

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041127.D
 Acq On : 4 Apr 2024 14:19
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 04:53:15 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	1498028	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3954963	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.504	117	4075854m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.812 95 2996152 9.142 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	2333067	9.105	ppbv	98
3) Chlorodifluoromethane	2.681	51	2100613	9.104	ppbv	99
4) Chloromethane	2.819	50	805807	9.229	ppbv	96
5) Vinyl Chloride	2.928	62	845082	10.019	ppbv	99
6) Bromomethane	3.128	94	263492	8.299	ppbv	92
7) Chloroethane	3.205	64	290333	9.379	ppbv	99
8) Dichlorotetrafluoroethane	2.864	85	2058829	9.419	ppbv	99
9) Propene	2.700	41	704910	9.604	ppbv	97
10) Heptane	7.607	43	1783955	10.237	ppbv	100
11) Trichlorofluoromethane	3.575	101	2115695	9.105	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1545174	9.187	ppbv	98
13) Ethanol	3.250	45	153988	8.820	ppbv	99
14) Bromoethene	3.375	108	649546	9.805	ppbv	99
15) Acetone	3.478	43	1555692	9.591	ppbv	99
16) 1,3-Butadiene	2.993	39	785842	9.869	ppbv	98
17) tert-Butyl alcohol	3.893	59	1545561	10.521	ppbv	100
18) 1,1-Dichloroethene	3.893	96	702506	9.784	ppbv	97
19) Isopropyl Alcohol	3.587	45	1047790	10.633	ppbv #	94
20) Methylene Chloride	3.948	84	572512	8.558	ppbv	97
21) Allyl Chloride	4.012	41	968528	9.800	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	732356	9.729	ppbv	97
23) Vinyl Acetate	4.645	43	1779303	10.738	ppbv	98
24) 1,1-Dichloroethane	4.581	63	1443807	9.576	ppbv	99
25) Ethyl Acetate	5.224	43	2974882	9.766	ppbv	99
26) Hexane	5.234	57	1308751	9.575	ppbv	99
27) Carbon Disulfide	4.140	76	1757828	10.496	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	1048983	10.170	ppbv	99
29) Chloroform	5.295	83	2179390	9.458	ppbv	99
30) Cyclohexane	6.629	84	1142933	10.265	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	1284146	9.926	ppbv	99
32) 1,1,1-Trichloroethane	6.028	97	2199032	10.324	ppbv	99
34) 2-Butanone	4.806	43	1614595	9.647	ppbv	99
35) Carbon Tetrachloride	6.520	117	2304212	10.233	ppbv	98
36) Benzene	6.394	78	2849115	9.810	ppbv	99
37) 1,2-Dichloroethane	5.832	62	1652436	9.476	ppbv	99
38) Trichloroethene	7.320	130	1089698	10.385	ppbv	96
39) 1,2-Dichloropropane	7.099	63	1097866	9.587	ppbv	99
40) 1,4-Dioxane	7.314	88	424610	10.639	ppbv	78
41) Tetrahydrofuran	5.581	42	1184174	10.627	ppbv	100
42) Bromodichloromethane	7.279	83	2450442	9.836	ppbv	98
43) Methyl Methacrylate	7.504	69	1184381	10.706	ppbv	99
44) 2,2,4-Trimethylpentane	7.353	57	4635170	9.640	ppbv	99
45) t-1,3-Dichloropropene	8.742	75	638294	9.791	ppbv	94

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 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:53:15 2024

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

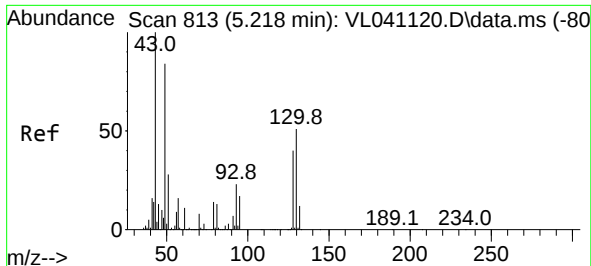
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

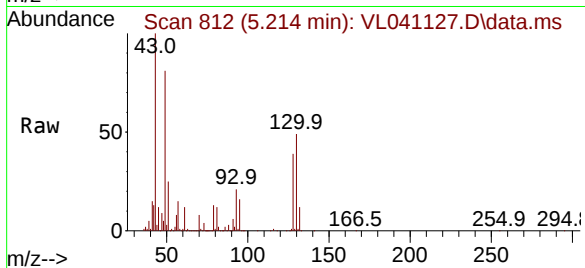
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	835217	9.902	ppbv	99
47) 1,1,2-Trichloroethane	8.931	97	1186314	9.585	ppbv	98
48) Dibromochloromethane	9.745	129	2068017	10.526	ppbv	100
49) Bromoform	12.446	173	1664331	10.693	ppbv	99
50) 4-Methyl-2-Pentanone	8.208	43	2972908	10.094	ppbv	99
51) 2-Hexanone	9.584	43	2149133	10.525	ppbv #	97
52) Tetrachloroethene	10.651	164	948088	10.231	ppbv	97
53) Toluene	9.253	91	3204511	10.479	ppbv	100
54) 1,2-Dibromoethane	10.044	107	1573903	10.196	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.542	131	1493527	8.916	ppbv	99
57) Chlorobenzene	11.561	112	2474800	8.870	ppbv	99
58) Ethyl Benzene	12.124	91	4314381	9.669	ppbv	97
59) m/p-Xylene	12.407	91	7376157m	18.303	ppbv	
60) o-Xylene	13.098	91	3541722	9.275	ppbv	99
61) Styrene	12.934	104	1813453	10.718	ppbv	99
62) Isopropylbenzene	14.066	105	5132755	9.029	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.085	83	2672773	8.909	ppbv	100
64) n-propylbenzene	14.954	120	1350130	9.464	ppbv	96
65) tert-Butylbenzene	16.127	119	4609910	9.289	ppbv	99
66) Benzyl Chloride	16.368	91	231078m	7.077	ppbv	
67) sec-Butylbenzene	16.674	105	6509926	9.079	ppbv	99
69) p-Isopropyltoluene	17.034	119	5320064	9.515	ppbv	100
70) n-Butylbenzene	17.924	91	5807986	9.562	ppbv	100
71) 2-Chlorotoluene	14.838	91	4058938	9.309	ppbv	99
72) 4-Ethyltoluene	15.230	105	4135420	9.696	ppbv	99
73) 1,3,5-Trimethylbenzene	15.388	105	3590859	9.546	ppbv	98
74) 1,2,4-Trimethylbenzene	16.146	105	3967901	9.218	ppbv	98
75) 1,3-Dichlorobenzene	16.368	146	2313113	9.203	ppbv	99
76) 1,4-Dichlorobenzene	16.513	146	2279139	9.323	ppbv	98
77) 1,2-Dichlorobenzene	17.179	146	2283004	9.354	ppbv	99
78) Hexachloro-1,3-Butadiene	22.677	225	1444164	8.900	ppbv	99
79) Naphthalene	21.429	128	3535036	12.800	ppbv	98
80) Naphthalene,2-methyl-	24.410	142	766495	14.248	ppbv	92
81) 1,2,4-Trichlorobenzene	21.182	180	1699894	10.980	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 813
Delta R.T. -0.004 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

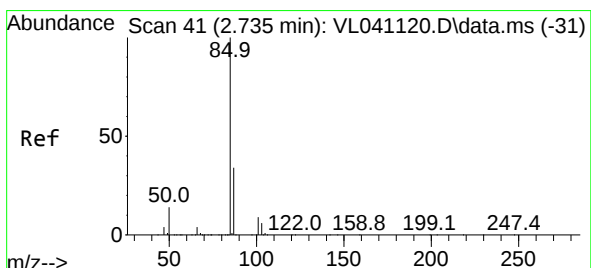
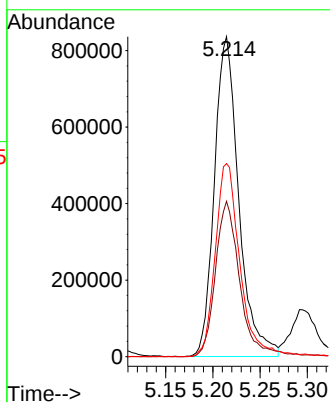
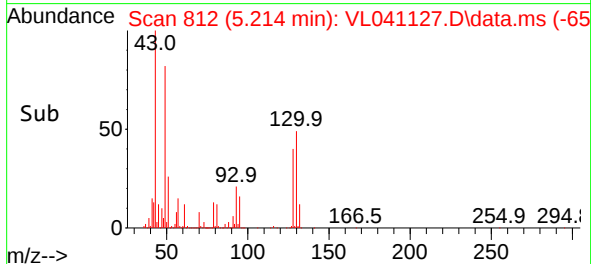
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion: 49 Resp: 1498028
Ion Ratio Lower Upper
49 100
128 49.2 23.6 71.0
130 61.8 30.1 90.5

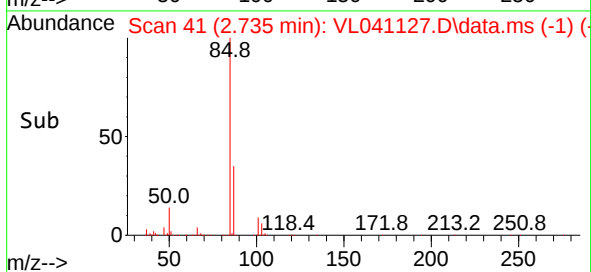
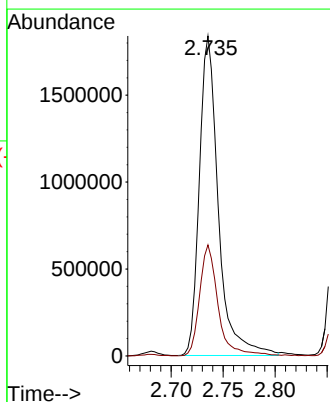
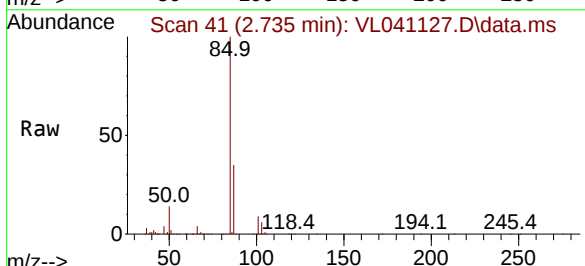
Manual Integrations
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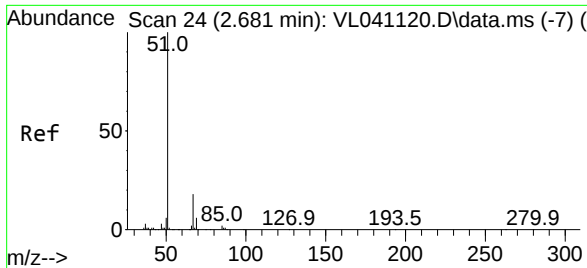
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#2
Dichlorodifluoromethane
Concen: 9.105 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

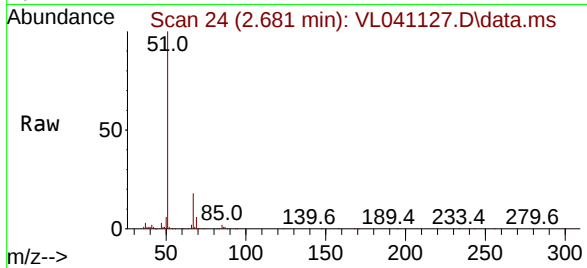
Tgt Ion: 85 Resp: 2333067
Ion Ratio Lower Upper
85 100
87 34.7 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.104 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

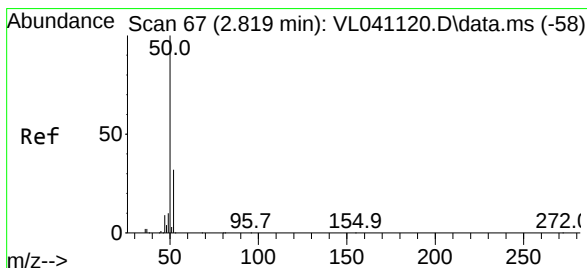
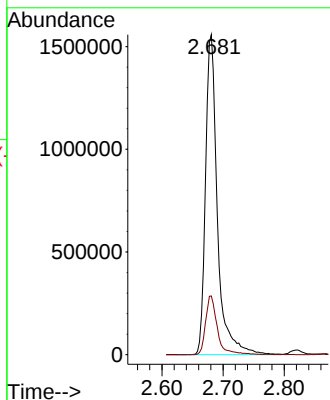
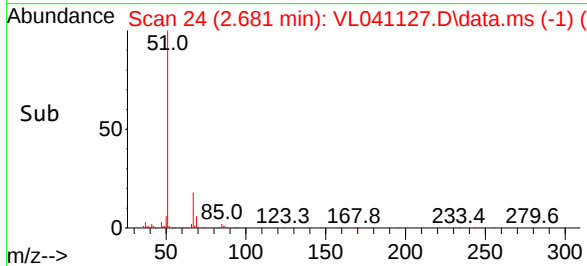
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



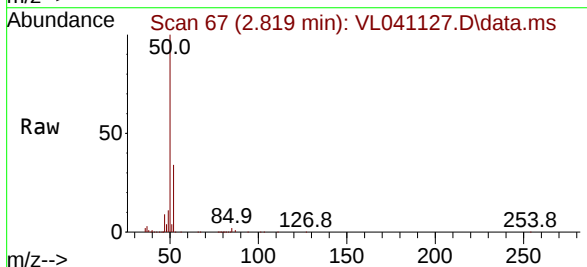
Tgt Ion: 51 Resp: 210061
Ion Ratio Lower Upper
51 100
67 18.3 14.9 22.3

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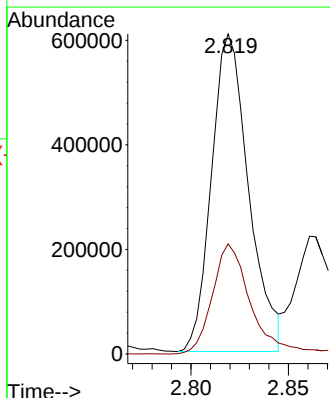
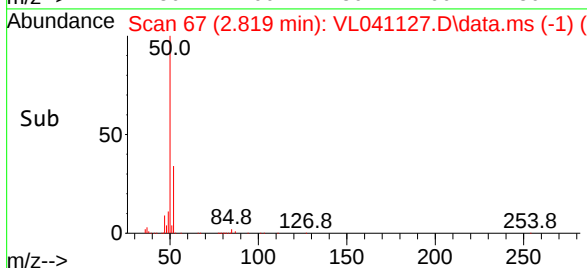
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

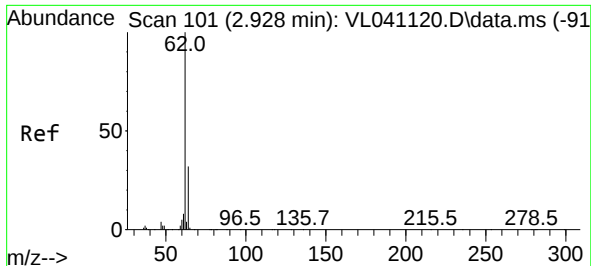


#4
Chloromethane
Concen: 9.229 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



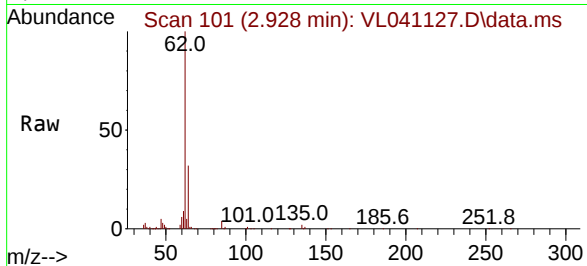
Tgt Ion: 50 Resp: 805807
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0





#5
 Vinyl Chloride
 Concen: 10.019 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

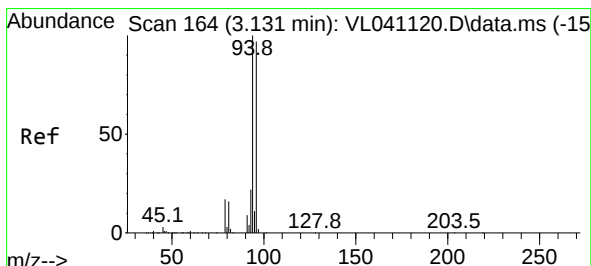
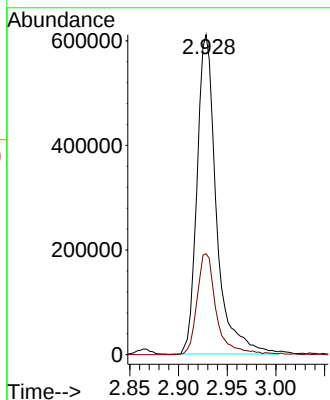
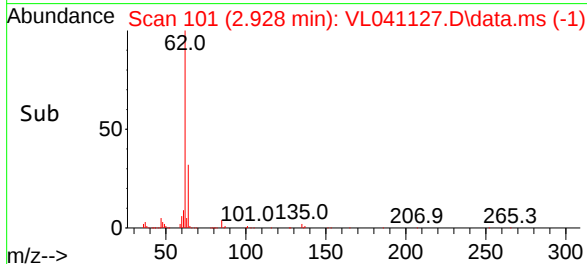
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



Tgt Ion: 62 Resp: 845082
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.6 38.4

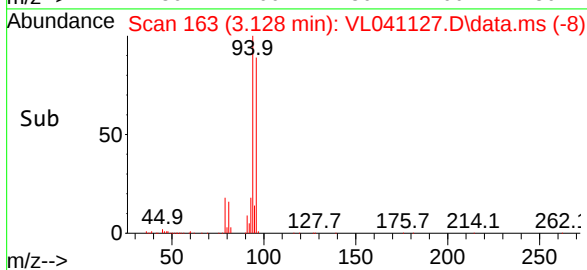
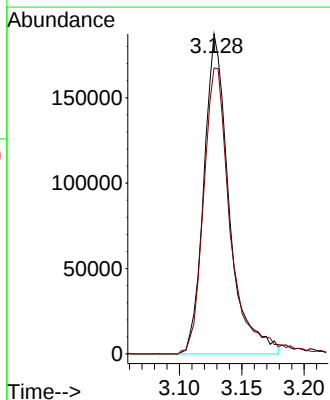
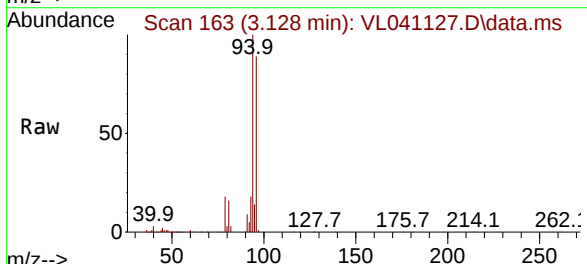
Manual Integrations
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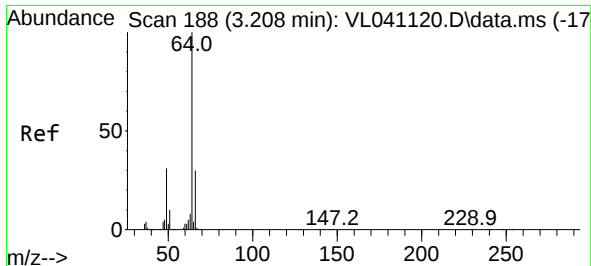
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#6
 Bromomethane
 Concen: 8.299 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

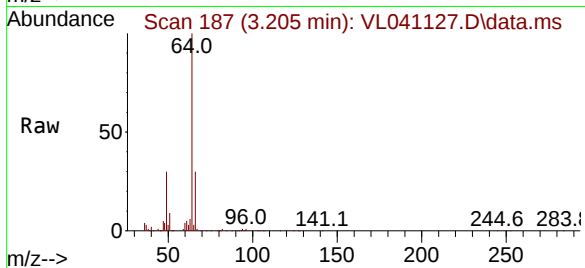
Tgt Ion: 94 Resp: 263492
 Ion Ratio Lower Upper
 94 100
 96 89.3 77.9 116.9





#7
Chloroethane
Concen: 9.379 ppbv
RT: 3.205 min Scan# 188
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

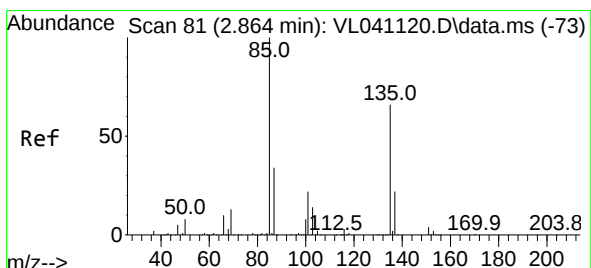
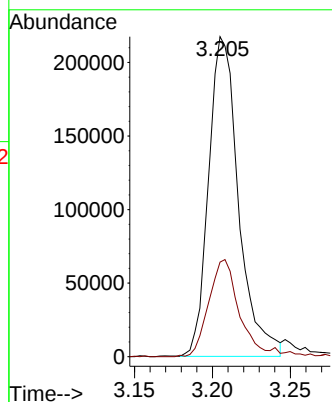
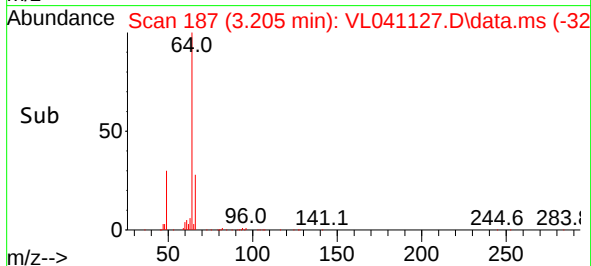
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



Tgt Ion: 64 Resp: 290333
Ion Ratio Lower Upper
64 100
66 29.5 24.2 36.4

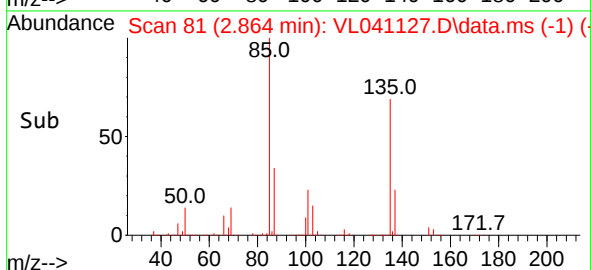
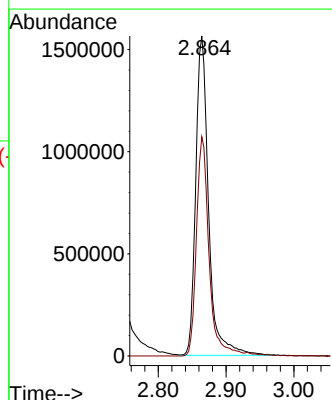
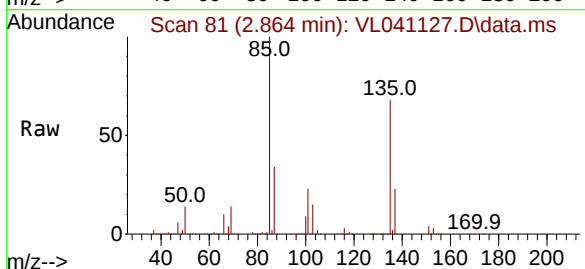
Manual Integrations
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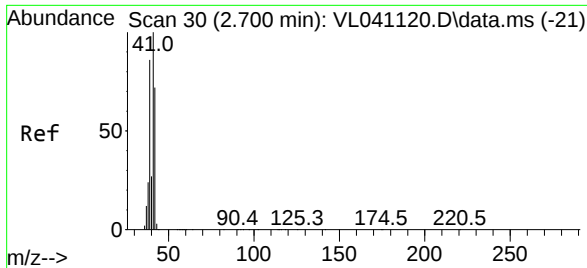
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 9.419 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

