

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042324\
 Data File : VL041154.D
 Acq On : 23 Apr 2024 10:42
 Operator : SY/MD
 Sample : VL0423ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 02:49:43 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 : Wed Apr 24 02:47:46 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1268252	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3266669	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3201280	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2603167 10.112 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1912295	8.815	ppbv	100
3) Chlorodifluoromethane	2.674	51	1953395	10.000	ppbv	99
4) Chloromethane	2.813	50	751774	10.170	ppbv	99
5) Vinyl Chloride	2.919	62	768771	10.766	ppbv	96
6) Bromomethane	3.118	94	262781	9.777	ppbv	92
7) Chloroethane	3.195	64	274286	10.466	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1891224	10.219	ppbv	99
9) Propene	2.694	41	654056	10.526	ppbv	95
10) Heptane	7.568	43	1631529	11.059	ppbv	99
11) Trichlorofluoromethane	3.559	101	1969020	10.009	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	1426653	10.019	ppbv	100
13) Ethanol	3.234	45	144183	9.755	ppbv	98
14) Bromoethene	3.362	108	596728	10.640	ppbv	100
15) Acetone	3.462	43	1379427	10.045	ppbv	99
16) 1,3-Butadiene	2.983	39	733928	10.887	ppbv	100
17) tert-Butyl alcohol	3.870	59	1344271	10.809	ppbv	100
18) 1,1-Dichloroethene	3.874	96	639291	10.516	ppbv	94
19) Isopropyl Alcohol	3.571	45	925511	11.094	ppbv #	96
20) Methylene Chloride	3.928	84	522434	9.224	ppbv	97
21) Allyl Chloride	3.989	41	886227	10.591	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	666185	10.453	ppbv	95
23) Vinyl Acetate	4.620	43	1516384	10.809	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1324132	10.374	ppbv	99
25) Ethyl Acetate	5.195	43	2718362	10.541	ppbv	100
26) Hexane	5.205	57	1190527	10.288	ppbv	99
27) Carbon Disulfide	4.118	76	1580013	11.143	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	911674	10.440	ppbv	100
29) Chloroform	5.269	83	1999911	10.252	ppbv	99
30) Cyclohexane	6.594	84	1033018	10.959	ppbv	96
31) cis-1,2-Dichloroethene	5.070	61	1185896	10.827	ppbv	98
32) 1,1,1-Trichloroethane	5.996	97	1985754	11.012	ppbv	99
34) 2-Butanone	4.777	43	1481740	10.719	ppbv	98
35) Carbon Tetrachloride	6.484	117	2102595	11.305	ppbv	97
36) Benzene	6.362	78	2567643	10.704	ppbv	99
37) 1,2-Dichloroethane	5.800	62	1521500	10.564	ppbv	99
38) Trichloroethene	7.282	130	1000104	11.540	ppbv	95
39) 1,2-Dichloropropane	7.066	63	1006032	10.636	ppbv	99
40) 1,4-Dioxane	7.275	88	407065	12.348	ppbv	70
41) Tetrahydrofuran	5.546	42	1044606	11.350	ppbv	99
42) Bromodichloromethane	7.237	83	2249518	10.932	ppbv	96
43) Methyl Methacrylate	7.462	69	1069675	11.706	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	4268715	10.749	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	728160	13.522	ppbv	99

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

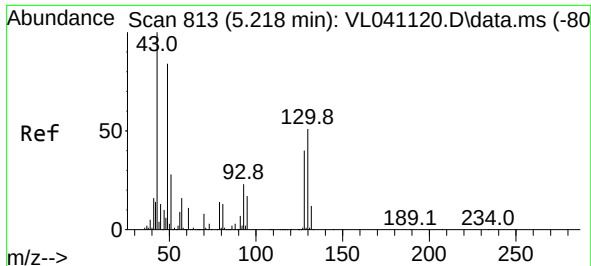
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Apr 24 02:47:46 2024

Response via : Initial Calibration

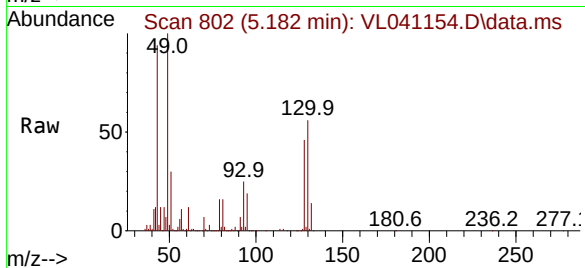
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	902921	12.960	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	1104368	10.803	ppbv	98
48) Dibromochloromethane	9.700	129	1880136	11.586	ppbv	99
49) Bromoform	12.397	173	1552318	12.074	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2758532	11.340	ppbv	99
51) 2-Hexanone	9.539	43	2040410	12.097	ppbv #	99
52) Tetrachloroethene	10.603	164	875296	11.436	ppbv	95
53) Toluene	9.211	91	2945137	11.660	ppbv	99
54) 1,2-Dibromoethane	9.996	107	1538706	12.069	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	1387372	10.545	ppbv	100
57) Chlorobenzene	11.516	112	2303619	10.512	ppbv	99
58) Ethyl Benzene	12.076	91	3986702	11.375	ppbv	97
59) m/p-Xylene	12.362	91	6877382m	21.728	ppbv	
60) o-Xylene	13.047	91	3291419	10.975	ppbv	100
61) Styrene	12.886	104	1670094	12.567	ppbv	100
62) Isopropylbenzene	14.018	105	4798544	10.748	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	2523747	10.710	ppbv	99
64) n-propylbenzene	14.909	120	1246797m	11.127	ppbv	
65) tert-Butylbenzene	16.079	119	4304084	11.042	ppbv	99
66) Benzyl Chloride	16.314	91	301211	11.745	ppbv	99
67) sec-Butylbenzene	16.625	105	6073554	10.785	ppbv	100
69) p-Isopropyltoluene	16.982	119	4931183	11.228	ppbv	99
70) n-Butylbenzene	17.873	91	5372402	11.261	ppbv	100
71) 2-Chlorotoluene	14.790	91	3746938	10.941	ppbv	100
72) 4-Ethyltoluene	15.182	105	3836079	11.452	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3303197	11.181	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3694458	10.927	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	2150017	10.891	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	2106598	10.971	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	2111929	11.017	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1304678	10.237	ppbv	100
79) Naphthalene	21.371	128	3161513	14.575	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	648617	15.351	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1520733	12.506	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

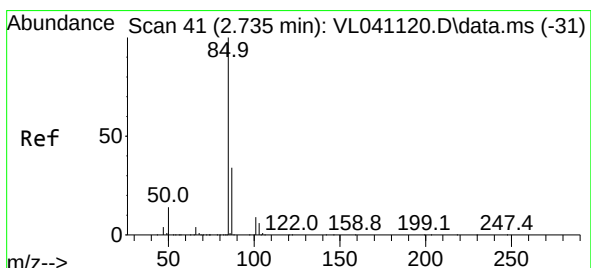
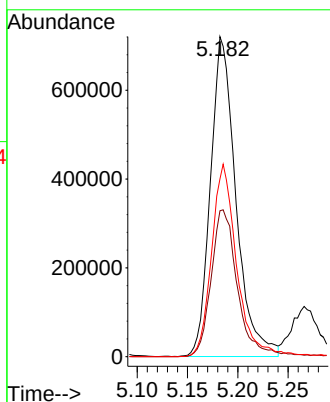
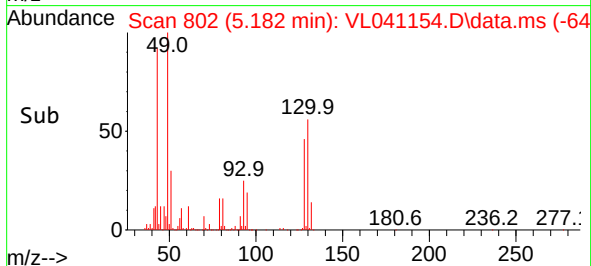
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 49 Resp: 126825
Ion Ratio Lower Upper
49 100
128 48.4 23.6 71.0
130 60.6 30.1 90.5

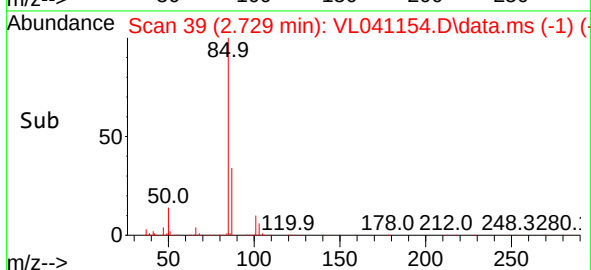
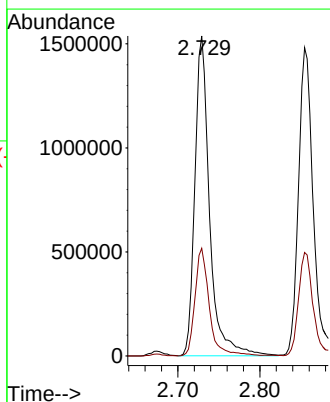
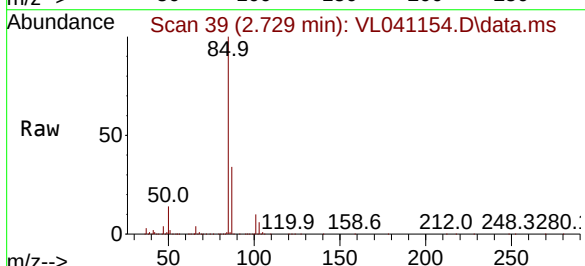
Manual Integrations
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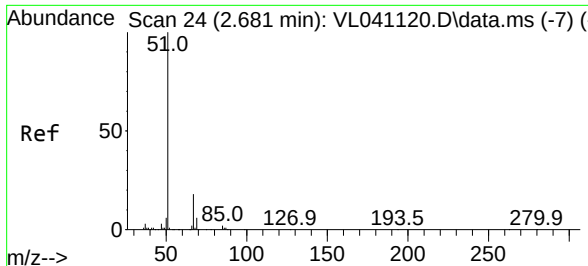
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#2
Dichlorodifluoromethane
Concen: 8.815 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

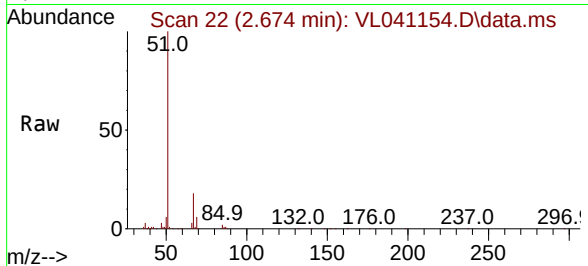
Tgt Ion: 85 Resp: 1912295
Ion Ratio Lower Upper
85 100
87 33.6 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.000 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

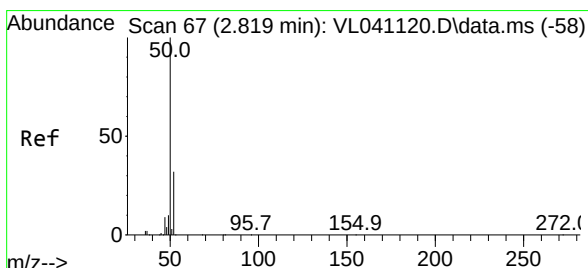
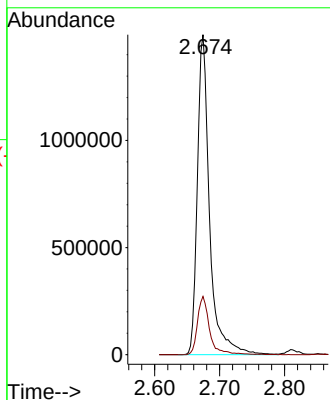
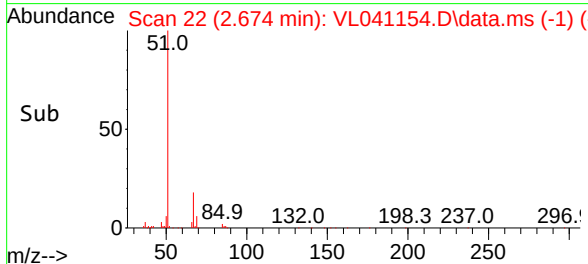
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 51 Resp: 195339
Ion Ratio Lower Upper
51 100
67 18.2 14.9 22.3

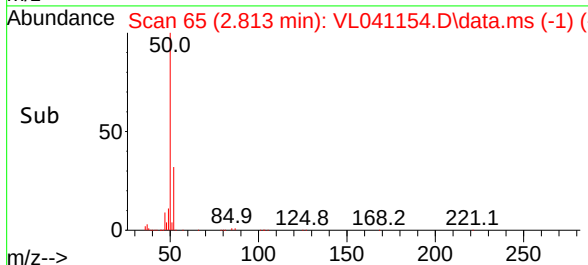
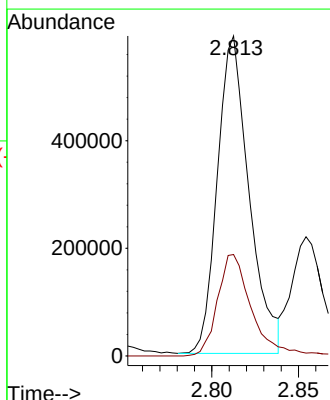
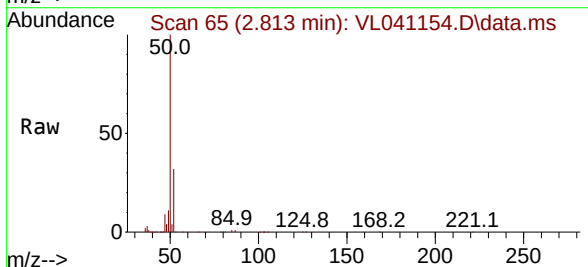
Manual Integrations
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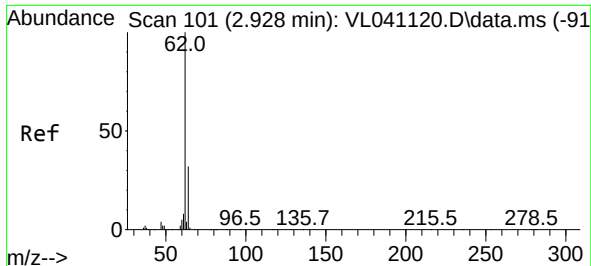
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#4
Chloromethane
Concen: 10.170 ppbv
RT: 2.813 min Scan# 65
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

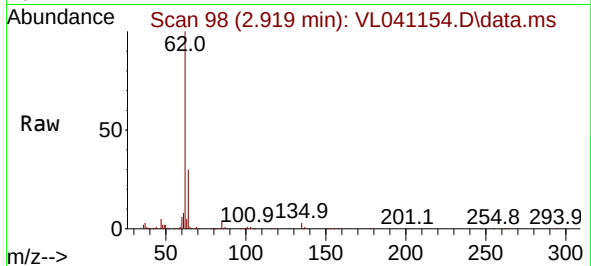
Tgt Ion: 50 Resp: 751774
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0





#5
 Vinyl Chloride
 Concen: 10.766 ppbv
 RT: 2.919 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

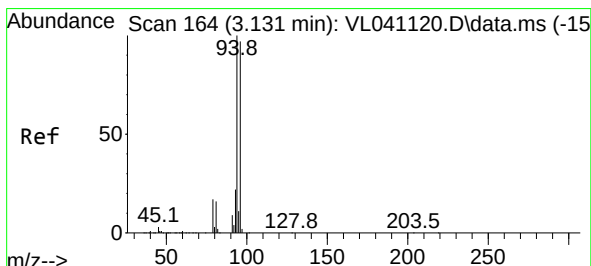
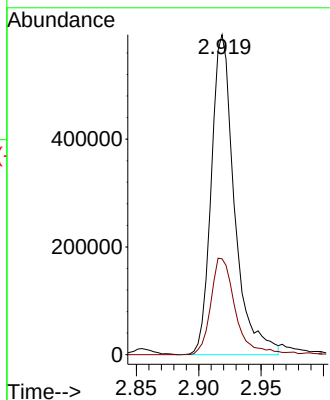
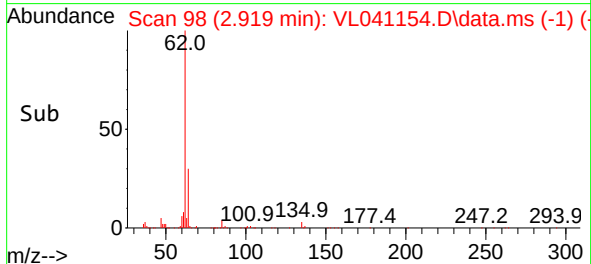
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01



Tgt Ion: 62 Resp: 76877
 Ion Ratio Lower Upper
 62 100
 64 29.9 25.6 38.4

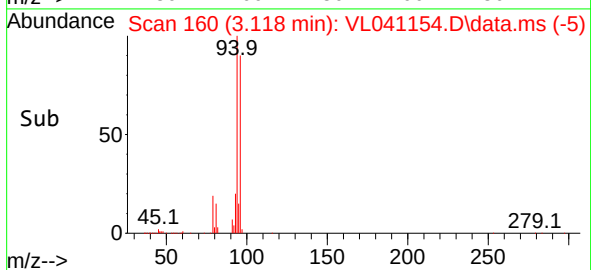
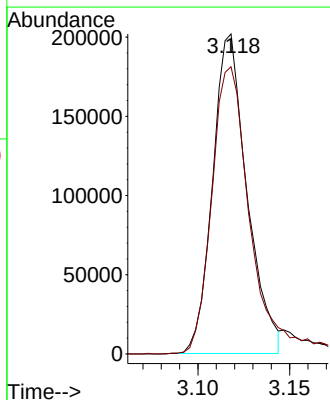
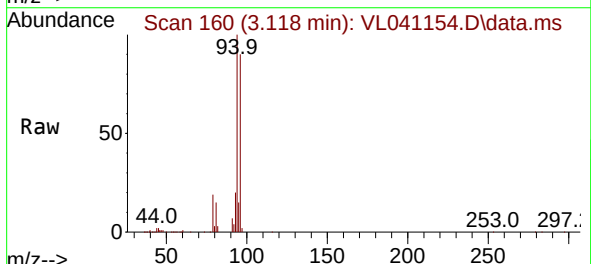
Manual Integrations
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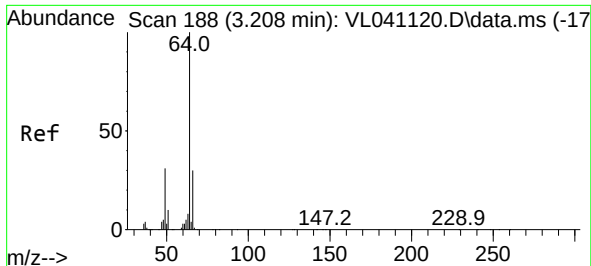
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#6
 Bromomethane
 Concen: 9.777 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

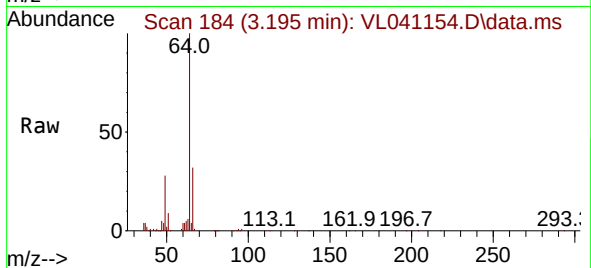
Tgt Ion: 94 Resp: 262781
 Ion Ratio Lower Upper
 94 100
 96 89.6 77.9 116.9





#7
Chloroethane
Concen: 10.466 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

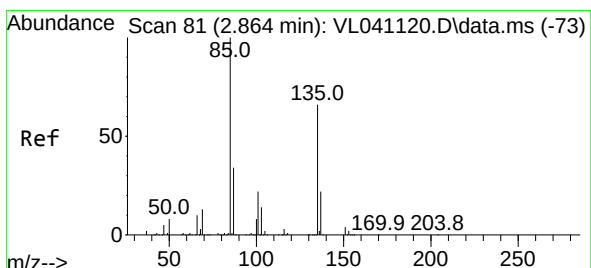
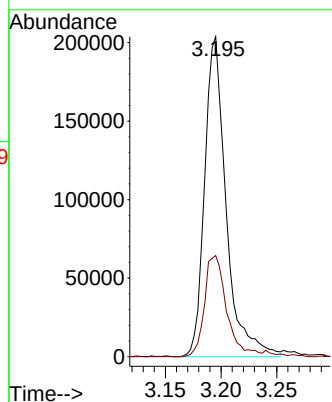
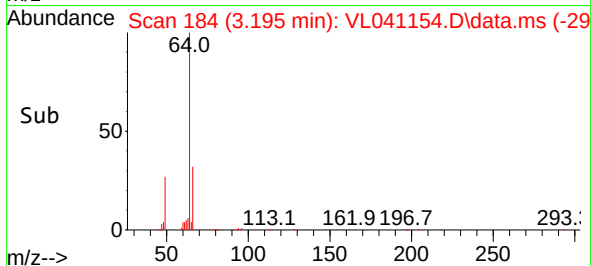
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 64 Resp: 274280
Ion Ratio Lower Upper
64 100
66 31.6 24.2 36.4

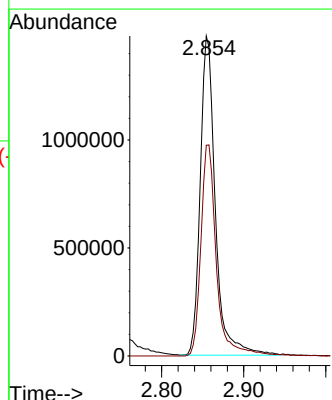
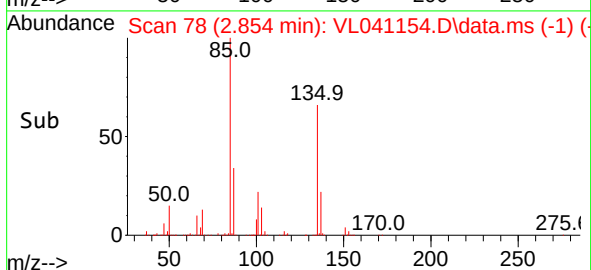
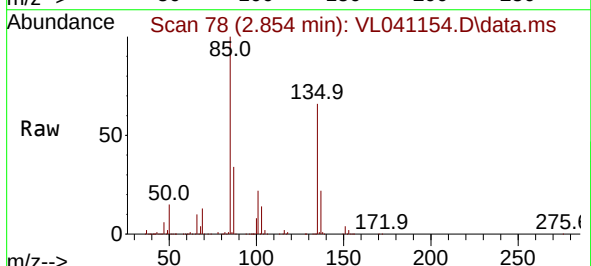
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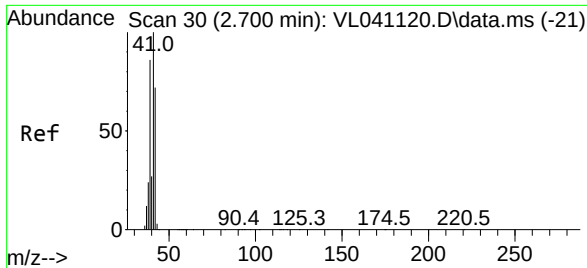
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#8
Dichlorotetrafluoroethane
Concen: 10.219 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 85 Resp: 1891224
Ion Ratio Lower Upper
85 100
135 68.3 54.2 81.2





