

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041129.D
 Acq On : 4 Apr 2024 17:28
 Operator : SY/MD
 Sample : VL0404ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 05:10:23 2024

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

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

QLast Update : Fri Apr 05 04:49:46 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1389122	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3549601	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	3460381	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 2837866 10.199 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2280305	9.597	ppbv	99
3) Chlorodifluoromethane	2.677	51	1990925	9.305	ppbv	99
4) Chloromethane	2.819	50	759097	9.375	ppbv	100
5) Vinyl Chloride	2.928	62	776761	9.931	ppbv	100
6) Bromomethane	3.124	94	250701	8.516	ppbv	92
7) Chloroethane	3.205	64	270309	9.417	ppbv	98
8) Dichlorotetrafluoroethane	2.864	85	1934480	9.544	ppbv	99
9) Propene	2.697	41	676733	9.943	ppbv	95
10) Heptane	7.607	43	1678165	10.385	ppbv	100
11) Trichlorofluoromethane	3.575	101	1991434	9.242	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.079	101	1439150	9.228	ppbv	98
13) Ethanol	3.250	45	120834m	7.464	ppbv	
14) Bromoethene	3.375	108	609701	9.926	ppbv	99
15) Acetone	3.478	43	1472945	9.793	ppbv	99
16) 1,3-Butadiene	2.989	39	731085	9.902	ppbv	99
17) tert-Butyl alcohol	3.893	59	1381887	10.144	ppbv	99
18) 1,1-Dichloroethene	3.893	96	652712	9.803	ppbv	99
19) Isopropyl Alcohol	3.584	45	915848	10.023	ppbv #	97
20) Methylene Chloride	3.947	84	544651	8.780	ppbv	97
21) Allyl Chloride	4.012	41	866614	9.456	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	678716	9.723	ppbv	98
23) Vinyl Acetate	4.645	43	1541344	10.031	ppbv	99
24) 1,1-Dichloroethane	4.581	63	1345921	9.627	ppbv	99
25) Ethyl Acetate	5.224	43	2762385	9.779	ppbv	99
26) Hexane	5.234	57	1187589	9.370	ppbv	98
27) Carbon Disulfide	4.140	76	1643278	10.581	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	909854	9.512	ppbv	98
29) Chloroform	5.298	83	2066504	9.672	ppbv	99
30) Cyclohexane	6.629	84	1015890	9.840	ppbv	99
31) cis-1,2-Dichloroethene	5.099	61	1199230	9.996	ppbv	98
32) 1,1,1-Trichloroethane	6.028	97	2049605	10.377	ppbv	100
34) 2-Butanone	4.803	43	1461000	9.727	ppbv	99
35) Carbon Tetrachloride	6.520	117	2132440	10.552	ppbv	97
36) Benzene	6.398	78	2589236	9.933	ppbv	99
37) 1,2-Dichloroethane	5.828	62	1581744	10.106	ppbv	100
38) Trichloroethene	7.320	130	1021929	10.851	ppbv	97
39) 1,2-Dichloropropane	7.098	63	1005961	9.787	ppbv	99
40) 1,4-Dioxane	7.317	88	375166m	10.474	ppbv	
41) Tetrahydrofuran	5.578	42	1039671	10.396	ppbv	99
42) Bromodichloromethane	7.275	83	2305059	10.309	ppbv	97
43) Methyl Methacrylate	7.500	69	1081398	10.891	ppbv	98
44) 2,2,4-Trimethylpentane	7.356	57	4339012	10.055	ppbv	99
45) t-1,3-Dichloropropene	8.742	75	586035	10.016	ppbv	96

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Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 05:10:23 2024

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

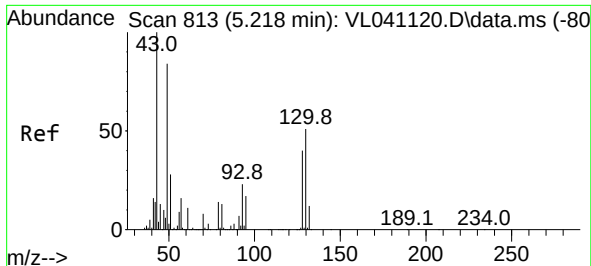
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 05 04:49:46 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	761994	10.065	ppbv	99
47) 1,1,2-Trichloroethane	8.928	97	1117012	10.055	ppbv	99
48) Dibromochloromethane	9.745	129	1940510	11.005	ppbv	99
49) Bromoform	12.442	173	1572289	11.255	ppbv	99
50) 4-Methyl-2-Pentanone	8.211	43	2809897	10.630	ppbv	100
51) 2-Hexanone	9.581	43	2024773	11.048	ppbv #	100
52) Tetrachloroethene	10.648	164	886962	10.665	ppbv	97
53) Toluene	9.253	91	3008080	10.960	ppbv	99
54) 1,2-Dibromoethane	10.041	107	1467635	10.594	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.542	131	1421979	9.999	ppbv	97
57) Chlorobenzene	11.561	112	2330208	9.837	ppbv	99
58) Ethyl Benzene	12.121	91	4081276	10.773	ppbv	99
59) m/p-Xylene	12.407	91	7113455m	20.791	ppbv	
60) o-Xylene	13.092	91	3394410	10.471	ppbv	100
61) Styrene	12.931	104	1681761	11.707	ppbv	99
62) Isopropylbenzene	14.063	105	4936423	10.228	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.082	83	2618183	10.279	ppbv	99
64) n-propylbenzene	14.950	120	1305387	10.778	ppbv	98
65) tert-Butylbenzene	16.124	119	4432990	10.521	ppbv	100
66) Benzyl Chloride	16.359	91	209229m	7.547	ppbv	
67) sec-Butylbenzene	16.670	105	6358133	10.445	ppbv	100
69) p-Isopropyltoluene	17.027	119	5147162	10.843	ppbv	100
70) n-Butylbenzene	17.918	91	5688495	11.031	ppbv	100
71) 2-Chlorotoluene	14.835	91	3885784	10.497	ppbv	99
72) 4-Ethyltoluene	15.227	105	4001744	11.052	ppbv	99
73) 1,3,5-Trimethylbenzene	15.384	105	3471686	10.871	ppbv	99
74) 1,2,4-Trimethylbenzene	16.143	105	3851163	10.538	ppbv	97
75) 1,3-Dichlorobenzene	16.365	146	2253301	10.560	ppbv	100
76) 1,4-Dichlorobenzene	16.506	146	2189410	10.548	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	2200226	10.619	ppbv	99
78) Hexachloro-1,3-Butadiene	22.667	225	1406137m	10.207	ppbv	
79) Naphthalene	21.423	128	3349641	14.286	ppbv	99
80) Naphthalene,2-methyl-	24.406	142	657877	14.404	ppbv	97
81) 1,2,4-Trichlorobenzene	21.175	180	1614698	12.285	ppbv	100

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



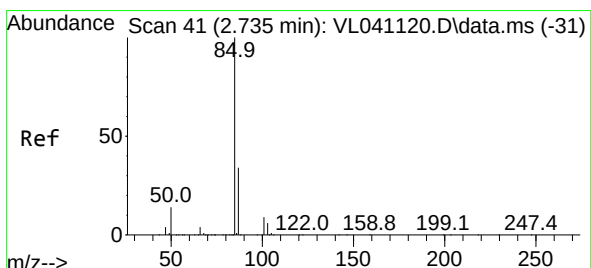
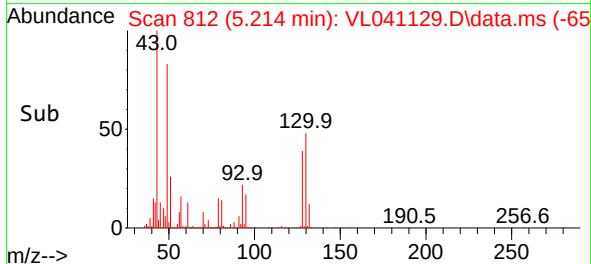
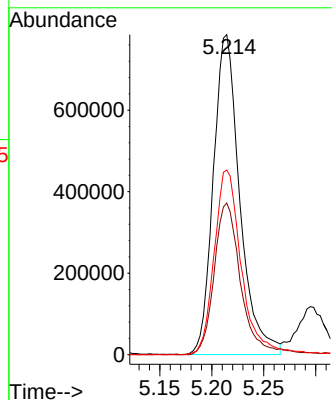
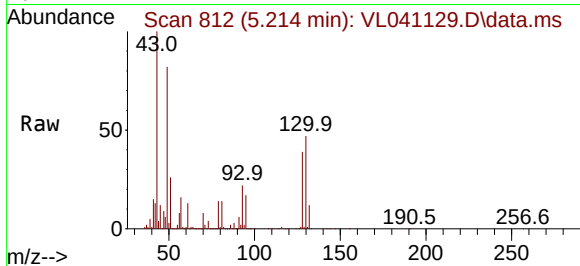
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 49 Resp: 138912
Ion Ratio Lower Upper
49 100
128 48.6 23.6 71.0
130 60.1 30.1 90.5

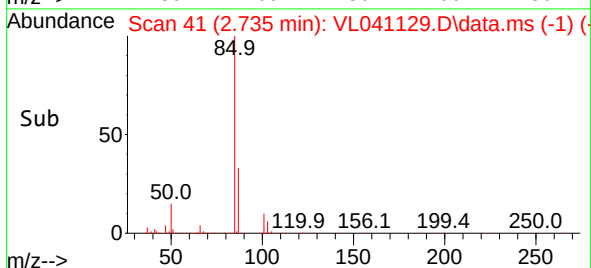
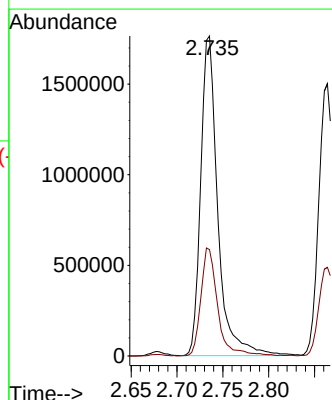
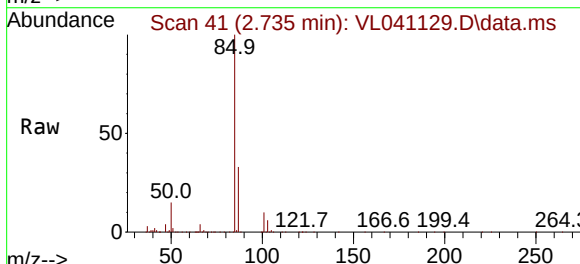
Manual Integrations
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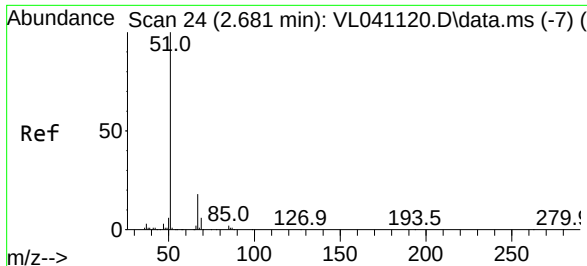
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#2
Dichlorodifluoromethane
Concen: 9.597 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

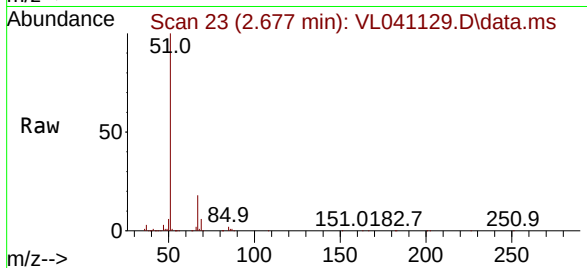
Tgt Ion: 85 Resp: 2280305
Ion Ratio Lower Upper
85 100
87 33.2 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.305 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

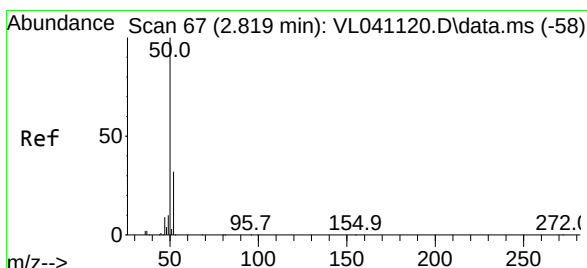
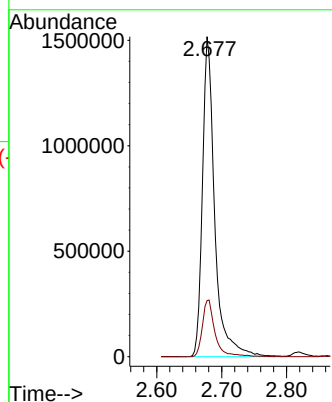
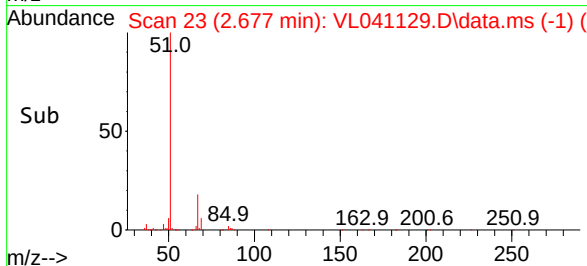
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



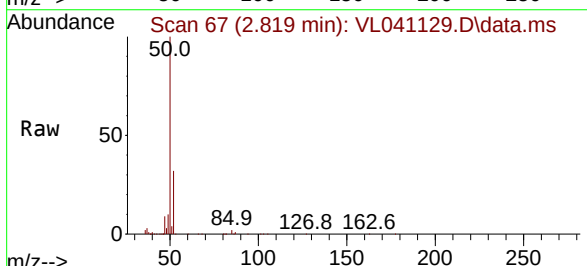
Tgt Ion: 51 Resp: 1990925
Ion Ratio Lower Upper
51 100
67 18.4 14.9 22.3

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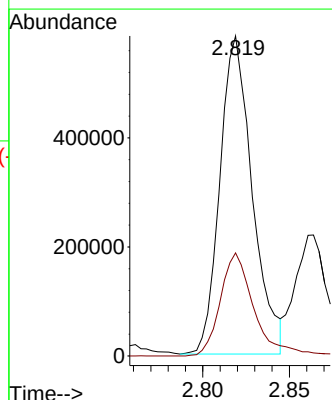
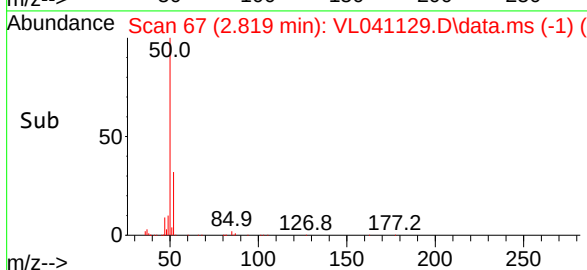
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

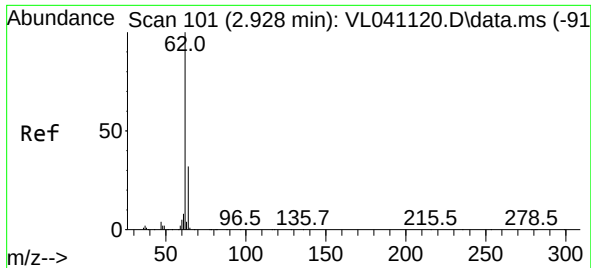


#4
Chloromethane
Concen: 9.375 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.000 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



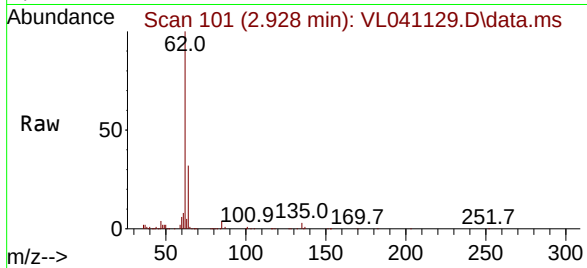
Tgt Ion: 50 Resp: 759097
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0





#5
 Vinyl Chloride
 Concen: 9.931 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

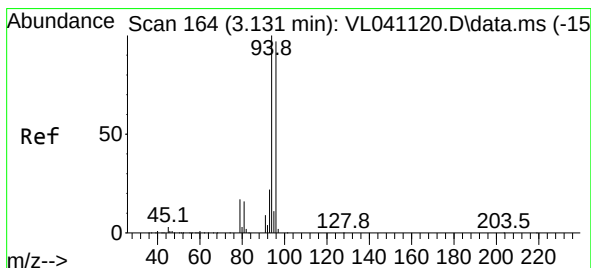
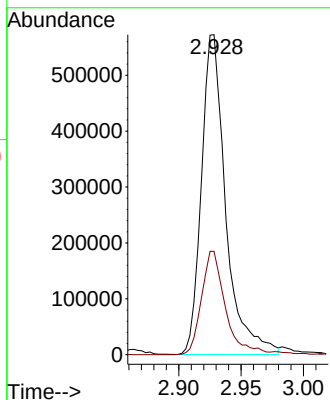
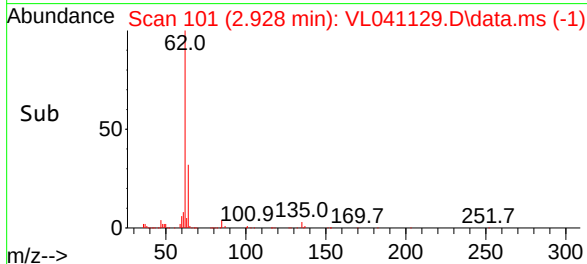
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



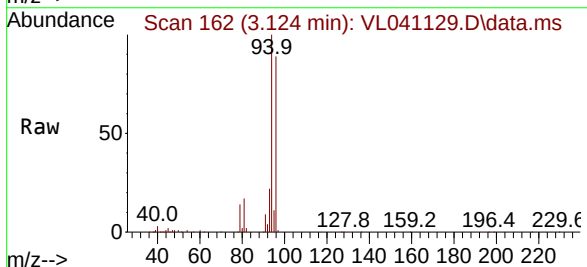
Tgt Ion: 62 Resp: 776763
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.6 38.4

Manual Integrations
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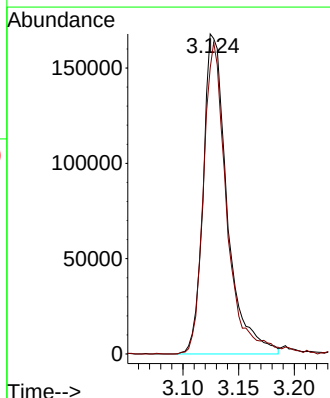
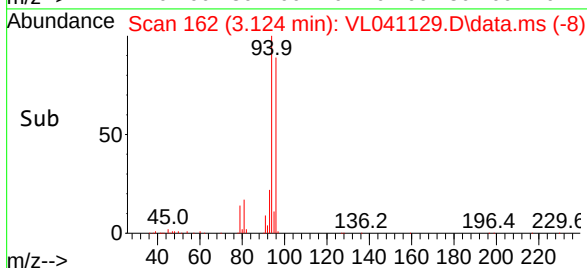
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

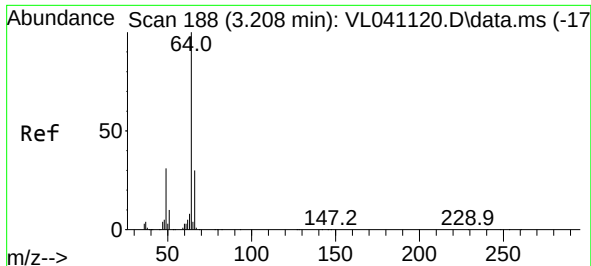


#6
 Bromomethane
 Concen: 8.516 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.006 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28



Tgt Ion: 94 Resp: 250701
 Ion Ratio Lower Upper
 94 100
 96 89.3 77.9 116.9





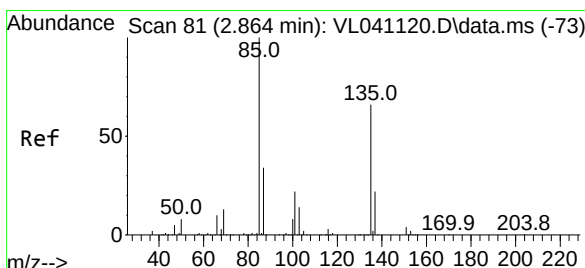
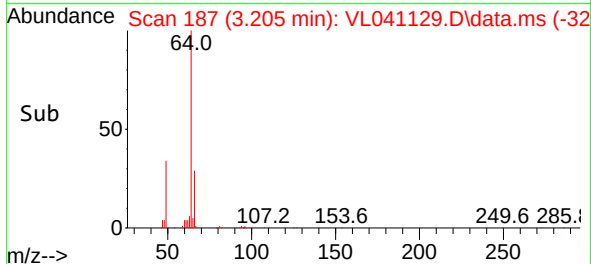
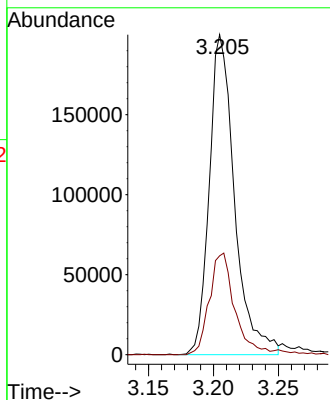
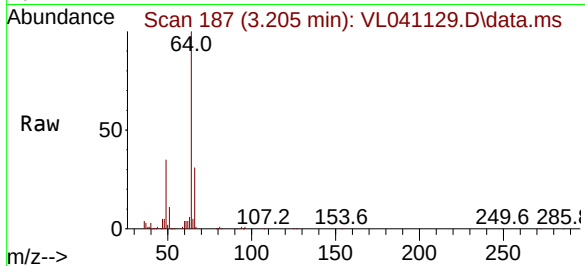
#7
Chloroethane
Concen: 9.417 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 64 Resp: 270309
Ion Ratio Lower Upper
64 100
66 31.5 24.2 36.4

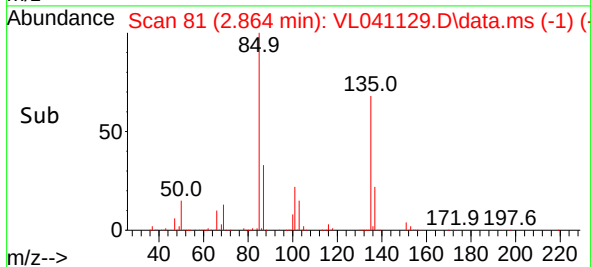
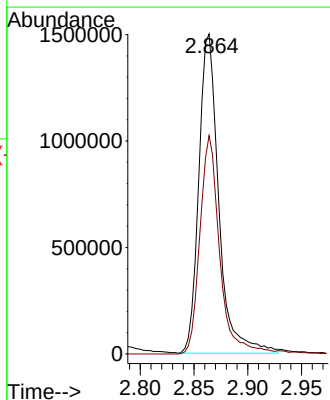
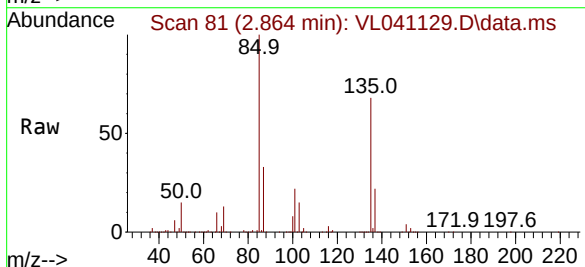
Manual Integrations
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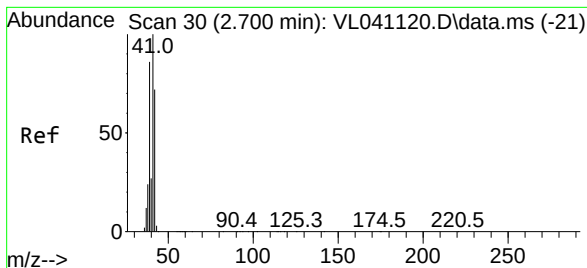
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 9.544 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion: 85 Resp: 1934480
Ion Ratio Lower Upper
85 100
135 68.7 54.2 81.2