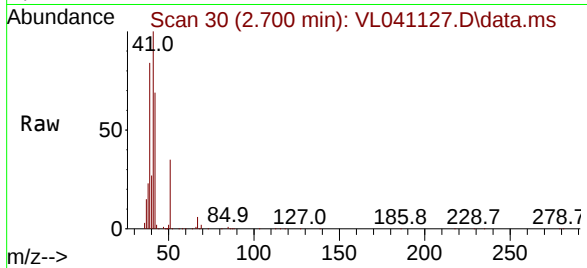
Tgt Ion: 85 Resp: 2058829
Ion Ratio Lower Upper
85 100
135 68.2 54.2 81.2





#9
 Propene
 Concen: 9.604 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

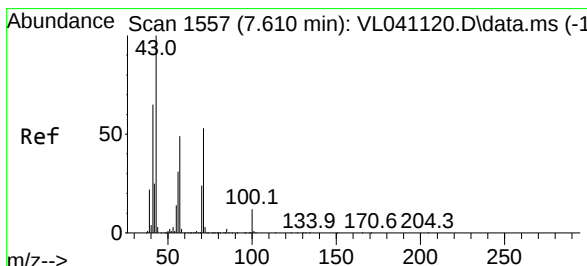
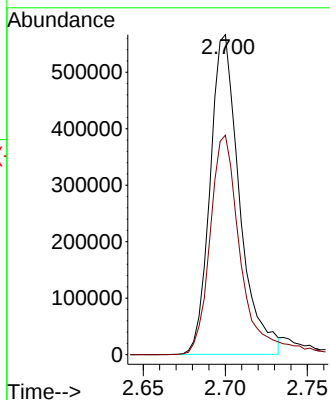
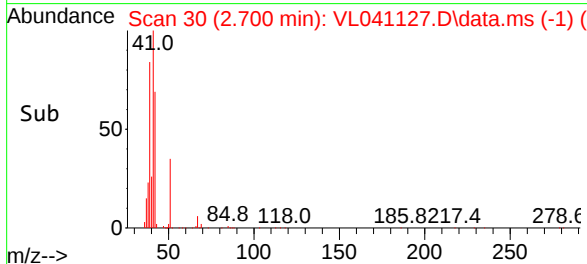
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



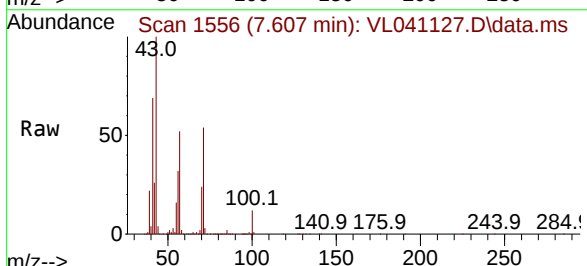
Tgt Ion: 41 Resp: 704910
 Ion Ratio Lower Upper
 41 100
 42 72.9 60.1 90.1

Manual Integrations
 APPROVED

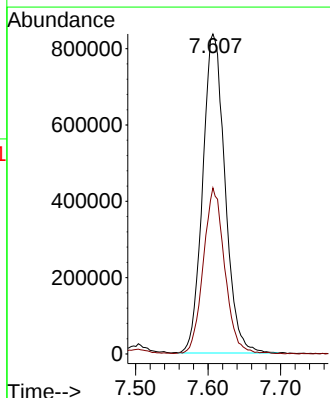
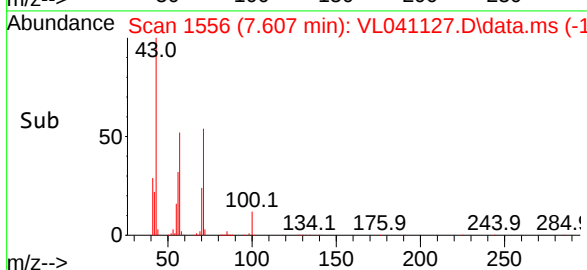
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

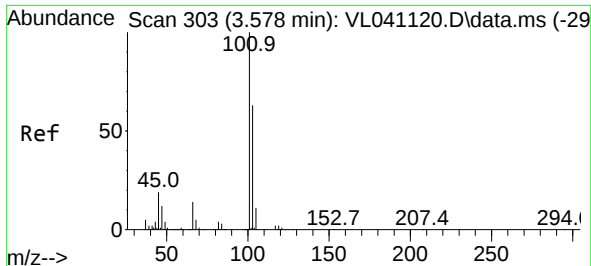


#10
 Heptane
 Concen: 10.237 ppbv
 RT: 7.607 min Scan# 1556
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19



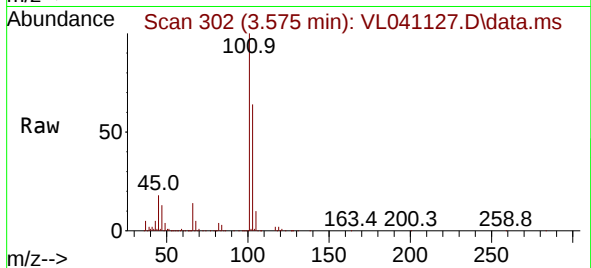
Tgt Ion: 43 Resp: 1783955
 Ion Ratio Lower Upper
 43 100
 57 50.2 39.9 59.9





#11
Trichlorofluoromethane
Concen: 9.105 ppbv
RT: 3.575 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

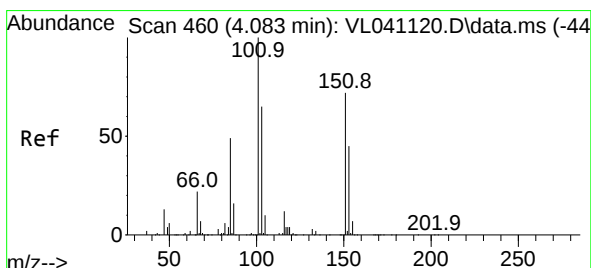
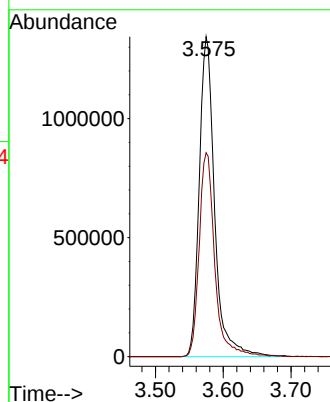
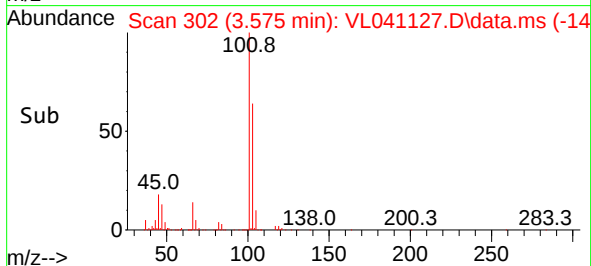
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion:101 Resp: 211569
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

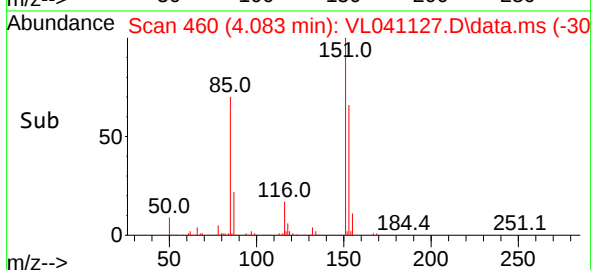
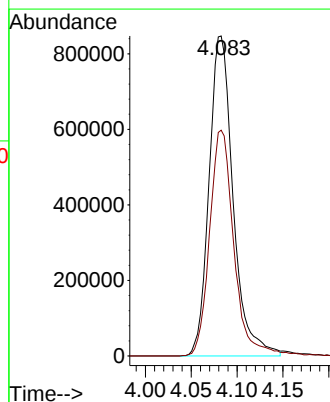
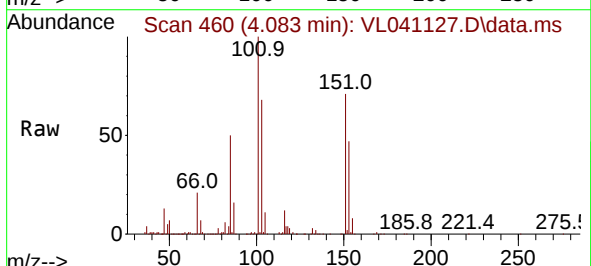
Manual Integrations
APPROVED

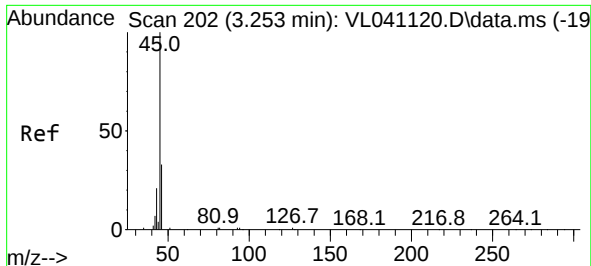
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.187 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

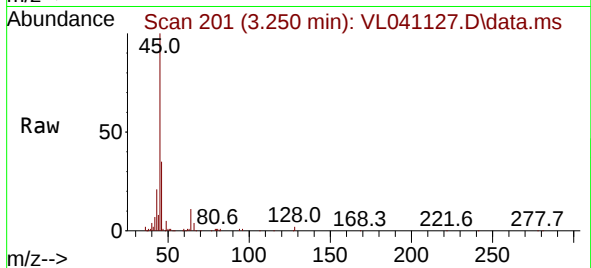
Tgt Ion:101 Resp: 1545174
Ion Ratio Lower Upper
101 100
151 71.7 56.2 84.4





#13
Ethanol
Concen: 8.820 ppbv
RT: 3.250 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

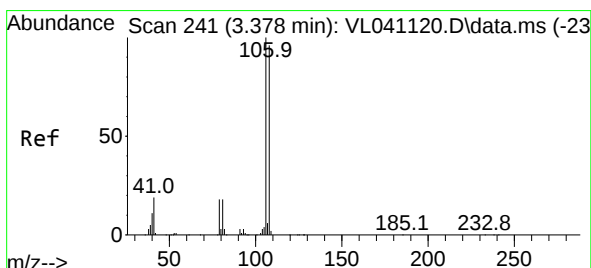
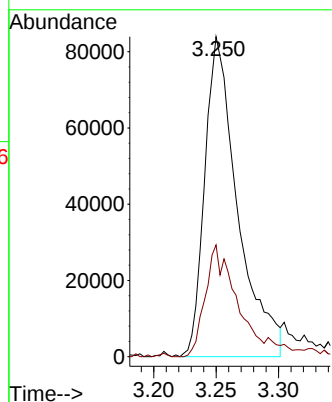
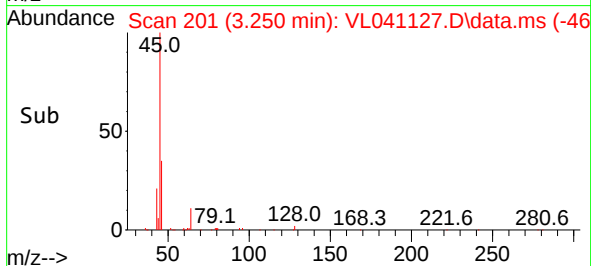
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



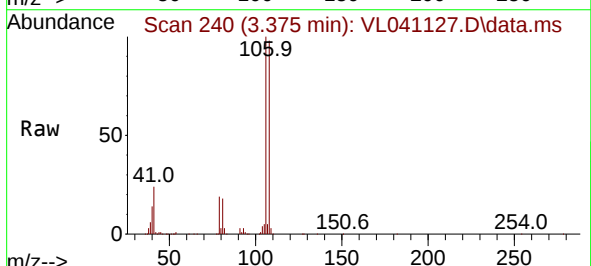
Tgt Ion: 45 Resp: 15398
Ion Ratio Lower Upper
45 100
46 37.8 15.0 59.8

Manual Integrations
APPROVED

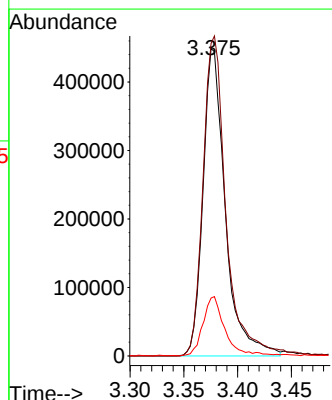
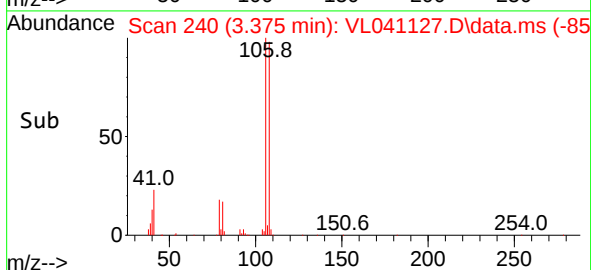
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

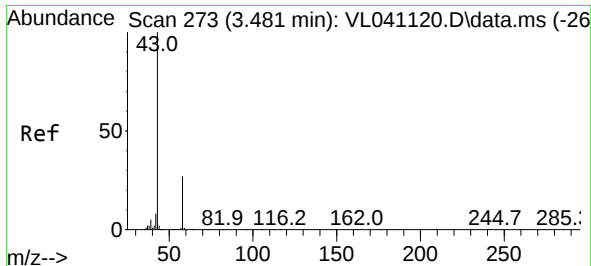


#14
Bromoethene
Concen: 9.805 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



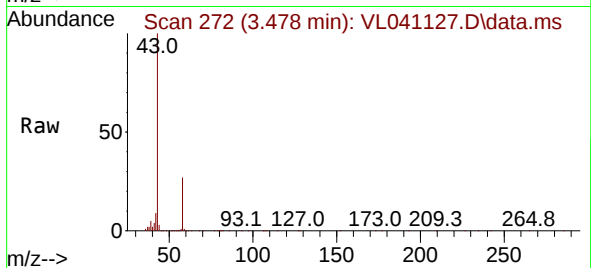
Tgt Ion:108 Resp: 649546
Ion Ratio Lower Upper
108 100
106 108.3 86.0 129.0
79 19.7 15.4 23.2





#15
Acetone
Concen: 9.591 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

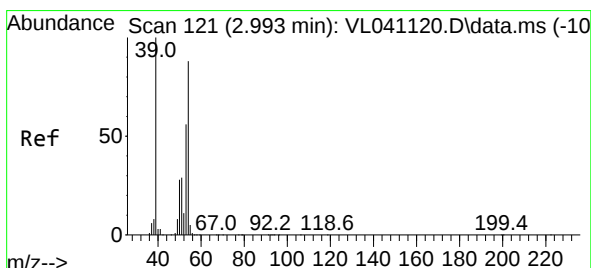
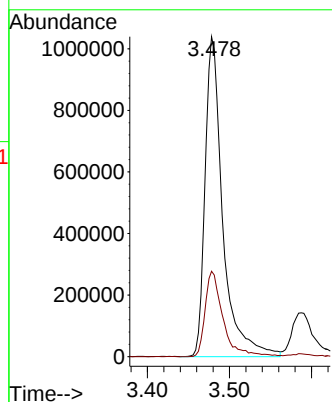
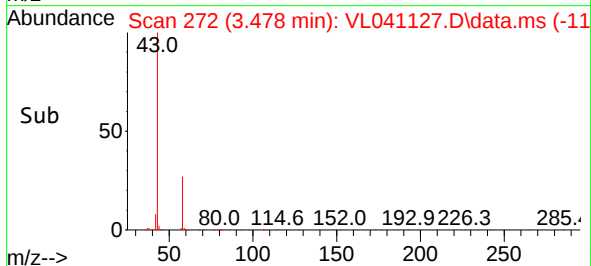
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



Tgt Ion: 43 Resp: 1555692
Ion Ratio Lower Upper
43 100
58 27.0 21.1 31.7

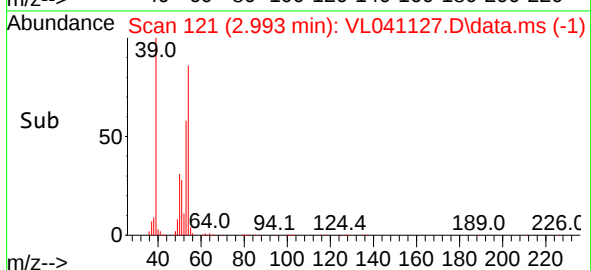
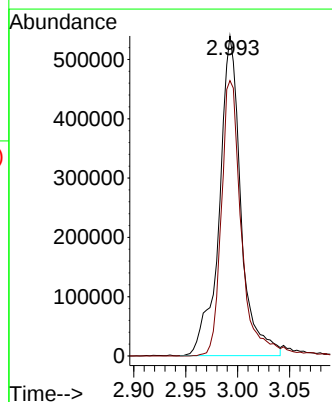
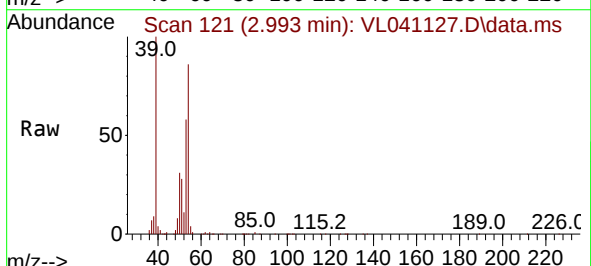
Manual Integrations
APPROVED

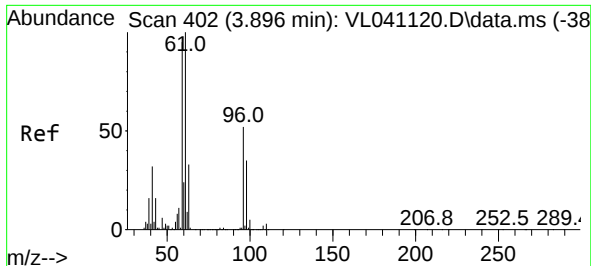
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#16
1,3-Butadiene
Concen: 9.869 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 39 Resp: 785842
Ion Ratio Lower Upper
39 100
54 81.0 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.521 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion: 59 Resp: 154556

Ion Ratio Lower Upper

59 100

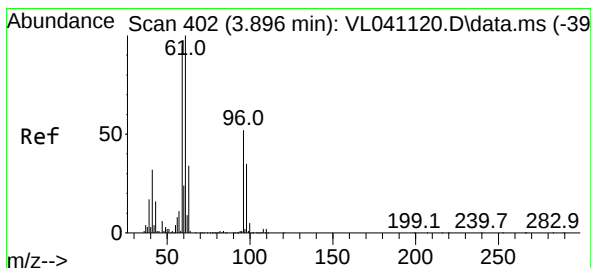
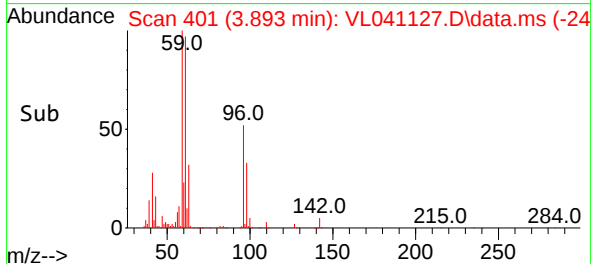
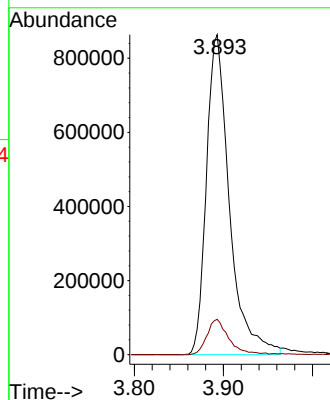
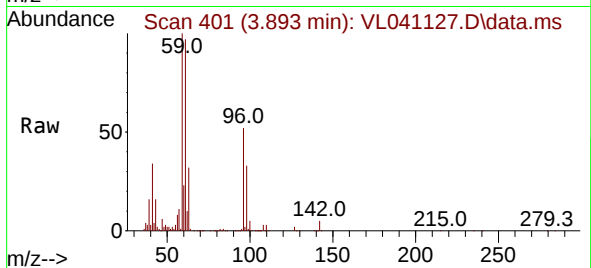
57 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#18

1,1-Dichloroethene

Concen: 9.784 ppbv

RT: 3.893 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

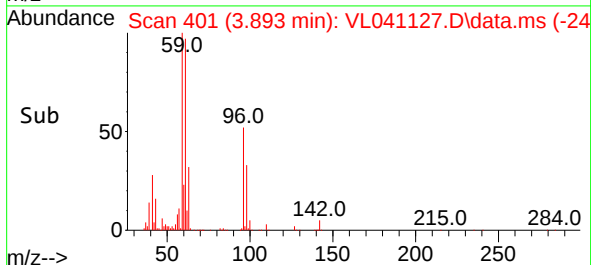
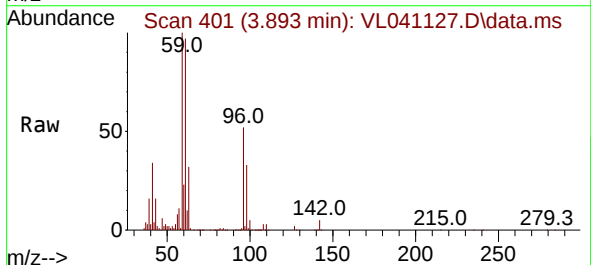
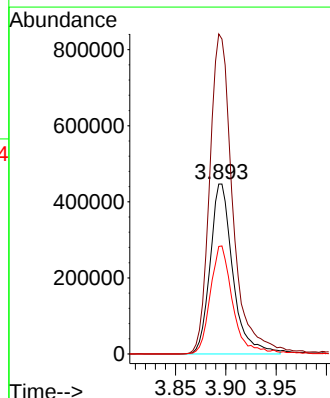
Tgt Ion: 96 Resp: 702506

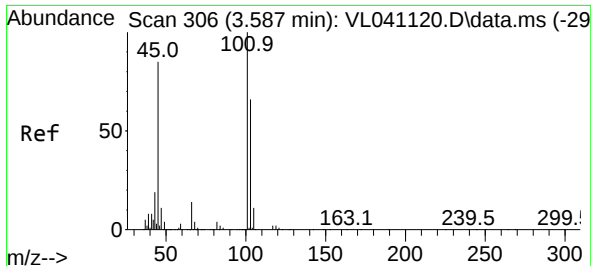
Ion Ratio Lower Upper

96 100

61 188.3 152.6 228.8

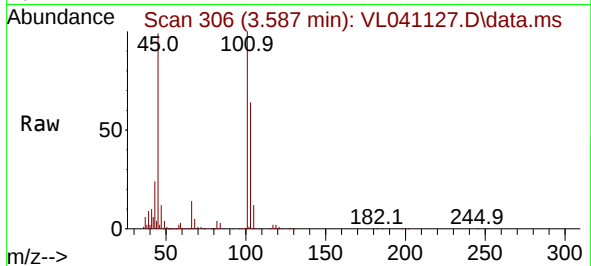
98 63.2 54.0 81.0





#19
Isopropyl Alcohol
Concen: 10.633 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