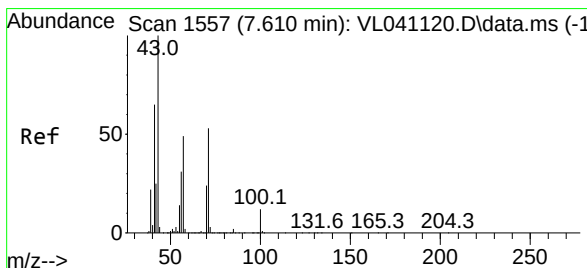
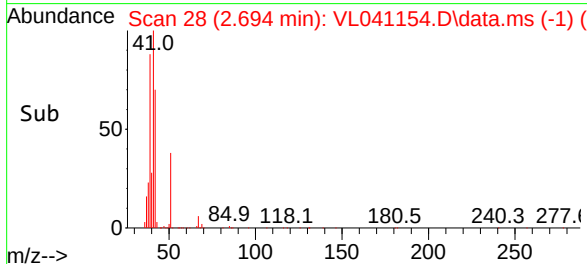
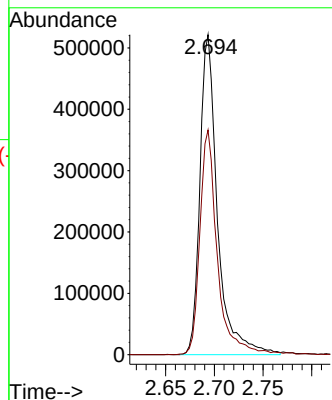
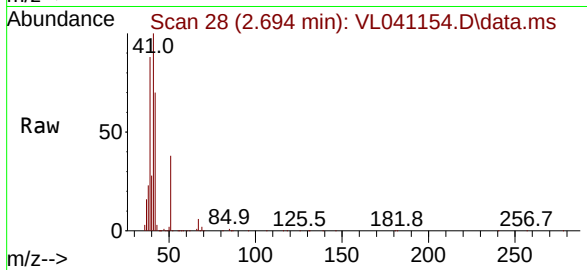
#9
 Propene
 Concen: 10.526 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01

Tgt Ion: 41 Resp: 654050
 Ion Ratio Lower Upper
 41 100
 42 70.5 60.1 90.1

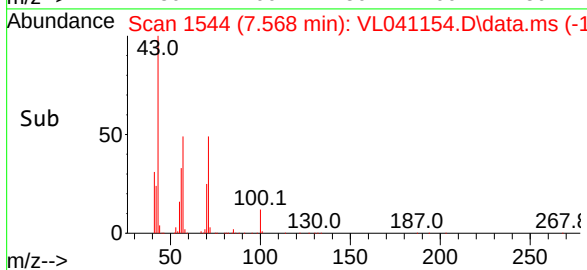
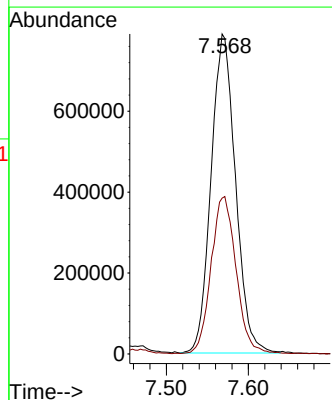
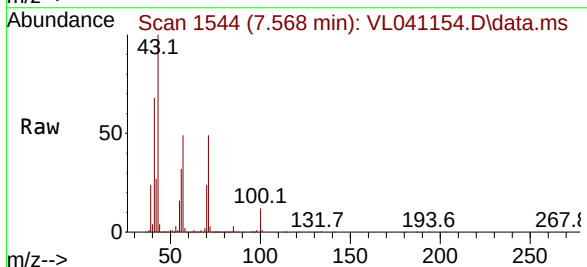
Manual Integrations
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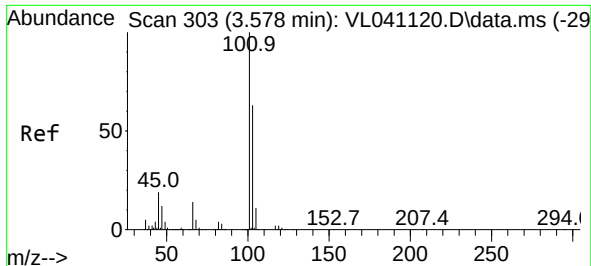
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#10
 Heptane
 Concen: 11.059 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion: 43 Resp: 1631529
 Ion Ratio Lower Upper
 43 100
 57 50.8 39.9 59.9





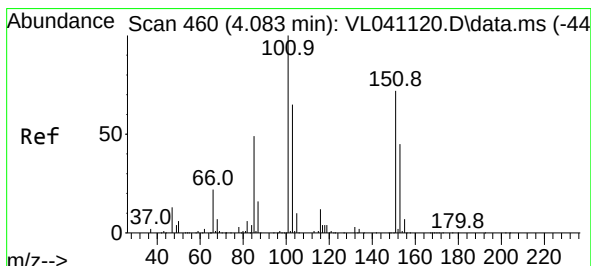
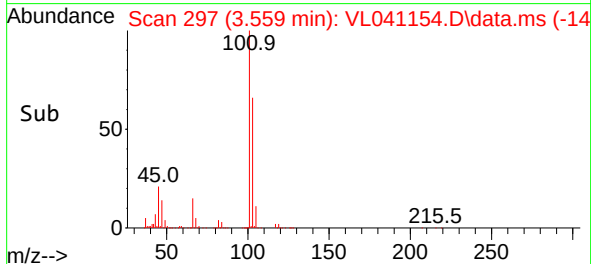
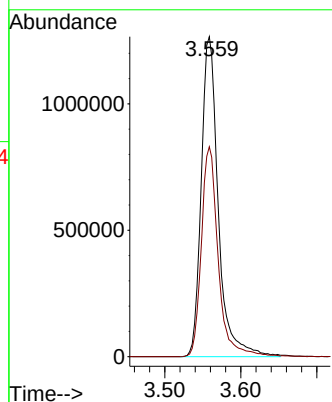
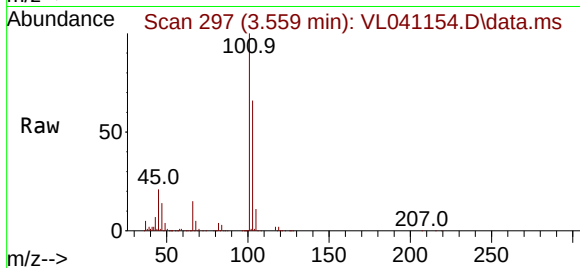
#11
Trichlorofluoromethane
Concen: 10.009 ppbv
RT: 3.559 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01

Tgt Ion:101 Resp: 1969020
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

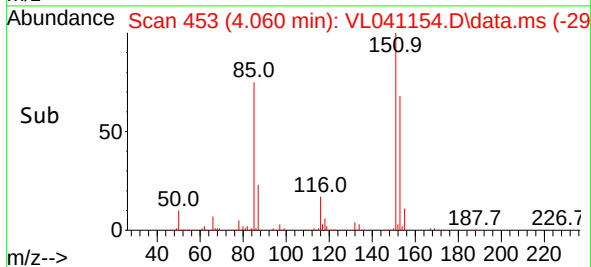
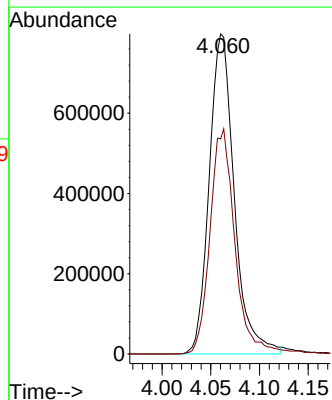
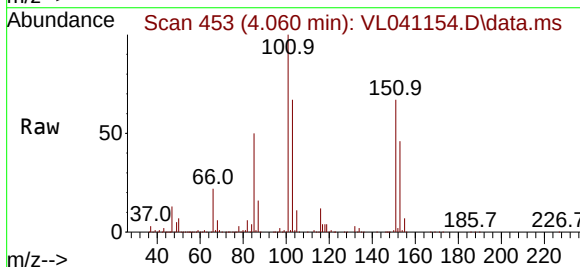
Manual Integrations
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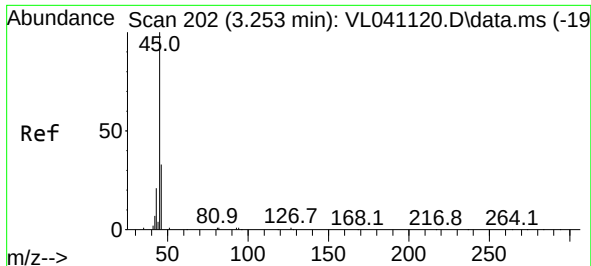
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.019 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

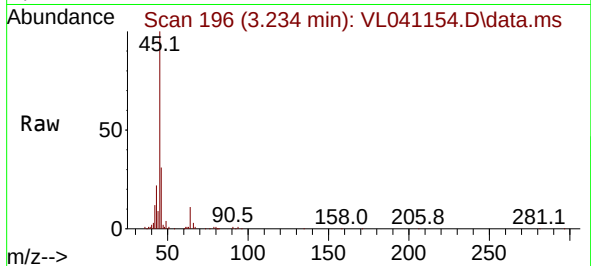
Tgt Ion:101 Resp: 1426653
Ion Ratio Lower Upper
101 100
151 70.6 56.2 84.4





#13
Ethanol
Concen: 9.755 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.010 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

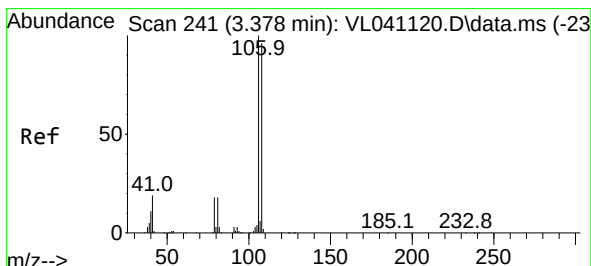
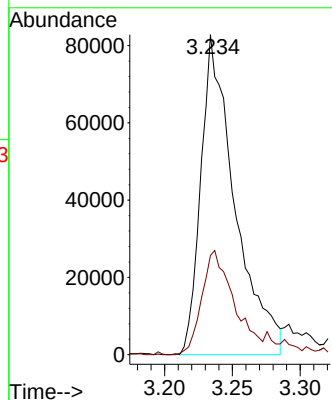
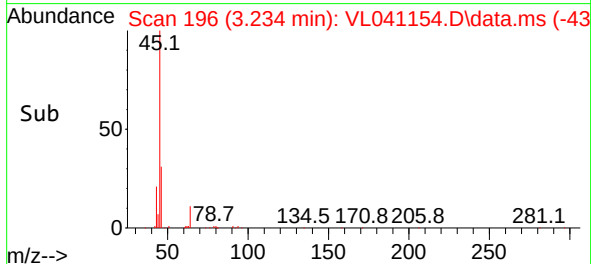
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



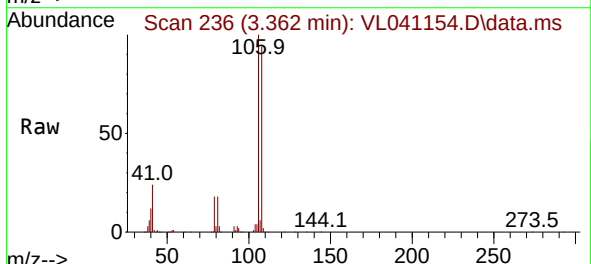
Tgt Ion: 45 Resp: 14418
Ion Ratio Lower Upper
45 100
46 36.3 15.0 59.8

Manual Integrations
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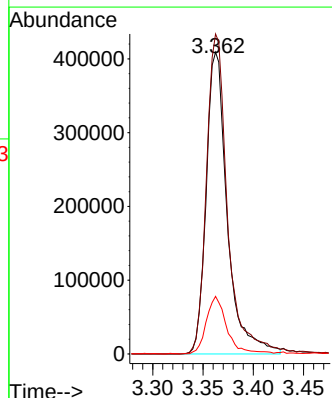
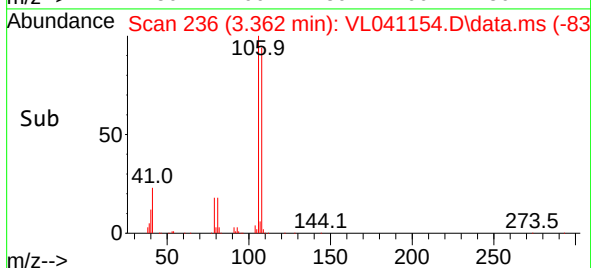
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

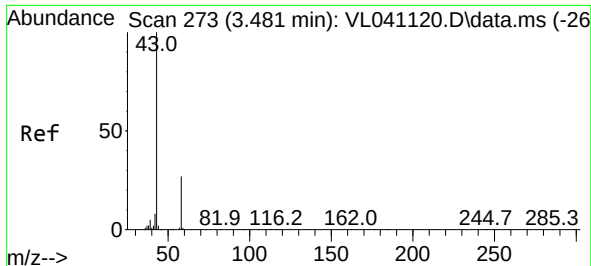


#14
Bromoethene
Concen: 10.640 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



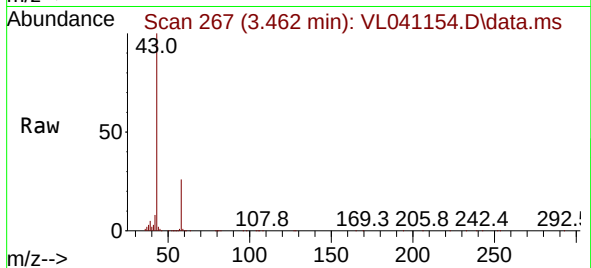
Tgt Ion:108 Resp: 596728
Ion Ratio Lower Upper
108 100
106 107.3 86.0 129.0
79 18.8 15.4 23.2





#15
Acetone
Concen: 10.045 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

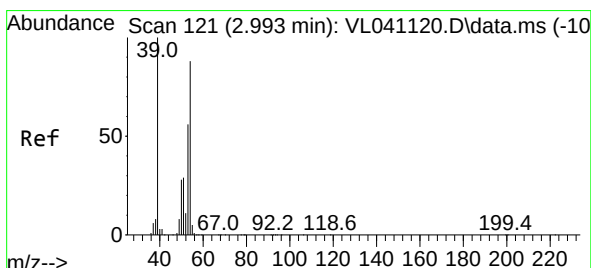
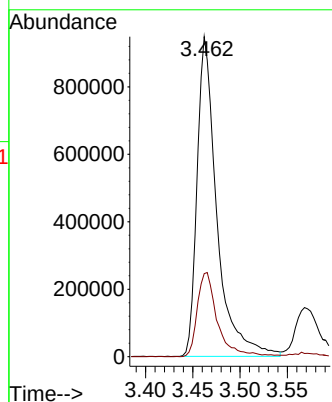
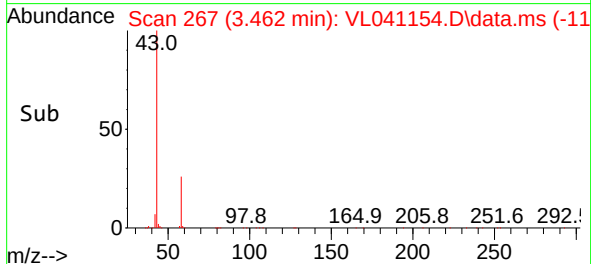
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 43 Resp: 137942
Ion Ratio Lower Upper
43 100
58 27.0 21.1 31.7

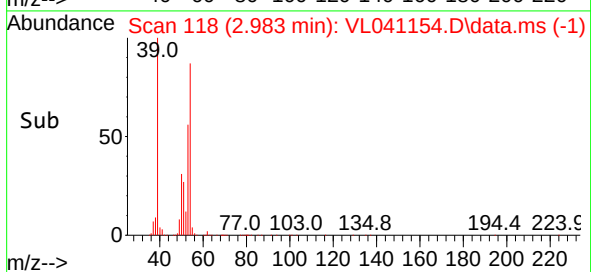
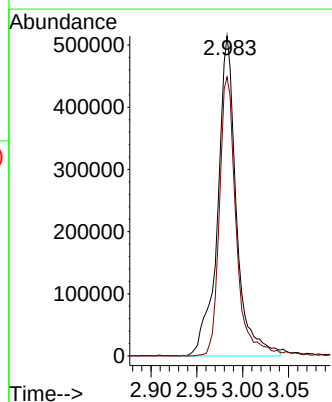
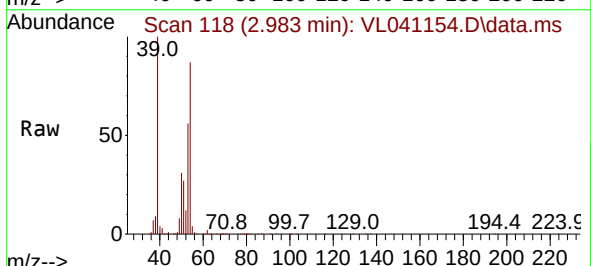
Manual Integrations
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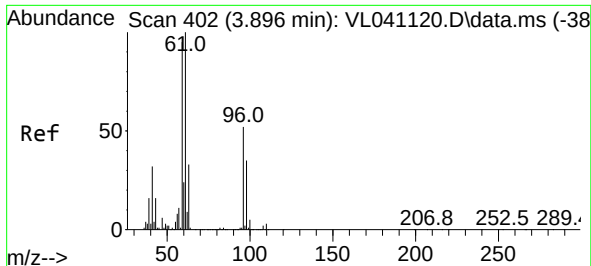
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#16
1,3-Butadiene
Concen: 10.887 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 39 Resp: 733928
Ion Ratio Lower Upper
39 100
54 79.3 63.5 95.3





#17

tert-Butyl alcohol

Concen: 10.809 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion: 59 Resp: 134427

Ion Ratio Lower Upper

59 100

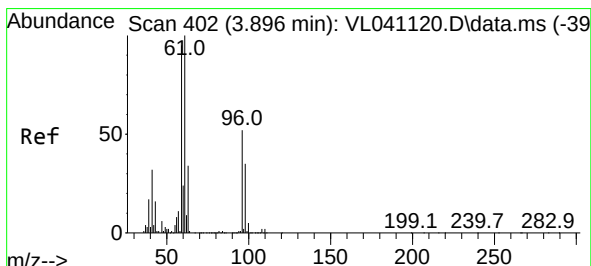
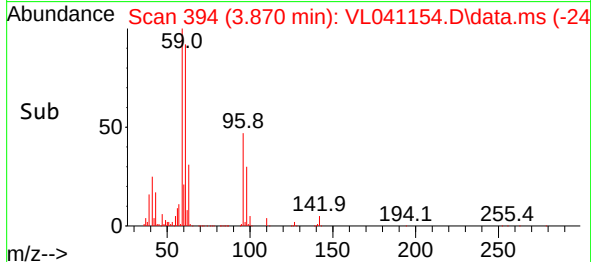
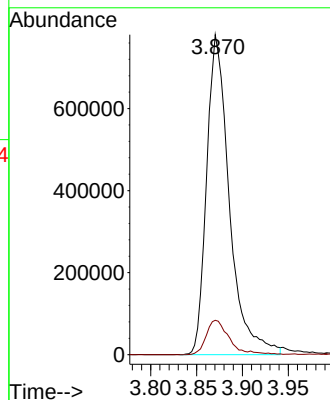
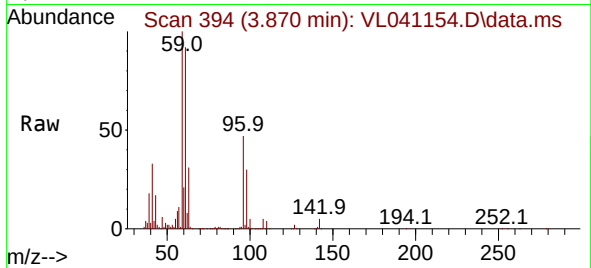
57 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#18

1,1-Dichloroethene

Concen: 10.516 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

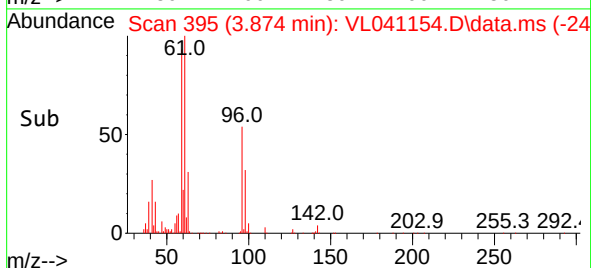
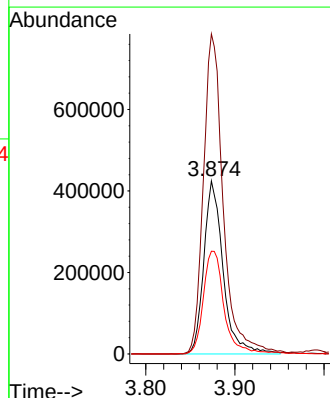
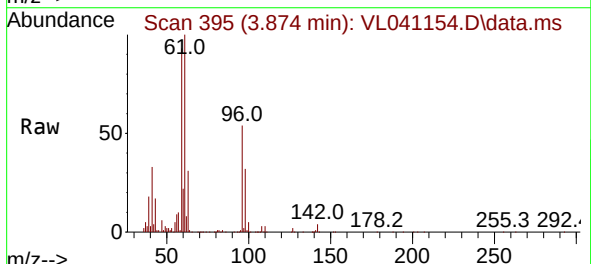
Tgt Ion: 96 Resp: 639291

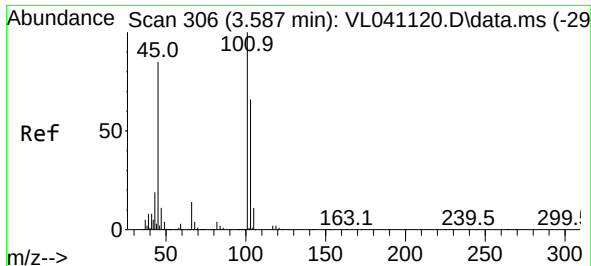
Ion Ratio Lower Upper

96 100

61 185.0 152.6 228.8

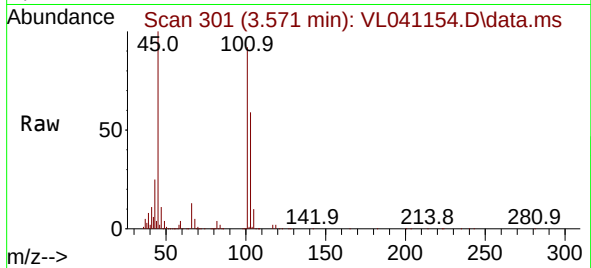
98 59.2 54.0 81.0





#19
Isopropyl Alcohol
Concen: 11.094 ppbv
RT: 3.571 min Scan# 306
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

