

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041420.D
 Acq On : 29 Jul 2024 8:19
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:45:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1158667	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3171392	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3225299	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2405503 9.692 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.710	85	1460693	7.328 ppbv	99
3) Chlorodifluoromethane	2.655	51	1300627	9.429 ppbv	100
4) Chloromethane	2.793	50	667671	9.101 ppbv	97
5) Vinyl Chloride	2.902	62	682847	9.443 ppbv	96
6) Bromomethane	3.102	94	365406	9.832 ppbv	97
7) Chloroethane	3.182	64	246291	9.869 ppbv	98
8) Dichlorotetrafluoroethane	2.838	85	1652912	9.359 ppbv	98
9) Propene	2.671	41	574787	9.071 ppbv	99
10) Heptane	7.571	43	1452179	10.200 ppbv	100
11) Trichlorofluoromethane	3.546	101	1614796	9.122 ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1171723	9.192 ppbv	100
13) Ethanol	3.227	45	41825m	7.385 ppbv	
14) Bromoethene	3.349	108	478887	9.636 ppbv	99
15) Acetone	3.452	43	1199277	9.110 ppbv	100
16) 1,3-Butadiene	2.967	39	675326	9.601 ppbv	100
17) tert-Butyl alcohol	3.861	59	1234275	10.280 ppbv	99
18) 1,1-Dichloroethene	3.867	96	519749	9.532 ppbv	98
19) Isopropyl Alcohol	3.562	45	747849	9.717 ppbv	99
20) Methylene Chloride	3.918	84	431112	8.782 ppbv	98
21) Allyl Chloride	3.980	41	845364	9.791 ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	535624	9.824 ppbv	96
23) Vinyl Acetate	4.613	43	1068724	10.629 ppbv	# 99
24) 1,1-Dichloroethane	4.549	63	1130436	9.549 ppbv	99
25) Ethyl Acetate	5.192	43	2569007	9.823 ppbv	99
26) Hexane	5.198	57	1065238	9.818 ppbv	99
27) Carbon Disulfide	4.108	76	1304877	10.281 ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	656011	9.588 ppbv	99
29) Chloroform	5.263	83	1677280	9.478 ppbv	99
30) Cyclohexane	6.594	84	927243	10.495 ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	1047405	9.773 ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1648336	9.569 ppbv	100
34) 2-Butanone	4.774	43	1324291	8.632 ppbv	99
35) Carbon Tetrachloride	6.484	117	1755494	10.036 ppbv	99
36) Benzene	6.359	78	2297398	9.914 ppbv	99
37) 1,2-Dichloroethane	5.796	62	1293301	9.972 ppbv	100
38) Trichloroethene	7.282	130	1080879	10.181 ppbv	97
39) 1,2-Dichloropropane	7.063	63	882920	9.952 ppbv	97
40) 1,4-Dioxane	7.275	88	354417	9.944 ppbv	# 1
41) Tetrahydrofuran	5.545	42	927948	10.576 ppbv	99
42) Bromodichloromethane	7.240	83	1877969	10.028 ppbv	100
43) Methyl Methacrylate	7.465	69	913985	10.999 ppbv	98
44) 2,2,4-Trimethylpentane	7.317	57	3828523	9.892 ppbv	99
45) t-1,3-Dichloropropene	8.703	75	932943	12.198 ppbv	95

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Quant Time: Jul 30 02:45:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

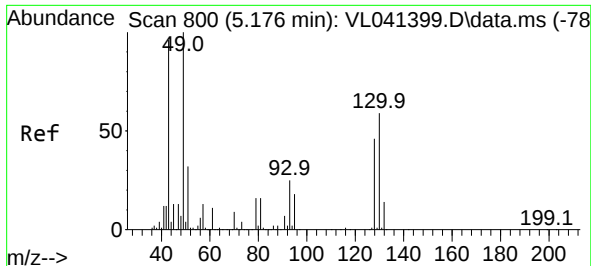
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

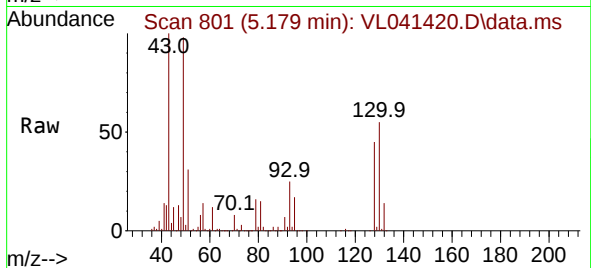
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1250483	11.322	ppbv	97
47) 1,1,2-Trichloroethane	8.893	97	959380	9.810	ppbv	97
48) Dibromochloromethane	9.703	129	1616507	10.261	ppbv	99
49) Bromoform	12.404	173	1419478	10.666	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2559795	10.576	ppbv	100
51) 2-Hexanone	9.542	43	2088567	11.412	ppbv	99
52) Tetrachloroethene	10.610	164	894422	9.989	ppbv	98
53) Toluene	9.217	91	2722956	10.549	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1401882	10.770	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.507	131	1170991	9.362	ppbv #	56
57) Chlorobenzene	11.523	112	2096356	9.129	ppbv	99
58) Ethyl Benzene	12.085	91	3666360	9.862	ppbv	99
59) m/p-Xylene	12.368	91	6207971m	19.345	ppbv	
60) o-Xylene	13.056	91	2937605	9.677	ppbv	100
61) Styrene	12.896	104	1470927	10.740	ppbv	99
62) Isopropylbenzene	14.027	105	4310246	9.340	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1795823	9.368	ppbv	100
64) n-propylbenzene	14.915	120	1154714	9.571	ppbv	95
65) tert-Butylbenzene	16.092	119	3908206	9.376	ppbv	100
66) Benzyl Chloride	16.326	91	290393	10.861	ppbv	99
67) sec-Butylbenzene	16.635	105	5458240	9.504	ppbv	100
69) p-Isopropyltoluene	16.995	119	4597224	9.646	ppbv	100
70) n-Butylbenzene	17.883	91	4727403	9.676	ppbv	100
71) 2-Chlorotoluene	14.799	91	3245171	9.535	ppbv	98
72) 4-Ethyltoluene	15.191	105	3563032	9.969	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	3046640	9.895	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3422472	9.561	ppbv	100
75) 1,3-Dichlorobenzene	16.330	146	2110031	9.377	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	2073042	9.515	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	2078394	9.317	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1572392	8.266	ppbv	100
79) Naphthalene	21.381	128	3537793	11.197	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	3245777	12.255	ppbv	99
81) 1,2,4-Trichlorobenzene	21.136	180	1854578	9.864	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

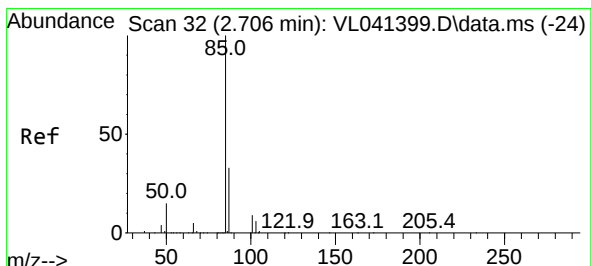
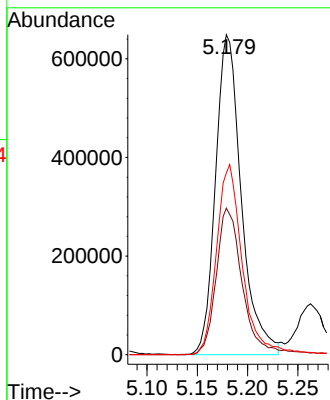
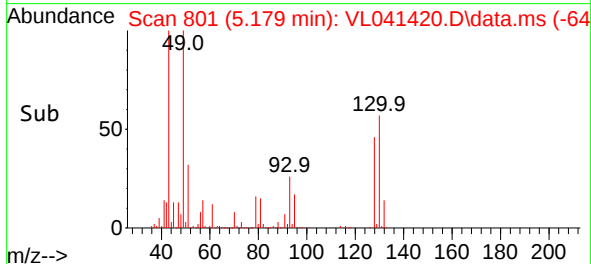
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 115866
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.6 30.8 92.4

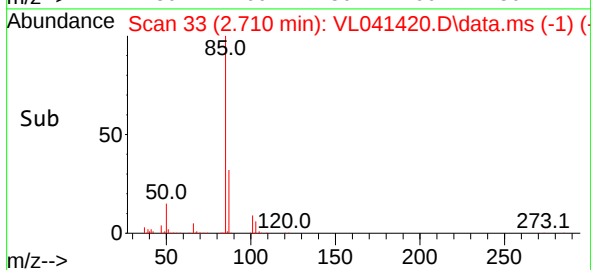
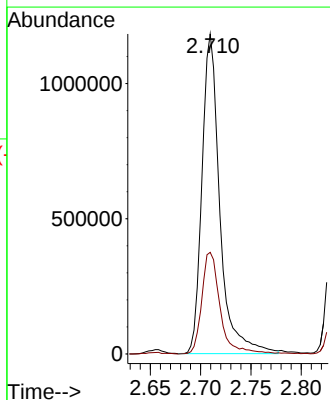
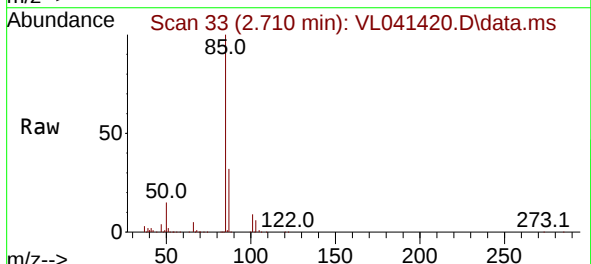
Manual Integrations
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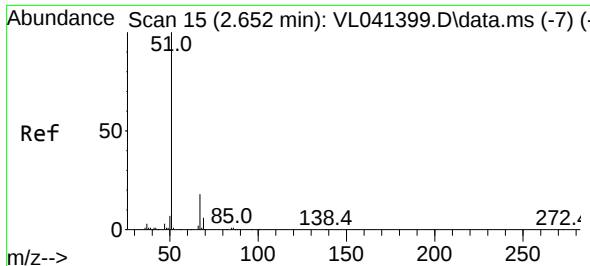
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#2
Dichlorodifluoromethane
Concen: 7.328 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

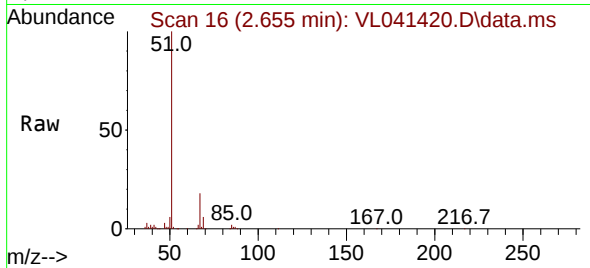
Tgt Ion: 85 Resp: 1460693
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.429 ppbv
RT: 2.655 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

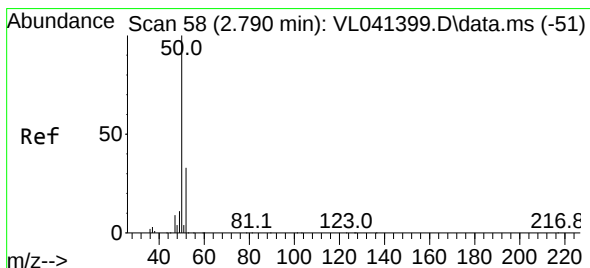
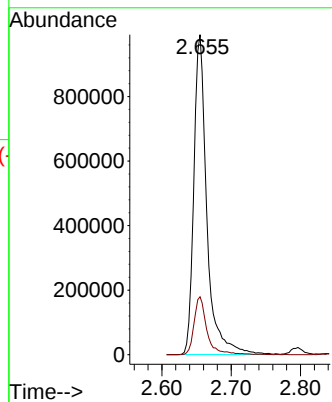
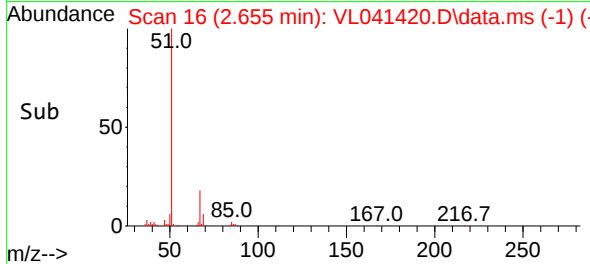
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 130062
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7

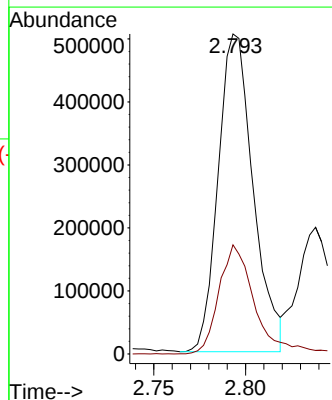
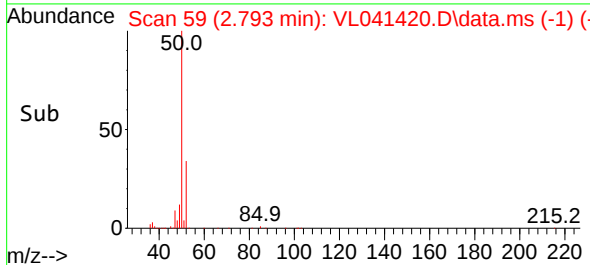
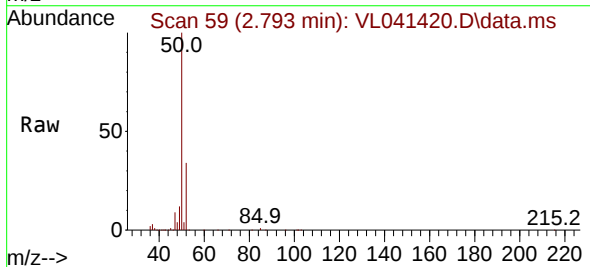
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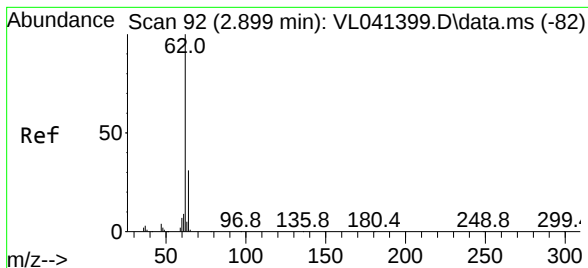
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#4
Chloromethane
Concen: 9.101 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

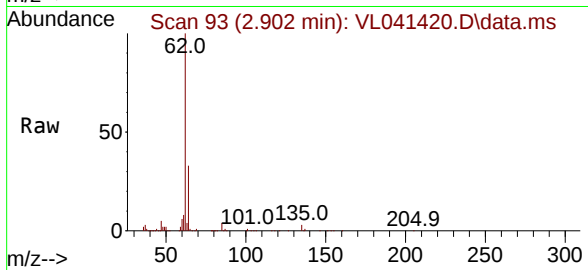
Tgt Ion: 50 Resp: 667671
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1





#5
 Vinyl Chloride
 Concen: 9.443 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

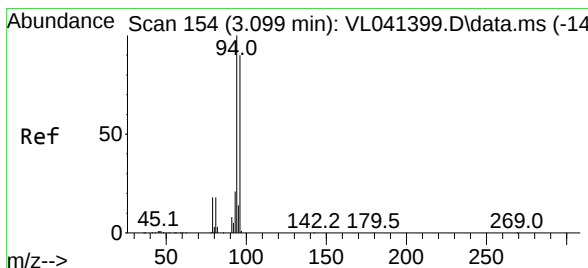
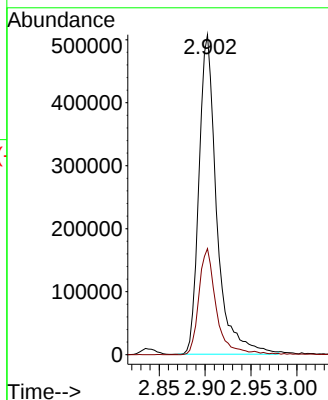
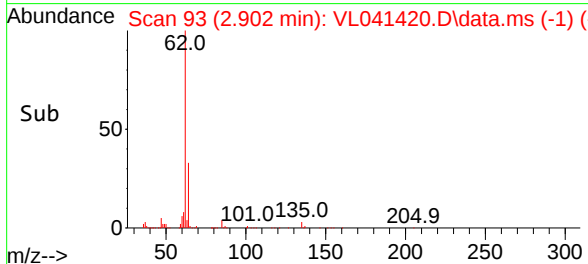
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 68284
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.0 37.4

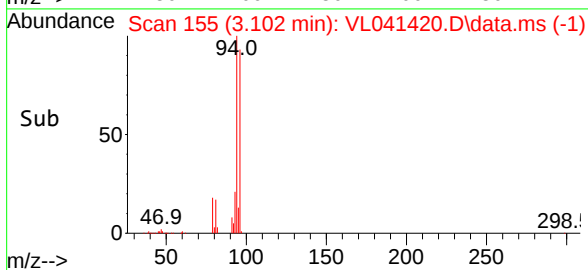
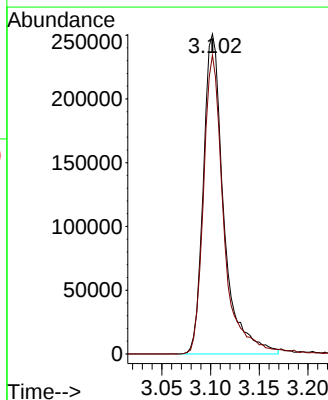
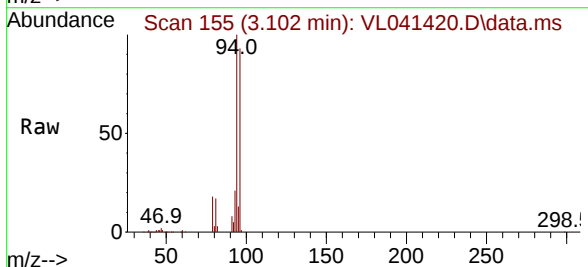
Manual Integrations
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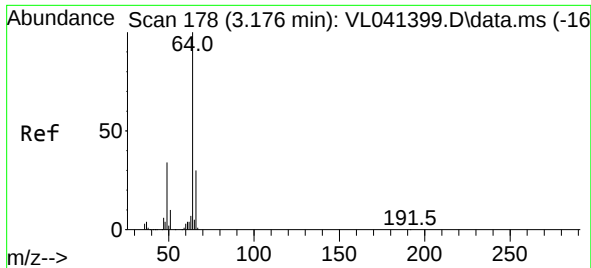
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024



#6
 Bromomethane
 Concen: 9.832 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

Tgt Ion: 94 Resp: 365406
 Ion Ratio Lower Upper
 94 100
 96 93.4 72.3 108.5





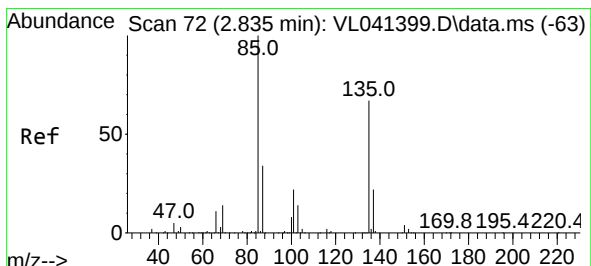
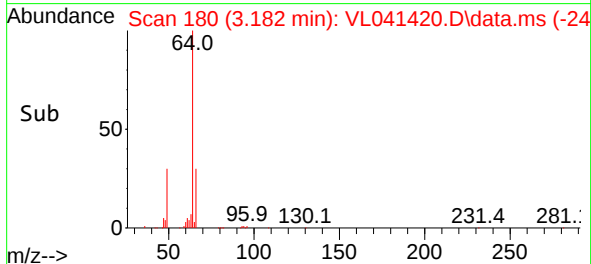
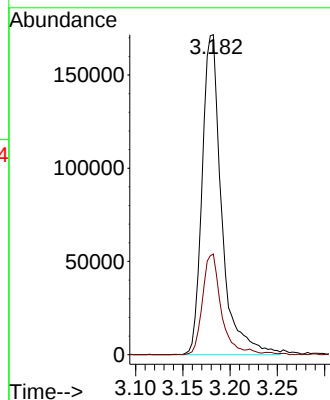
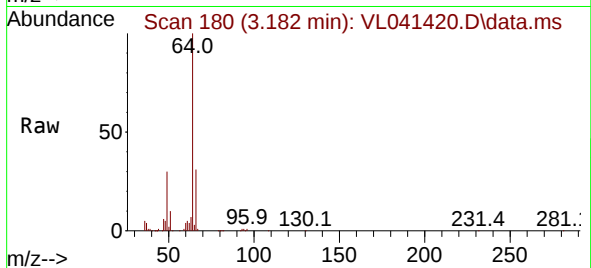
#7
Chloroethane
Concen: 9.869 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 24629
Ion Ratio Lower Upper
64 100
66 31.4 24.2 36.2