#9

Propene

Concen: 9.943 ppbv

RT: 2.697 min Scan# 29

Delta R.T. -0.003 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 41 Resp: 67673

Ion Ratio Lower Upper

41 100

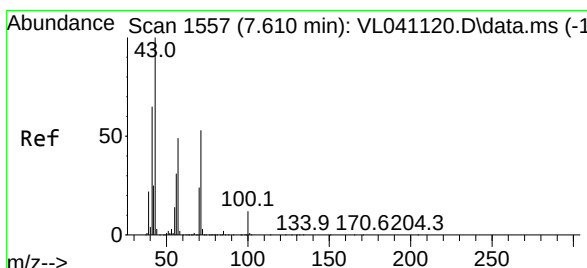
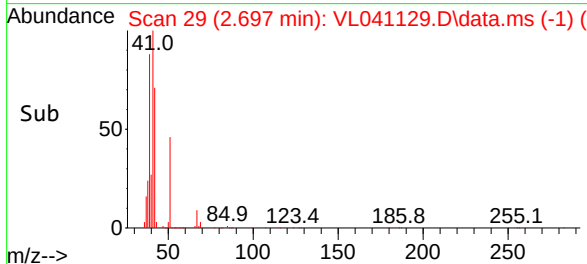
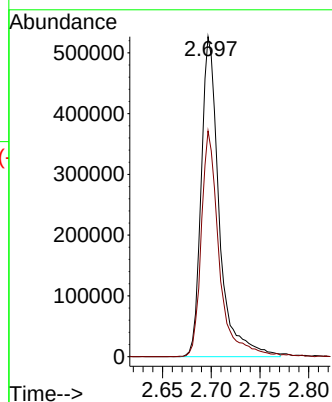
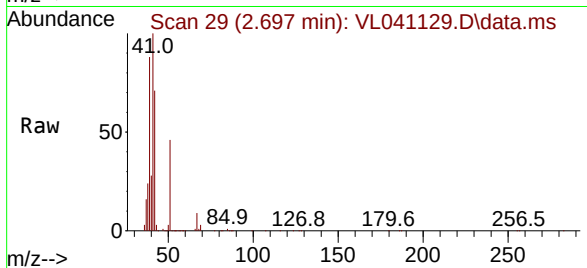
42 70.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#10

Heptane

Concen: 10.385 ppbv

RT: 7.607 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VL041129.D

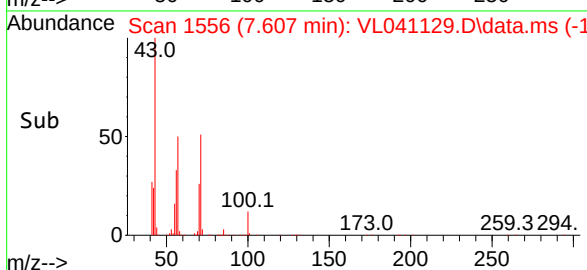
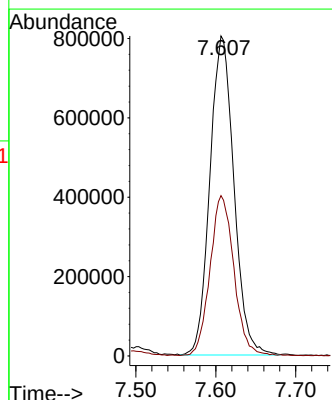
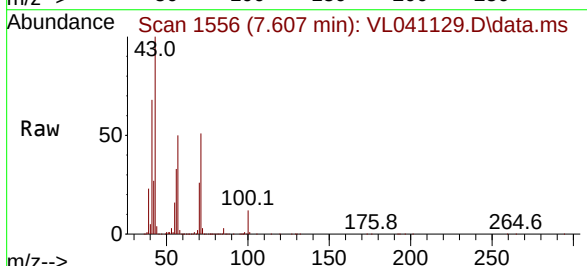
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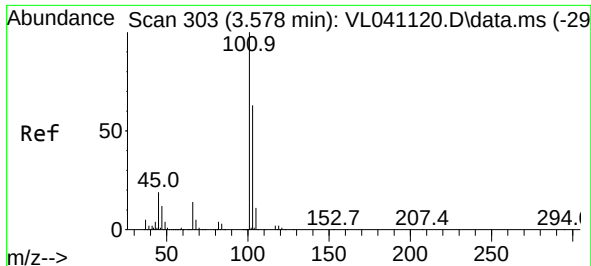
Tgt Ion: 43 Resp: 1678165

Ion Ratio Lower Upper

43 100

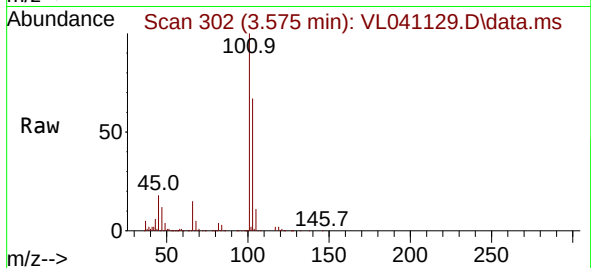
57 50.2 39.9 59.9





#11
Trichlorofluoromethane
Concen: 9.242 ppbv
RT: 3.575 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

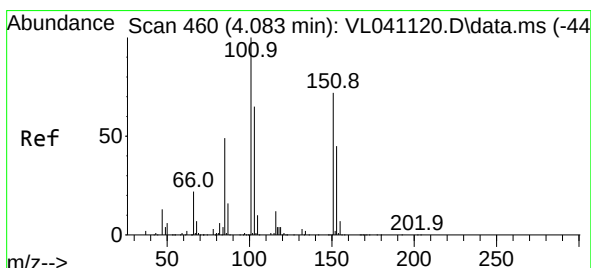
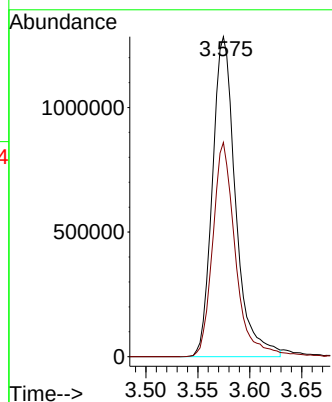
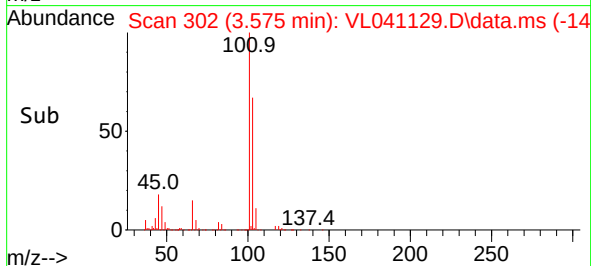
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion:101 Resp: 1991434
Ion Ratio Lower Upper
101 100
103 67.0 50.6 75.8

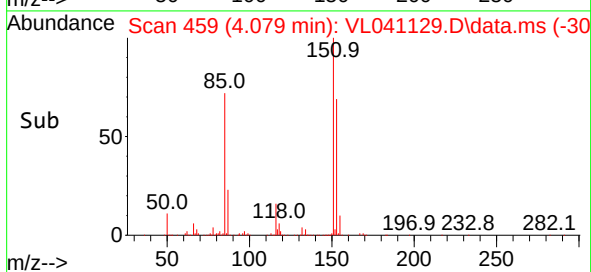
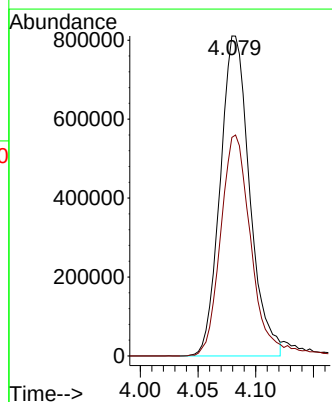
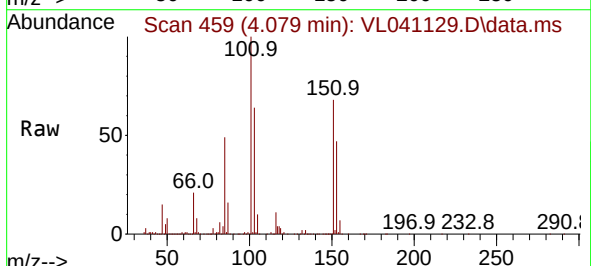
Manual Integrations
APPROVED

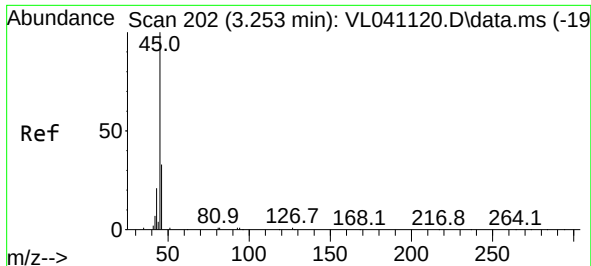
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.228 ppbv
RT: 4.079 min Scan# 459
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

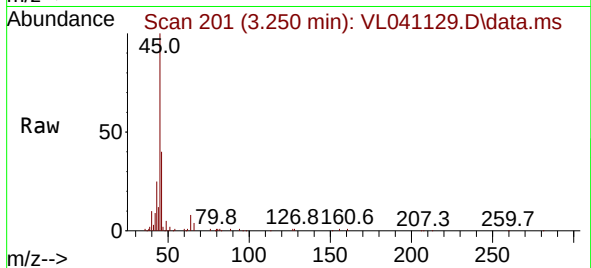
Tgt Ion:101 Resp: 1439150
Ion Ratio Lower Upper
101 100
151 72.2 56.2 84.4





#13
Ethanol
Concen: 7.464 ppbv m
RT: 3.250 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

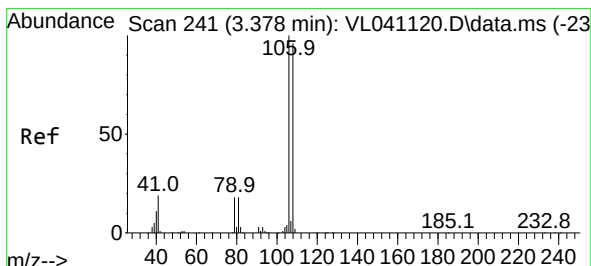
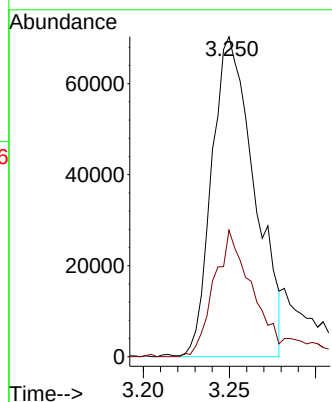
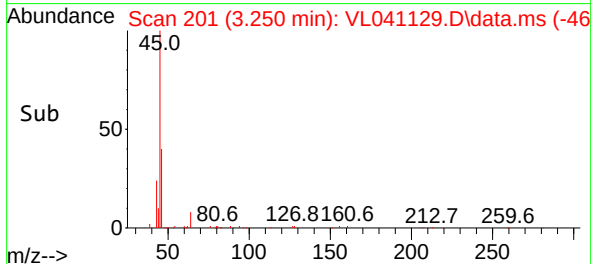
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 45 Resp: 120834
Ion Ratio Lower Upper
45 100
46 42.6 15.0 59.8

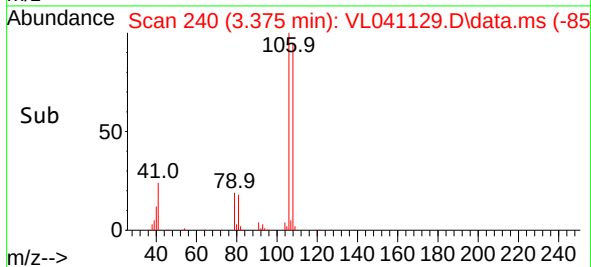
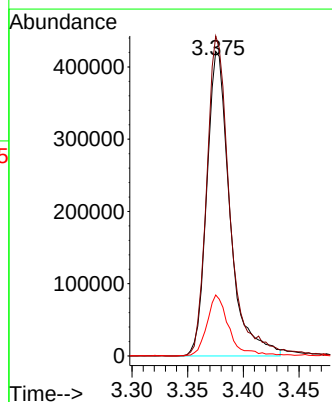
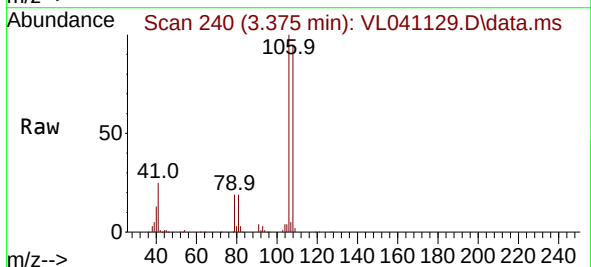
Manual Integrations
APPROVED

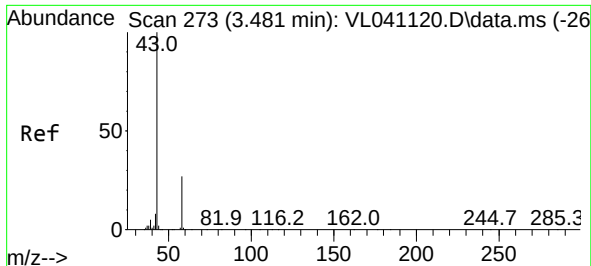
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#14
Bromoethene
Concen: 9.926 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

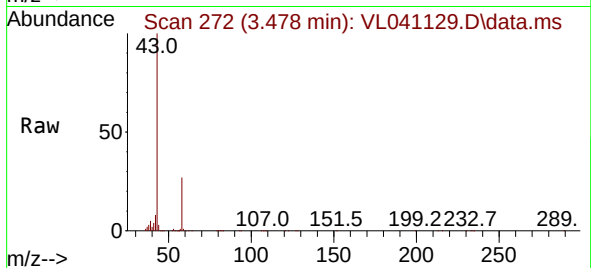
Tgt Ion:108 Resp: 609701
Ion Ratio Lower Upper
108 100
106 106.7 86.0 129.0
79 19.6 15.4 23.2





#15
Acetone
Concen: 9.793 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

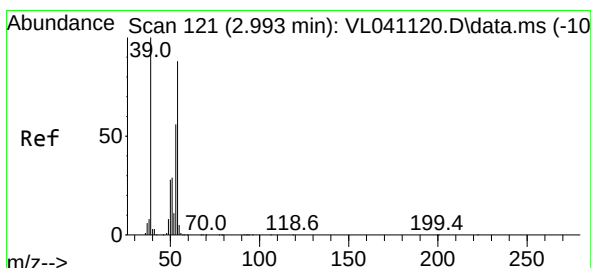
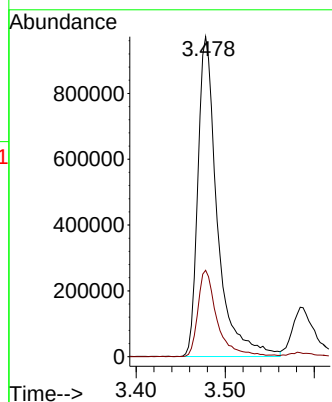
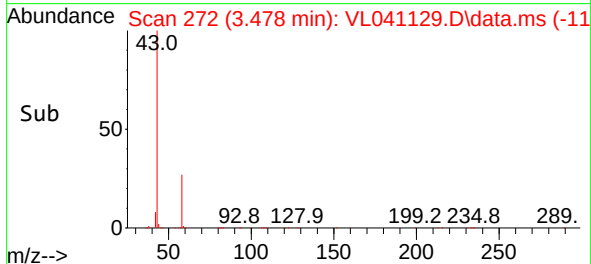
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 43 Resp: 147294
Ion Ratio Lower Upper
43 100
58 27.0 21.1 31.7

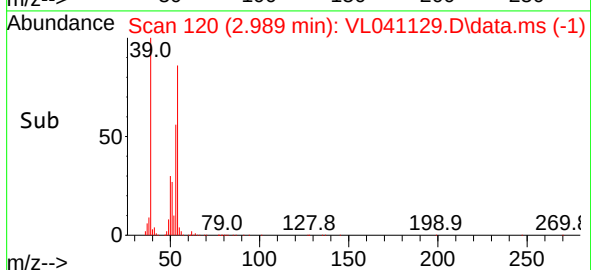
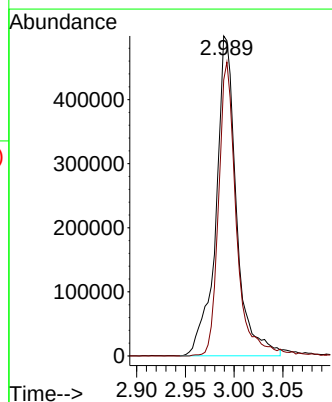
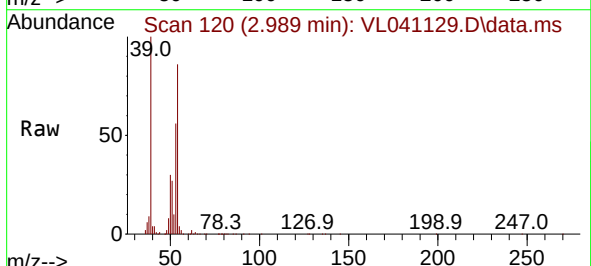
Manual Integrations
APPROVED

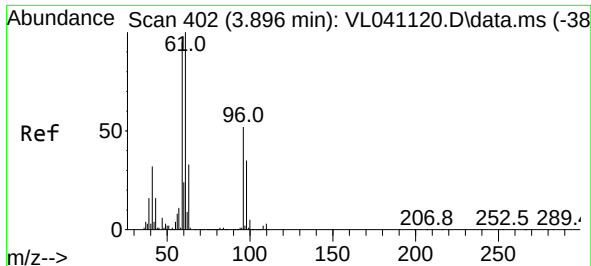
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#16
1,3-Butadiene
Concen: 9.902 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

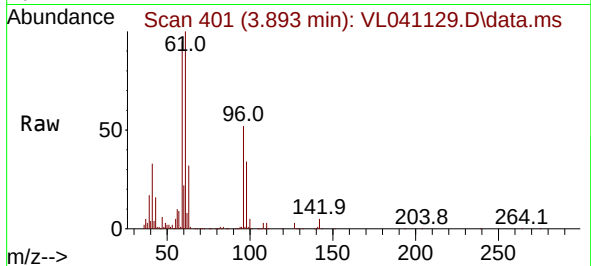
Tgt Ion: 39 Resp: 731085
Ion Ratio Lower Upper
39 100
54 80.4 63.5 95.3





#17
tert-Butyl alcohol
Concen: 10.144 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

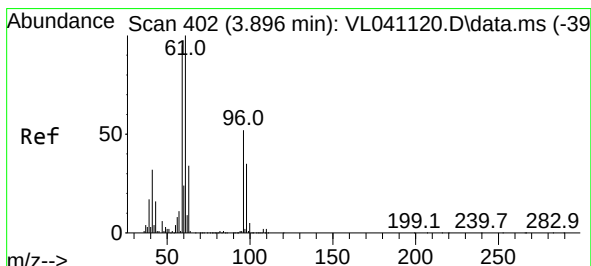
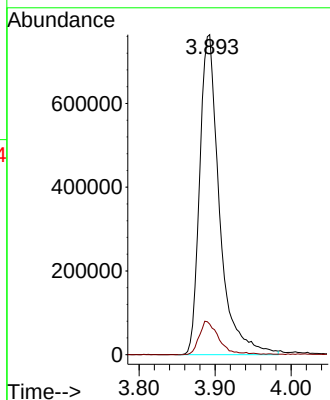
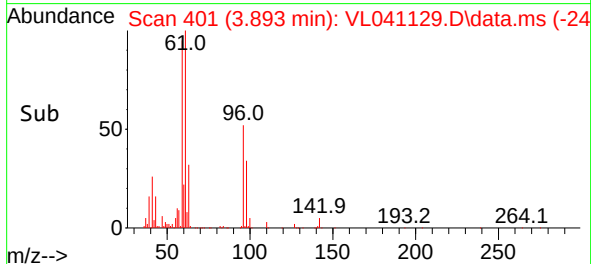
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 59 Resp: 138188
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

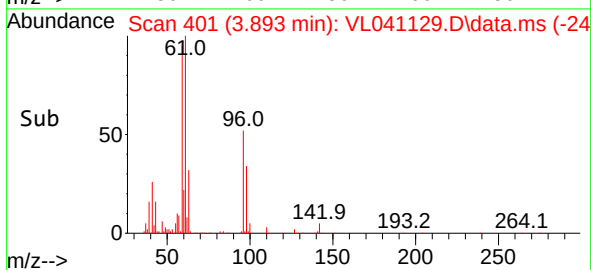
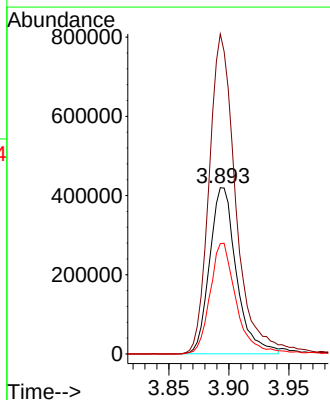
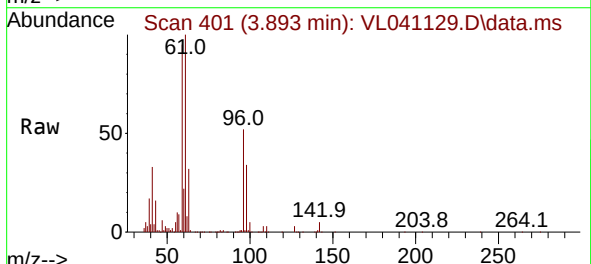
Manual Integrations
APPROVED

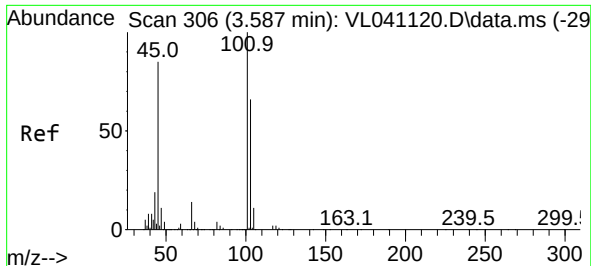
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#18
1,1-Dichloroethene
Concen: 9.803 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

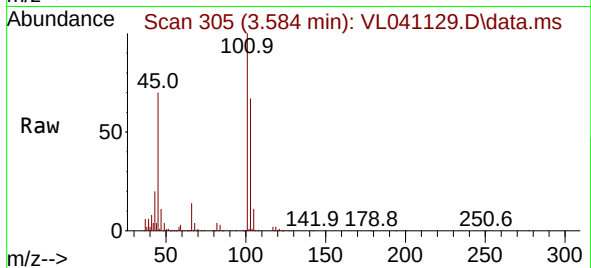
Tgt Ion: 96 Resp: 652712
Ion Ratio Lower Upper
96 100
61 192.6 152.6 228.8
98 66.4 54.0 81.0