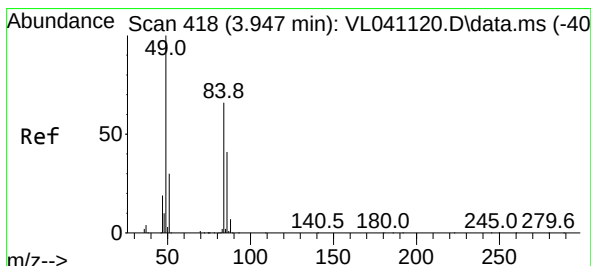
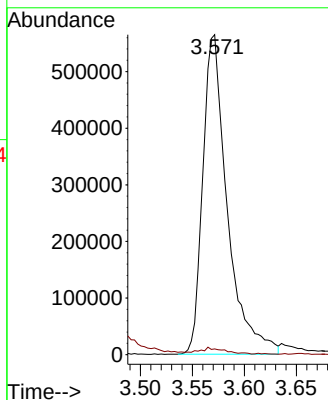
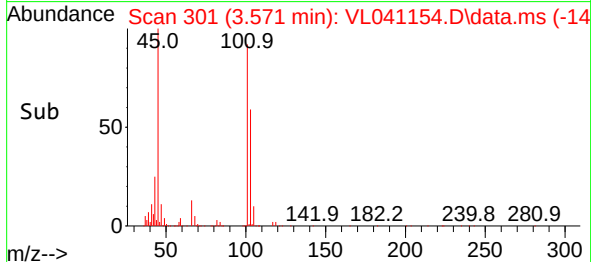
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 45 Resp: 92551
Ion Ratio Lower Upper
45 100
58 2.2 2.8 4.2

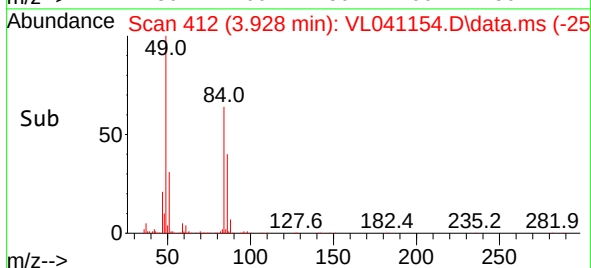
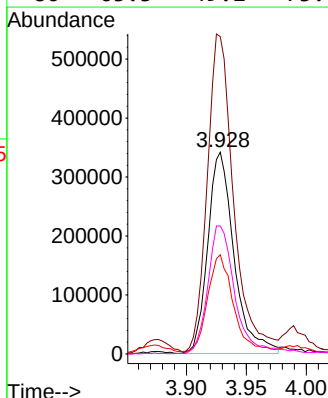
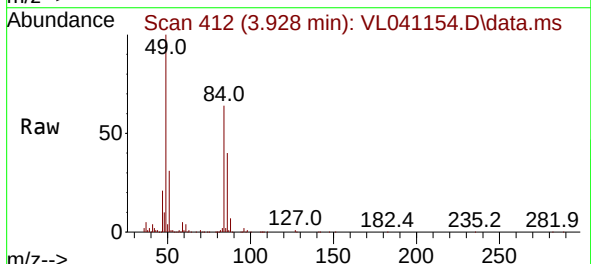
Manual Integrations
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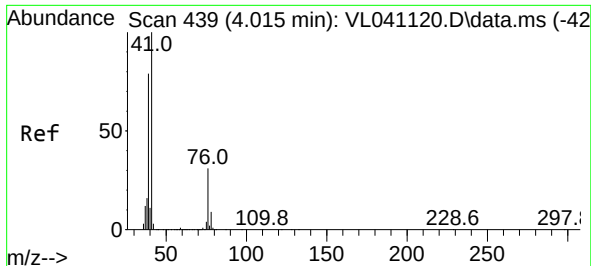
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#20
Methylene Chloride
Concen: 9.224 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

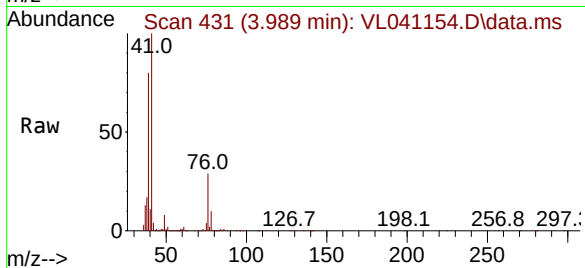
Tgt Ion: 84 Resp: 522434
Ion Ratio Lower Upper
84 100
49 155.4 120.7 181.1
51 48.0 36.6 54.8
86 63.3 49.2 73.8





#21
 Allyl Chloride
 Concen: 10.591 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

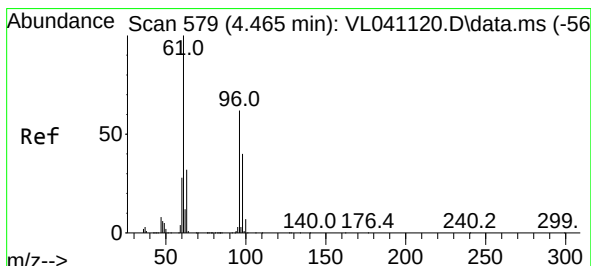
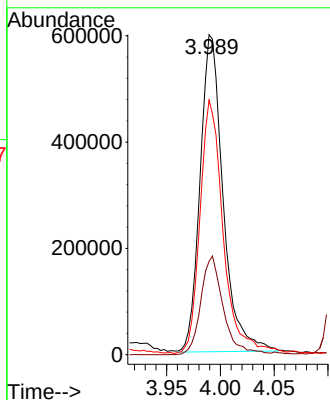
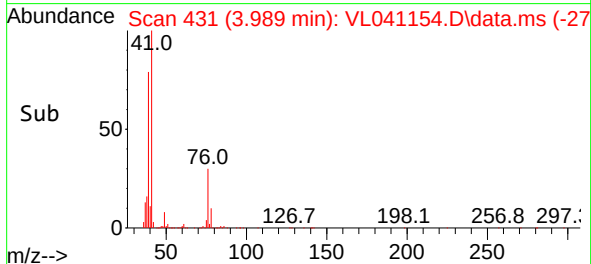
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01



Tgt Ion: 41 Resp: 886227
 Ion Ratio Lower Upper
 41 100
 76 30.9 25.7 38.5
 39 80.9 65.7 98.5

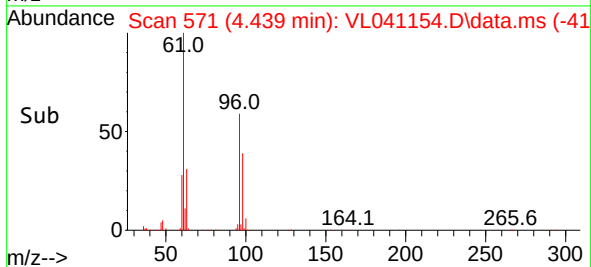
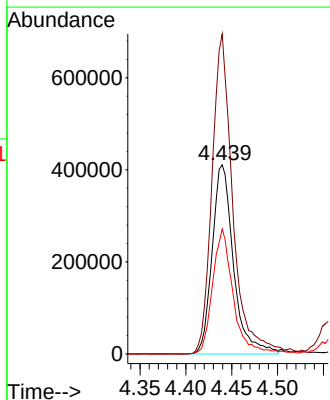
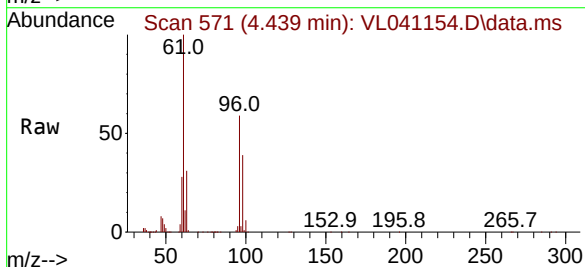
Manual Integrations
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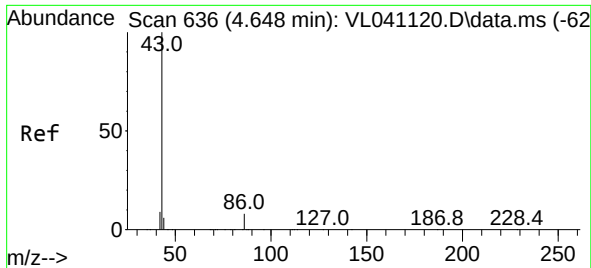
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.453 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

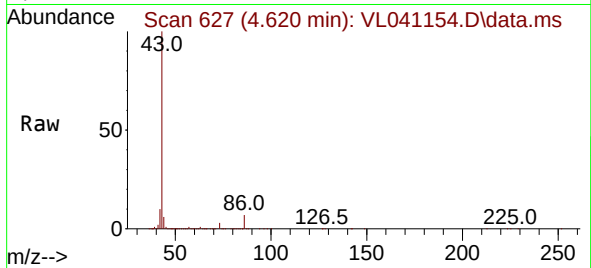
Tgt Ion: 96 Resp: 666185
 Ion Ratio Lower Upper
 96 100
 61 169.2 128.4 192.6
 98 66.1 51.5 77.3





#23
Vinyl Acetate
Concen: 10.809 ppbv
RT: 4.620 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

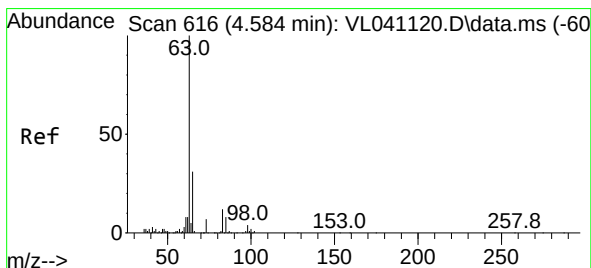
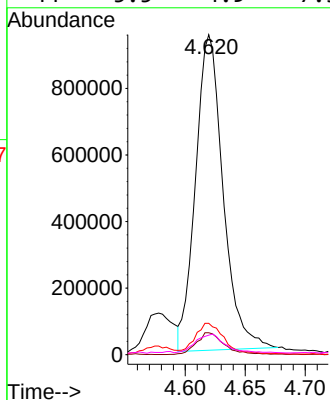
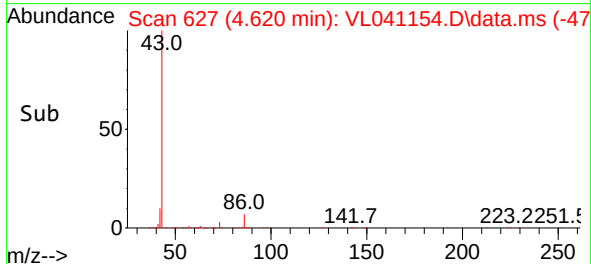
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



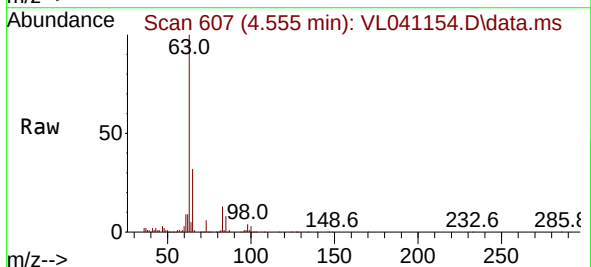
Tgt Ion: 43 Resp: 1516384
Ion Ratio Lower Upper
43 100
86 6.8 6.2 9.4
42 9.7 7.7 11.5
44 5.5 4.9 7.3

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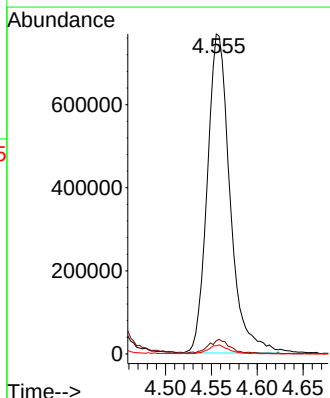
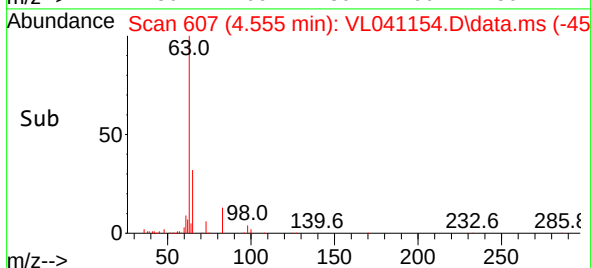
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

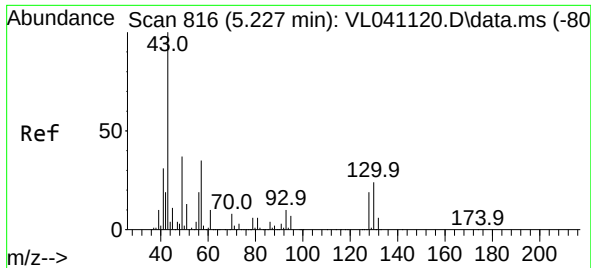


#24
1,1-Dichloroethane
Concen: 10.374 ppbv
RT: 4.555 min Scan# 607
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



Tgt Ion: 63 Resp: 1324132
Ion Ratio Lower Upper
63 100
98 3.8 2.1 6.3
100 2.5 1.1 3.3





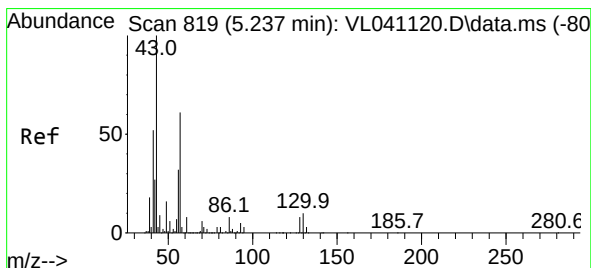
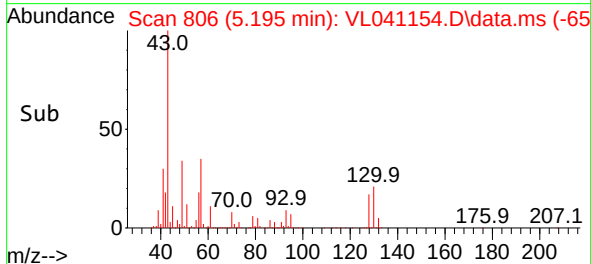
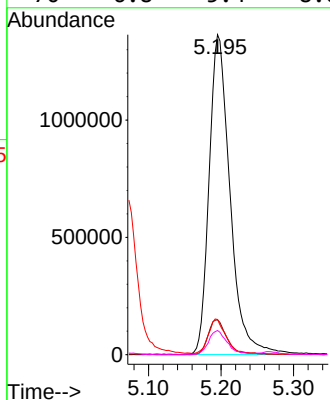
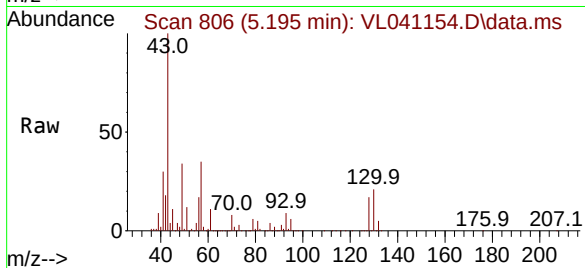
#25
Ethyl Acetate
Concen: 10.541 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01

Tgt Ion: 43 Resp: 271836
Ion Ratio Lower Upper
43 100
45 10.2 8.0 12.0
61 9.9 7.8 11.6
70 6.8 5.4 8.0

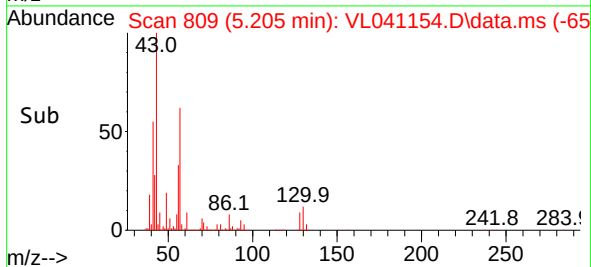
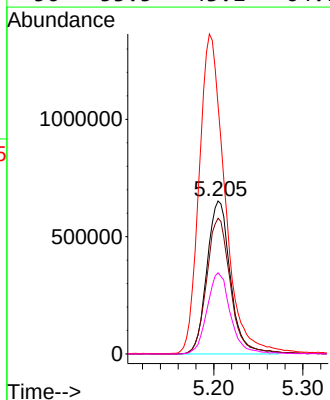
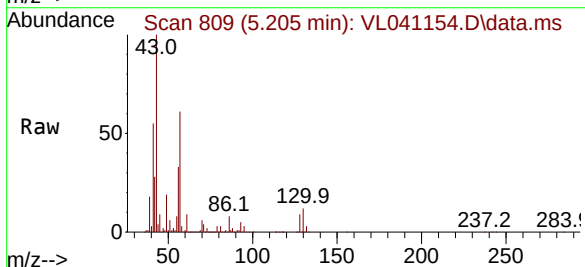
Manual Integrations
APPROVED

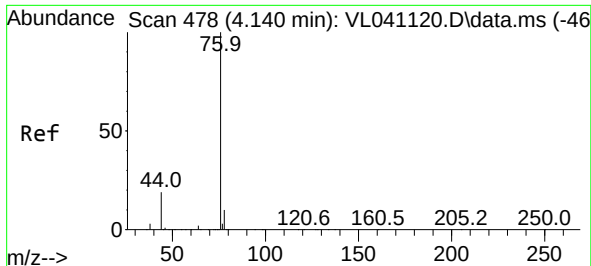
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#26
Hexane
Concen: 10.288 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 57 Resp: 1190527
Ion Ratio Lower Upper
57 100
41 91.7 73.8 110.8
43 230.7 186.2 279.2
56 53.5 43.1 64.7





#27

Carbon Disulfide

Concen: 11.143 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion: 76 Resp: 158001

Ion Ratio Lower Upper

76 100

44 19.9 16.3 24.5

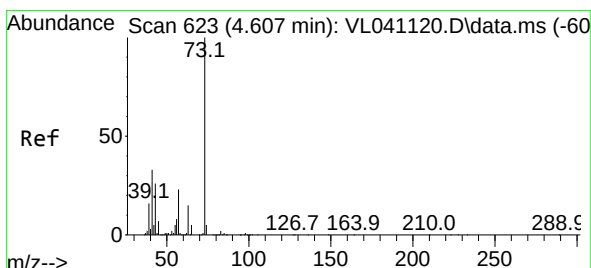
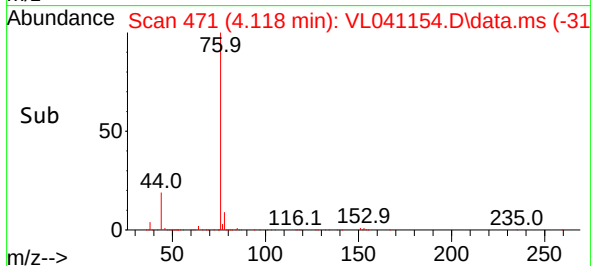
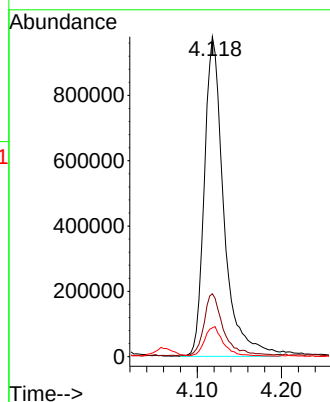
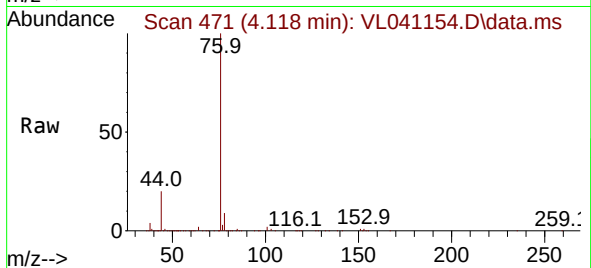
78 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#28

Methyl tert-Butyl Ether

Concen: 10.440 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.003 min

Lab File: VL041154.D

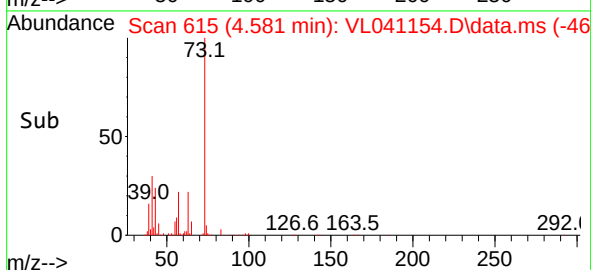
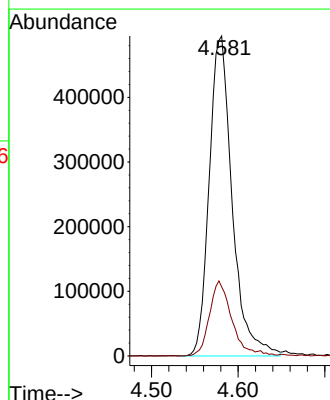
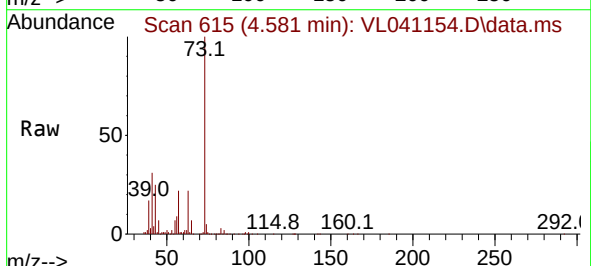
Acq: 23 Apr 2024 10:42

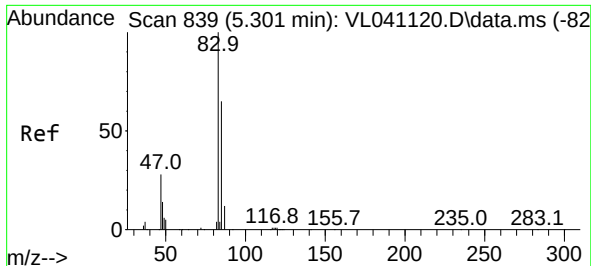
Tgt Ion: 73 Resp: 911674

Ion Ratio Lower Upper

73 100

57 23.3 18.6 27.8





#29

Chloroform

Concen: 10.252 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion: 83 Resp: 199991

Ion Ratio Lower Upper

83 100

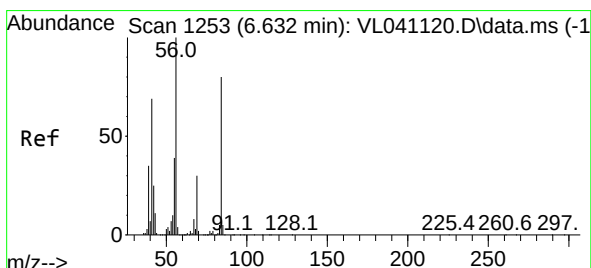
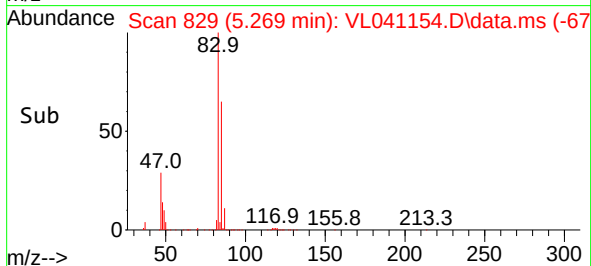
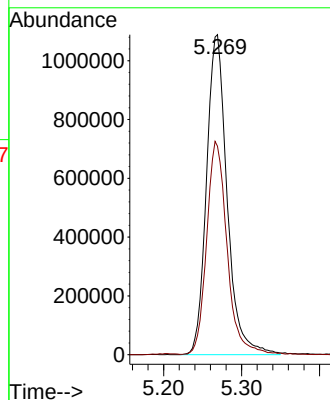
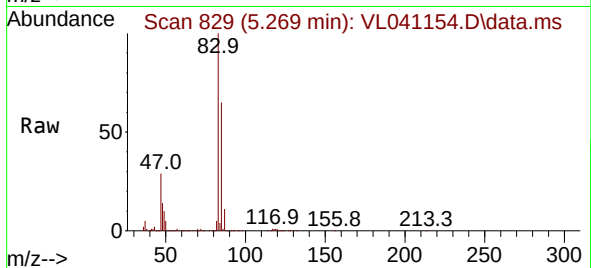
85 65.0 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#30