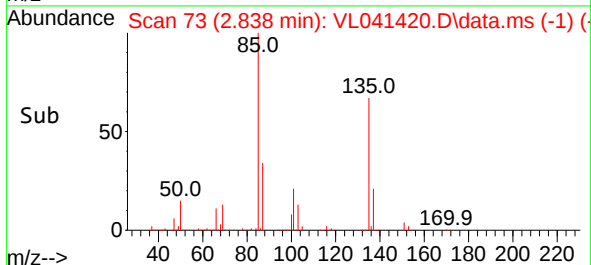
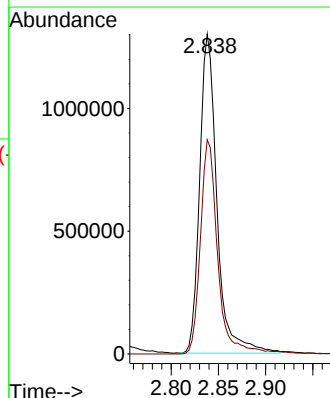
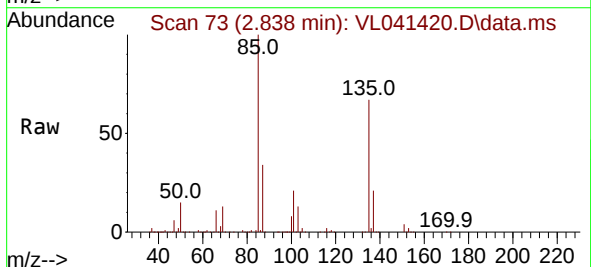
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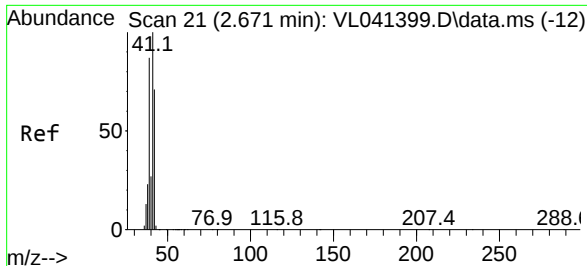
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#8
Dichlorotetrafluoroethane
Concen: 9.359 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 85 Resp: 1652912
Ion Ratio Lower Upper
85 100
135 67.7 55.4 83.0





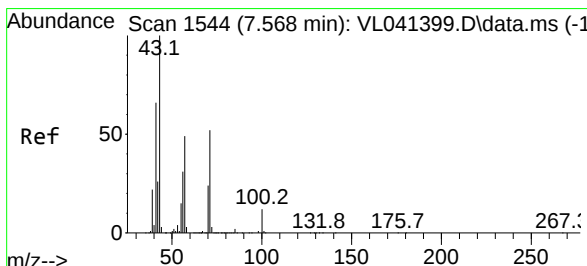
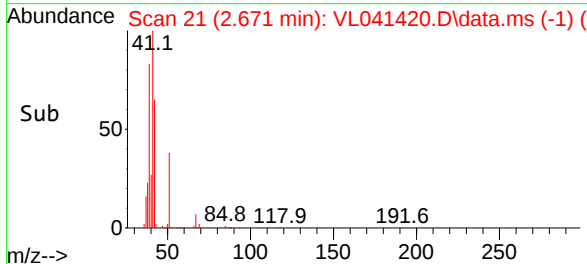
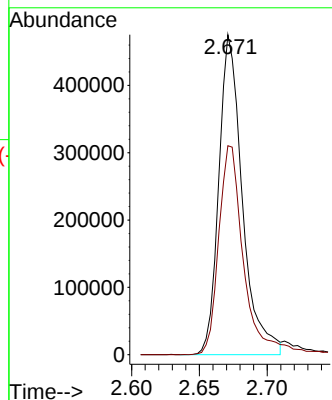
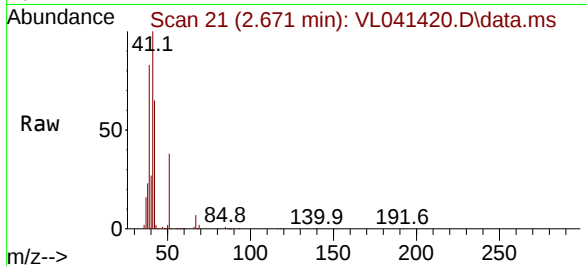
#9
Propene
Concen: 9.071 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 57478
Ion Ratio Lower Upper
41 100
42 70.4 55.9 83.9

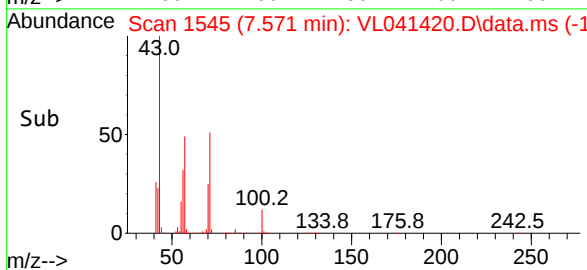
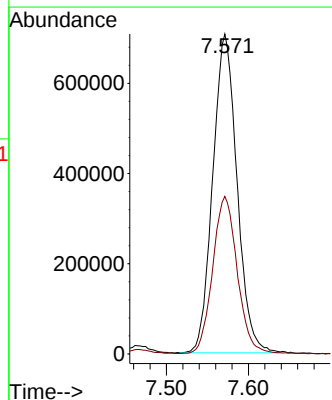
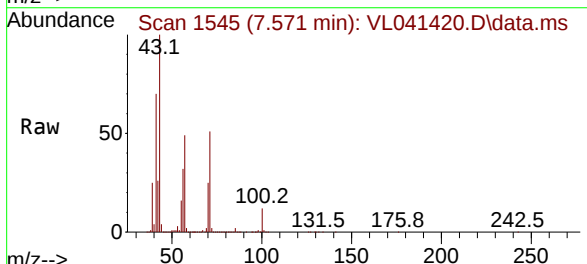
Manual Integrations
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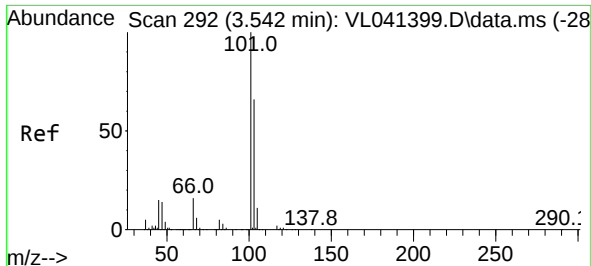
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#10
Heptane
Concen: 10.200 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

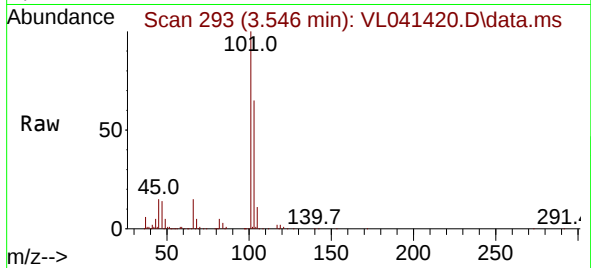
Tgt Ion: 43 Resp: 1452179
Ion Ratio Lower Upper
43 100
57 50.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.122 ppbv
RT: 3.546 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

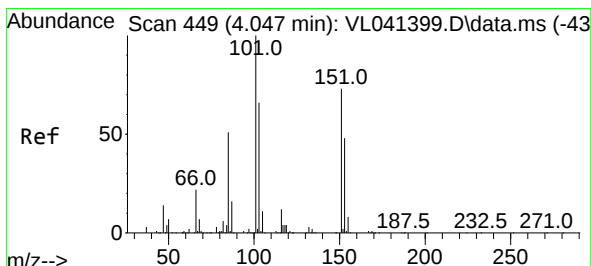
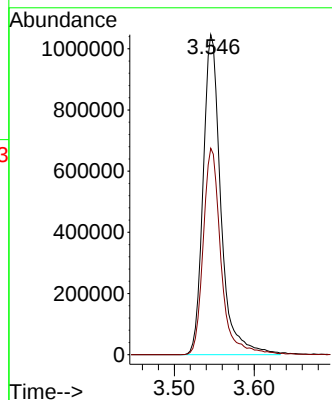
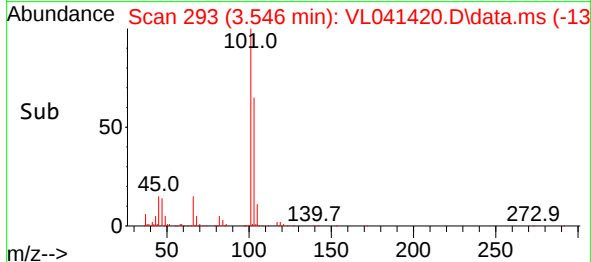
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



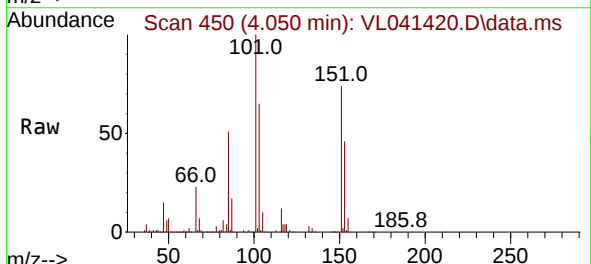
Tgt Ion:101 Resp: 1614790
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

Manual Integrations
APPROVED

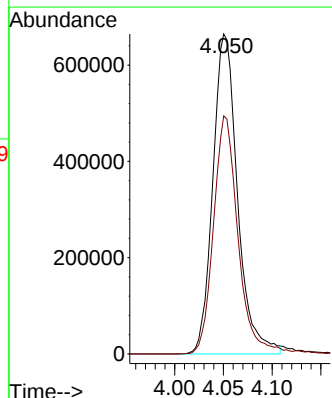
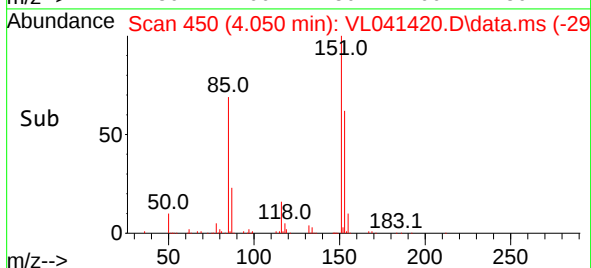
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

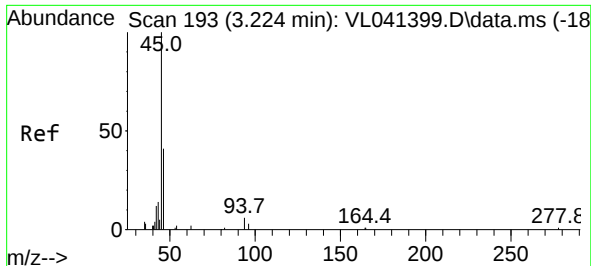


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.192 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



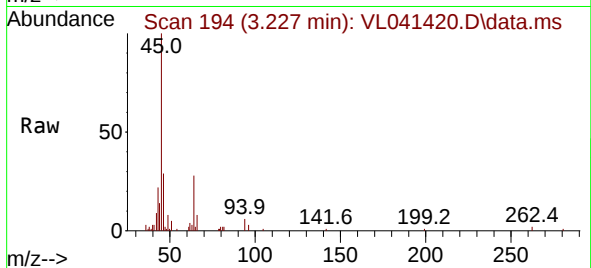
Tgt Ion:101 Resp: 1171723
Ion Ratio Lower Upper
101 100
151 74.6 59.4 89.2





#13
Ethanol
Concen: 7.385 ppbv m
RT: 3.227 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

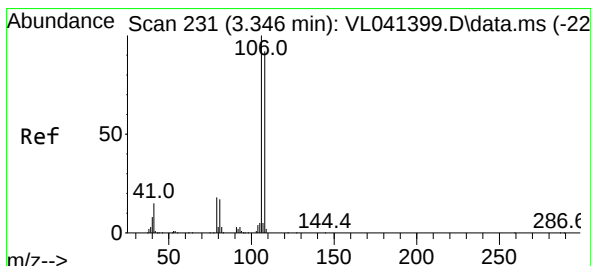
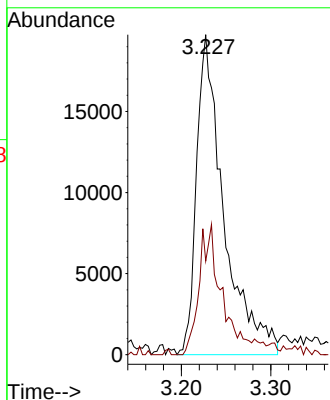
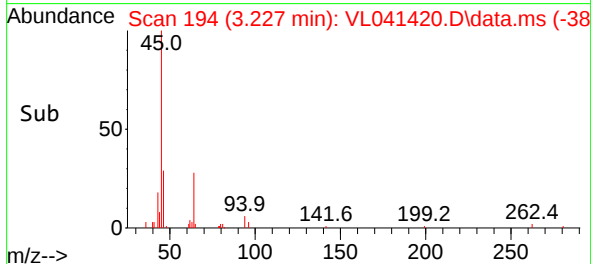
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



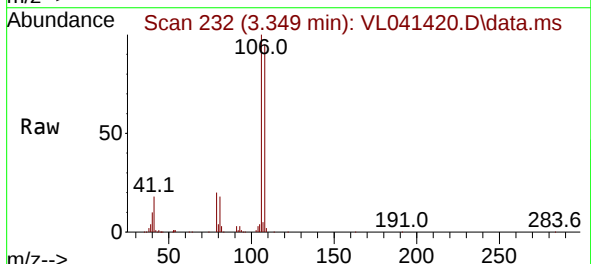
Tgt Ion: 45 Resp: 41825
Ion Ratio Lower Upper
45 100
46 38.0 13.4 53.4

Manual Integrations
APPROVED

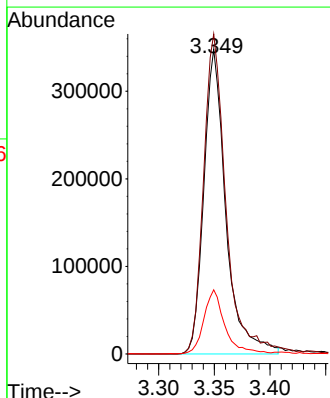
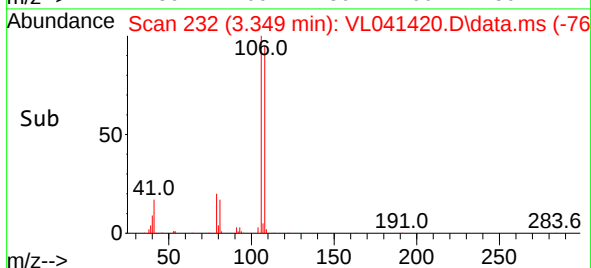
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

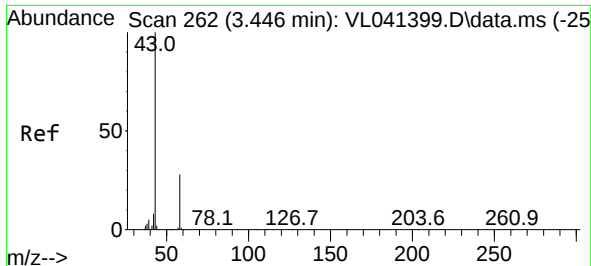


#14
Bromoethene
Concen: 9.636 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



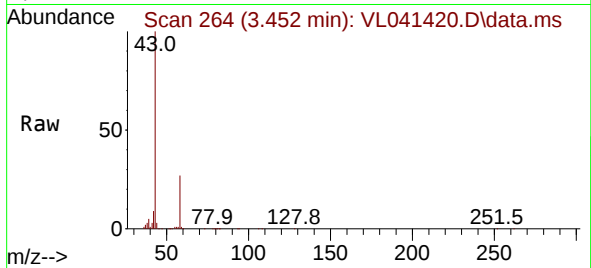
Tgt Ion:108 Resp: 478887
Ion Ratio Lower Upper
108 100
106 109.3 86.9 130.3
79 20.9 16.2 24.4





#15
Acetone
Concen: 9.110 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

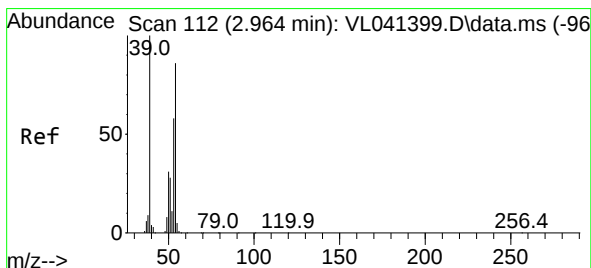
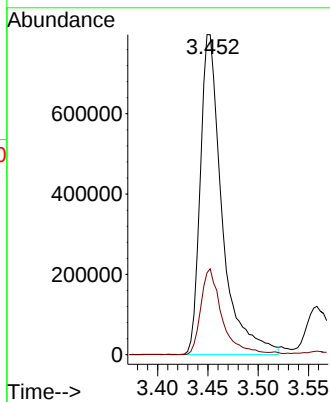
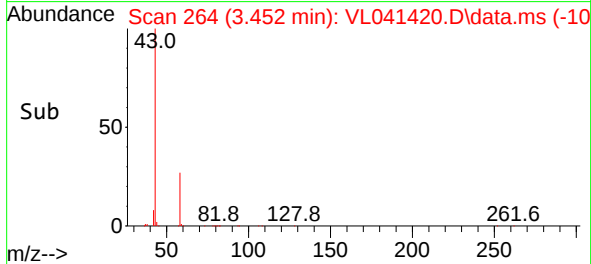
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



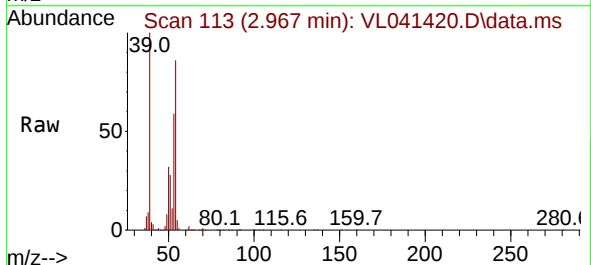
Tgt Ion: 43 Resp: 119927
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.2

Manual Integrations
APPROVED

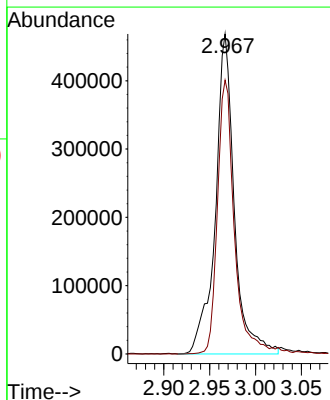
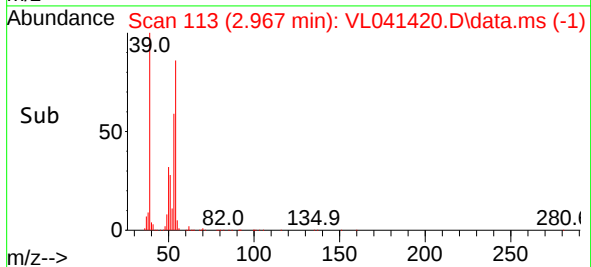
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

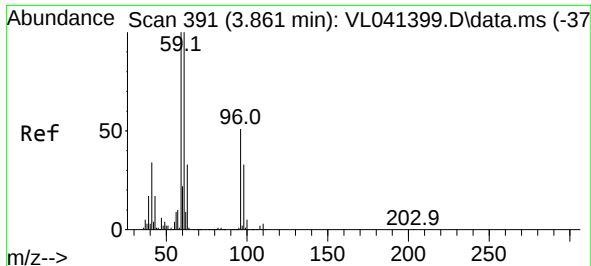


#16
1,3-Butadiene
Concen: 9.601 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



Tgt Ion: 39 Resp: 675326
Ion Ratio Lower Upper
39 100
54 77.7 62.5 93.7





#17

tert-Butyl alcohol

Concen: 10.280 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 123427

Ion Ratio Lower Upper

59 100

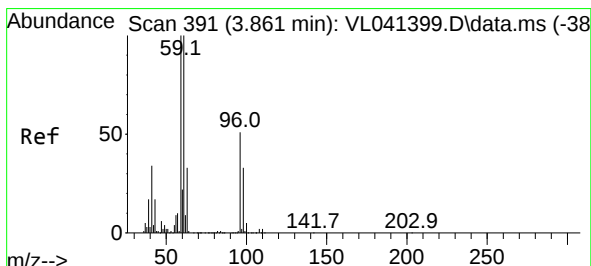
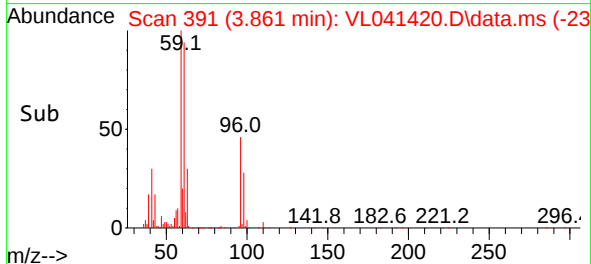
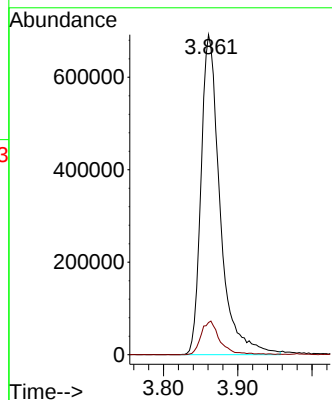
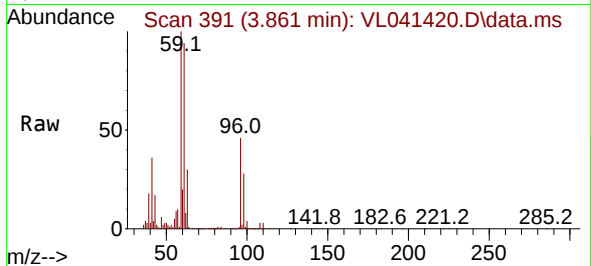
57 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#18