#19
Isopropyl Alcohol
Concen: 10.023 ppbv
RT: 3.584 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

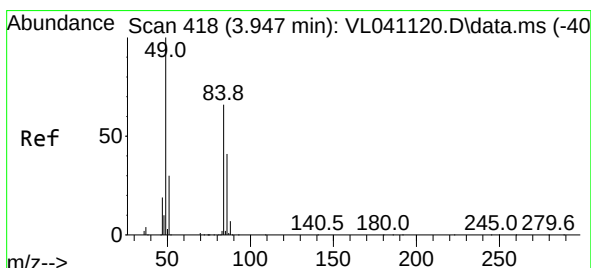
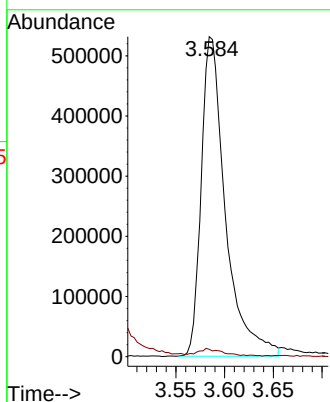
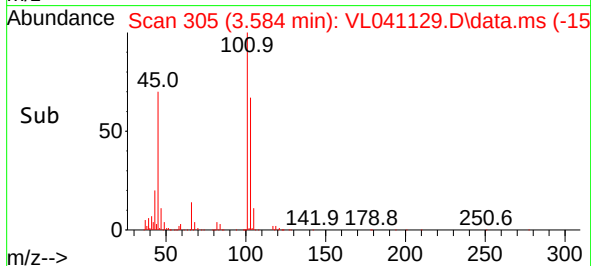
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 45 Resp: 91584
Ion Ratio Lower Upper
45 100
58 2.4 2.8 4.2

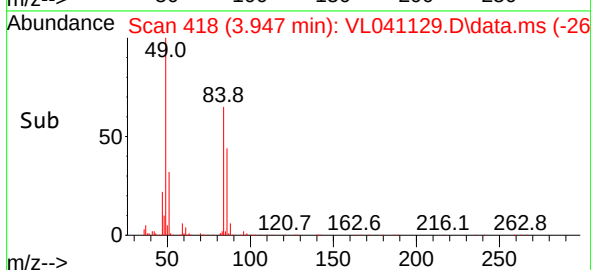
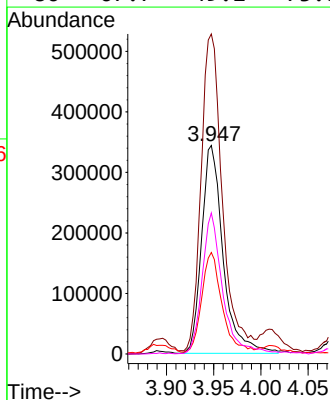
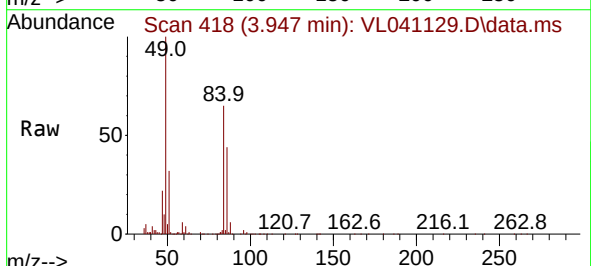
Manual Integrations
APPROVED

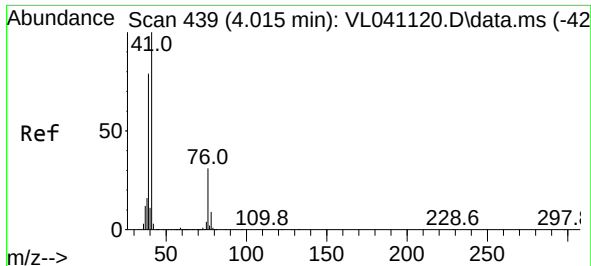
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#20
Methylene Chloride
Concen: 8.780 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

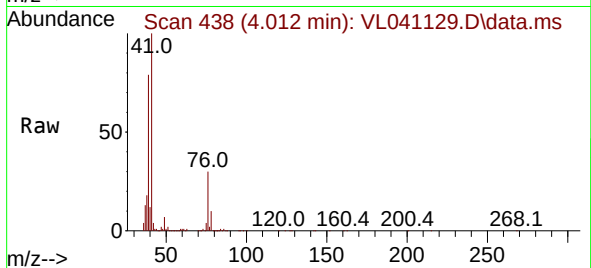
Tgt Ion: 84 Resp: 544651
Ion Ratio Lower Upper
84 100
49 152.4 120.7 181.1
51 47.2 36.6 54.8
86 67.7 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.456 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

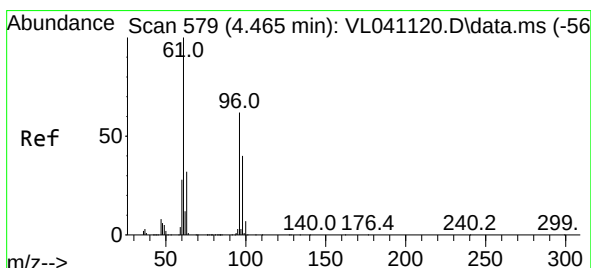
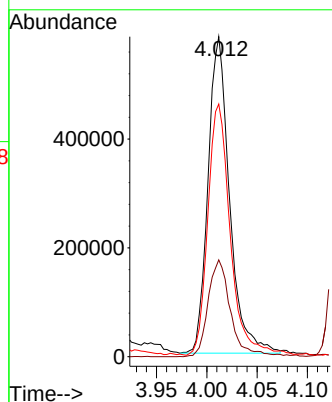
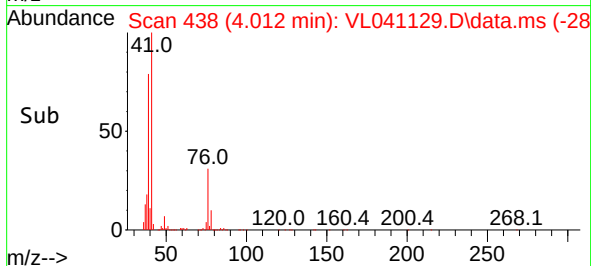
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



Tgt Ion: 41 Resp: 866614
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.7 38.5
 39 83.5 65.7 98.5

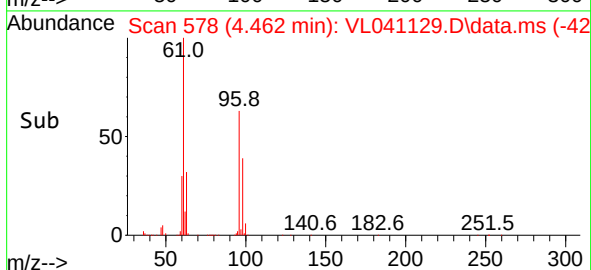
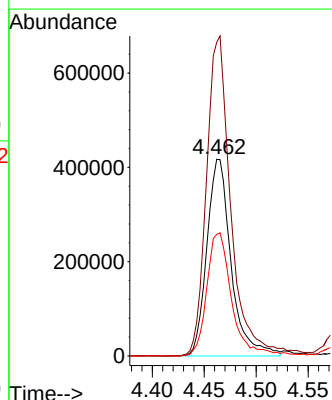
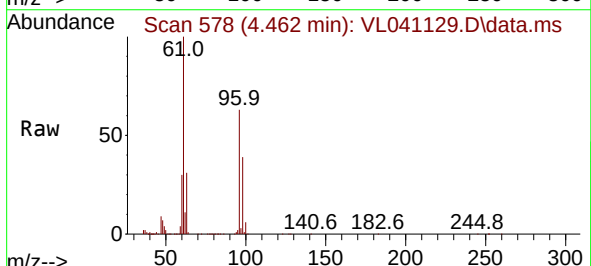
Manual Integrations
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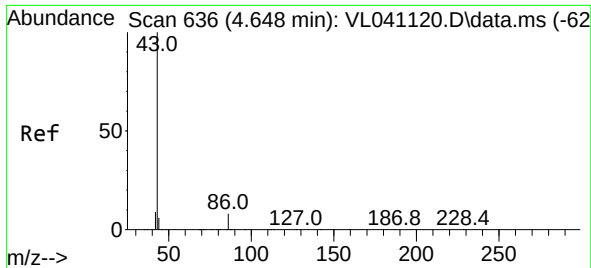
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.723 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. -0.003 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

Tgt Ion: 96 Resp: 678716
 Ion Ratio Lower Upper
 96 100
 61 159.4 128.4 192.6
 98 61.8 51.5 77.3





#23
 Vinyl Acetate
 Concen: 10.031 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

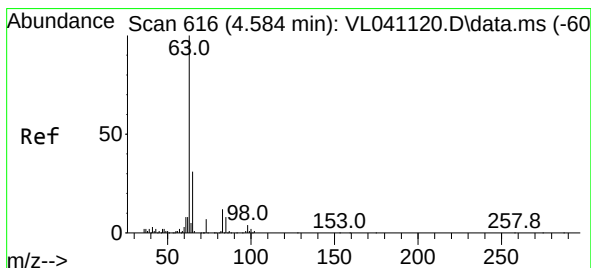
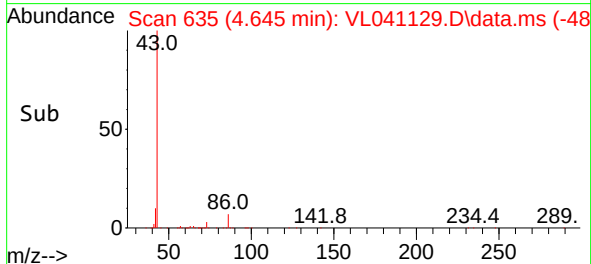
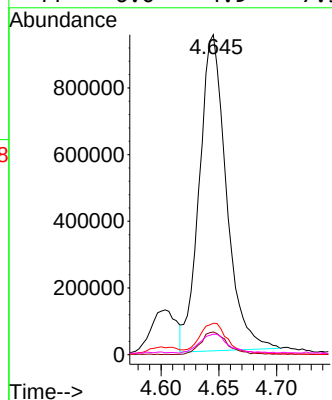
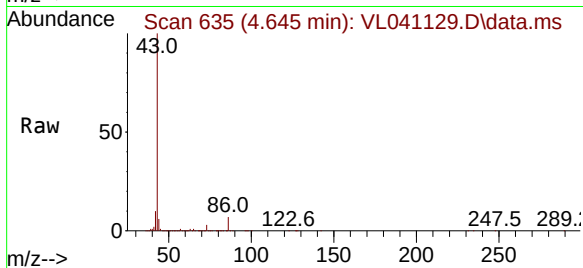
VL0404ABS01

Tgt Ion: 43 Resp: 1541344
 Ion Ratio Lower Upper
 43 100
 86 7.2 6.2 9.4
 42 9.7 7.7 11.5
 44 6.0 4.9 7.3

Manual Integrations

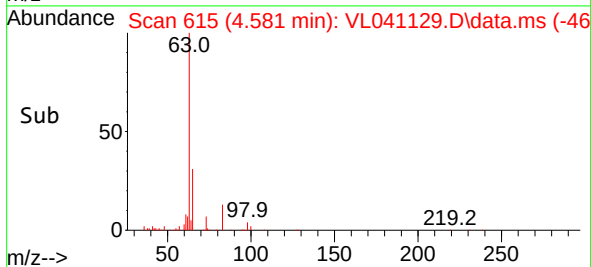
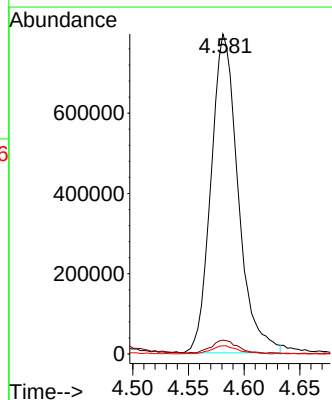
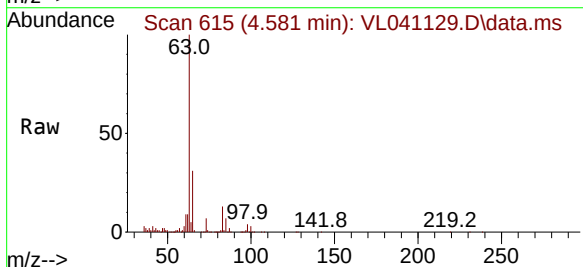
APPROVED

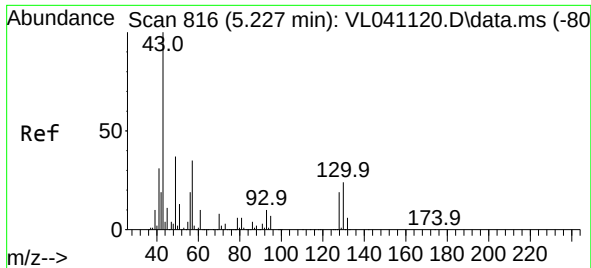
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#24
 1,1-Dichloroethane
 Concen: 9.627 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

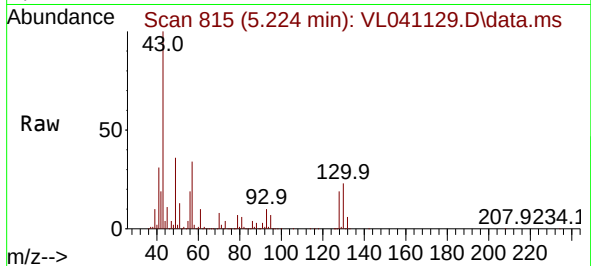
Tgt Ion: 63 Resp: 1345921
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.3
 100 2.7 1.1 3.3





#25
Ethyl Acetate
Concen: 9.779 ppbv
RT: 5.224 min Scan# 816
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

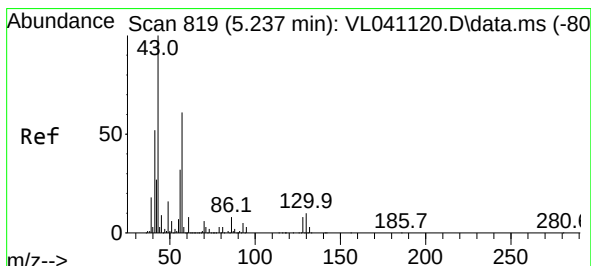
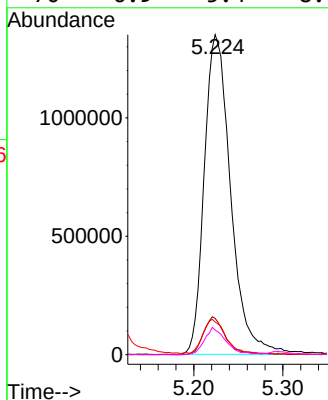
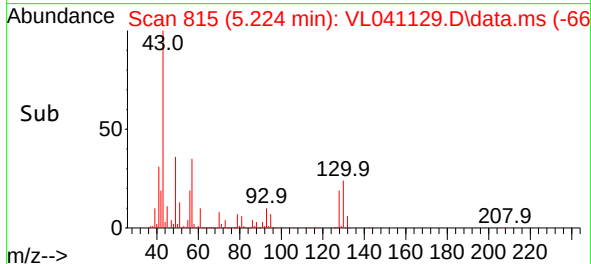
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



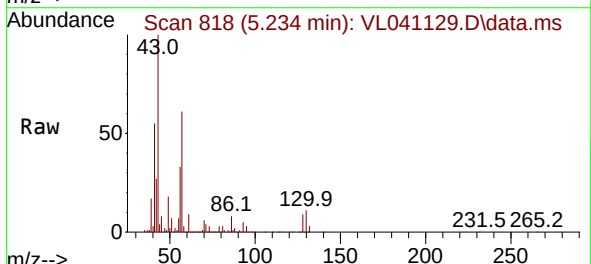
Tgt Ion: 43 Resp: 2762385
Ion Ratio Lower Upper
43 100
45 10.3 8.0 12.0
61 10.6 7.8 11.6
70 6.9 5.4 8.0

Manual Integrations
APPROVED

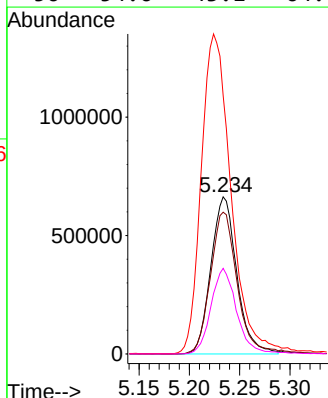
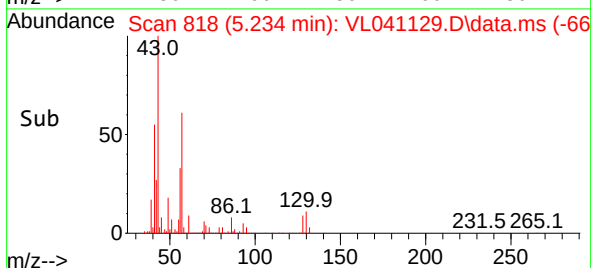
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

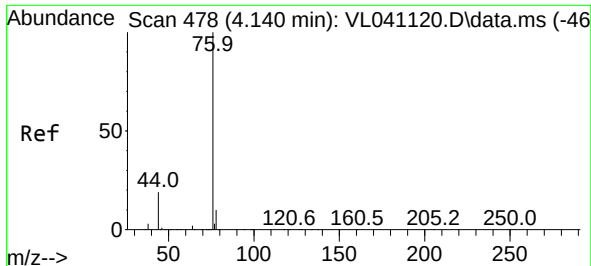


#26
Hexane
Concen: 9.370 ppbv
RT: 5.234 min Scan# 818
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



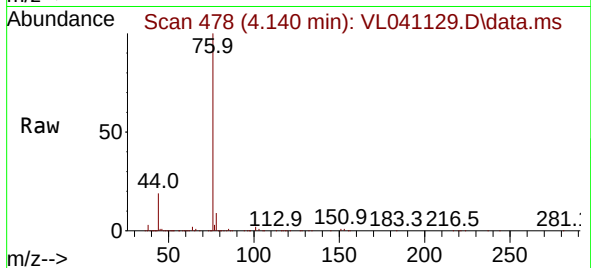
Tgt Ion: 57 Resp: 1187589
Ion Ratio Lower Upper
57 100
41 94.6 73.8 110.8
43 236.6 186.2 279.2
56 54.6 43.1 64.7





#27
Carbon Disulfide
Concen: 10.581 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

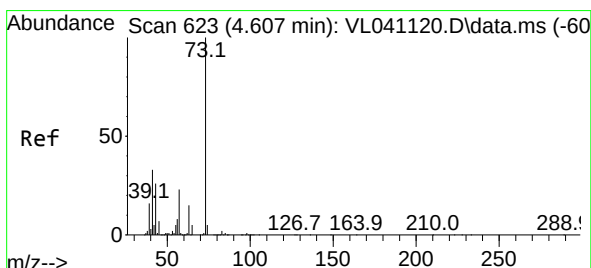
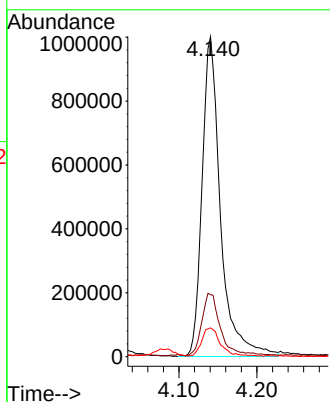
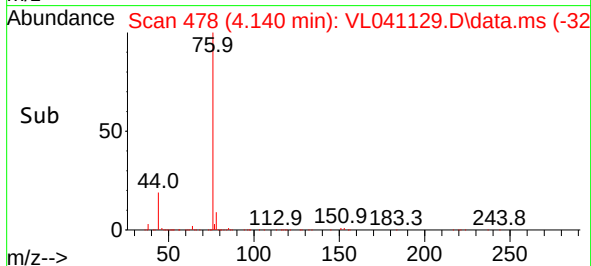
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



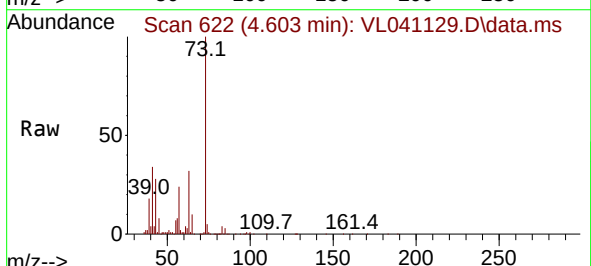
Tgt Ion: 76 Resp: 1643278
Ion Ratio Lower Upper
76 100
44 19.7 16.3 24.5
78 9.3 7.9 11.9

Manual Integrations
APPROVED

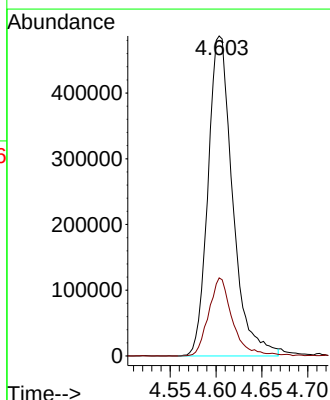
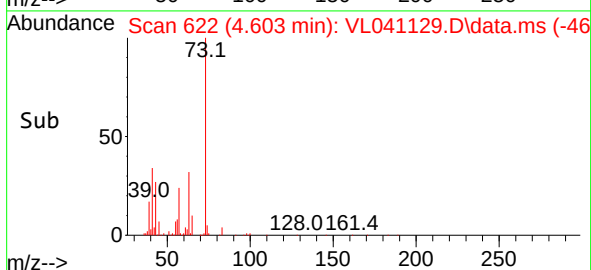
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

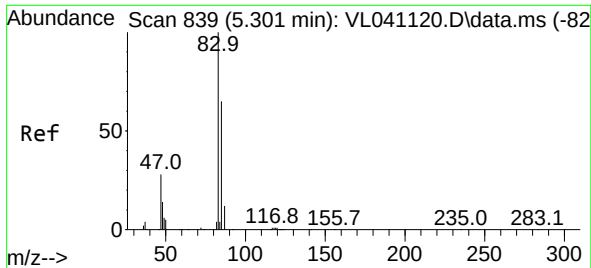


#28
Methyl tert-Butyl Ether
Concen: 9.512 ppbv
RT: 4.603 min Scan# 622
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



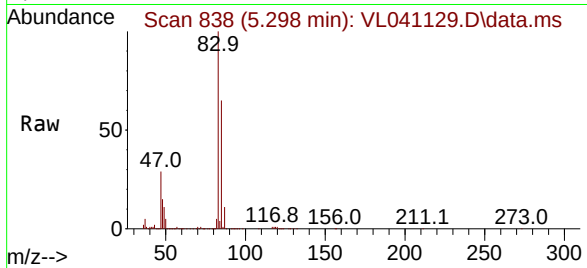
Tgt Ion: 73 Resp: 909854
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8





#29
Chloroform
Concen: 9.672 ppbv
RT: 5.298 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

