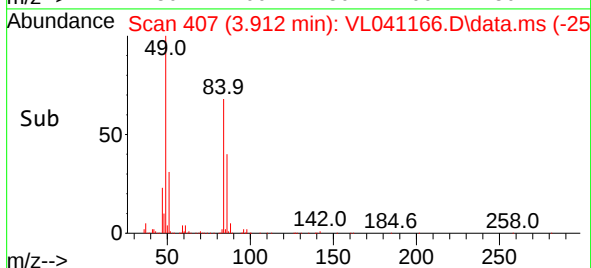
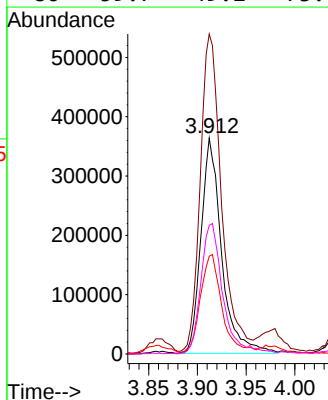
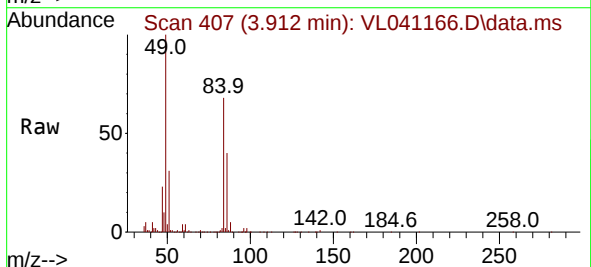
Manual Integrations
APPROVED

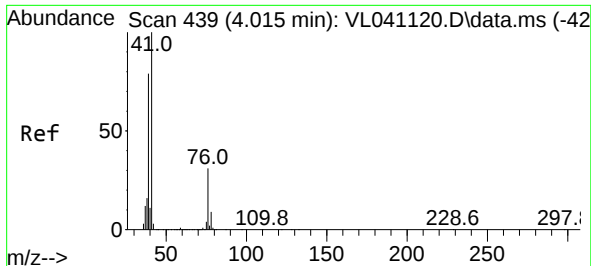
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#20
Methylene Chloride
Concen: 9.779 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 84 Resp: 534711
Ion Ratio Lower Upper
84 100
49 147.5 120.7 181.1
51 44.5 36.6 54.8
86 59.7 49.2 73.8





#21
 Allyl Chloride
 Concen: 11.100 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

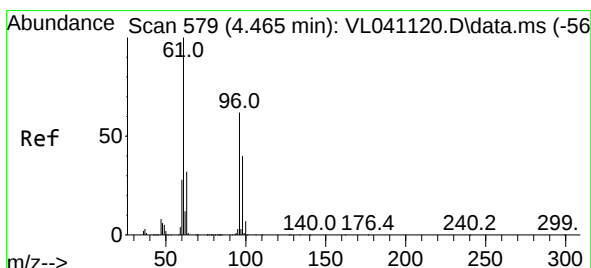
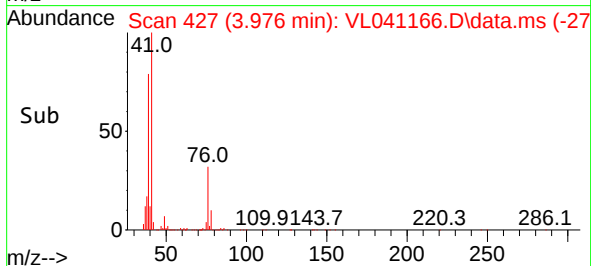
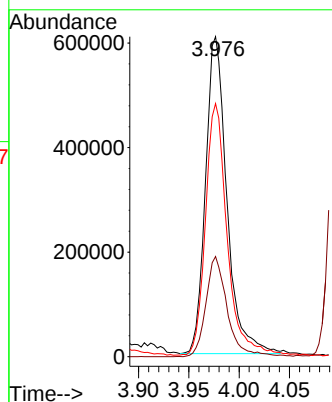
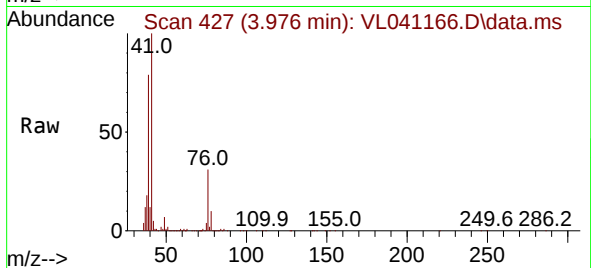
ClientSampleId :

VL0425ABS01

Tgt Ion: 41 Resp: 896662
 Ion Ratio Lower Upper
 41 100
 76 31.6 25.7 38.5
 39 81.6 65.7 98.5

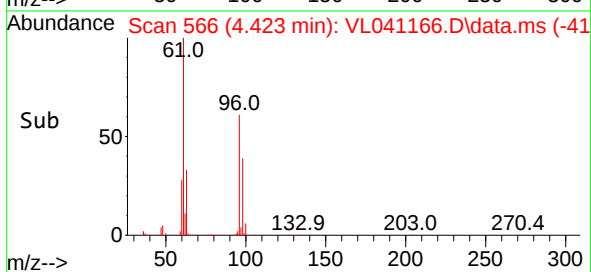
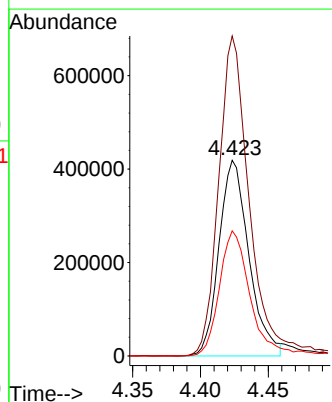
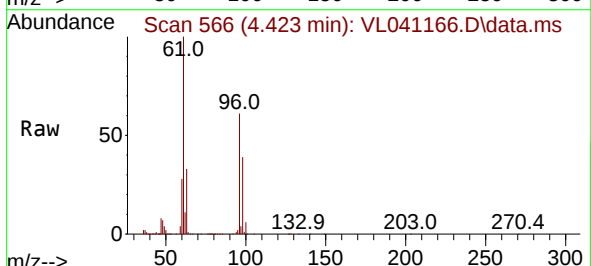
Manual Integrations
 APPROVED

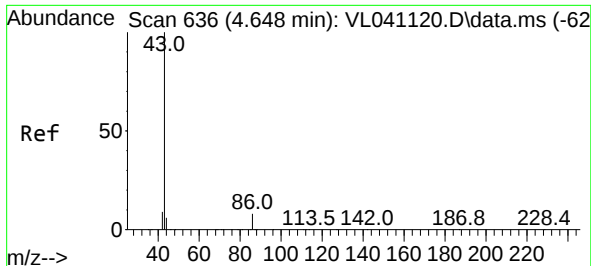
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.469 ppbv
 RT: 4.423 min Scan# 566
 Delta R.T. -0.010 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Tgt Ion: 96 Resp: 644137
 Ion Ratio Lower Upper
 96 100
 61 163.4 128.4 192.6
 98 63.9 51.5 77.3





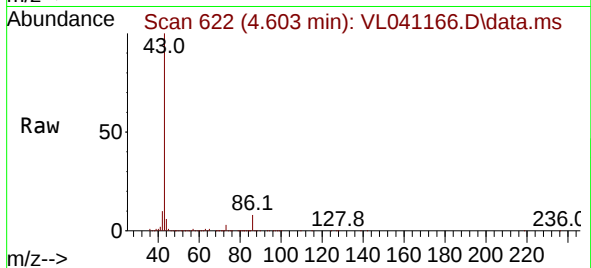
#23
 Vinyl Acetate
 Concen: 11.630 ppbv
 RT: 4.603 min Scan# 611
 Delta R.T. -0.010 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01



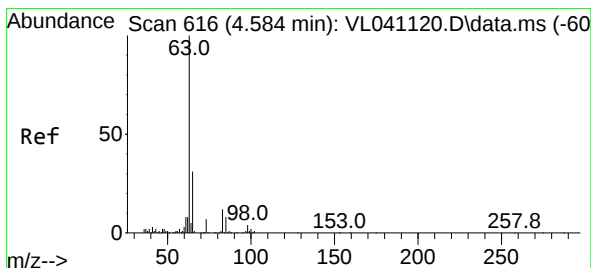
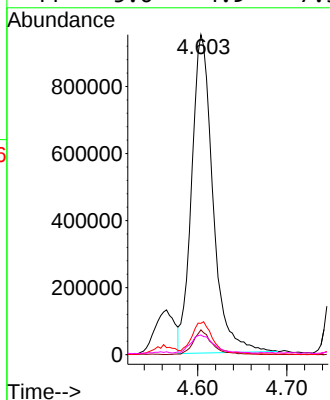
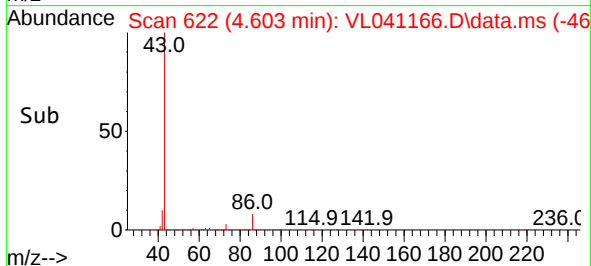
Tgt Ion: 43 Resp: 157501

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.2	9.4
42	9.7	7.7	11.5
44	5.6	4.9	7.3

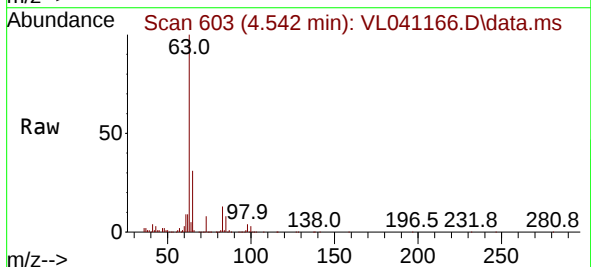
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

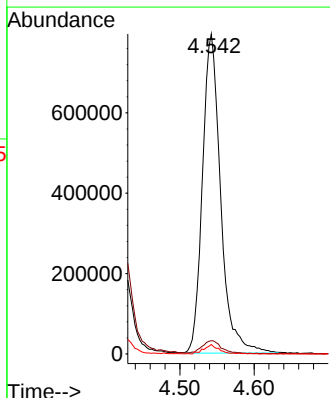
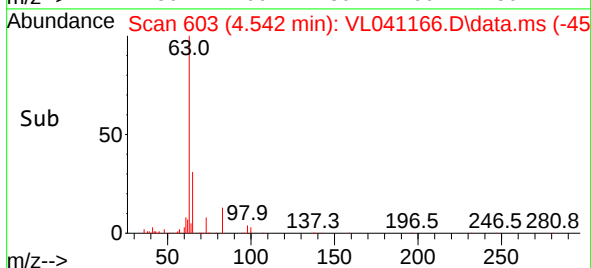


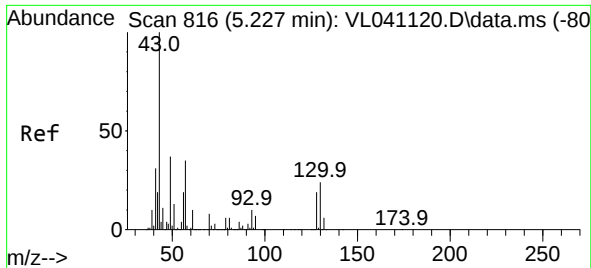
#24
 1,1-Dichloroethane
 Concen: 10.971 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.010 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00



Tgt Ion: 63 Resp: 1351951

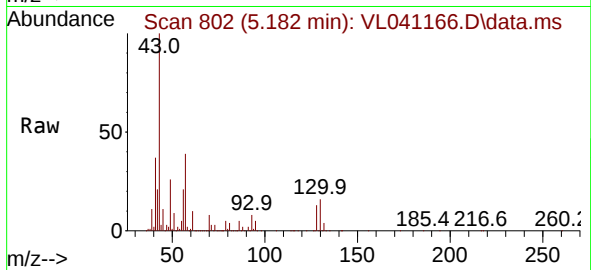
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.3
100	2.9	1.1	3.3





#25
Ethyl Acetate
Concen: 10.886 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

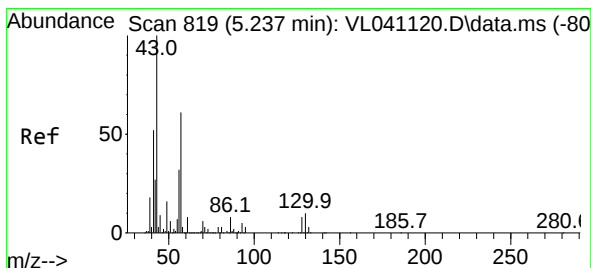
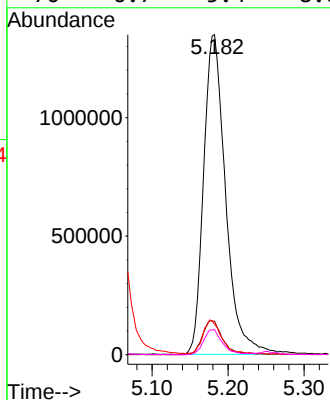
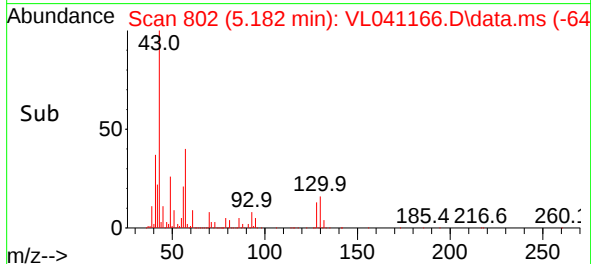


Tgt Ion: 43 Resp: 271046

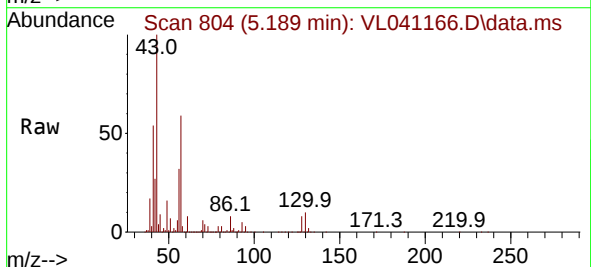
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.9	7.8	11.6
70	6.7	5.4	8.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

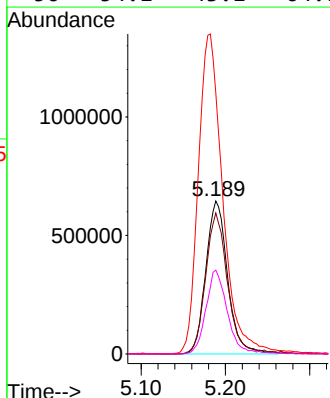
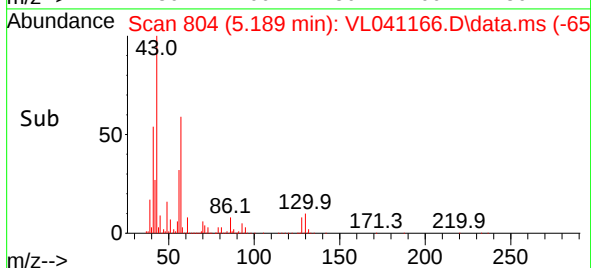


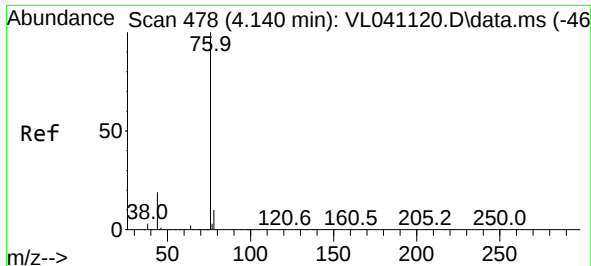
#26
Hexane
Concen: 10.388 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



Tgt Ion: 57 Resp: 1160531

Ion	Ratio	Lower	Upper
57	100		
41	93.9	73.8	110.8
43	235.3	186.2	279.2
56	54.1	43.1	64.7





#27

Carbon Disulfide

Concen: 11.814 ppbv

RT: 4.102 min Scan# 409

Delta R.T. -0.013 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion: 76 Resp: 1617239

Ion Ratio Lower Upper

76 100

44 19.5 16.3 24.5

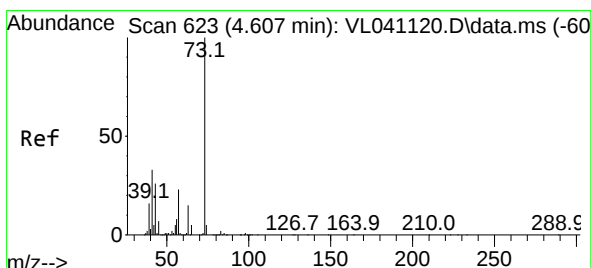
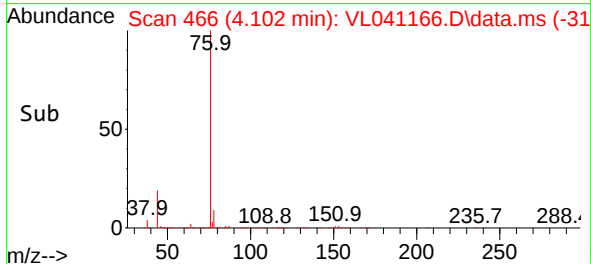
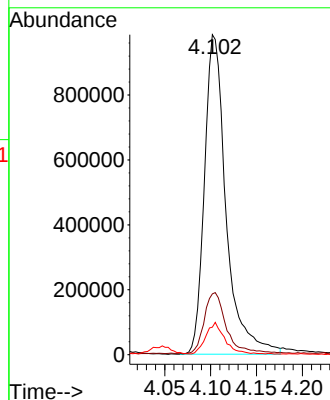
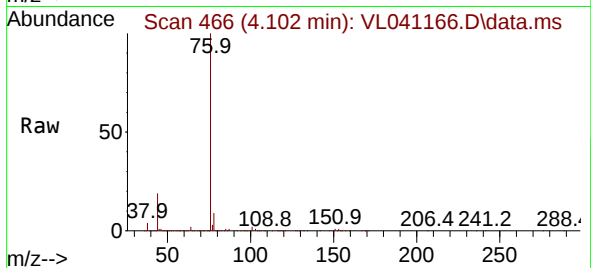
78 9.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#28