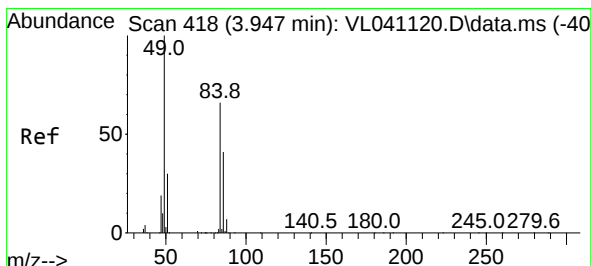
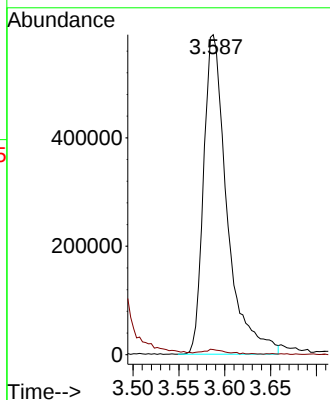
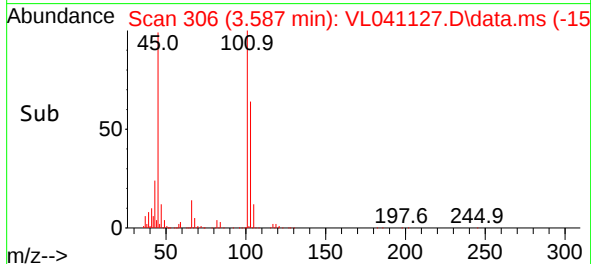
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



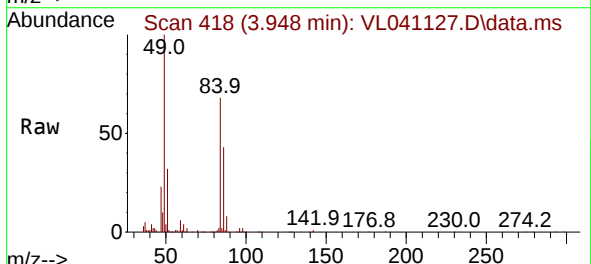
Tgt Ion: 45 Resp: 1047790
Ion Ratio Lower Upper
45 100
58 1.6 2.8 4.2

Manual Integrations
APPROVED

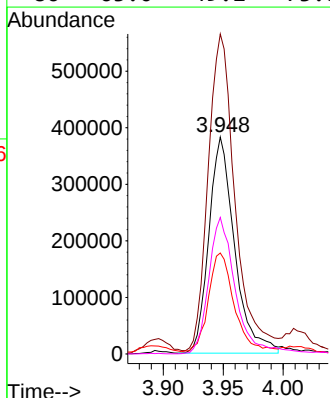
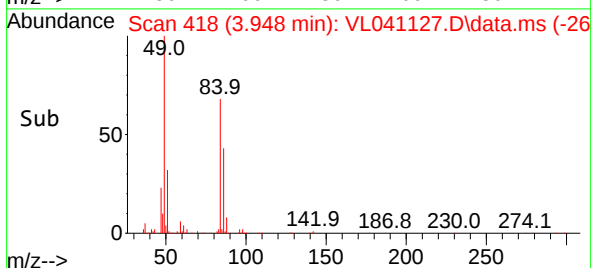
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

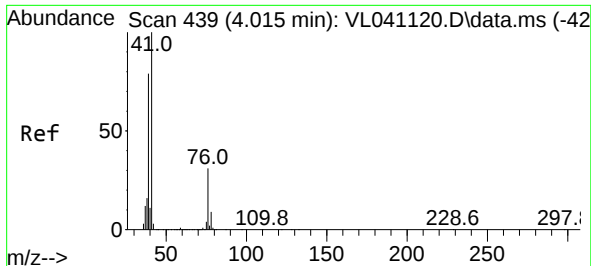


#20
Methylene Chloride
Concen: 8.558 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



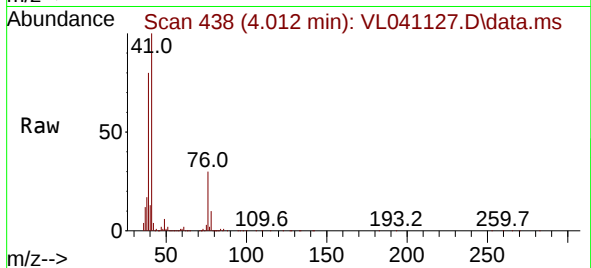
Tgt Ion: 84 Resp: 572512
Ion Ratio Lower Upper
84 100
49 145.8 120.7 181.1
51 45.2 36.6 54.8
86 63.0 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.800 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

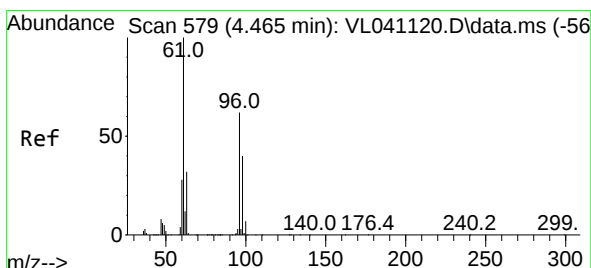
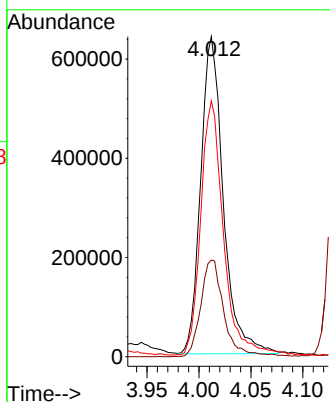
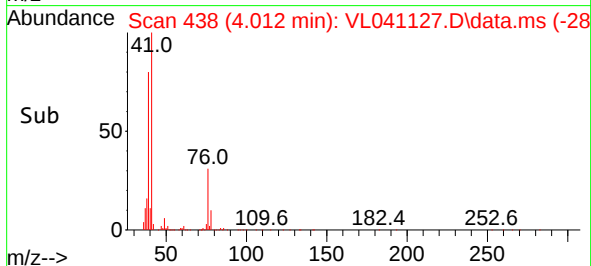
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



Tgt Ion: 41 Resp: 968528
 Ion Ratio Lower Upper
 41 100
 76 31.1 25.7 38.5
 39 81.1 65.7 98.5

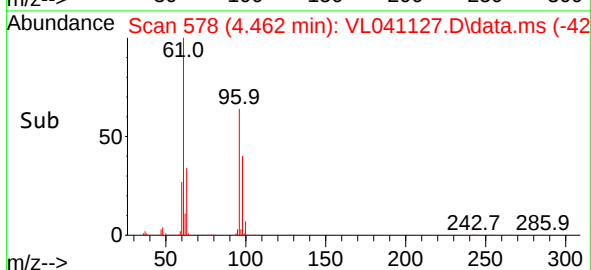
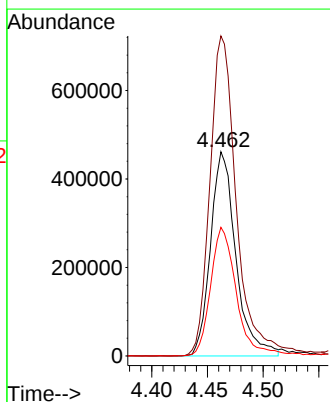
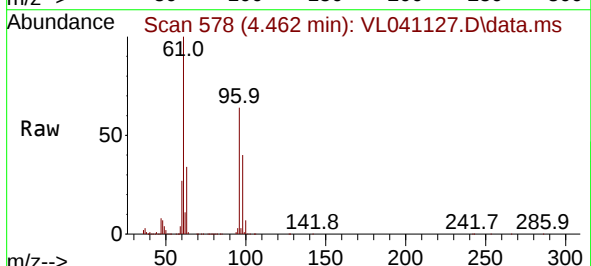
Manual Integrations
 APPROVED

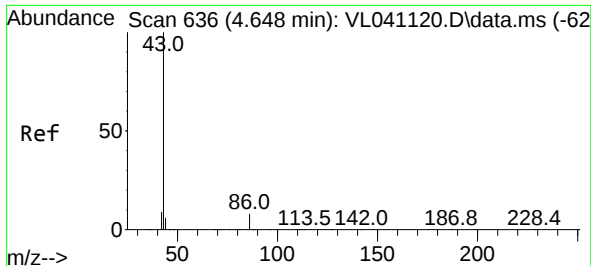
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.729 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

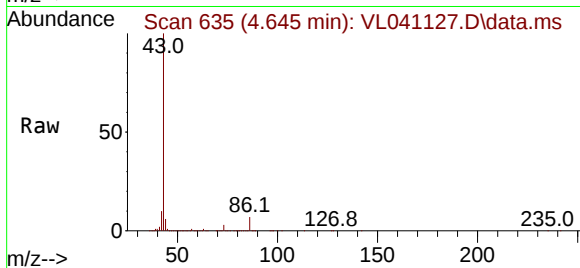
Tgt Ion: 96 Resp: 732356
 Ion Ratio Lower Upper
 96 100
 61 156.7 128.4 192.6
 98 63.0 51.5 77.3





#23
 Vinyl Acetate
 Concen: 10.738 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

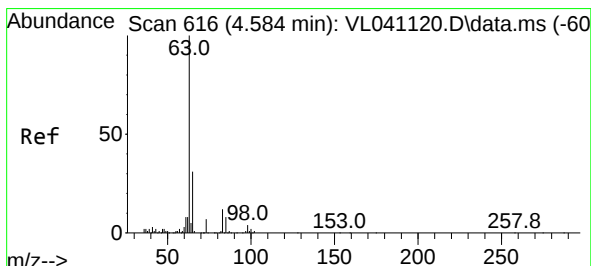
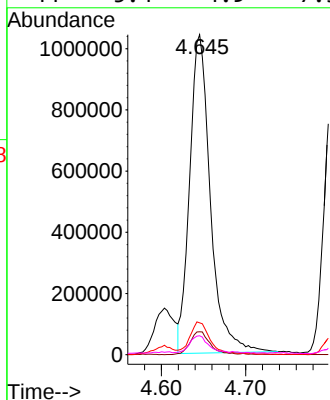
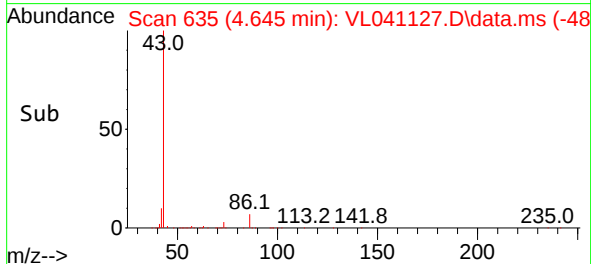
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



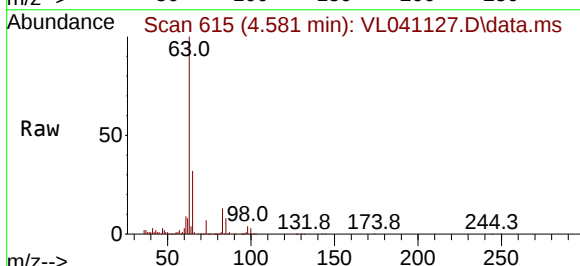
Tgt Ion: 43 Resp: 177930
 Ion Ratio Lower Upper
 43 100
 86 7.1 6.2 9.4
 42 10.0 7.7 11.5
 44 5.4 4.9 7.3

Manual Integrations
 APPROVED

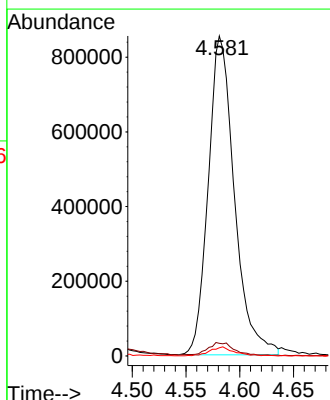
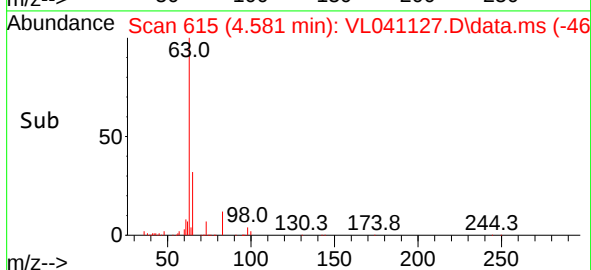
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

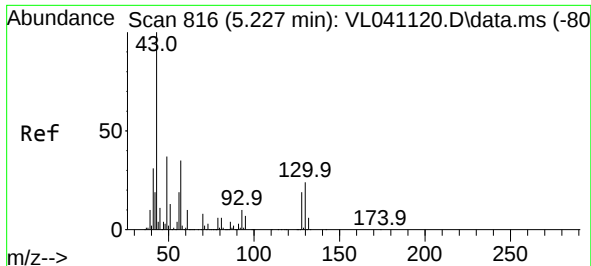


#24
 1,1-Dichloroethane
 Concen: 9.576 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19



Tgt Ion: 63 Resp: 1443807
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.3
 100 2.6 1.1 3.3





#25

Ethyl Acetate

Concen: 9.766 ppbv

RT: 5.224 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041127.D

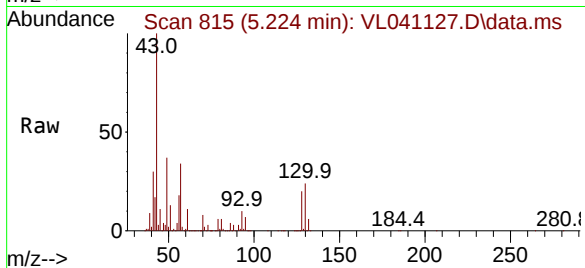
Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424



Tgt Ion: 43 Resp: 297488

Ion Ratio Lower Upper

43 100

45 10.7 8.0 12.0

61 10.2 7.8 11.6

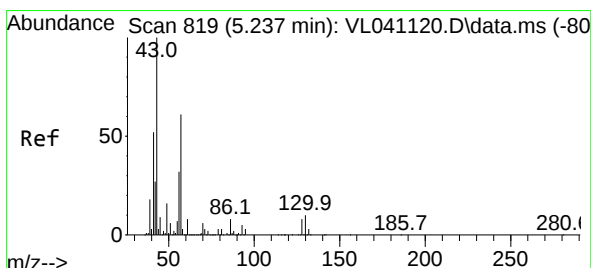
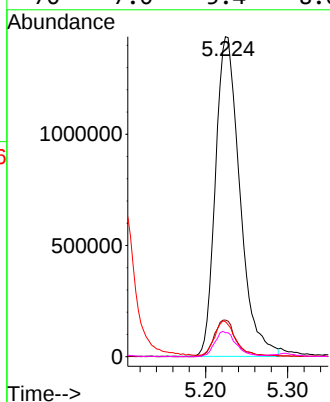
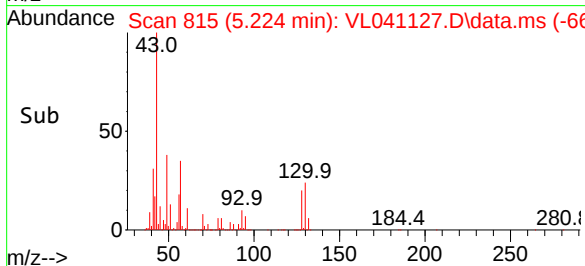
70 7.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#26

Hexane

Concen: 9.575 ppbv

RT: 5.234 min Scan# 818

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 57 Resp: 1308751

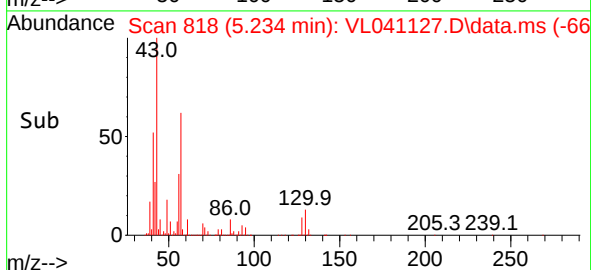
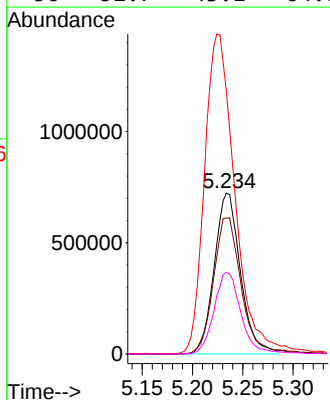
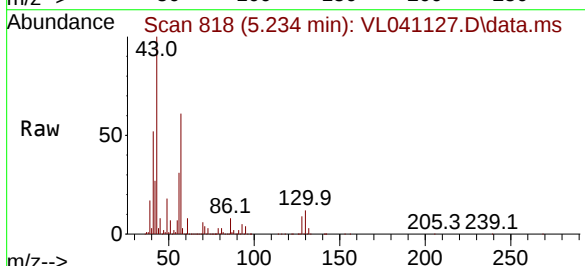
Ion Ratio Lower Upper

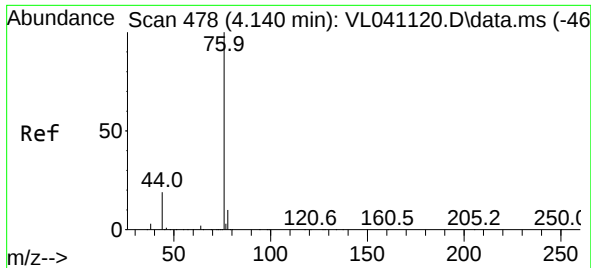
57 100

41 90.6 73.8 110.8

43 232.4 186.2 279.2

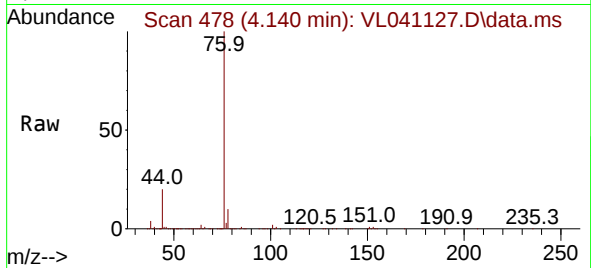
56 52.7 43.1 64.7





#27
Carbon Disulfide
Concen: 10.496 ppbv
RT: 4.140 min Scan# 478
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

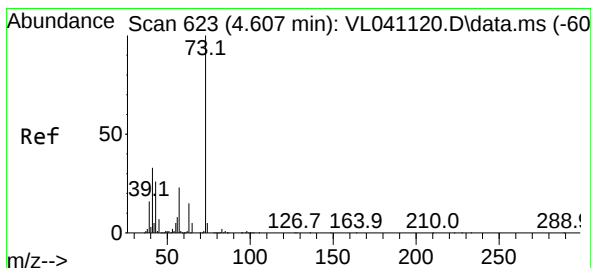
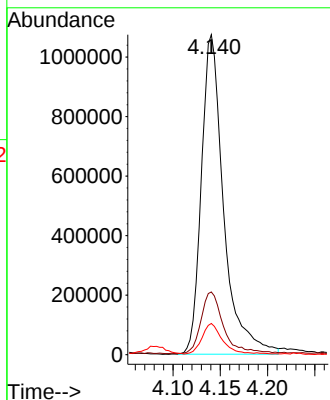
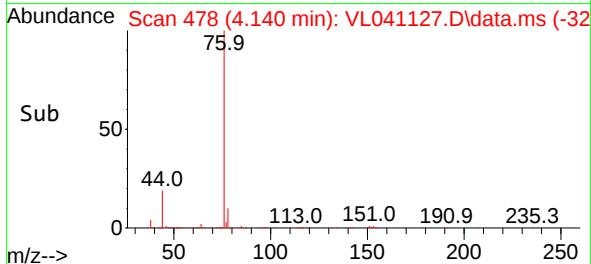
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



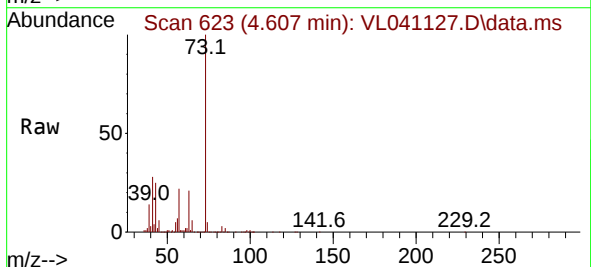
Tgt Ion: 76 Resp: 1757828
Ion Ratio Lower Upper
76 100
44 20.0 16.3 24.5
78 9.4 7.9 11.9

Manual Integrations
APPROVED

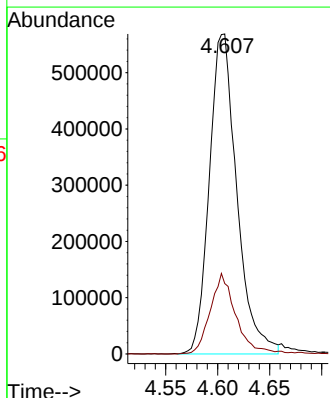
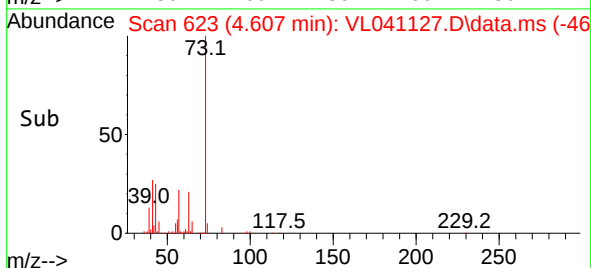
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

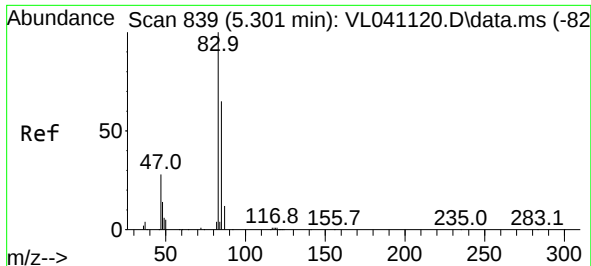


#28
Methyl tert-Butyl Ether
Concen: 10.170 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



Tgt Ion: 73 Resp: 1048983
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





#29

Chloroform

Concen: 9.458 ppbv

RT: 5.295 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041127.D

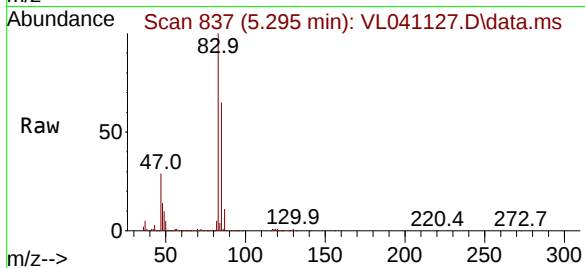
Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424



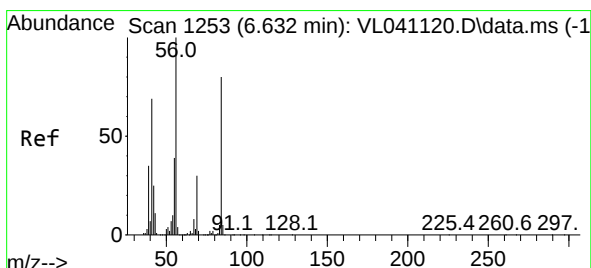
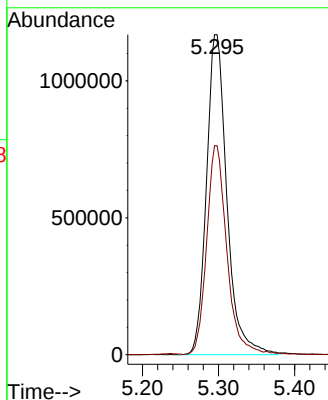
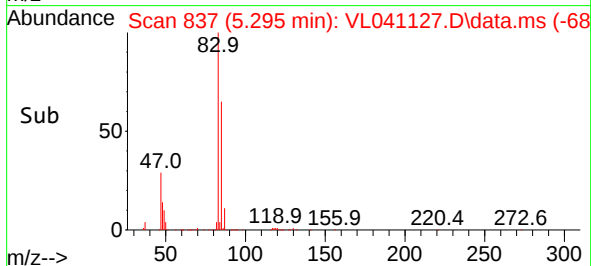
Tgt Ion: 83 Resp: 2179390