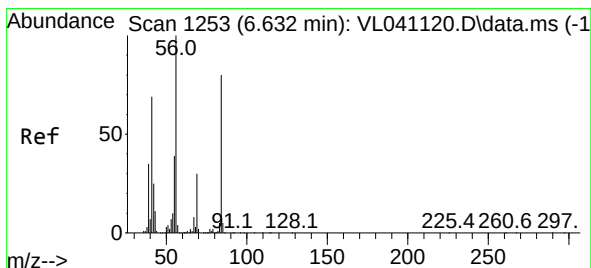
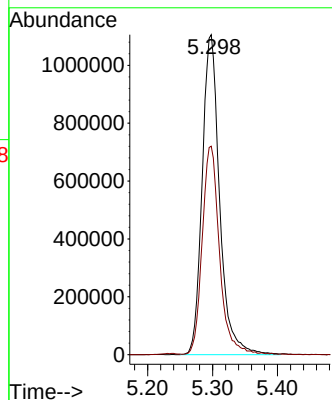
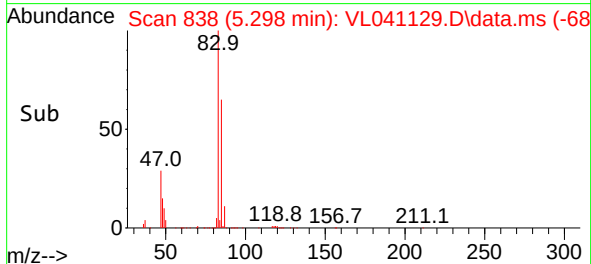
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



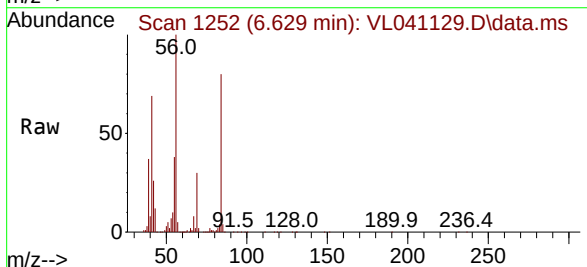
Tgt Ion: 83 Resp: 2066504
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3

Manual Integrations
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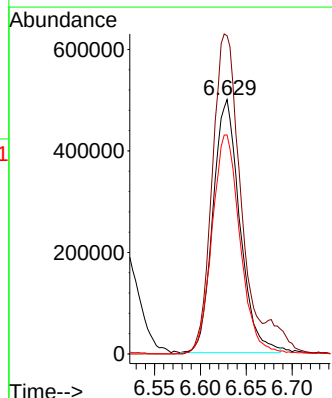
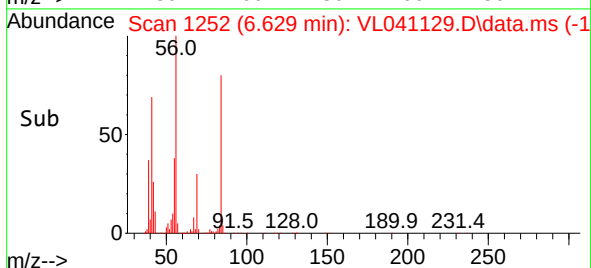
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

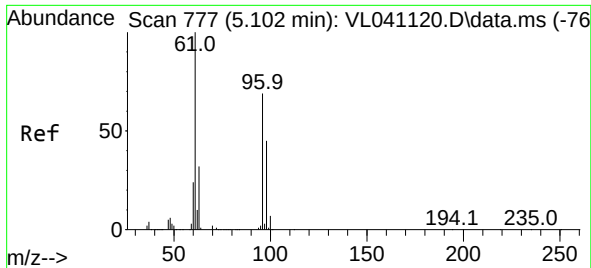


#30
Cyclohexane
Concen: 9.840 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



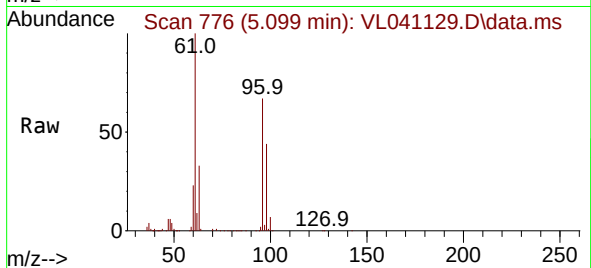
Tgt Ion: 84 Resp: 1015890
Ion Ratio Lower Upper
84 100
56 140.9 111.9 167.9
41 90.7 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 9.996 ppbv
RT: 5.099 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

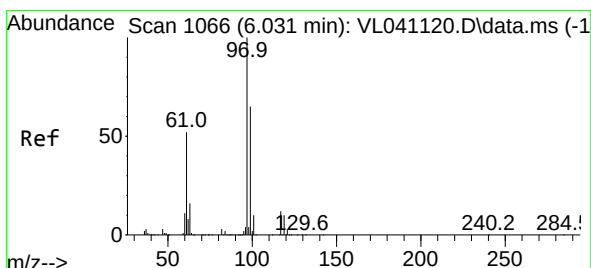
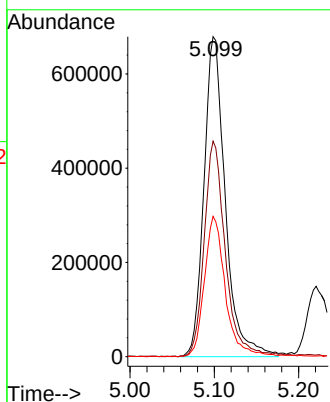
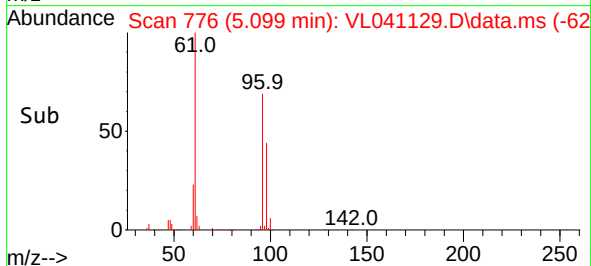
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



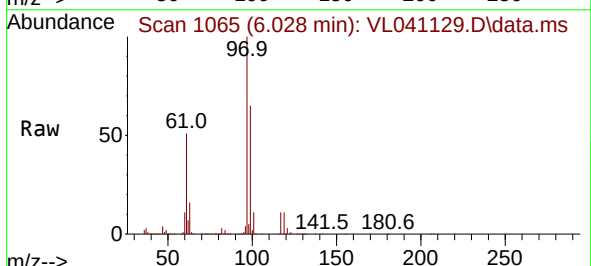
Tgt Ion: 61 Resp: 1199230
Ion Ratio Lower Upper
61 100
96 67.3 54.9 82.3
98 43.8 35.9 53.9

Manual Integrations
APPROVED

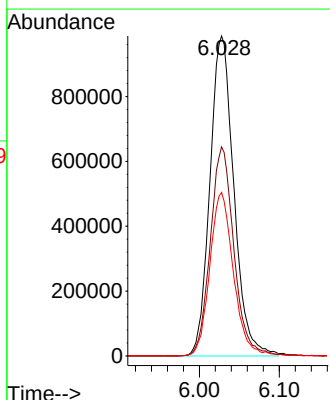
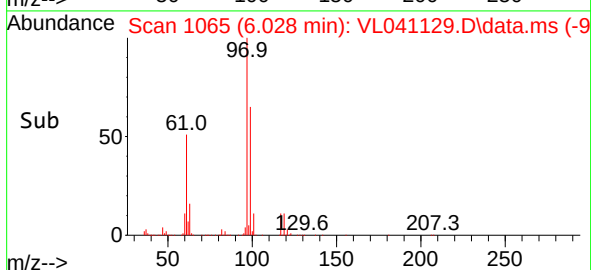
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

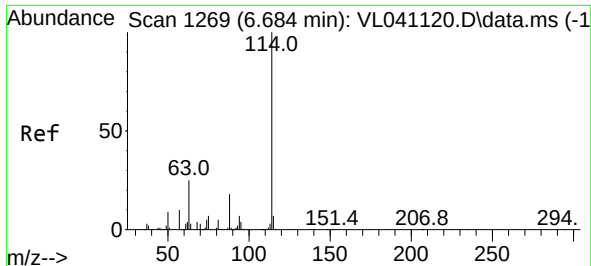


#32
1,1,1-Trichloroethane
Concen: 10.377 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



Tgt Ion: 97 Resp: 2049605
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 50.4 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041129.D

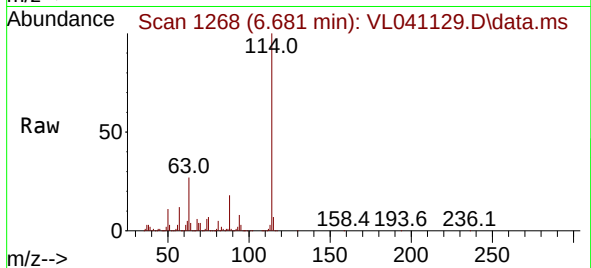
Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion:114 Resp: 354960

Ion Ratio Lower Upper

114 100

63 26.6 20.9 31.3

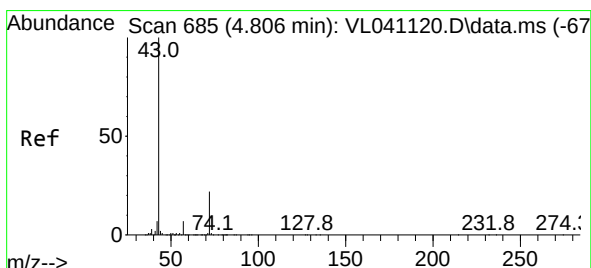
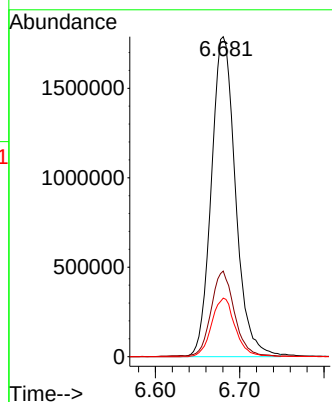
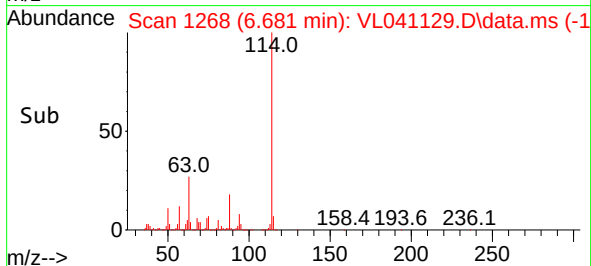
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#34

2-Butanone

Concen: 9.727 ppbv

RT: 4.803 min Scan# 684

Delta R.T. -0.003 min

Lab File: VL041129.D

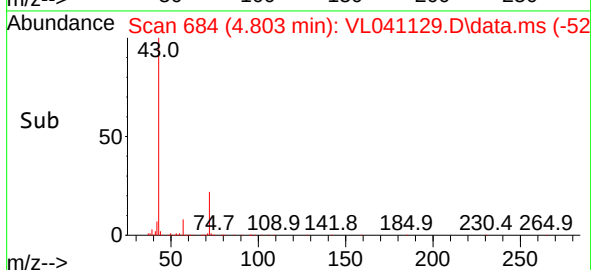
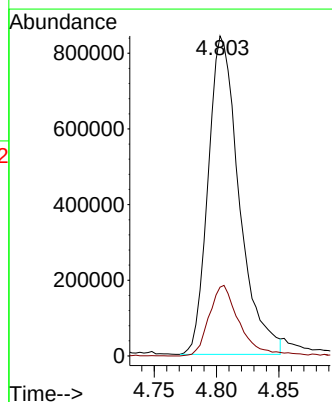
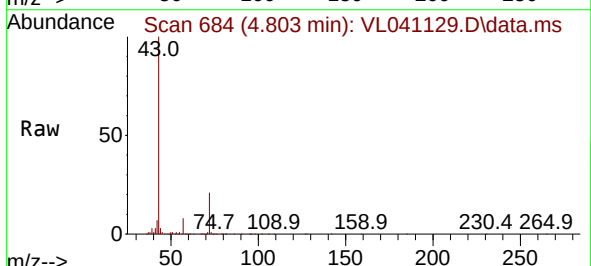
Acq: 4 Apr 2024 17:28

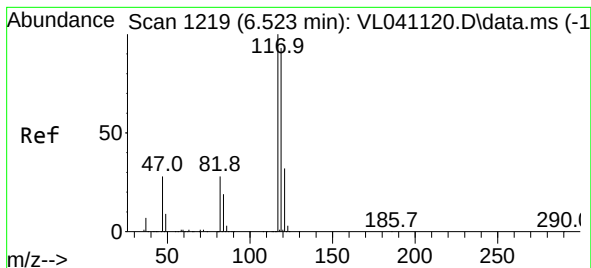
Tgt Ion: 43 Resp: 1461000

Ion Ratio Lower Upper

43 100

72 22.5 17.6 26.4





#35

Carbon Tetrachloride

Concen: 10.552 ppbv

RT: 6.520 min Scan# 117

Delta R.T. -0.003 min

Lab File: VL041129.D

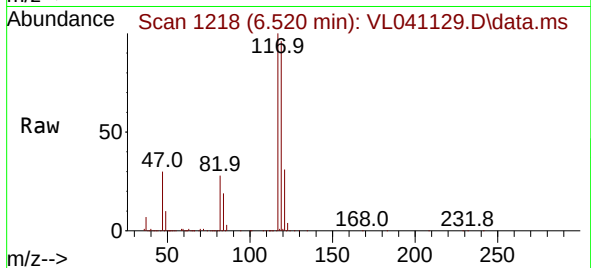
Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion: 117 Resp: 213244

Ion Ratio Lower Upper

117 100

119 95.8 74.2 111.4

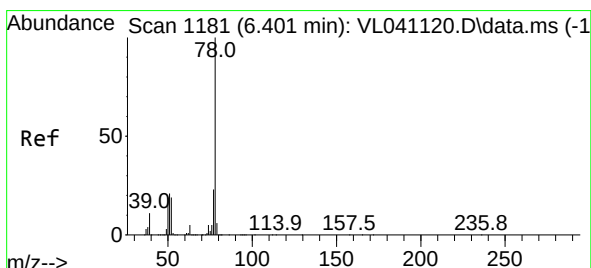
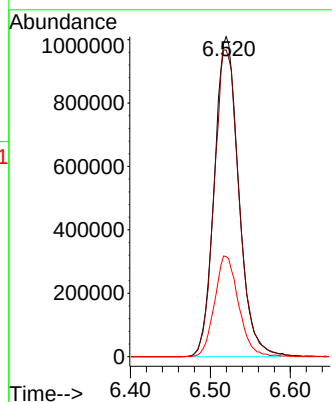
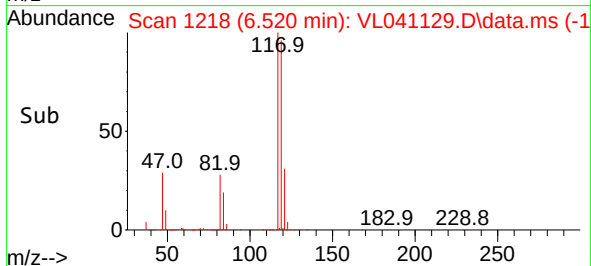
121 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#36

Benzene

Concen: 9.933 ppbv

RT: 6.398 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

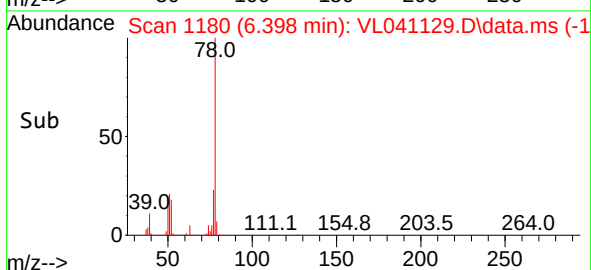
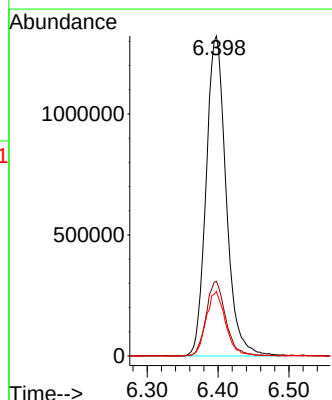
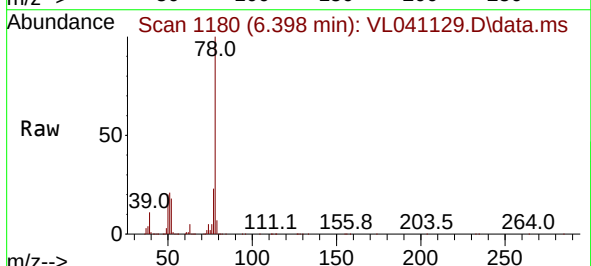
Tgt Ion: 78 Resp: 2589236

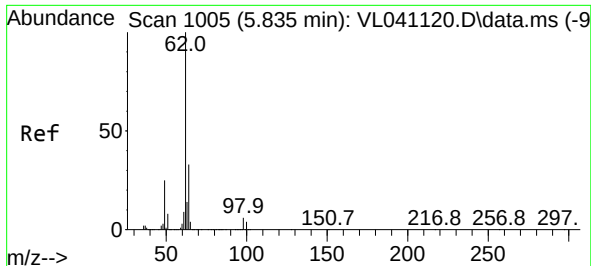
Ion Ratio Lower Upper

78 100

77 23.3 18.2 27.4

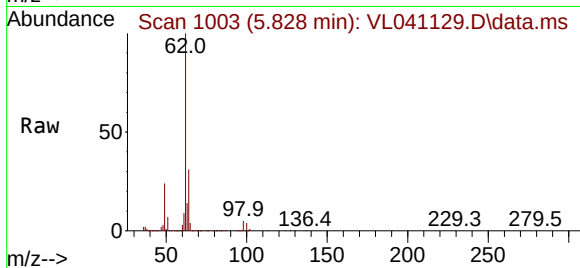
50 20.1 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.106 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

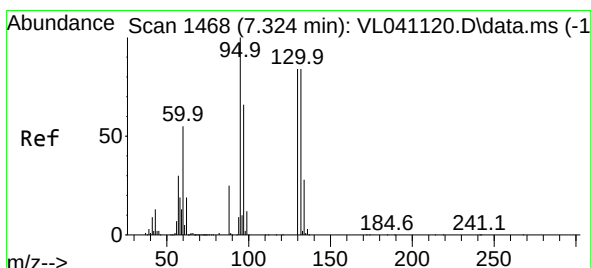
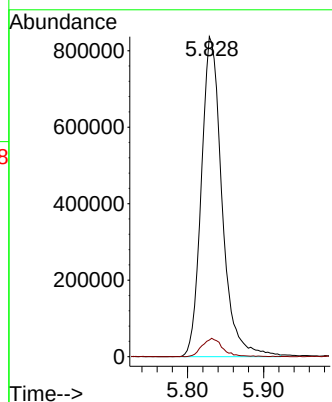
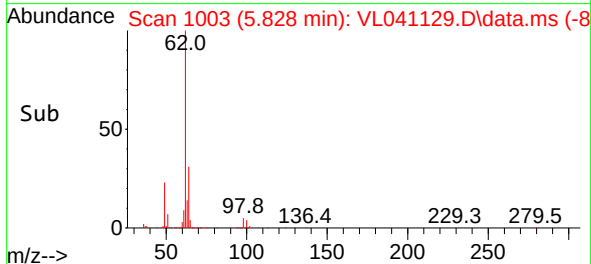
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 62 Resp: 1581744
Ion Ratio Lower Upper
62 100
98 5.8 4.6 7.0

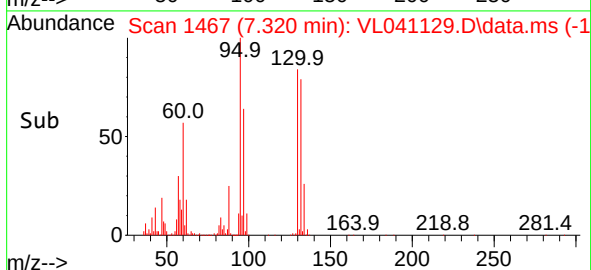
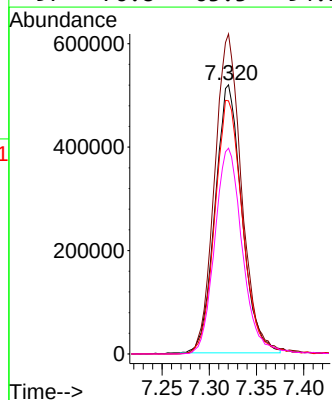
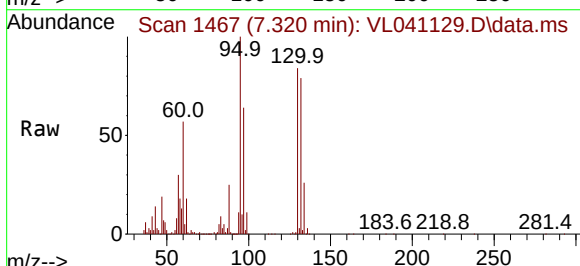
Manual Integrations
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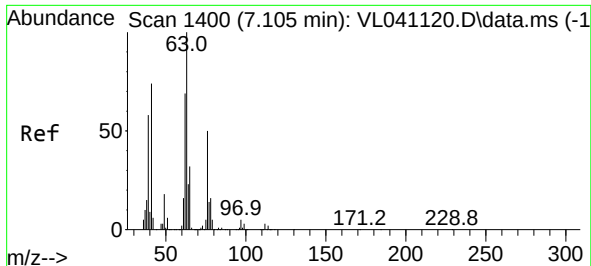
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#38
Trichloroethene
Concen: 10.851 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion:130 Resp: 1021929
Ion Ratio Lower Upper
130 100
95 119.4 95.4 143.0
132 94.3 80.0 120.0
97 76.8 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.787 ppbv

RT: 7.098 min Scan# 1400

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 63 Resp: 100596

Ion Ratio Lower Upper

63 100

41 74.0 58.7 88.1

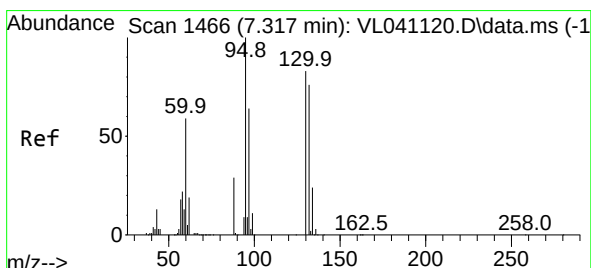
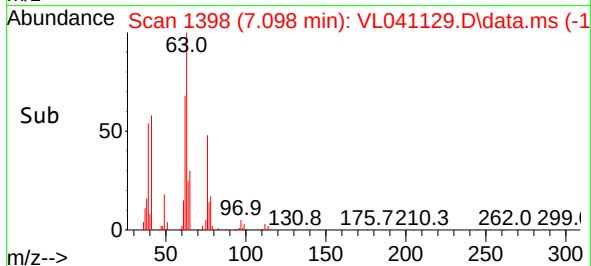
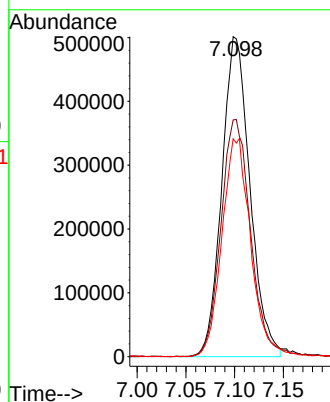
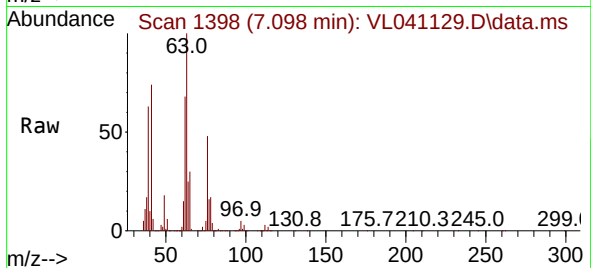
62 68.1 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#40