Methyl tert-Butyl Ether

Concen: 10.434 ppbv

RT: 4.562 min Scan# 609

Delta R.T. -0.013 min

Lab File: VL041166.D

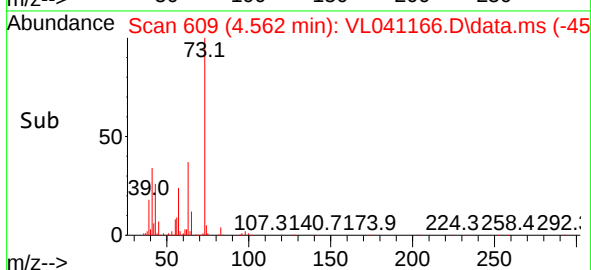
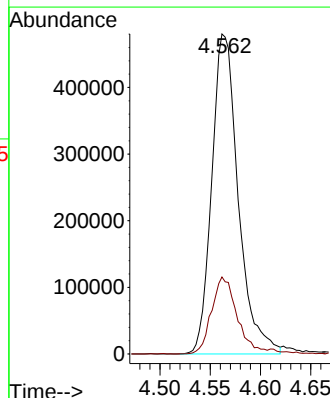
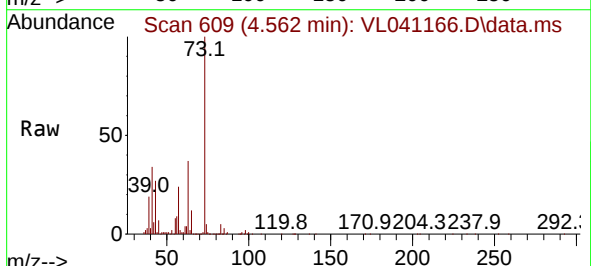
Acq: 25 Apr 2024 12:00

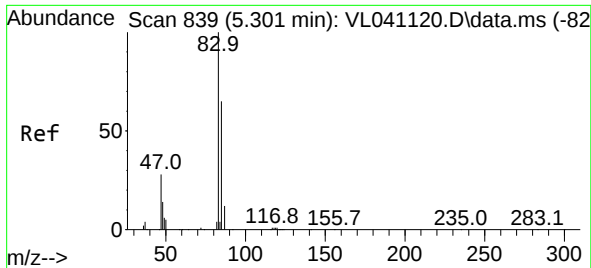
Tgt Ion: 73 Resp: 879679

Ion Ratio Lower Upper

73 100

57 23.8 18.6 27.8





#29

Chloroform

Concen: 10.619 ppbv

RT: 5.253 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion: 83 Resp: 1999880

Ion Ratio Lower Upper

83 100

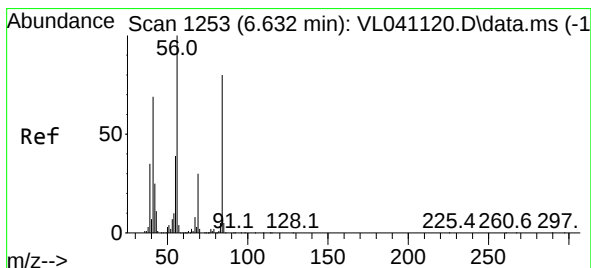
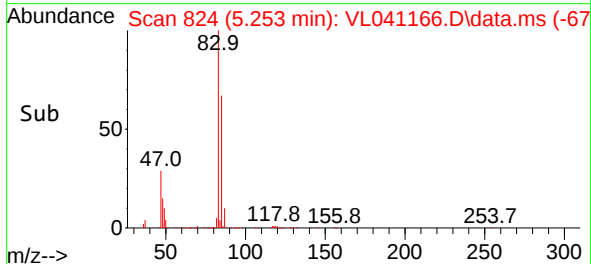
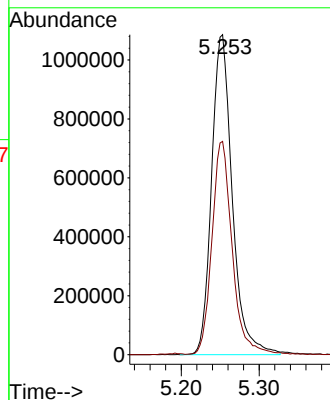
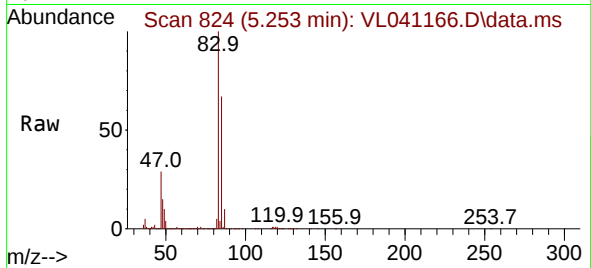
85 66.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#30

Cyclohexane

Concen: 10.779 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

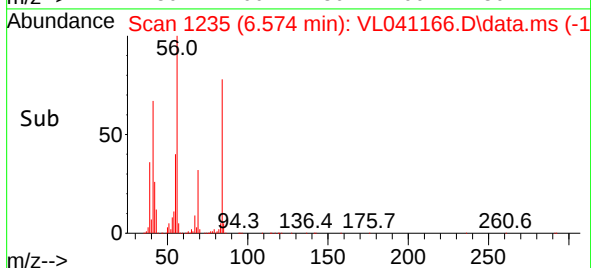
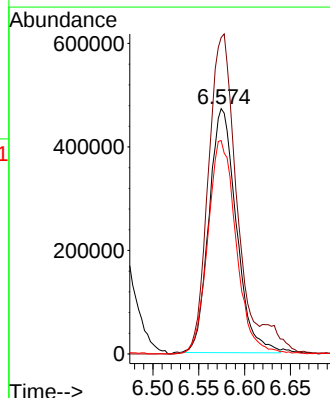
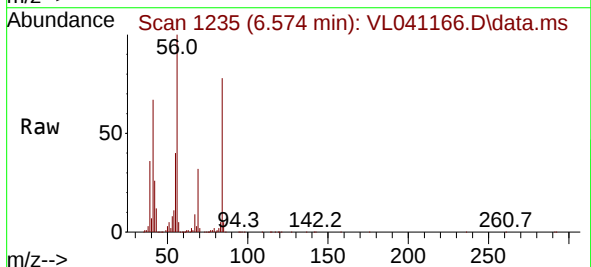
Tgt Ion: 84 Resp: 980871

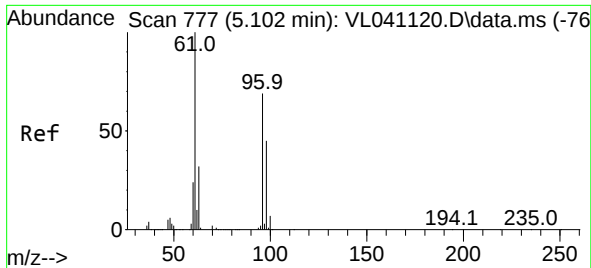
Ion Ratio Lower Upper

84 100

56 140.9 111.9 167.9

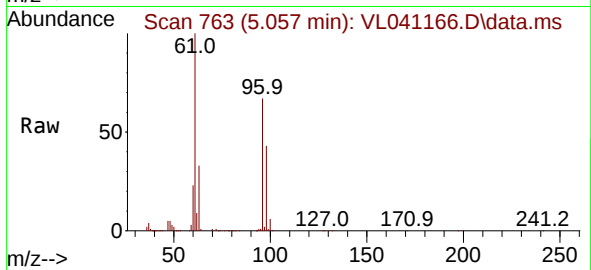
41 90.5 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 11.143 ppbv
RT: 5.057 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

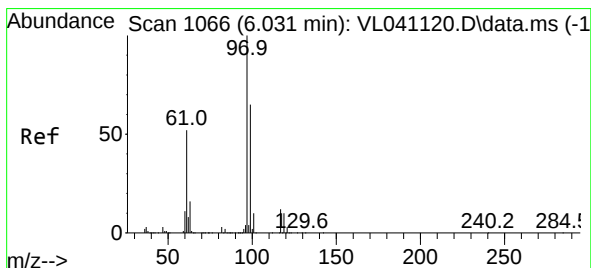
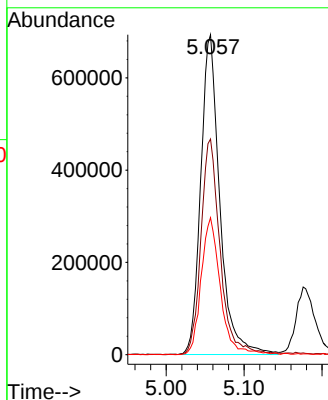
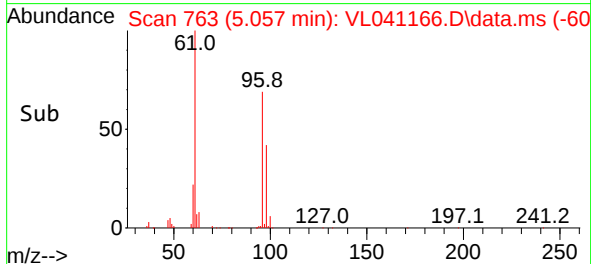
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



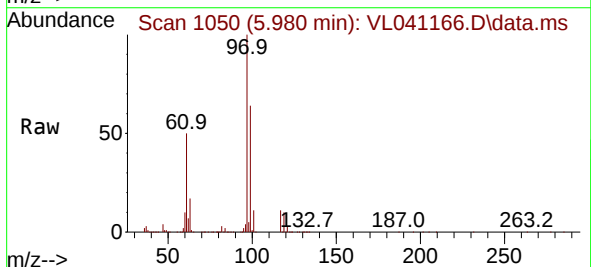
Tgt Ion: 61 Resp: 1178344
Ion Ratio Lower Upper
61 100
96 67.4 54.9 82.3
98 42.8 35.9 53.9

Manual Integrations
APPROVED

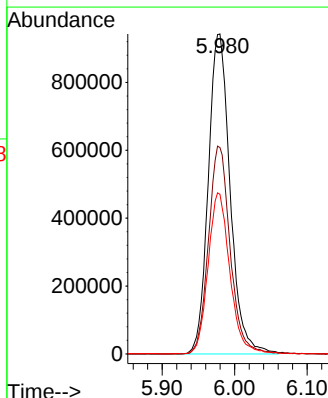
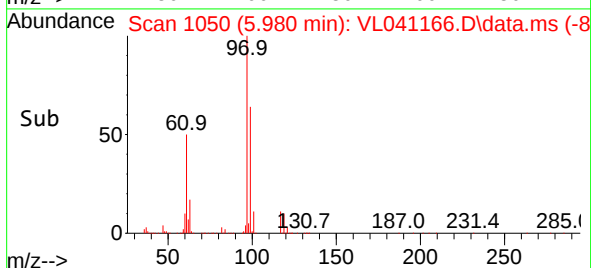
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

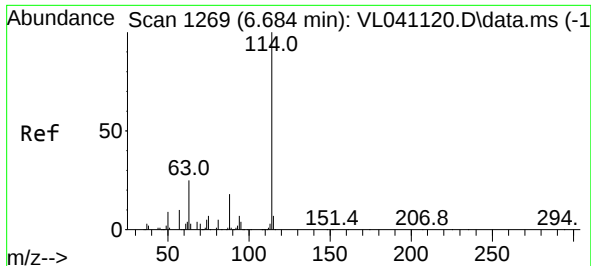


#32
1,1,1-Trichloroethane
Concen: 11.343 ppbv
RT: 5.980 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



Tgt Ion: 97 Resp: 1974703
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 50.4 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL041166.D

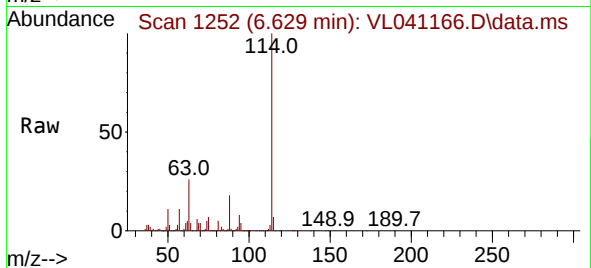
Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01



Tgt Ion:114 Resp: 311304

Ion Ratio Lower Upper

114 100

63 26.3 20.9 31.3

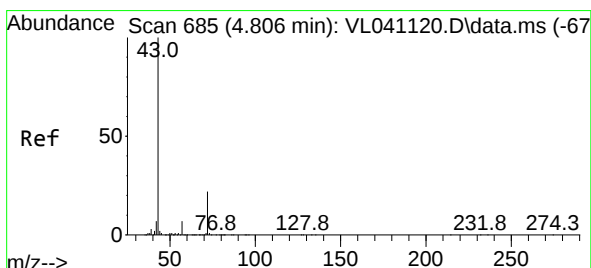
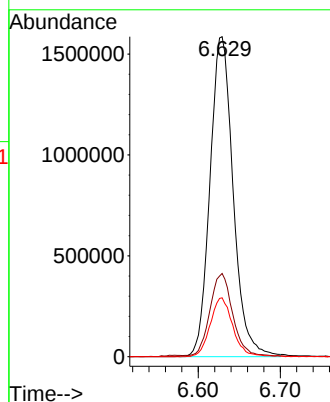
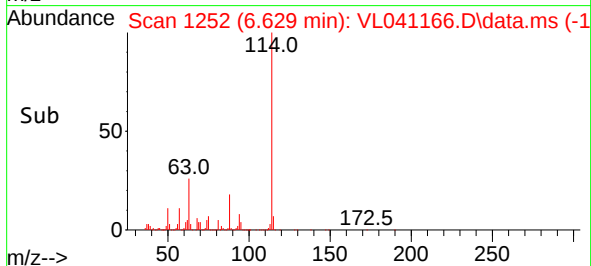
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#34

2-Butanone

Concen: 11.100 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.010 min

Lab File: VL041166.D

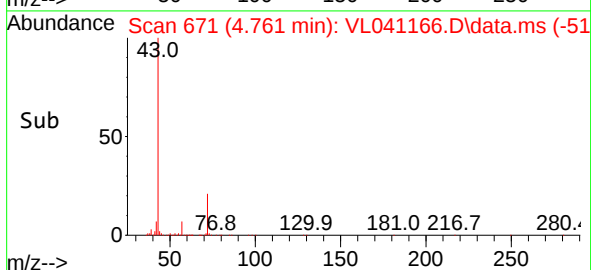
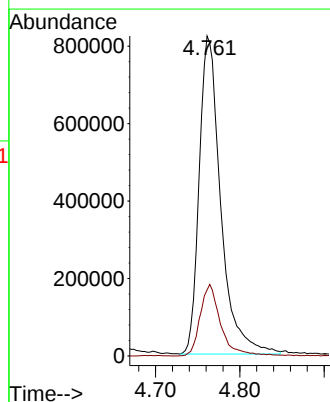
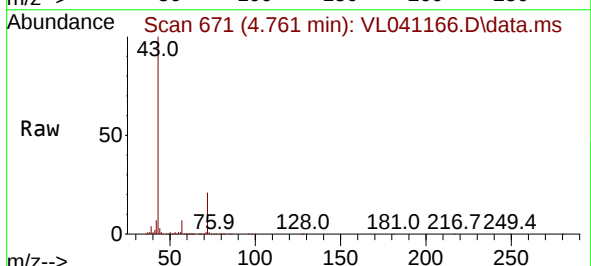
Acq: 25 Apr 2024 12:00

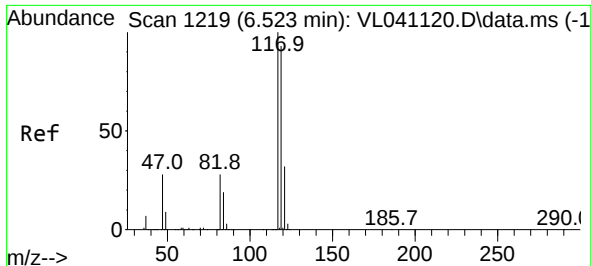
Tgt Ion: 43 Resp: 1462181

Ion Ratio Lower Upper

43 100

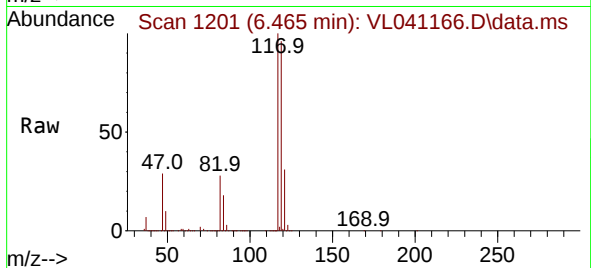
72 21.6 17.6 26.4





#35
Carbon Tetrachloride
Concen: 11.874 ppbv
RT: 6.465 min Scan# 1164
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