1,1-Dichloroethene

Concen: 9.532 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

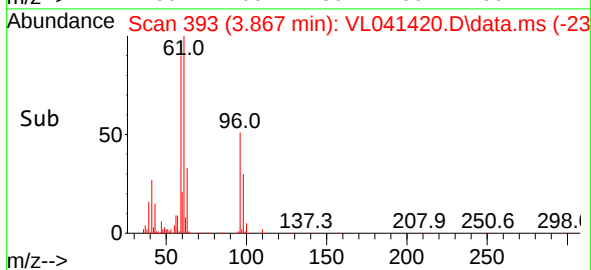
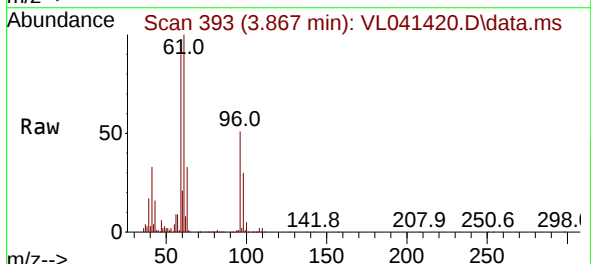
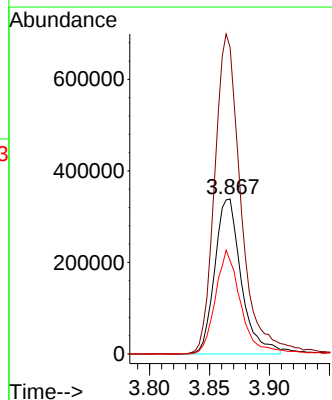
Tgt Ion: 96 Resp: 519749

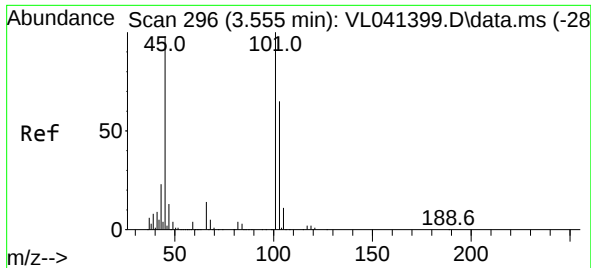
Ion Ratio Lower Upper

96 100

61 197.9 157.5 236.3

98 60.1 51.2 76.8





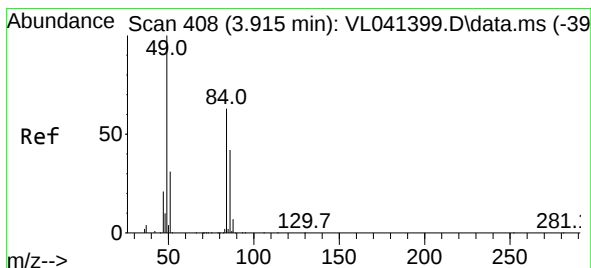
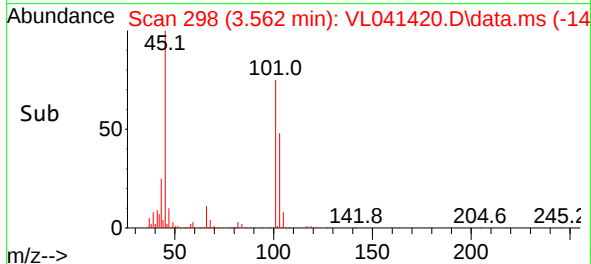
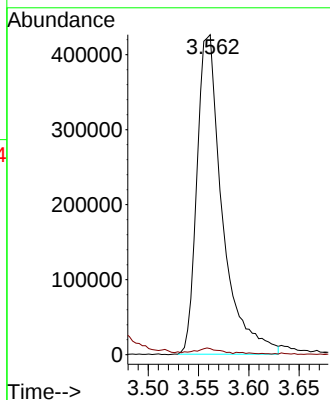
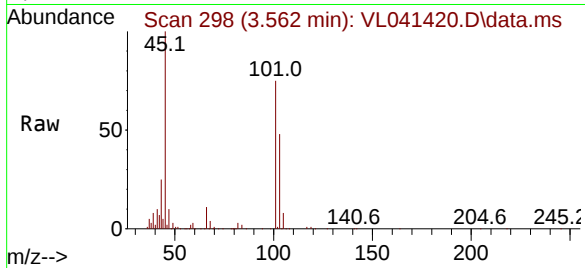
#19
Isopropyl Alcohol
Concen: 9.717 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 747849
Ion Ratio Lower Upper
45 100
58 2.7 1.9 2.9

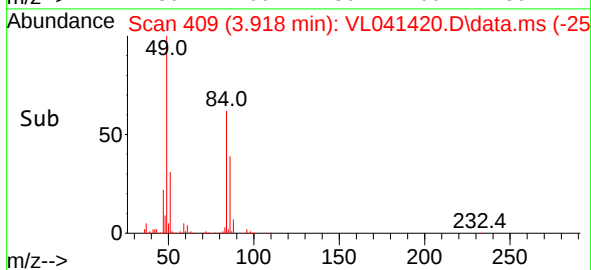
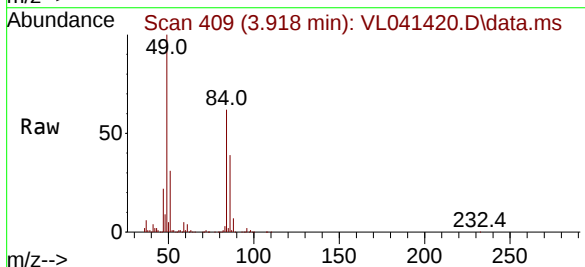
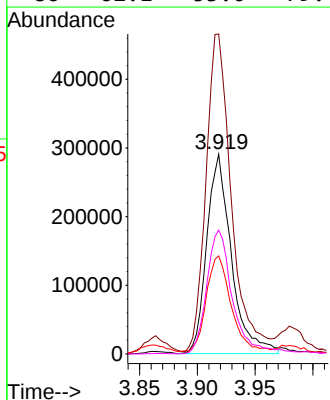
Manual Integrations
APPROVED

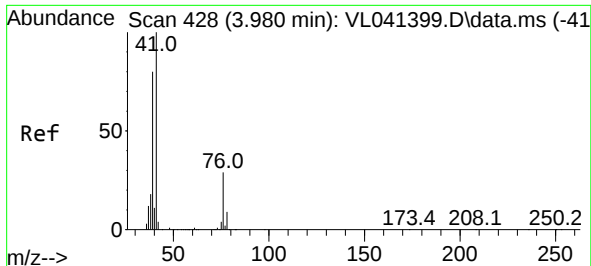
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#20
Methylene Chloride
Concen: 8.782 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

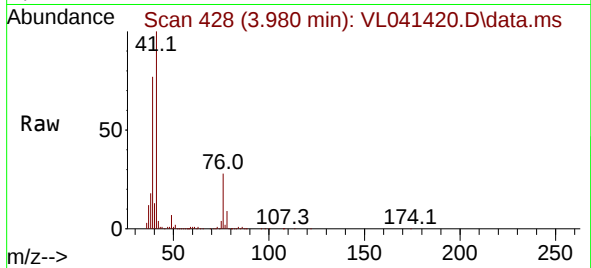
Tgt Ion: 84 Resp: 431112
Ion Ratio Lower Upper
84 100
49 158.8 126.6 190.0
51 48.0 38.6 58.0
86 62.1 53.0 79.4





#21
 Allyl Chloride
 Concen: 9.791 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

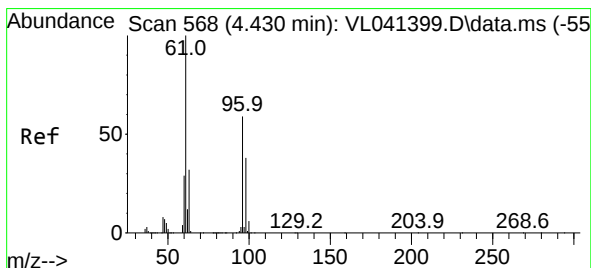
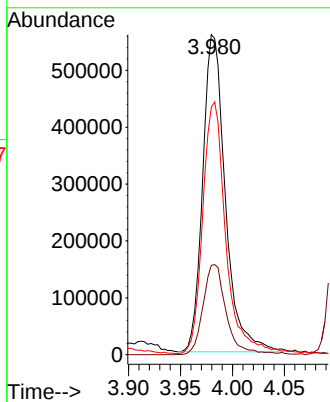
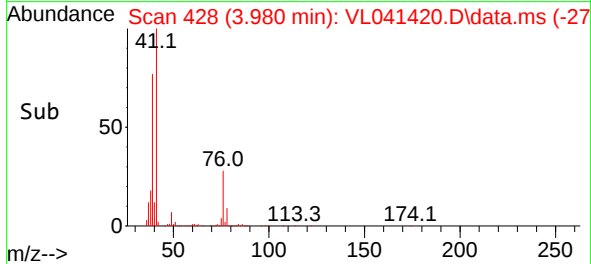
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



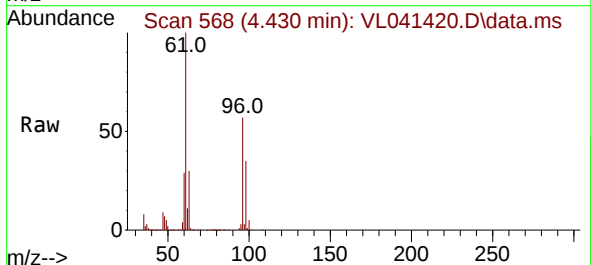
Tgt Ion: 41 Resp: 845364
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.7 35.5
 39 81.5 64.3 96.5

Manual Integrations
 APPROVED

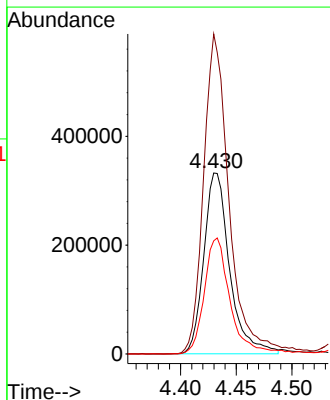
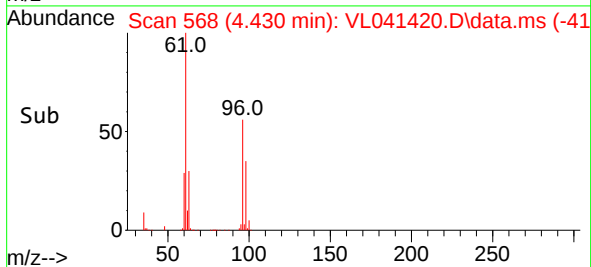
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

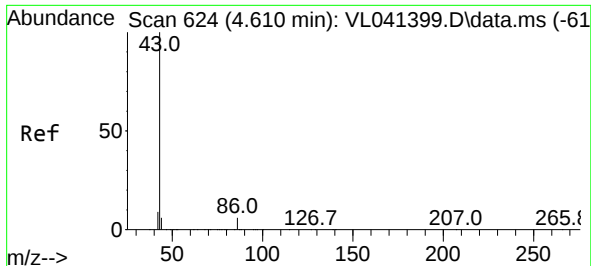


#22
 trans-1,2-Dichloroethene
 Concen: 9.824 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19



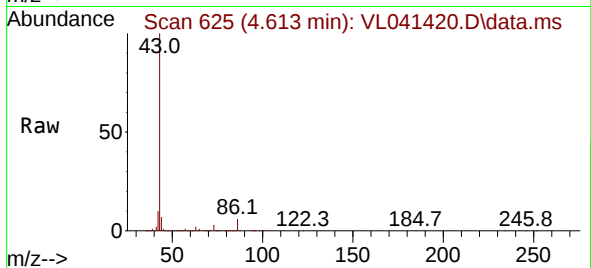
Tgt Ion: 96 Resp: 535624
 Ion Ratio Lower Upper
 96 100
 61 176.8 135.4 203.2
 98 62.5 51.0 76.4





#23
 Vinyl Acetate
 Concen: 10.629 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

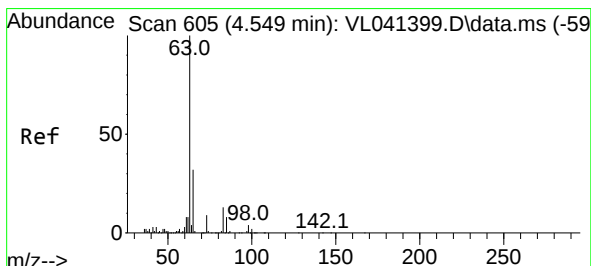
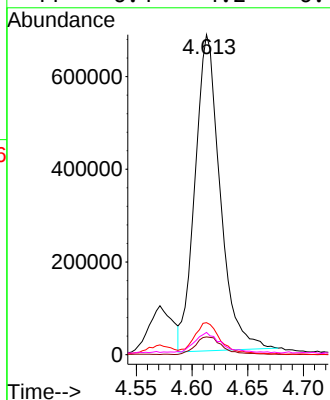
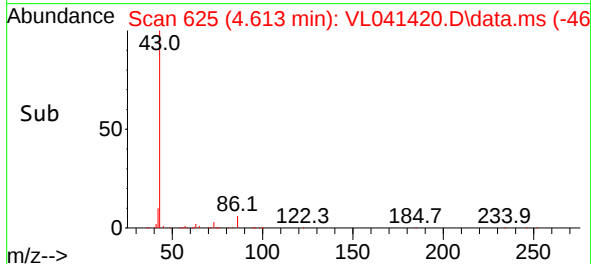
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 1068724
 Ion Ratio Lower Upper
 43 100
 86 5.6 4.6 6.8
 42 9.7 7.9 11.9
 44 6.4 4.2 6.4#

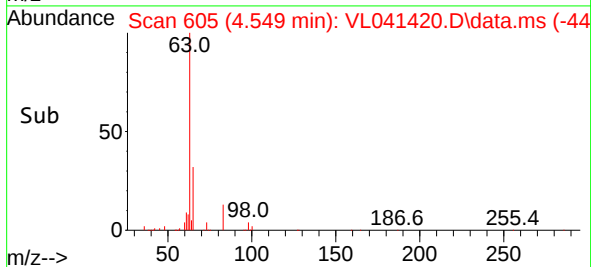
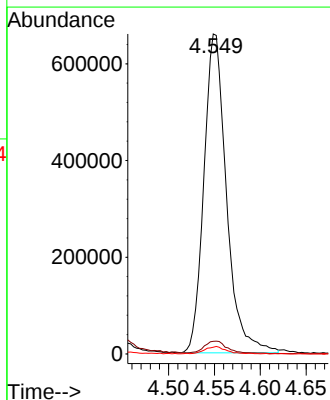
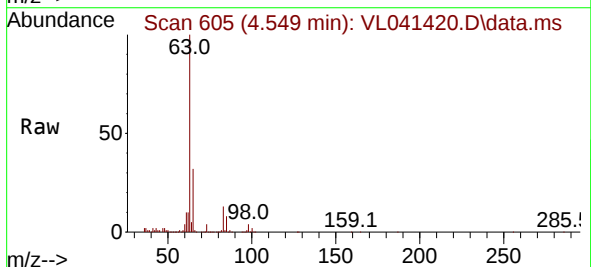
Manual Integrations
 APPROVED

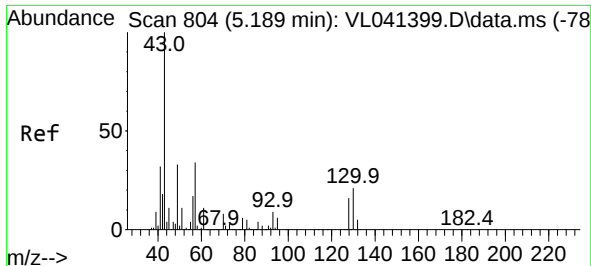
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024



#24
 1,1-Dichloroethane
 Concen: 9.549 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

Tgt Ion: 63 Resp: 1130436
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.0 6.0
 100 2.0 1.2 3.6





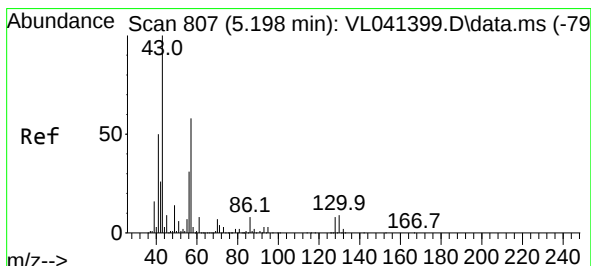
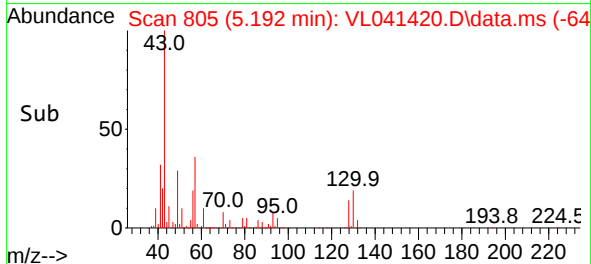
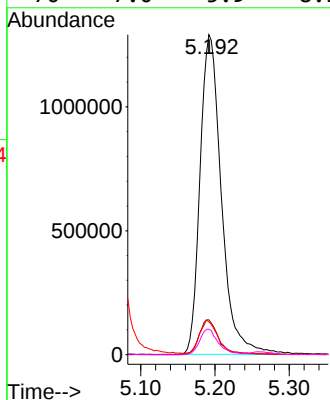
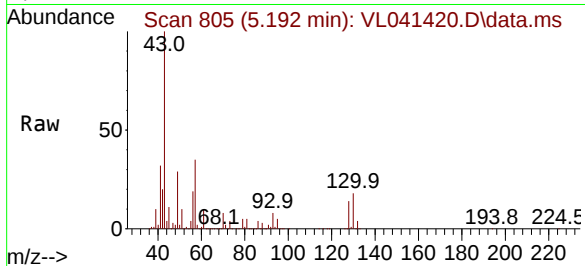
#25
Ethyl Acetate
Concen: 9.823 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 256900
Ion Ratio Lower Upper
43 100
45 10.3 8.5 12.7
61 9.8 8.0 12.0
70 7.0 5.9 8.9

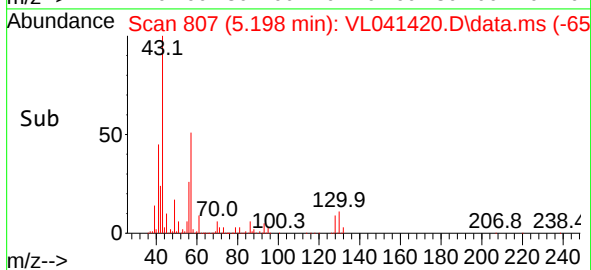
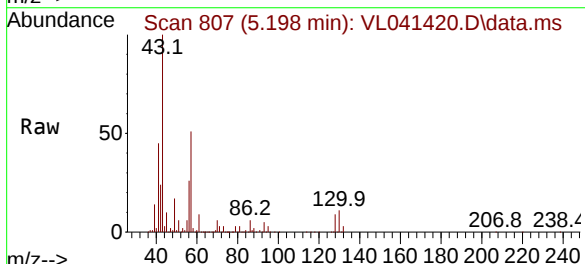
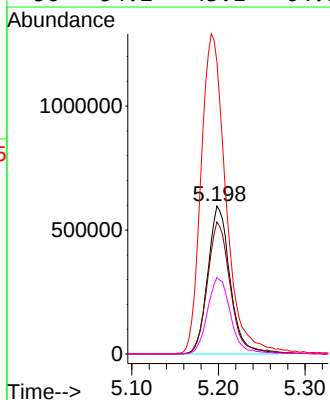
Manual Integrations
APPROVED

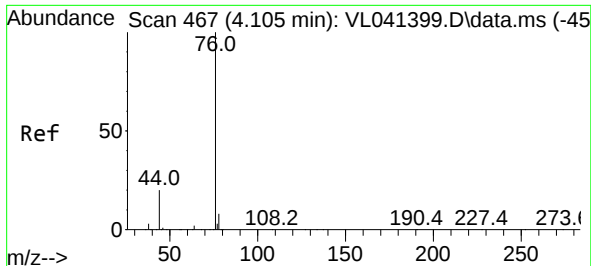
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#26
Hexane
Concen: 9.818 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 57 Resp: 1065238
Ion Ratio Lower Upper
57 100
41 92.9 74.0 111.0
43 243.6 193.6 290.4
56 54.2 43.1 64.7