1,4-Dioxane

Concen: 10.474 ppbv m

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Tgt Ion: 88 Resp: 375166

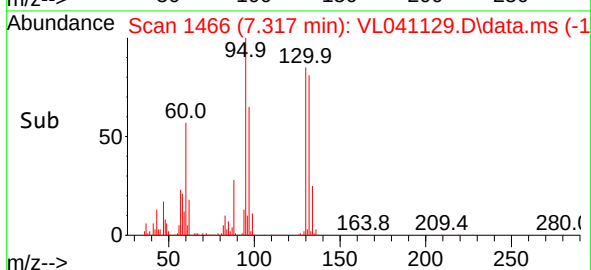
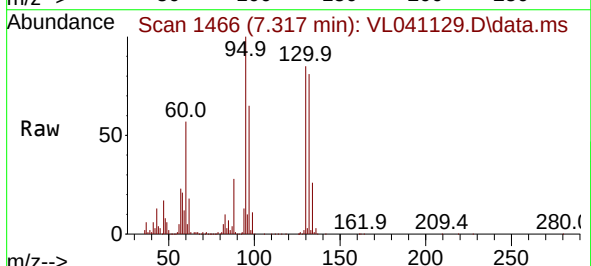
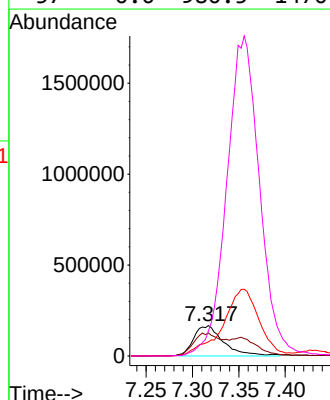
Ion Ratio Lower Upper

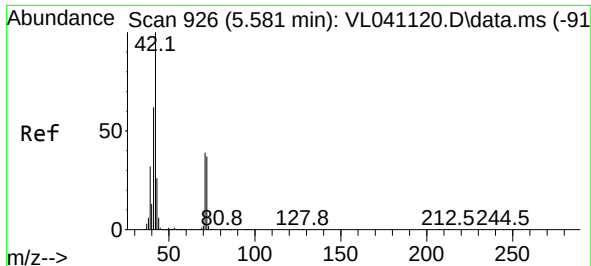
88 100

58 0.0 107.8 161.6#

43 0.0 223.8 335.6#

57 0.0 980.5 1470.7#





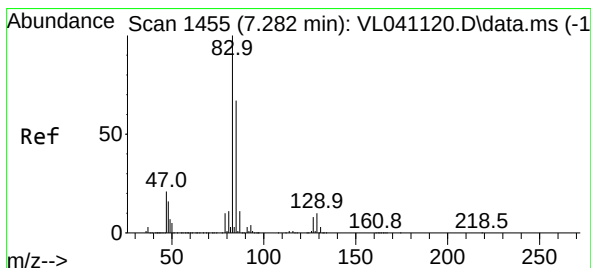
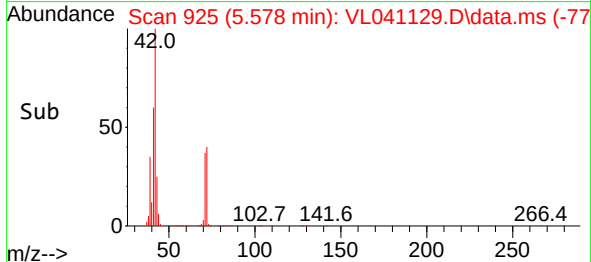
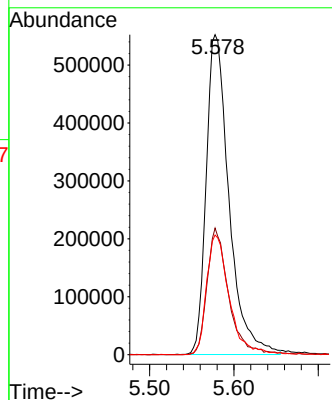
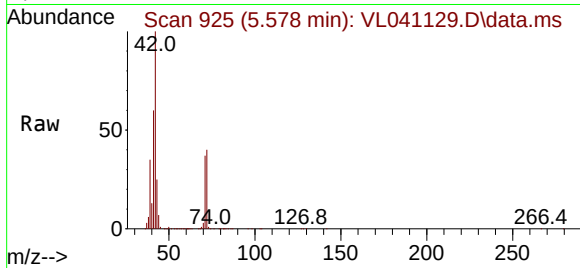
#41
Tetrahydrofuran
Concen: 10.396 ppbv
RT: 5.578 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 42 Resp: 103967
Ion Ratio Lower Upper
42 100
72 37.7 31.2 46.8
71 37.2 29.9 44.9

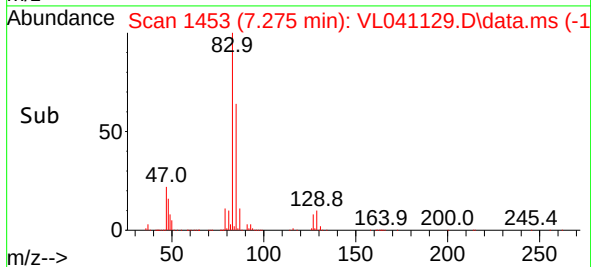
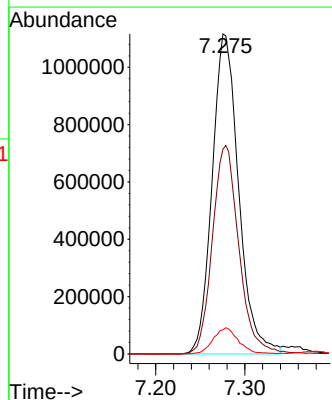
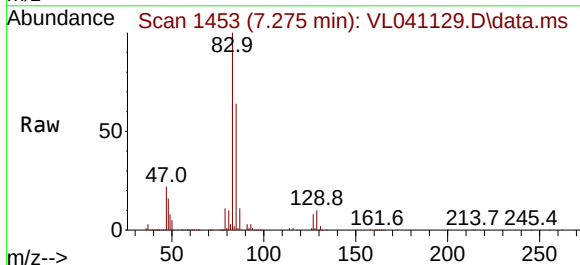
Manual Integrations
APPROVED

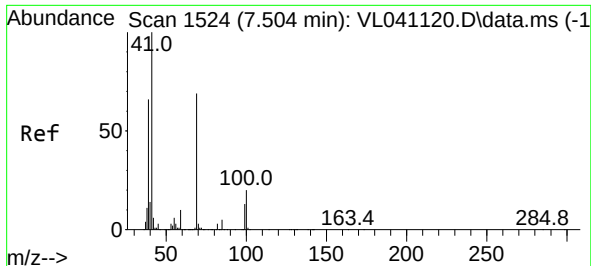
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#42
Bromodichloromethane
Concen: 10.309 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

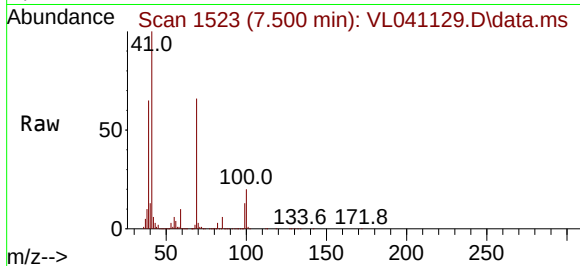
Tgt Ion: 83 Resp: 2305059
Ion Ratio Lower Upper
83 100
85 64.0 53.5 80.3
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.891 ppbv
RT: 7.500 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

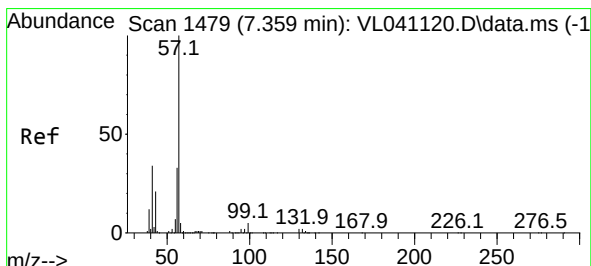
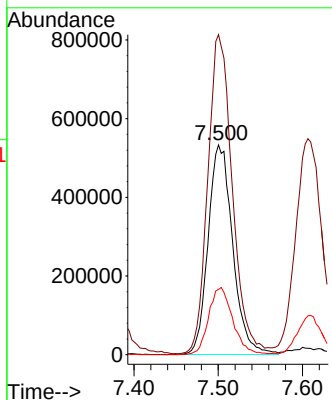
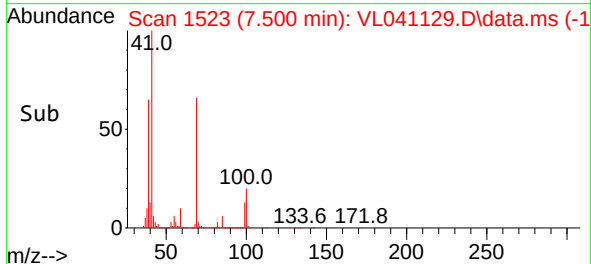
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 69 Resp: 1081398
Ion Ratio Lower Upper
69 100
41 152.4 119.2 178.8
100 31.5 24.6 37.0

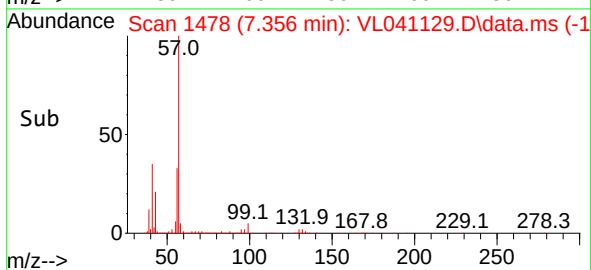
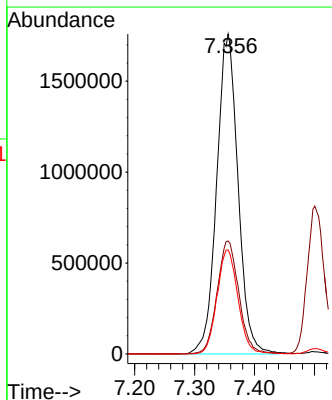
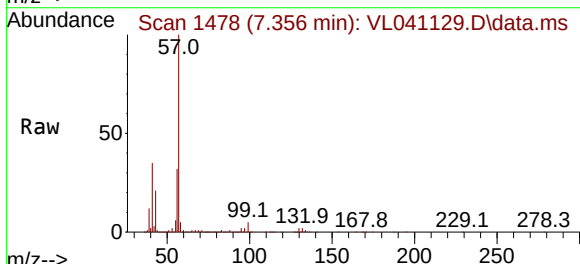
Manual Integrations
APPROVED

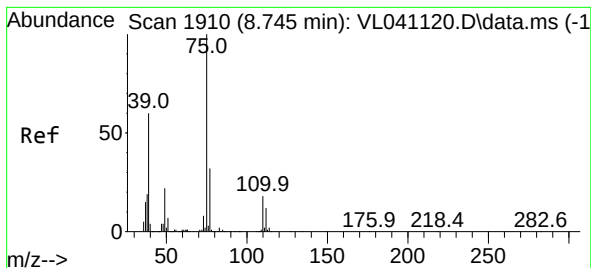
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 10.055 ppbv
RT: 7.356 min Scan# 1478
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion: 57 Resp: 4339012
Ion Ratio Lower Upper
57 100
41 36.1 28.2 42.2
56 32.0 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 10.016 ppbv

RT: 8.742 min Scan# 1910

Delta R.T. -0.003 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion: 75 Resp: 58603

Ion Ratio Lower Upper

75 100

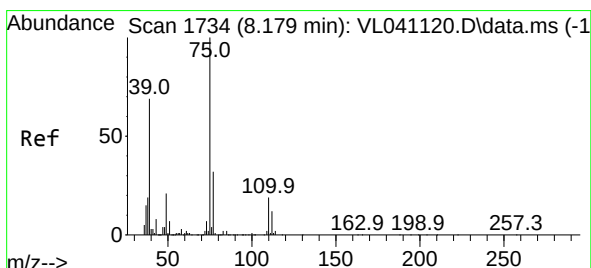
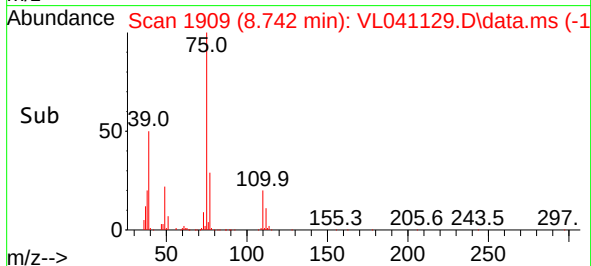
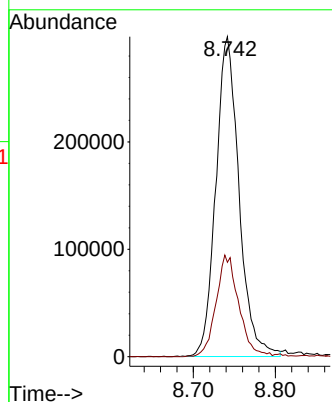
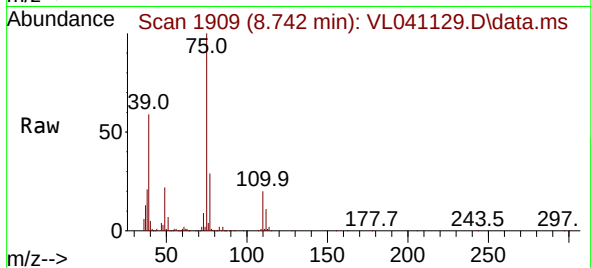
77 29.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#46

cis-1,3-Dichloropropene

Concen: 10.065 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

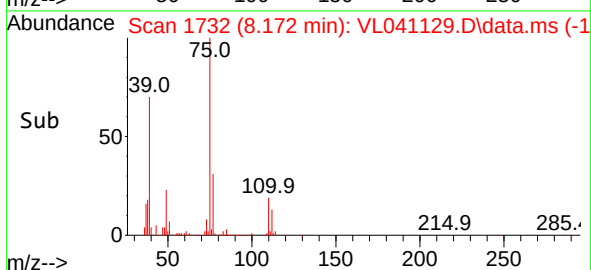
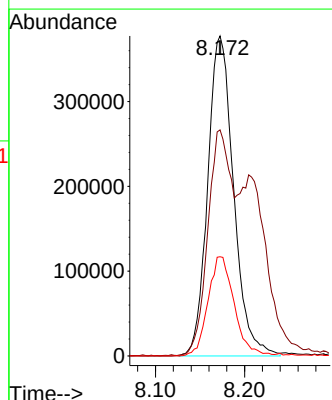
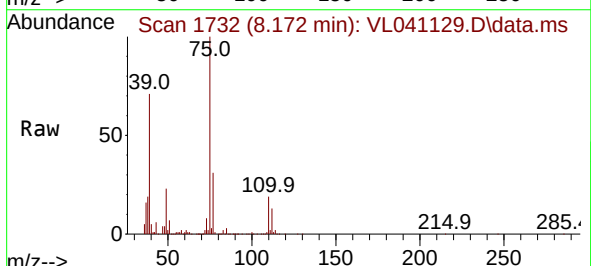
Tgt Ion: 75 Resp: 761994

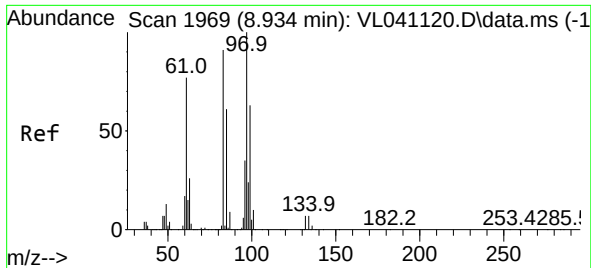
Ion Ratio Lower Upper

75 100

39 70.3 55.1 82.7

77 31.0 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 10.055 ppbv
RT: 8.928 min Scan# 1967
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

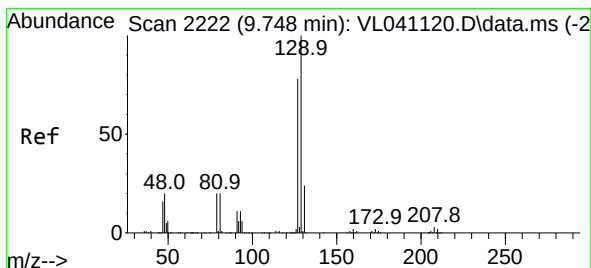
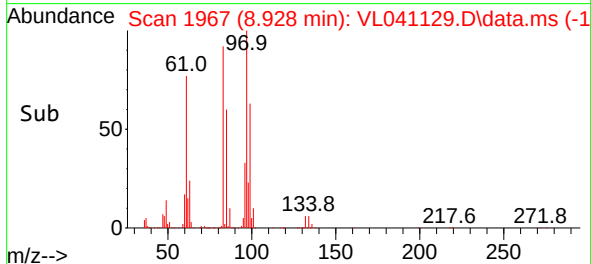
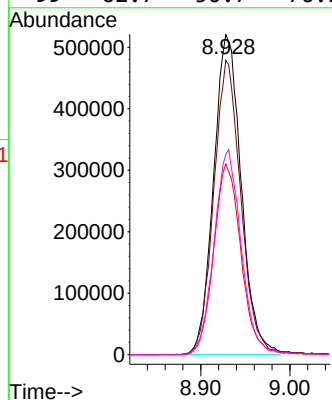
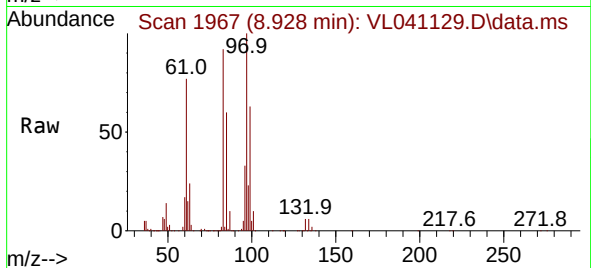
Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 97 Resp: 111701

Ion	Ratio	Lower	Upper
97	100		
83	92.1	72.9	109.3
85	59.5	49.1	73.7
99	62.7	50.7	76.1

Manual Integrations
APPROVED

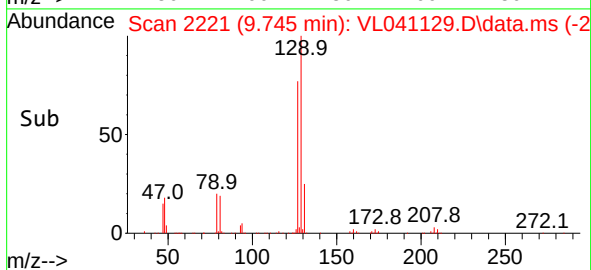
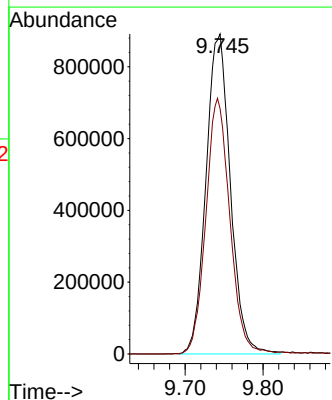
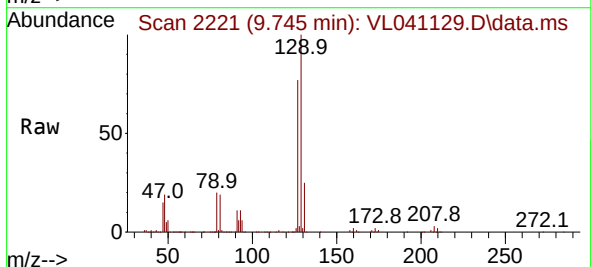
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

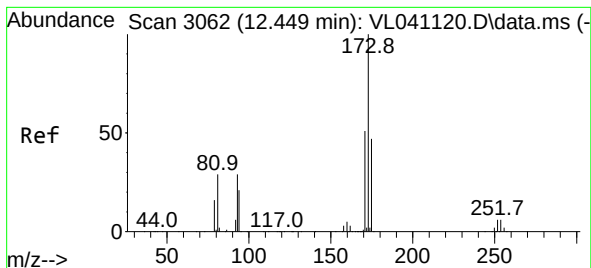


#48
Dibromochloromethane
Concen: 11.005 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion:129 Resp: 1940510

Ion	Ratio	Lower	Upper
129	100		
127	79.1	39.3	117.9





#49

Bromoform

Concen: 11.255 ppbv

RT: 12.442 min Scan# 3060

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:173 Resp: 1572289

Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.0

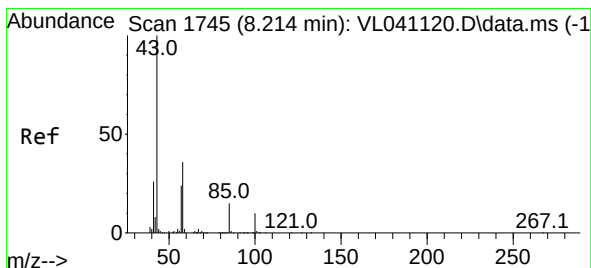
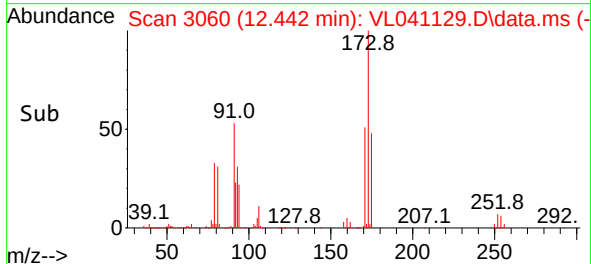
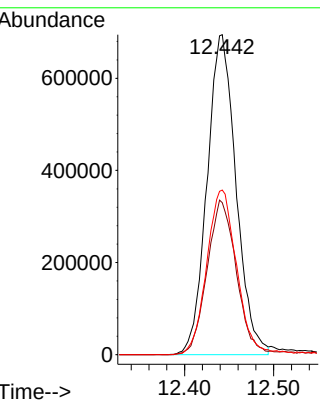
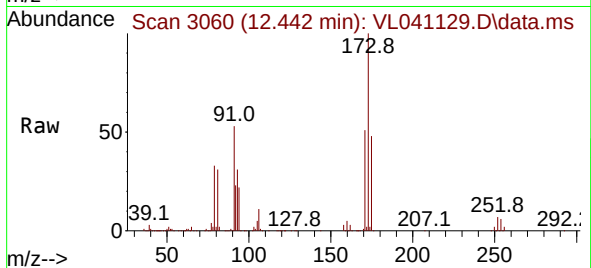
171 53.2 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#50