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 10.265 ppbv

RT: 6.629 min Scan# 1252

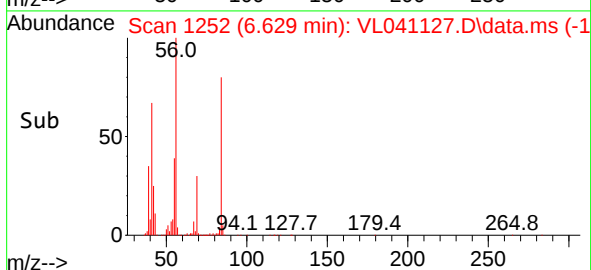
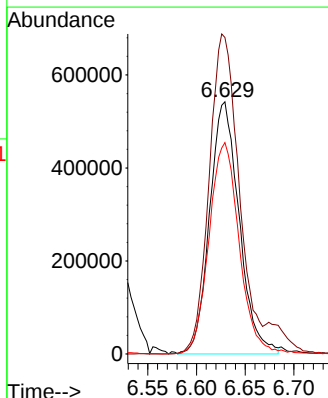
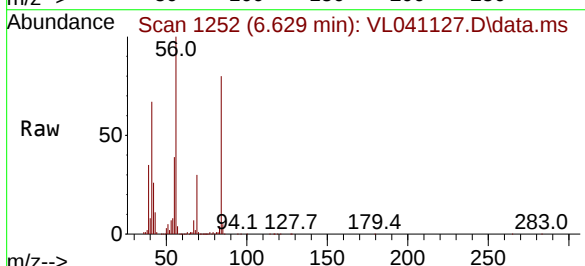
Delta R.T. -0.003 min

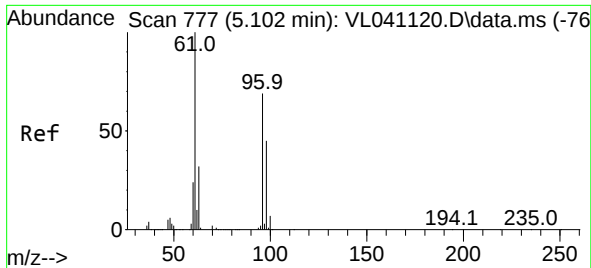
Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 84 Resp: 1142933

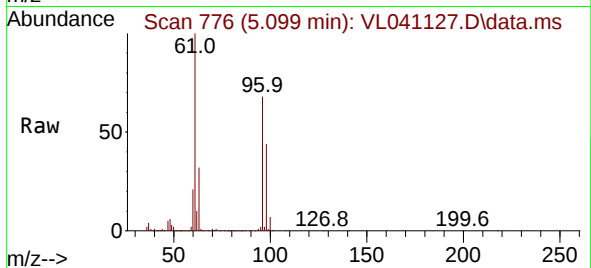
Ion	Ratio	Lower	Upper
84	100		
56	137.2	111.9	167.9
41	85.6	71.0	106.6





#31
cis-1,2-Dichloroethene
Concen: 9.926 ppbv
RT: 5.099 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

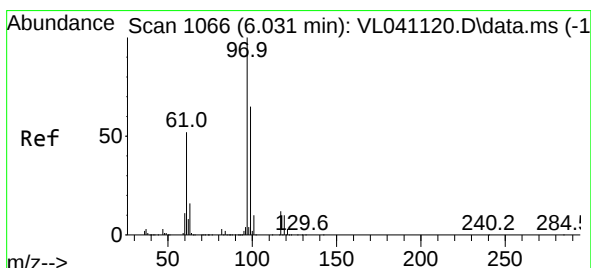
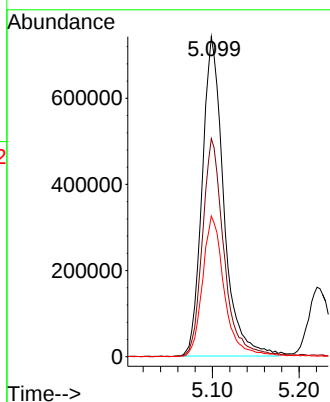
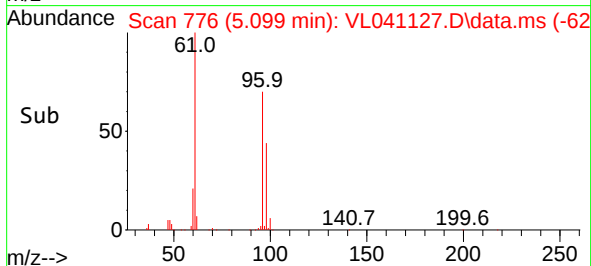
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



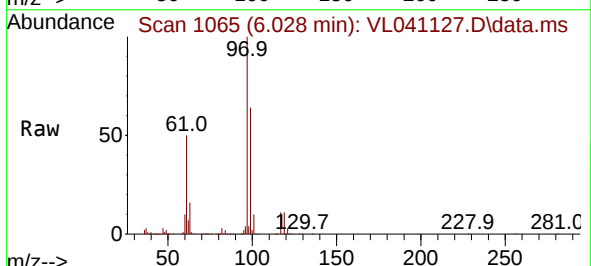
Tgt Ion: 61 Resp: 128414
Ion Ratio Lower Upper
61 100
96 68.1 54.9 82.3
98 44.0 35.9 53.9

Manual Integrations
APPROVED

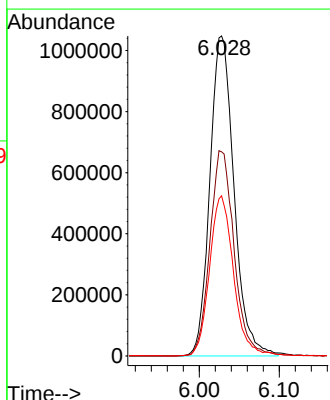
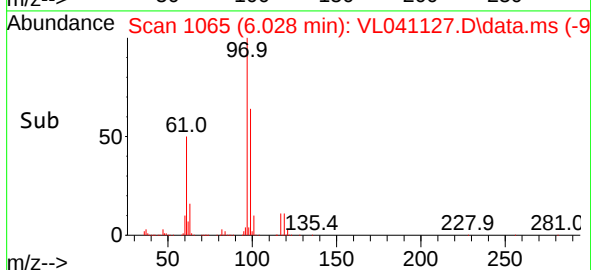
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

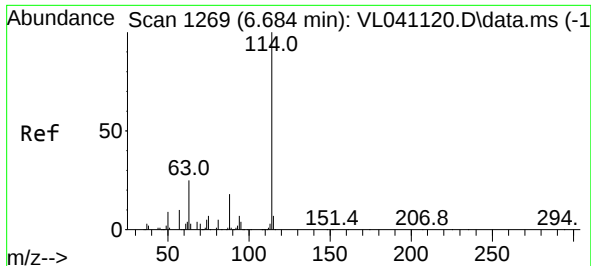


#32
1,1,1-Trichloroethane
Concen: 10.324 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



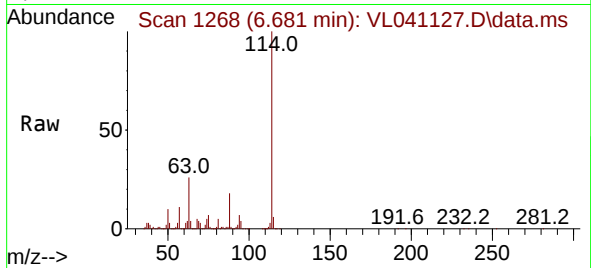
Tgt Ion: 97 Resp: 2199032
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 49.9 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

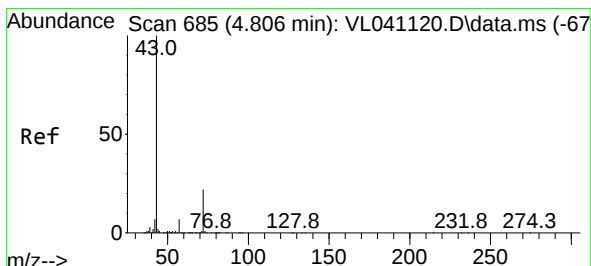
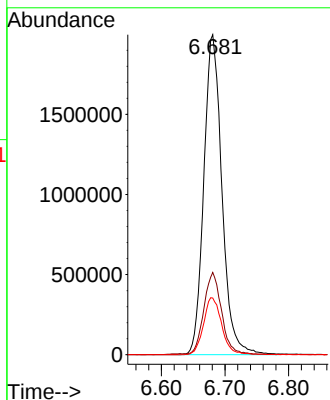
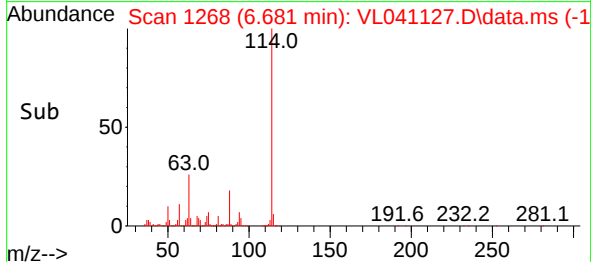
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



Tgt Ion:114 Resp: 395496
Ion Ratio Lower Upper
114 100
63 25.7 20.9 31.3
88 17.9 14.5 21.7

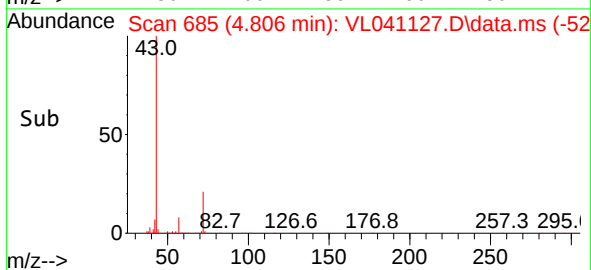
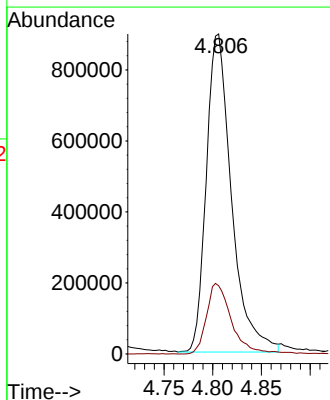
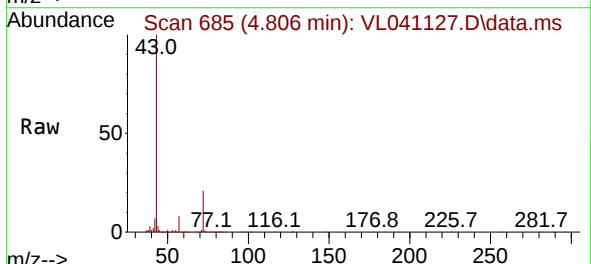
Manual Integrations
APPROVED

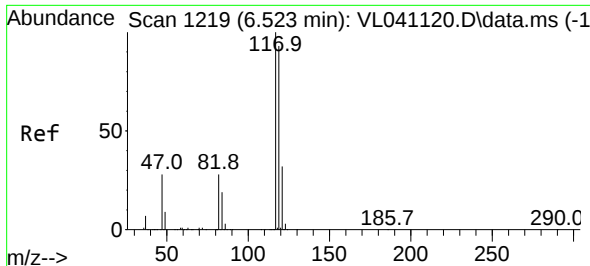
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#34
2-Butanone
Concen: 9.647 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

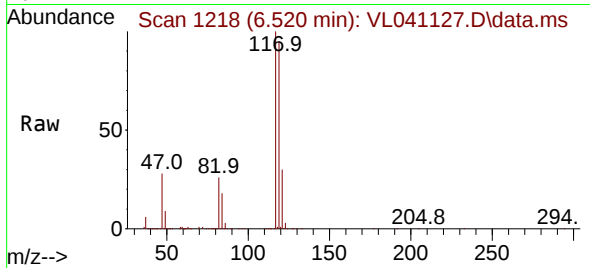
Tgt Ion: 43 Resp: 1614595
Ion Ratio Lower Upper
43 100
72 22.4 17.6 26.4





#35
Carbon Tetrachloride
Concen: 10.233 ppbv
RT: 6.520 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

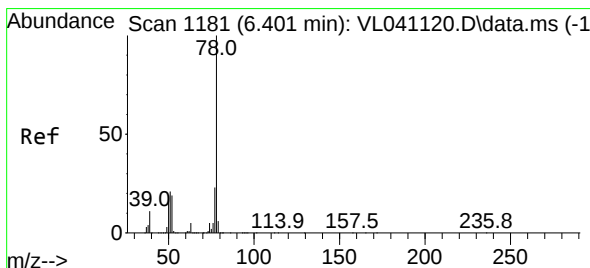
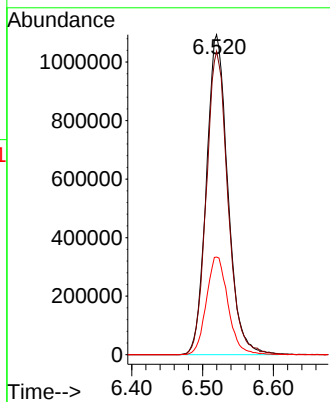
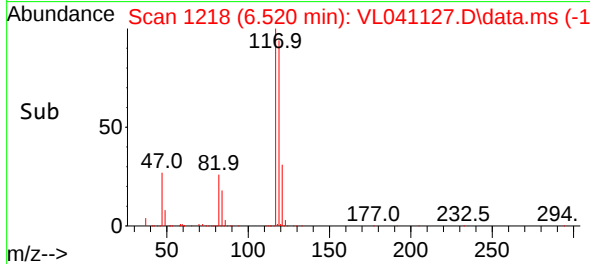
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion:117 Resp: 230421
Ion Ratio Lower Upper
117 100
119 94.8 74.2 111.4
121 30.5 25.4 38.2

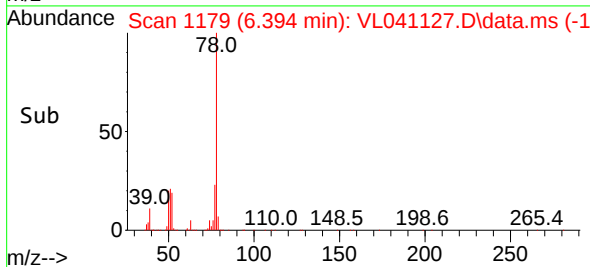
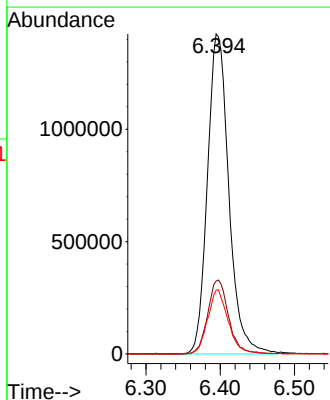
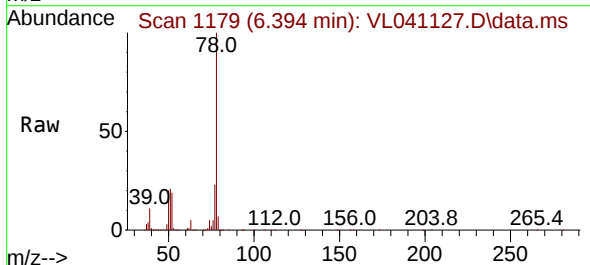
Manual Integrations
APPROVED

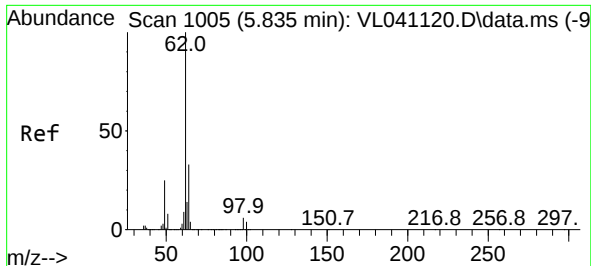
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#36
Benzene
Concen: 9.810 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

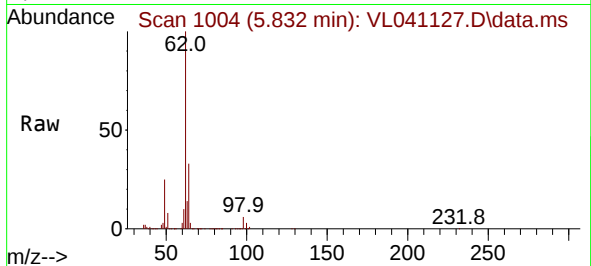
Tgt Ion: 78 Resp: 2849115
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
50 19.9 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.476 ppbv
RT: 5.832 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

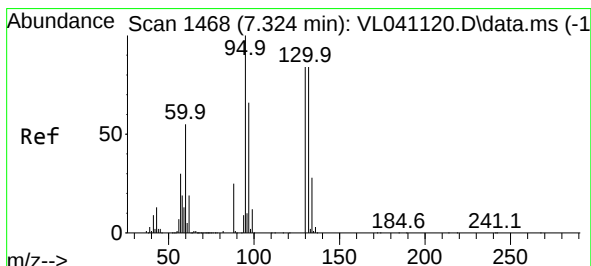
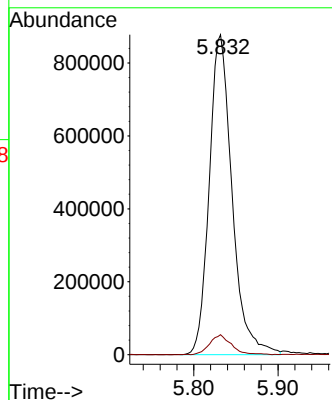
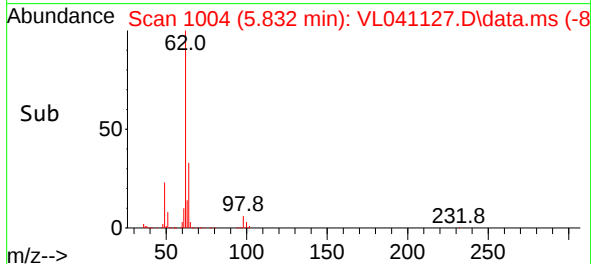
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



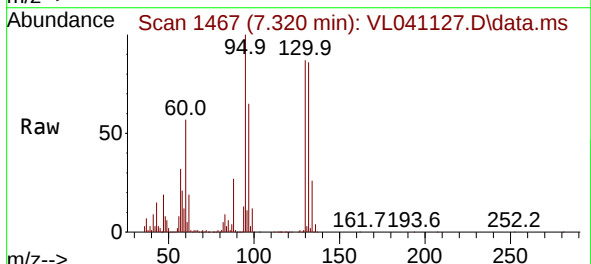
Tgt Ion: 62 Resp: 1652430
Ion Ratio Lower Upper
62 100
98 6.0 4.6 7.0

Manual Integrations
APPROVED

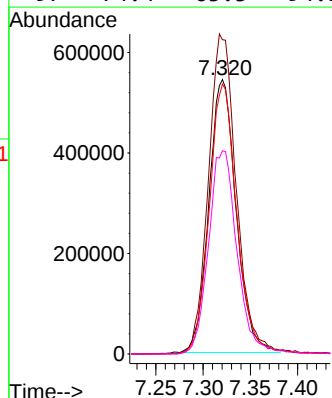
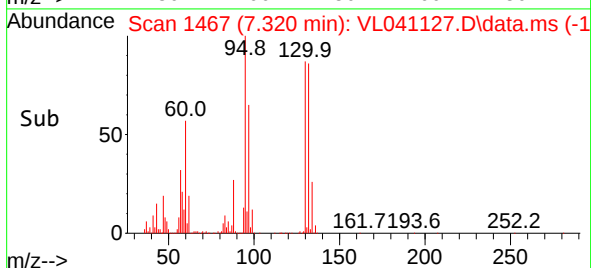
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

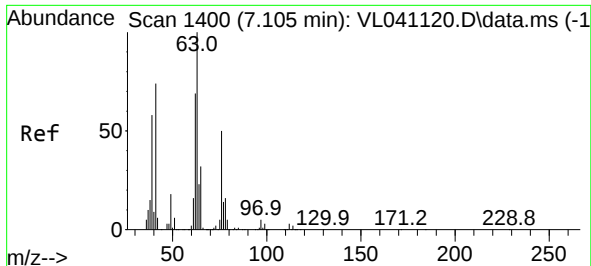


#38
Trichloroethene
Concen: 10.385 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



Tgt Ion:130 Resp: 1089698
Ion Ratio Lower Upper
130 100
95 114.7 95.4 143.0
132 98.6 80.0 120.0
97 74.4 63.3 94.9





#39

1,2-Dichloropropane

Concen: 9.587 ppbv

RT: 7.099 min Scan# 1400

Delta R.T. -0.006 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion: 63 Resp: 109786

Ion Ratio Lower Upper

63 100

41 73.0 58.7 88.1

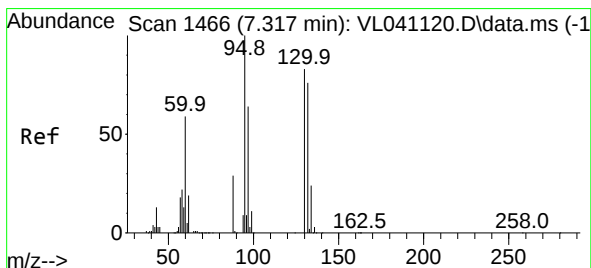
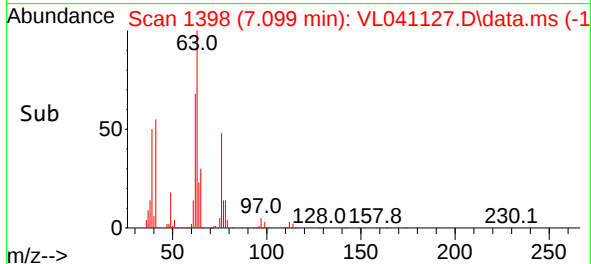
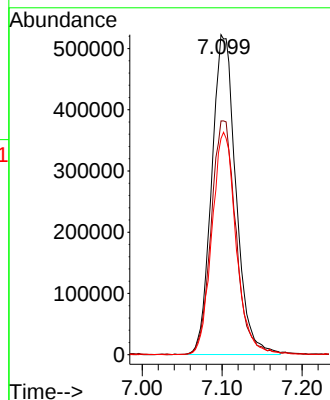
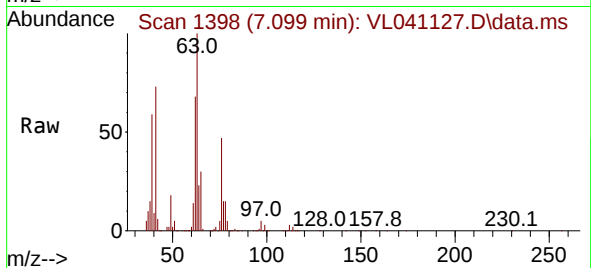
62 67.5 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#40

1,4-Dioxane

Concen: 10.639 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Tgt Ion: 88 Resp: 424610