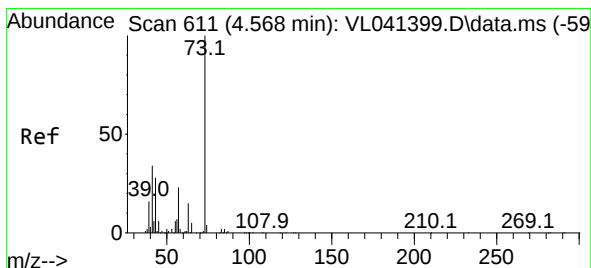
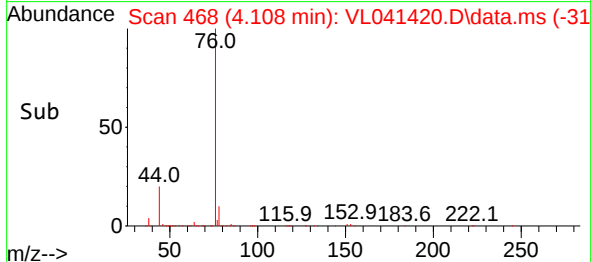
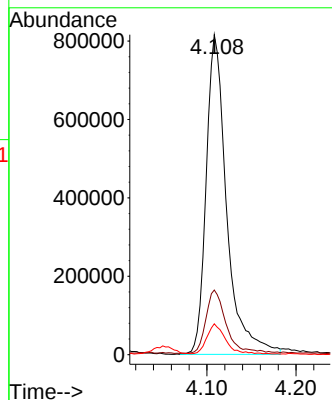
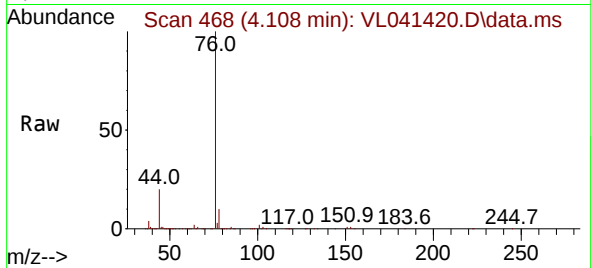
#27
Carbon Disulfide
Concen: 10.281 ppbv
RT: 4.108 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 130487
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.5 7.7 11.5

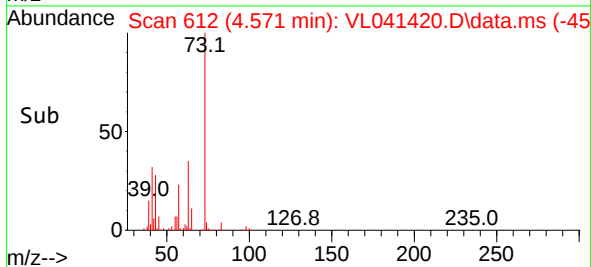
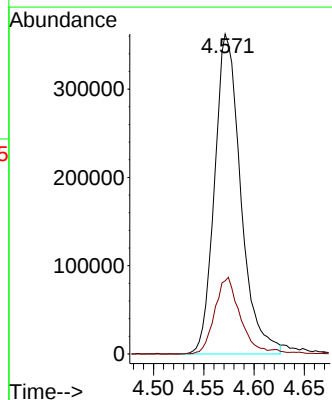
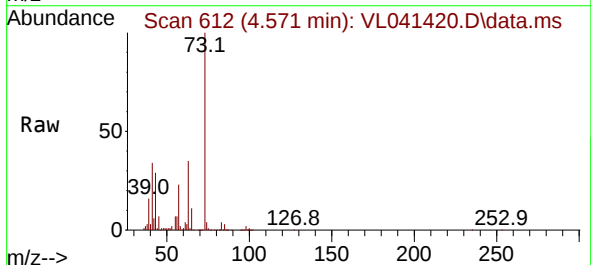
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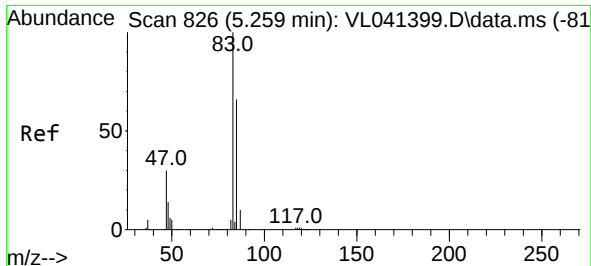
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#28
Methyl tert-Butyl Ether
Concen: 9.588 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 73 Resp: 656011
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3





#29

Chloroform

Concen: 9.478 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1677280

Ion Ratio Lower Upper

83 100

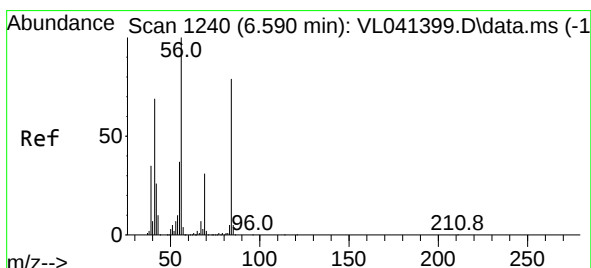
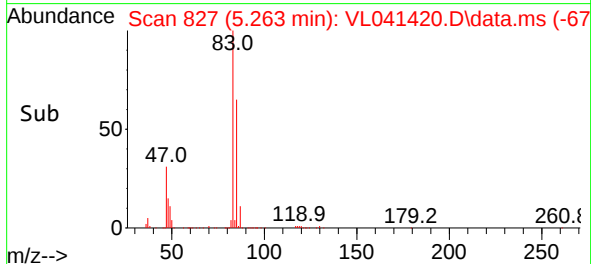
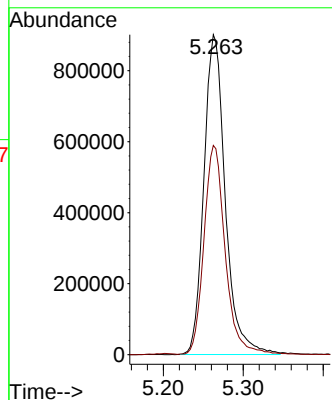
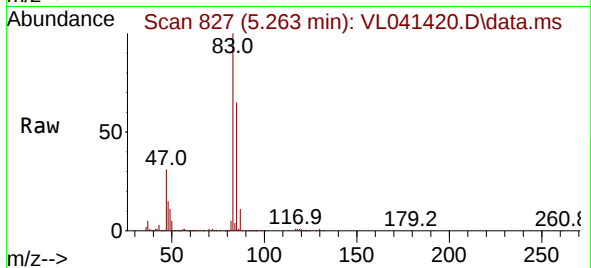
85 65.2 53.1 79.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#30

Cyclohexane

Concen: 10.495 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

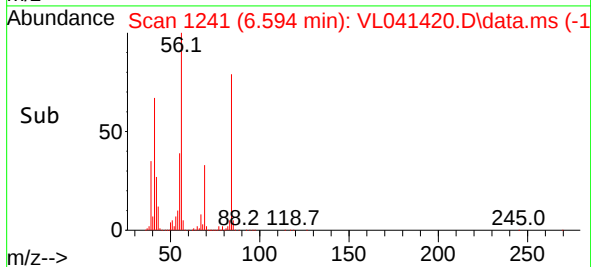
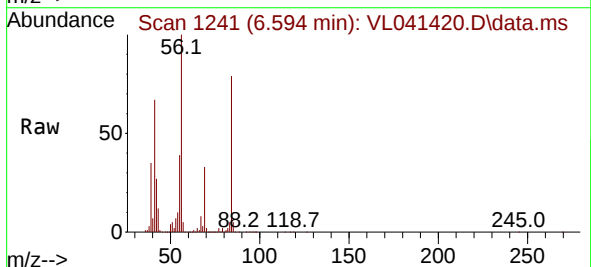
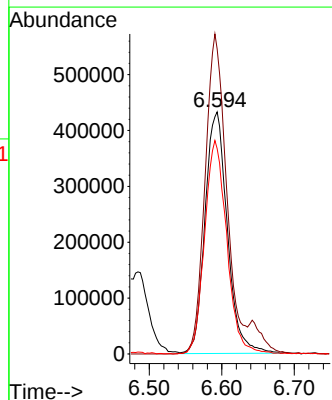
Tgt Ion: 84 Resp: 927243

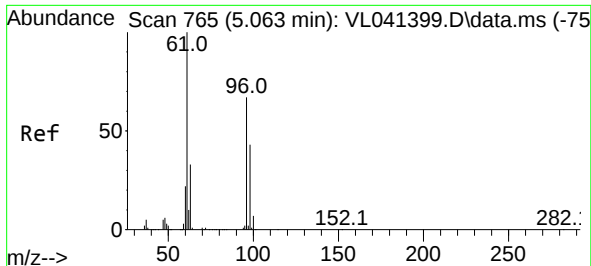
Ion Ratio Lower Upper

84 100

56 135.4 111.2 166.8

41 87.5 70.3 105.5





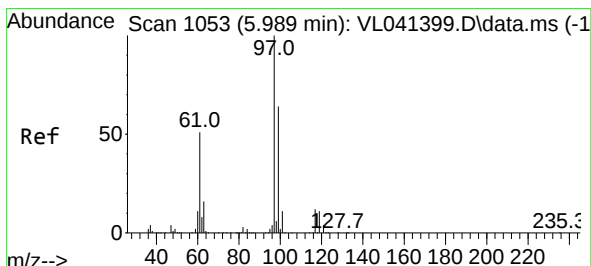
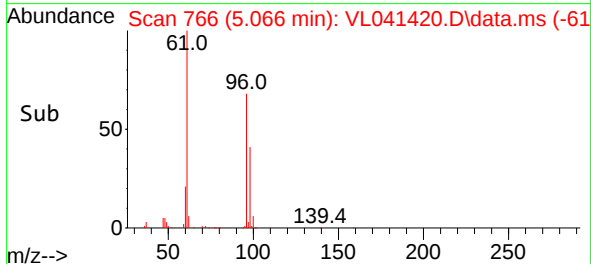
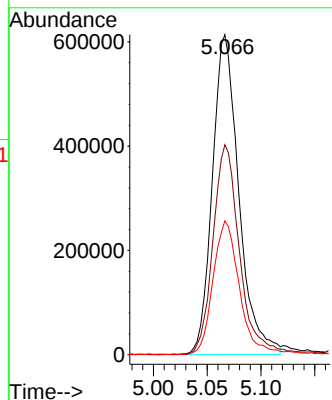
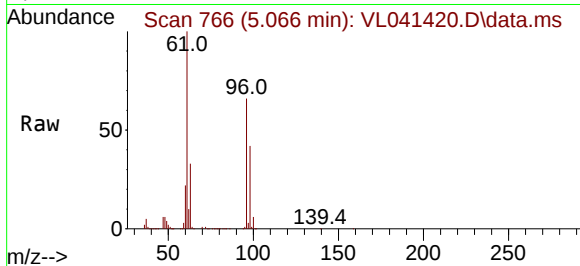
#31
cis-1,2-Dichloroethene
Concen: 9.773 ppbv
RT: 5.066 min Scan# 765
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 104740
Ion Ratio Lower Upper
61 100
96 65.6 53.4 80.2
98 41.7 34.4 51.6

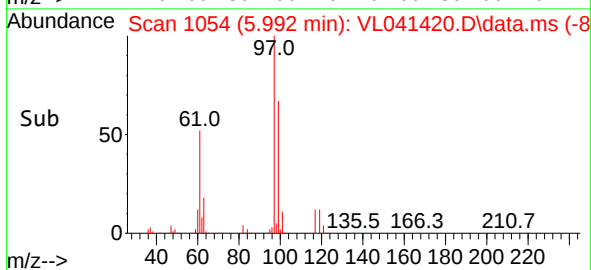
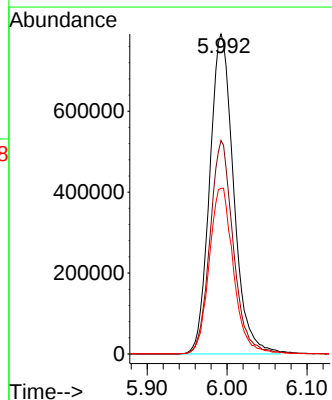
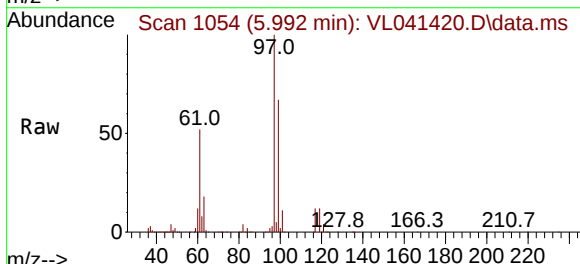
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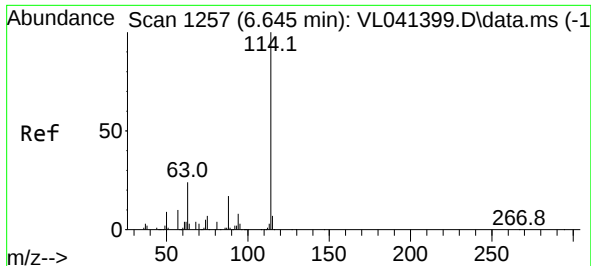
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#32
1,1,1-Trichloroethane
Concen: 9.569 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 97 Resp: 1648336
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 52.6 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 3171392

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

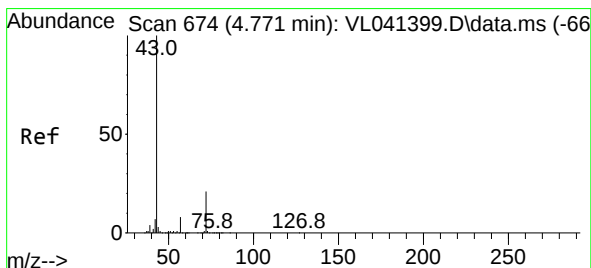
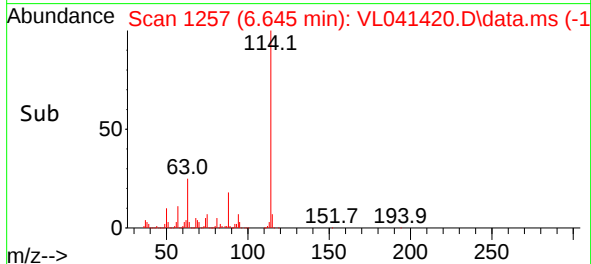
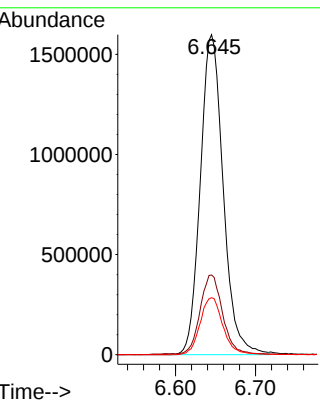
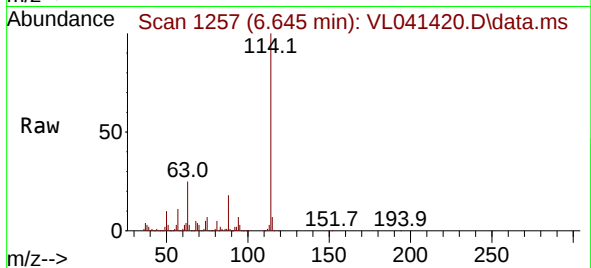
88 17.8 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#34

2-Butanone

Concen: 8.632 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL041420.D

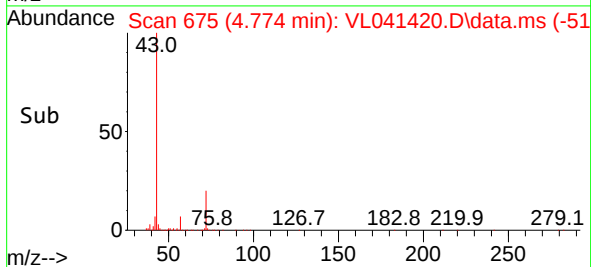
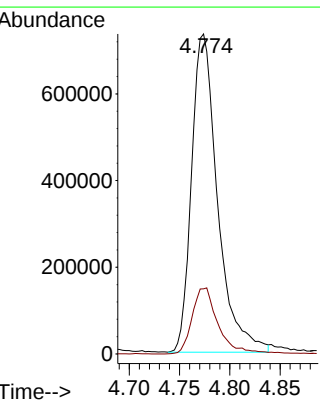
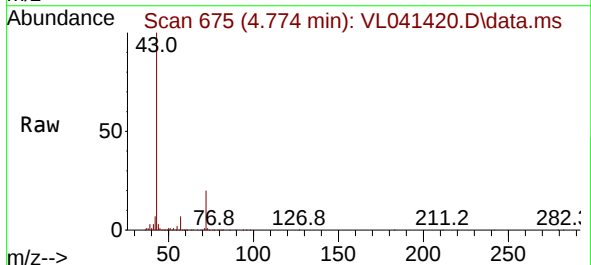
Acq: 29 Jul 2024 8:19

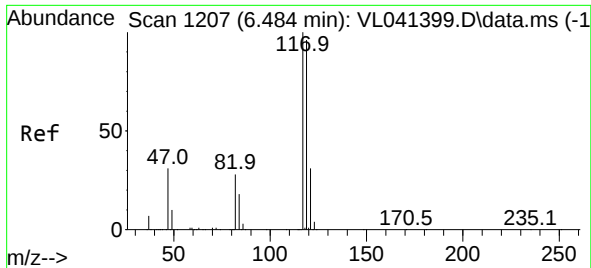
Tgt Ion: 43 Resp: 1324291

Ion Ratio Lower Upper

43 100

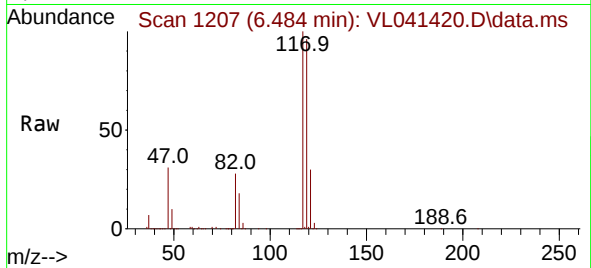
72 21.3 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.036 ppbv
RT: 6.484 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

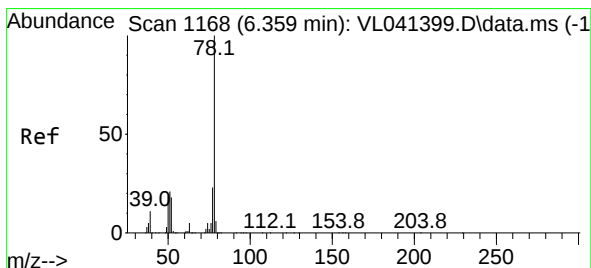
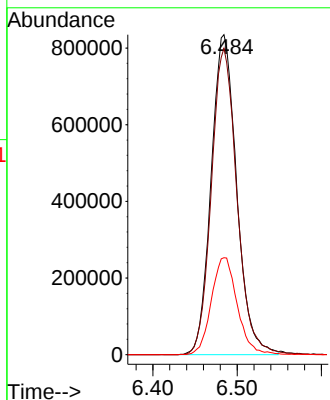
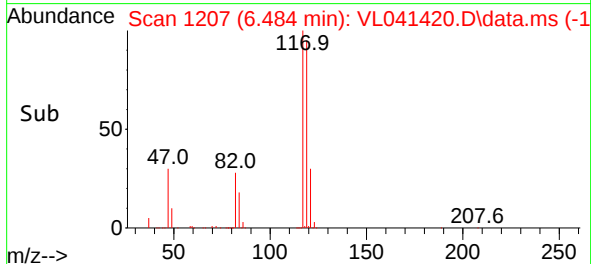
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 1755494
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 30.3 25.1 37.7

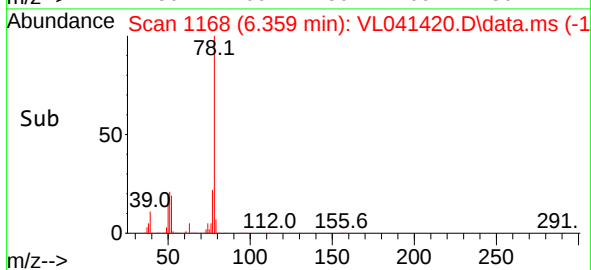
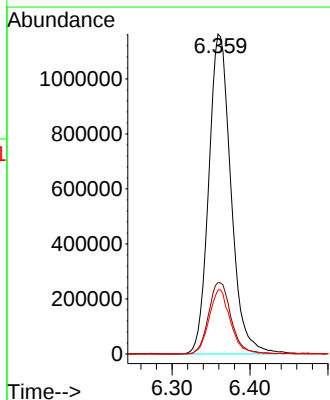
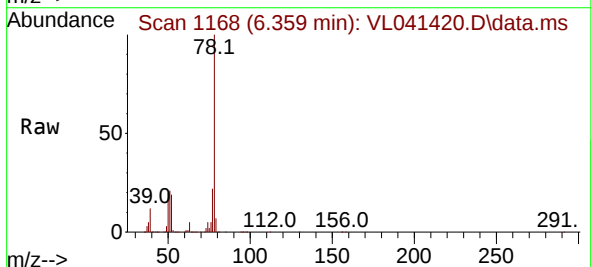
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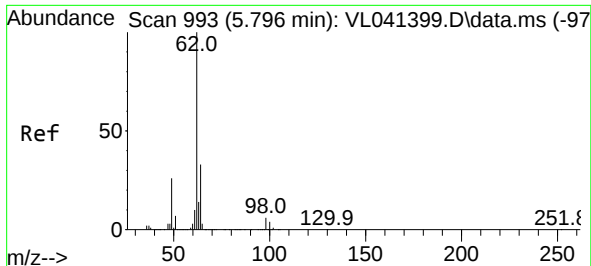
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#36
Benzene
Concen: 9.914 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 78 Resp: 2297398
Ion Ratio Lower Upper
78 100
77 22.3 18.1 27.1
50 19.9 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.972 ppbv