Cyclohexane

Concen: 10.959 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

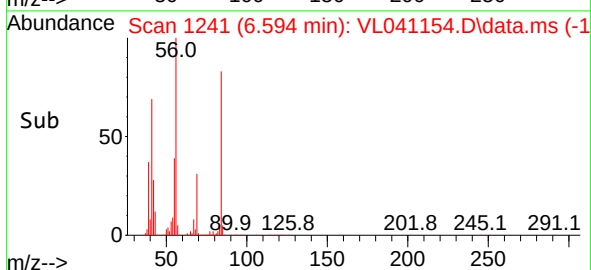
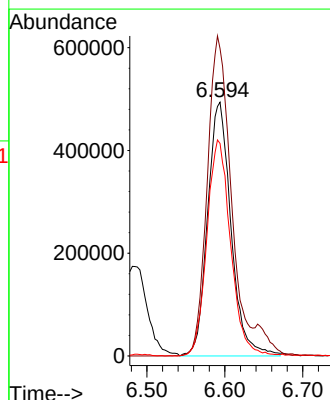
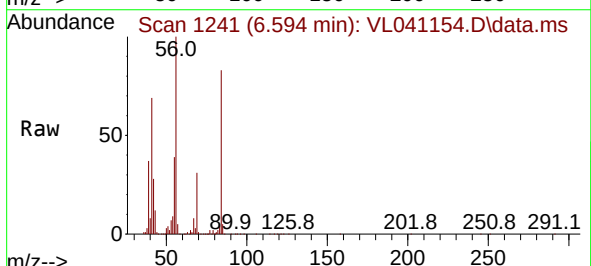
Tgt Ion: 84 Resp: 1033018

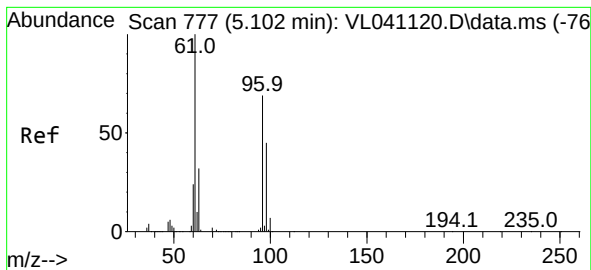
Ion Ratio Lower Upper

84 100

56 134.3 111.9 167.9

41 86.3 71.0 106.6





#31

cis-1,2-Dichloroethene

Concen: 10.827 ppbv

RT: 5.070 min Scan# 70

Delta R.T. -0.006 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion: 61 Resp: 1185890

Ion Ratio Lower Upper

61 100

96 67.7 54.9 82.3

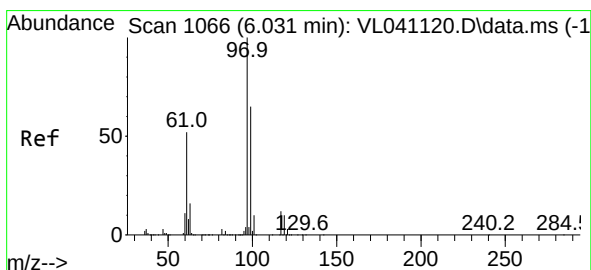
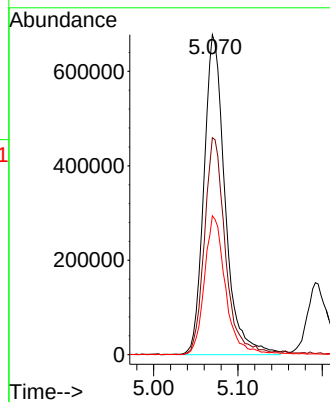
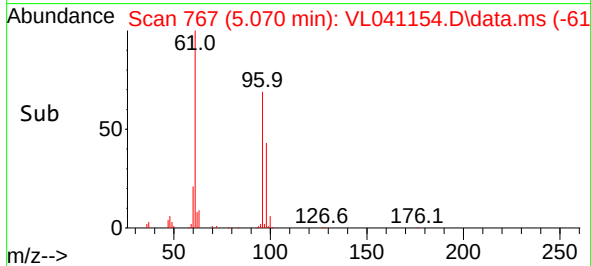
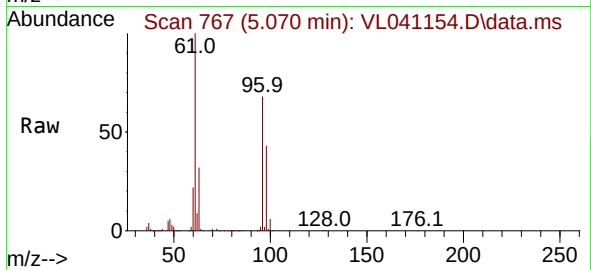
98 43.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#32

1,1,1-Trichloroethane

Concen: 11.012 ppbv

RT: 5.996 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

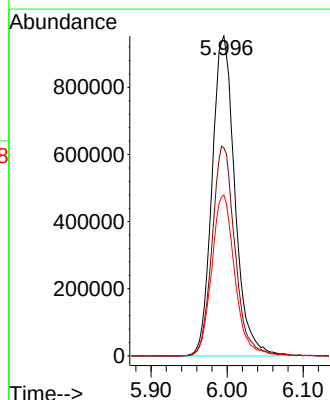
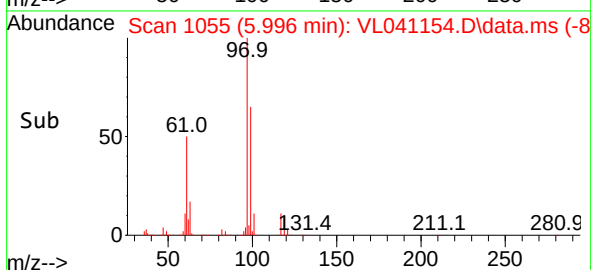
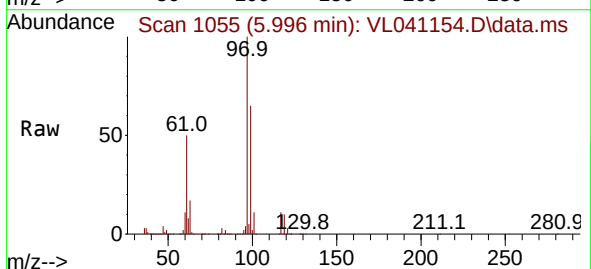
Tgt Ion: 97 Resp: 1985754

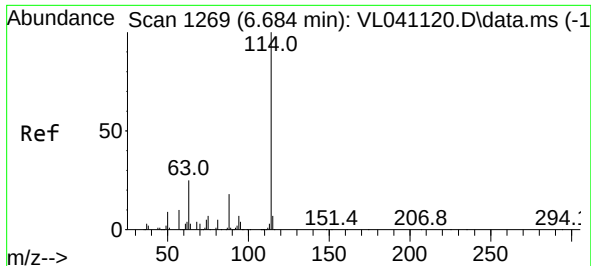
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

61 51.2 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041154.D

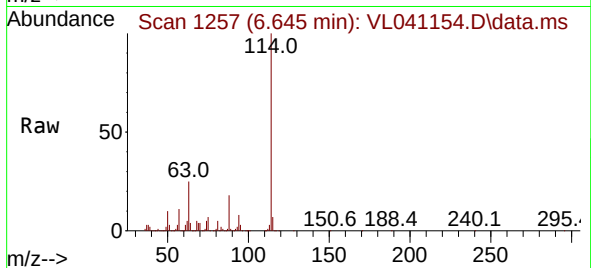
Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01



Tgt Ion:114 Resp: 3266669

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

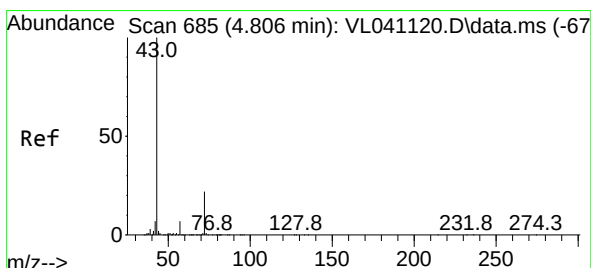
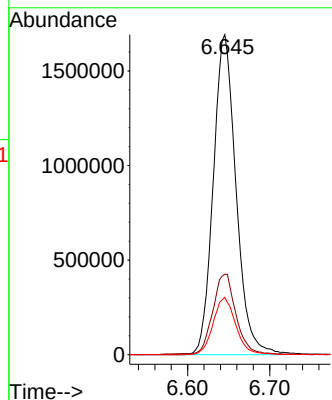
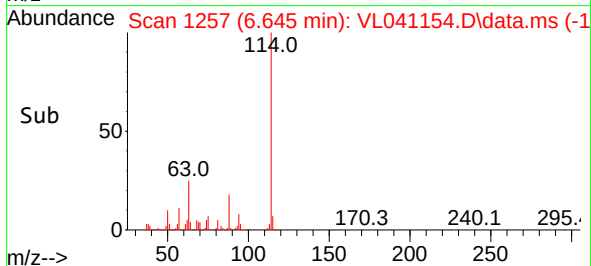
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#34

2-Butanone

Concen: 10.719 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL041154.D

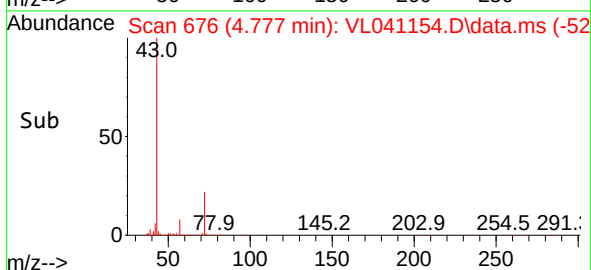
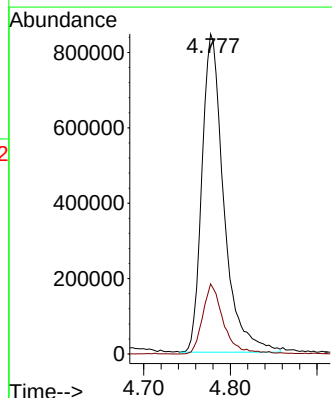
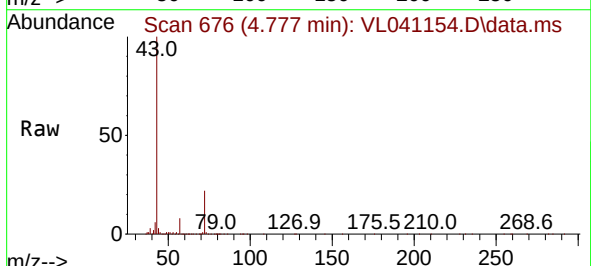
Acq: 23 Apr 2024 10:42

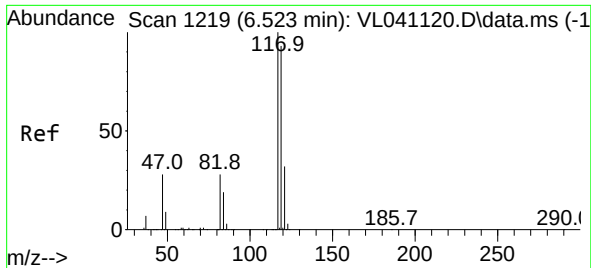
Tgt Ion: 43 Resp: 1481740

Ion Ratio Lower Upper

43 100

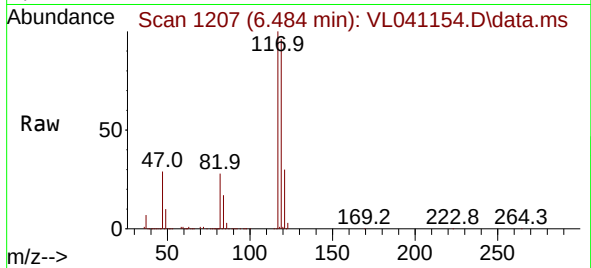
72 21.1 17.6 26.4





#35
Carbon Tetrachloride
Concen: 11.305 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

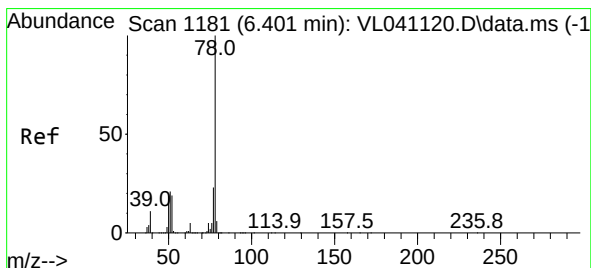
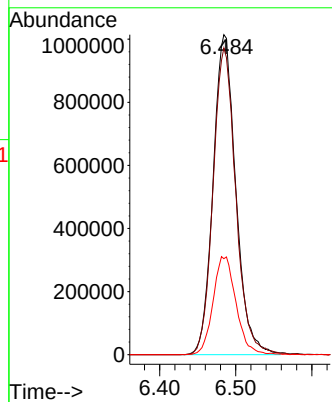
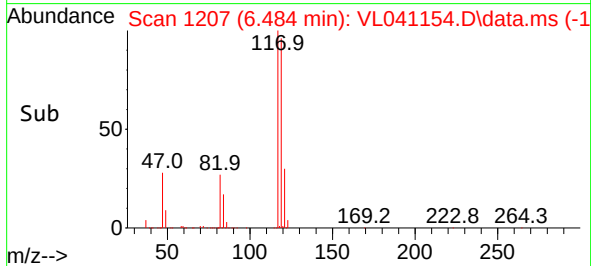
Instrument : MSVOA_L
ClientSampleId : VL0423ABS01



Tgt Ion: 117 Resp: 210259
Ion Ratio Lower Upper
117 100
119 95.8 74.2 111.4
121 30.0 25.4 38.2

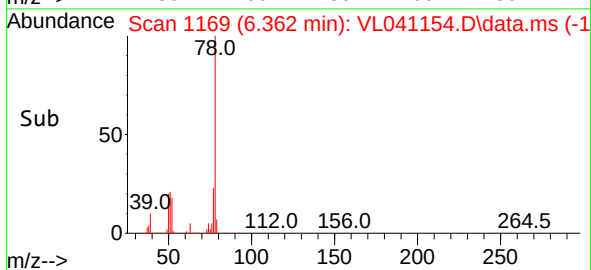
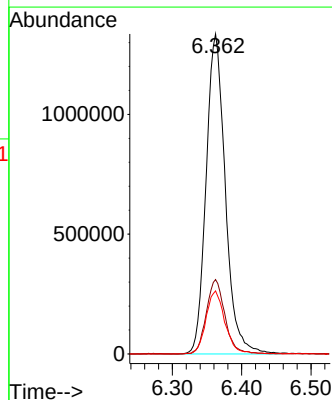
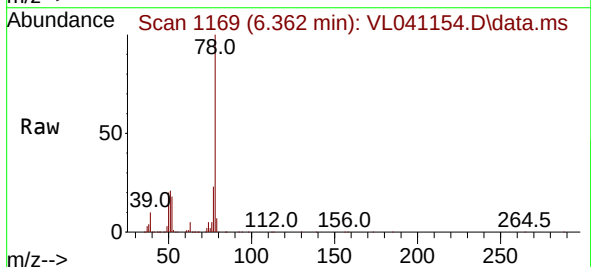
Manual Integrations
APPROVED

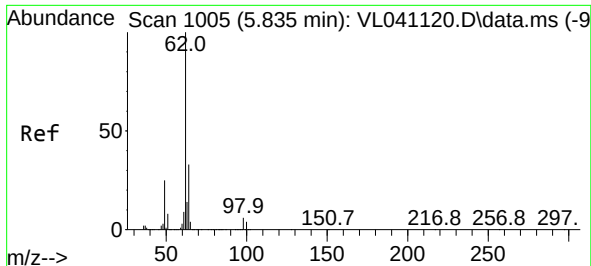
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#36
Benzene
Concen: 10.704 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

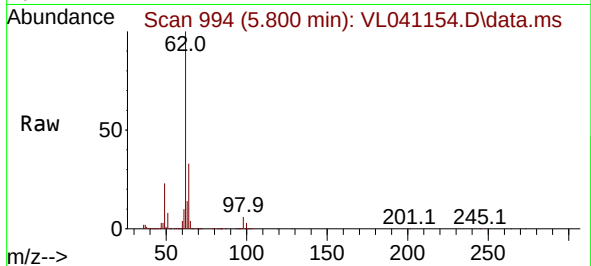
Tgt Ion: 78 Resp: 2567643
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4
50 19.6 15.4 23.2





#37
1,2-Dichloroethane
Concen: 10.564 ppbv
RT: 5.800 min Scan# 994
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

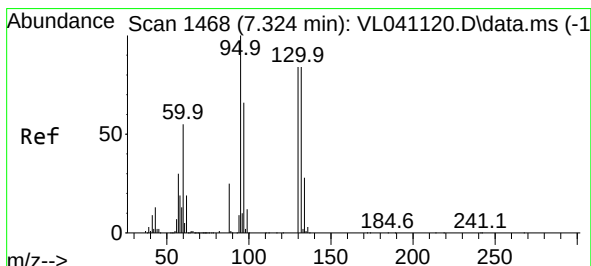
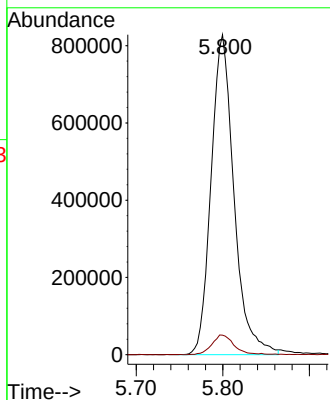
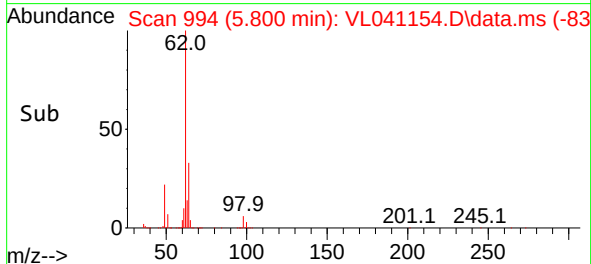
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 62 Resp: 1521500
Ion Ratio Lower Upper
62 100
98 6.2 4.6 7.0

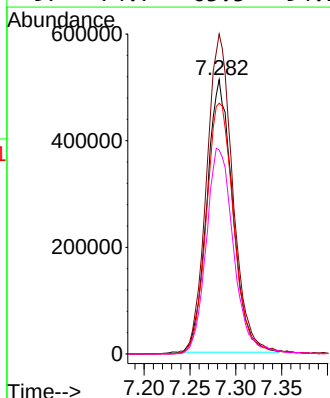
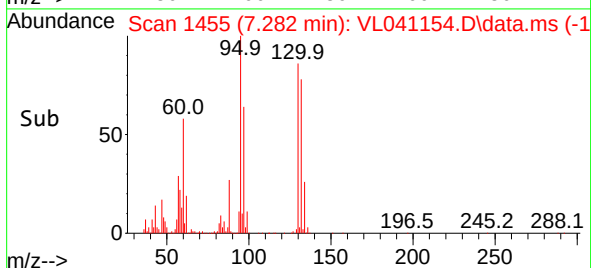
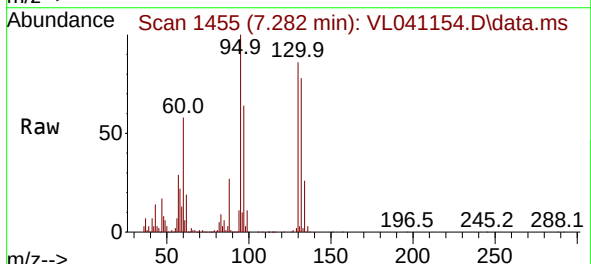
Manual Integrations
APPROVED

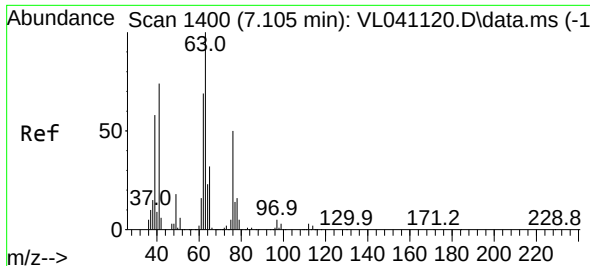
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#38
Trichloroethene
Concen: 11.540 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion:130 Resp: 1000104
Ion Ratio Lower Upper
130 100
95 117.0 95.4 143.0
132 91.7 80.0 120.0
97 74.7 63.3 94.9





#39

1,2-Dichloropropane

Concen: 10.636 ppbv

RT: 7.066 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion: 63 Resp: 100603

Ion Ratio Lower Upper

63 100

41 71.9 58.7 88.1

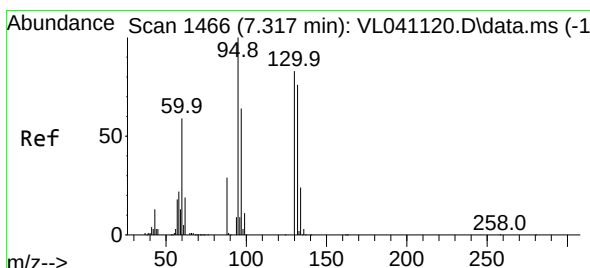
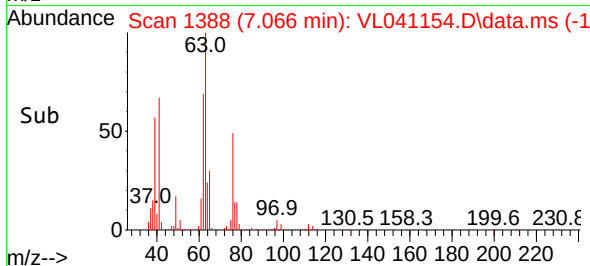
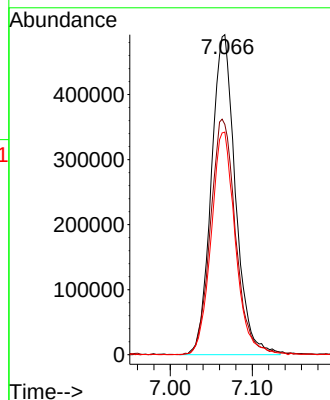
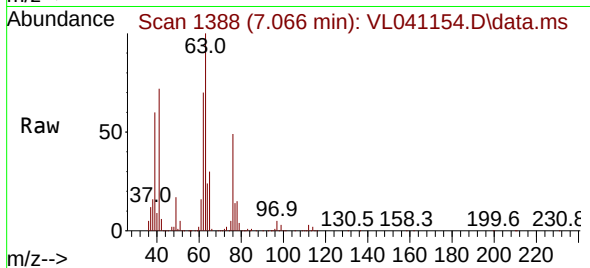
62 69.5 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#40

1,4-Dioxane

Concen: 12.348 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Tgt Ion: 88 Resp: 407065