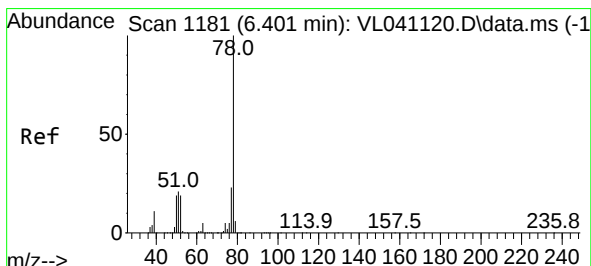
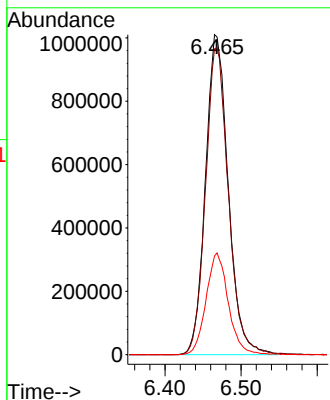
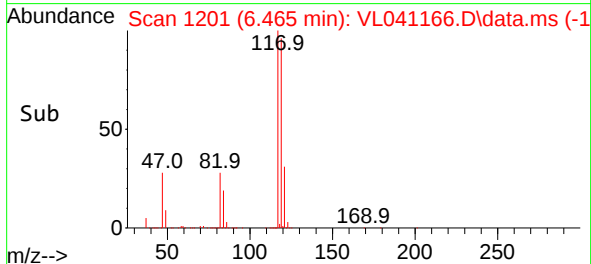
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 117 Resp: 2104440
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.4
121 30.9 25.4 38.2

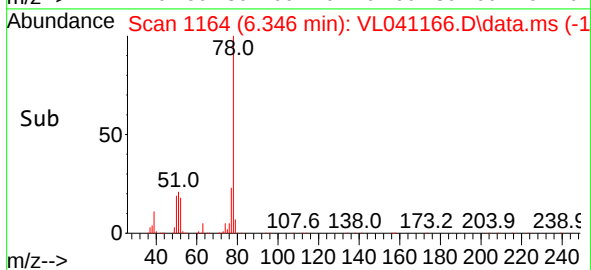
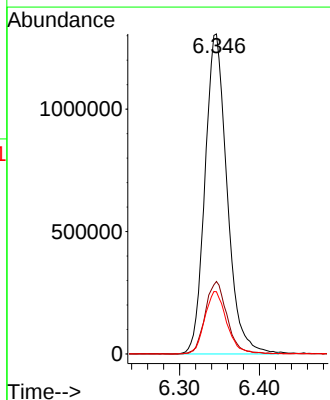
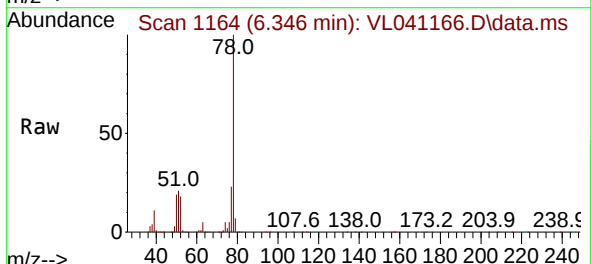
Manual Integrations
APPROVED

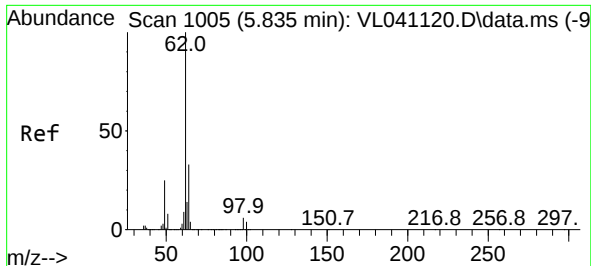
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#36
Benzene
Concen: 10.998 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 78 Resp: 2514195
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.4
50 19.4 15.4 23.2





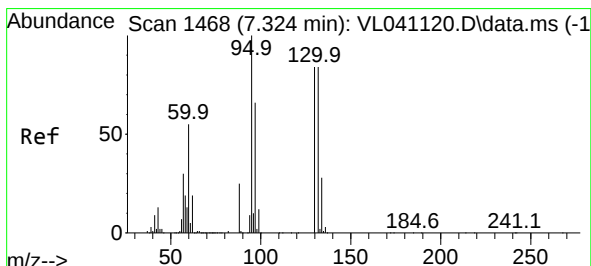
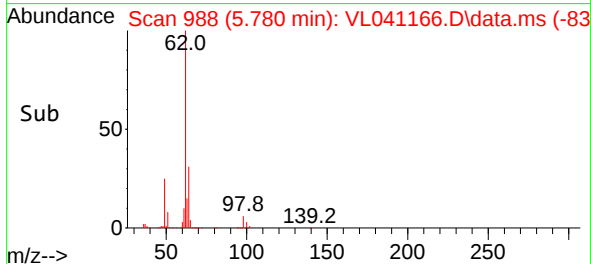
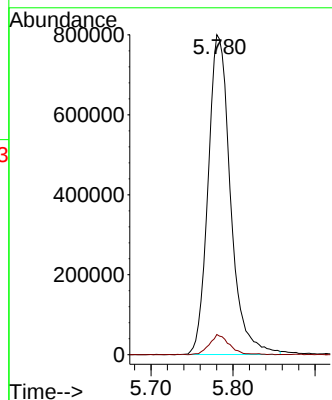
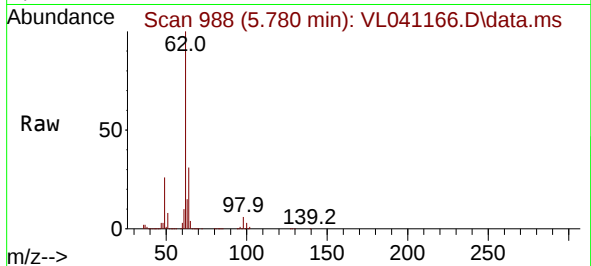
#37
1,2-Dichloroethane
Concen: 11.066 ppbv
RT: 5.780 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 62 Resp: 151897
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

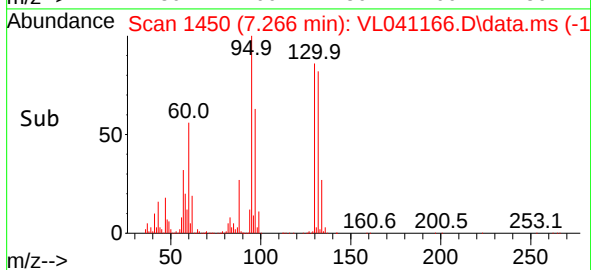
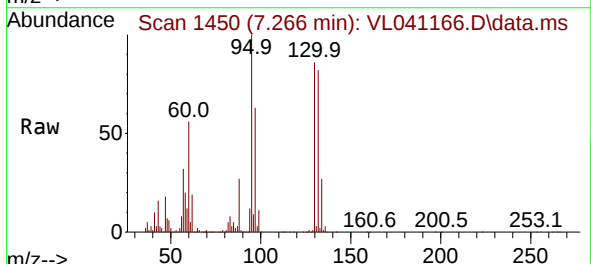
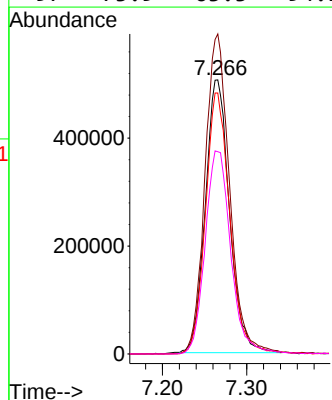
Manual Integrations
APPROVED

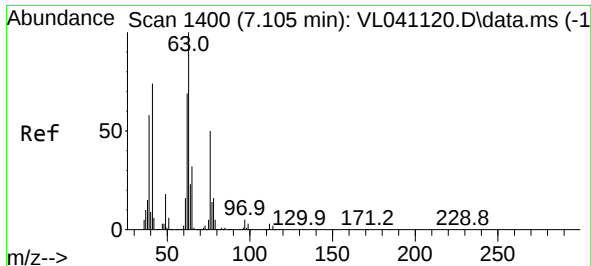
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#38
Trichloroethene
Concen: 12.208 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion:130 Resp: 1008300
Ion Ratio Lower Upper
130 100
95 117.1 95.4 143.0
132 95.6 80.0 120.0
97 73.9 63.3 94.9





#39

1,2-Dichloropropane

Concen: 11.021 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

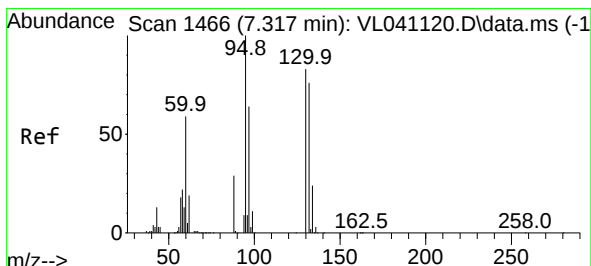
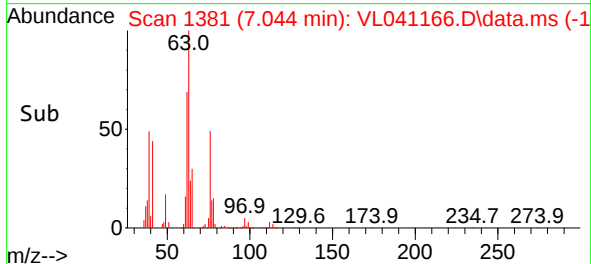
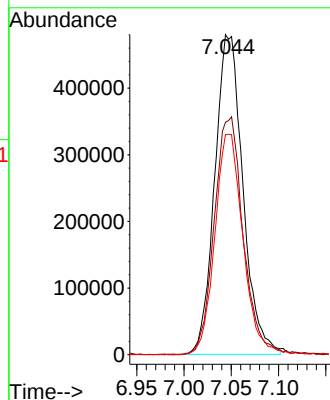
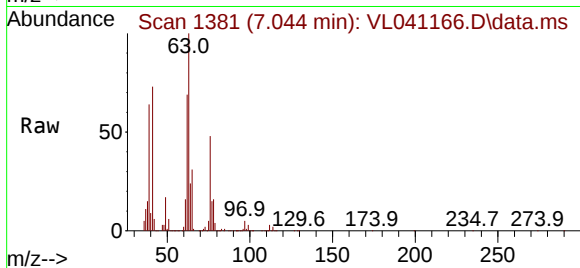
Tgt Ion: 63 Resp: 99341

Ion	Ratio	Lower	Upper
63	100		
41	72.6	58.7	88.1
62	68.7	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#40

1,4-Dioxane

Concen: 12.083 ppbv

RT: 7.256 min Scan# 1447

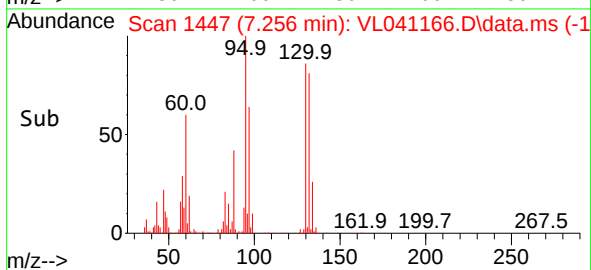
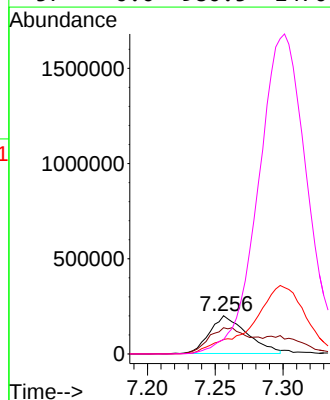
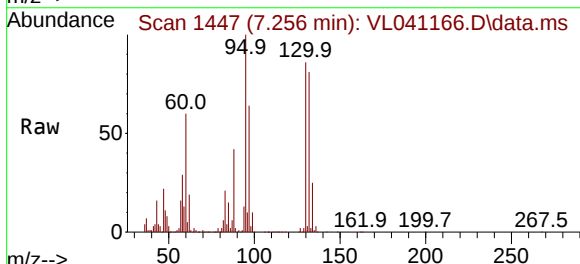
Delta R.T. -0.010 min

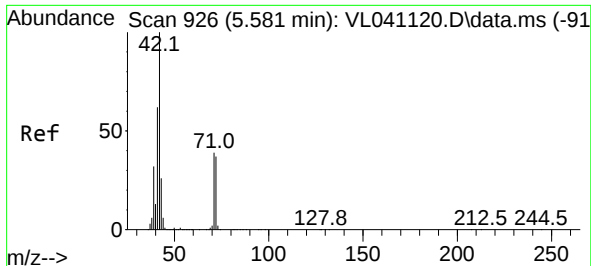
Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Tgt Ion: 88 Resp: 379567

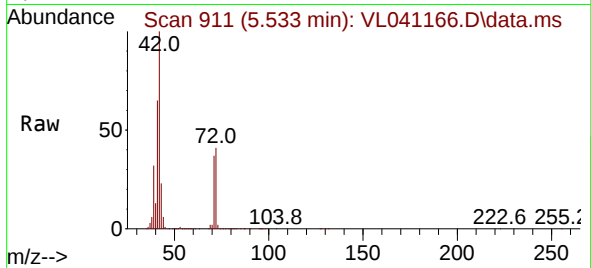
Ion	Ratio	Lower	Upper
88	100		
58	129.2	107.8	161.6
43	0.0	223.8	335.6#
57	0.0	980.5	1470.7#





#41
Tetrahydrofuran
Concen: 11.480 ppbv
RT: 5.533 min Scan# 911
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

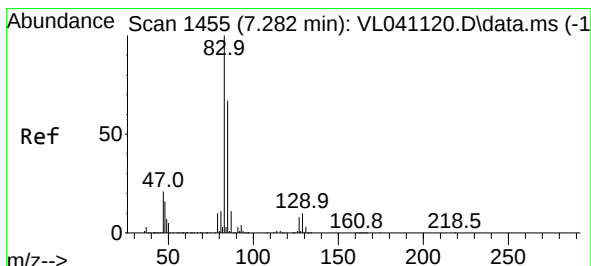
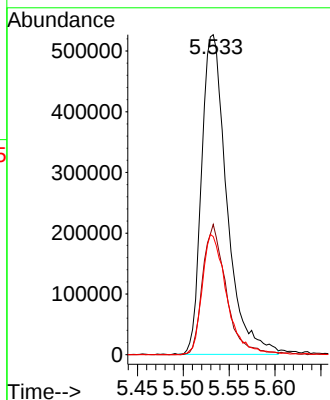
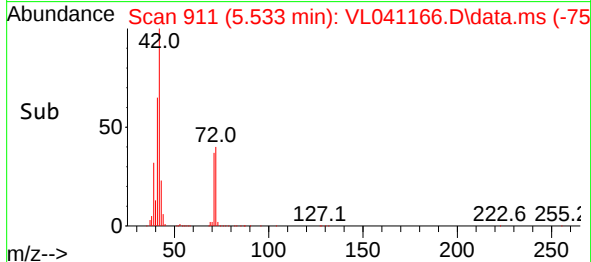
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 42 Resp: 100689
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 37.1 29.9 44.9

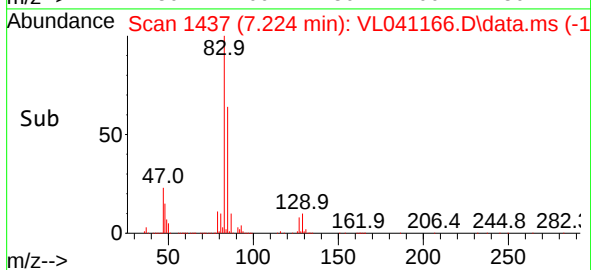
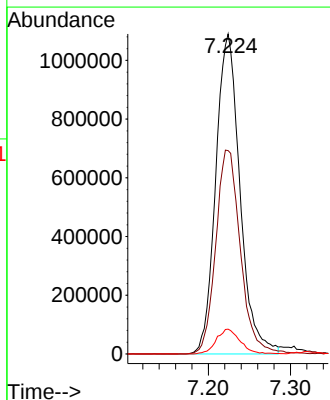
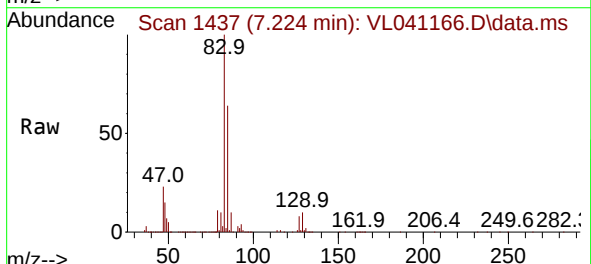
Manual Integrations
APPROVED

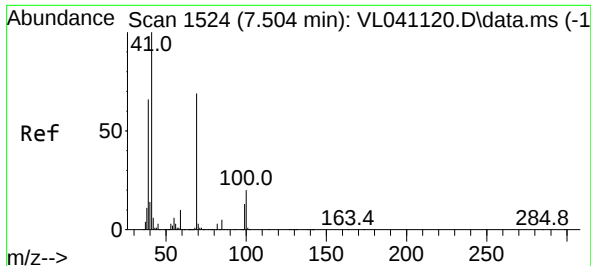
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#42
Bromodichloromethane
Concen: 11.395 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 83 Resp: 2234637
Ion Ratio Lower Upper
83 100
85 63.6 53.5 80.3
127 7.8 6.2 9.4