RT: 5.796 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 129330

Ion Ratio Lower Upper

62 100

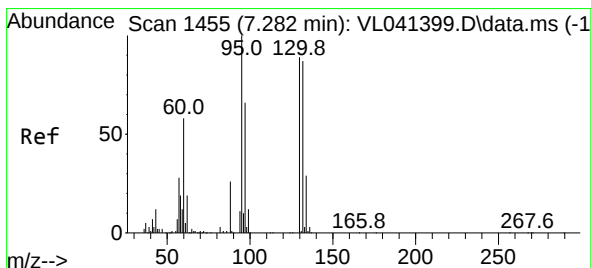
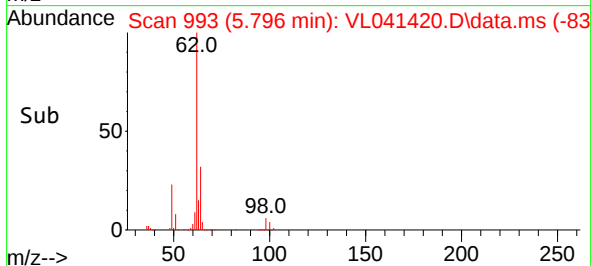
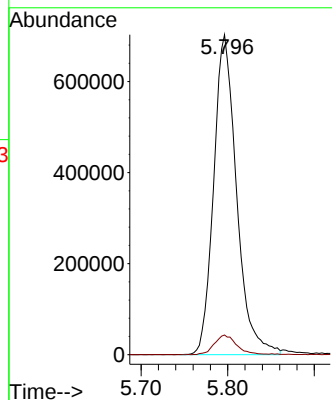
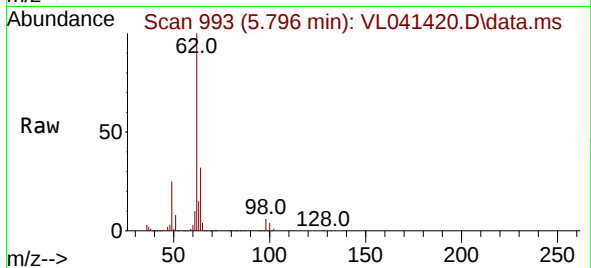
98 6.2 5.0 7.4

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#38

Trichloroethene

Concen: 10.181 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Tgt Ion:130 Resp: 1080879

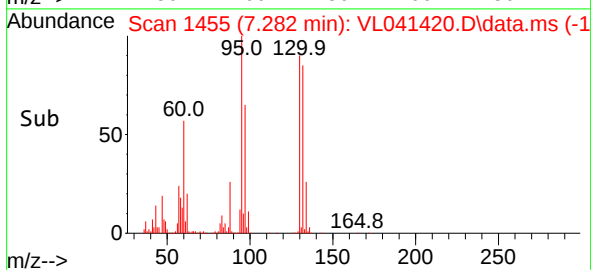
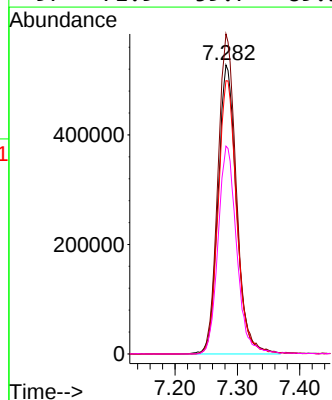
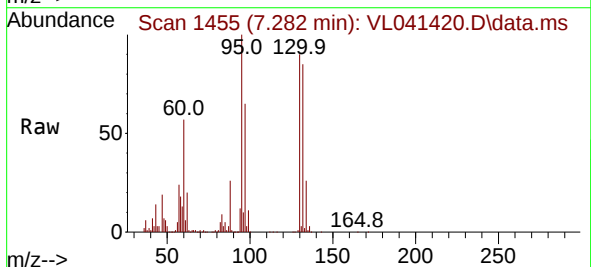
Ion Ratio Lower Upper

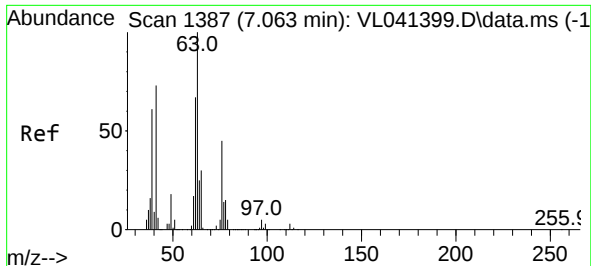
130 100

95 110.7 90.2 135.2

132 94.6 78.1 117.1

97 71.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.952 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041420.D

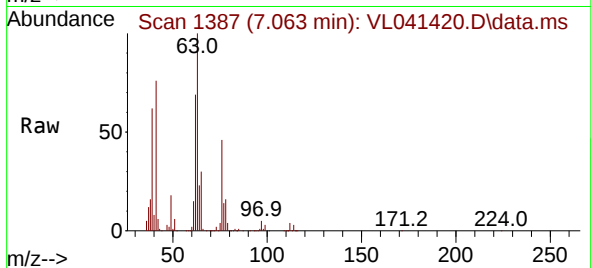
Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 882920

Ion Ratio Lower Upper

63 100

41 75.9 58.3 87.5

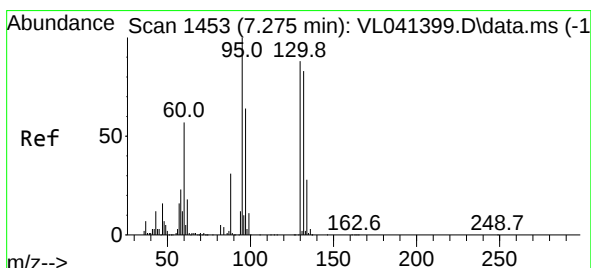
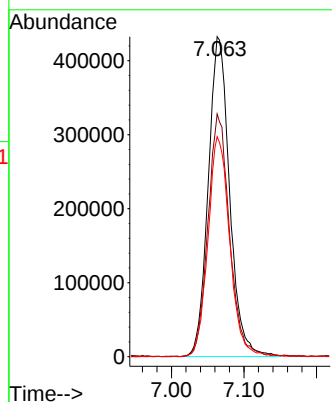
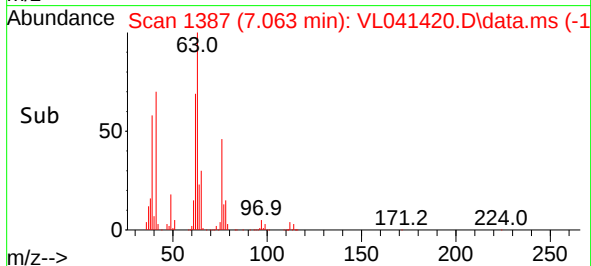
62 68.8 53.9 80.9

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#40

1,4-Dioxane

Concen: 9.944 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Tgt Ion: 88 Resp: 354417

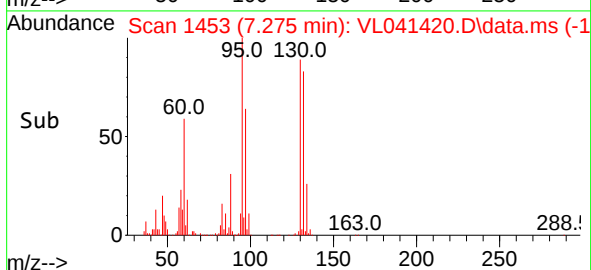
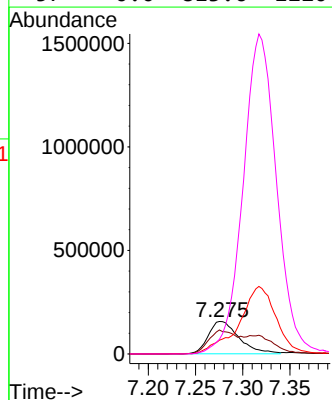
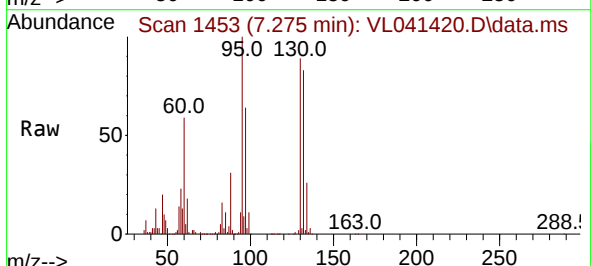
Ion Ratio Lower Upper

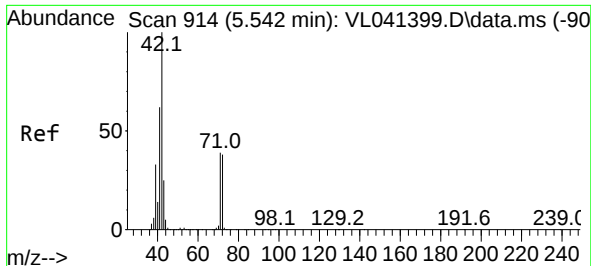
88 100

58 123.6 95.8 143.6

43 0.0 188.2 282.2#

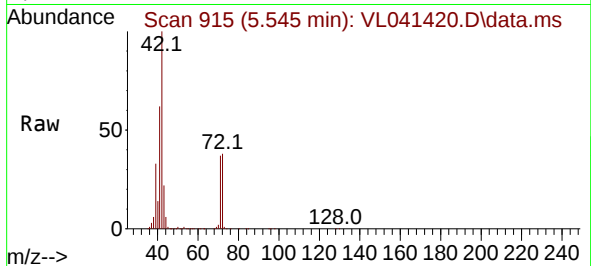
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 10.576 ppbv
RT: 5.545 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

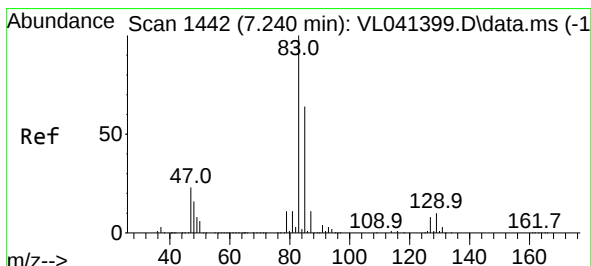
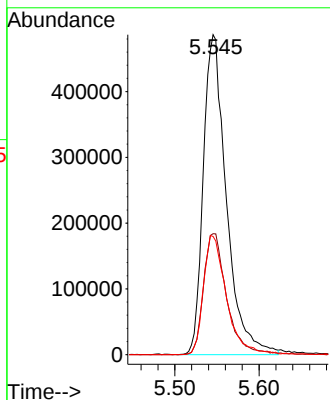
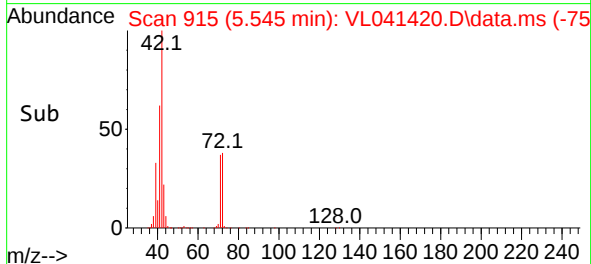
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 927948
Ion Ratio Lower Upper
42 100
72 38.2 31.2 46.8
71 37.5 30.5 45.7

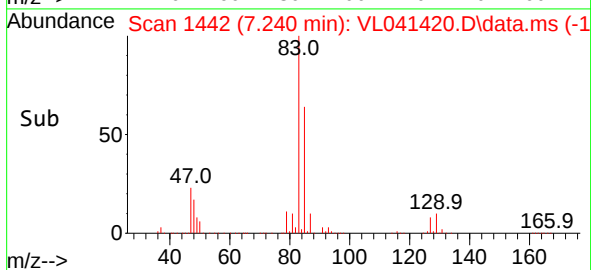
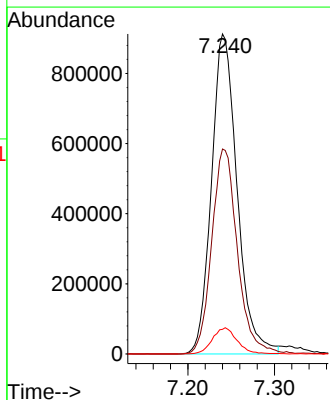
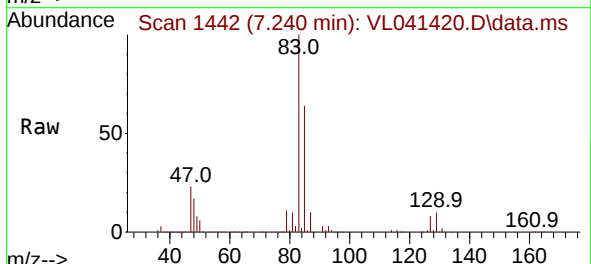
Manual Integrations
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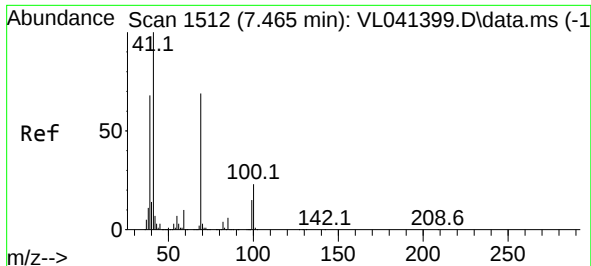
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#42
Bromodichloromethane
Concen: 10.028 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 83 Resp: 1877969
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0
127 7.7 6.7 10.1





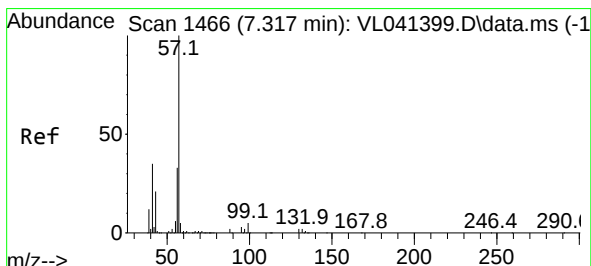
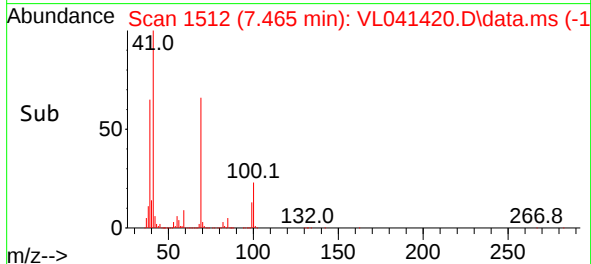
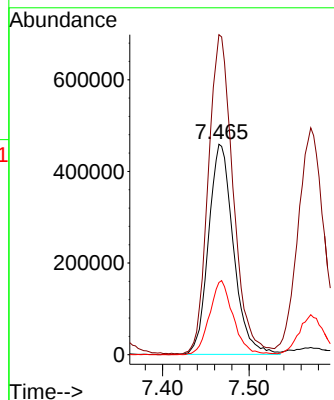
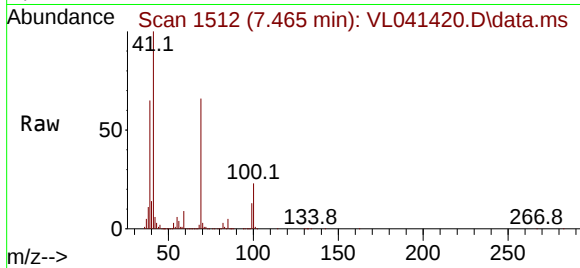
#43
Methyl Methacrylate
Concen: 10.999 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 913985
Ion Ratio Lower Upper
69 100
41 152.1 118.7 178.1
100 33.7 27.0 40.4

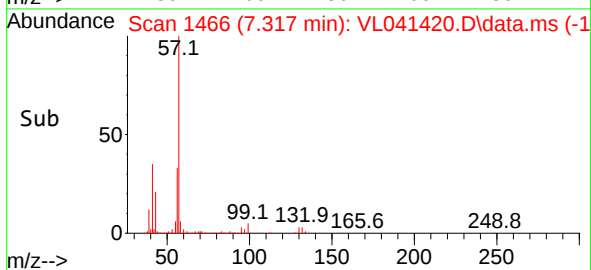
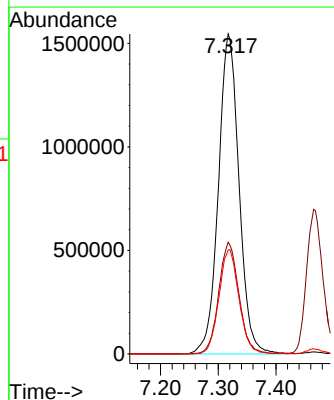
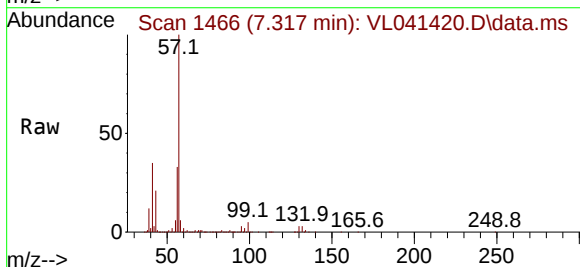
Manual Integrations
APPROVED

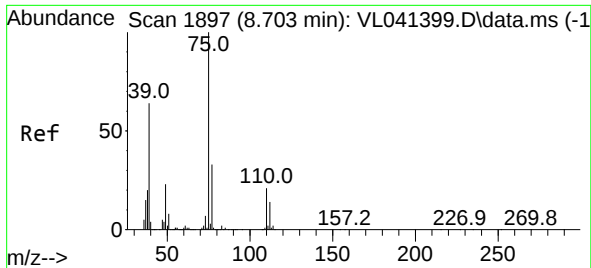
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#44
2,2,4-Trimethylpentane
Concen: 9.892 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion: 57 Resp: 3828523
Ion Ratio Lower Upper
57 100
41 34.2 27.0 40.6
56 31.8 25.2 37.8





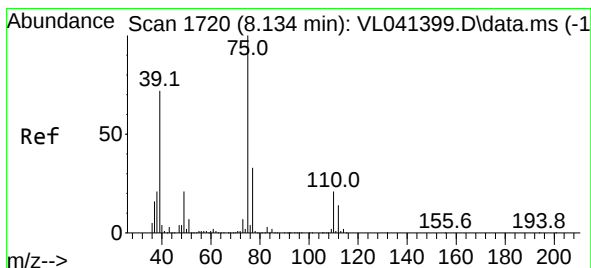
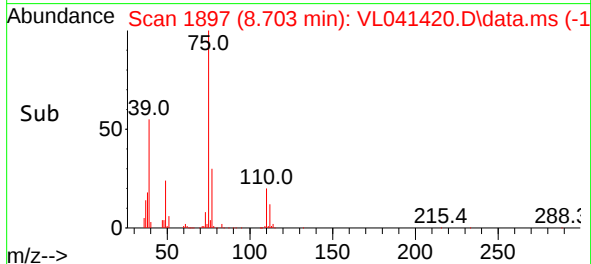
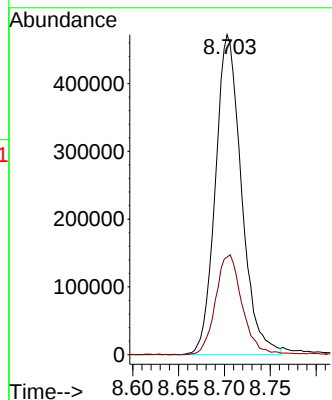
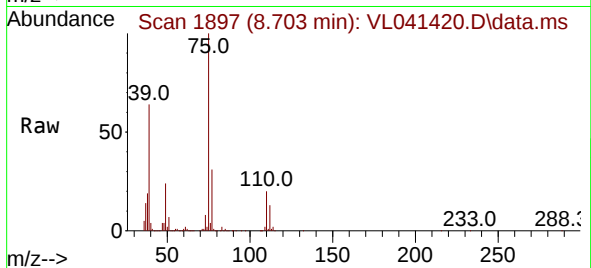
#45
 t-1,3-Dichloropropene
 Concen: 12.198 ppbv
 RT: 8.703 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 932943
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.5 39.7