4-Methyl-2-Pentanone

Concen: 10.630 ppbv

RT: 8.211 min Scan# 1744

Delta R.T. -0.003 min

Lab File: VL041129.D

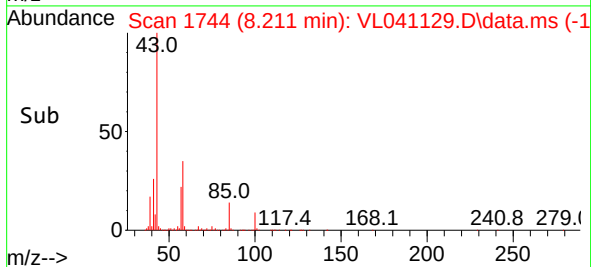
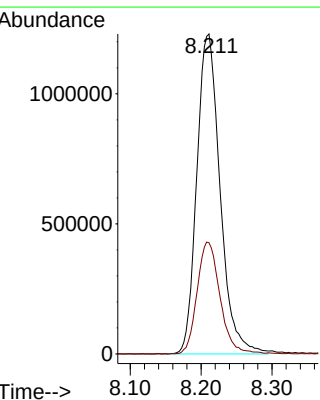
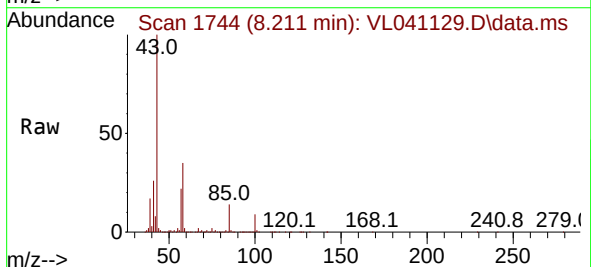
Acq: 4 Apr 2024 17:28

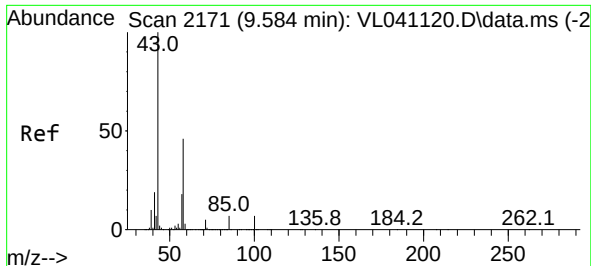
Tgt Ion: 43 Resp: 2809897

Ion Ratio Lower Upper

43 100

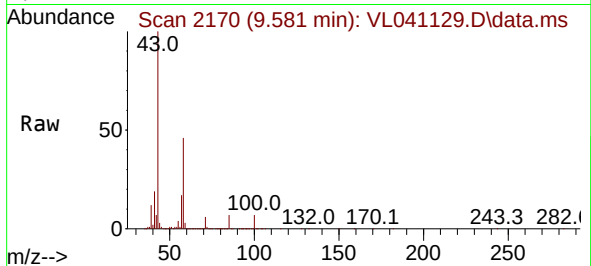
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 11.048 ppbv
RT: 9.581 min Scan# 2171
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

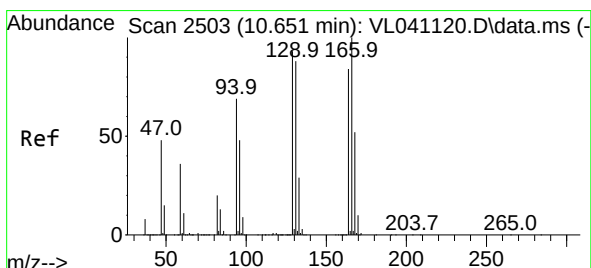
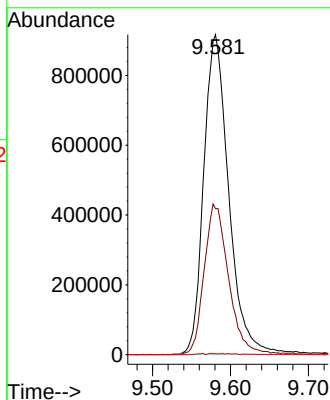
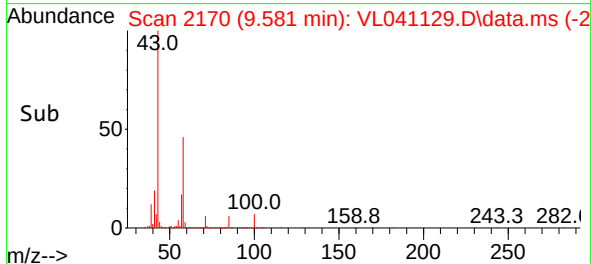
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



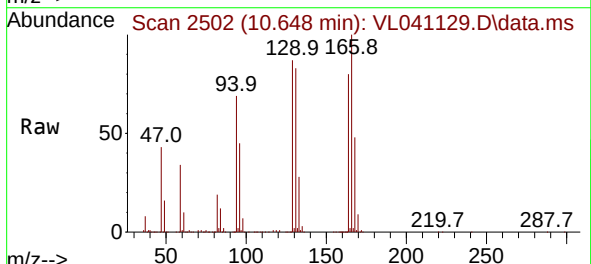
Tgt Ion: 43 Resp: 202477
Ion Ratio Lower Upper
43 100
58 46.7 37.3 55.9
98 0.5 0.3 0.5

Manual Integrations
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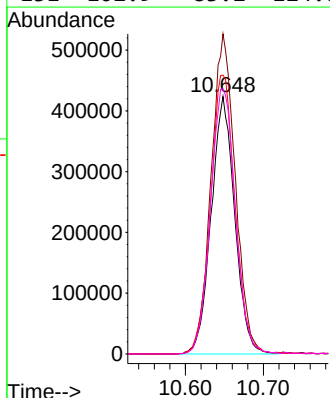
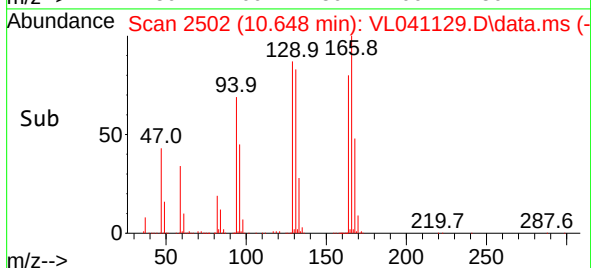
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

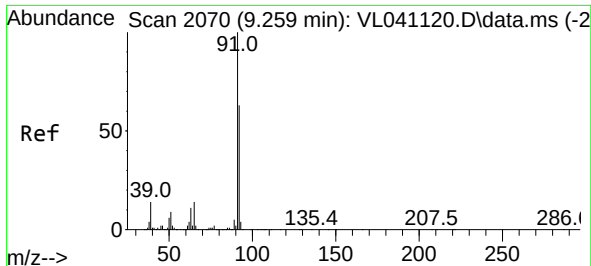


#52
Tetrachloroethene
Concen: 10.665 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



Tgt Ion:164 Resp: 886962
Ion Ratio Lower Upper
164 100
166 124.3 95.0 142.6
129 108.2 88.7 133.1
131 102.9 83.2 124.8





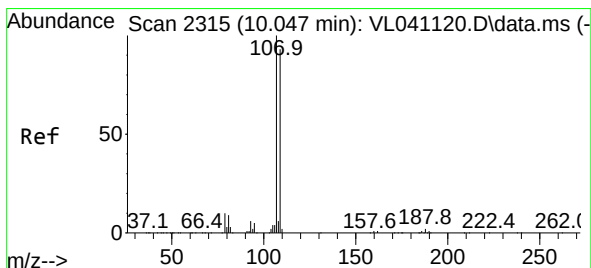
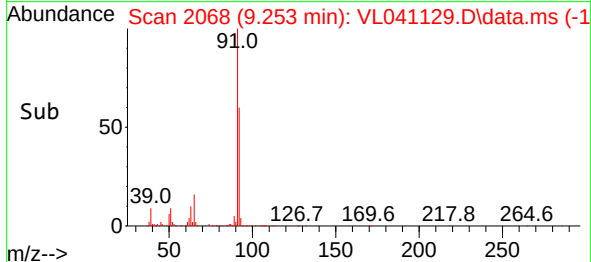
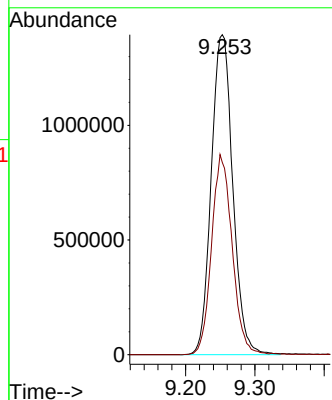
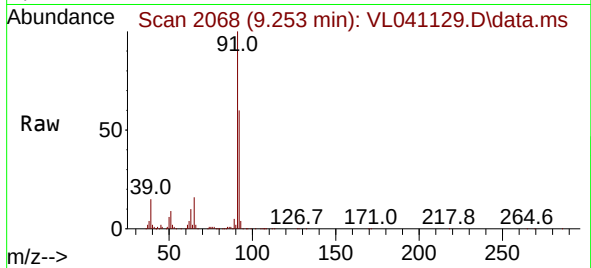
#53
Toluene
Concen: 10.960 ppbv
RT: 9.253 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 91 Resp: 3008080
Ion Ratio Lower Upper
91 100
92 60.1 49.0 73.4

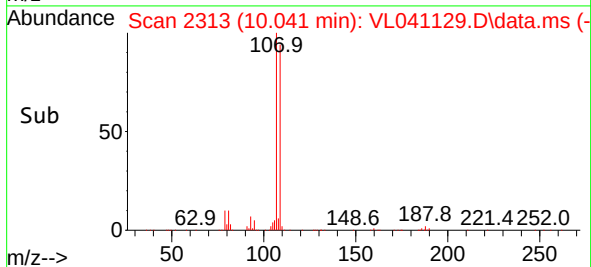
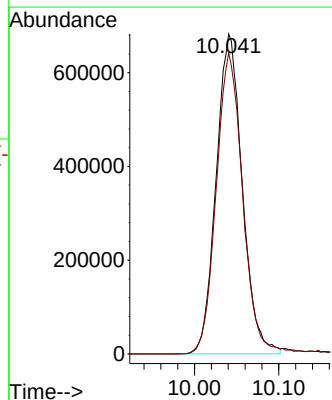
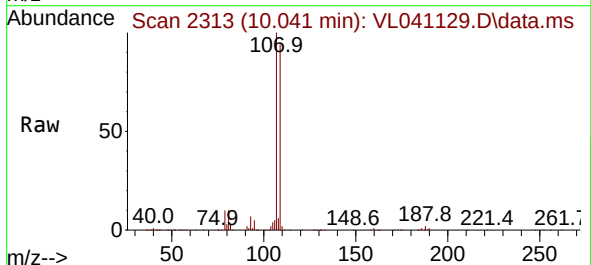
Manual Integrations
APPROVED

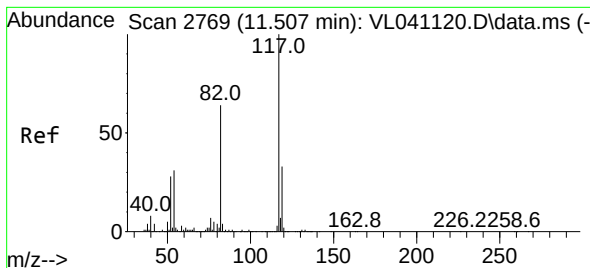
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#54
1,2-Dibromoethane
Concen: 10.594 ppbv
RT: 10.041 min Scan# 2313
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion:107 Resp: 1467635
Ion Ratio Lower Upper
107 100
109 94.1 74.3 111.5





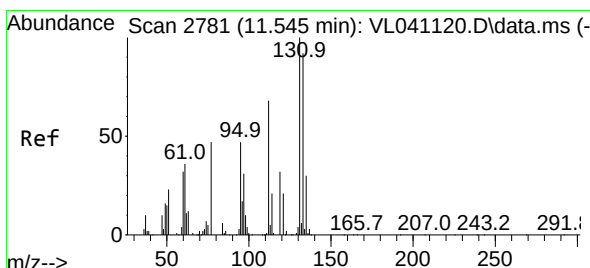
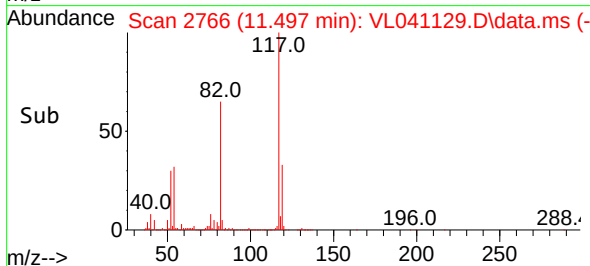
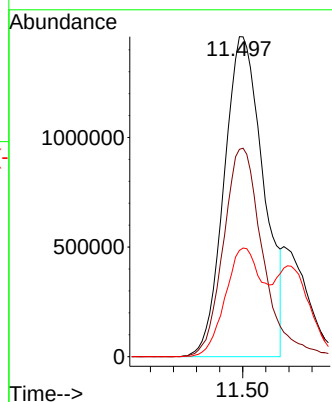
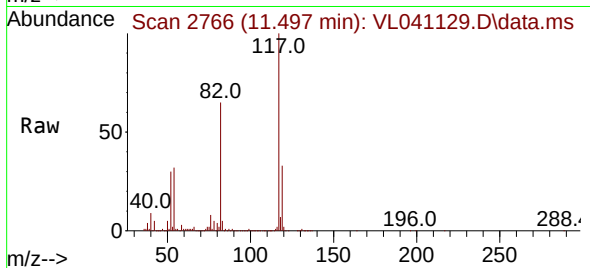
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:117 Resp: 346038
Ion Ratio Lower Upper
117 100
82 65.9 51.0 76.6
119 32.0 25.2 37.8

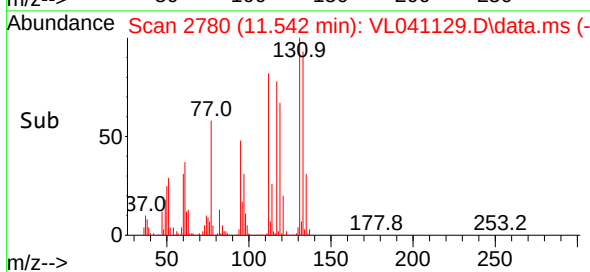
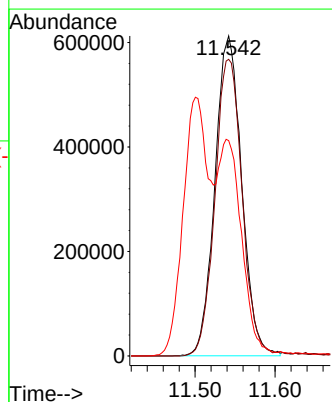
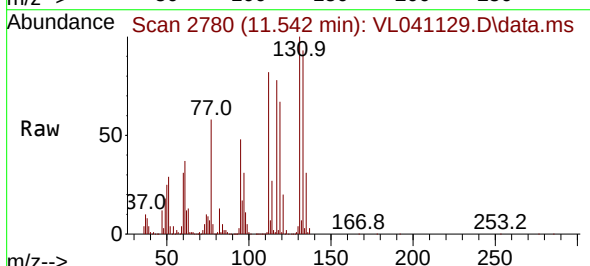
Manual Integrations
APPROVED

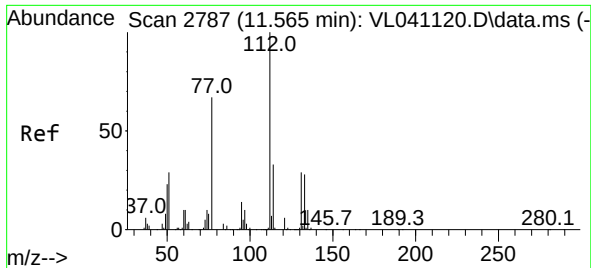
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.999 ppbv
RT: 11.542 min Scan# 2780
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

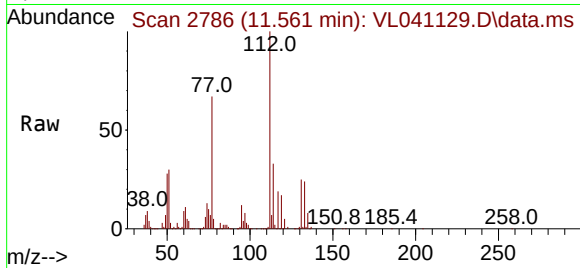
Tgt Ion:131 Resp: 1421979
Ion Ratio Lower Upper
131 100
133 96.0 76.6 115.0
119 68.9 49.9 74.9





#57
Chlorobenzene
Concen: 9.837 ppbv
RT: 11.561 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

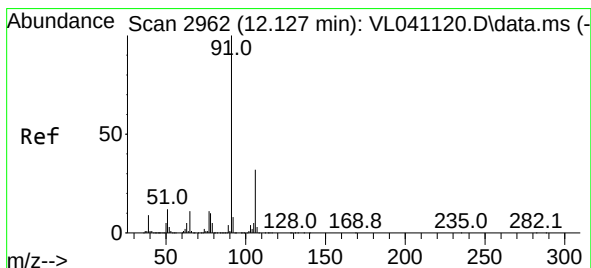
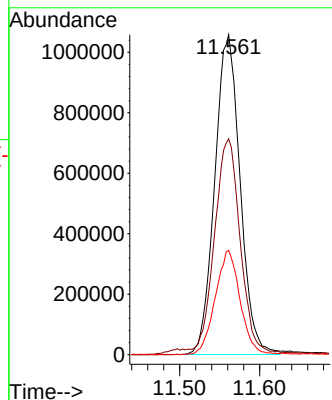
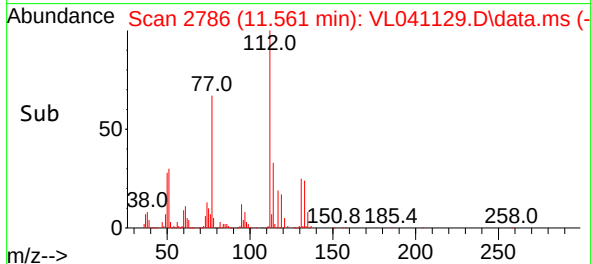
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



Tgt Ion: 112 Resp: 2330208
Ion Ratio Lower Upper
112 100
77 66.7 54.0 81.0
114 32.6 29.3 35.9

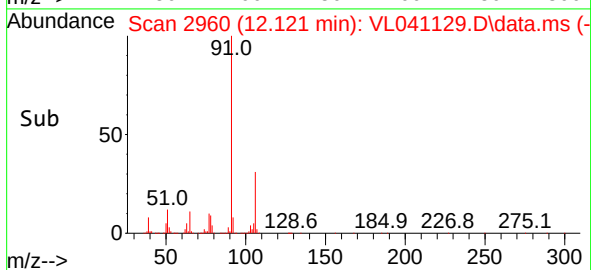
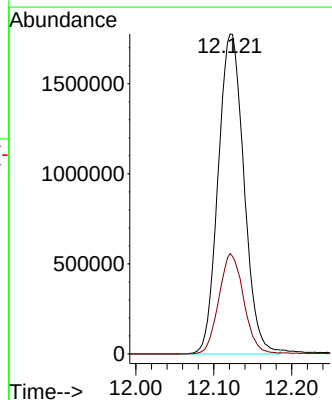
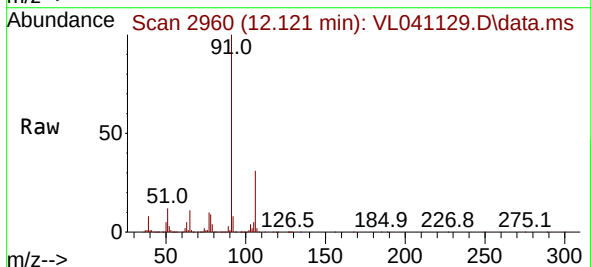
Manual Integrations
APPROVED

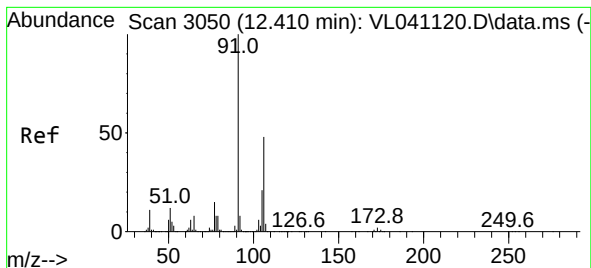
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#58
Ethyl Benzene
Concen: 10.773 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion: 91 Resp: 4081276
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





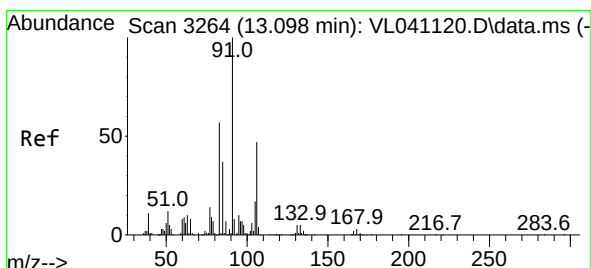
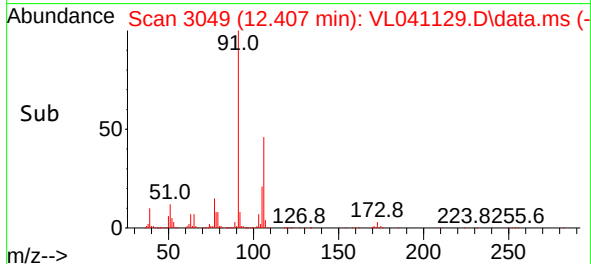
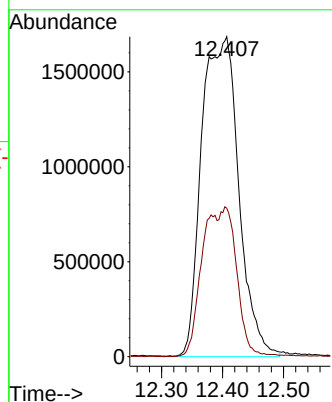
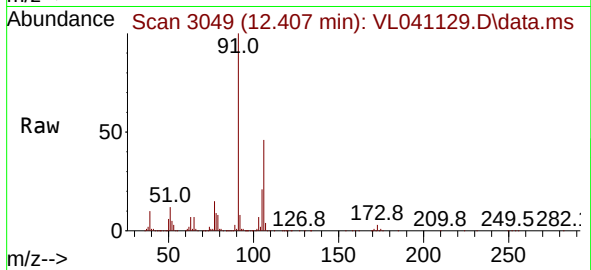
#59
m/p-Xylene
Concen: 20.791 ppbv m
RT: 12.407 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 91 Resp: 711345
Ion Ratio Lower Upper
91 100
106 43.8 35.4 53.2

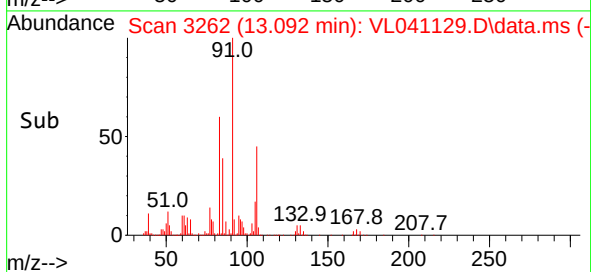
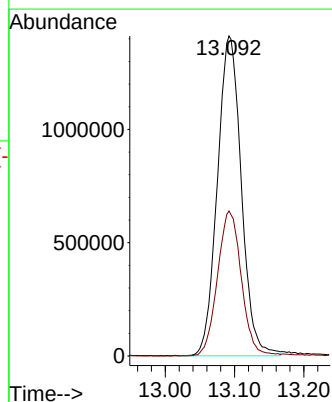
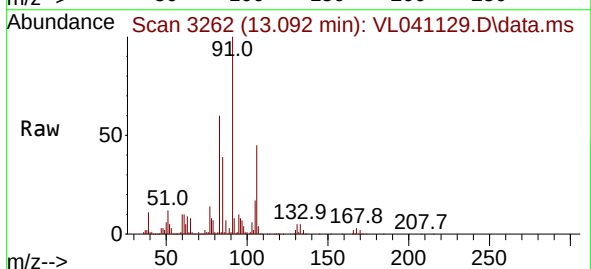
Manual Integrations
APPROVED