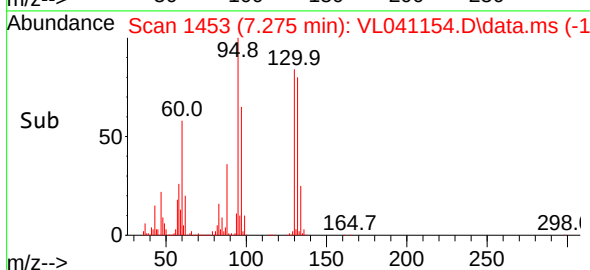
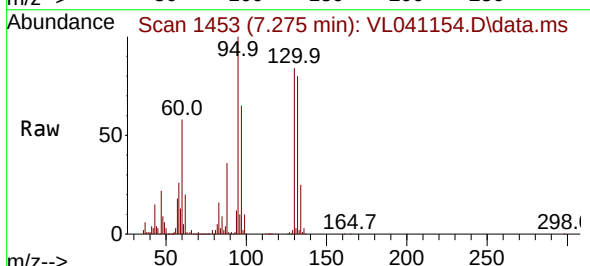
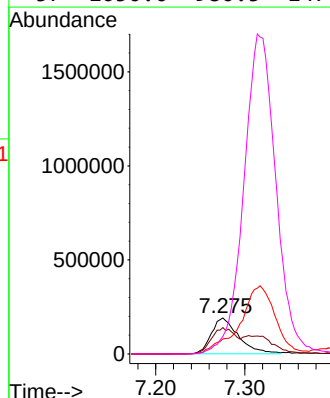
Ion Ratio Lower Upper

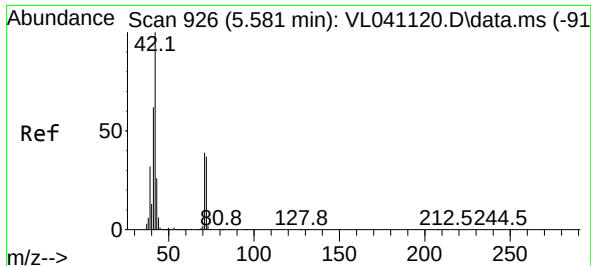
88 100

58 121.8 107.8 161.6

43 243.8 223.8 335.6

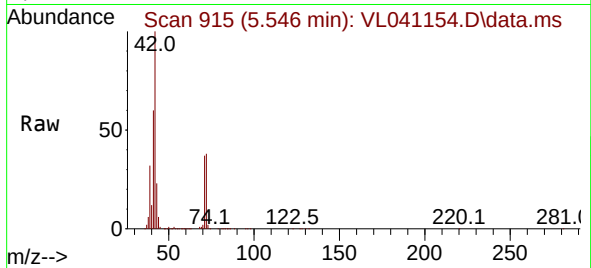
57 1050.0 980.5 1470.7





#41
Tetrahydrofuran
Concen: 11.350 ppbv
RT: 5.546 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

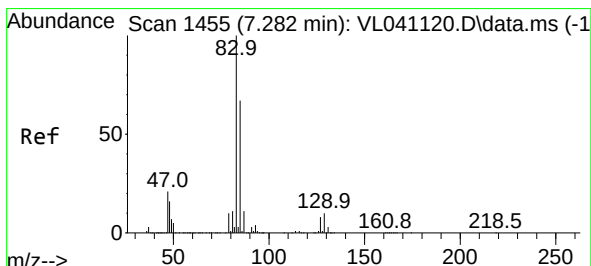
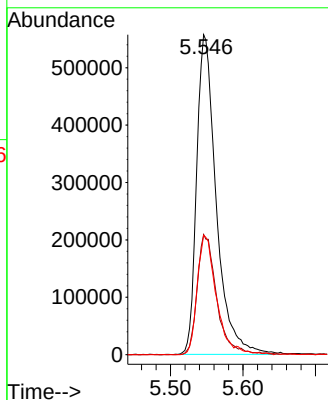
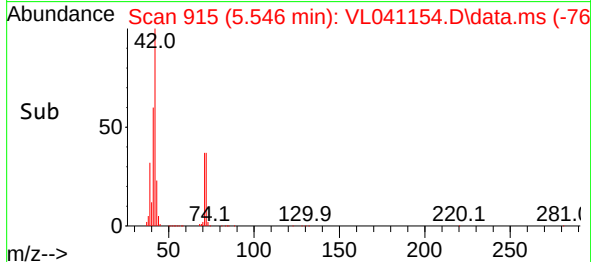
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 42 Resp: 1044600
Ion Ratio Lower Upper
42 100
72 37.9 31.2 46.8
71 36.9 29.9 44.9

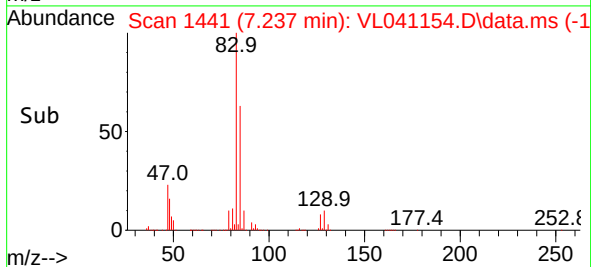
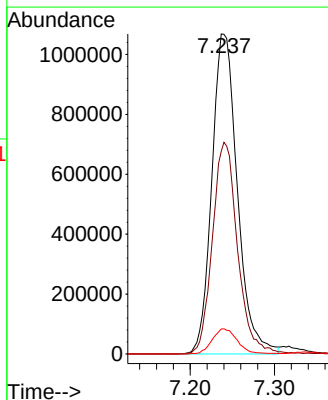
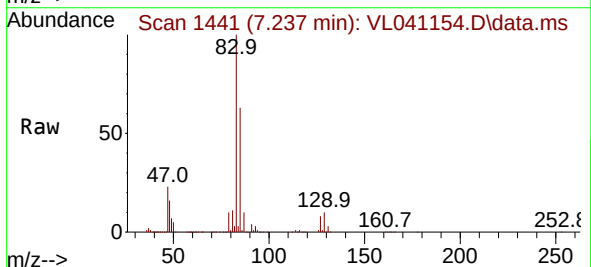
Manual Integrations
APPROVED

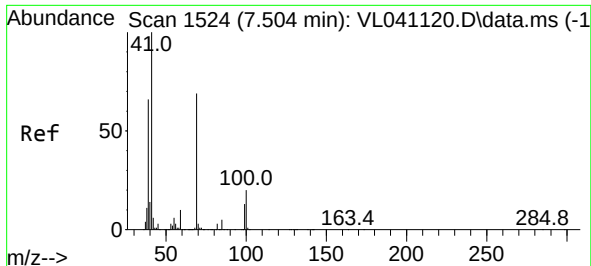
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#42
Bromodichloromethane
Concen: 10.932 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

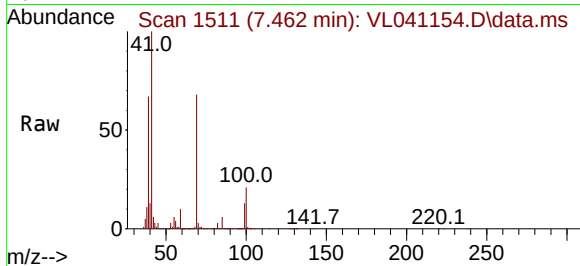
Tgt Ion: 83 Resp: 2249518
Ion Ratio Lower Upper
83 100
85 63.3 53.5 80.3
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.706 ppbv
RT: 7.462 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

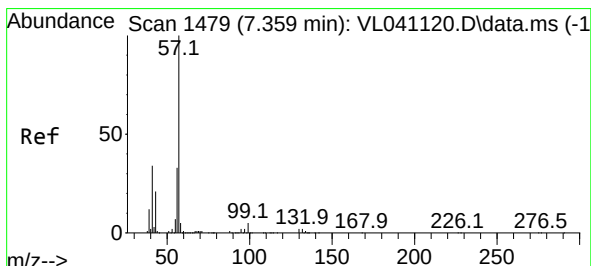
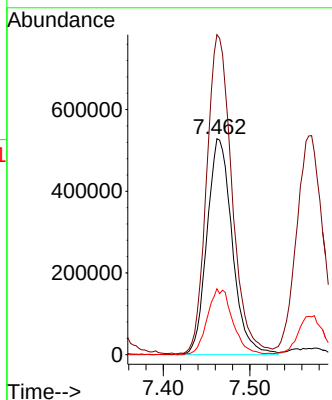
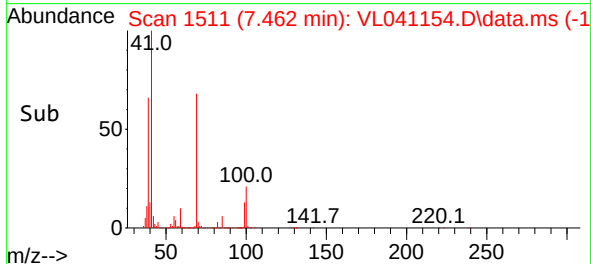
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



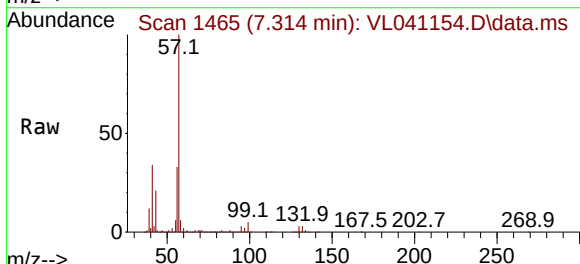
Tgt Ion: 69 Resp: 1069679
Ion Ratio Lower Upper
69 100
41 148.1 119.2 178.8
100 30.8 24.6 37.0

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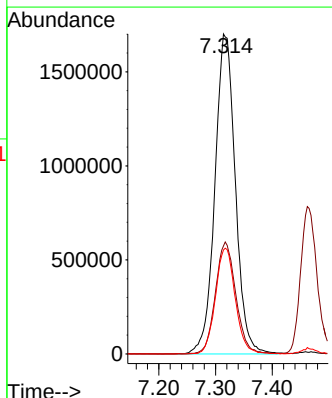
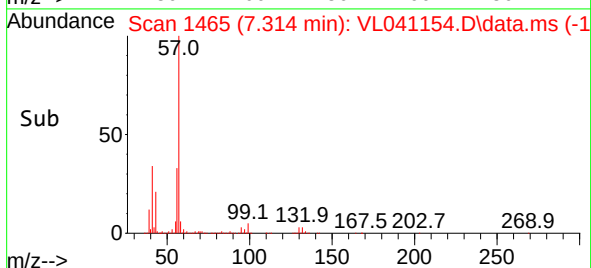
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

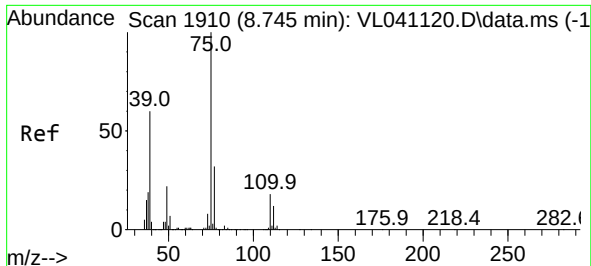


#44
2,2,4-Trimethylpentane
Concen: 10.749 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



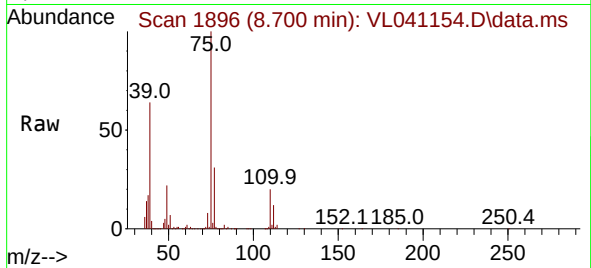
Tgt Ion: 57 Resp: 4268715
Ion Ratio Lower Upper
57 100
41 35.0 28.2 42.2
56 32.1 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 13.522 ppbv
RT: 8.700 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

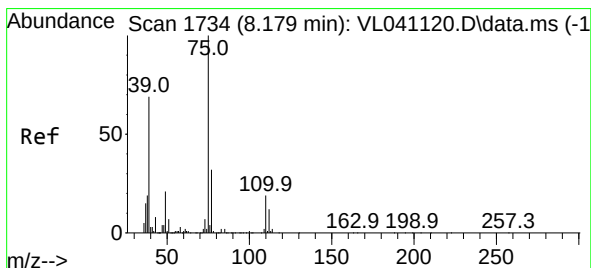
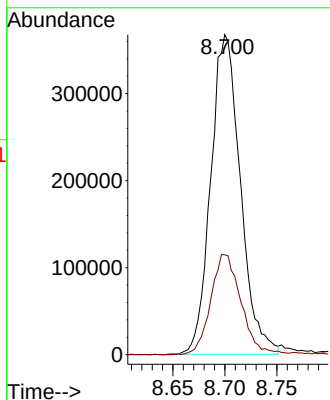
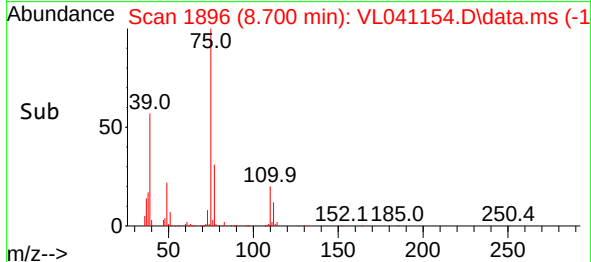
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 75 Resp: 728160
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

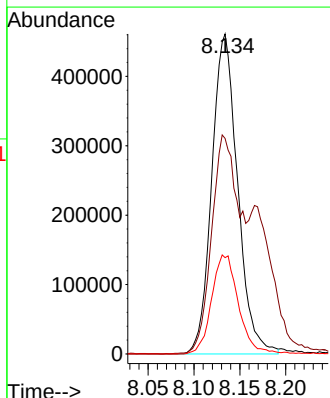
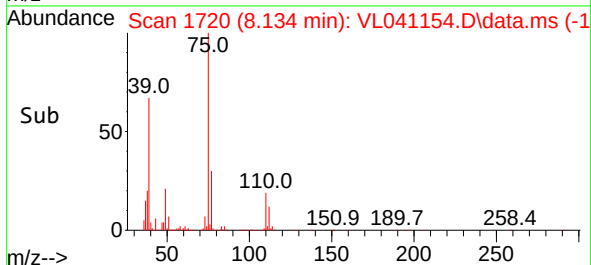
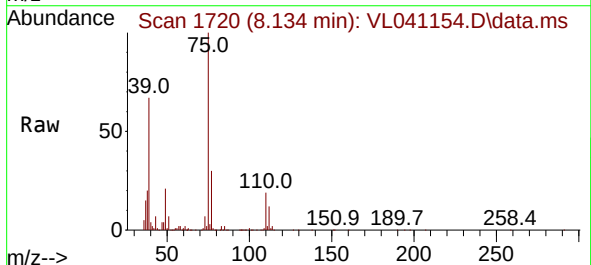
Manual Integrations
APPROVED

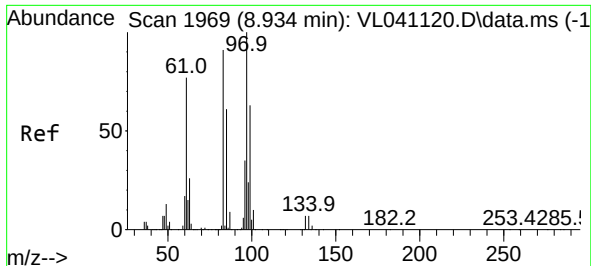
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#46
cis-1,3-Dichloropropene
Concen: 12.960 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 75 Resp: 902921
Ion Ratio Lower Upper
75 100
39 67.1 55.1 82.7
77 30.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.803 ppbv

RT: 8.889 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VL041154.D

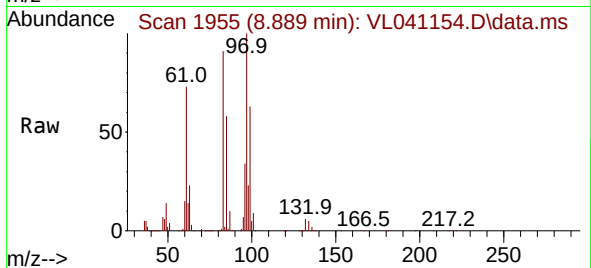
Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01



Tgt Ion: 97 Resp: 110436

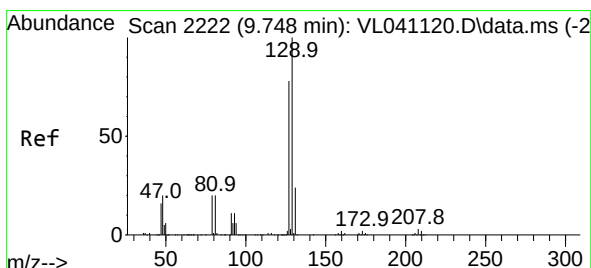
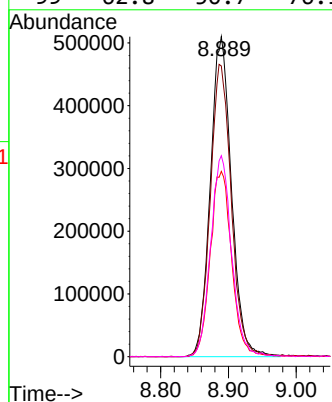
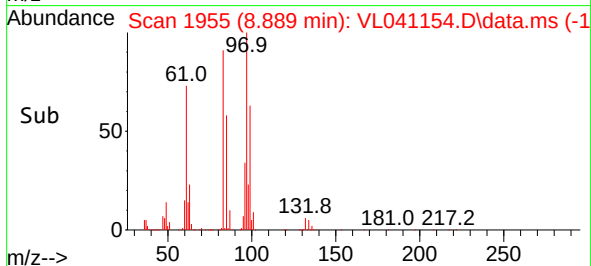
Ion	Ratio	Lower	Upper
97	100		
83	90.9	72.9	109.3
85	57.8	49.1	73.7
99	62.8	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#48

Dibromochloromethane

Concen: 11.586 ppbv

RT: 9.700 min Scan# 2207

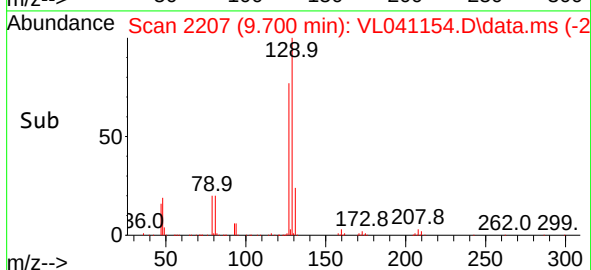
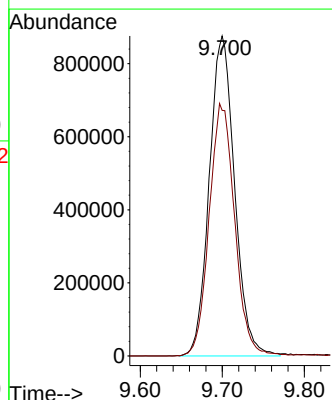
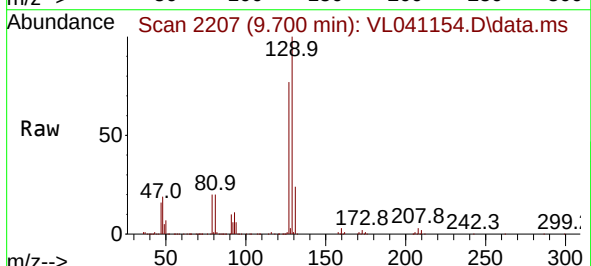
Delta R.T. -0.000 min

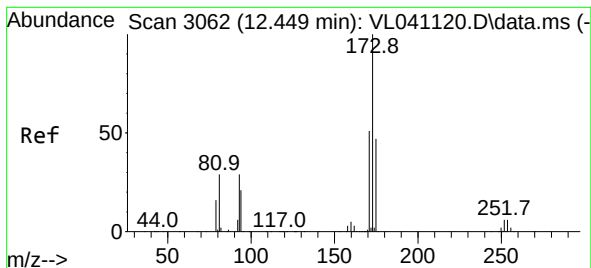
Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Tgt Ion:129 Resp: 1880136

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.3	117.9





#49

Bromoform

Concen: 12.074 ppbv

RT: 12.397 min Scan# 3062

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion:173 Resp: 1552318

Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.0

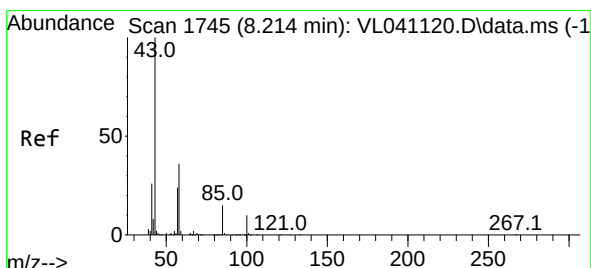
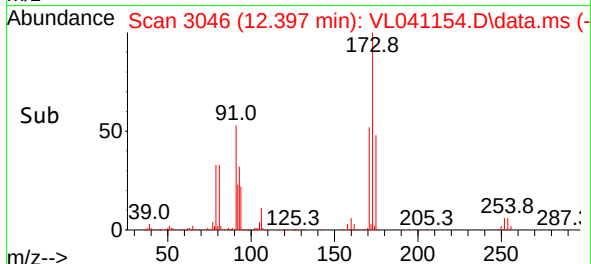
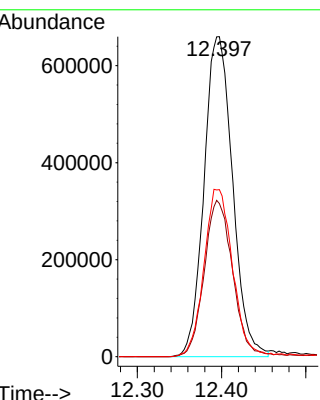
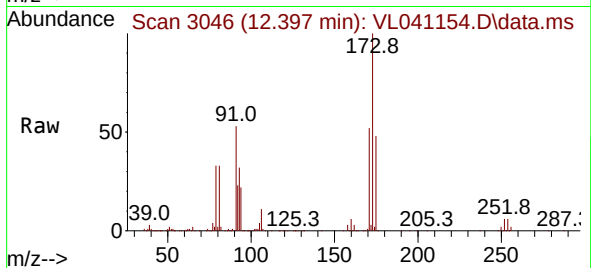
171 53.6 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#50

4-Methyl-2-Pentanone

Concen: 11.340 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.003 min

Lab File: VL041154.D

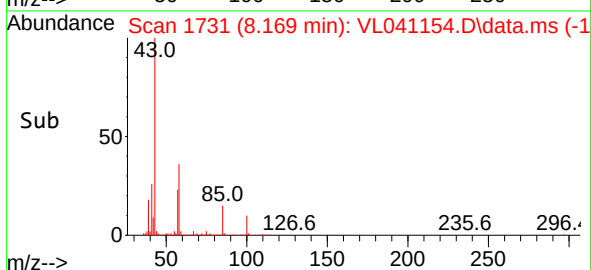
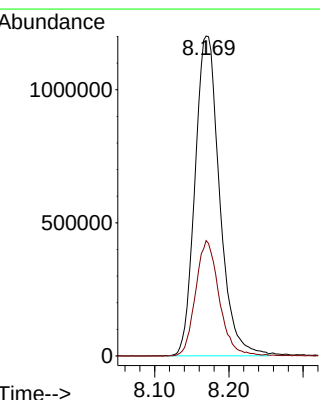
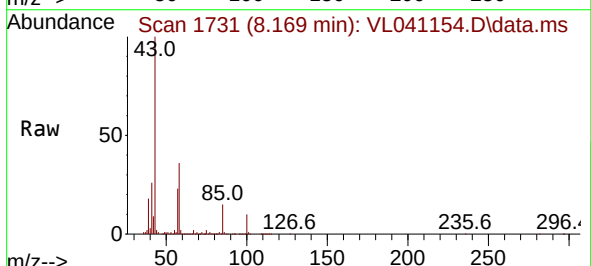
Acq: 23 Apr 2024 10:42