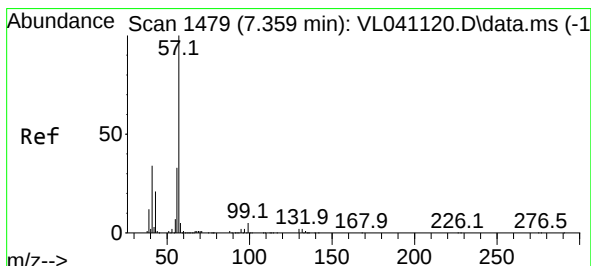
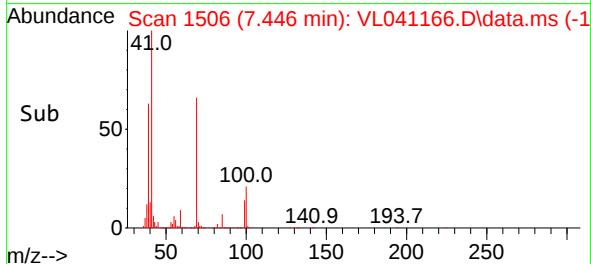
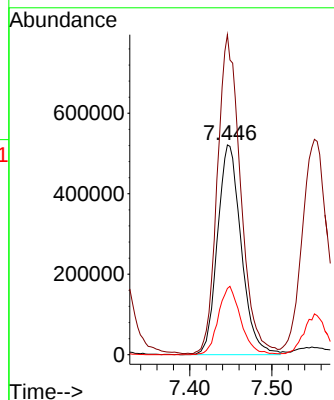
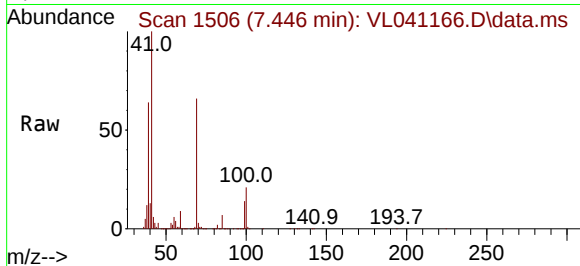
#43
Methyl Methacrylate
Concen: 12.007 ppbv
RT: 7.446 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 69 Resp: 104552
Ion Ratio Lower Upper
69 100
41 150.0 119.2 178.8
100 31.0 24.6 37.0

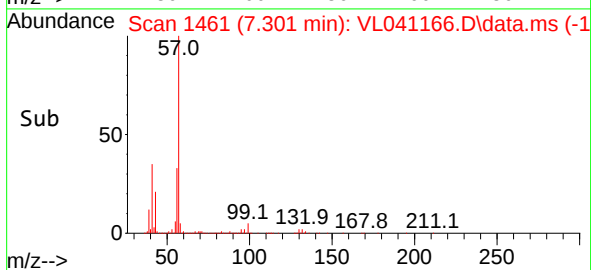
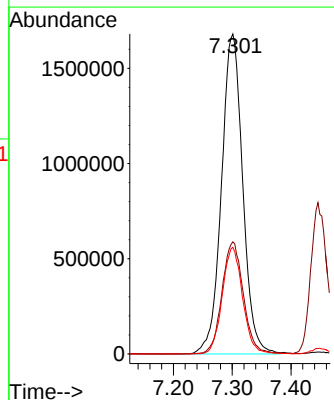
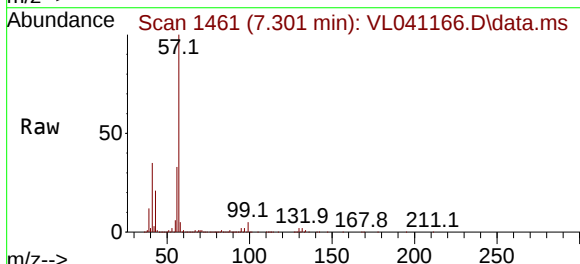
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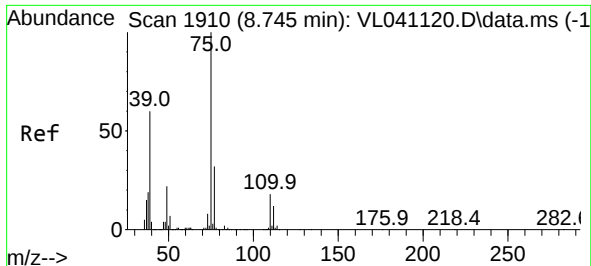
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#44
2,2,4-Trimethylpentane
Concen: 11.145 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 57 Resp: 4217958
Ion Ratio Lower Upper
57 100
41 35.4 28.2 42.2
56 32.0 25.2 37.8





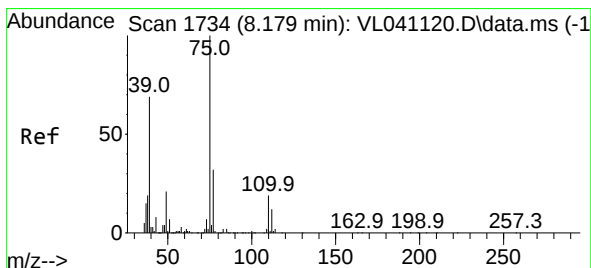
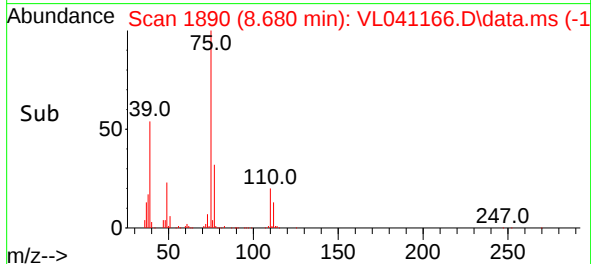
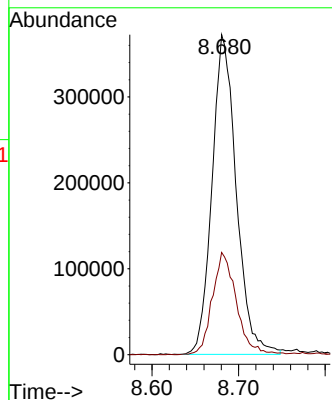
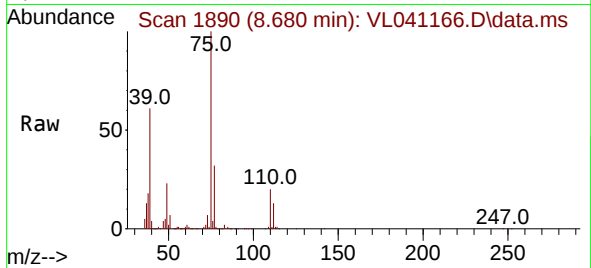
#45
t-1,3-Dichloropropene
Concen: 14.115 ppbv
RT: 8.680 min Scan# 1714
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 75 Resp: 724329
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

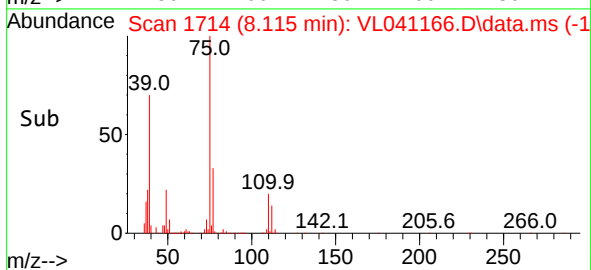
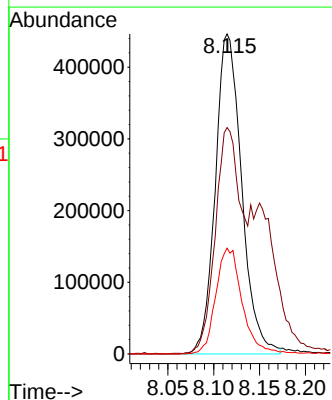
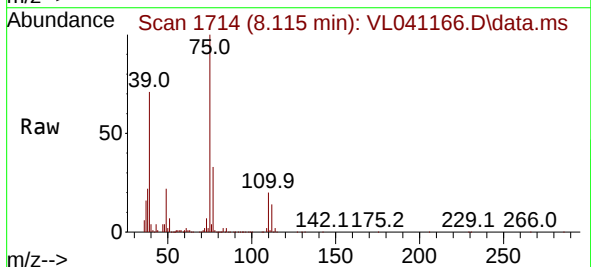
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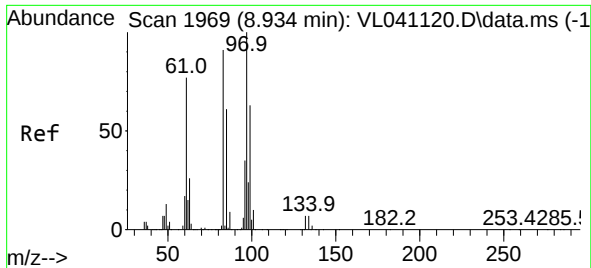
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#46
cis-1,3-Dichloropropene
Concen: 13.431 ppbv
RT: 8.115 min Scan# 1714
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 75 Resp: 891712
Ion Ratio Lower Upper
75 100
39 70.6 55.1 82.7
77 33.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 11.108 ppbv

RT: 8.870 min Scan# 1969

Delta R.T. -0.009 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion: 97 Resp: 1082178

Ion Ratio Lower Upper

97 100

83 88.9 72.9 109.3

85 59.8 49.1 73.7

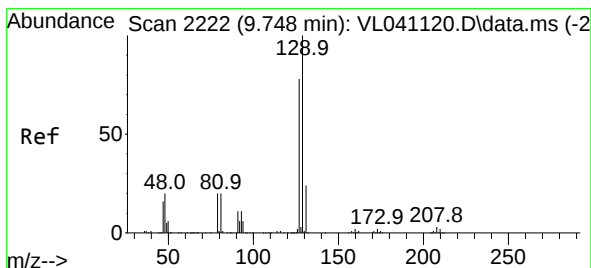
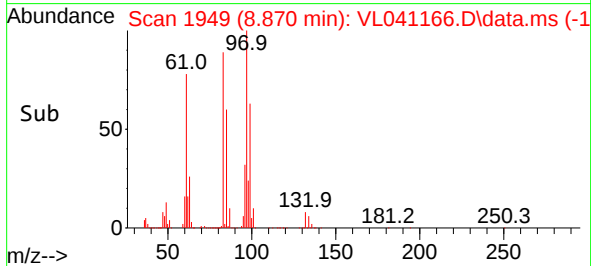
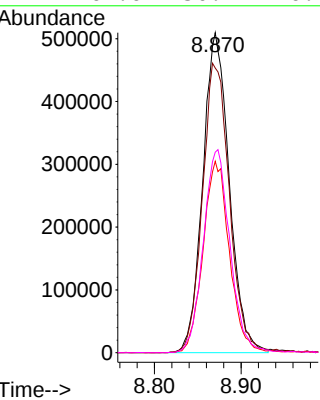
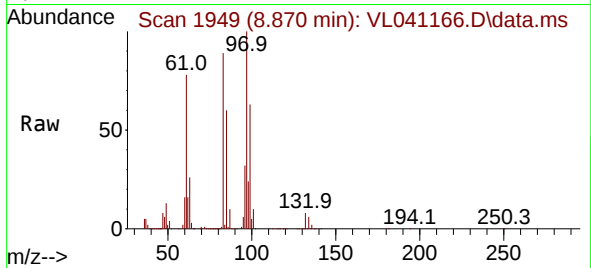
99 62.6 50.7 76.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#48

Dibromochloromethane

Concen: 12.095 ppbv

RT: 9.684 min Scan# 2202

Delta R.T. -0.003 min

Lab File: VL041166.D

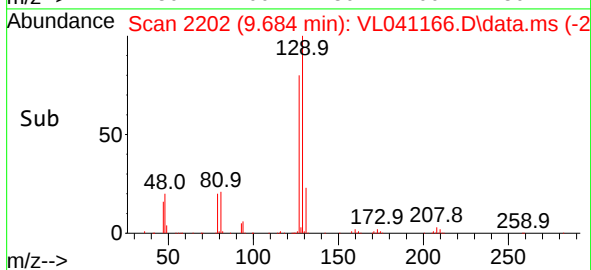
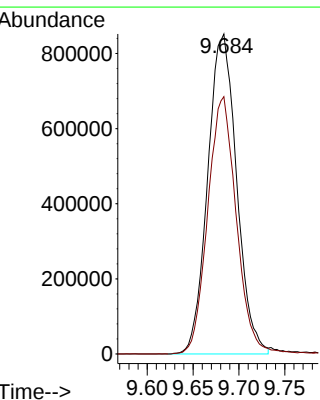
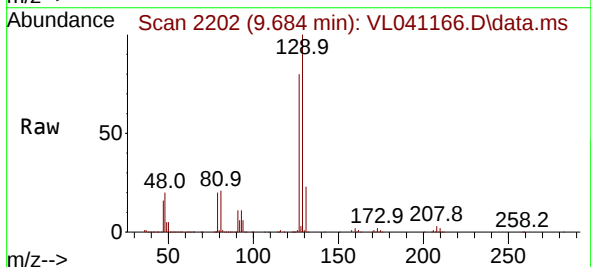
Acq: 25 Apr 2024 12:00

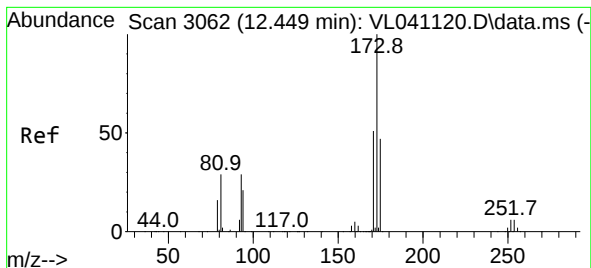
Tgt Ion:129 Resp: 1870497

Ion Ratio Lower Upper

129 100

127 79.9 39.3 117.9





#49

Bromoform

Concen: 12.547 ppbv

RT: 12.375 min Scan# 3062

Delta R.T. -0.006 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion:173 Resp: 1537239

Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.0

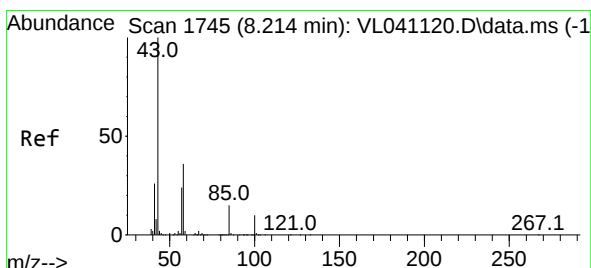
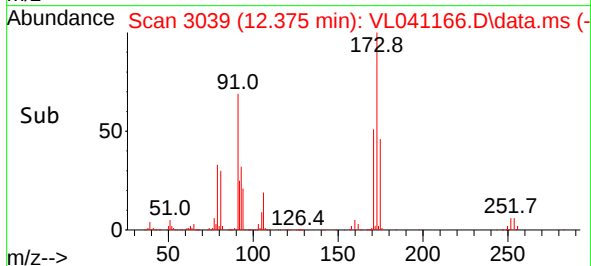
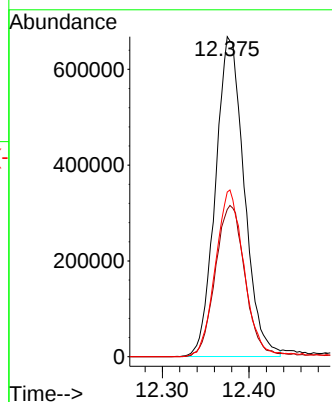
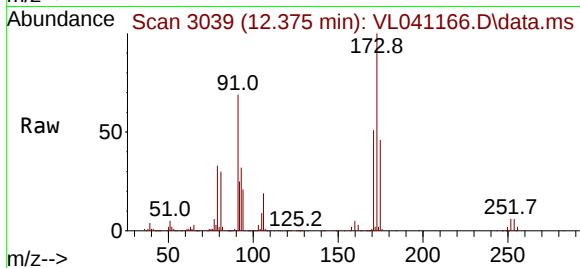
171 53.2 42.9 64.3

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Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#50

4-Methyl-2-Pentanone

Concen: 11.739 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.006 min

Lab File: VL041166.D

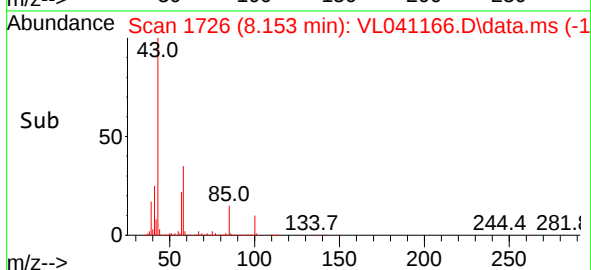
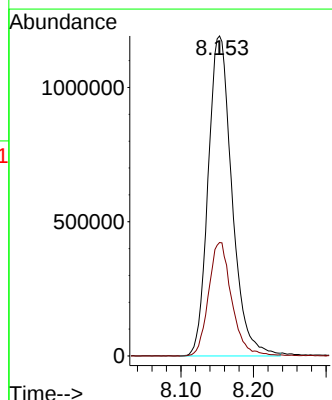
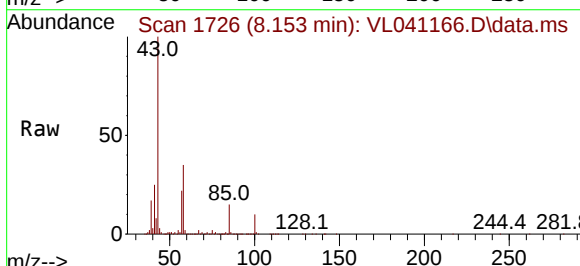
Acq: 25 Apr 2024 12:00