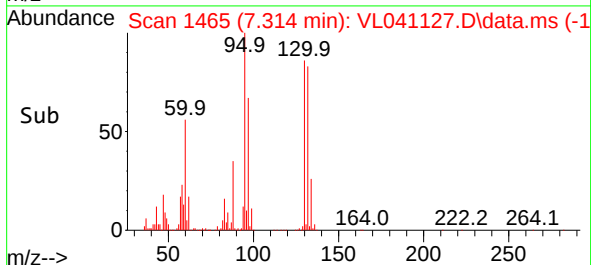
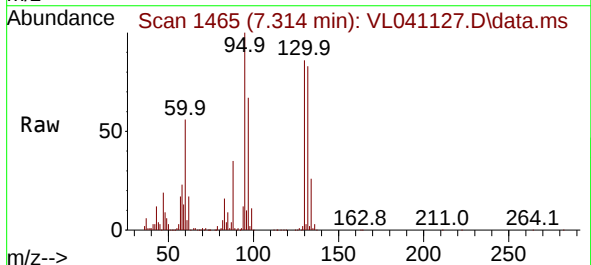
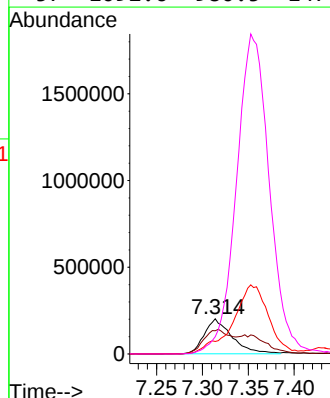
Ion Ratio Lower Upper

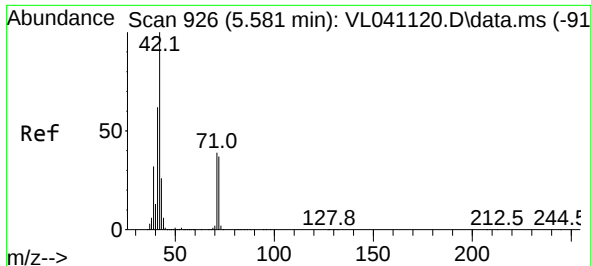
88 100

58 126.6 107.8 161.6

43 256.9 223.8 335.6

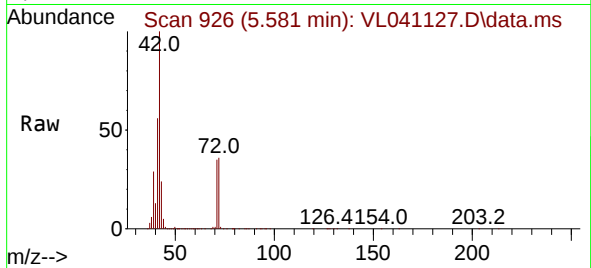
57 1092.6 980.5 1470.7





#41
Tetrahydrofuran
Concen: 10.627 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

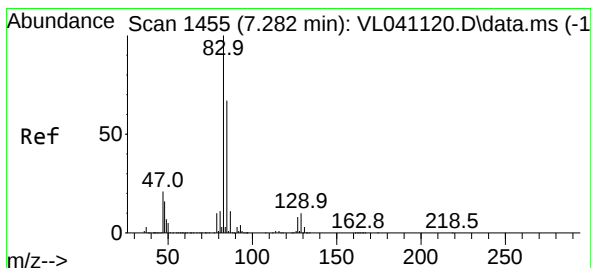
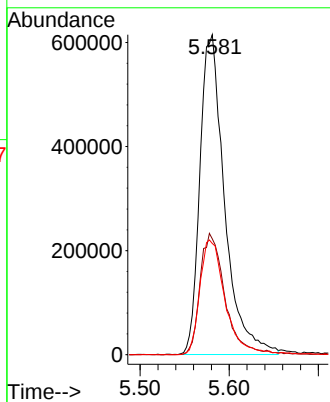
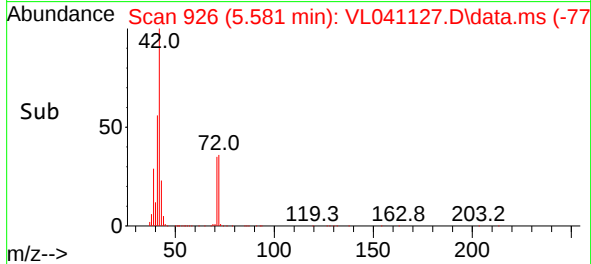
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion: 42 Resp: 1184174
Ion Ratio Lower Upper
42 100
72 38.6 31.2 46.8
71 37.3 29.9 44.9

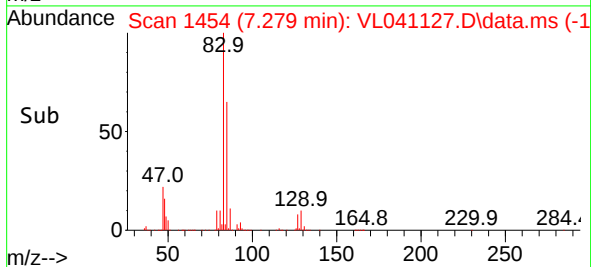
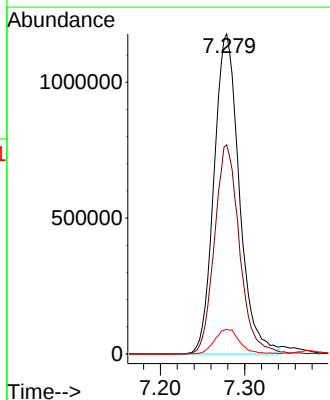
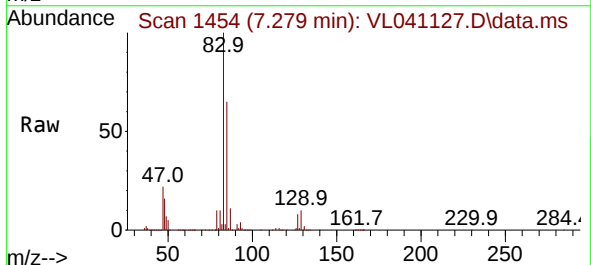
Manual Integrations
APPROVED

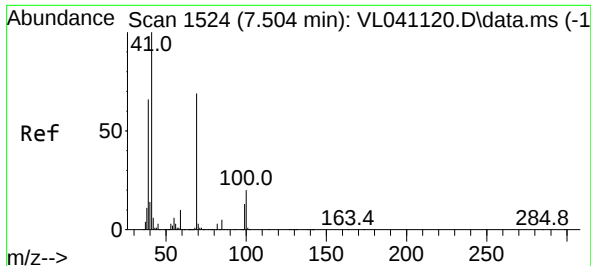
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#42
Bromodichloromethane
Concen: 9.836 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

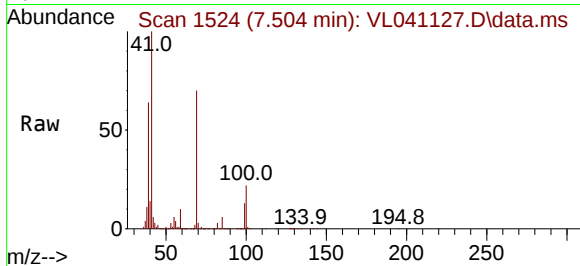
Tgt Ion: 83 Resp: 2450442
Ion Ratio Lower Upper
83 100
85 65.3 53.5 80.3
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.706 ppbv
RT: 7.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

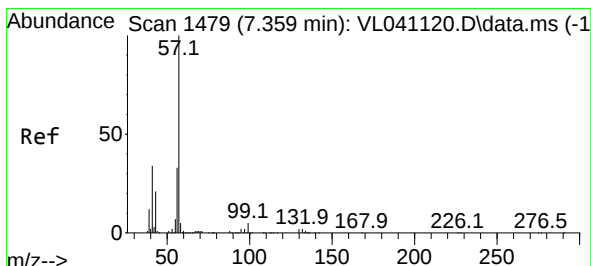
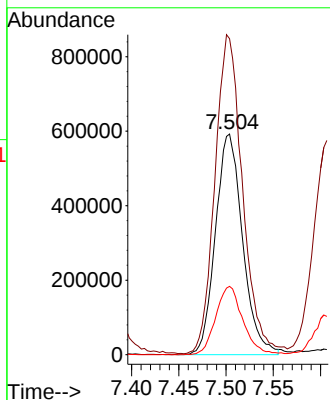
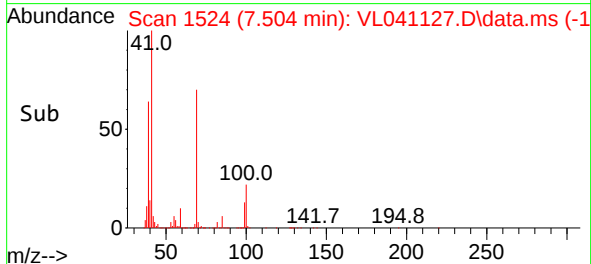
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion: 69 Resp: 118438
Ion Ratio Lower Upper
69 100
41 148.0 119.2 178.8
100 31.0 24.6 37.0

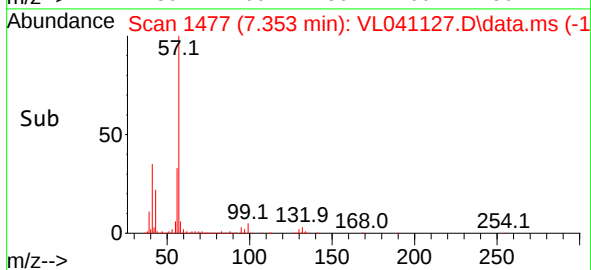
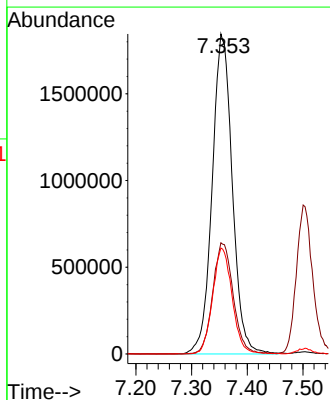
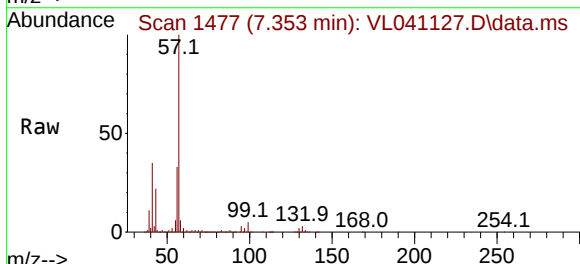
Manual Integrations
APPROVED

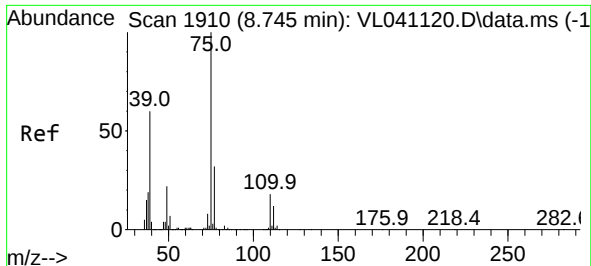
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 9.640 ppbv
RT: 7.353 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

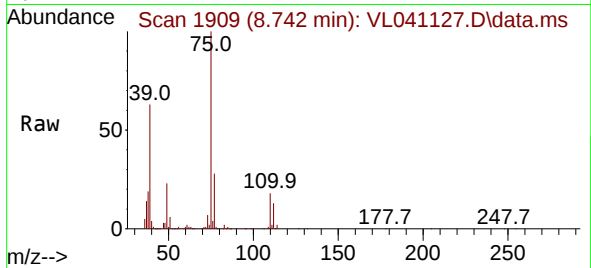
Tgt Ion: 57 Resp: 4635170
Ion Ratio Lower Upper
57 100
41 35.3 28.2 42.2
56 32.2 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 9.791 ppbv
RT: 8.742 min Scan# 1910
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

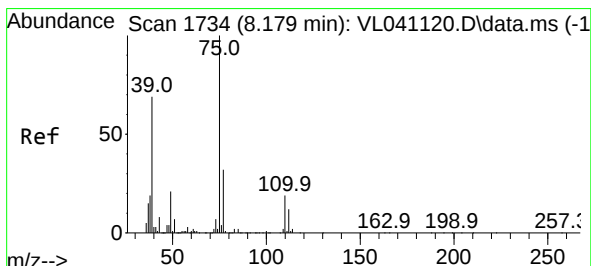
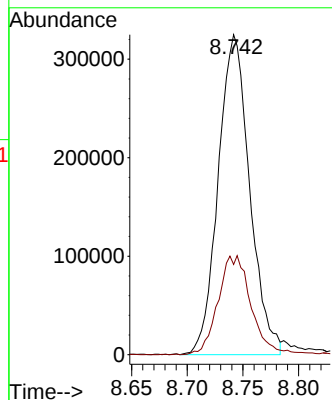
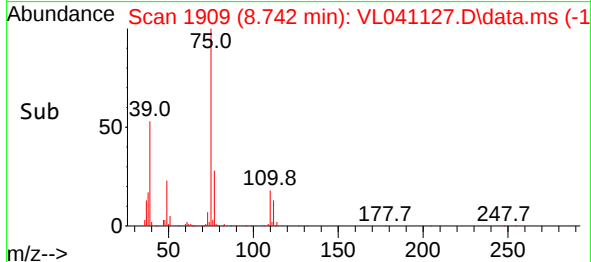
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



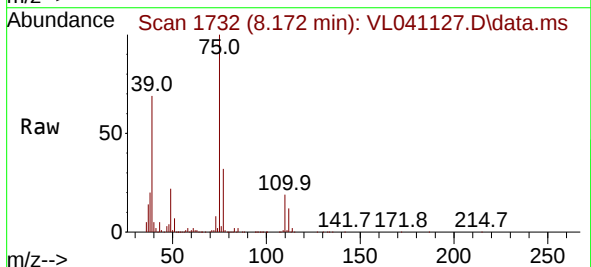
Tgt Ion: 75 Resp: 638294
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.2

Manual Integrations
APPROVED

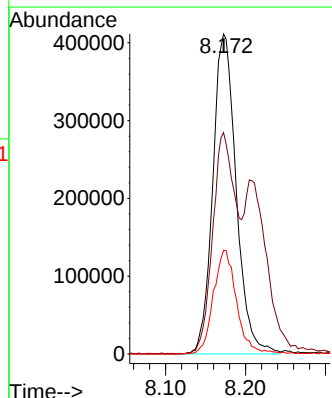
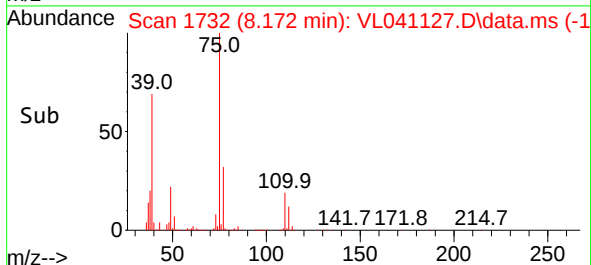
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

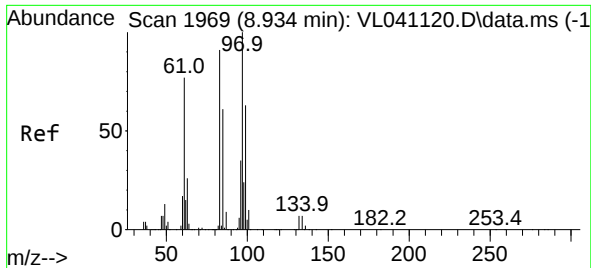


#46
cis-1,3-Dichloropropene
Concen: 9.902 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



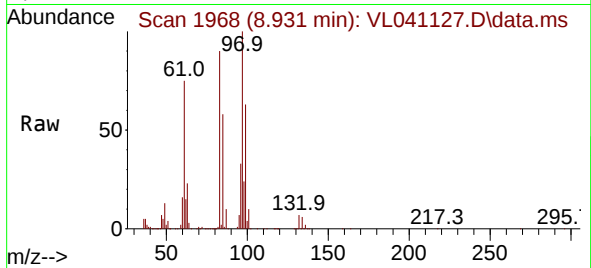
Tgt Ion: 75 Resp: 835217
Ion Ratio Lower Upper
75 100
39 69.0 55.1 82.7
77 32.4 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 9.585 ppbv
RT: 8.931 min Scan# 1969
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

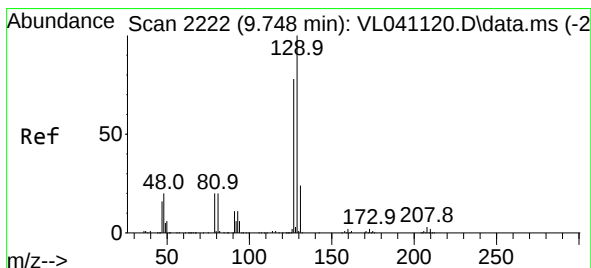
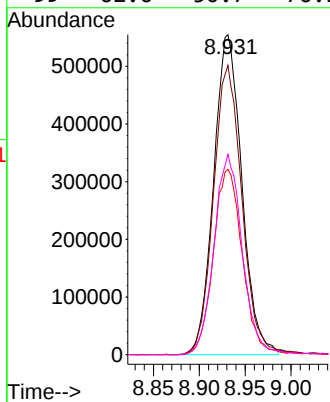
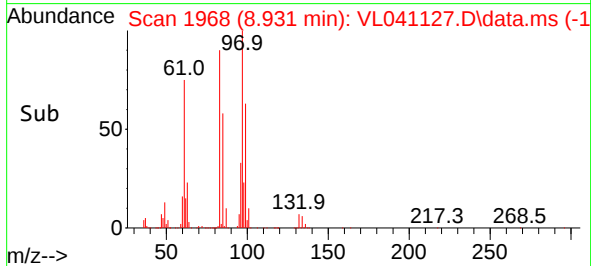
Instrument : MSVOA_L
Client Sample Id : ICVVL040424



Tgt Ion: 97 Resp: 1186314
Ion Ratio Lower Upper
97 100
83 90.4 72.9 109.3
85 57.8 49.1 73.7
99 62.6 50.7 76.1

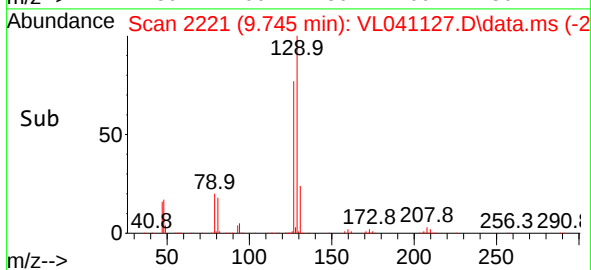
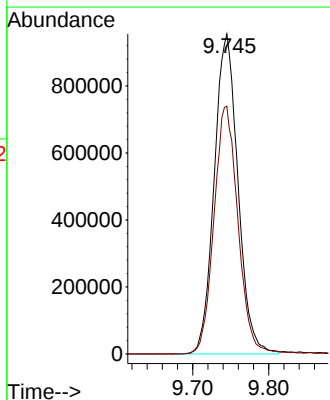
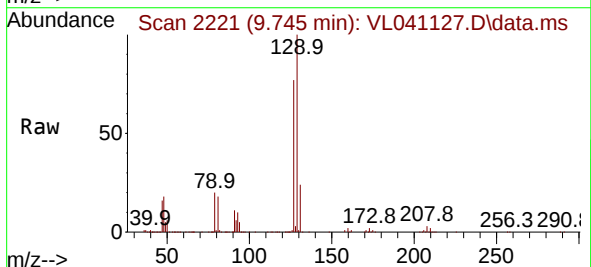
Manual Integrations
APPROVED

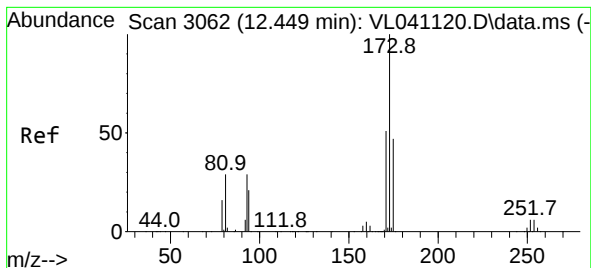
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#48
Dibromochloromethane
Concen: 10.526 ppbv
RT: 9.745 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion:129 Resp: 2068017
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.9





#49

Bromoform

Concen: 10.693 ppbv

RT: 12.446 min Scan# 3062

Delta R.T. -0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion:173 Resp: 166433

Ion Ratio Lower Upper

173 100

175 50.5 39.4 59.0

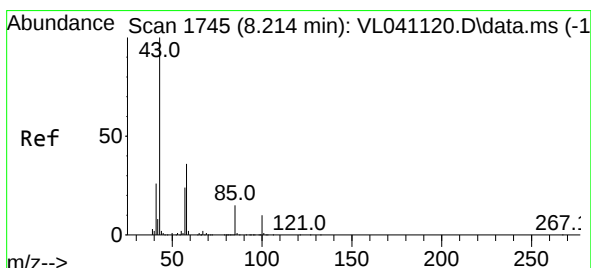
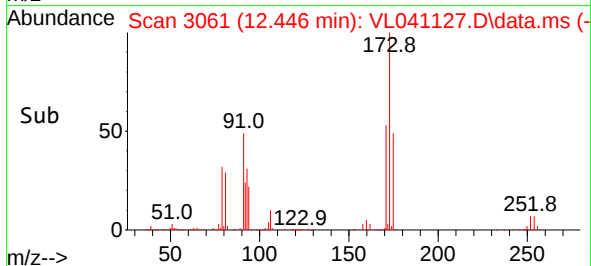
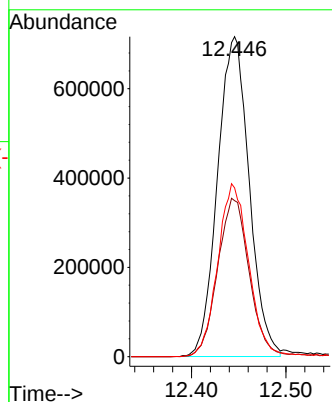
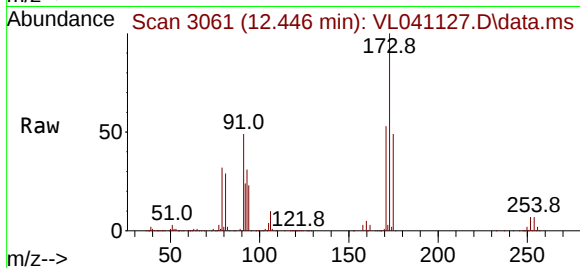
171 53.0 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#50

4-Methyl-2-Pentanone

Concen: 10.094 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VL041127.D

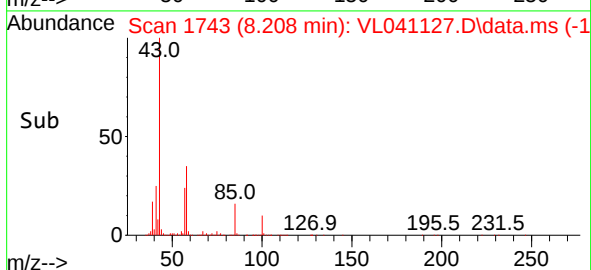
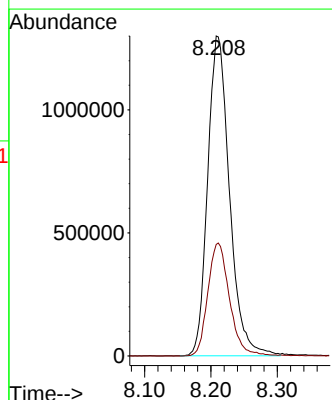
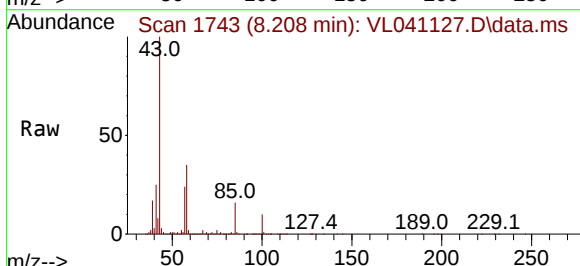
Acq: 4 Apr 2024 14:19