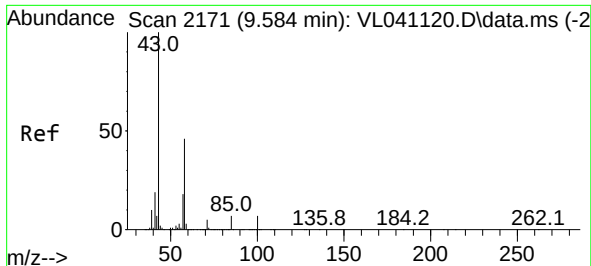
Tgt Ion: 43 Resp: 2758532

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5





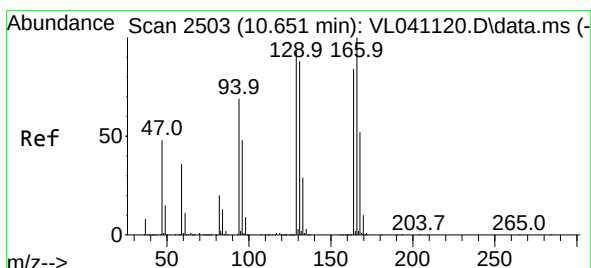
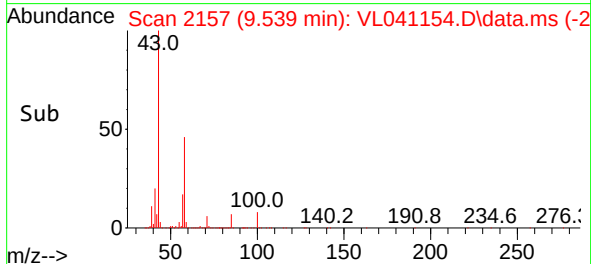
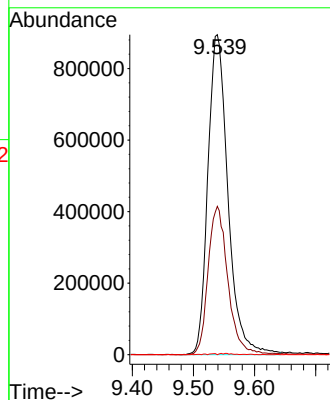
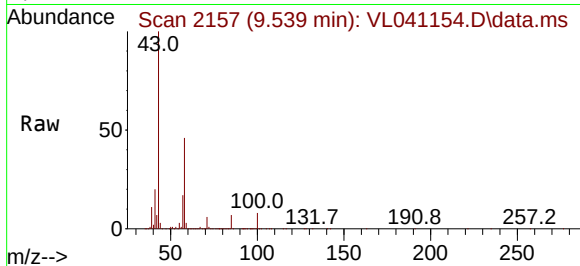
#51
2-Hexanone
Concen: 12.097 ppbv
RT: 9.539 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument : MSVOA_L
ClientSampleId : VL0423ABS01

Tgt Ion: 43 Resp: 2040410
Ion Ratio Lower Upper
43 100
58 45.9 37.3 55.9
98 0.2 0.3 0.5

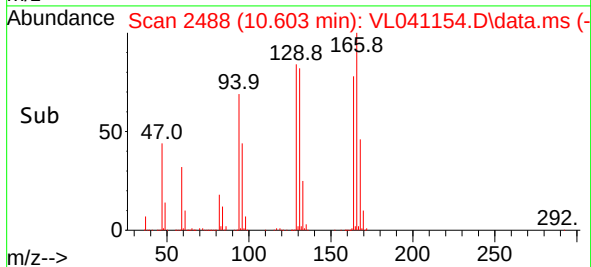
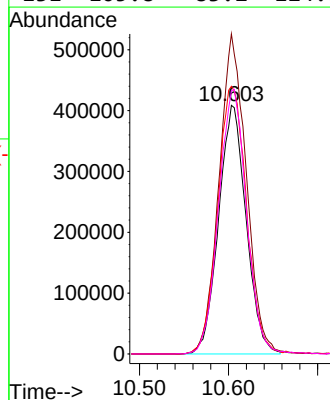
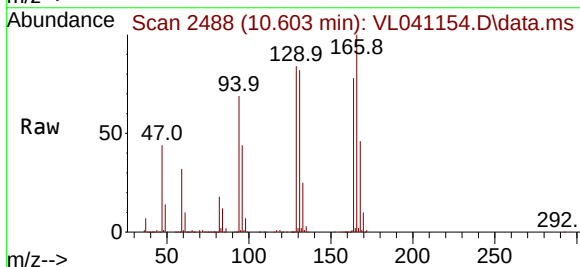
Manual Integrations
APPROVED

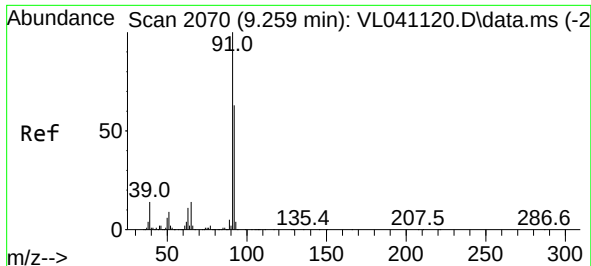
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#52
Tetrachloroethene
Concen: 11.436 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

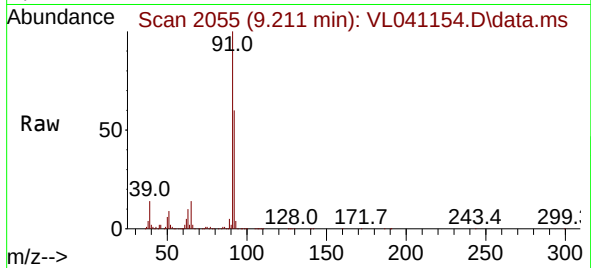
Tgt Ion:164 Resp: 875296
Ion Ratio Lower Upper
164 100
166 128.7 95.0 142.6
129 107.7 88.7 133.1
131 105.8 83.2 124.8





#53
Toluene
Concen: 11.660 ppbv
RT: 9.211 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

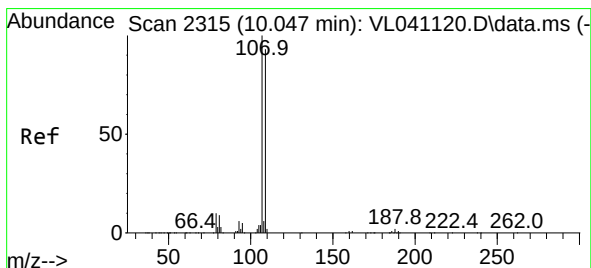
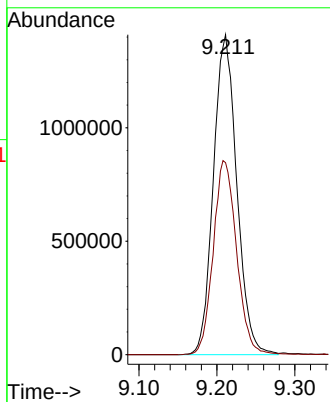
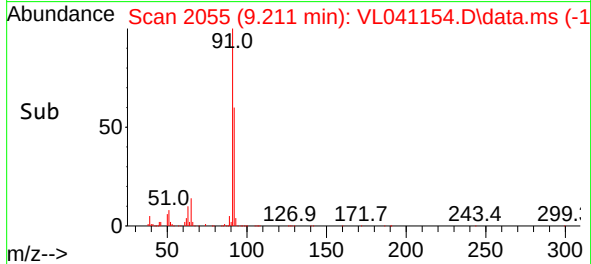
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion: 91 Resp: 294513
Ion Ratio Lower Upper
91 100
92 60.8 49.0 73.4

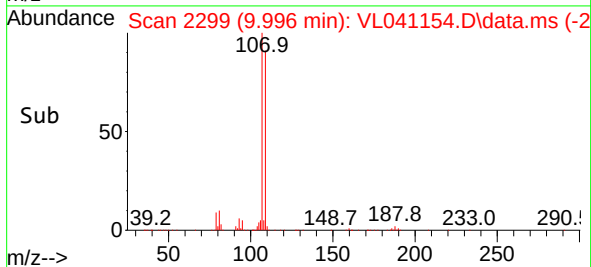
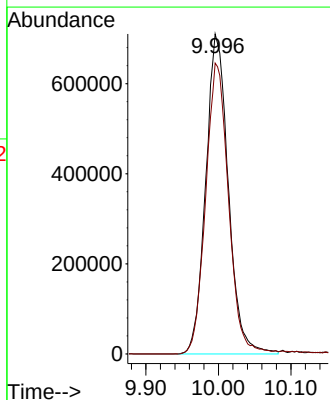
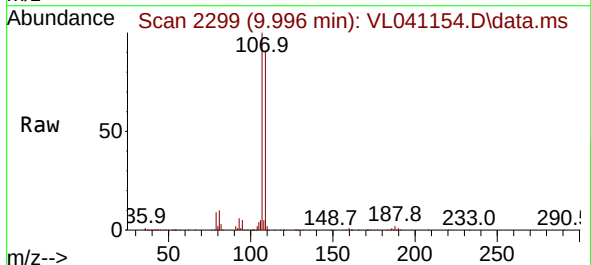
Manual Integrations
APPROVED

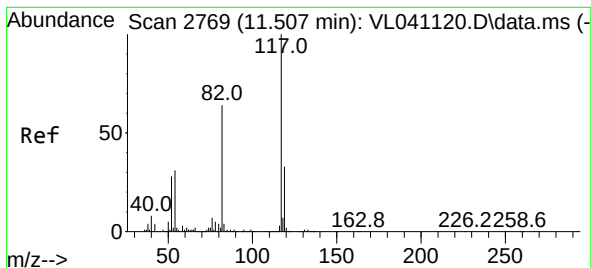
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#54
1,2-Dibromoethane
Concen: 12.069 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

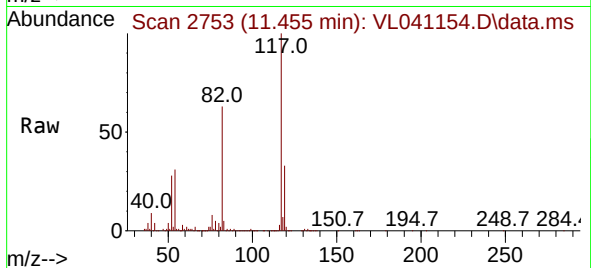
Tgt Ion:107 Resp: 1538706
Ion Ratio Lower Upper
107 100
109 90.9 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

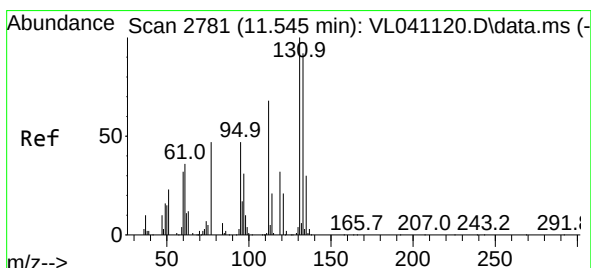
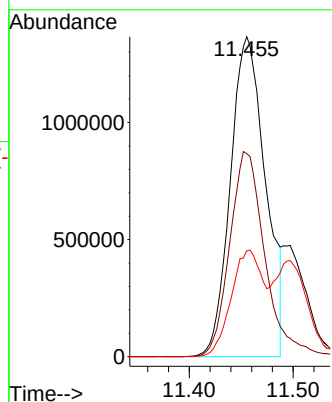
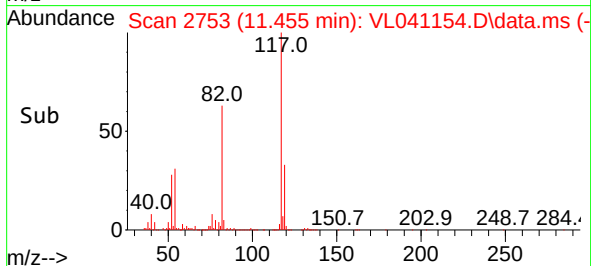
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



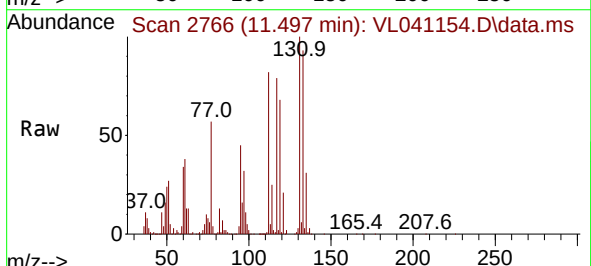
Tgt Ion:117 Resp: 3201280
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 29.8 25.2 37.8

Manual Integrations
APPROVED

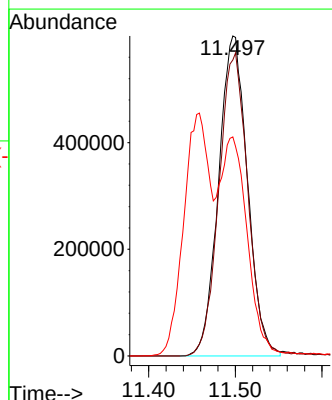
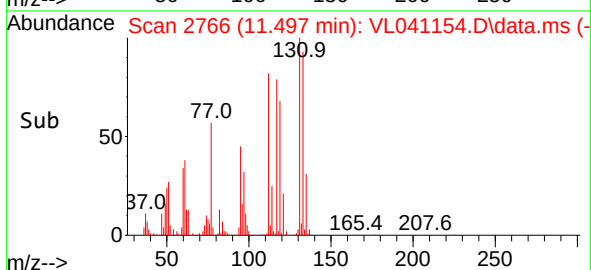
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

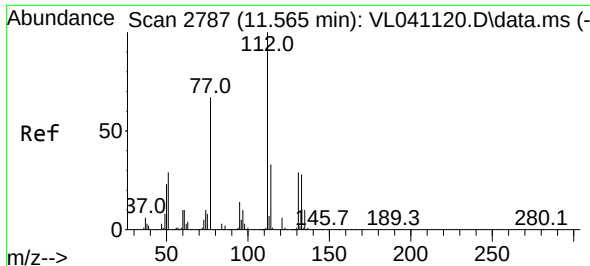


#56
1,1,1,2-Tetrachloroethane
Concen: 10.545 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



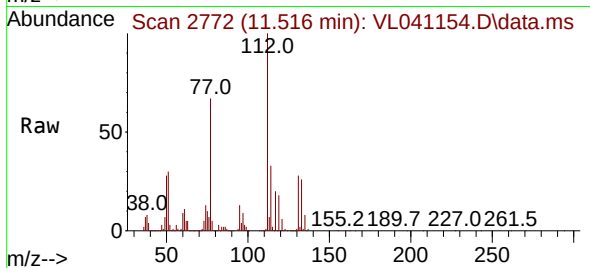
Tgt Ion:131 Resp: 1387372
Ion Ratio Lower Upper
131 100
133 95.9 76.6 115.0
119 63.1 49.9 74.9





#57
Chlorobenzene
Concen: 10.512 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

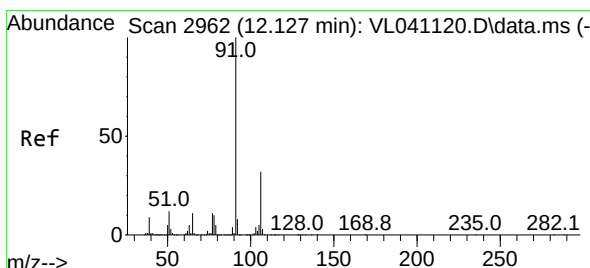
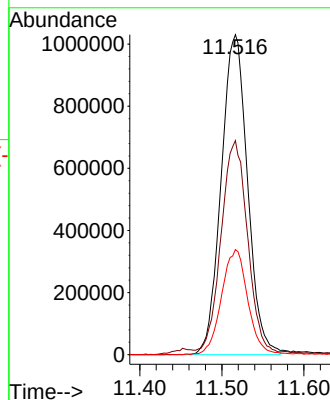
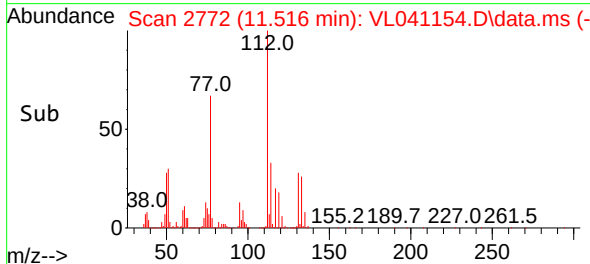
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion:112 Resp: 2303619
Ion Ratio Lower Upper
112 100
77 66.1 54.0 81.0
114 32.8 29.3 35.9

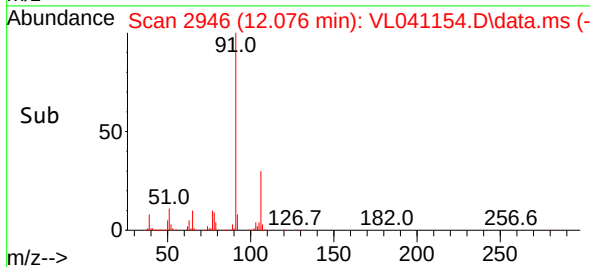
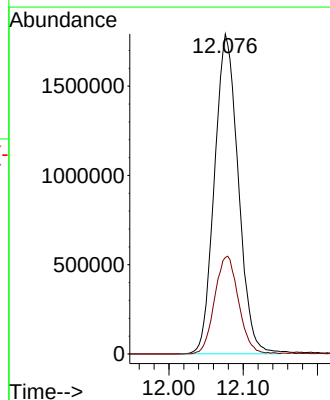
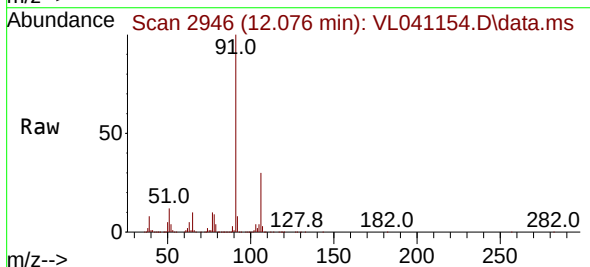
Manual Integrations
APPROVED

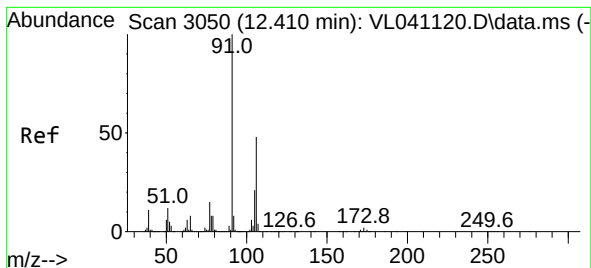
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#58
Ethyl Benzene
Concen: 11.375 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 91 Resp: 3986702
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4





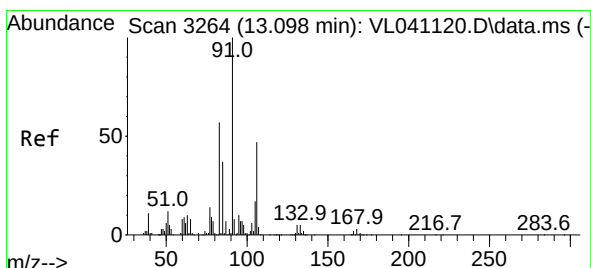
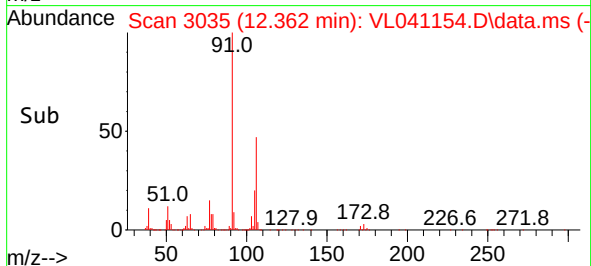
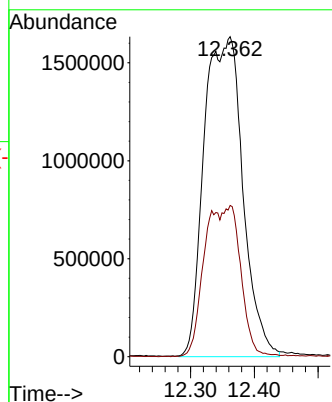
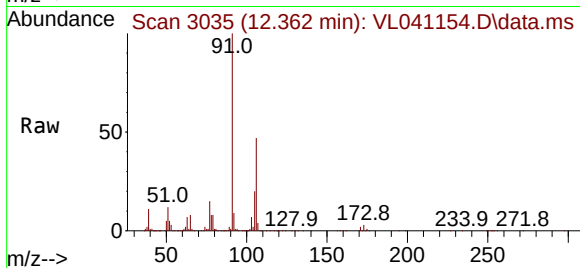
#59
m/p-Xylene
Concen: 21.728 ppbv m
RT: 12.362 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01

Tgt Ion: 91 Resp: 687738
Ion Ratio Lower Upper
91 100
106 44.4 35.4 53.2

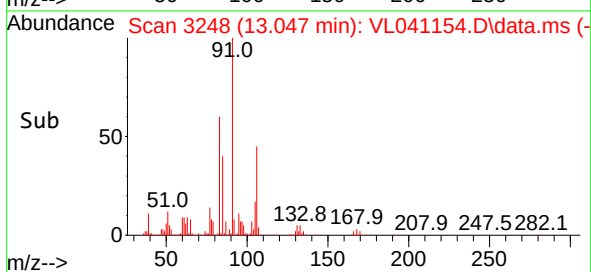
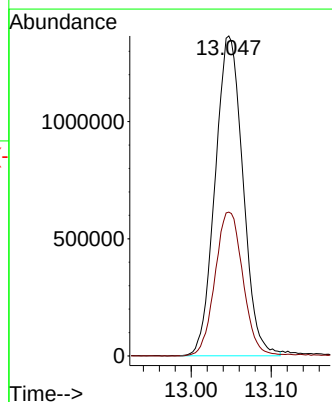
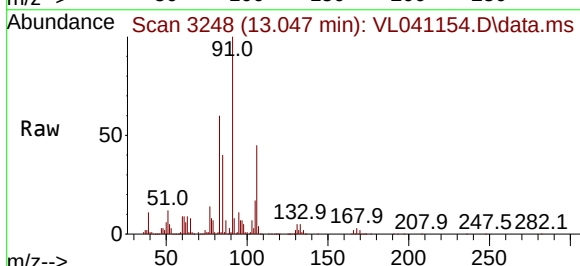
Manual Integrations
APPROVED