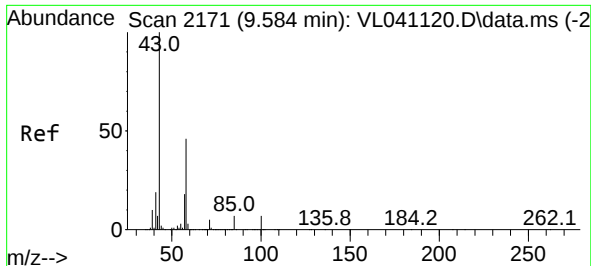
Tgt Ion: 43 Resp: 2721213

Ion Ratio Lower Upper

43 100

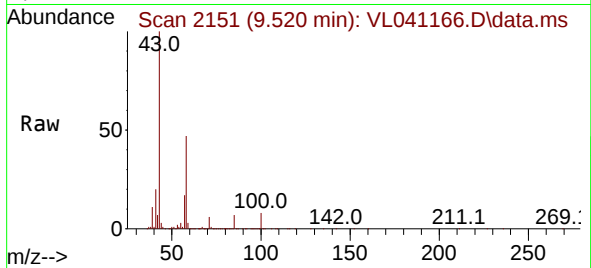
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 12.308 ppbv
RT: 9.520 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

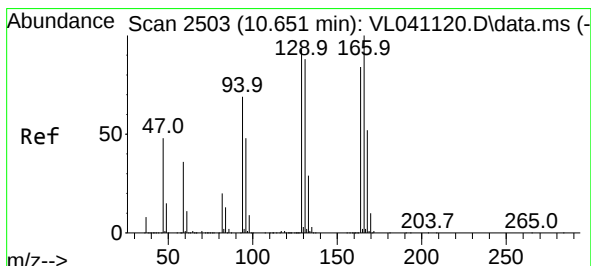
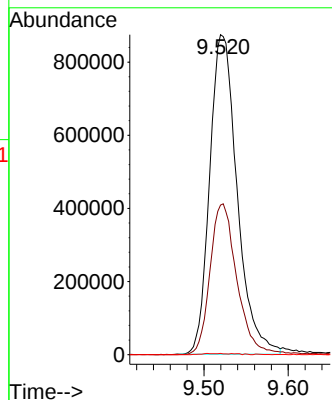
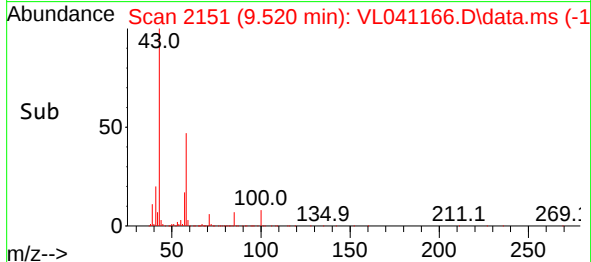
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



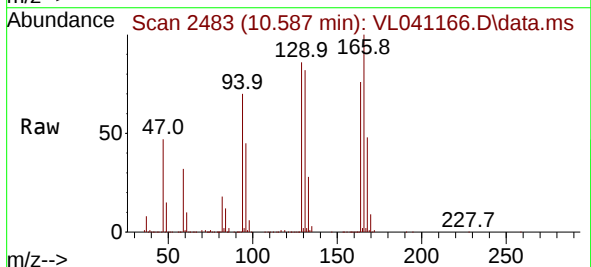
Tgt Ion: 43 Resp: 1978320
Ion Ratio Lower Upper
43 100
58 46.6 37.3 55.9
98 0.5 0.3 0.5

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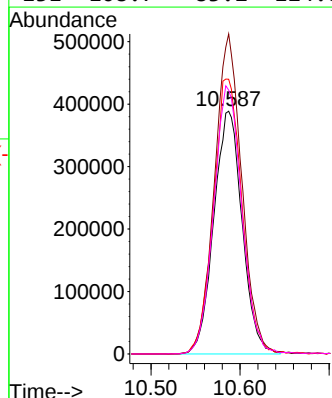
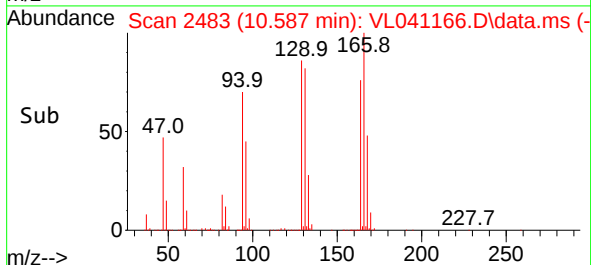
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

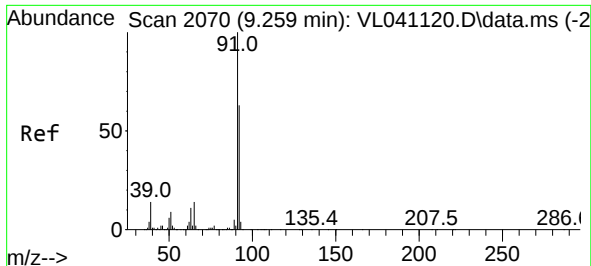


#52
Tetrachloroethene
Concen: 11.729 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



Tgt Ion:164 Resp: 855502
Ion Ratio Lower Upper
164 100
166 131.7 95.0 142.6
129 113.1 88.7 133.1
131 108.7 83.2 124.8





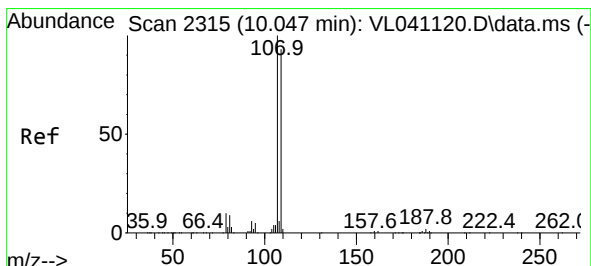
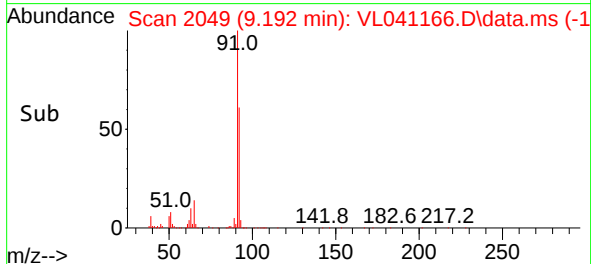
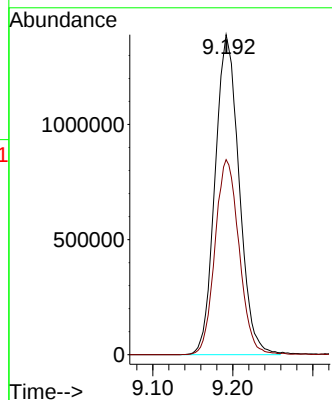
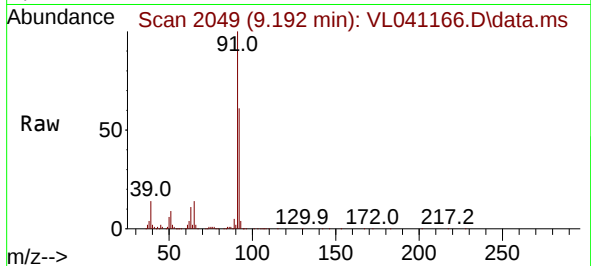
#53
Toluene
Concen: 12.035 ppbv
RT: 9.192 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 91 Resp: 289697
Ion Ratio Lower Upper
91 100
92 61.5 49.0 73.4

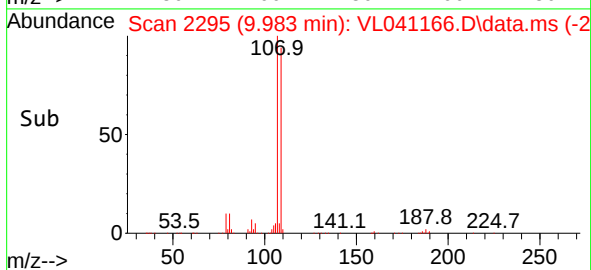
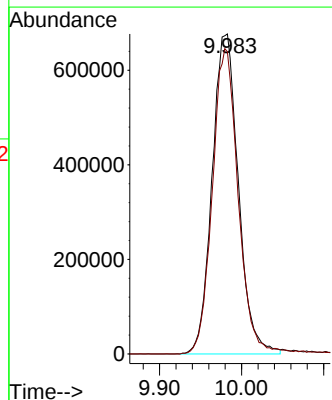
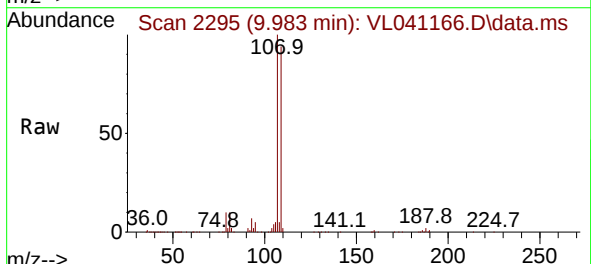
Manual Integrations
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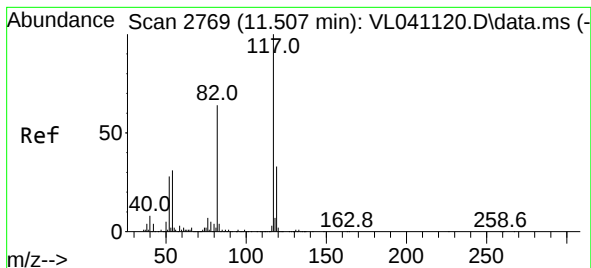
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#54
1,2-Dibromoethane
Concen: 12.381 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

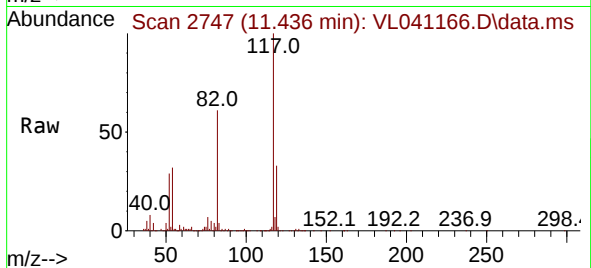
Tgt Ion:107 Resp: 1504242
Ion Ratio Lower Upper
107 100
109 94.4 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2761
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

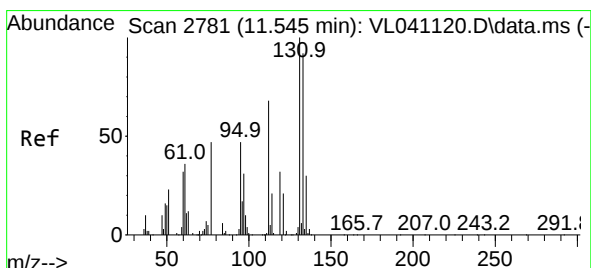
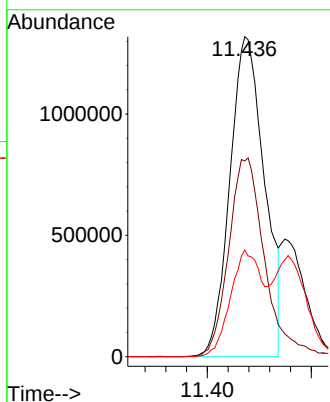
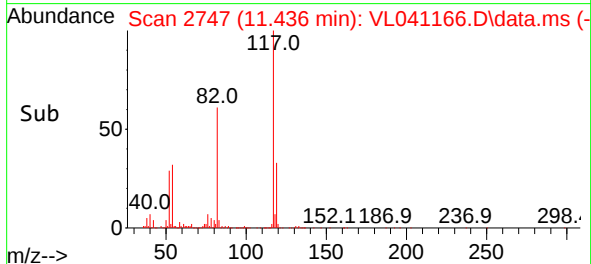
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



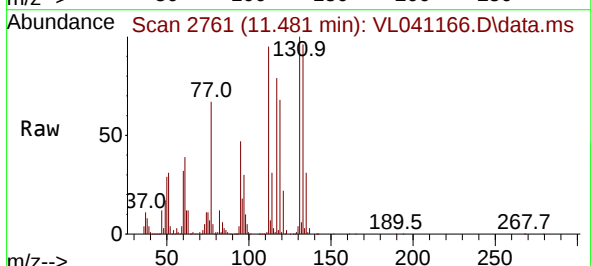
Tgt Ion:117 Resp: 3033340
Ion Ratio Lower Upper
117 100
82 65.8 51.0 76.6
119 33.0 25.2 37.8

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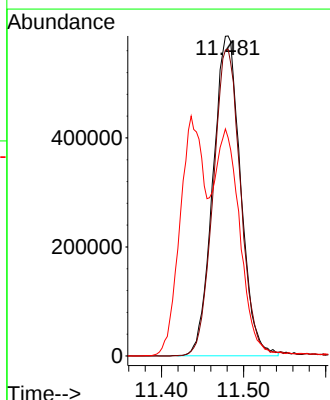
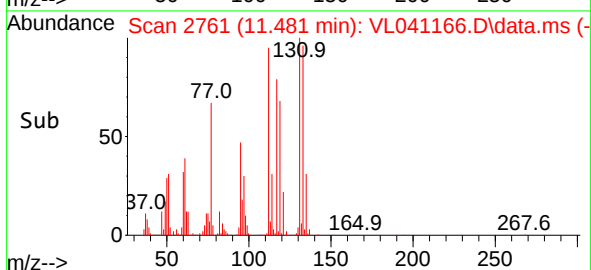
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

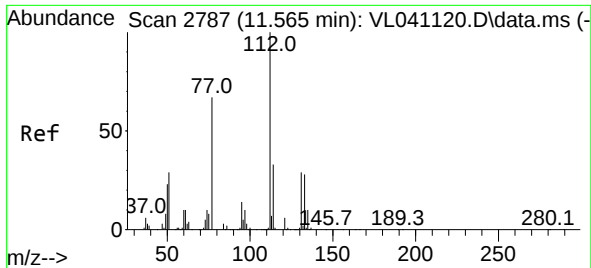


#56
1,1,1,2-Tetrachloroethane
Concen: 11.031 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



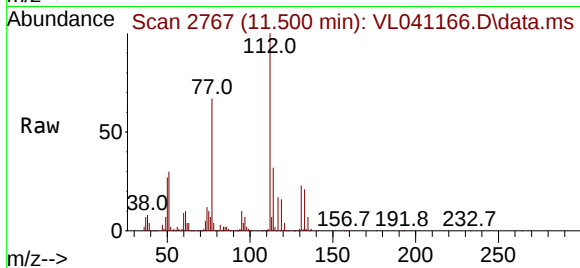
Tgt Ion:131 Resp: 1375183
Ion Ratio Lower Upper
131 100
133 96.3 76.6 115.0
119 61.8 49.9 74.9





#57
Chlorobenzene
Concen: 10.976 ppbv
RT: 11.500 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

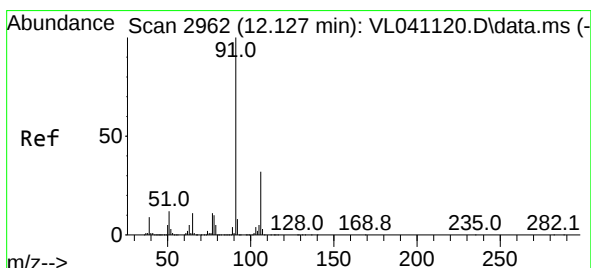
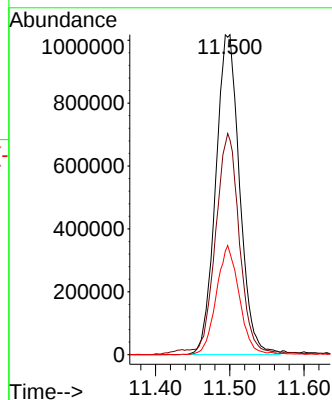
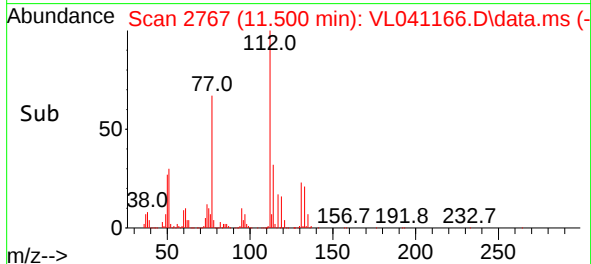
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



Tgt Ion: 112 Resp: 227911
Ion Ratio Lower Upper
112 100
77 66.3 54.0 81.0
114 31.8 29.3 35.9