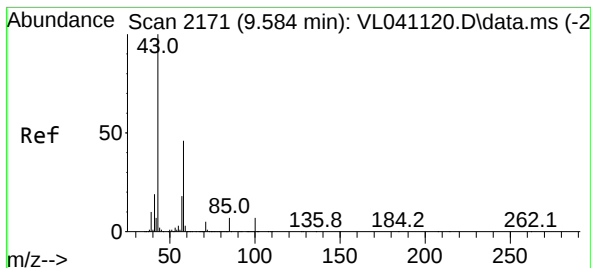
Tgt Ion: 43 Resp: 2972908

Ion Ratio Lower Upper

43 100

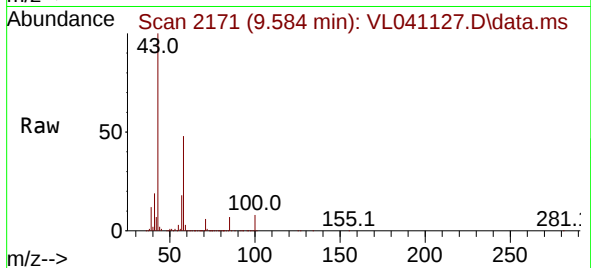
58 35.3 27.7 41.5





#51
2-Hexanone
Concen: 10.525 ppbv
RT: 9.584 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

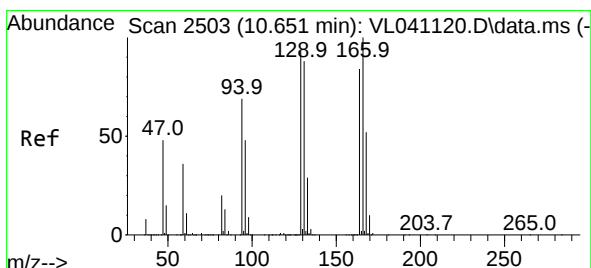
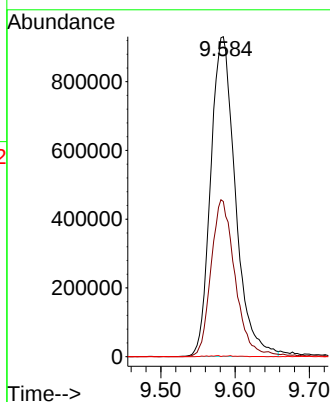
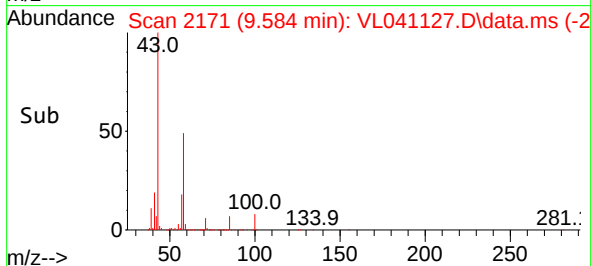
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion: 43 Resp: 214913
Ion Ratio Lower Upper
43 100
58 48.4 37.3 55.9
98 0.2 0.3 0.5

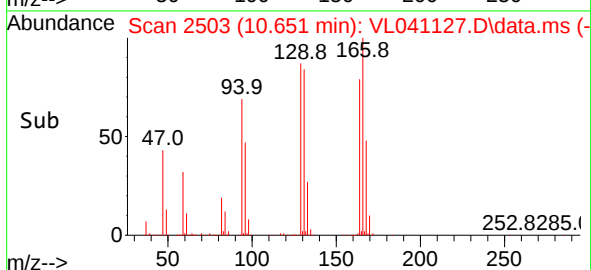
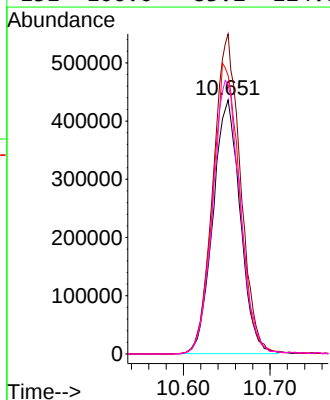
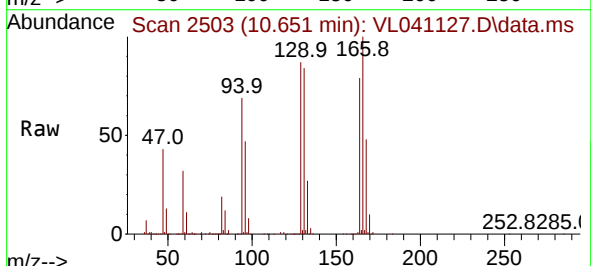
Manual Integrations
APPROVED

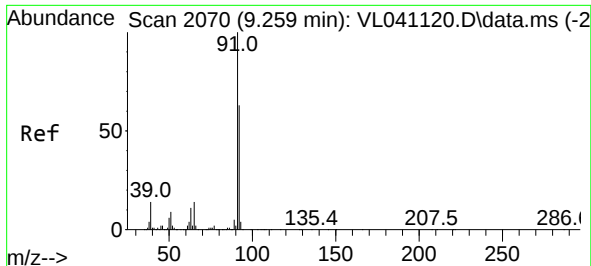
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#52
Tetrachloroethene
Concen: 10.231 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

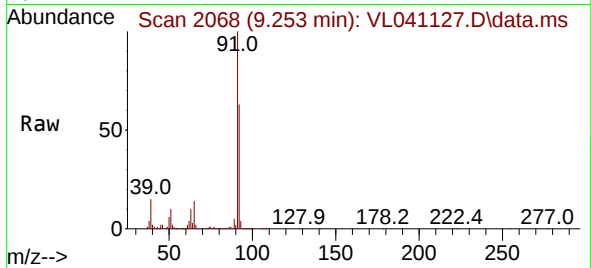
Tgt Ion:164 Resp: 948088
Ion Ratio Lower Upper
164 100
166 126.0 95.0 142.6
129 109.6 88.7 133.1
131 106.0 83.2 124.8





#53
Toluene
Concen: 10.479 ppbv
RT: 9.253 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

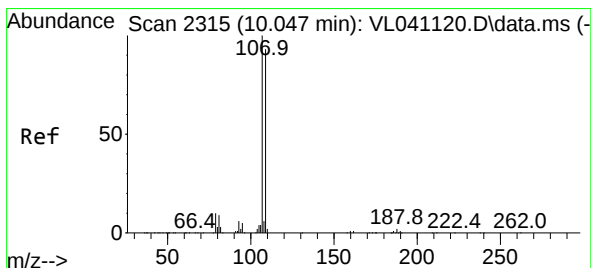
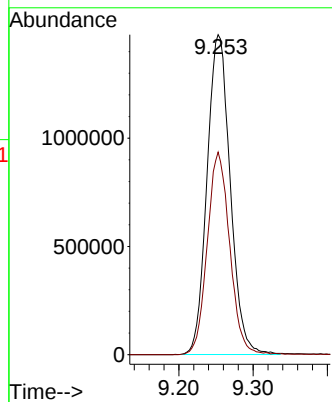
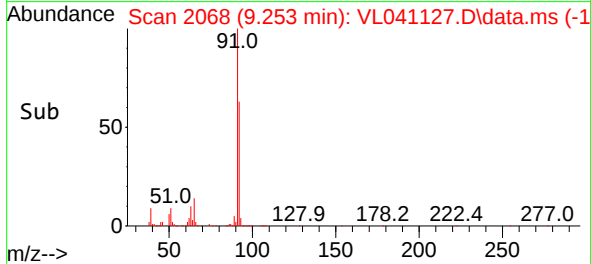
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



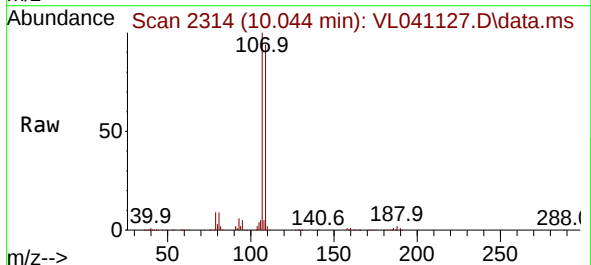
Tgt Ion: 91 Resp: 320451
Ion Ratio Lower Upper
91 100
92 61.5 49.0 73.4

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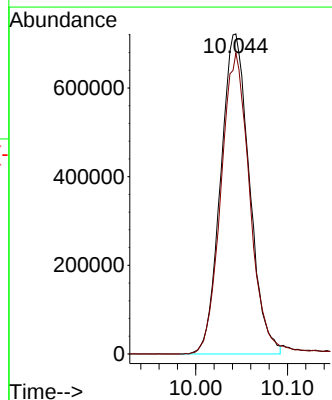
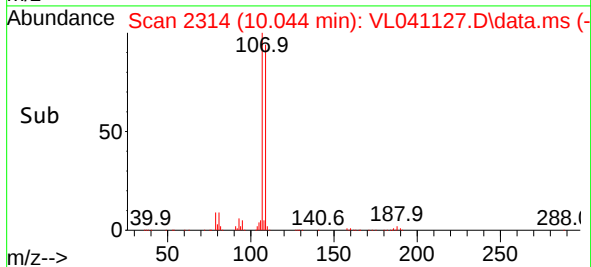
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

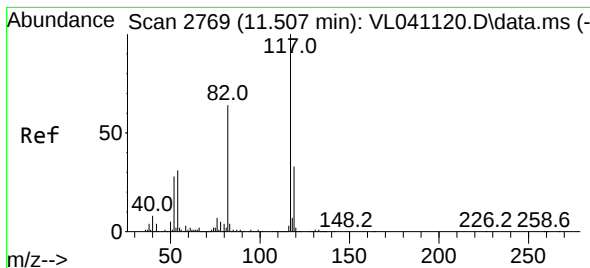


#54
1,2-Dibromoethane
Concen: 10.196 ppbv
RT: 10.044 min Scan# 2314
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



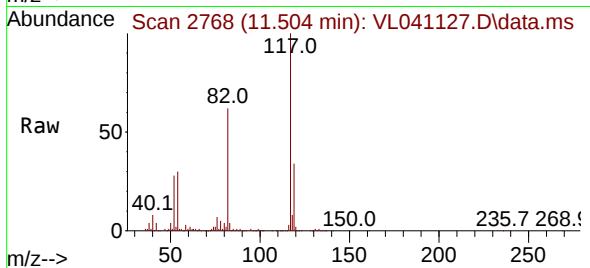
Tgt Ion:107 Resp: 1573903
Ion Ratio Lower Upper
107 100
109 94.0 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.504 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

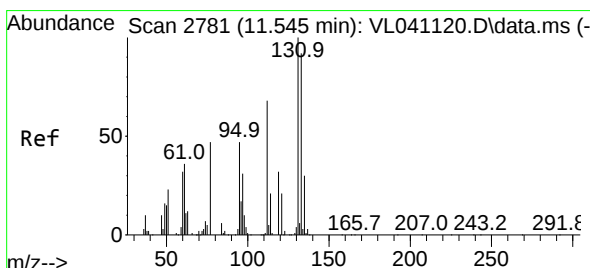
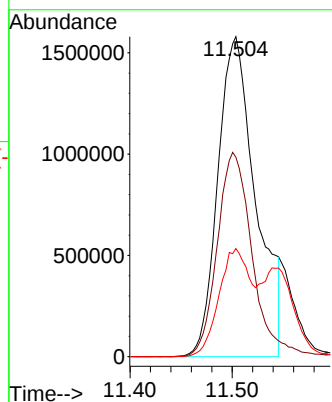
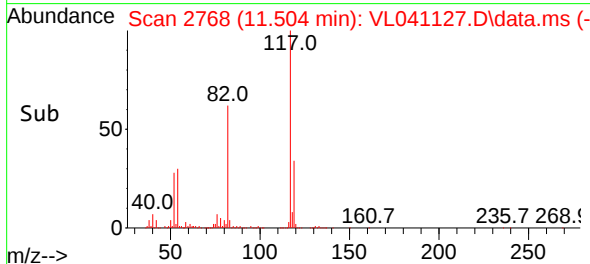
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



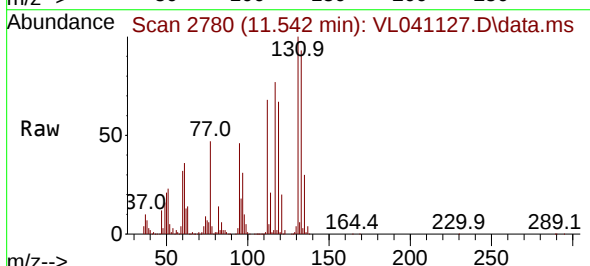
Tgt Ion:117 Resp: 4075854
Ion Ratio Lower Upper
117 100
82 59.6 51.0 76.6
119 28.1 25.2 37.8

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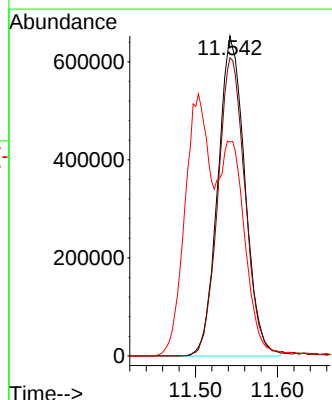
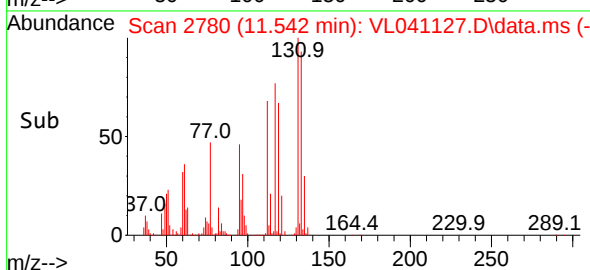
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

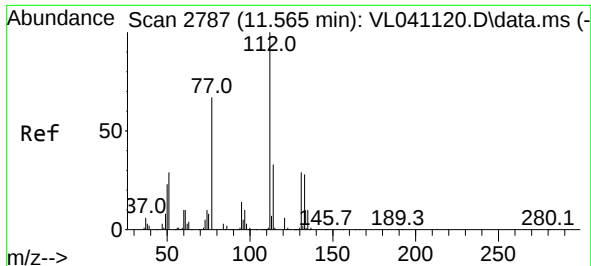


#56
1,1,1,2-Tetrachloroethane
Concen: 8.916 ppbv
RT: 11.542 min Scan# 2780
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



Tgt Ion:131 Resp: 1493527
Ion Ratio Lower Upper
131 100
133 94.8 76.6 115.0
119 61.1 49.9 74.9





#57

Chlorobenzene

Concen: 8.870 ppbv

RT: 11.561 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041127.D

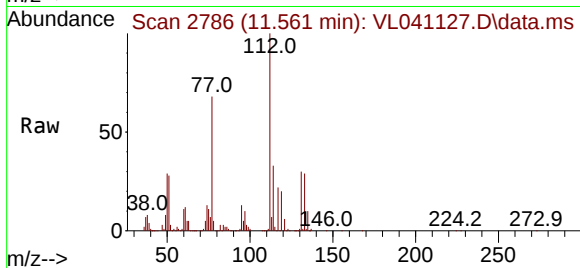
Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424



Tgt Ion:112 Resp: 2474800

Ion Ratio Lower Upper

112 100

77 67.0 54.0 81.0

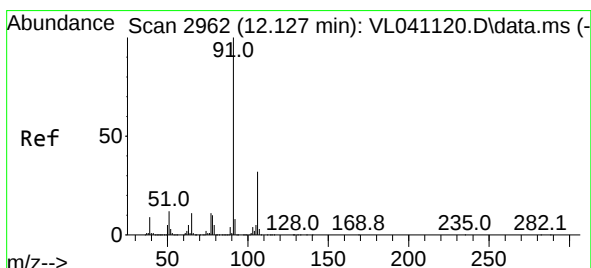
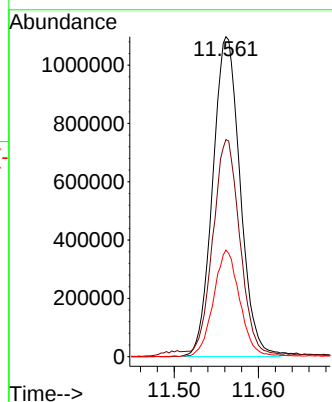
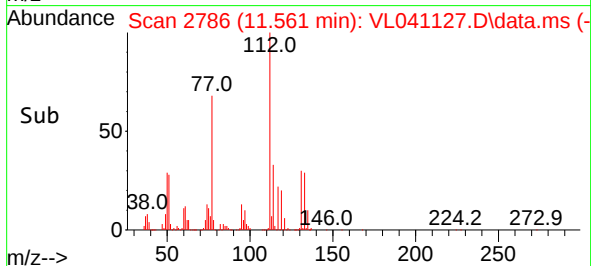
114 33.3 29.3 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#58

Ethyl Benzene

Concen: 9.669 ppbv

RT: 12.124 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VL041127.D

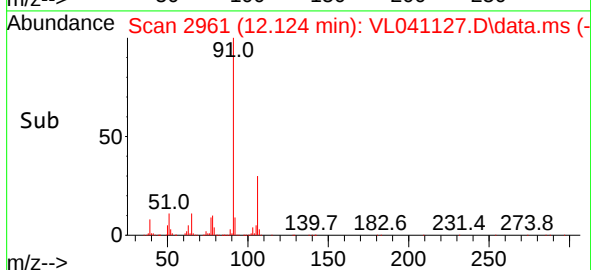
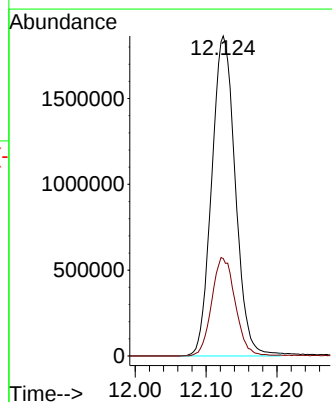
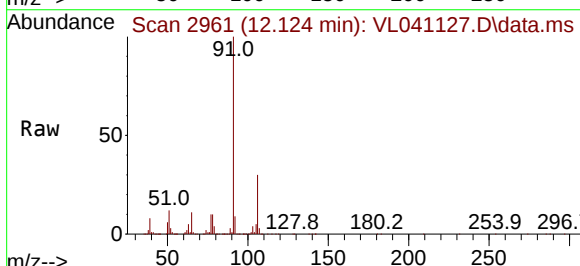
Acq: 4 Apr 2024 14:19

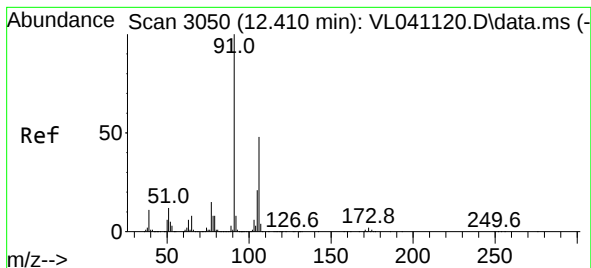
Tgt Ion: 91 Resp: 4314381

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4





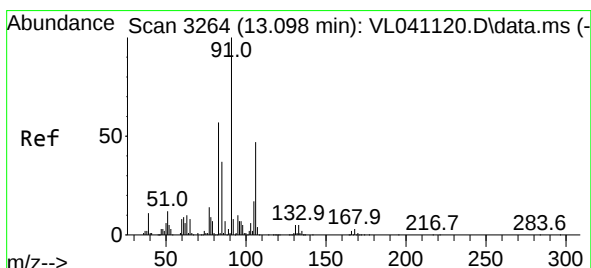
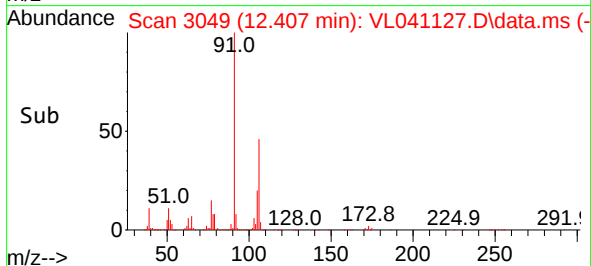
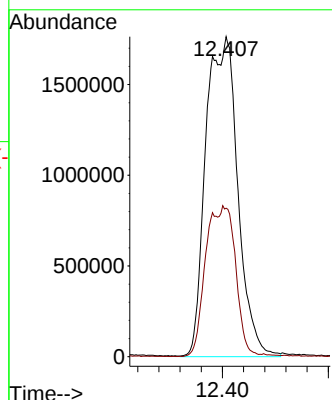
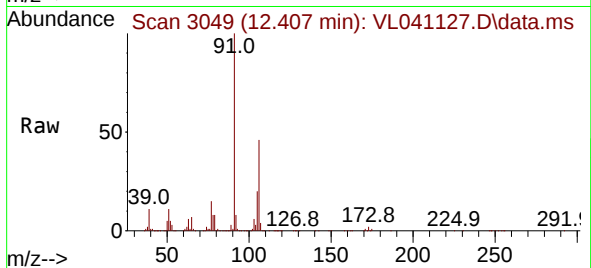
#59
m/p-Xylene
Concen: 18.303 ppbv m
RT: 12.407 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

Tgt Ion: 91 Resp: 737615
Ion Ratio Lower Upper
91 100
106 44.5 35.4 53.2

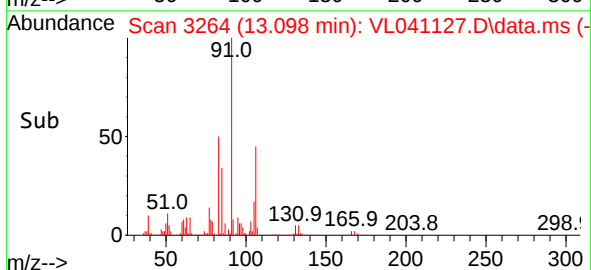
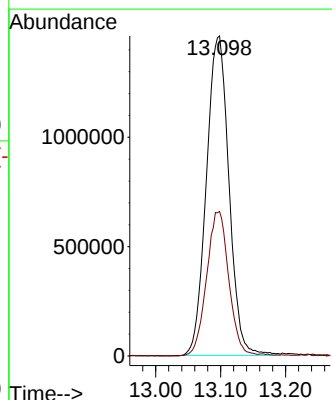
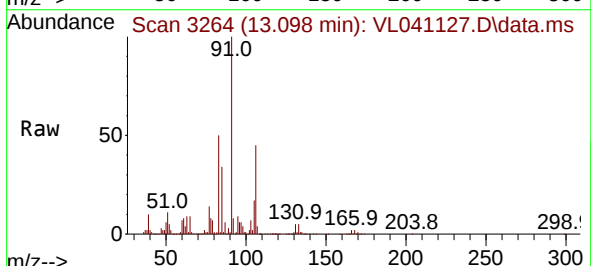
Manual Integrations
APPROVED