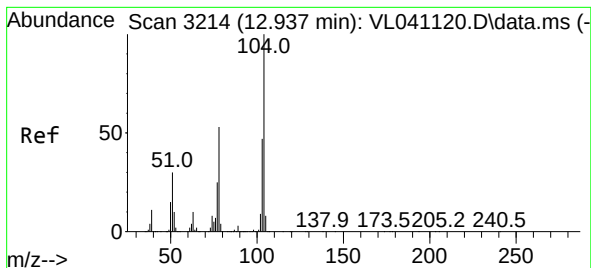
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 10.471 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

Tgt Ion: 91 Resp: 3394410
Ion Ratio Lower Upper
91 100
106 45.8 22.9 68.5





#61

Styrene

Concen: 11.707 ppbv

RT: 12.931 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:104 Resp: 168176

Ion Ratio Lower Upper

104 100

78 54.8 43.3 64.9

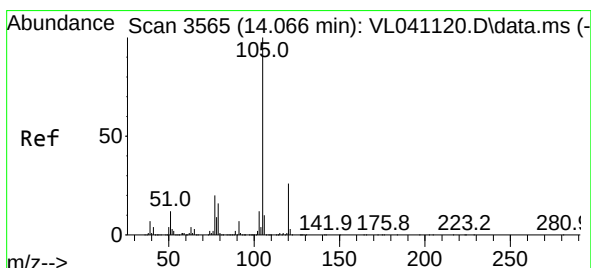
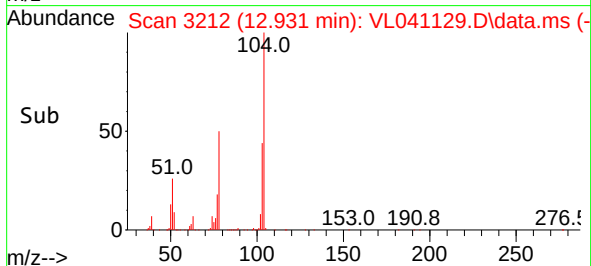
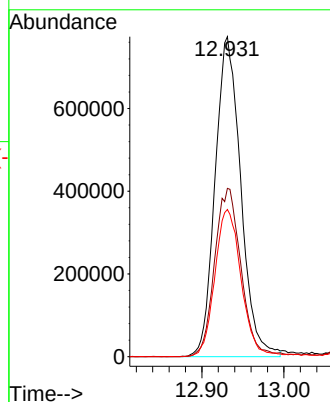
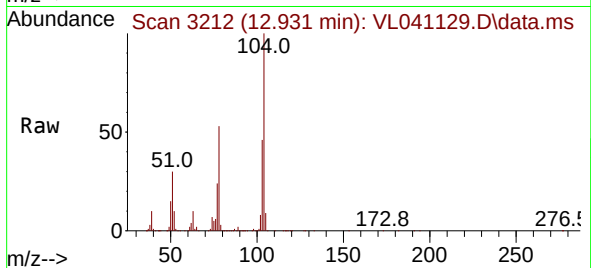
103 47.8 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#62

Isopropylbenzene

Concen: 10.228 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041129.D

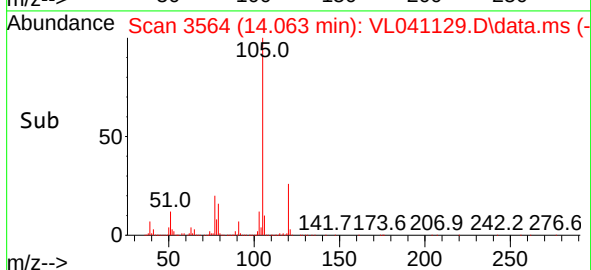
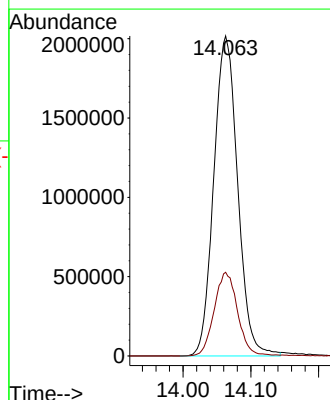
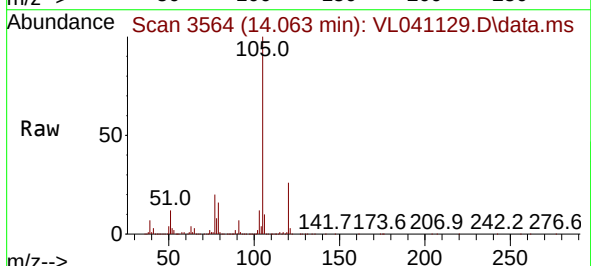
Acq: 4 Apr 2024 17:28

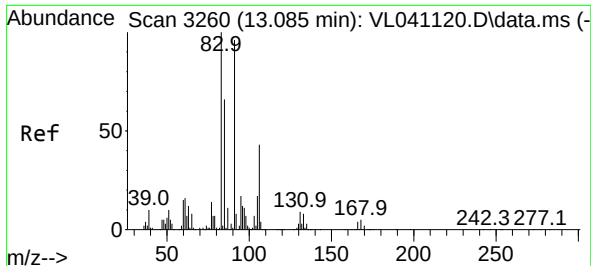
Tgt Ion:105 Resp: 4936423

Ion Ratio Lower Upper

105 100

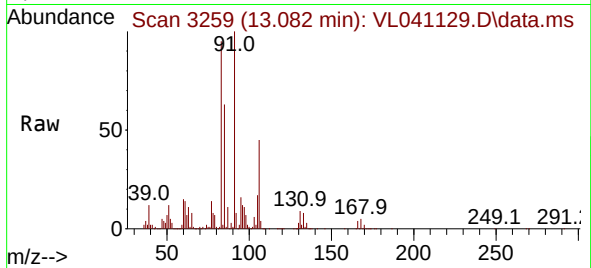
120 25.8 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.279 ppbv
RT: 13.082 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

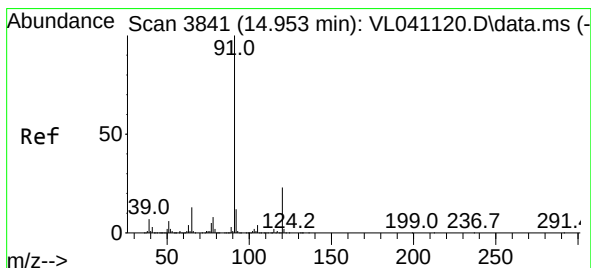
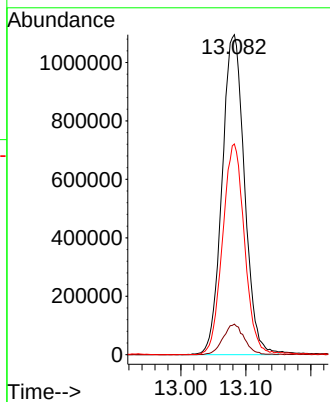
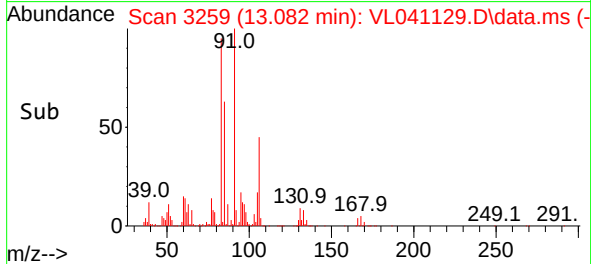
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



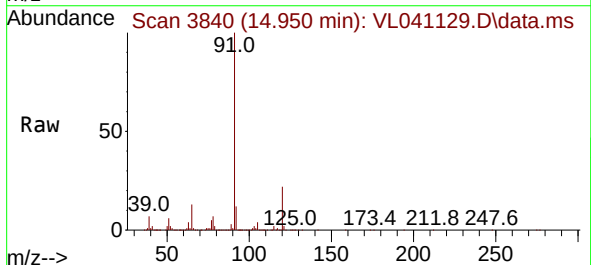
Tgt Ion: 83 Resp: 261818
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 64.9 33.1 99.2

Manual Integrations
APPROVED

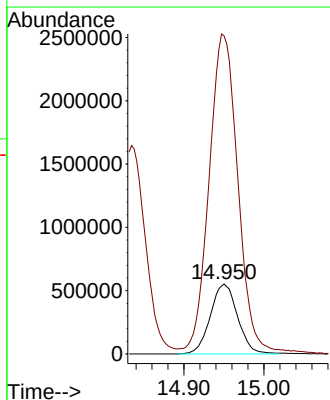
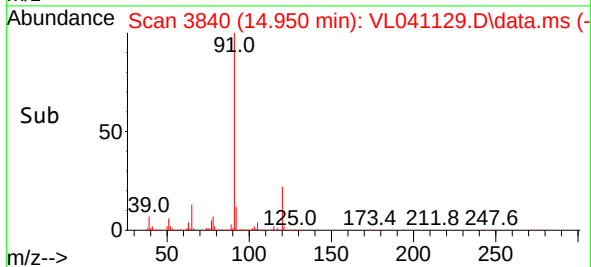
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

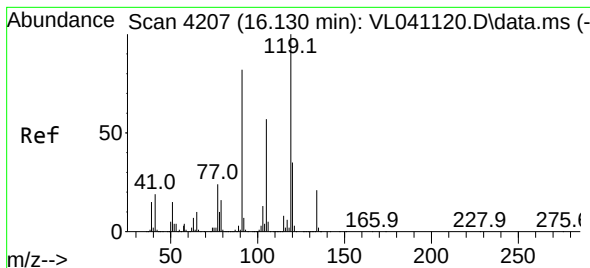


#64
n-propylbenzene
Concen: 10.778 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



Tgt Ion:120 Resp: 1305387
Ion Ratio Lower Upper
120 100
91 487.7 395.0 592.6





#65

tert-Butylbenzene

Concen: 10.521 ppbv

RT: 16.124 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041129.D

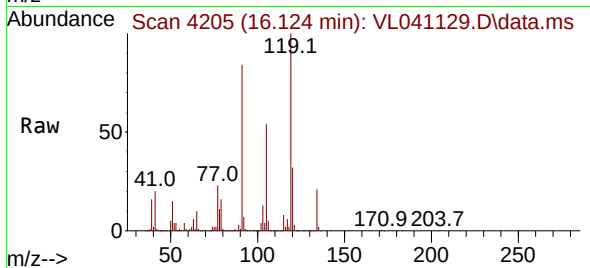
Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion:119 Resp: 4432990

Ion Ratio Lower Upper

119 100

91 84.8 67.8 101.8

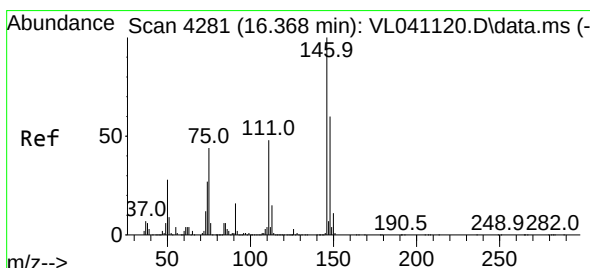
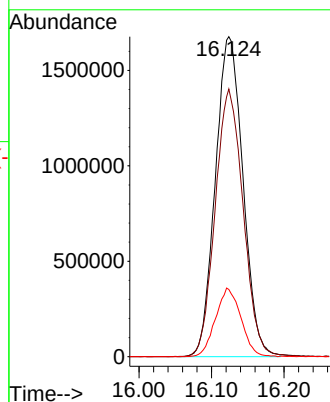
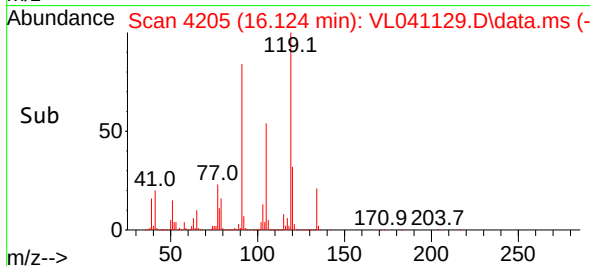
134 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#66

Benzyl Chloride

Concen: 7.547 ppbv m

RT: 16.359 min Scan# 4278

Delta R.T. -0.010 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

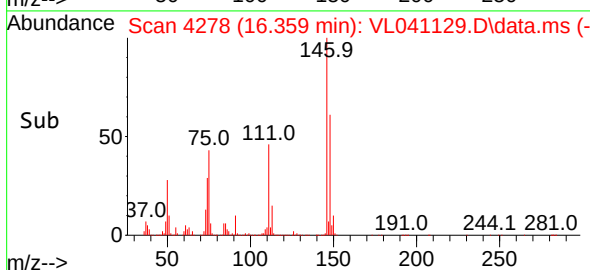
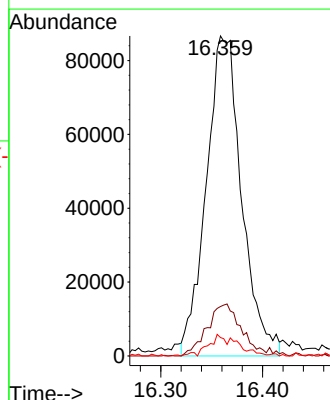
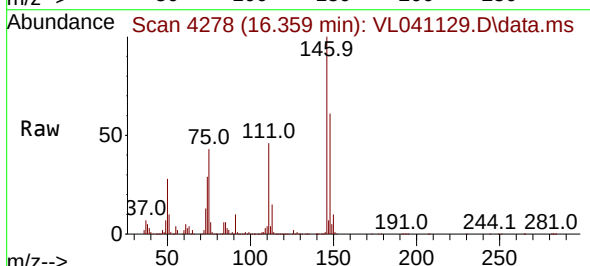
Tgt Ion: 91 Resp: 209229

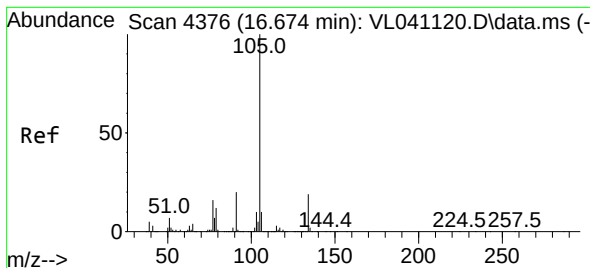
Ion Ratio Lower Upper

91 100

126 0.0 13.4 20.2#

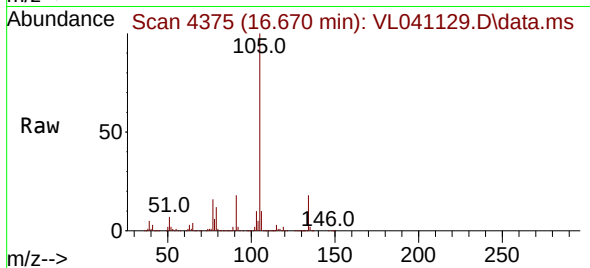
128 5.7 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 10.445 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

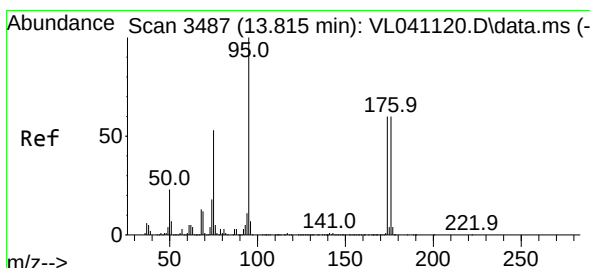
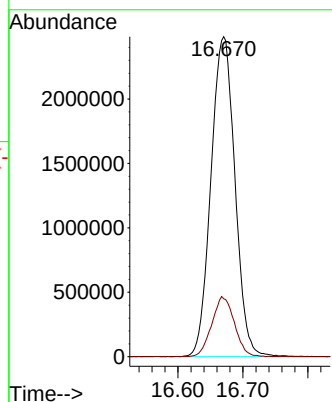
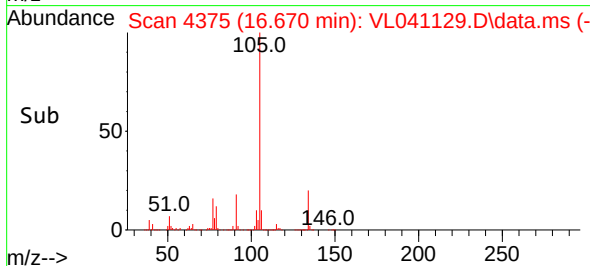
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABS01



Tgt Ion:105 Resp: 635813
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

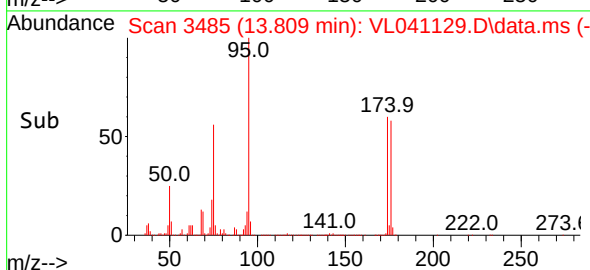
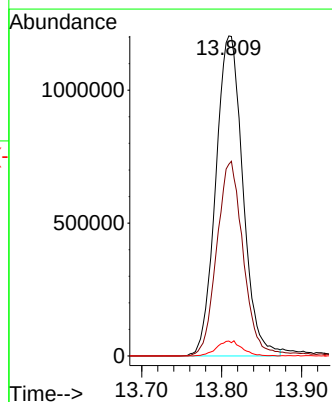
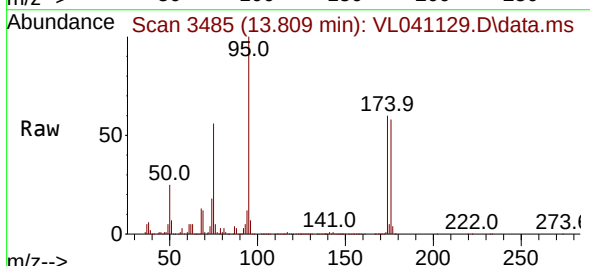
Manual Integrations
 APPROVED

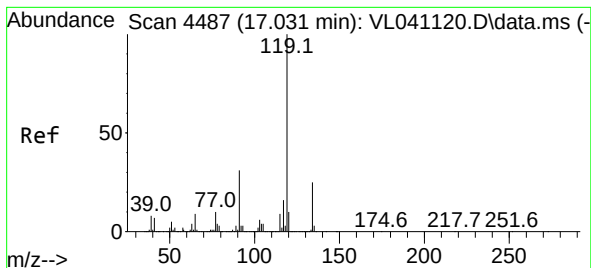
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.199 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: VL041129.D
 Acq: 4 Apr 2024 17:28

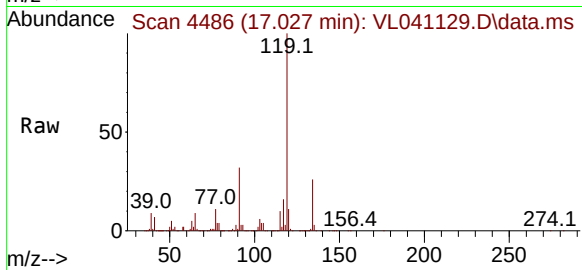
Tgt Ion: 95 Resp: 2837866
 Ion Ratio Lower Upper
 95 100
 174 60.7 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.843 ppbv
RT: 17.027 min Scan# 4486
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

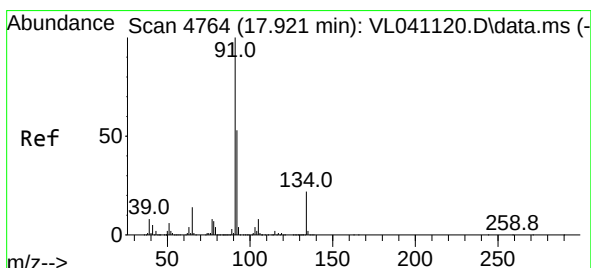
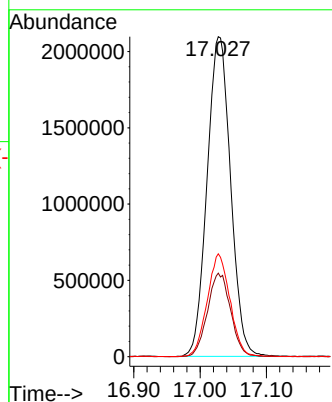
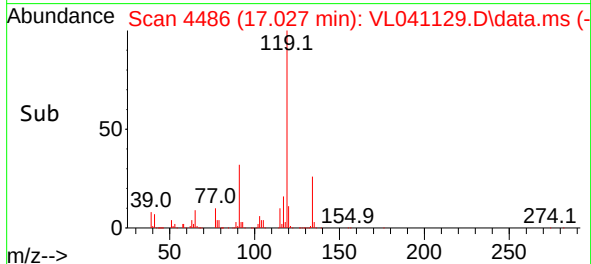
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



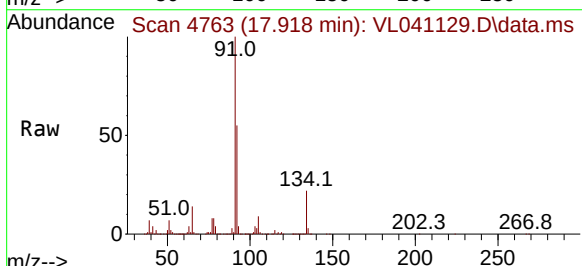
Tgt Ion:119 Resp: 5147162
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 31.2 24.8 37.2

Manual Integrations
APPROVED

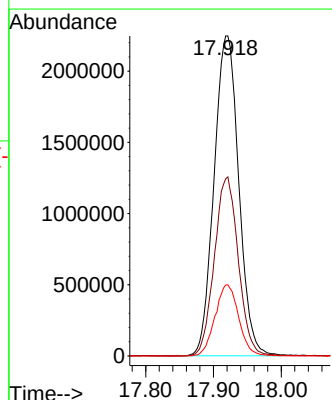
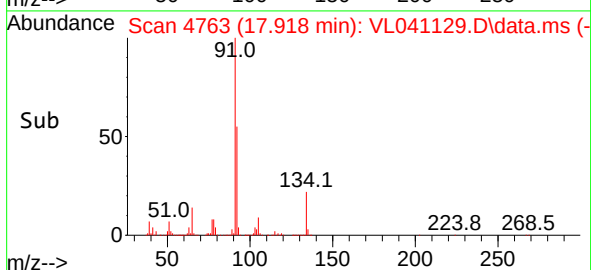
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

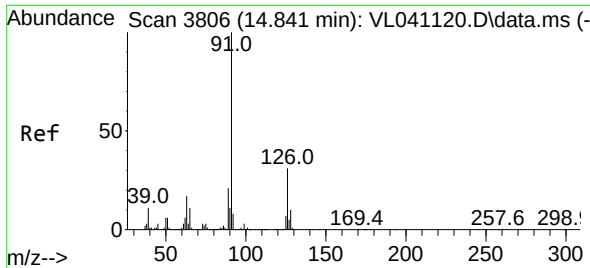


#70
n-Butylbenzene
Concen: 11.031 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. -0.003 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



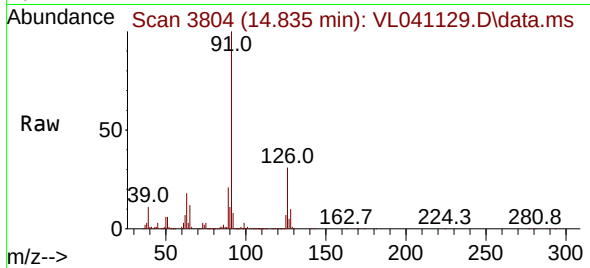
Tgt Ion: 91 Resp: 5688495
Ion Ratio Lower Upper
91 100
92 54.4 43.4 65.0
134 21.4 17.1 25.7