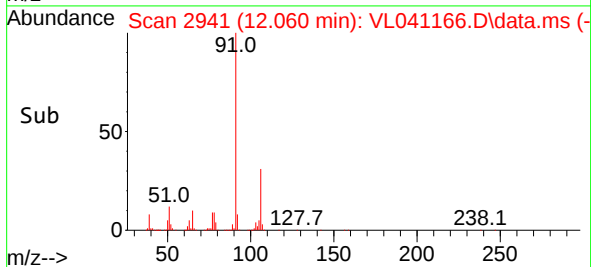
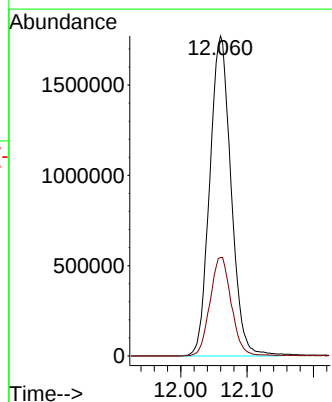
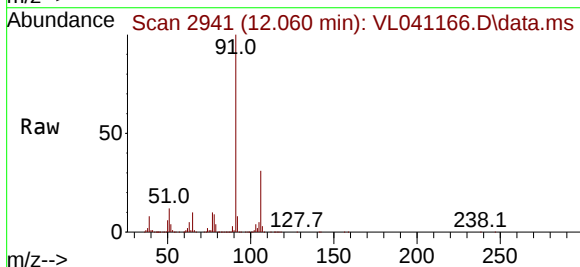
Manual Integrations
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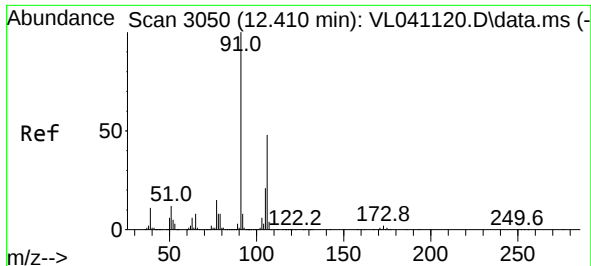
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#58
Ethyl Benzene
Concen: 11.912 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 91 Resp: 3955948
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





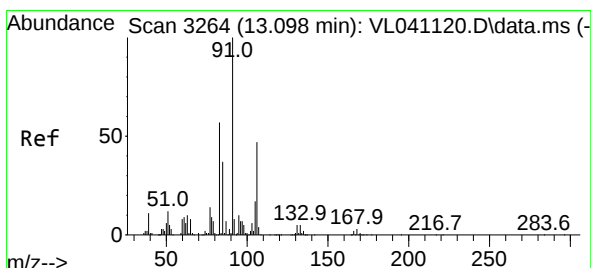
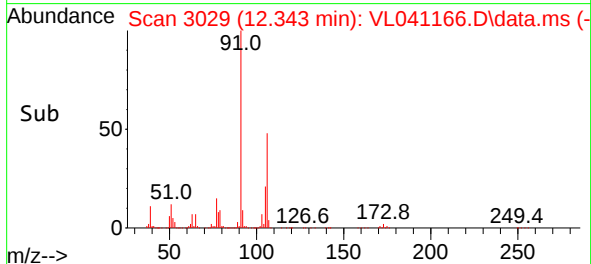
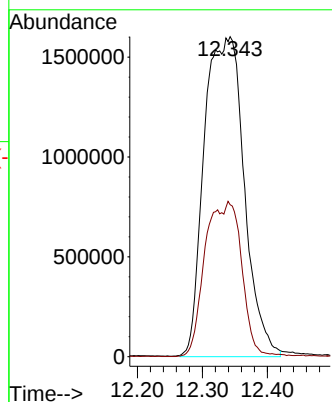
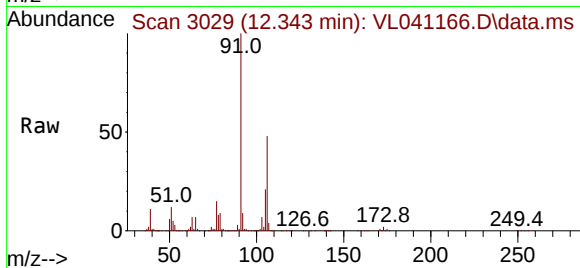
#59
m/p-Xylene
Concen: 22.777 ppbv m
RT: 12.343 min Scan# 3050
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01

Tgt Ion: 91 Resp: 683121
Ion Ratio Lower Upper
91 100
106 44.8 35.4 53.2

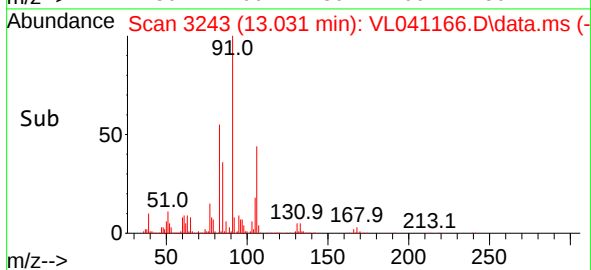
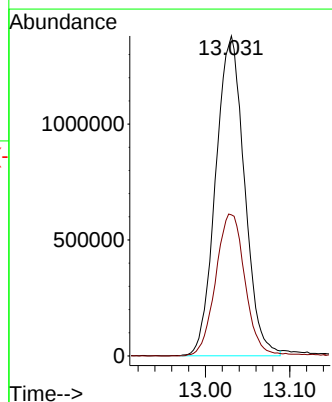
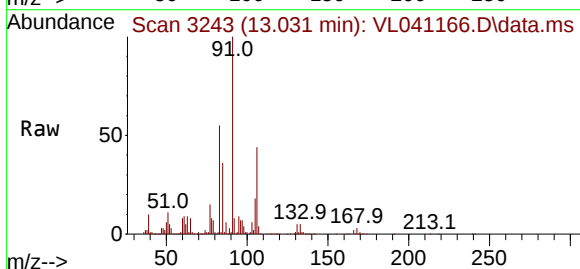
Manual Integrations
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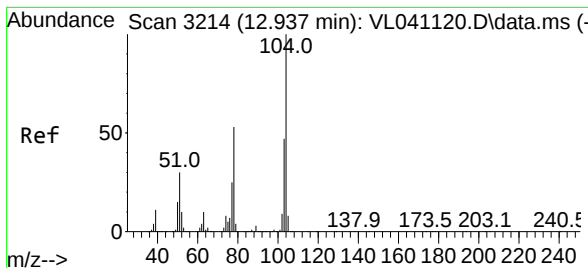
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#60
o-Xylene
Concen: 11.507 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

Tgt Ion: 91 Resp: 3270188
Ion Ratio Lower Upper
91 100
106 45.7 22.9 68.5





#61

Styrene

Concen: 13.194 ppbv

RT: 12.867 min Scan# 3192

Delta R.T. -0.006 min

Lab File: VL041166.D

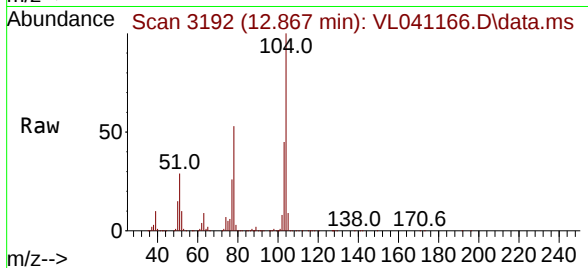
Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01



Tgt Ion:104 Resp: 1661419

Ion Ratio Lower Upper

104 100

78 52.7 43.3 64.9

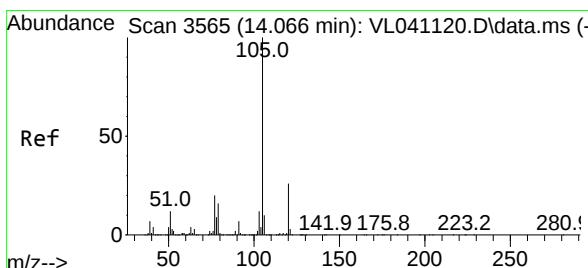
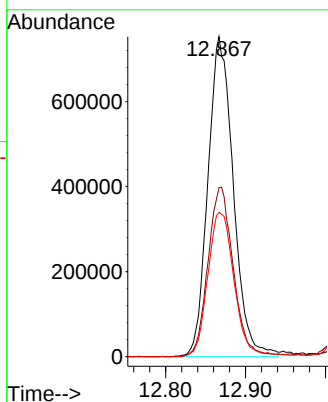
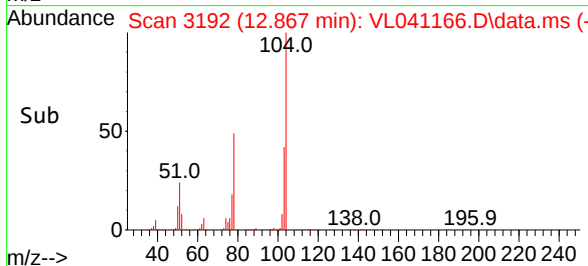
103 46.9 38.2 57.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#62

Isopropylbenzene

Concen: 11.191 ppbv

RT: 14.002 min Scan# 3545

Delta R.T. -0.003 min

Lab File: VL041166.D

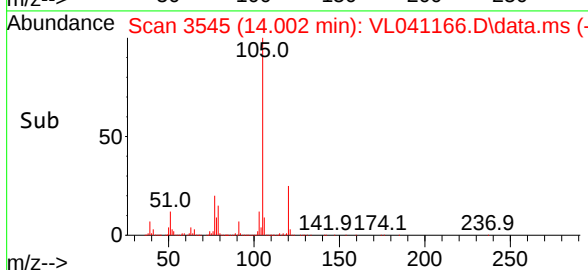
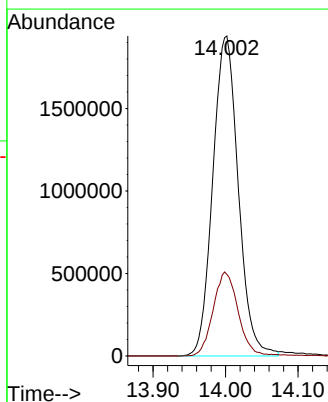
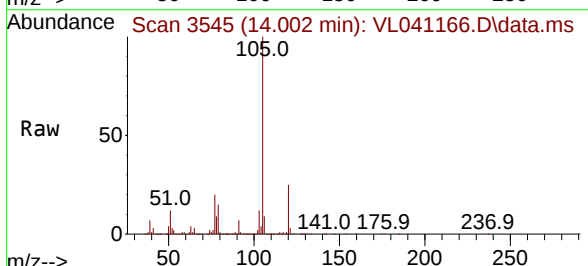
Acq: 25 Apr 2024 12:00

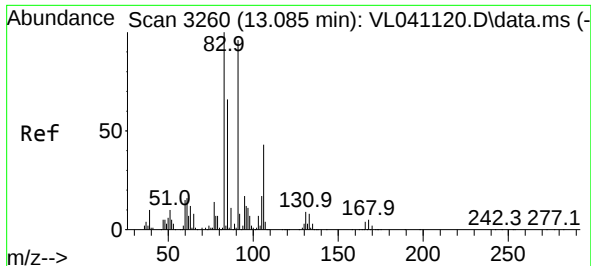
Tgt Ion:105 Resp: 4734622

Ion Ratio Lower Upper

105 100

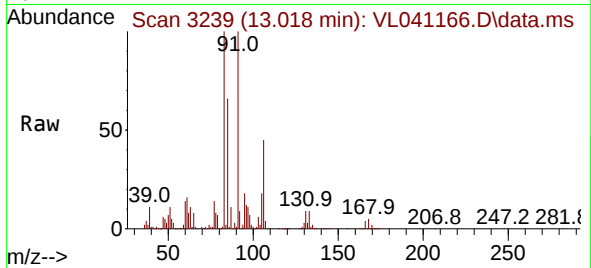
120 26.0 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 11.260 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

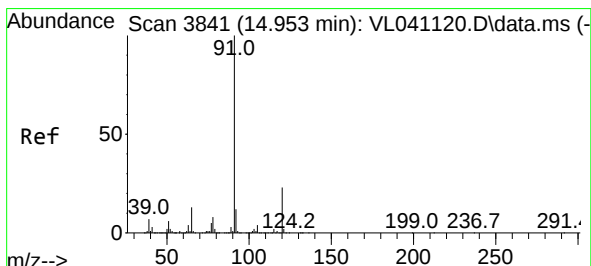
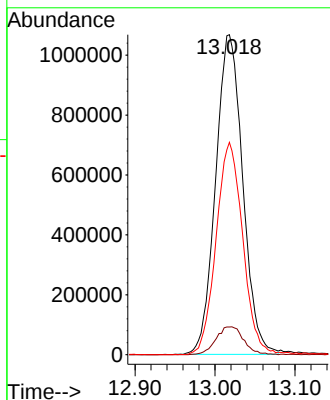
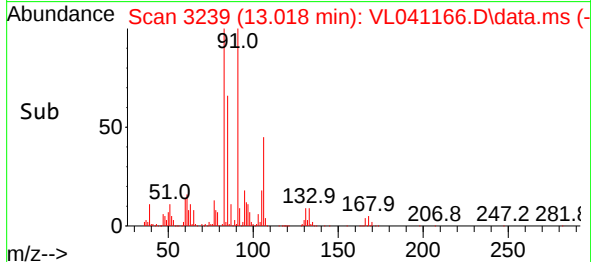
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



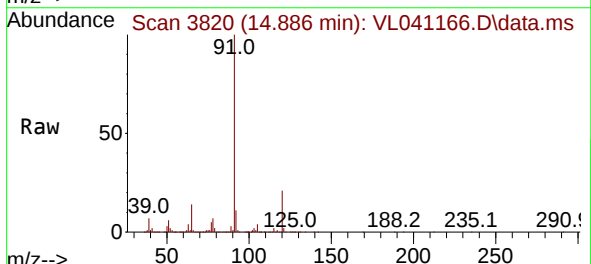
Tgt Ion: 83 Resp: 251421
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.0
85 66.1 33.1 99.2

Manual Integrations
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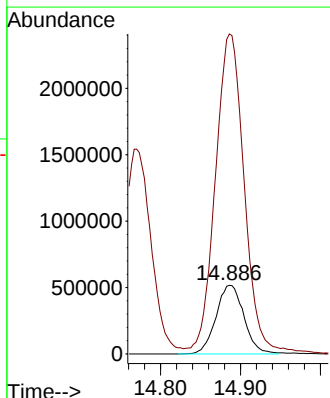
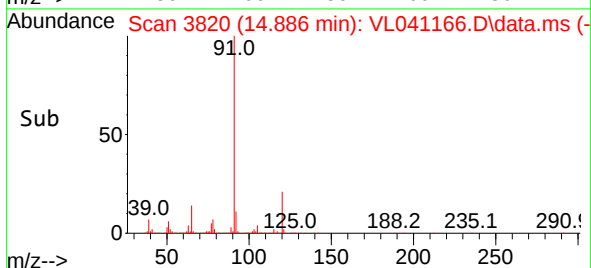
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

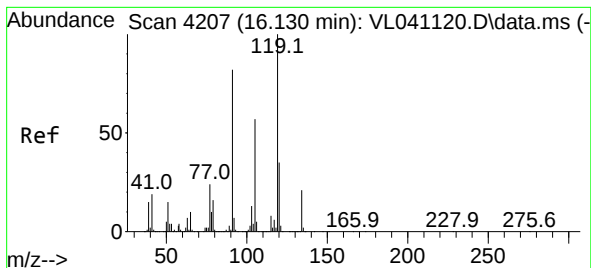


#64
n-propylbenzene
Concen: 11.789 ppbv
RT: 14.886 min Scan# 3820
Delta R.T. 0.000 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



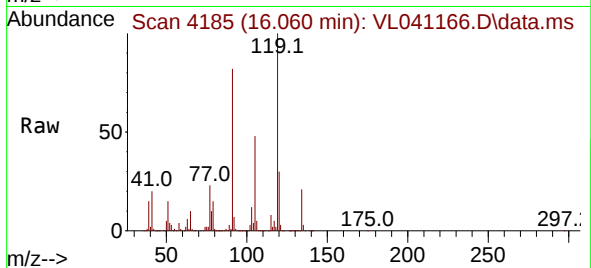
Tgt Ion:120 Resp: 1251676
Ion Ratio Lower Upper
120 100
91 485.0 395.0 592.6





#65
tert-Butylbenzene
Concen: 11.481 ppbv
RT: 16.060 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

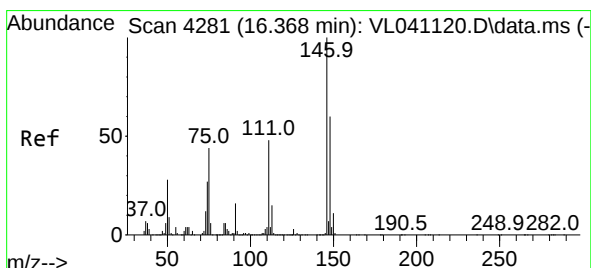
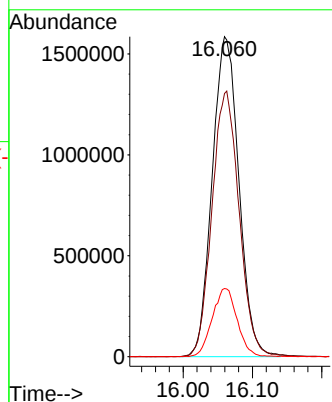
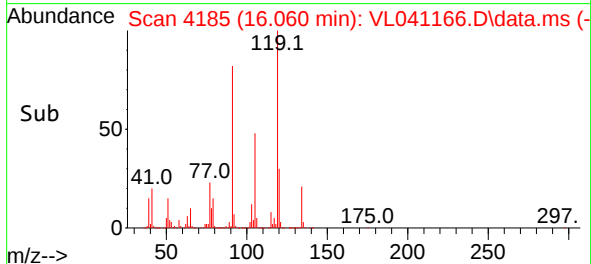
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