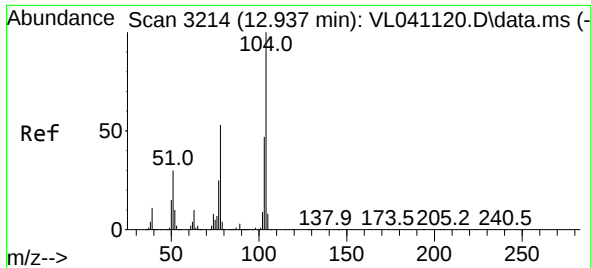
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 9.275 ppbv
RT: 13.098 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion: 91 Resp: 3541722
Ion Ratio Lower Upper
91 100
106 45.2 22.9 68.5





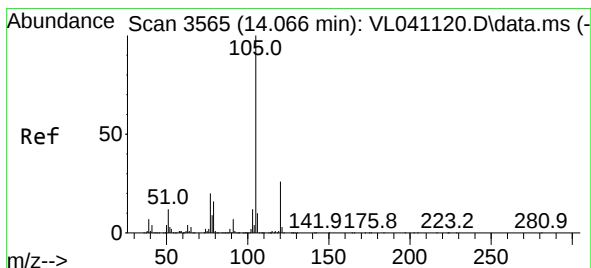
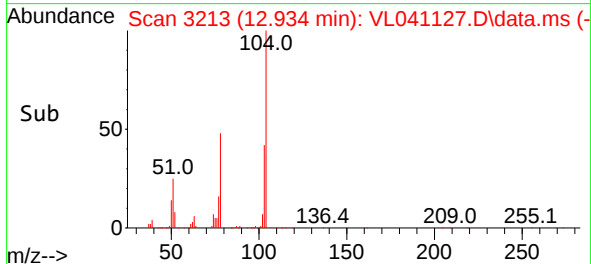
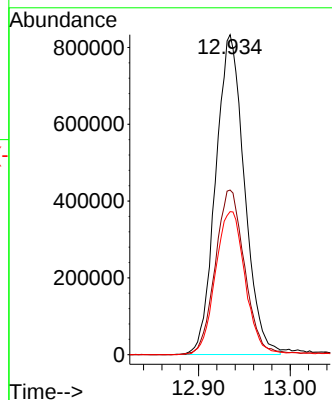
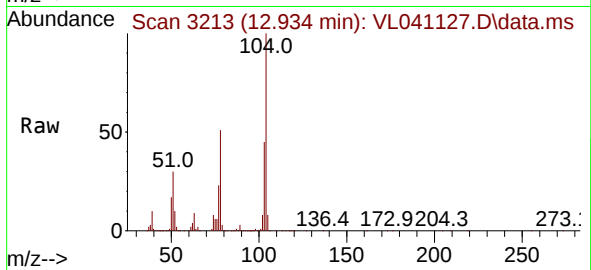
#61
Styrene
Concen: 10.718 ppbv
RT: 12.934 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

Tgt Ion:104 Resp: 181345
Ion Ratio Lower Upper
104 100
78 52.9 43.3 64.9
103 47.1 38.2 57.2

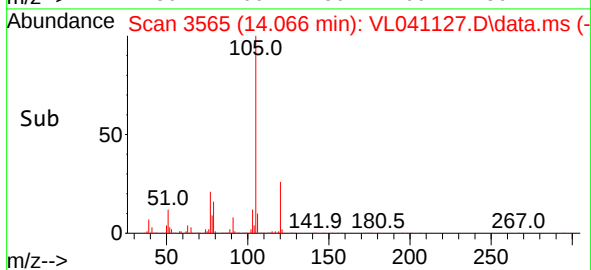
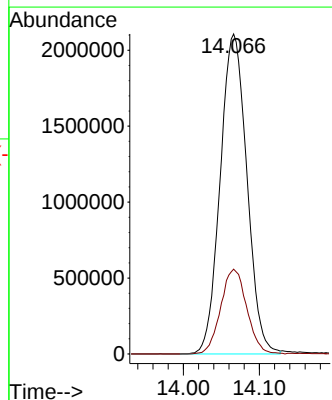
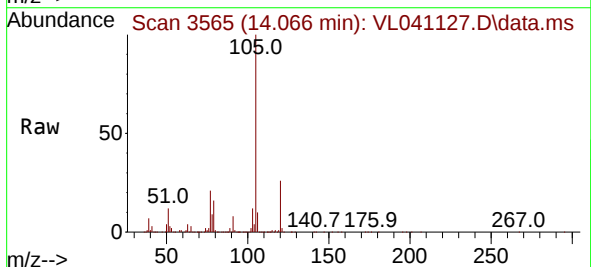
Manual Integrations
APPROVED

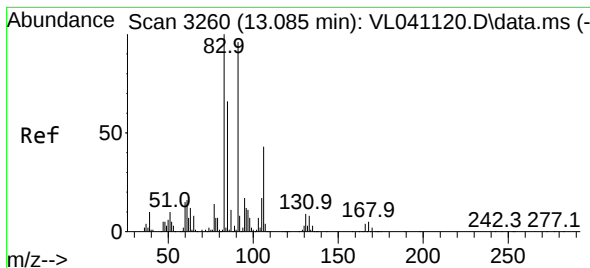
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#62
Isopropylbenzene
Concen: 9.029 ppbv
RT: 14.066 min Scan# 3565
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

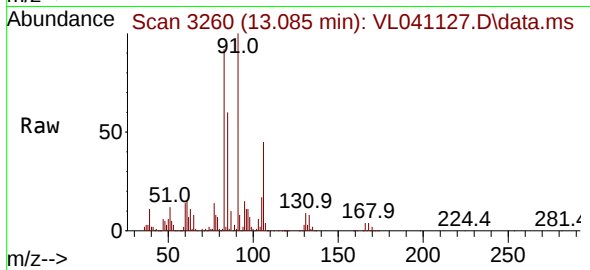
Tgt Ion:105 Resp: 5132755
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 8.909 ppbv
RT: 13.085 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

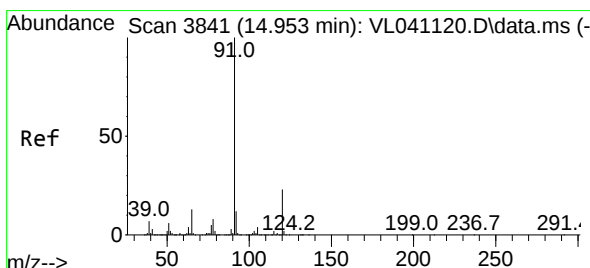
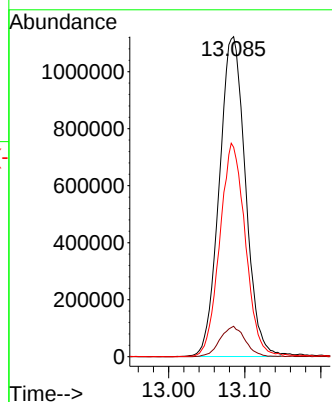
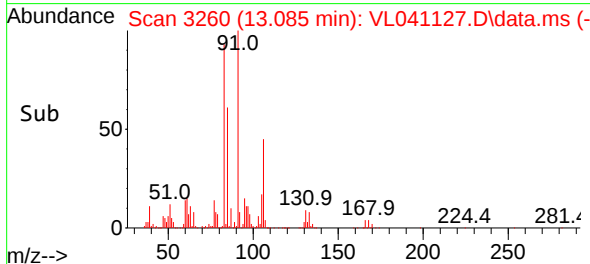
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



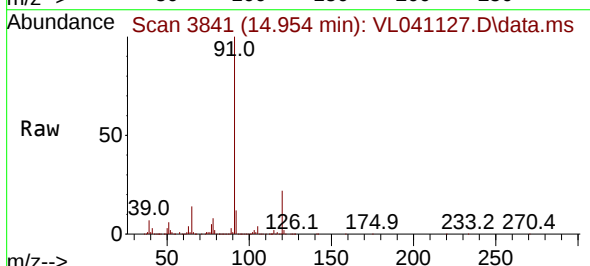
Tgt Ion: 83 Resp: 267277
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 66.2 33.1 99.2

Manual Integrations
APPROVED

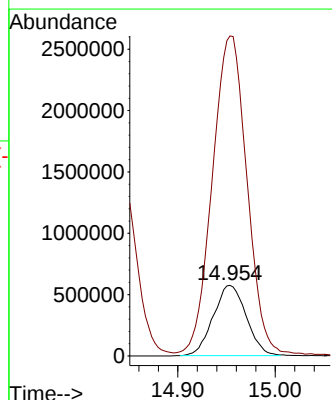
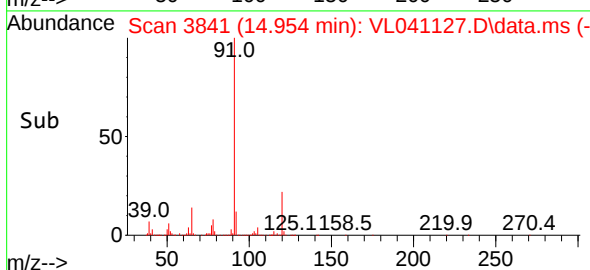
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

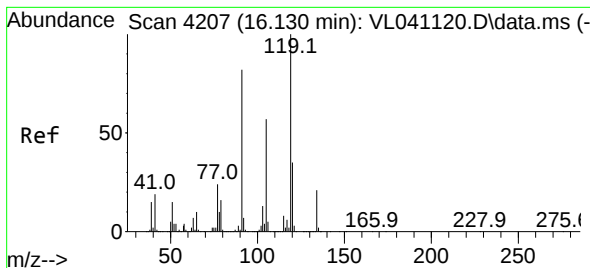


#64
n-propylbenzene
Concen: 9.464 ppbv
RT: 14.954 min Scan# 3841
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



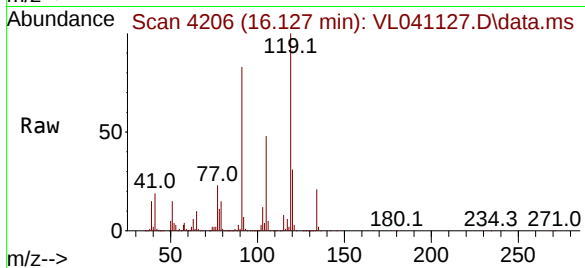
Tgt Ion:120 Resp: 1350130
Ion Ratio Lower Upper
120 100
91 481.6 395.0 592.6





#65
tert-Butylbenzene
Concen: 9.289 ppbv
RT: 16.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

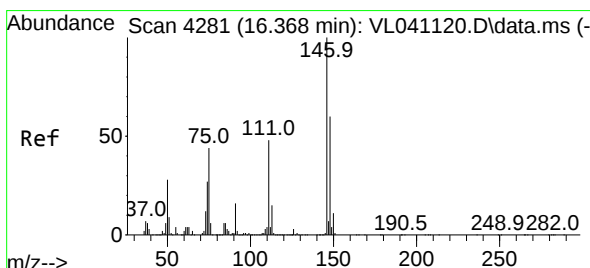
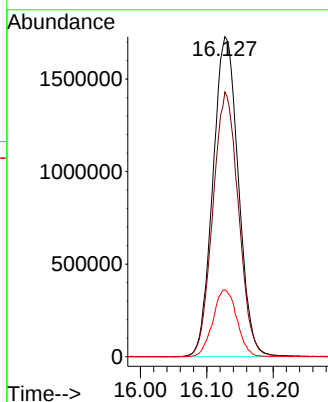
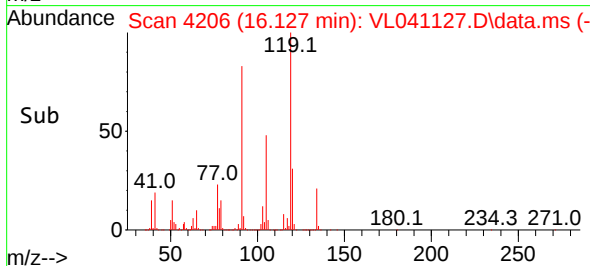
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424



Tgt Ion: 119 Resp: 4609910
Ion Ratio Lower Upper
119 100
91 83.6 67.8 101.8
134 19.8 16.0 24.0

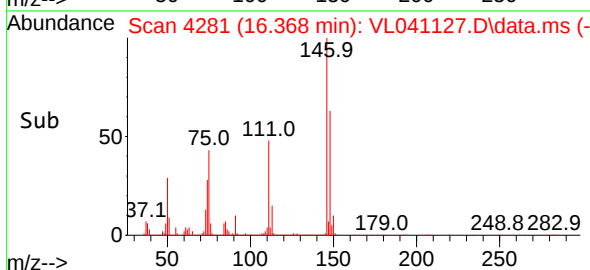
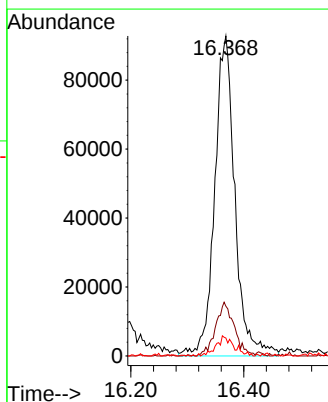
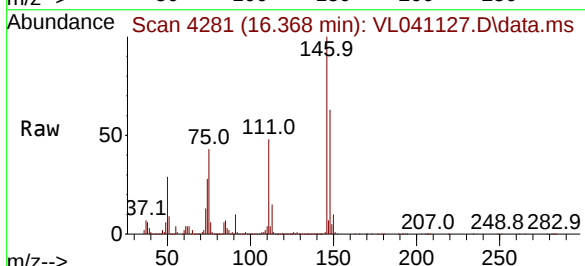
Manual Integrations
APPROVED

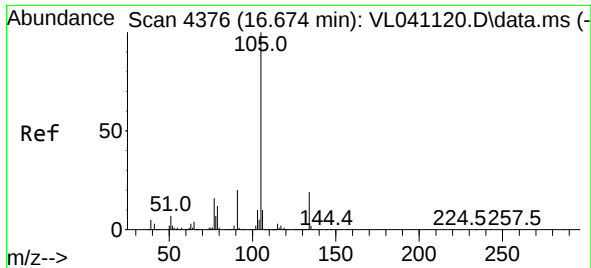
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#66
Benzyl Chloride
Concen: 7.077 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

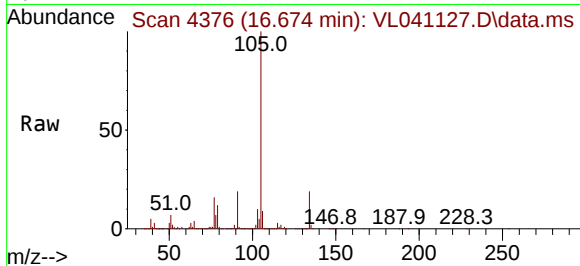
Tgt Ion: 91 Resp: 231078
Ion Ratio Lower Upper
91 100
126 15.9 13.4 20.2
128 5.8 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 9.079 ppbv
 RT: 16.674 min Scan# 4376
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

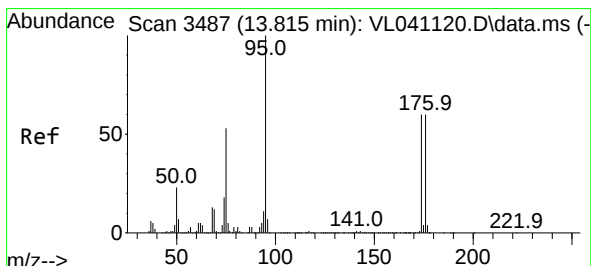
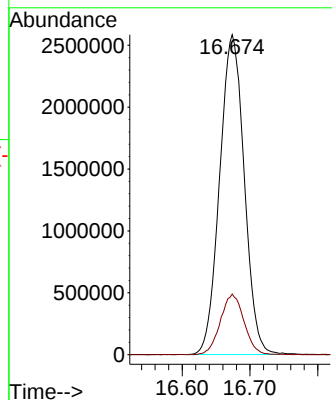
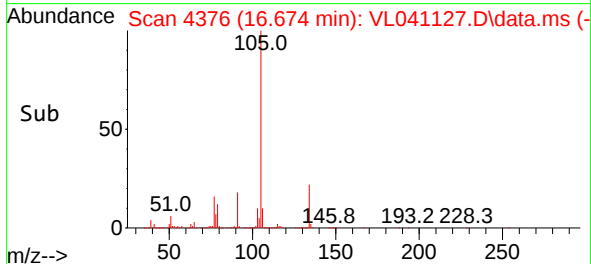
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



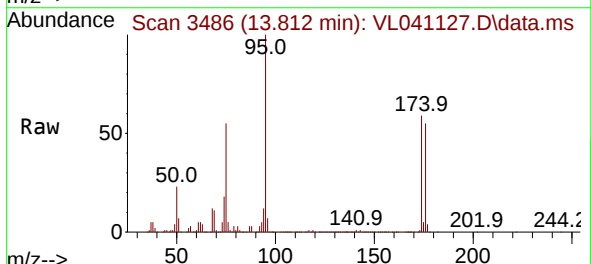
Tgt Ion: 105 Resp: 6509920
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5

Manual Integrations
 APPROVED

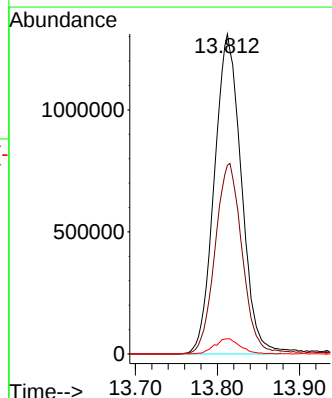
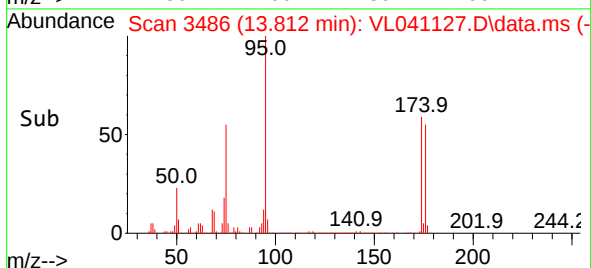
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

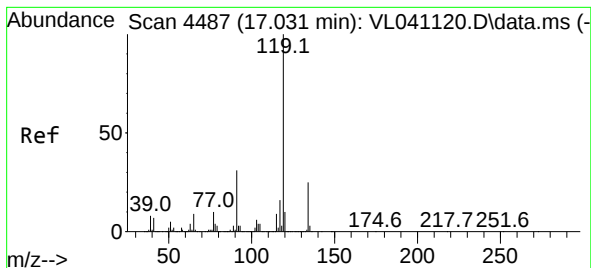


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.142 ppbv
 RT: 13.812 min Scan# 3486
 Delta R.T. -0.003 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19



Tgt Ion: 95 Resp: 2996152
 Ion Ratio Lower Upper
 95 100
 174 61.0 49.3 73.9
 175 4.7 3.6 5.4





#69

p-Isopropyltoluene

Concen: 9.515 ppbv

RT: 17.034 min Scan# 4487

Delta R.T. 0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion:119 Resp: 5320064

Ion Ratio Lower Upper

119 100

134 25.8 20.5 30.7

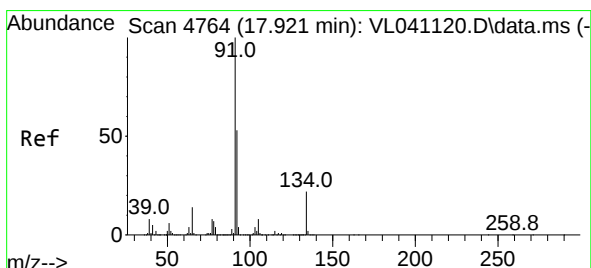
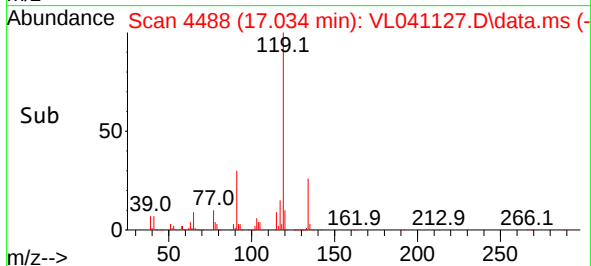
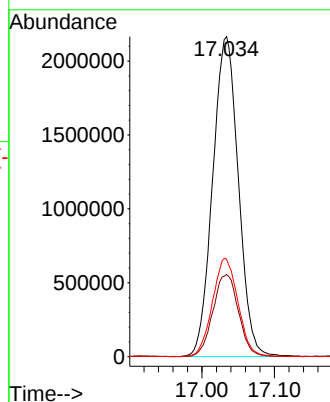
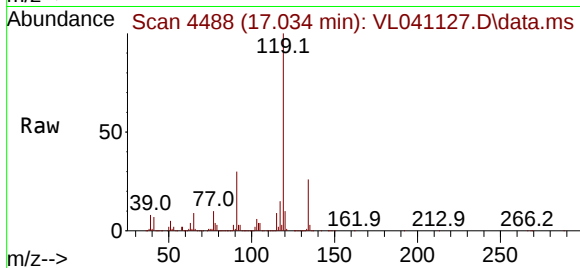
91 30.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#70

n-Butylbenzene

Concen: 9.562 ppbv

RT: 17.924 min Scan# 4765

Delta R.T. 0.003 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

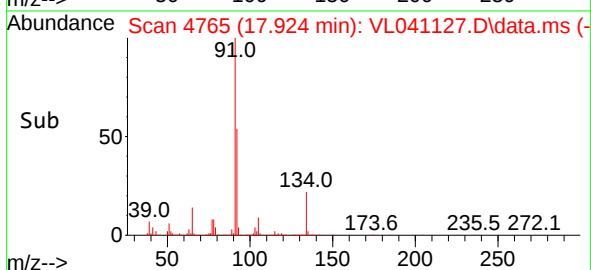
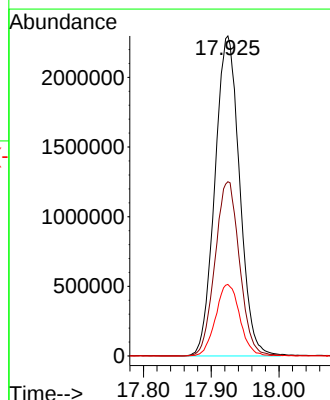
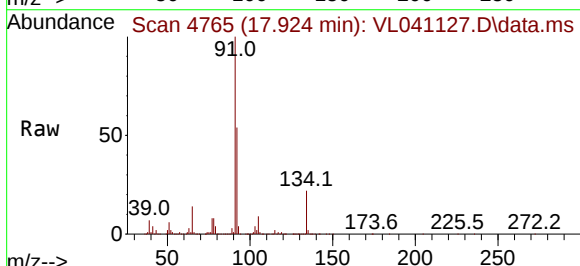
Tgt Ion: 91 Resp: 5807986

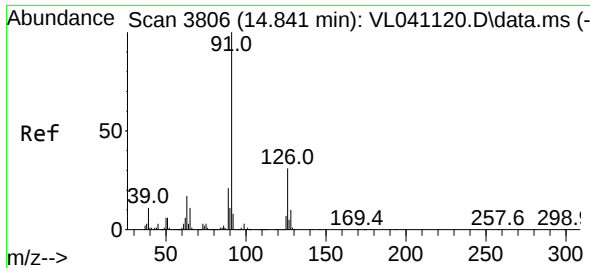
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.0

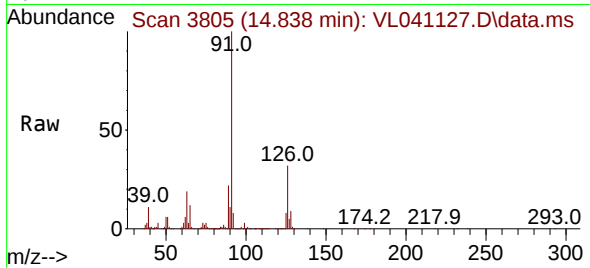
134 22.0 17.1 25.7





#71
2-Chlorotoluene
Concen: 9.309 ppbv
RT: 14.838 min Scan# 3805
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