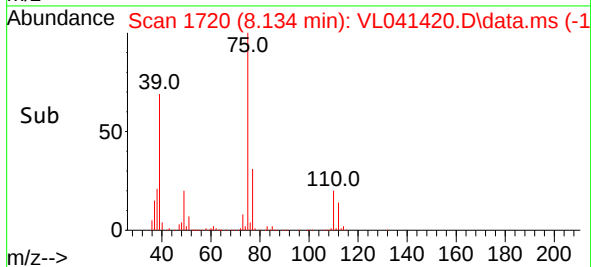
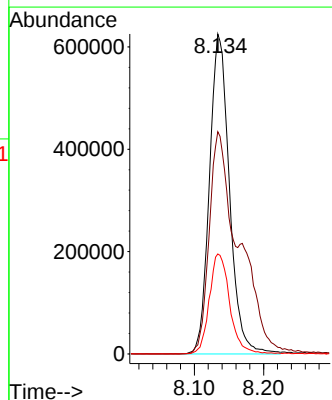
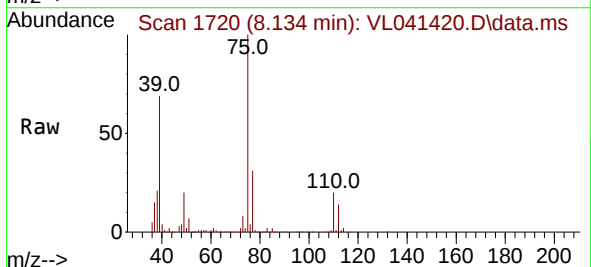
Manual Integrations
 APPROVED

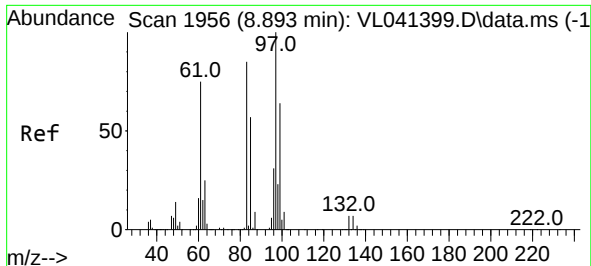
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024



#46
 cis-1,3-Dichloropropene
 Concen: 11.322 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

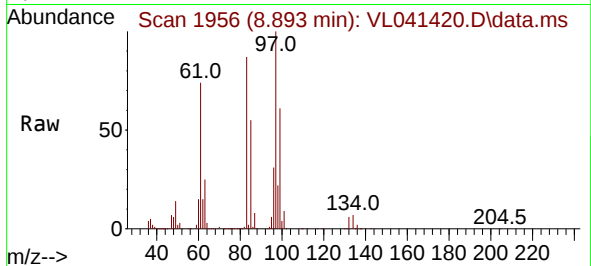
Tgt Ion: 75 Resp: 1250483
 Ion Ratio Lower Upper
 75 100
 39 69.4 57.3 85.9
 77 31.3 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.810 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

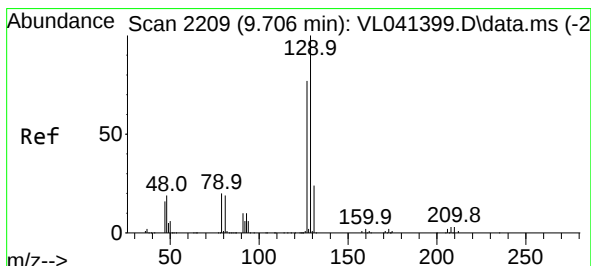
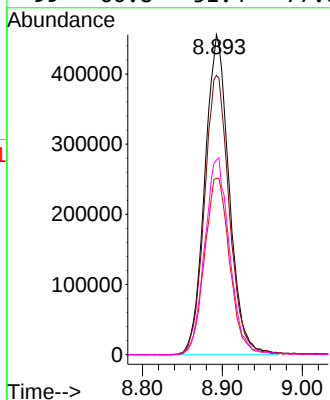
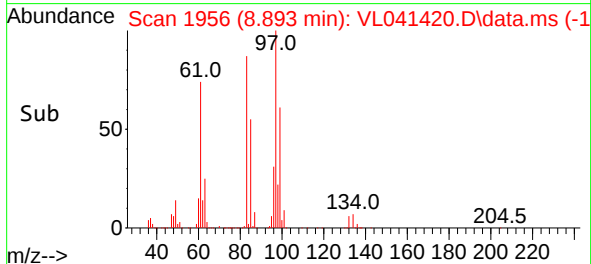
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



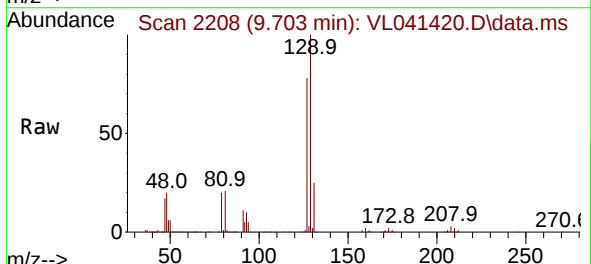
Tgt Ion: 97 Resp: 959380
Ion Ratio Lower Upper
97 100
83 87.2 67.6 101.4
85 55.0 45.9 68.9
99 60.8 51.4 77.0

Manual Integrations
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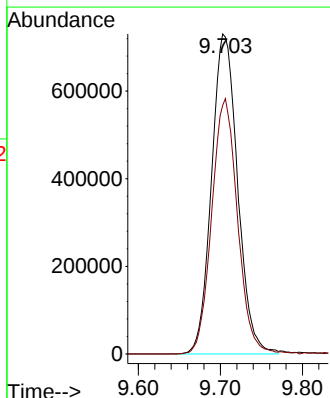
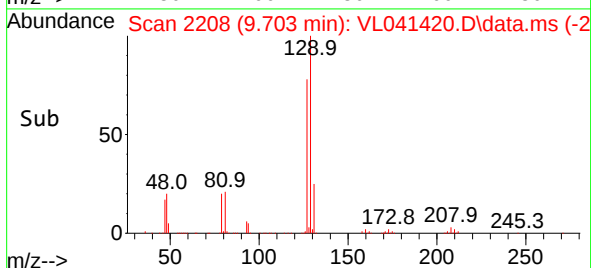
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

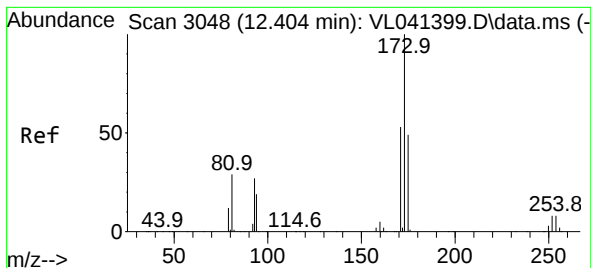


#48
Dibromochloromethane
Concen: 10.261 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



Tgt Ion:129 Resp: 1616507
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8





#49

Bromoform

Concen: 10.666 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1419478

Ion Ratio Lower Upper

173 100

175 50.1 39.9 59.9

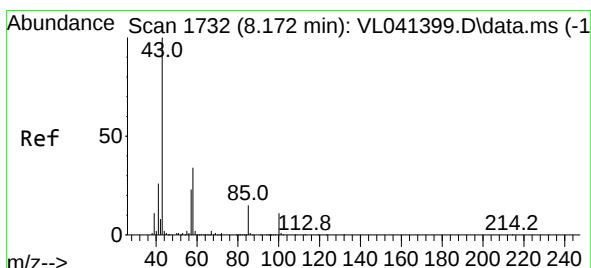
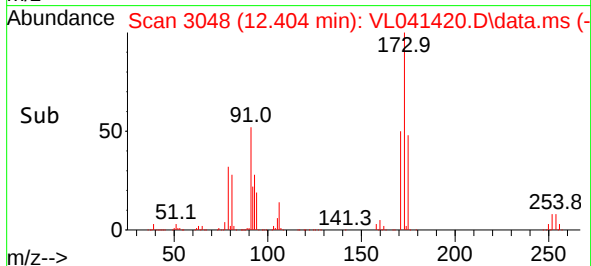
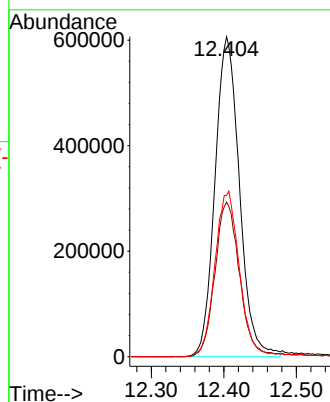
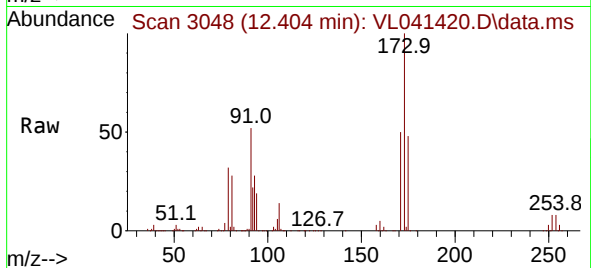
171 52.9 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#50

4-Methyl-2-Pentanone

Concen: 10.576 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041420.D

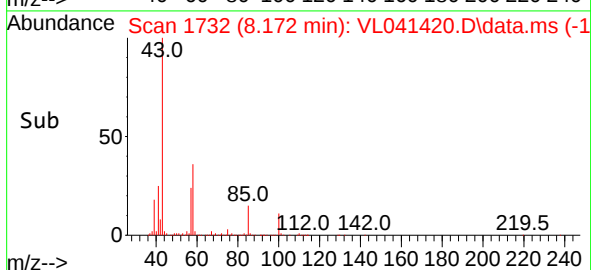
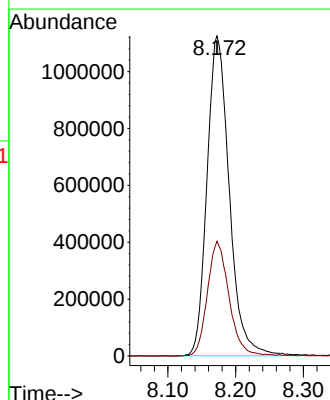
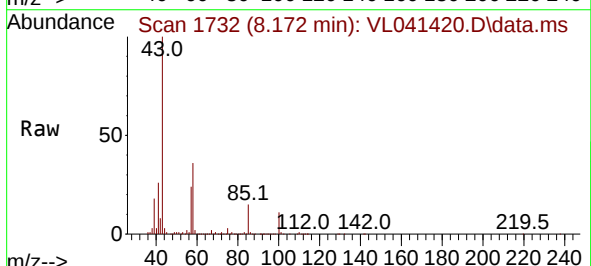
Acq: 29 Jul 2024 8:19

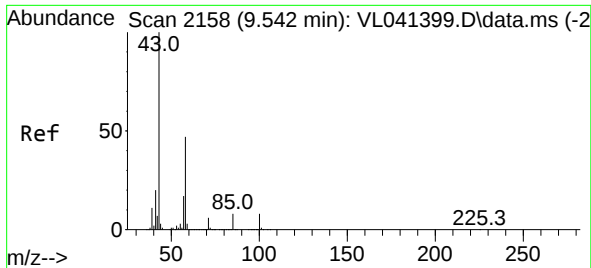
Tgt Ion: 43 Resp: 2559795

Ion Ratio Lower Upper

43 100

58 35.1 27.9 41.9





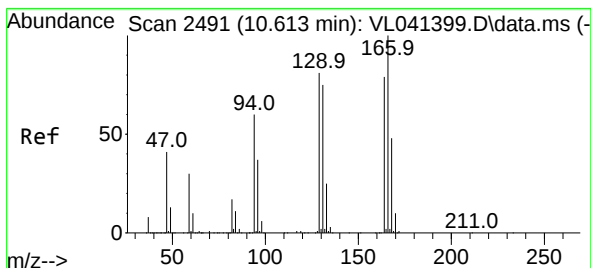
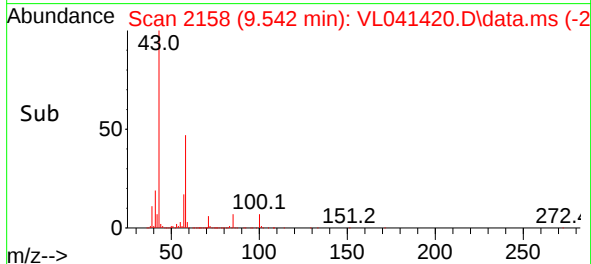
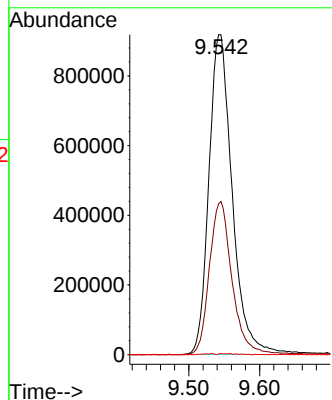
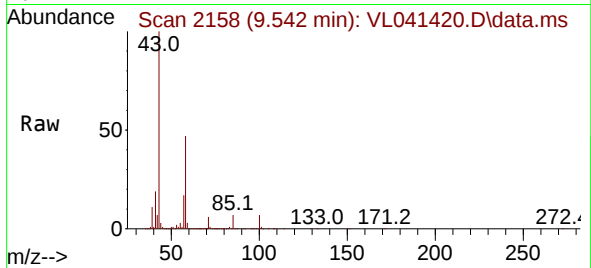
#51
2-Hexanone
Concen: 11.412 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 208856
Ion Ratio Lower Upper
43 100
58 47.3 38.2 57.2
98 0.4 0.3 0.5

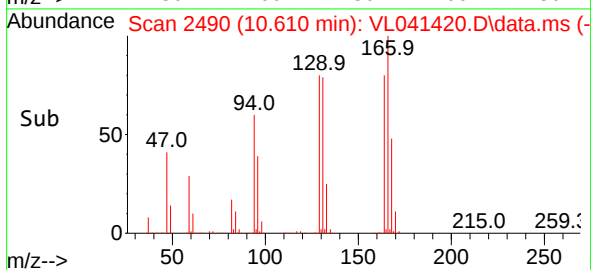
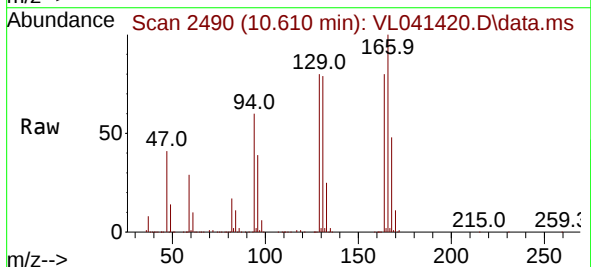
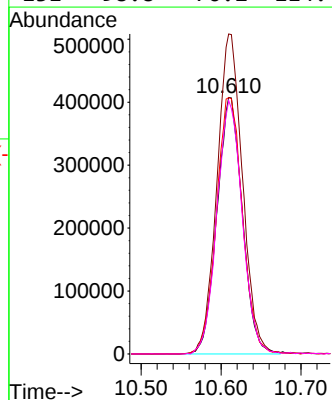
Manual Integrations
APPROVED

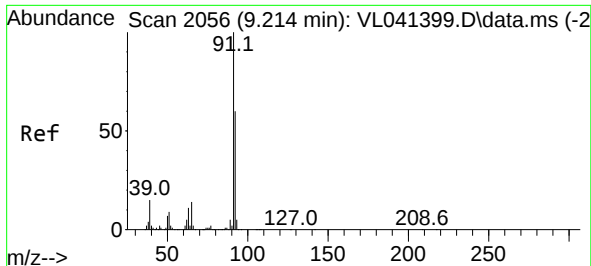
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#52
Tetrachloroethene
Concen: 9.989 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion:164 Resp: 894422
Ion Ratio Lower Upper
164 100
166 124.7 101.1 151.7
129 99.9 81.7 122.5
131 98.8 76.2 114.4





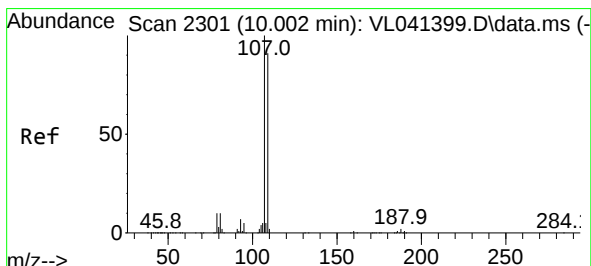
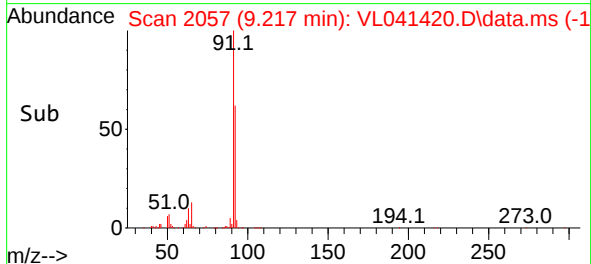
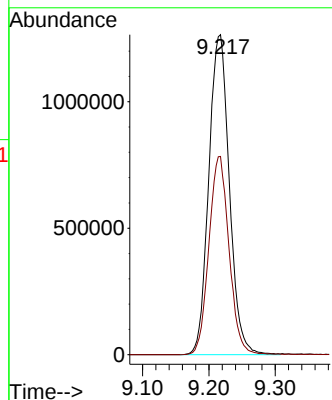
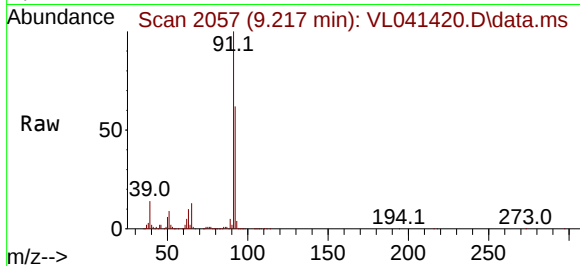
#53
Toluene
Concen: 10.549 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2722950
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1

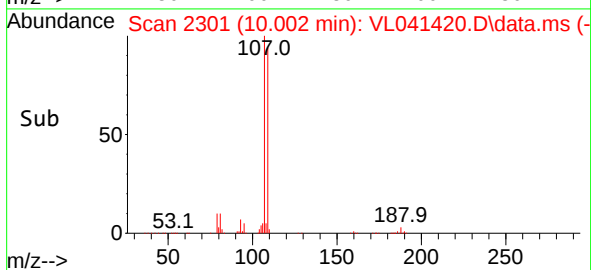
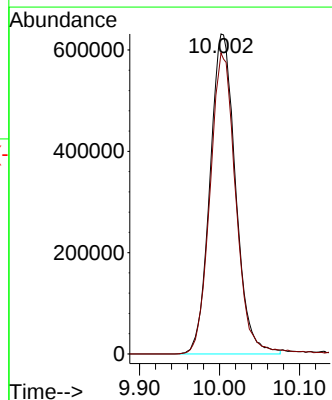
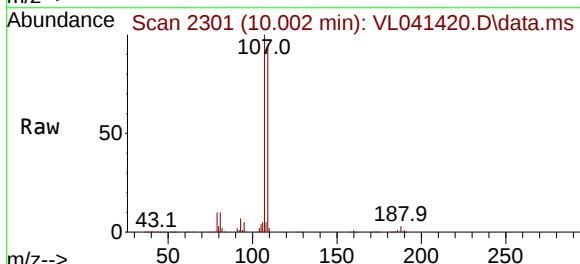
Manual Integrations
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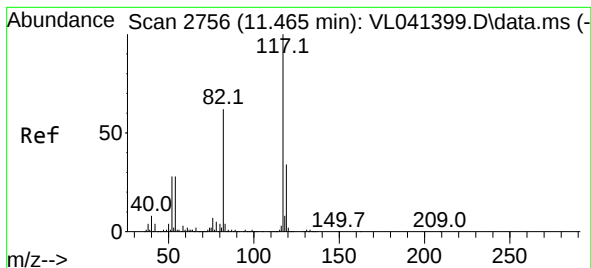
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#54
1,2-Dibromoethane
Concen: 10.770 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

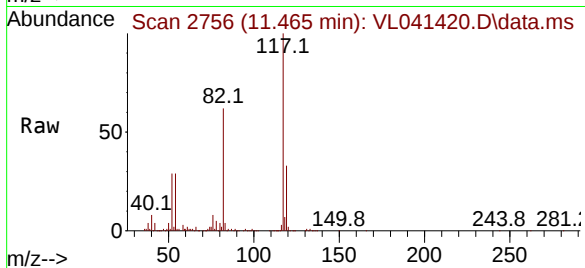
Tgt Ion:107 Resp: 1401882
Ion Ratio Lower Upper
107 100
109 93.9 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

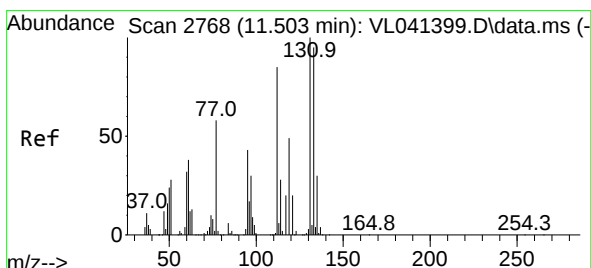
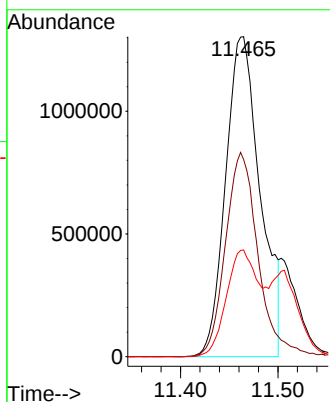
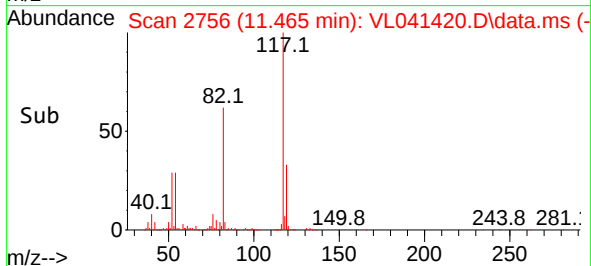
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