#71
2-Chlorotoluene
Concen: 10.497 ppbv
RT: 14.835 min Scan# 3804
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28

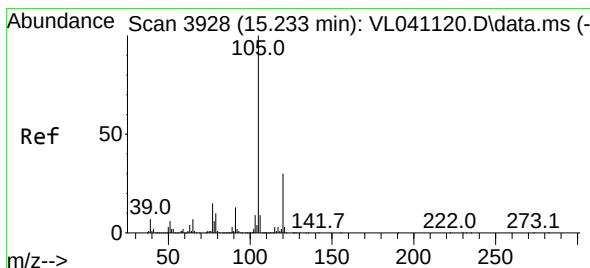
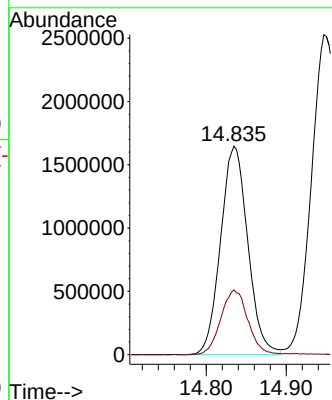
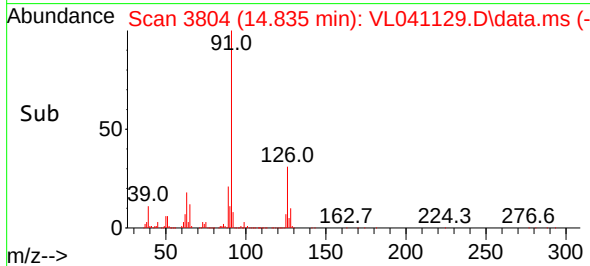
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01



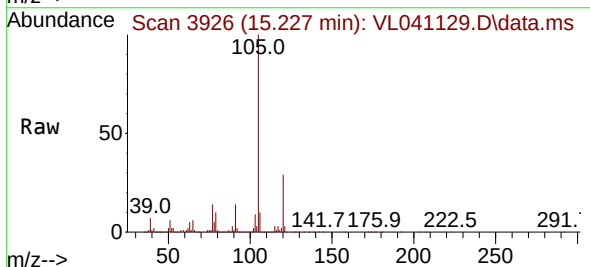
Tgt Ion: 91 Resp: 3885784
Ion Ratio Lower Upper
91 100
126 31.6 12.5 50.1

Manual Integrations
APPROVED

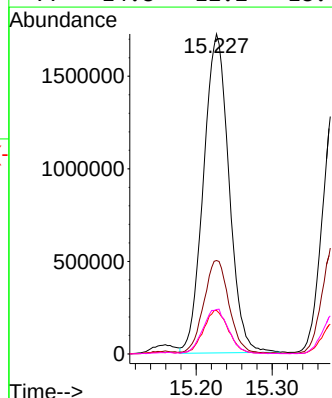
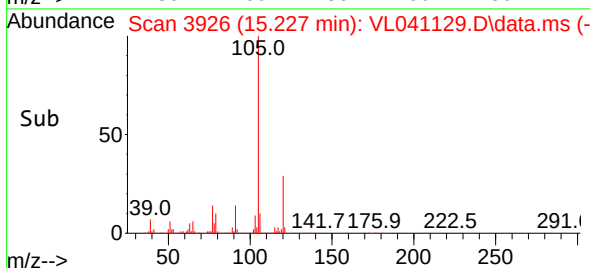
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

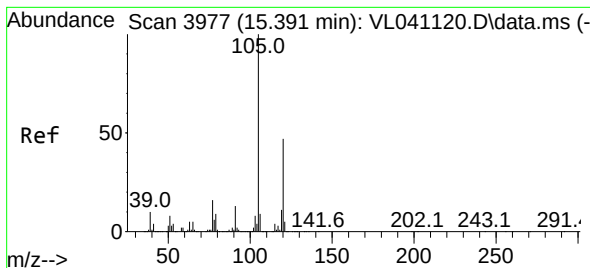


#72
4-Ethyltoluene
Concen: 11.052 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. -0.006 min
Lab File: VL041129.D
Acq: 4 Apr 2024 17:28



Tgt Ion:105 Resp: 4001744
Ion Ratio Lower Upper
105 100
120 29.5 24.2 36.2
91 13.3 11.2 16.8
77 14.8 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.871 ppbv

RT: 15.384 min Scan# 3977

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:105 Resp: 3471680

Ion Ratio Lower Upper

105 100

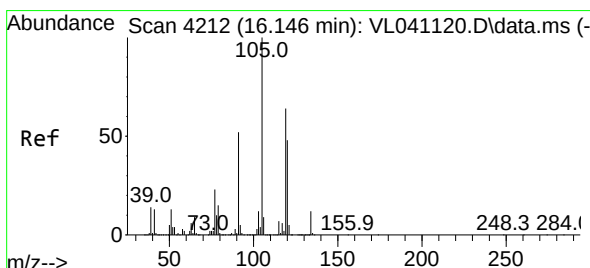
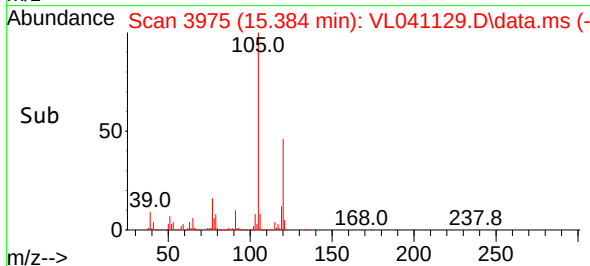
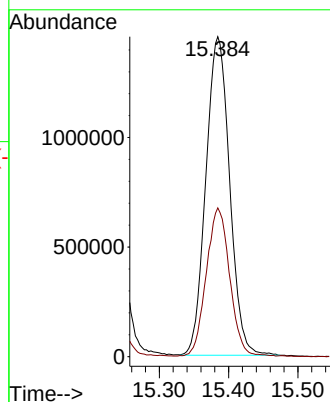
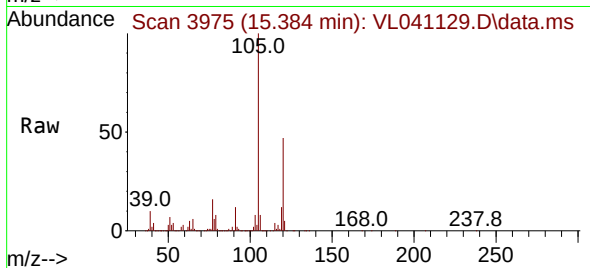
120 46.4 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.538 ppbv

RT: 16.143 min Scan# 4211

Delta R.T. -0.003 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Tgt Ion:105 Resp: 3851163

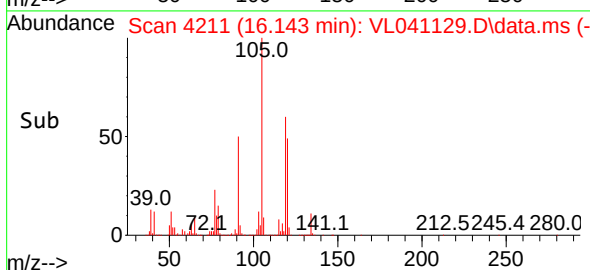
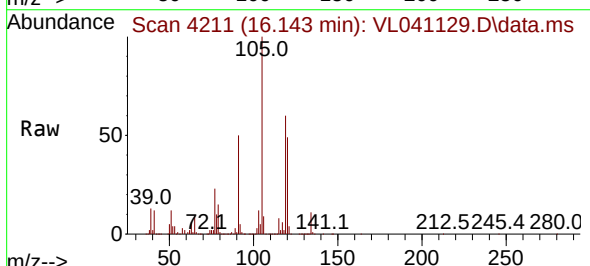
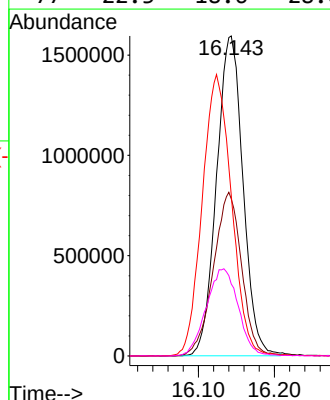
Ion Ratio Lower Upper

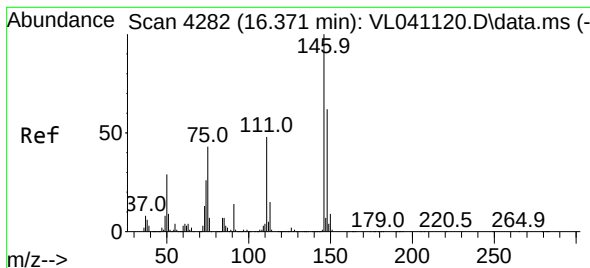
105 100

120 48.9 38.9 58.3

91 50.0 43.0 64.6

77 22.3 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 10.560 ppbv

RT: 16.365 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:146 Resp: 225330

Ion Ratio Lower Upper

146 100

111 48.1 24.1 72.4

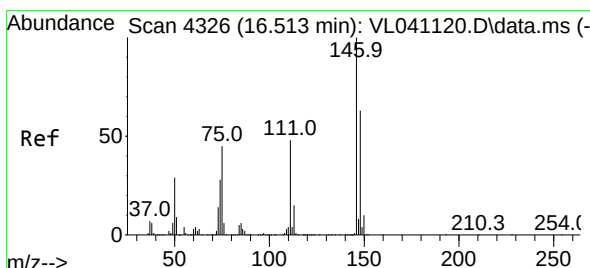
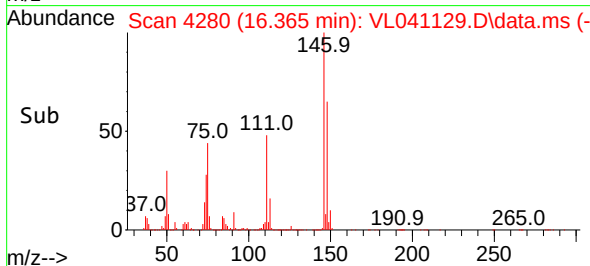
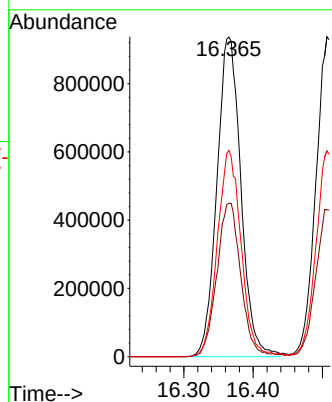
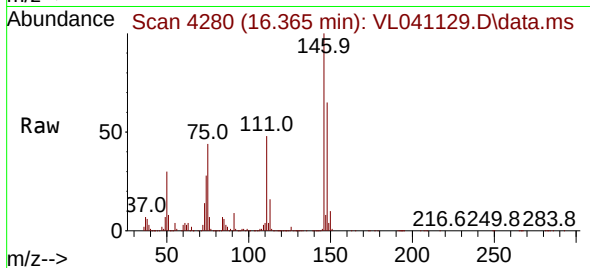
148 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#76

1,4-Dichlorobenzene

Concen: 10.548 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

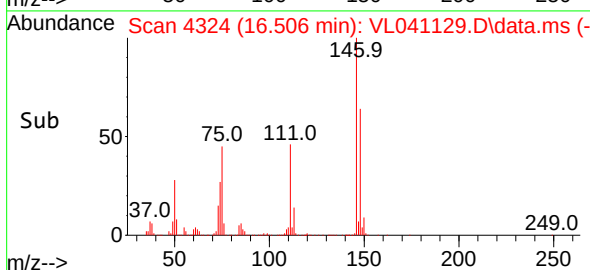
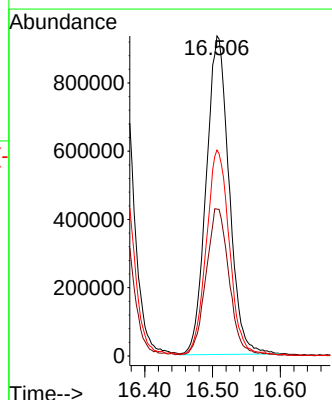
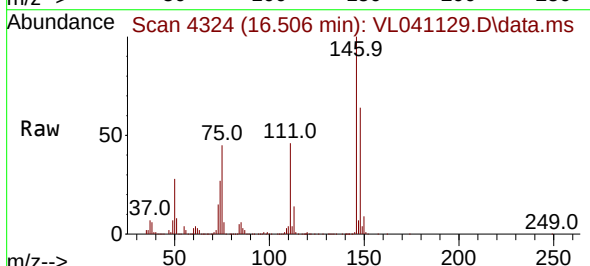
Tgt Ion:146 Resp: 2189410

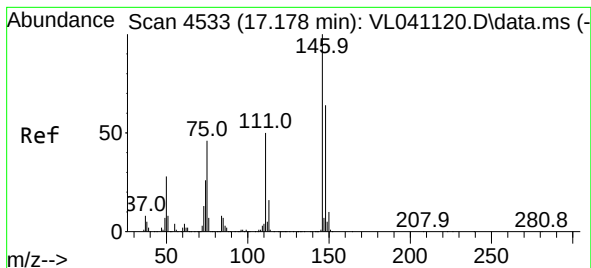
Ion Ratio Lower Upper

146 100

111 47.0 24.1 72.3

148 65.7 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 10.619 ppbv

RT: 17.175 min Scan# 4533

Delta R.T. -0.003 min

Lab File: VL041129.D

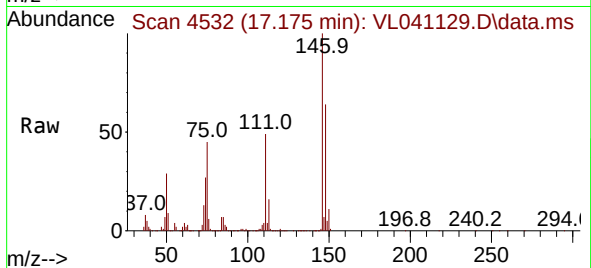
Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion:146 Resp: 2200220

Ion Ratio Lower Upper

146 100

111 49.5 25.1 75.3

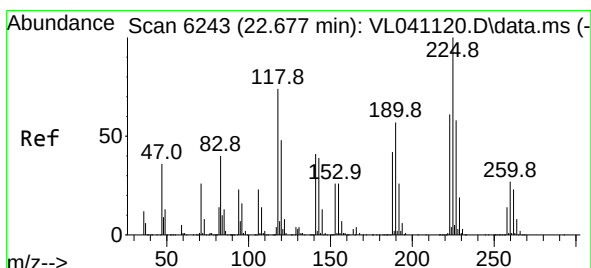
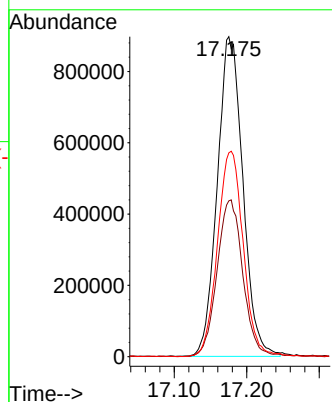
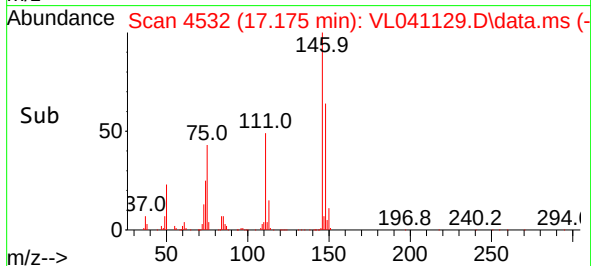
148 64.8 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#78

Hexachloro-1,3-Butadiene

Concen: 10.207 ppbv m

RT: 22.667 min Scan# 6240

Delta R.T. -0.010 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

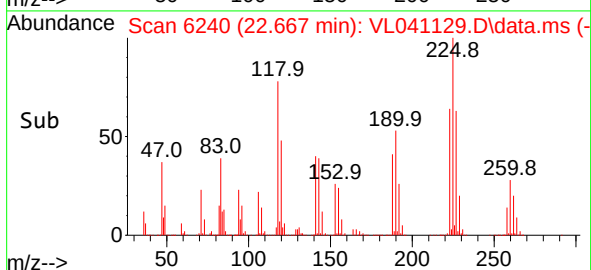
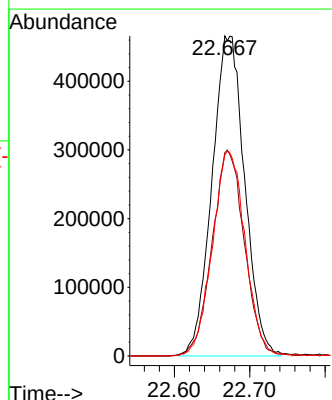
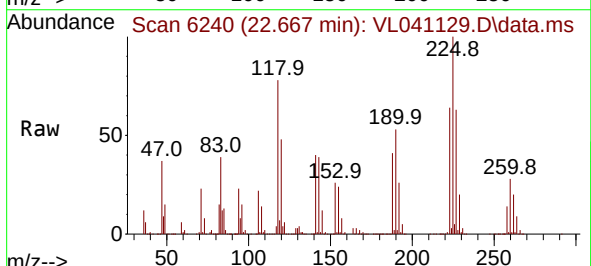
Tgt Ion:225 Resp: 1406137

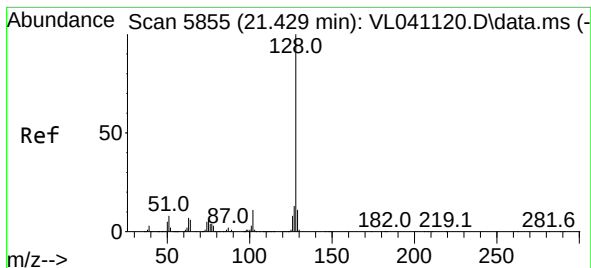
Ion Ratio Lower Upper

225 100

223 0.0 50.9 76.3#

227 0.0 51.3 76.9#





#79

Naphthalene

Concen: 14.286 ppbv

RT: 21.423 min Scan# 5855

Delta R.T. -0.006 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01

Tgt Ion:128 Resp: 334964

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

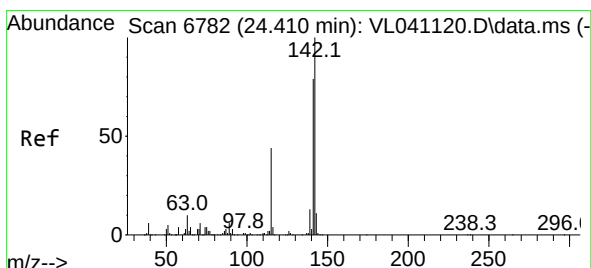
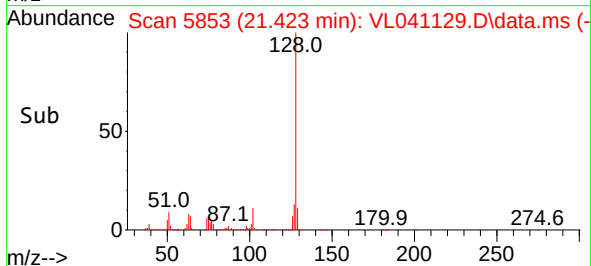
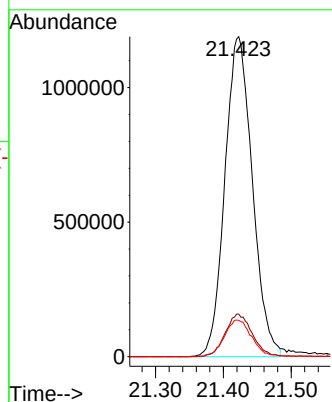
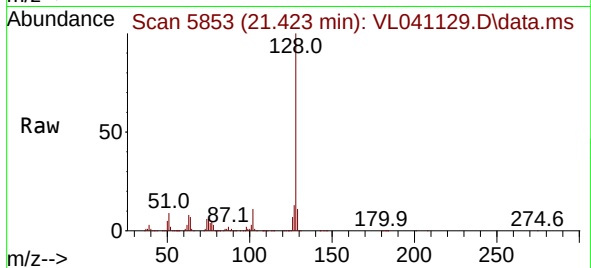
129 11.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#80

Naphthalene,2-methyl-

Concen: 14.404 ppbv

RT: 24.406 min Scan# 6781

Delta R.T. -0.003 min

Lab File: VL041129.D

Acq: 4 Apr 2024 17:28

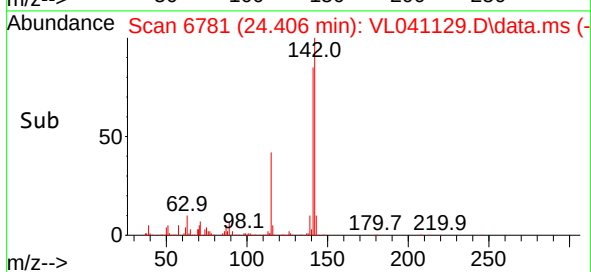
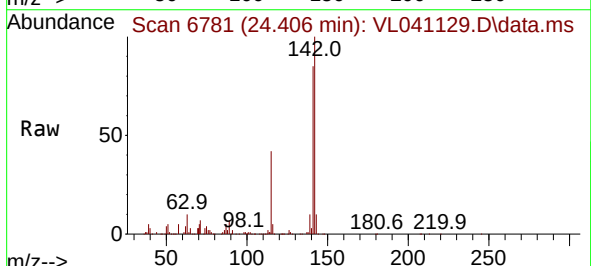
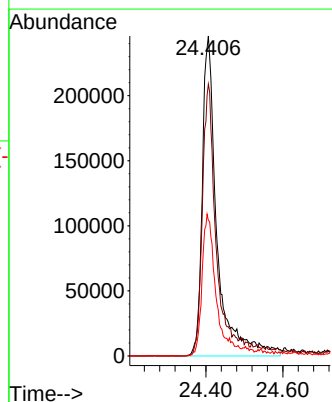
Tgt Ion:142 Resp: 657877

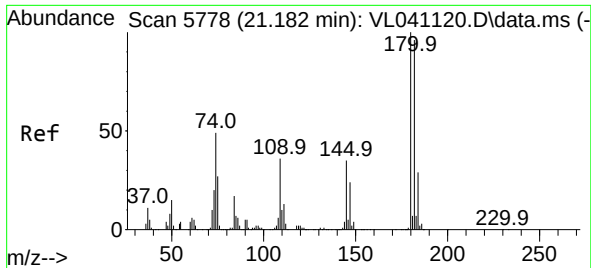
Ion Ratio Lower Upper

142 100

141 83.1 64.4 96.6

115 43.4 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 12.285 ppbv

RT: 21.175 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL041129.D

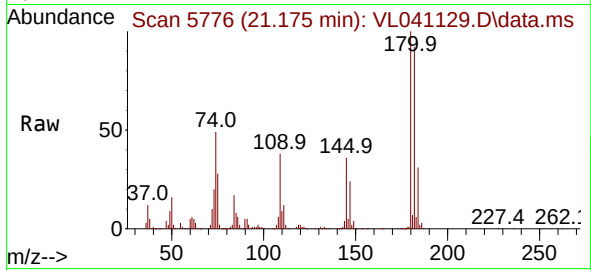
Acq: 4 Apr 2024 17:28

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABS01



Tgt Ion:180 Resp: 1614698

Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.2

184 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024