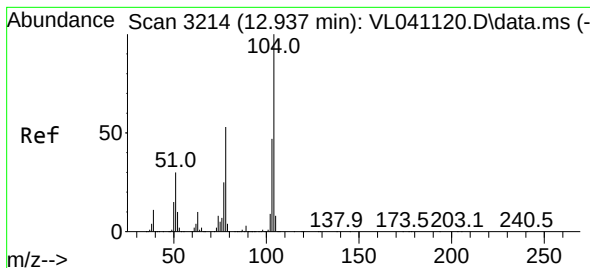
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#60
o-Xylene
Concen: 10.975 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Tgt Ion: 91 Resp: 3291419
Ion Ratio Lower Upper
91 100
106 45.6 22.9 68.5





#61

Styrene

Concen: 12.567 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion:104 Resp: 1670094

Ion Ratio Lower Upper

104 100

78 54.2 43.3 64.9

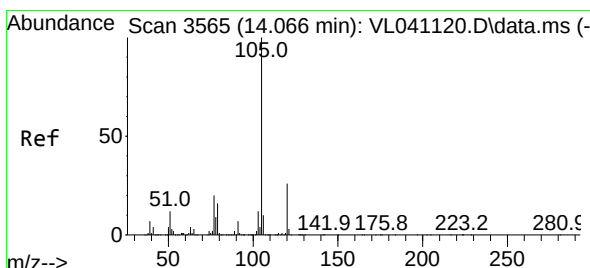
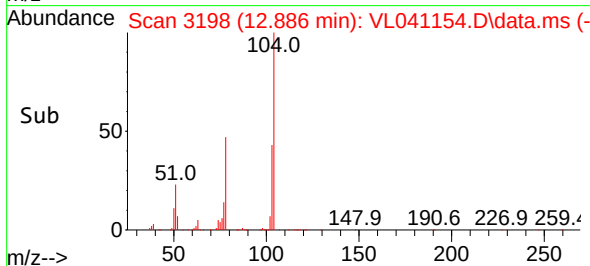
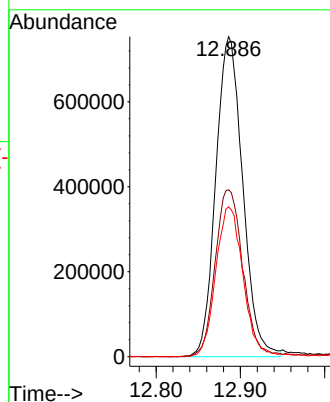
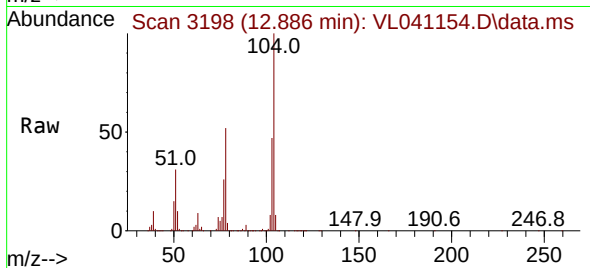
103 48.0 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#62

Isopropylbenzene

Concen: 10.748 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. -0.000 min

Lab File: VL041154.D

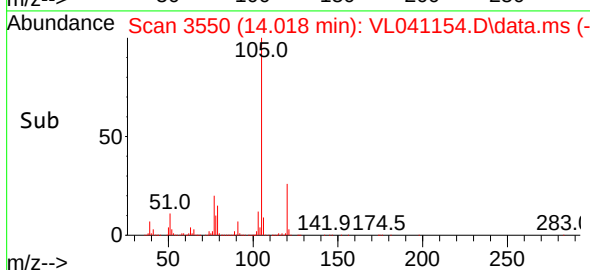
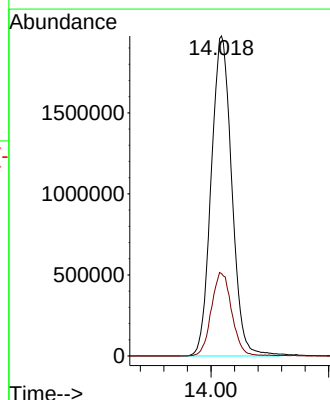
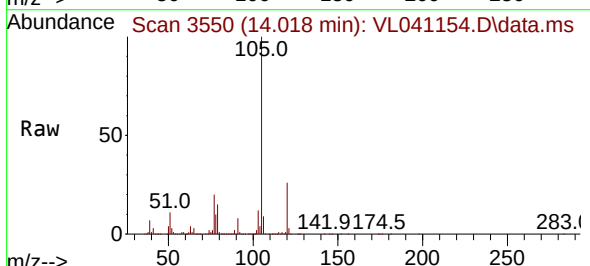
Acq: 23 Apr 2024 10:42

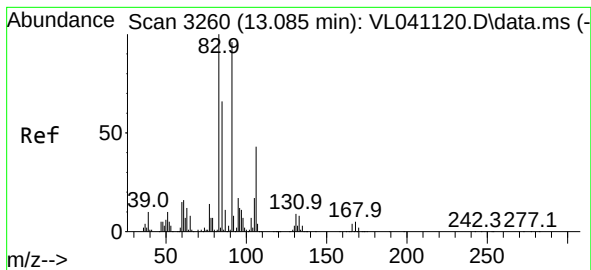
Tgt Ion:105 Resp: 4798544

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4





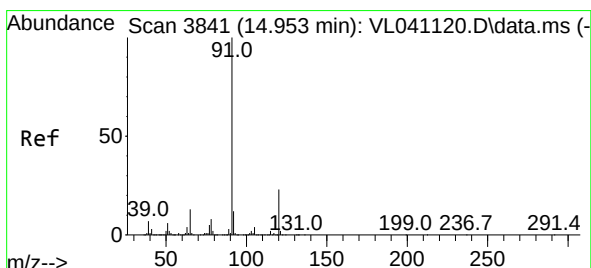
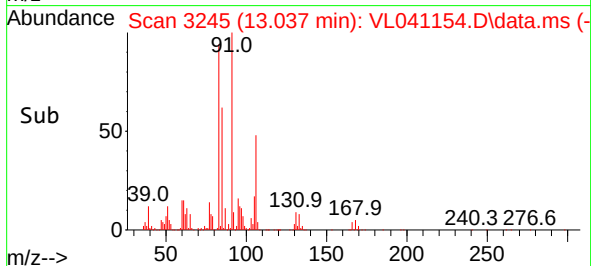
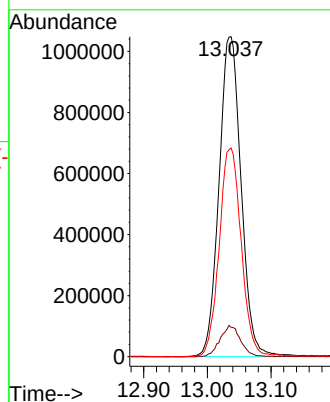
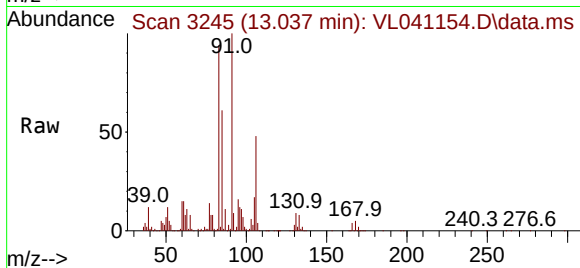
#63
1,1,2,2-Tetrachloroethane
Concen: 10.710 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01

Tgt Ion: 83 Resp: 252374
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 65.2 33.1 99.2

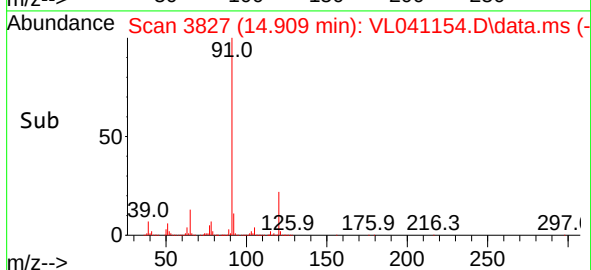
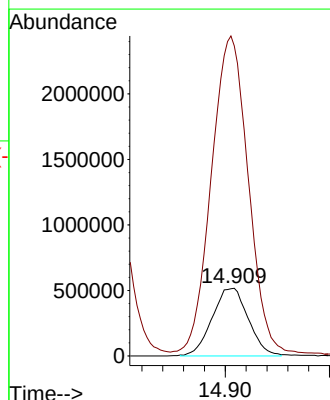
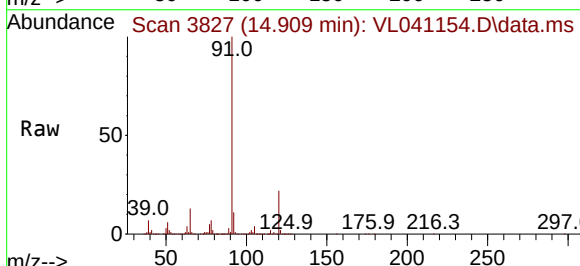
Manual Integrations
APPROVED

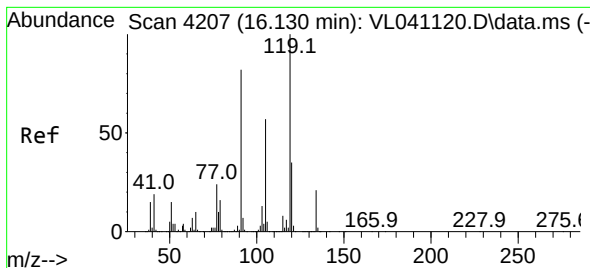
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#64
n-propylbenzene
Concen: 11.127 ppbv m
RT: 14.909 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

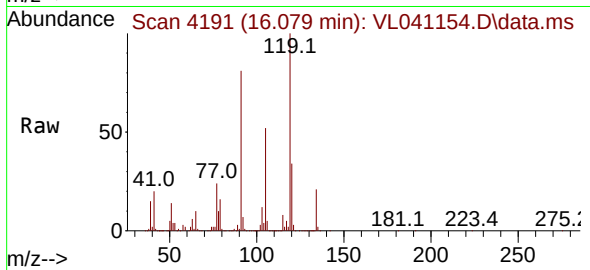
Tgt Ion:120 Resp: 1246797
Ion Ratio Lower Upper
120 100
91 489.8 395.0 592.6





#65
tert-Butylbenzene
Concen: 11.042 ppbv
RT: 16.079 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

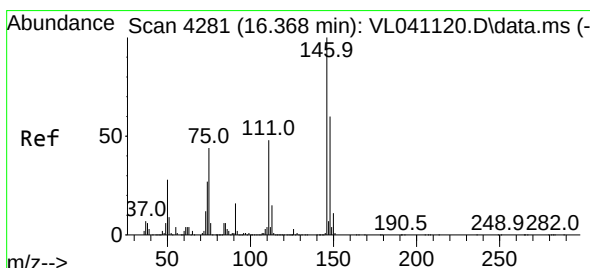
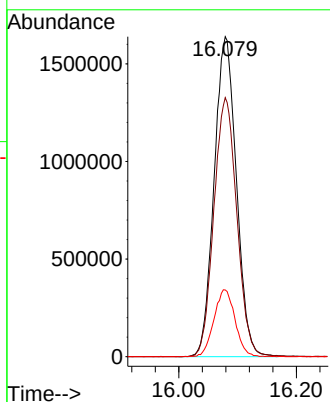
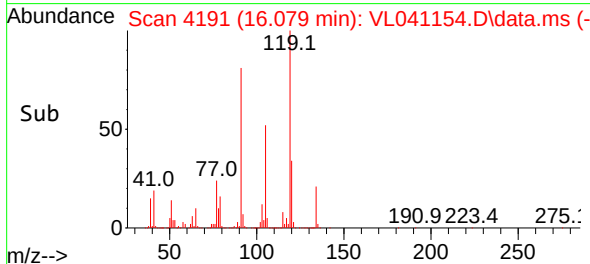
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



Tgt Ion:119 Resp: 4304084
Ion Ratio Lower Upper
119 100
91 83.6 67.8 101.8
134 19.9 16.0 24.0

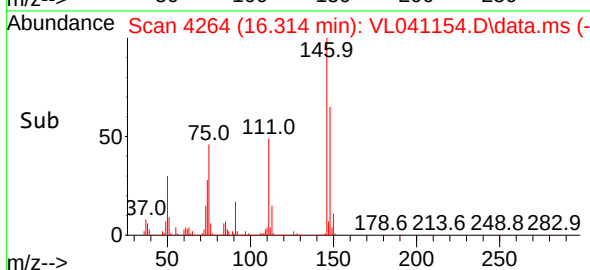
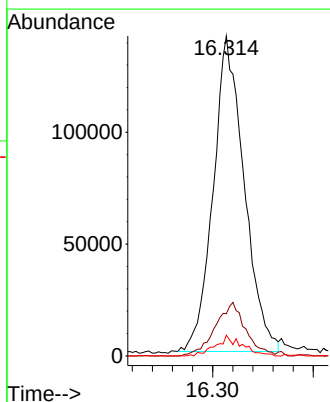
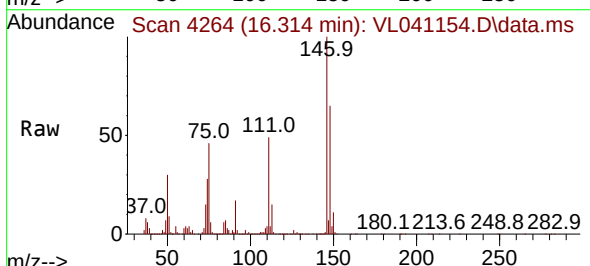
Manual Integrations
APPROVED

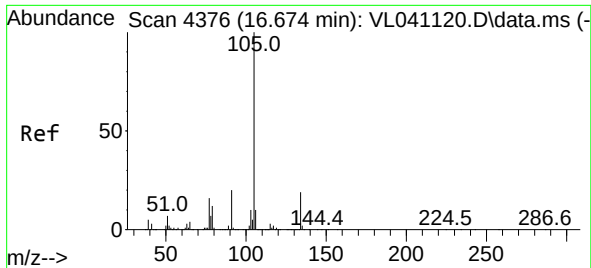
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024



#66
Benzyl Chloride
Concen: 11.745 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

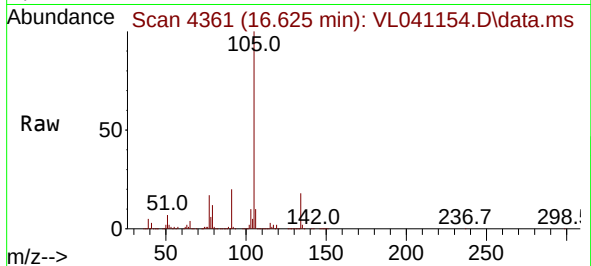
Tgt Ion: 91 Resp: 301211
Ion Ratio Lower Upper
91 100
126 17.0 13.4 20.2
128 5.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 10.785 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

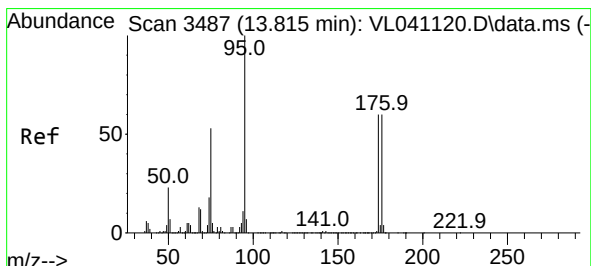
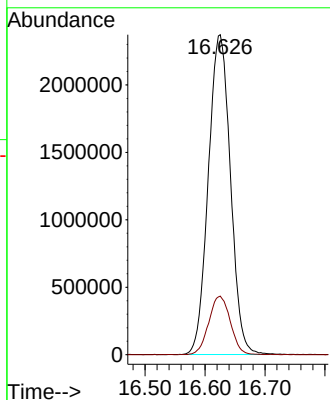
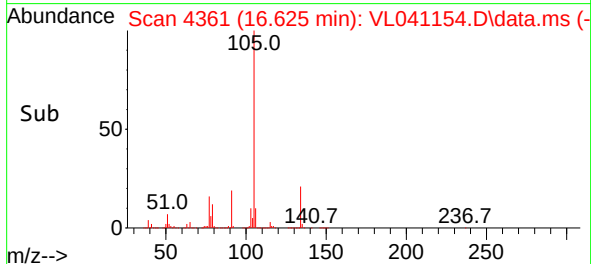
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01



Tgt Ion:105 Resp: 6073554
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.3 21.5

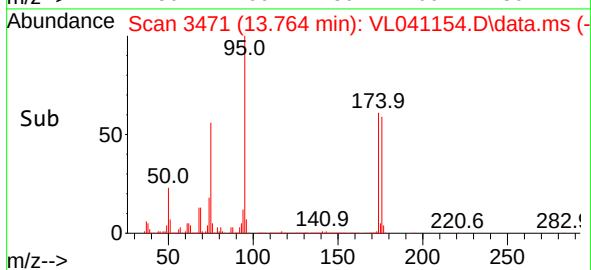
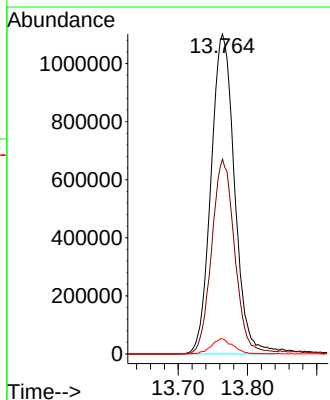
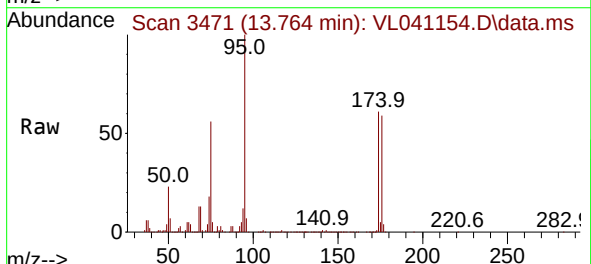
Manual Integrations
 APPROVED

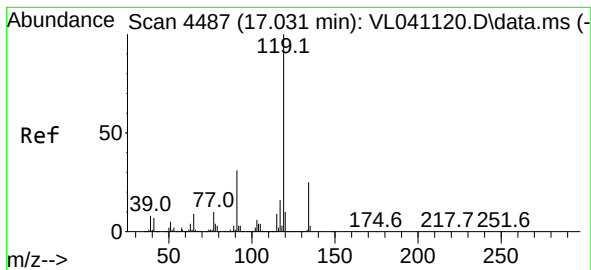
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.112 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

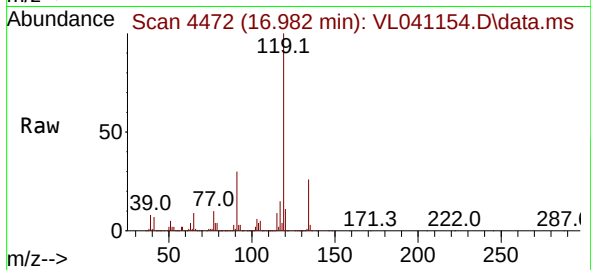
Tgt Ion: 95 Resp: 2603167
 Ion Ratio Lower Upper
 95 100
 174 60.7 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 11.228 ppbv
RT: 16.982 min Scan# 4487
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

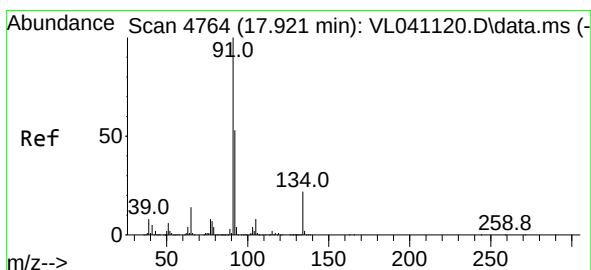
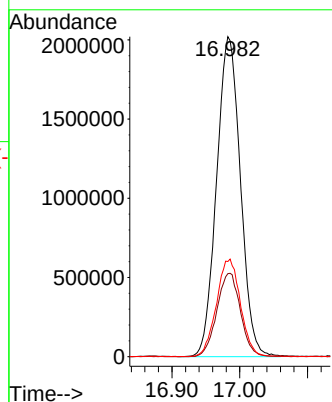
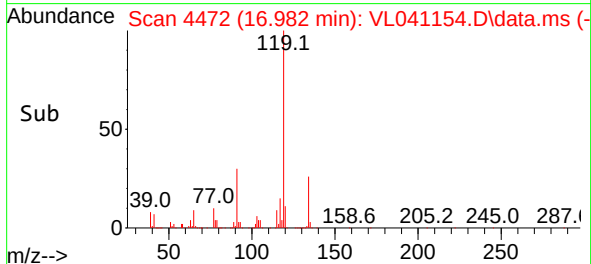
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



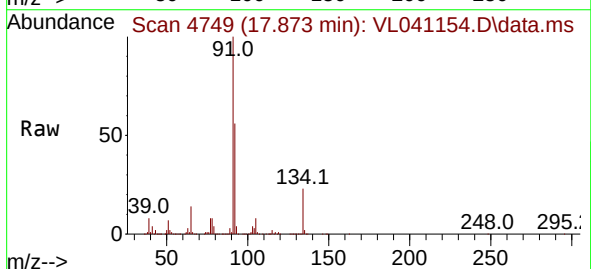
Tgt Ion:119 Resp: 493118
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 30.6 24.8 37.2

Manual Integrations
APPROVED

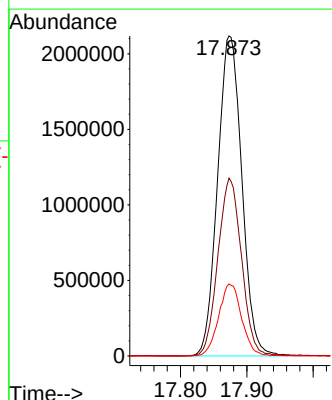
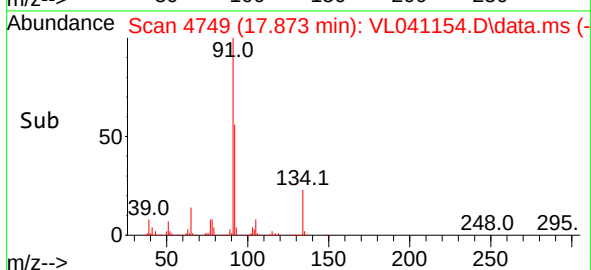
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

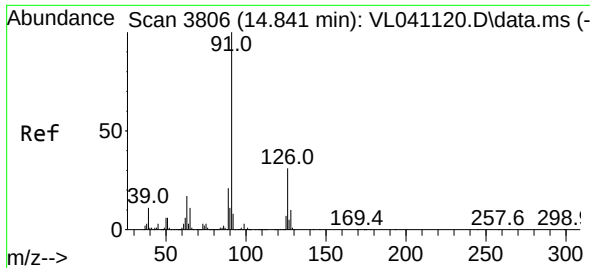


#70
n-Butylbenzene
Concen: 11.261 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



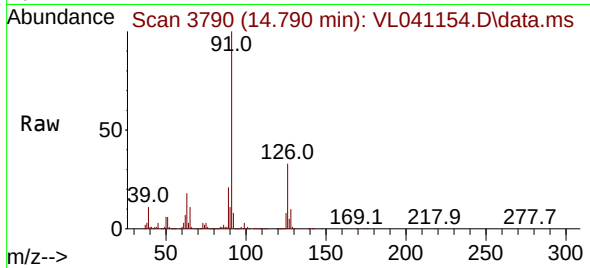
Tgt Ion: 91 Resp: 5372402
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 21.5 17.1 25.7