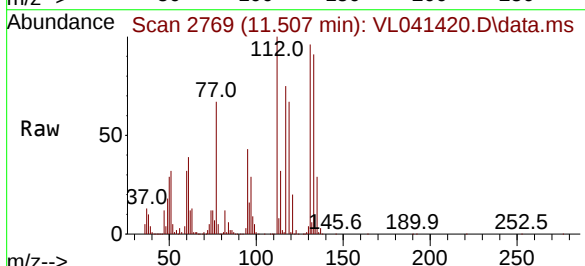
Tgt Ion:117 Resp: 3225299
Ion Ratio Lower Upper
117 100
82 60.5 51.0 76.6
119 29.8 45.2 67.8

Manual Integrations
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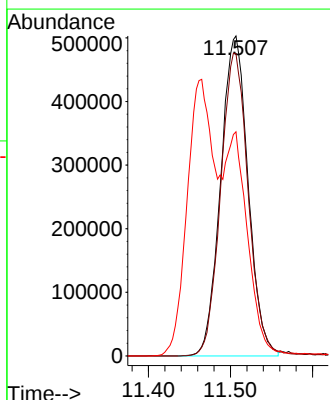
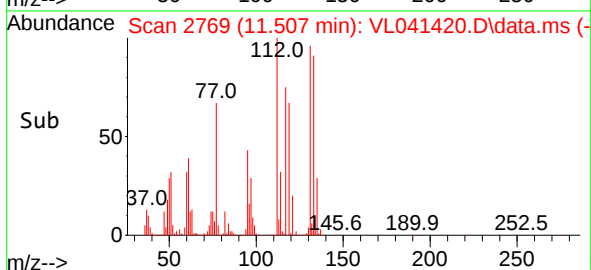
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

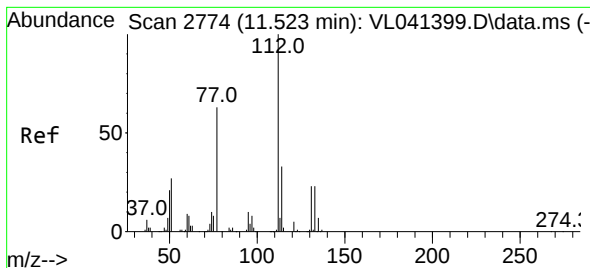


#56
1,1,1,2-Tetrachloroethane
Concen: 9.362 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



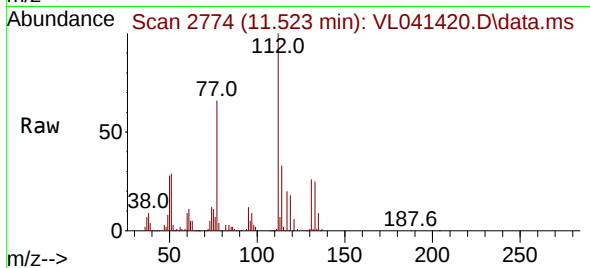
Tgt Ion:131 Resp: 1170991
Ion Ratio Lower Upper
131 100
133 96.3 77.0 115.4
119 60.9 121.5 182.3





#57
Chlorobenzene
Concen: 9.129 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

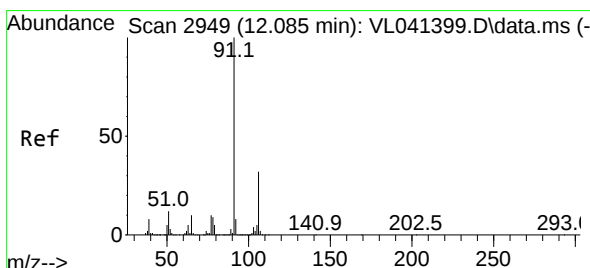
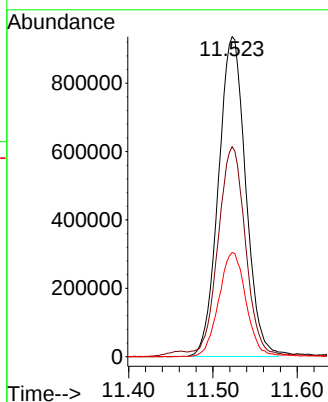
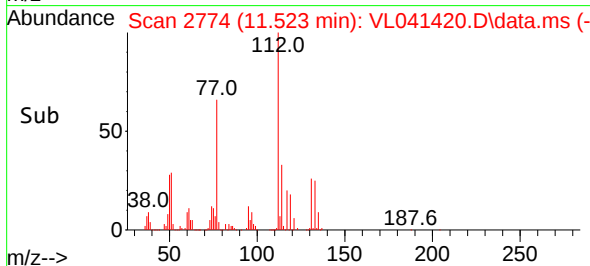
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



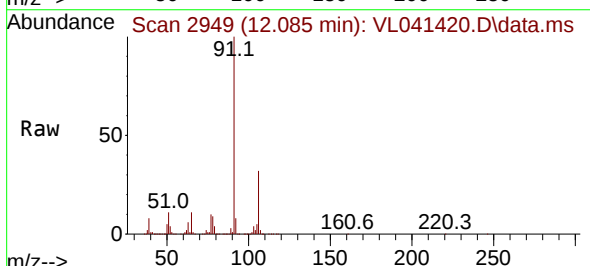
Tgt Ion:112 Resp: 2096350
Ion Ratio Lower Upper
112 100
77 64.6 51.1 76.7
114 32.5 29.5 36.1

Manual Integrations
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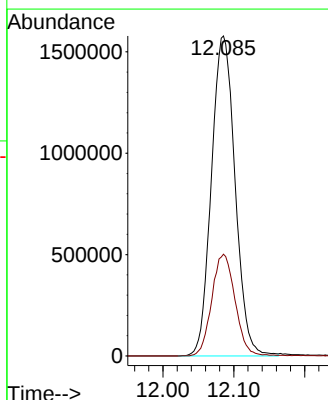
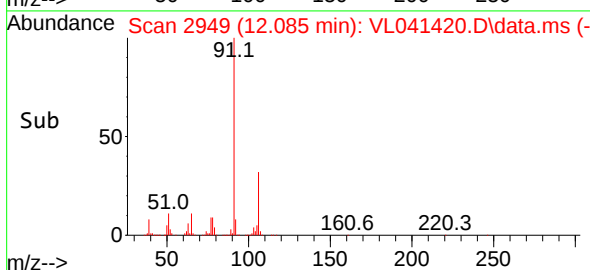
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

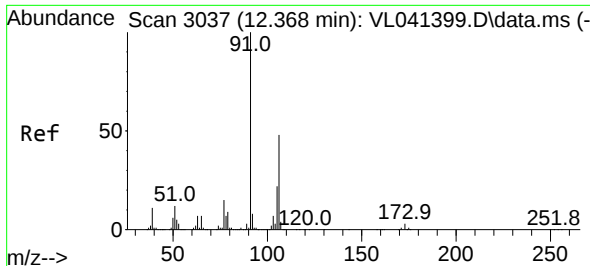


#58
Ethyl Benzene
Concen: 9.862 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



Tgt Ion: 91 Resp: 3666360
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8





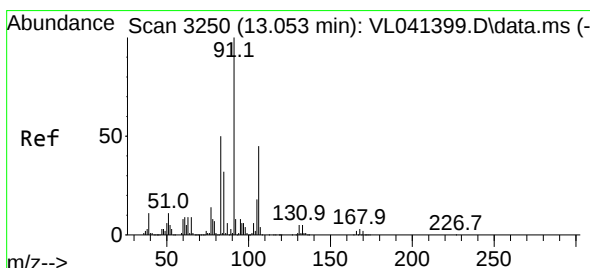
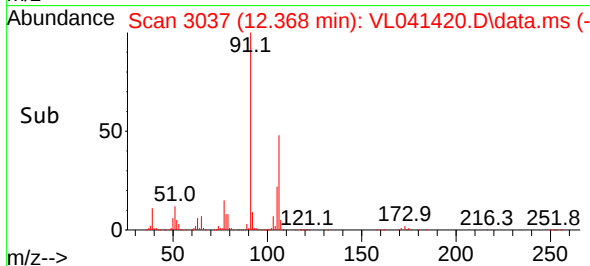
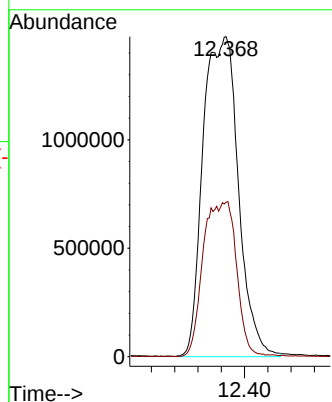
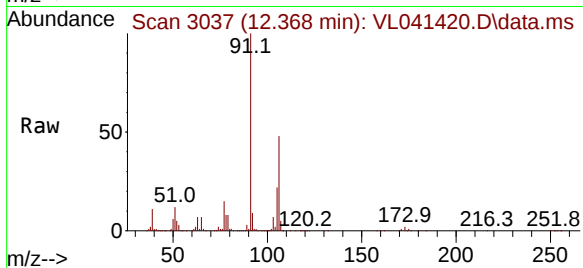
#59
m/p-Xylene
Concen: 19.345 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 620797
Ion Ratio Lower Upper
91 100
106 46.0 36.3 54.5

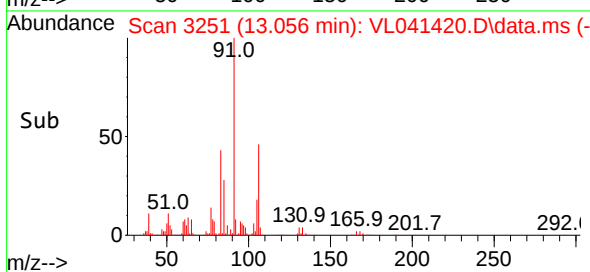
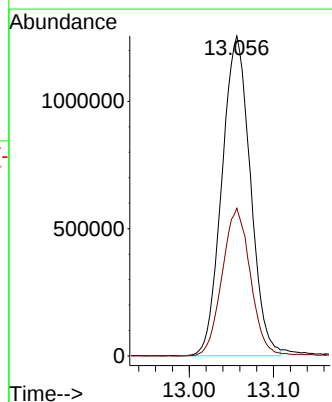
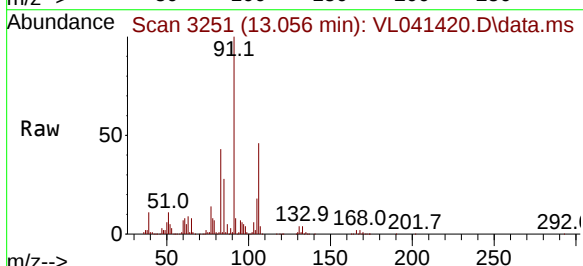
Manual Integrations
APPROVED

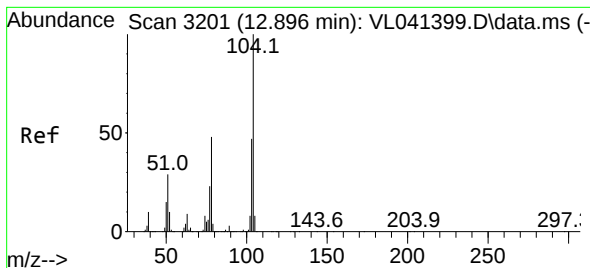
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#60
o-Xylene
Concen: 9.677 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

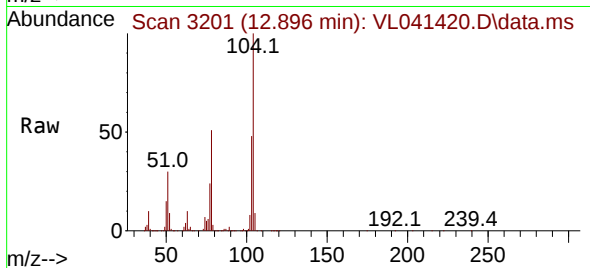
Tgt Ion: 91 Resp: 2937605
Ion Ratio Lower Upper
91 100
106 46.5 23.1 69.3





#61
Styrene
Concen: 10.740 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

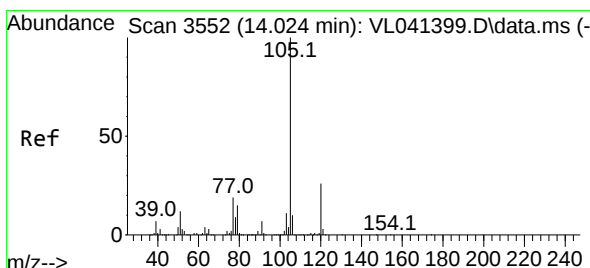
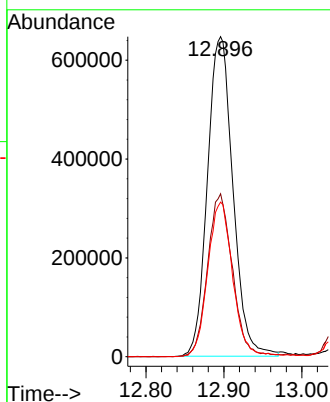
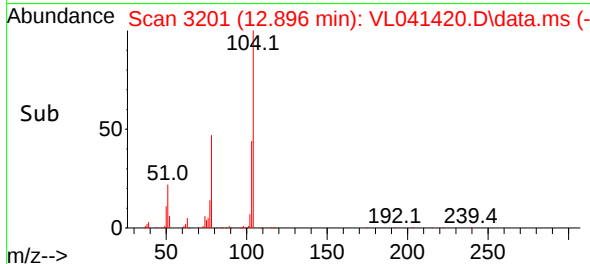
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



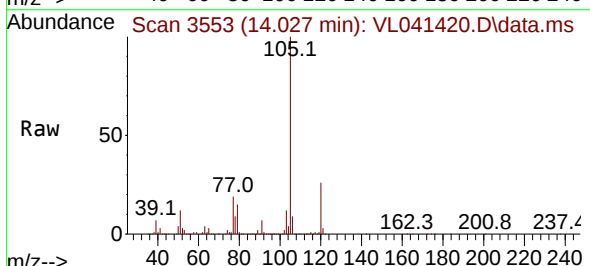
Tgt Ion:104 Resp: 147092
Ion Ratio Lower Upper
104 100
78 49.6 40.8 61.2
103 47.7 38.2 57.4

Manual Integrations
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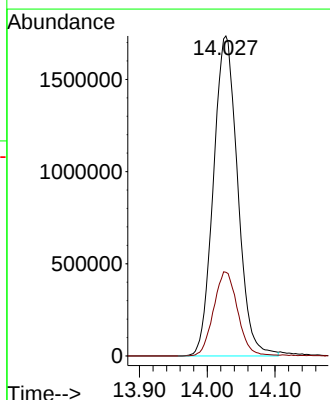
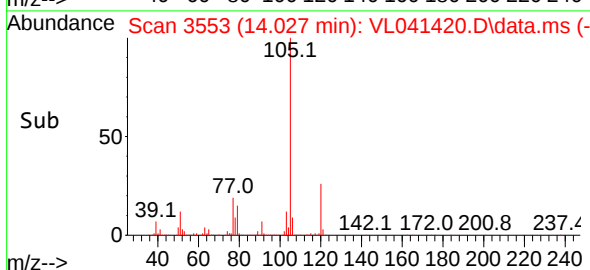
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

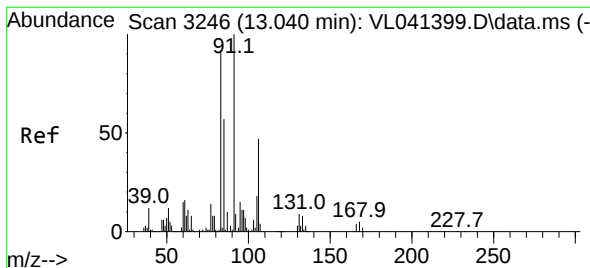


#62
Isopropylbenzene
Concen: 9.340 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



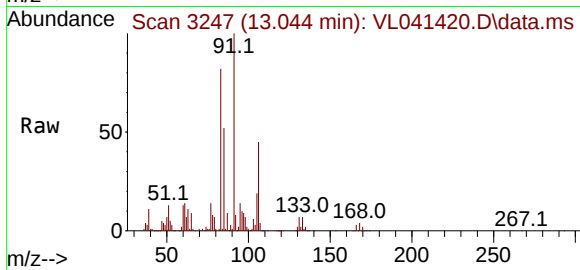
Tgt Ion:105 Resp: 4310246
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.368 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

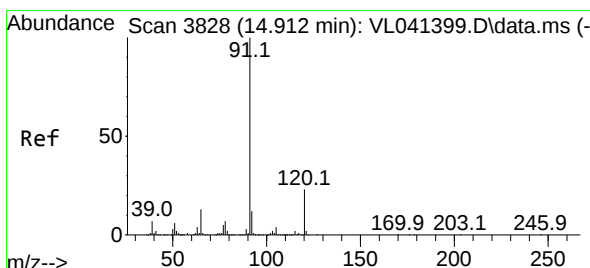
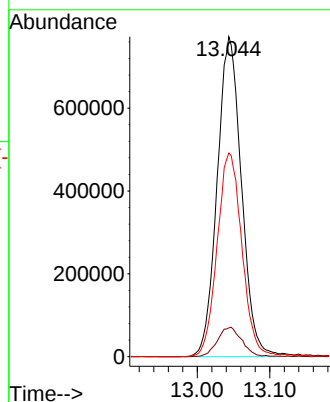
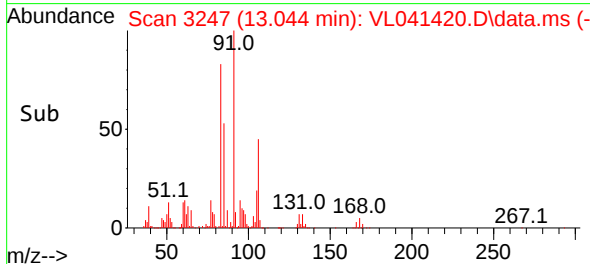
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 179582
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.6 32.6 98.0

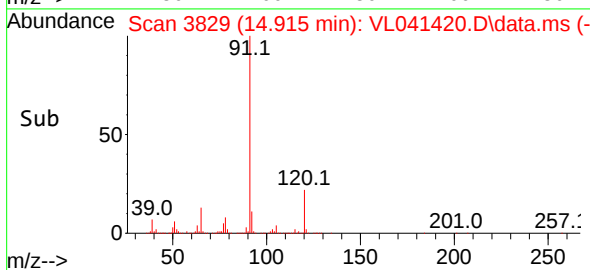
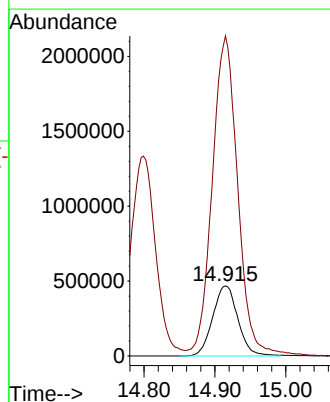
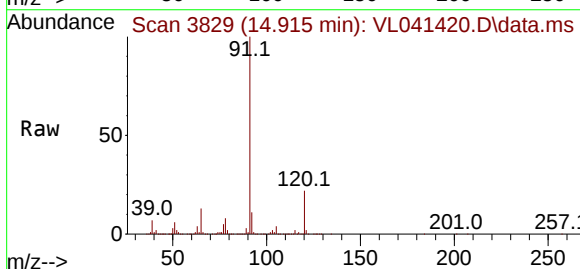
Manual Integrations
APPROVED

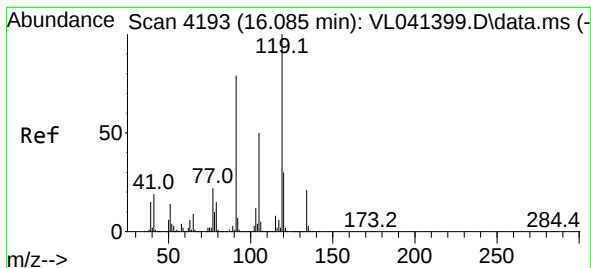
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#64
n-propylbenzene
Concen: 9.571 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion:120 Resp: 1154714
Ion Ratio Lower Upper
120 100
91 463.7 361.4 542.0