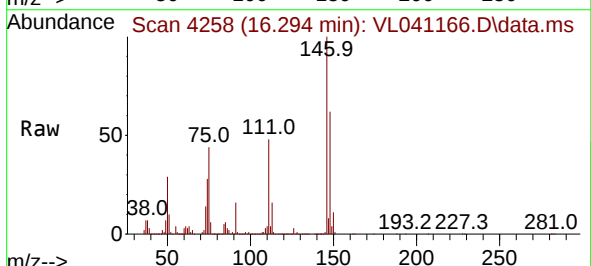
Tgt Ion:119 Resp: 424046
Ion Ratio Lower Upper
119 100
91 84.6 67.8 101.8
134 20.0 16.0 24.0

Manual Integrations
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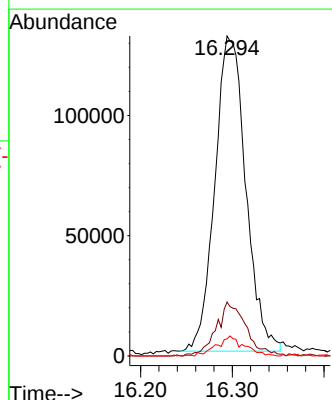
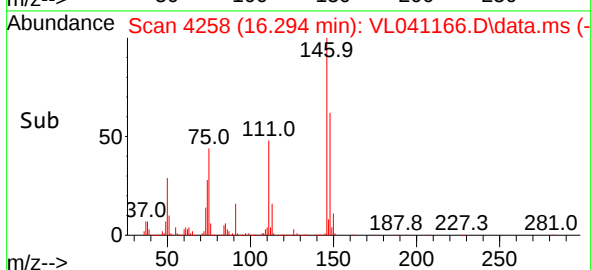
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

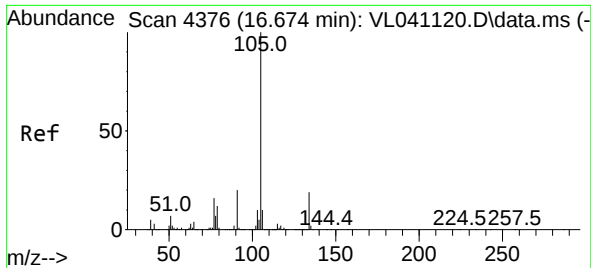


#66
Benzyl Chloride
Concen: 12.611 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



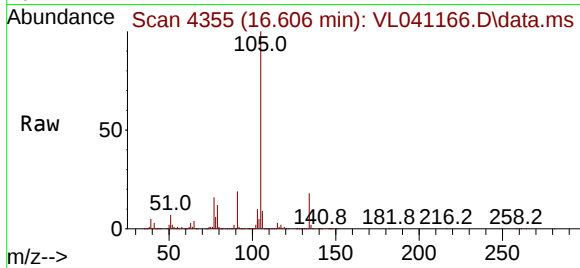
Tgt Ion: 91 Resp: 306447
Ion Ratio Lower Upper
91 100
126 16.5 13.4 20.2
128 5.8 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 11.330 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

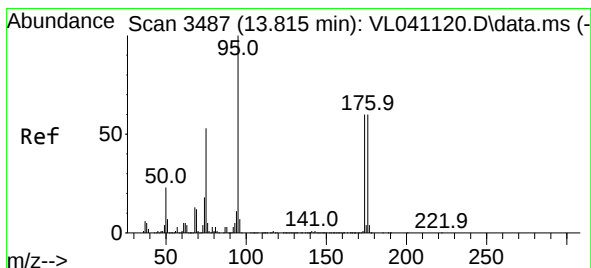
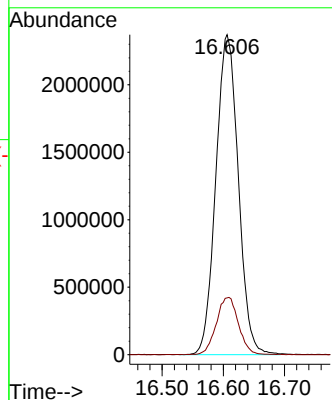
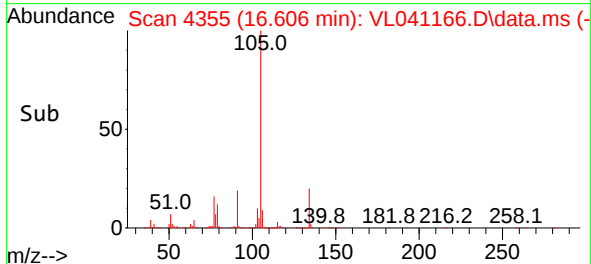
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0425ABS01



Tgt Ion:105 Resp: 6045772
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

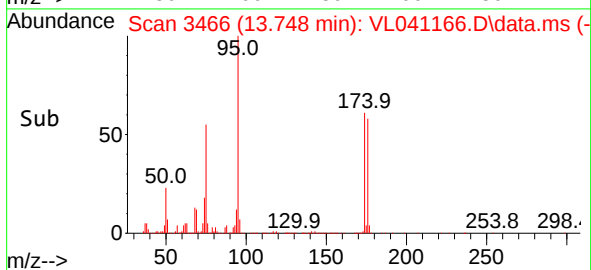
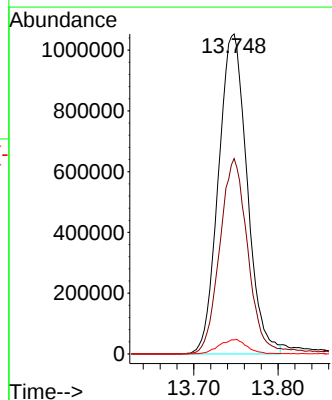
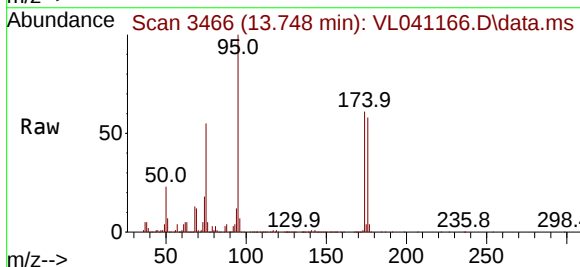
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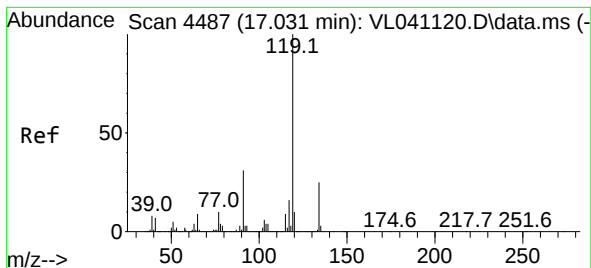
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.185 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

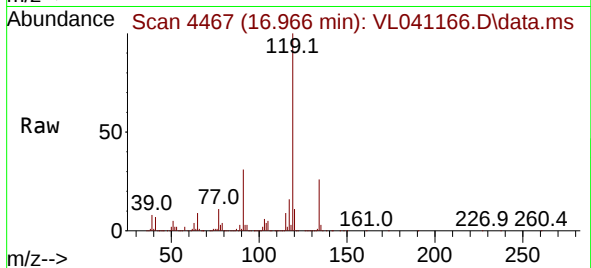
Tgt Ion: 95 Resp: 2484342
 Ion Ratio Lower Upper
 95 100
 174 61.3 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 11.744 ppbv
RT: 16.966 min Scan# 4487
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

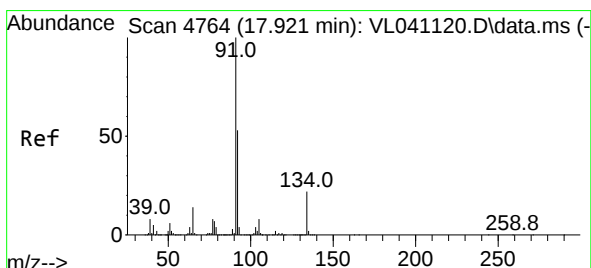
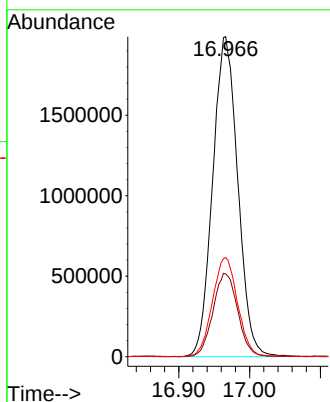
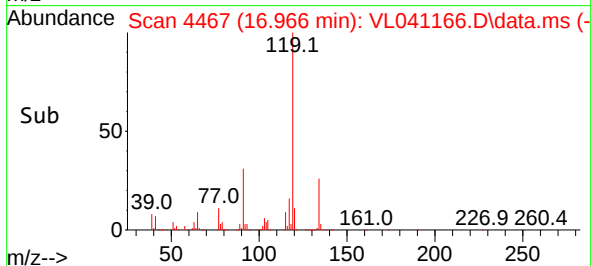
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



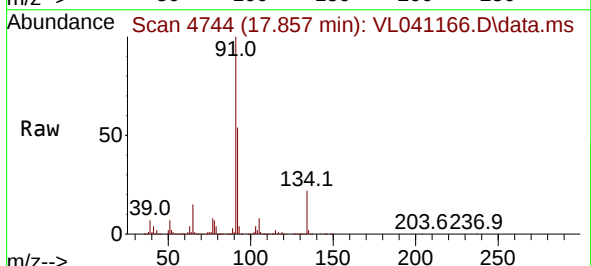
Tgt Ion:119 Resp: 4886904
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 31.2 24.8 37.2

Manual Integrations
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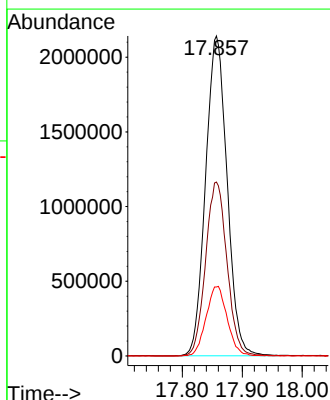
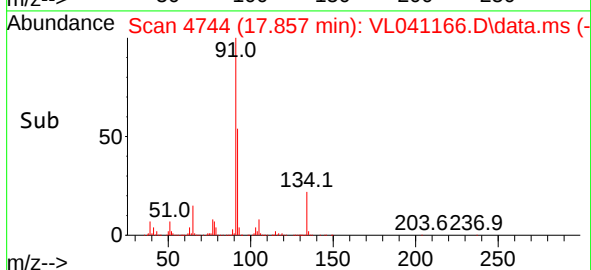
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

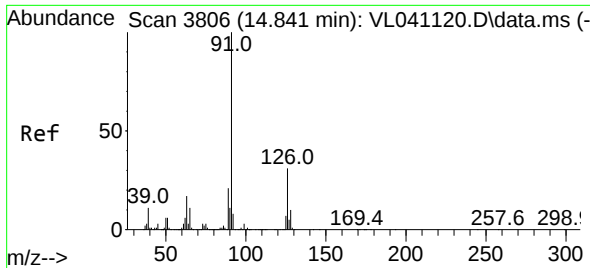


#70
n-Butylbenzene
Concen: 11.803 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



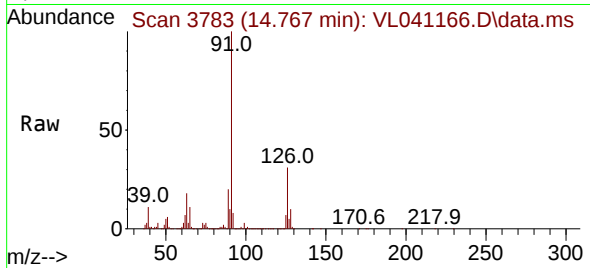
Tgt Ion: 91 Resp: 5335825
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.4 17.1 25.7





#71
2-Chlorotoluene
Concen: 11.459 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

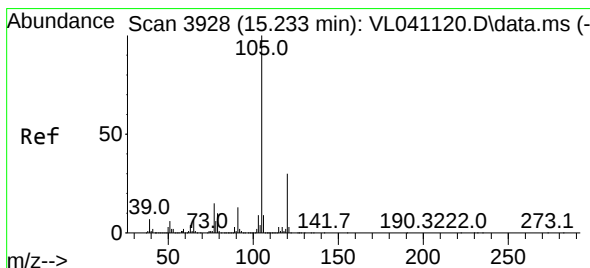
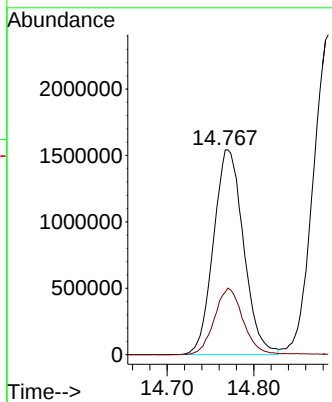
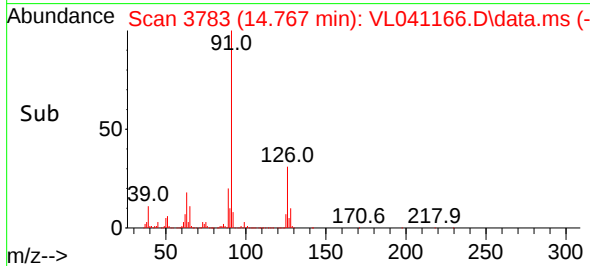
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



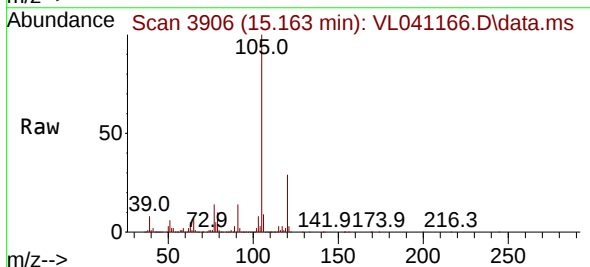
Tgt Ion: 91 Resp: 3718400
Ion Ratio Lower Upper
91 100
126 31.6 12.5 50.1

Manual Integrations
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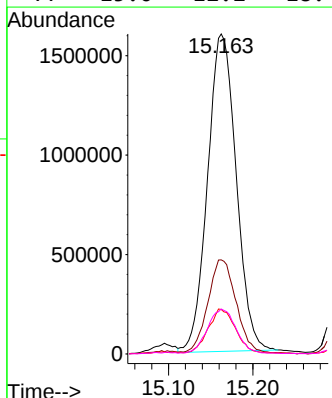
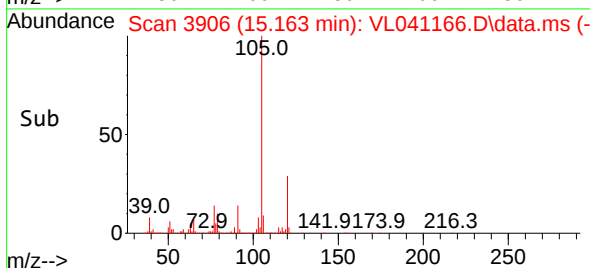
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

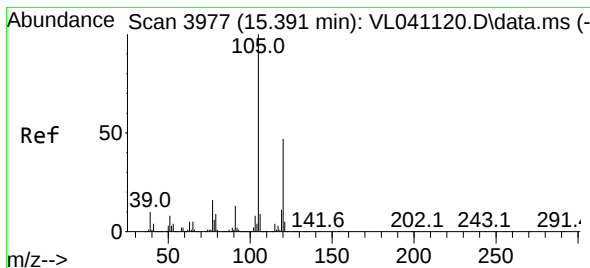


#72
4-Ethyltoluene
Concen: 11.887 ppbv
RT: 15.163 min Scan# 3906
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



Tgt Ion:105 Resp: 3773053
Ion Ratio Lower Upper
105 100
120 29.9 24.2 36.2
91 13.7 11.2 16.8
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 11.701 ppbv

RT: 15.320 min Scan# 3977

Delta R.T. -0.006 min

Lab File: VL041166.D

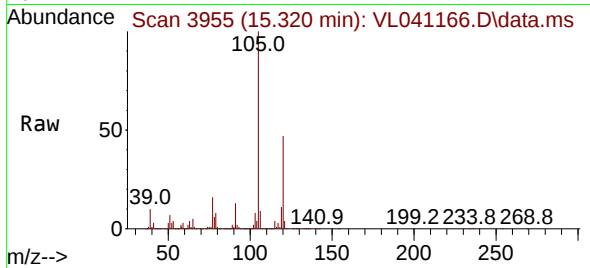
Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01



Tgt Ion:105 Resp: 327564

Ion Ratio Lower Upper

105 100

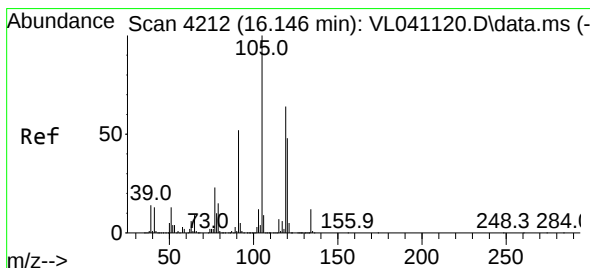
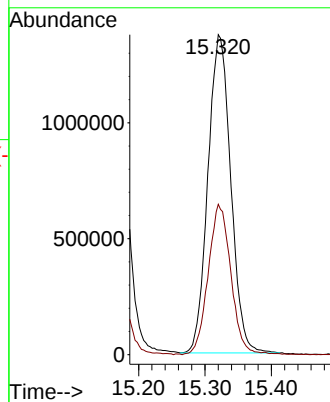
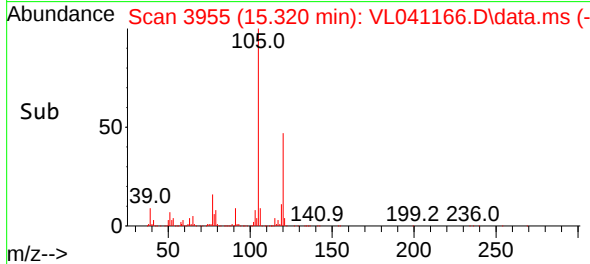
120 47.1 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#74