#71
2-Chlorotoluene
Concen: 10.941 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

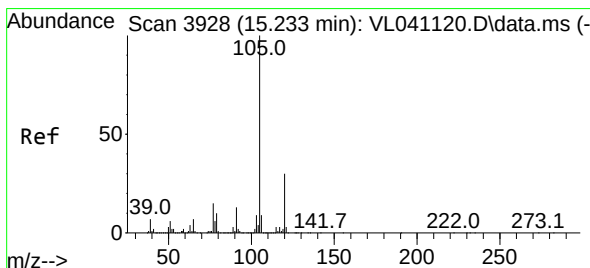
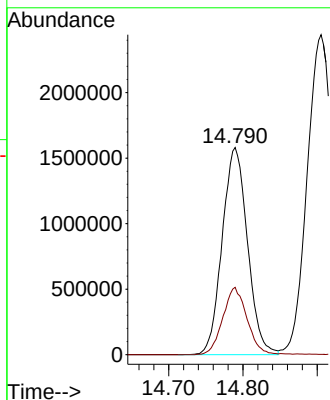
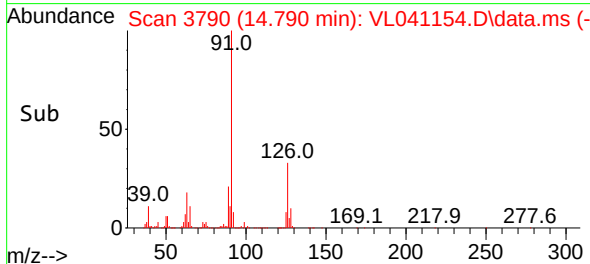
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



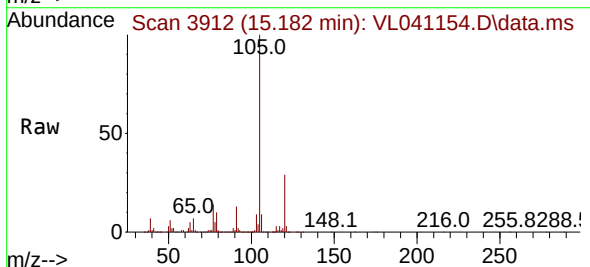
Tgt Ion: 91 Resp: 3746938
Ion Ratio Lower Upper
91 100
126 31.6 12.5 50.1

Manual Integrations
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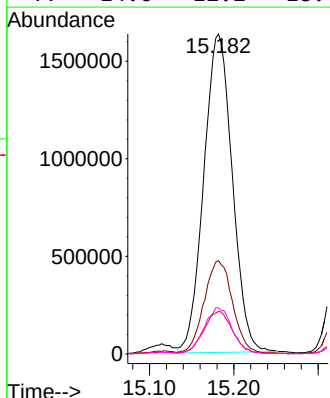
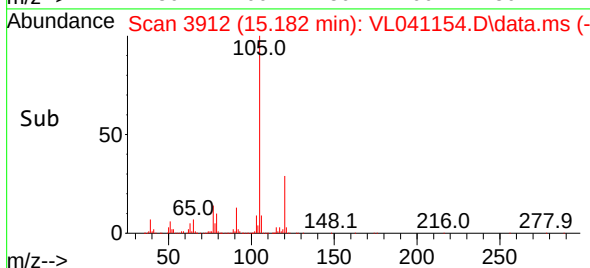
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

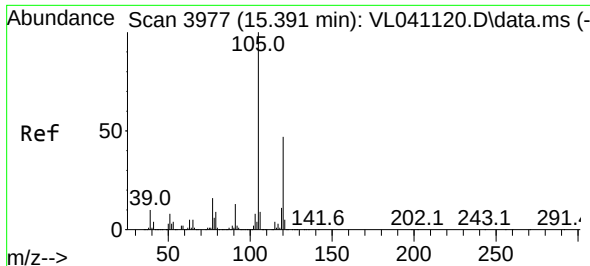


#72
4-Ethyltoluene
Concen: 11.452 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



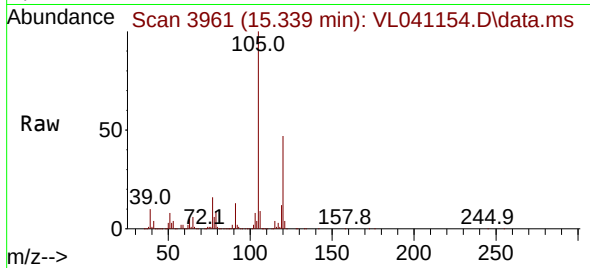
Tgt Ion:105 Resp: 3836079
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 13.5 11.2 16.8
77 14.6 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 11.181 ppbv
RT: 15.339 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42

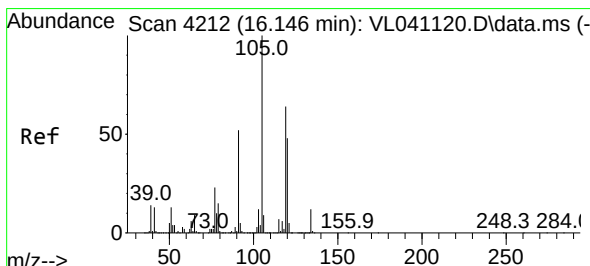
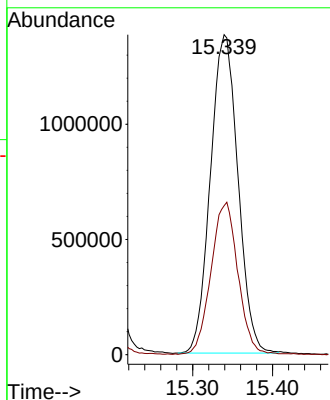
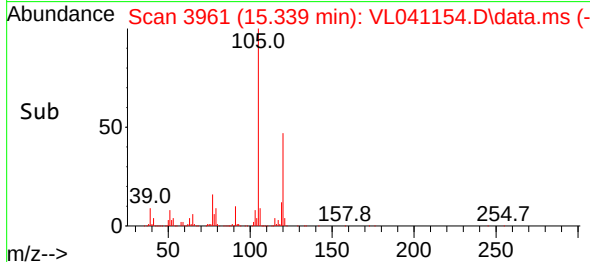
Instrument :
MSVOA_L
ClientSampleId :
VL0423ABS01



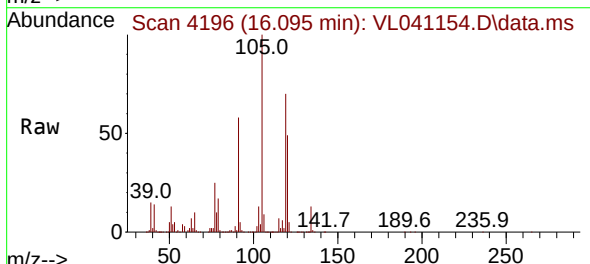
Tgt Ion:105 Resp: 330319
Ion Ratio Lower Upper
105 100
120 46.6 37.8 56.8

Manual Integrations
APPROVED

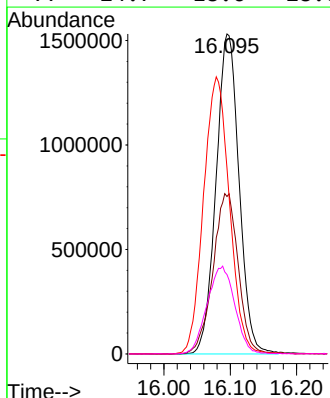
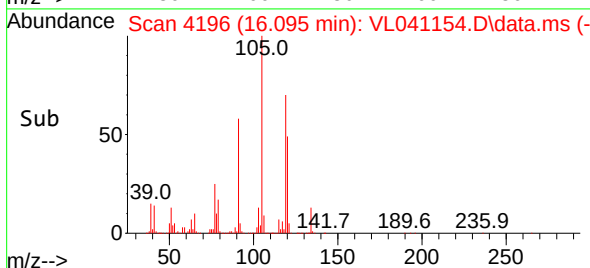
Reviewed By :Semsettin Yesilyurt 04/24/2024
Supervised By :Mahesh Dadoda 04/24/2024

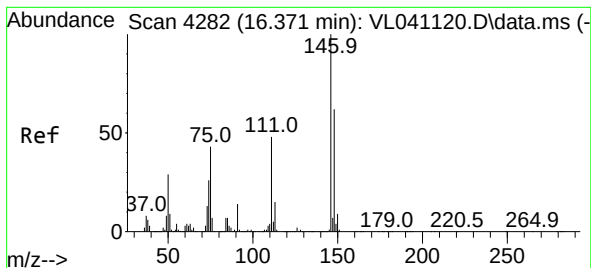


#74
1,2,4-Trimethylbenzene
Concen: 10.927 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.000 min
Lab File: VL041154.D
Acq: 23 Apr 2024 10:42



Tgt Ion:105 Resp: 3694458
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3
91 57.8 43.0 64.6
77 24.7 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 10.891 ppbv

RT: 16.320 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion:146 Resp: 215001

Ion Ratio Lower Upper

146 100

111 49.0 24.1 72.4

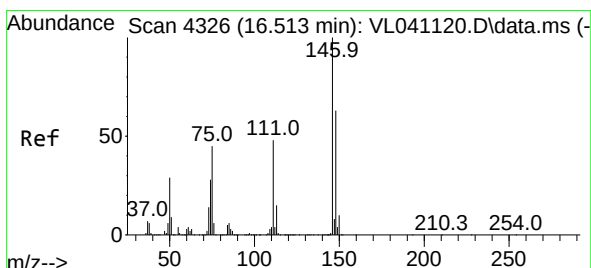
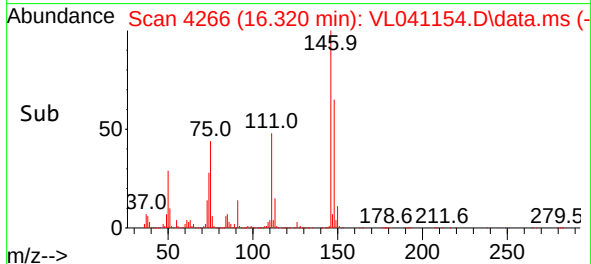
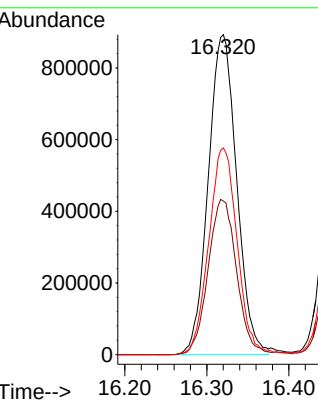
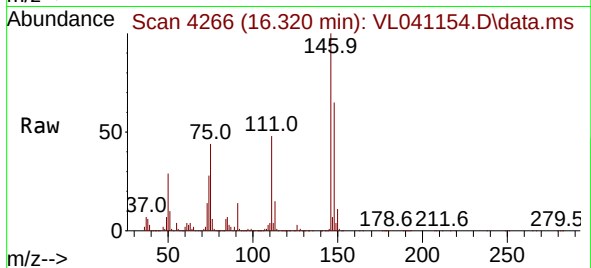
148 64.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#76

1,4-Dichlorobenzene

Concen: 10.971 ppbv

RT: 16.465 min Scan# 4311

Delta R.T. 0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

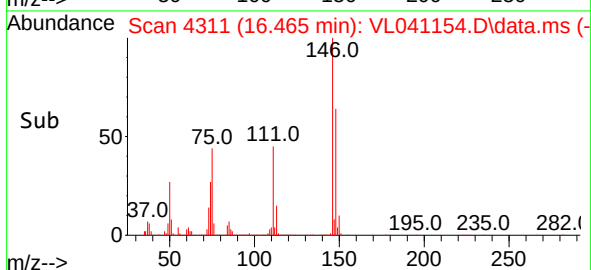
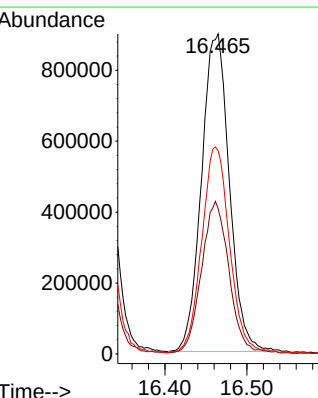
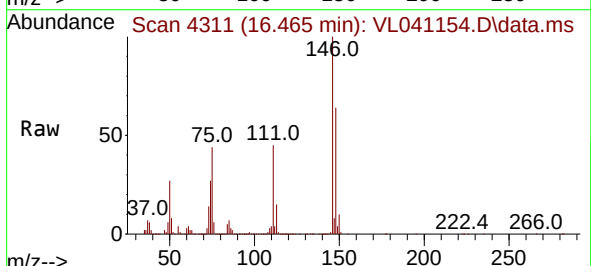
Tgt Ion:146 Resp: 2106598

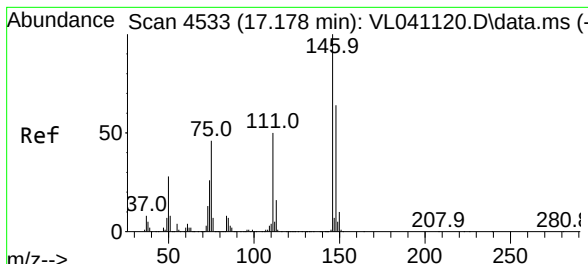
Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.3

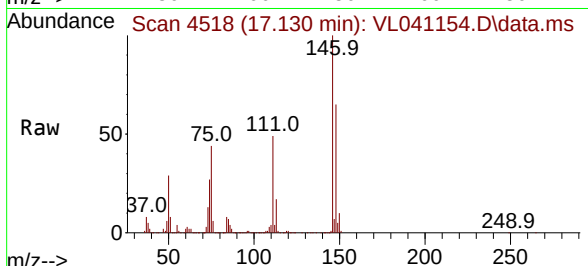
148 66.0 33.1 99.2





#77
 1,2-Dichlorobenzene
 Concen: 11.017 ppbv
 RT: 17.130 min Scan# 411
 Delta R.T. -0.003 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01

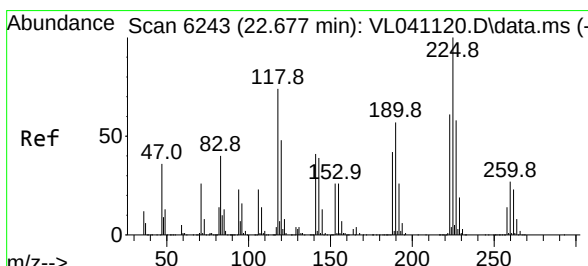
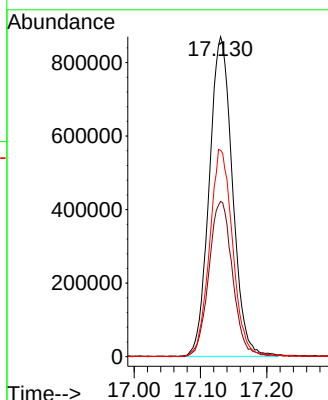
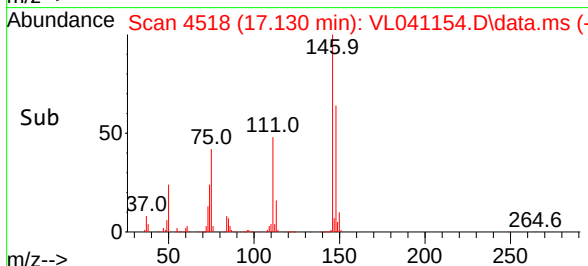


Tgt Ion:146 Resp: 2111929

Ion	Ratio	Lower	Upper
146	100		
111	49.8	25.1	75.3
148	65.0	32.6	97.7

Manual Integrations
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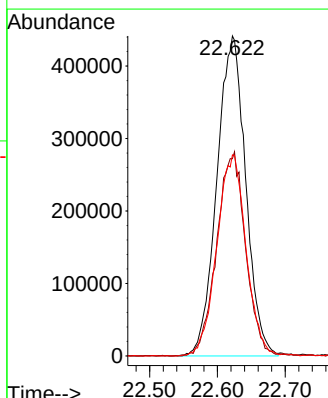
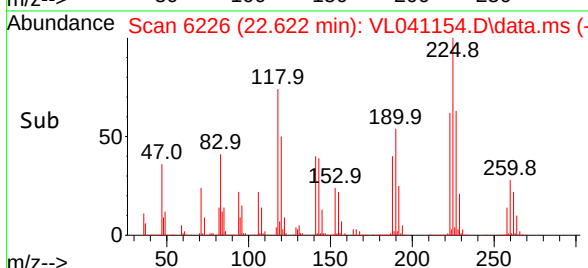
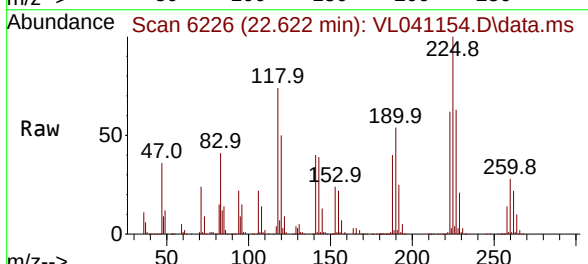
Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

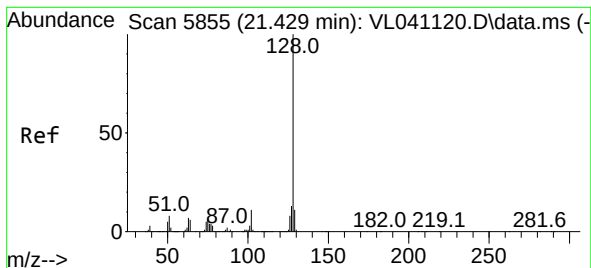


#78
 Hexachloro-1,3-Butadiene
 Concen: 10.237 ppbv
 RT: 22.622 min Scan# 6226
 Delta R.T. 0.006 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Tgt Ion:225 Resp: 1304678

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	64.0	51.3	76.9





#79

Naphthalene

Concen: 14.575 ppbv

RT: 21.371 min Scan# 5837

Delta R.T. -0.000 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

Instrument :

MSVOA_L

ClientSampleId :

VL0423ABS01

Tgt Ion:128 Resp: 316151

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

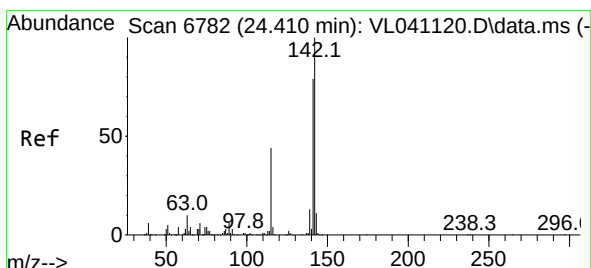
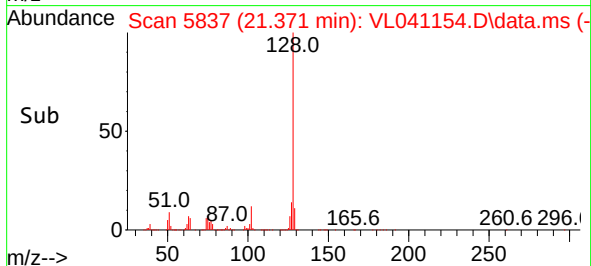
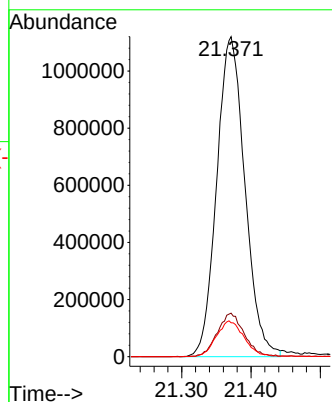
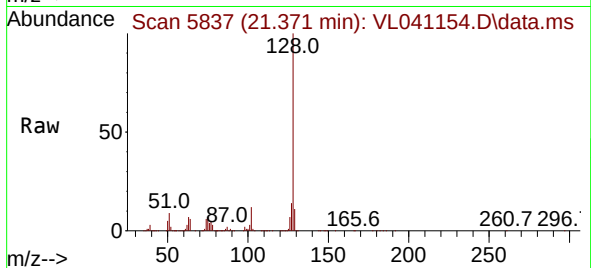
129 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#80

Naphthalene,2-methyl-

Concen: 15.351 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.003 min

Lab File: VL041154.D

Acq: 23 Apr 2024 10:42

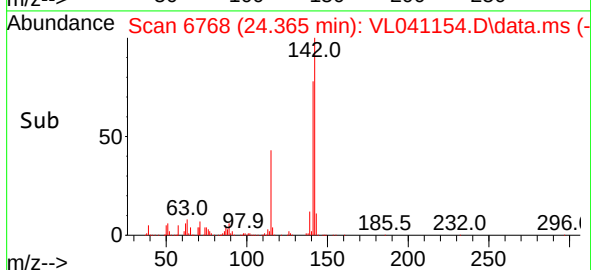
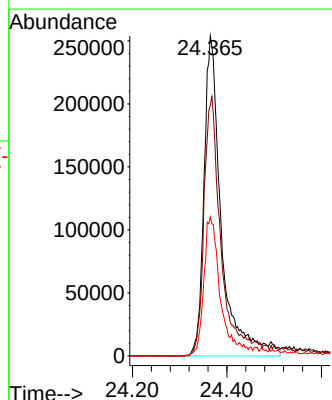
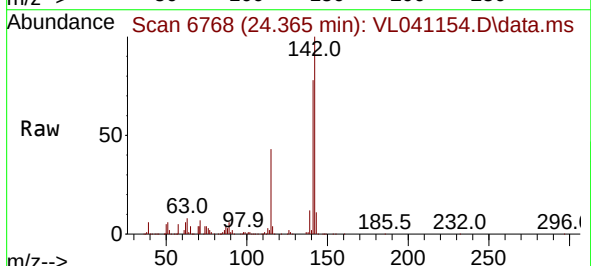
Tgt Ion:142 Resp: 648617

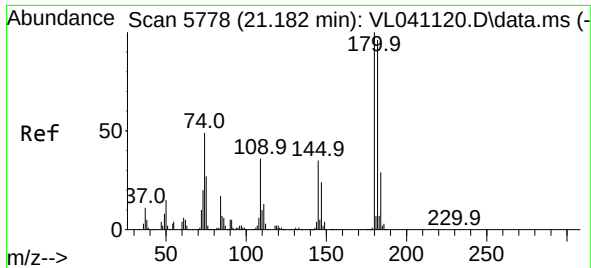
Ion Ratio Lower Upper

142 100

141 85.9 64.4 96.6

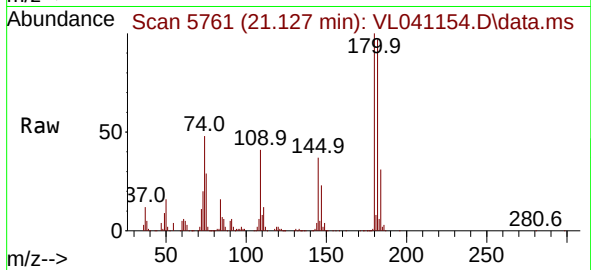
115 41.9 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.506 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041154.D
 Acq: 23 Apr 2024 10:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0423ABS01



Tgt Ion:180 Resp: 1520733
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.4 116.2
 184 31.2 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024
 Supervised By :Mahesh Dadoda 04/24/2024