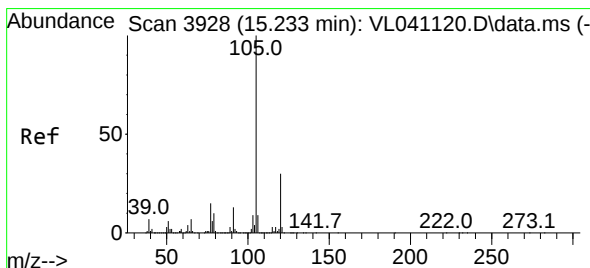
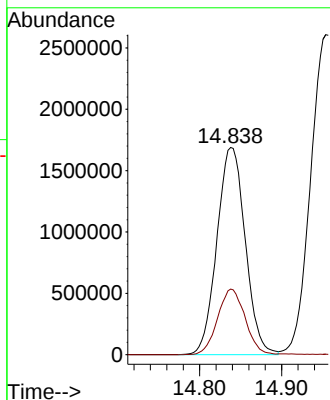
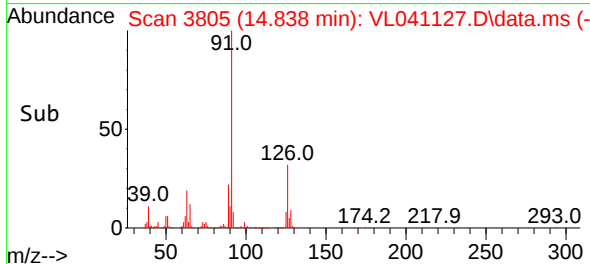
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



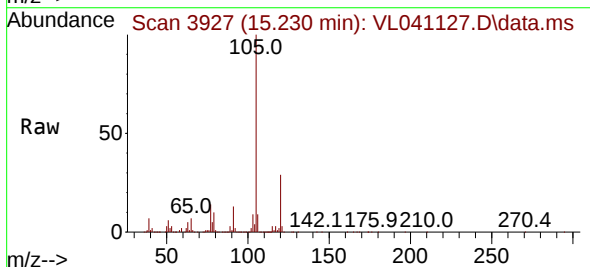
Tgt Ion: 91 Resp: 4058938
Ion Ratio Lower Upper
91 100
126 31.0 12.5 50.1

Manual Integrations
APPROVED

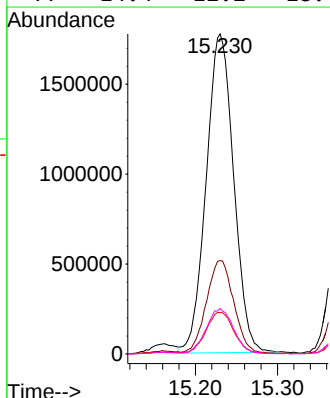
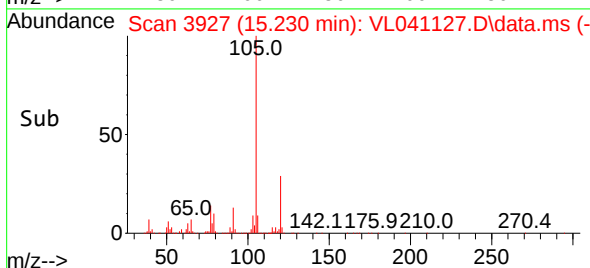
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

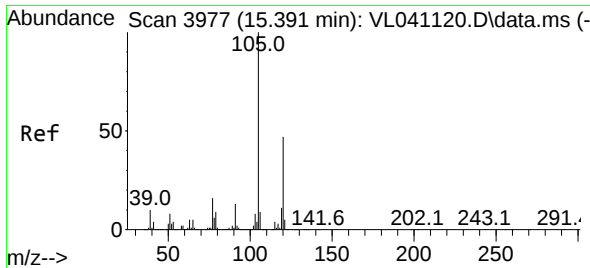


#72
4-Ethyltoluene
Concen: 9.696 ppbv
RT: 15.230 min Scan# 3927
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



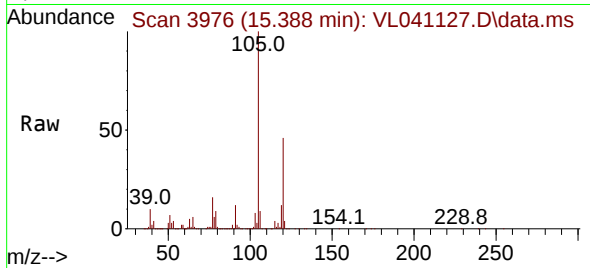
Tgt Ion:105 Resp: 4135420
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 13.2 11.2 16.8
77 14.4 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 9.546 ppbv
RT: 15.388 min Scan# 3976
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

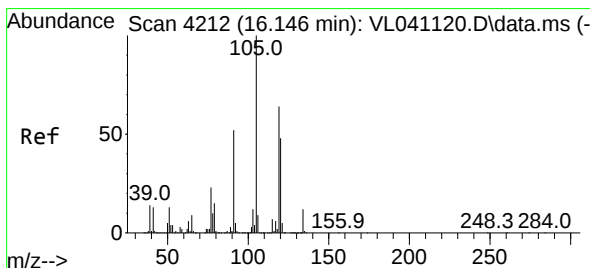
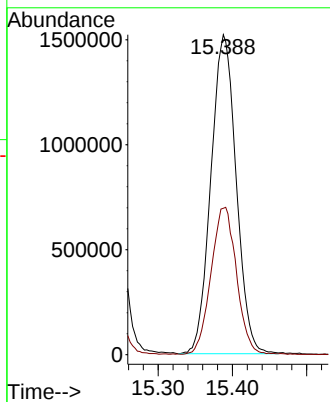
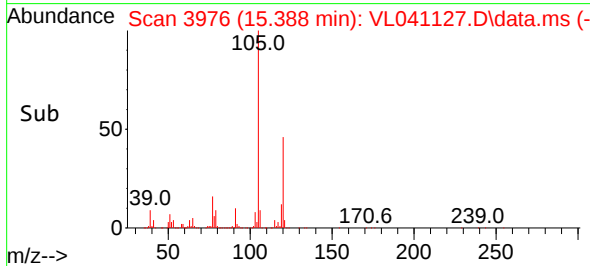
Instrument : MSVOA_L
ClientSampleId : ICVVL040424



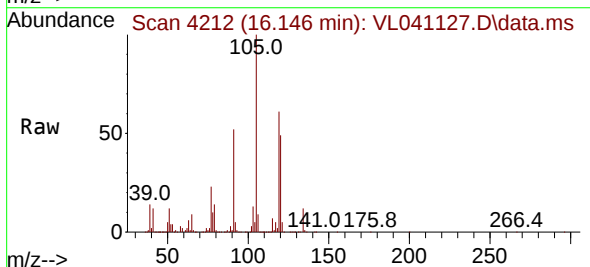
Tgt Ion:105 Resp: 359085
Ion Ratio Lower Upper
105 100
120 45.6 37.8 56.8

Manual Integrations
APPROVED

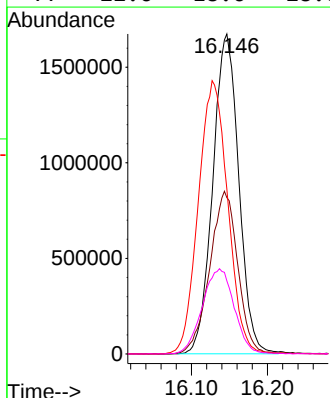
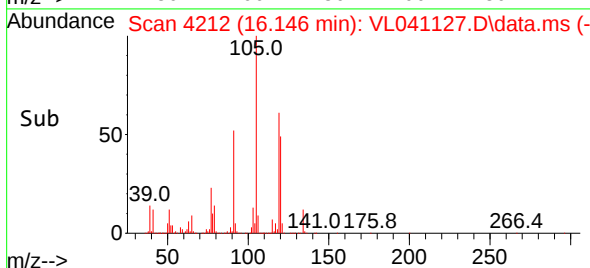
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

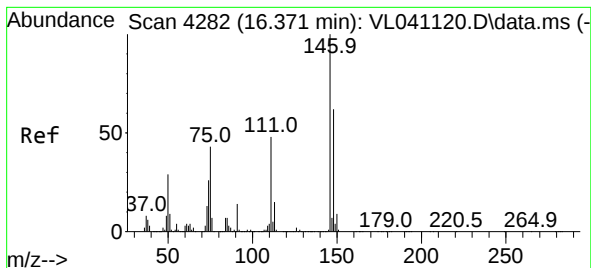


#74
1,2,4-Trimethylbenzene
Concen: 9.218 ppbv
RT: 16.146 min Scan# 4212
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19



Tgt Ion:105 Resp: 3967901
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3
91 51.3 43.0 64.6
77 22.6 18.6 28.0





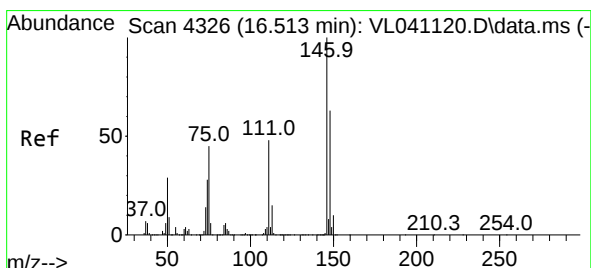
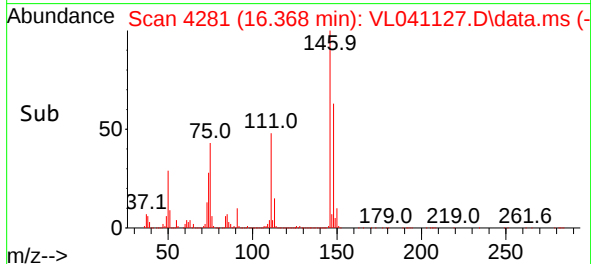
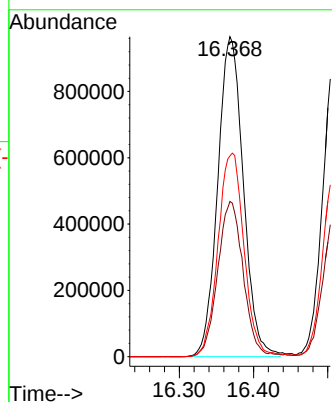
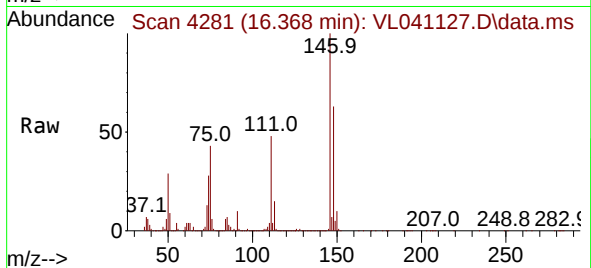
#75
1,3-Dichlorobenzene
Concen: 9.203 ppbv
RT: 16.368 min Scan# 4281
Delta R.T. -0.003 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

Tgt Ion:146 Resp: 231311
Ion Ratio Lower Upper
146 100
111 48.6 24.1 72.4
148 64.7 32.0 96.2

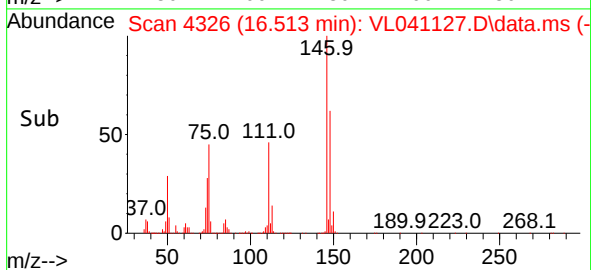
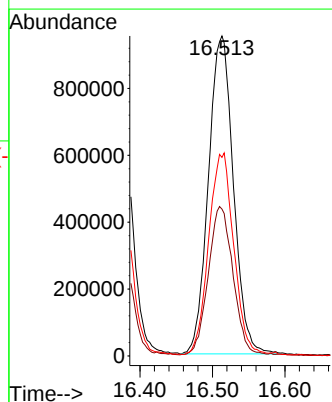
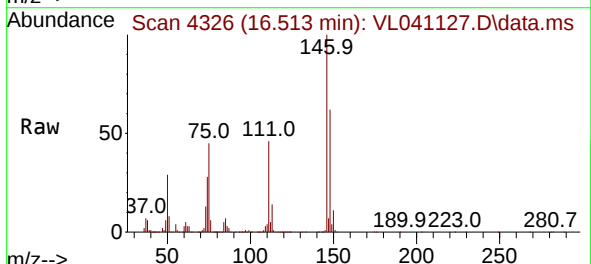
Manual Integrations
APPROVED

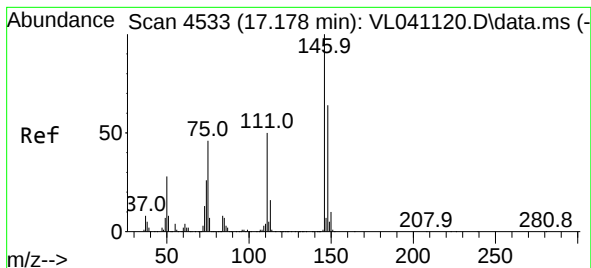
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#76
1,4-Dichlorobenzene
Concen: 9.323 ppbv
RT: 16.513 min Scan# 4326
Delta R.T. 0.000 min
Lab File: VL041127.D
Acq: 4 Apr 2024 14:19

Tgt Ion:146 Resp: 2279139
Ion Ratio Lower Upper
146 100
111 47.1 24.1 72.3
148 64.9 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 9.354 ppbv

RT: 17.179 min Scan# 4533

Delta R.T. 0.000 min

Lab File: VL041127.D

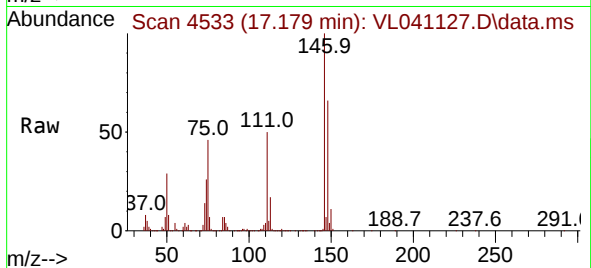
Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424



Tgt Ion:146 Resp: 2283004

Ion Ratio Lower Upper

146 100

111 49.8 25.1 75.3

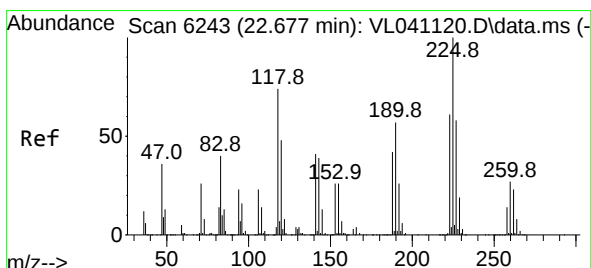
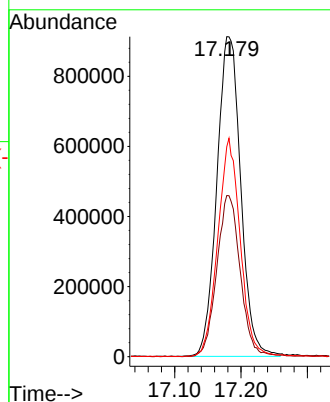
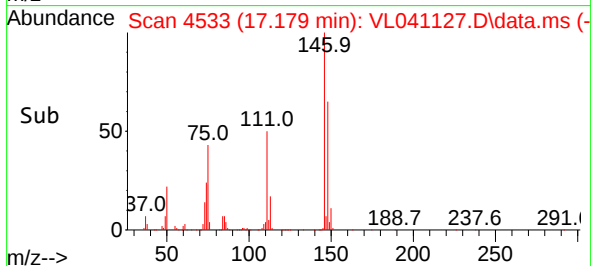
148 64.0 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.900 ppbv

RT: 22.677 min Scan# 6243

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

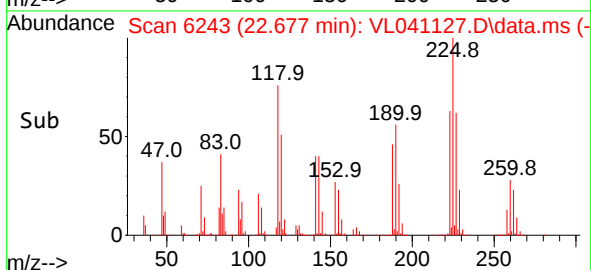
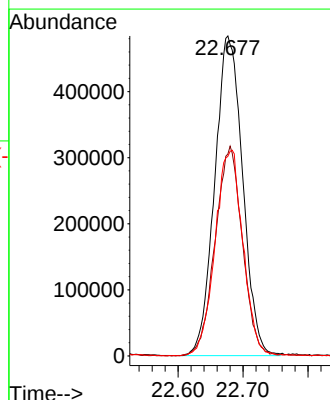
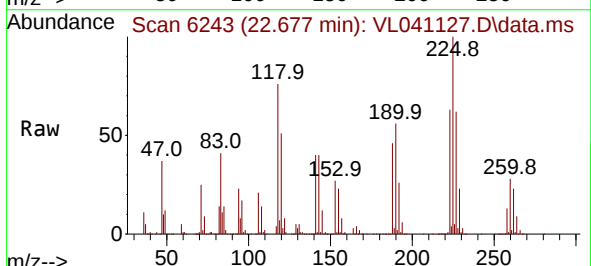
Tgt Ion:225 Resp: 1444164

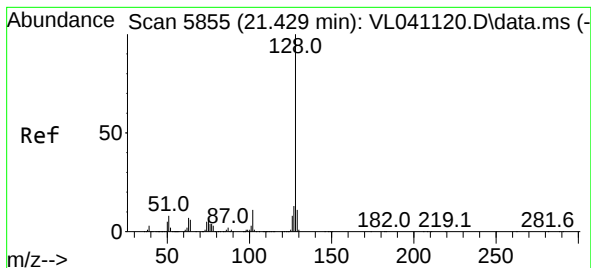
Ion Ratio Lower Upper

225 100

223 64.5 50.9 76.3

227 64.5 51.3 76.9





#79

Naphthalene

Concen: 12.800 ppbv

RT: 21.429 min Scan# 5855

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040424

Tgt Ion:128 Resp: 353503

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

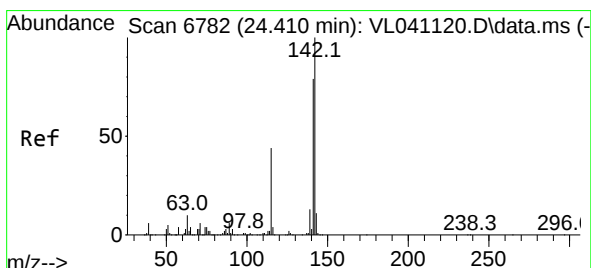
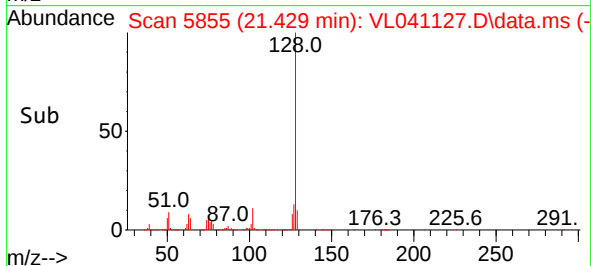
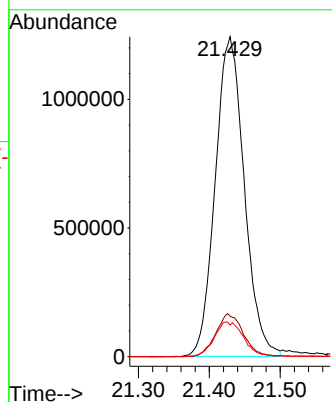
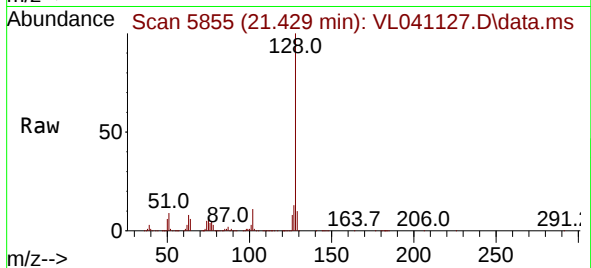
129 9.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#80

Naphthalene,2-methyl-

Concen: 14.248 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.000 min

Lab File: VL041127.D

Acq: 4 Apr 2024 14:19

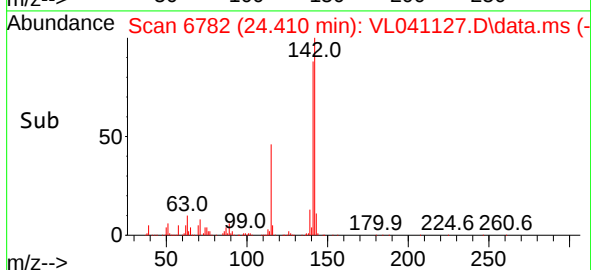
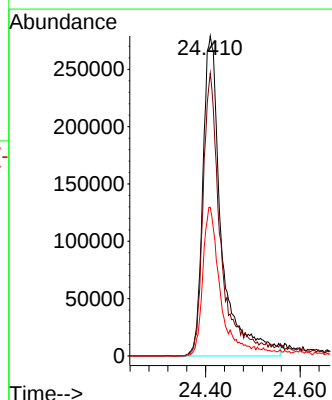
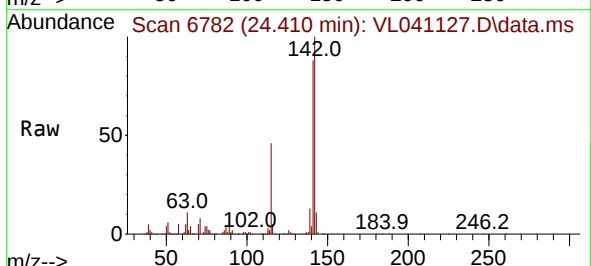
Tgt Ion:142 Resp: 766495

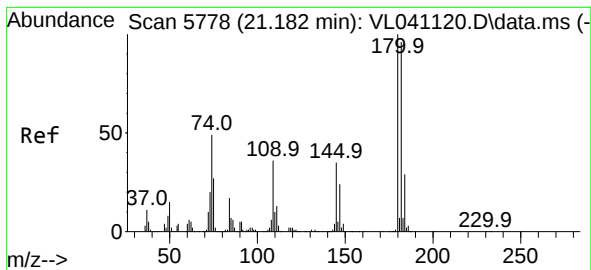
Ion Ratio Lower Upper

142 100

141 89.3 64.4 96.6

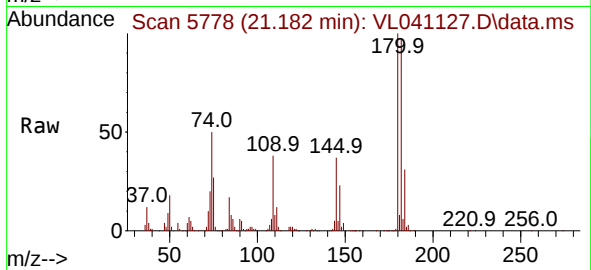
115 45.0 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.980 ppbv
 RT: 21.182 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041127.D
 Acq: 4 Apr 2024 14:19

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040424



Tgt Ion:180 Resp: 1699894

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.4	116.2
184	30.9	24.9	37.3

Manual Integrations
 APPROVED

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