1,2,4-Trimethylbenzene

Concen: 11.436 ppbv

RT: 16.079 min Scan# 4191

Delta R.T. -0.003 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Tgt Ion:105 Resp: 3663832

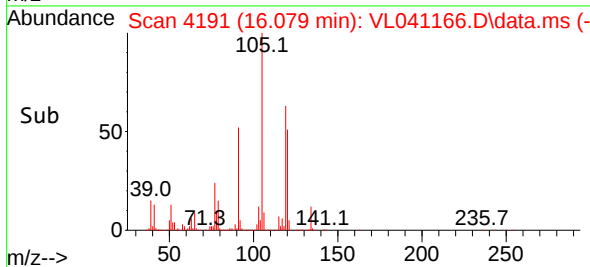
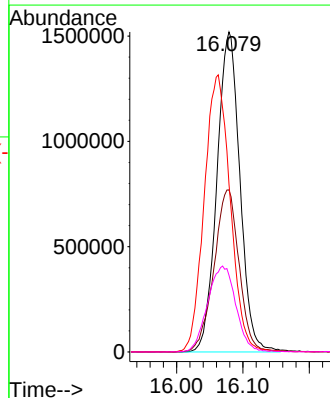
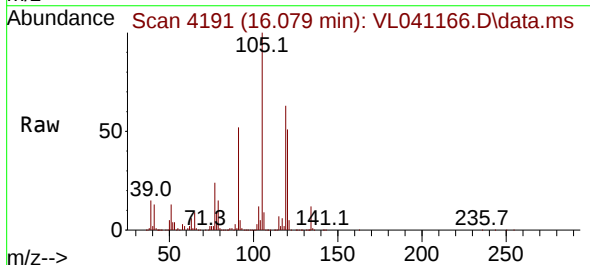
Ion Ratio Lower Upper

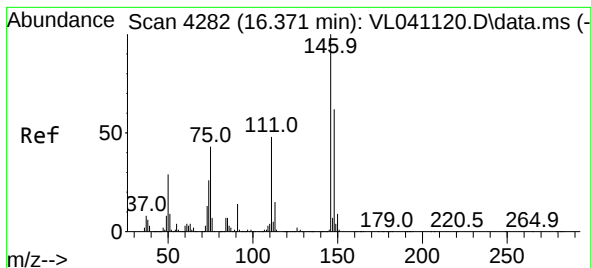
105 100

120 50.6 38.9 58.3

91 52.2 43.0 64.6

77 23.8 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 11.446 ppbv

RT: 16.304 min Scan# 4304

Delta R.T. 0.000 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

Tgt Ion:146 Resp: 2140878

Ion Ratio Lower Upper

146 100

111 48.7 24.1 72.4

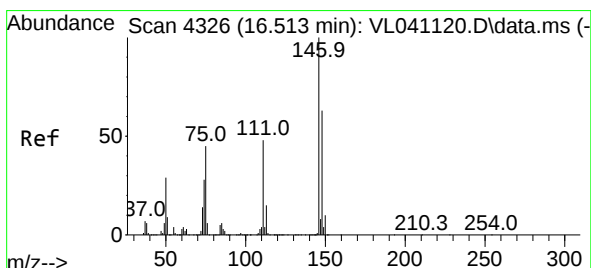
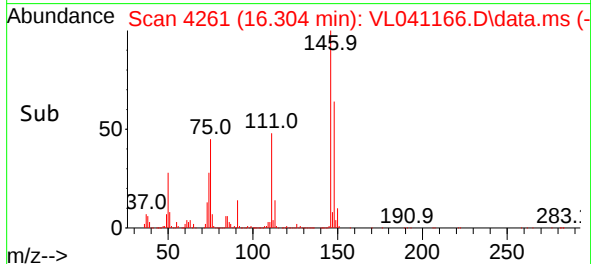
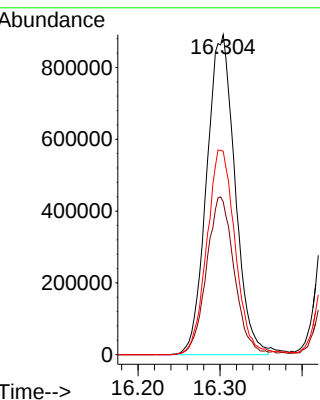
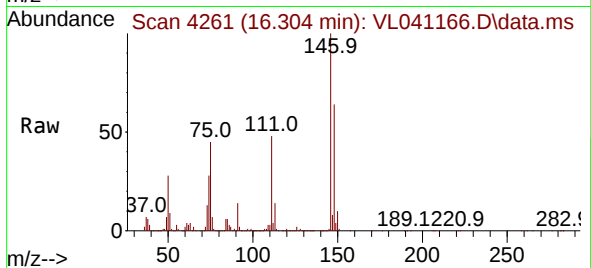
148 64.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024

Supervised By :Mahesh Dadoda 04/26/2024



#76

1,4-Dichlorobenzene

Concen: 11.789 ppbv

RT: 16.442 min Scan# 4304

Delta R.T. -0.003 min

Lab File: VL041166.D

Acq: 25 Apr 2024 12:00

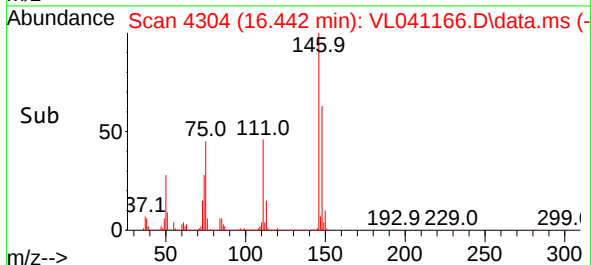
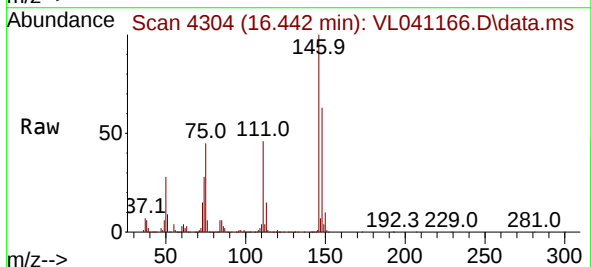
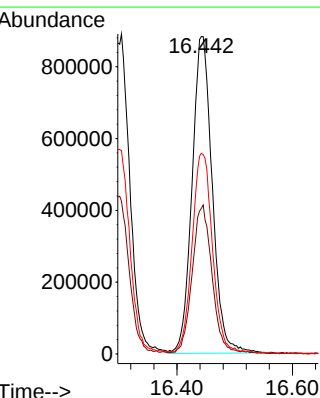
Tgt Ion:146 Resp: 2144997

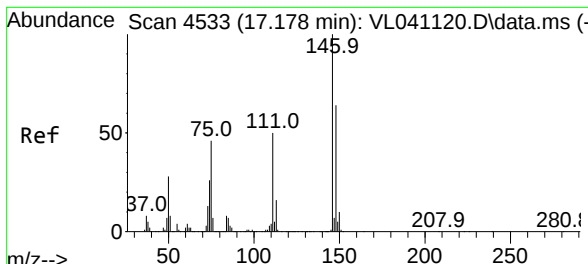
Ion Ratio Lower Upper

146 100

111 46.5 24.1 72.3

148 64.4 33.1 99.2





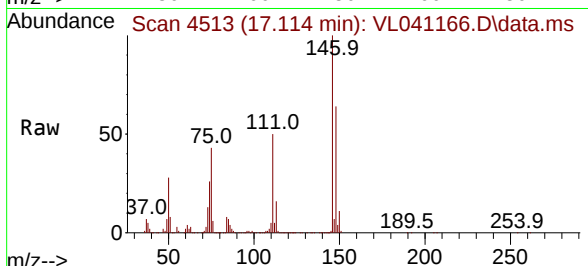
#77
 1,2-Dichlorobenzene
 Concen: 11.477 ppbv
 RT: 17.114 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABS01

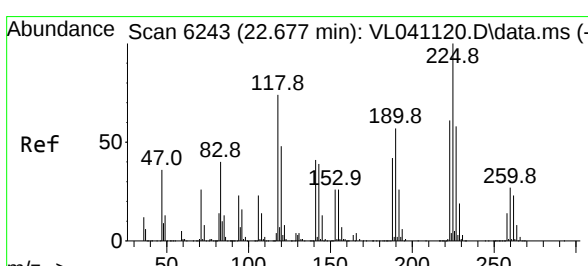
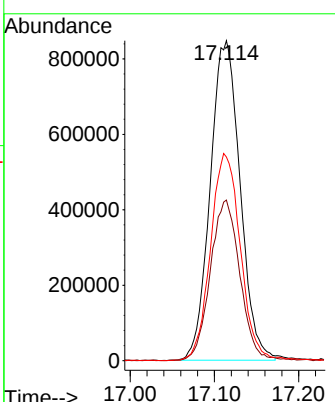
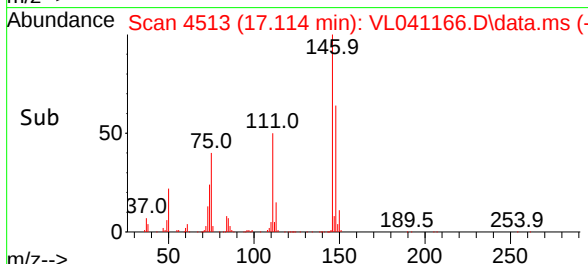


Tgt Ion:146 Resp: 2084520

Ion	Ratio	Lower	Upper
146	100		
111	50.2	25.1	75.3
148	65.3	32.6	97.7

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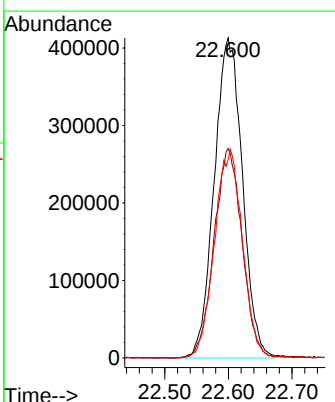
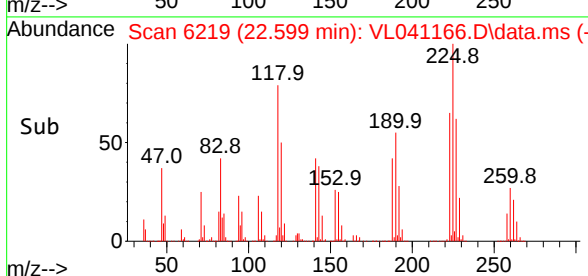
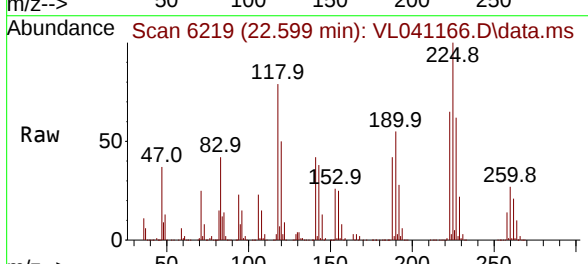
Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

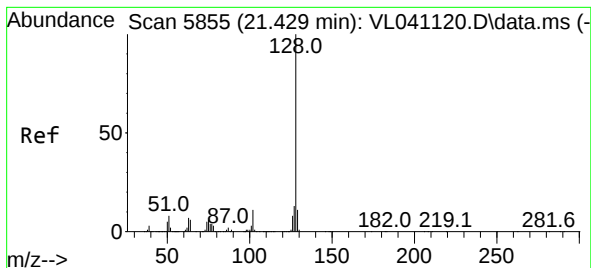


#78
 Hexachloro-1,3-Butadiene
 Concen: 10.527 ppbv
 RT: 22.599 min Scan# 6219
 Delta R.T. -0.003 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Tgt Ion:225 Resp: 1271207

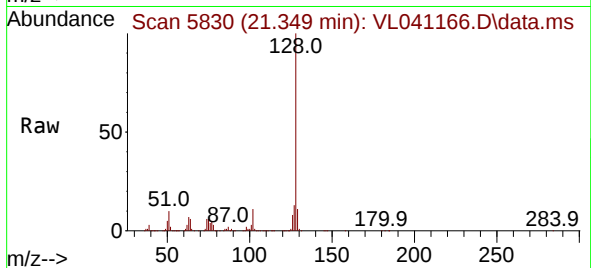
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.9	76.3
227	65.1	51.3	76.9





#79
Naphthalene
Concen: 15.101 ppbv
RT: 21.349 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00

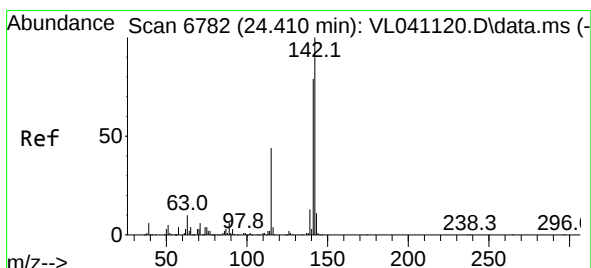
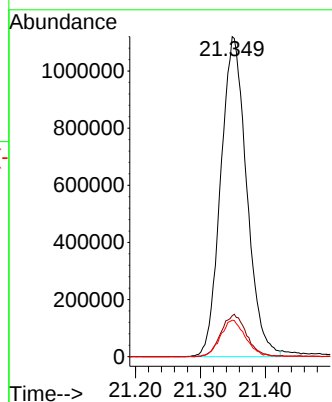
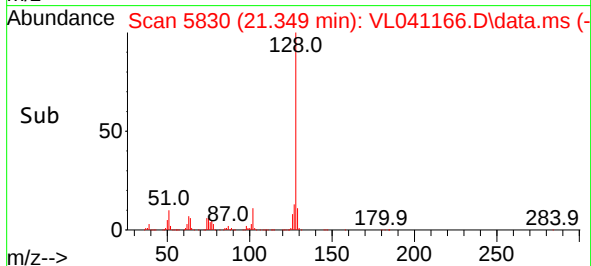
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABS01



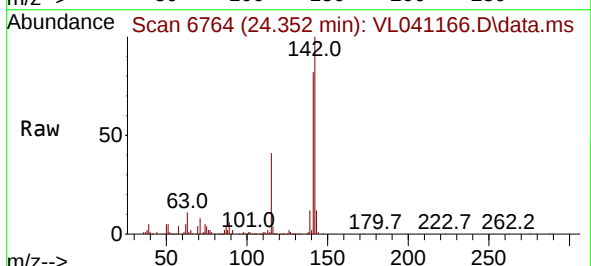
Tgt Ion:128 Resp: 310374
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.4 8.6 12.8

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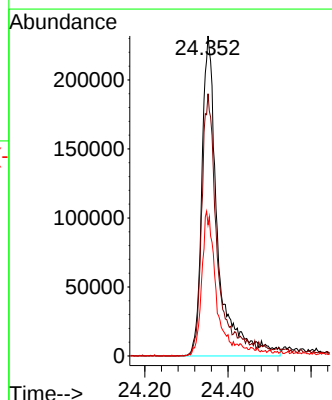
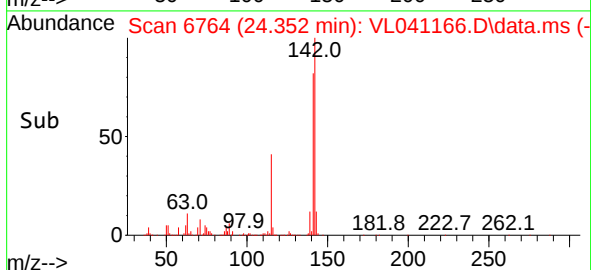
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

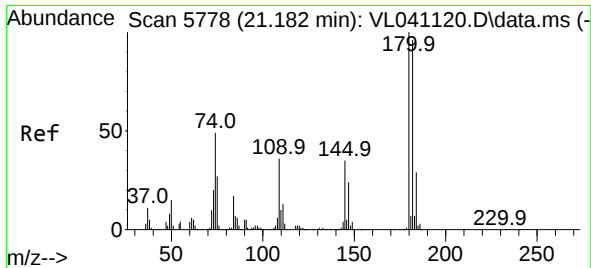


#80
Naphthalene,2-methyl-
Concen: 15.513 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.003 min
Lab File: VL041166.D
Acq: 25 Apr 2024 12:00



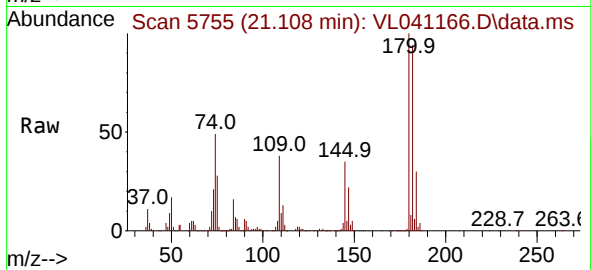
Tgt Ion:142 Resp: 621109
Ion Ratio Lower Upper
142 100
141 80.0 64.4 96.6
115 44.5 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.941 ppbv
 RT: 21.108 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041166.D
 Acq: 25 Apr 2024 12:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0425ABS01



Tgt Ion:180 Resp: 1491024
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.2
 184 30.7 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