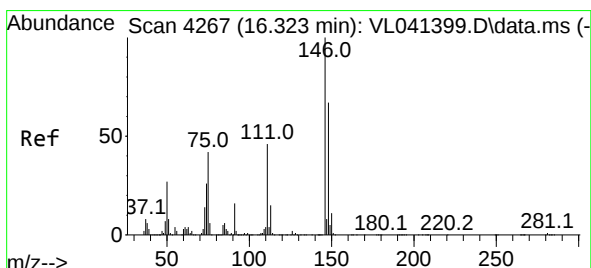
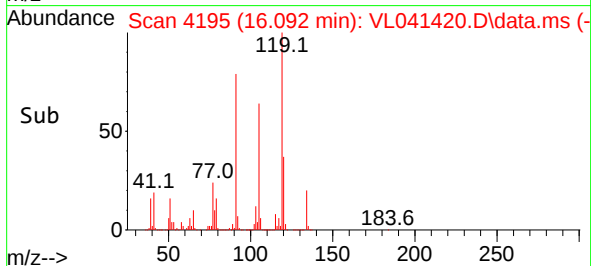
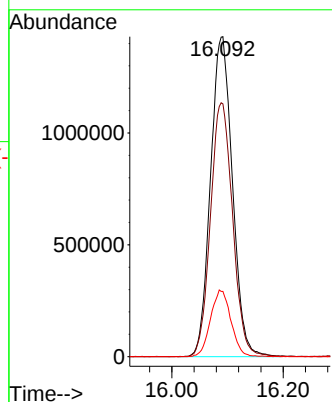
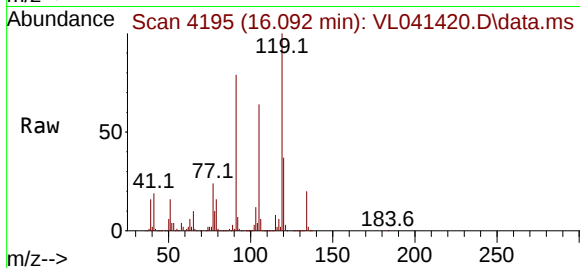
#65
tert-Butylbenzene
Concen: 9.376 ppbv
RT: 16.092 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 3908200
Ion Ratio Lower Upper
119 100
91 80.2 64.2 96.2
134 19.4 15.7 23.5

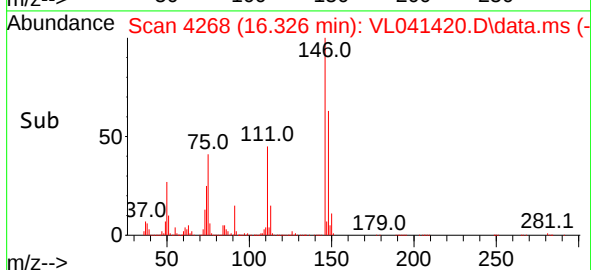
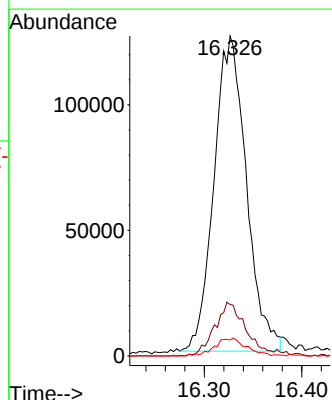
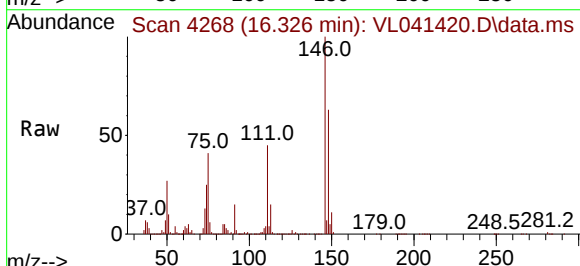
Manual Integrations
APPROVED

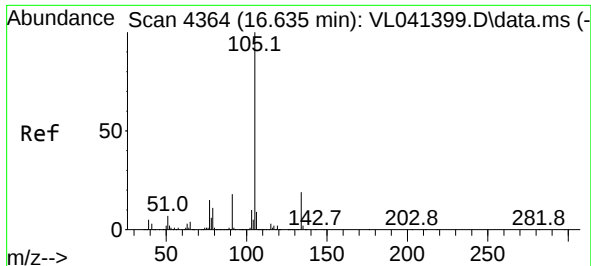
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#66
Benzyl Chloride
Concen: 10.861 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

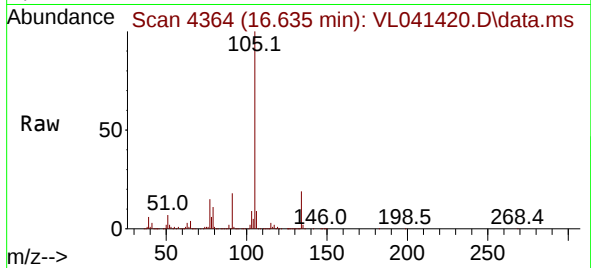
Tgt Ion: 91 Resp: 290393
Ion Ratio Lower Upper
91 100
126 16.9 13.8 20.8
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.504 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

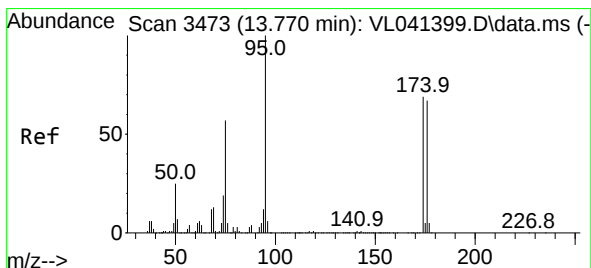
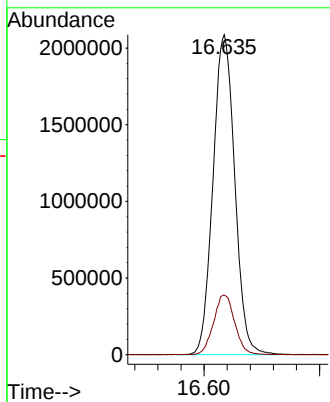
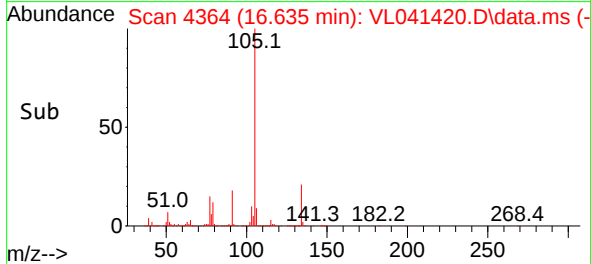
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



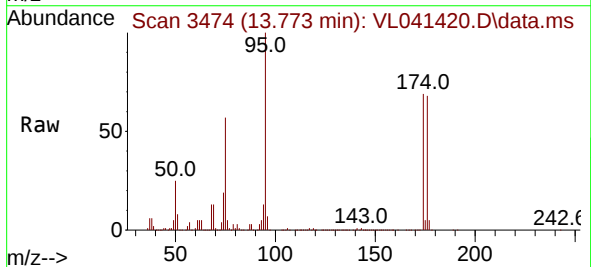
Tgt Ion:105 Resp: 5458240
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.5 21.7

Manual Integrations
 APPROVED

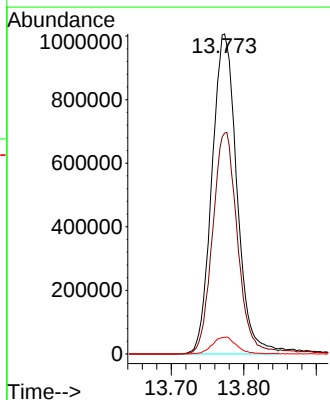
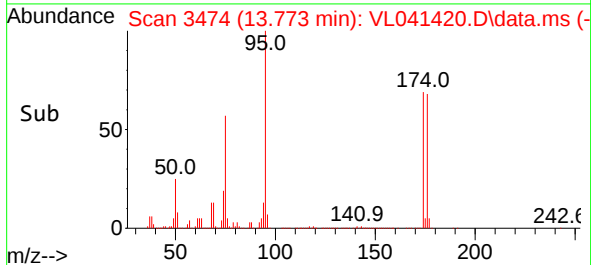
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

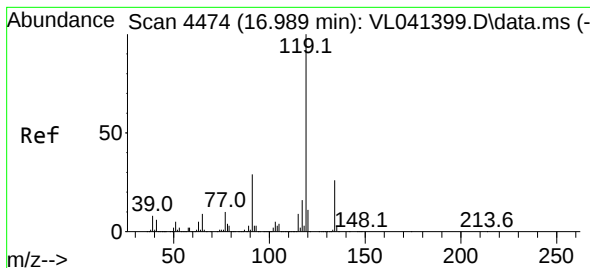


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.692 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19



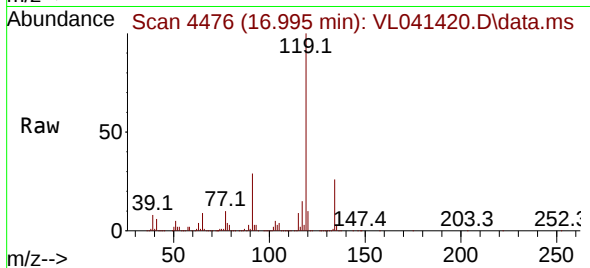
Tgt Ion: 95 Resp: 2405503
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.646 ppbv
RT: 16.995 min Scan# 4476
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

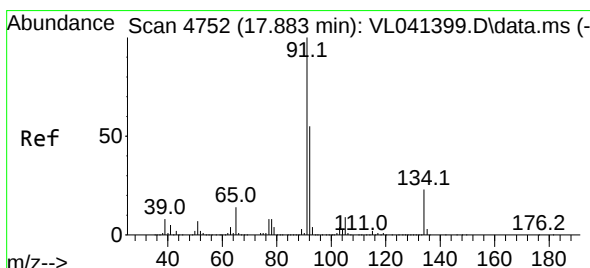
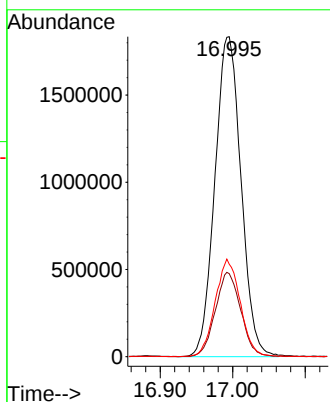
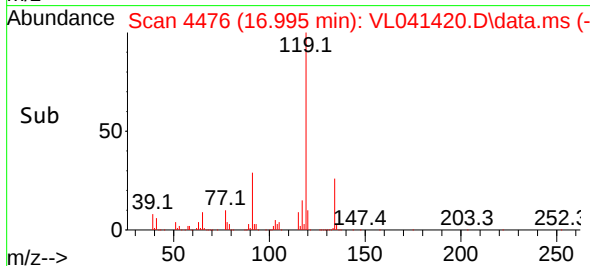
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



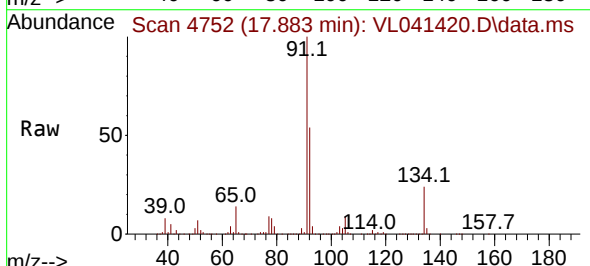
Tgt Ion:119 Resp: 4597224
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 29.3 23.2 34.8

Manual Integrations
APPROVED

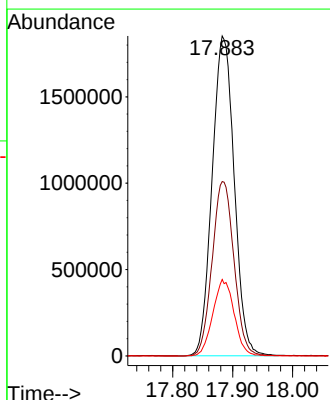
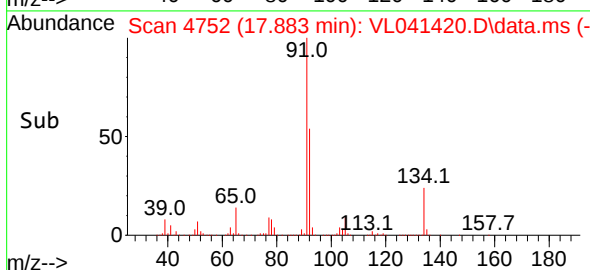
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

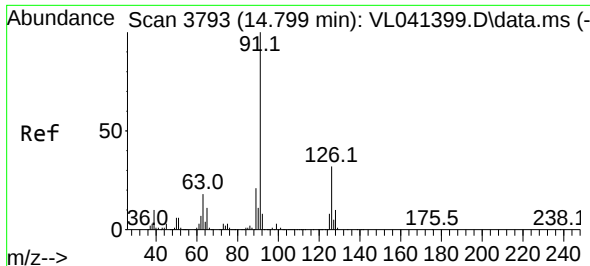


#70
n-Butylbenzene
Concen: 9.676 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



Tgt Ion: 91 Resp: 4727403
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.1 18.5 27.7





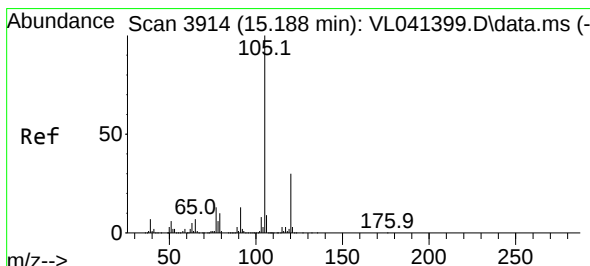
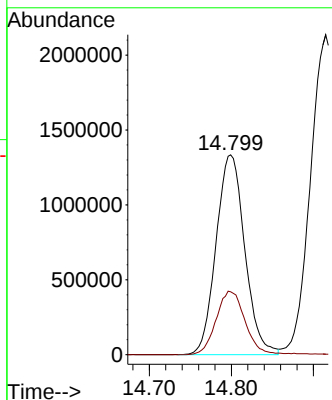
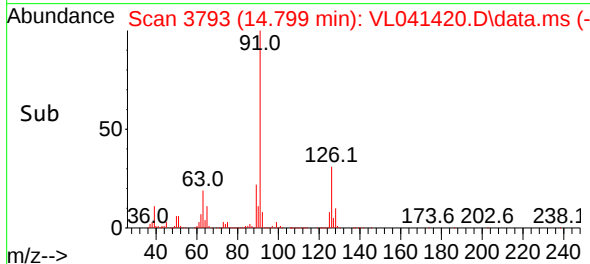
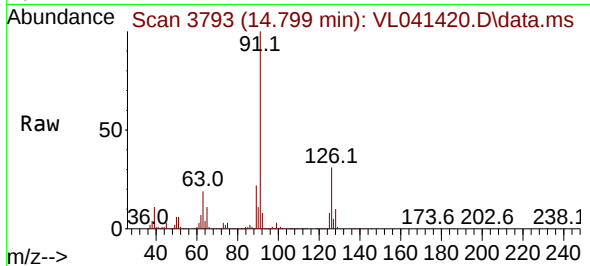
#71
2-Chlorotoluene
Concen: 9.535 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 324517
Ion Ratio Lower Upper
91 100
126 32.7 12.7 50.9

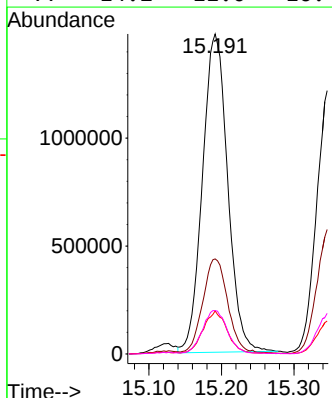
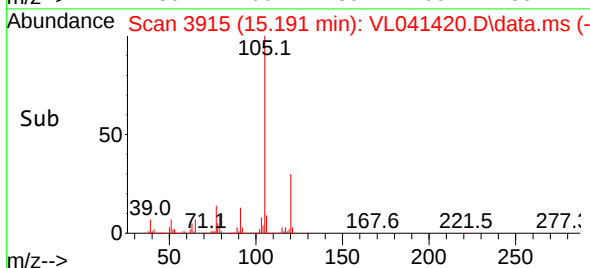
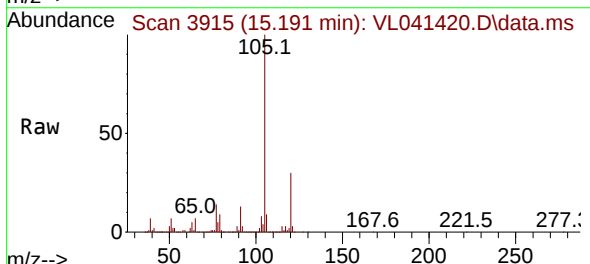
Manual Integrations
APPROVED

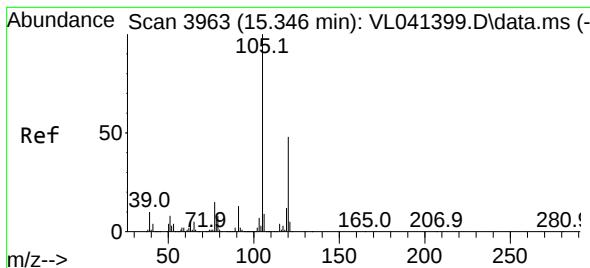
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#72
4-Ethyltoluene
Concen: 9.969 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

Tgt Ion:105 Resp: 3563032
Ion Ratio Lower Upper
105 100
120 31.0 24.2 36.2
91 13.7 10.4 15.6
77 14.2 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.895 ppbv

RT: 15.349 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041420.D

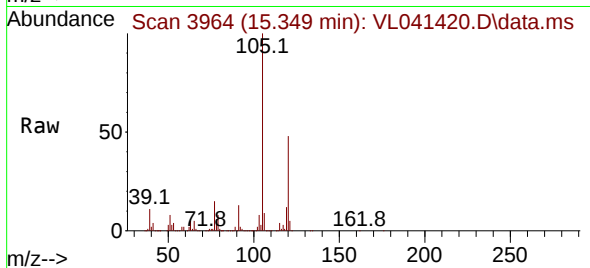
Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 3046640

Ion Ratio Lower Upper

105 100

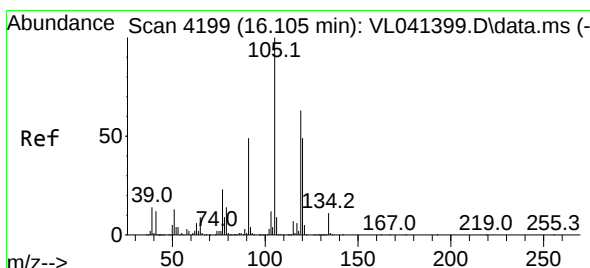
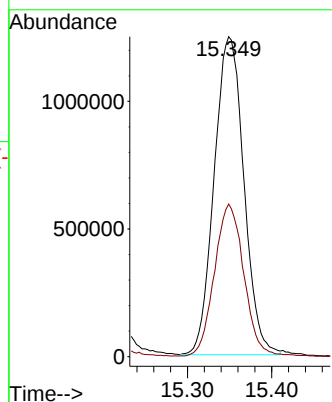
120 47.8 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.561 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

Tgt Ion:105 Resp: 3422472

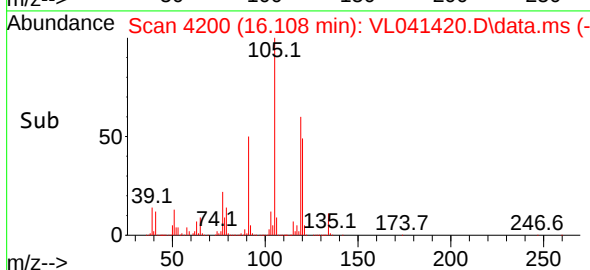
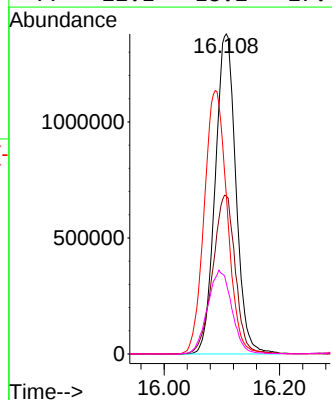
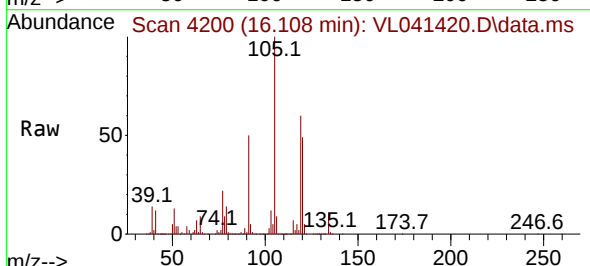
Ion Ratio Lower Upper

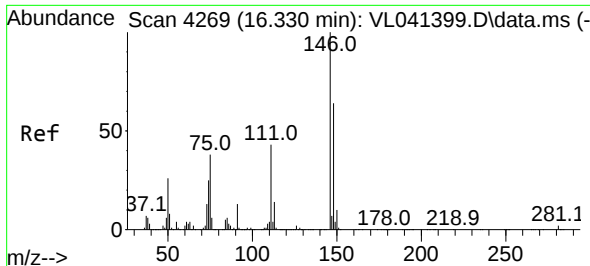
105 100

120 49.4 39.5 59.3

91 49.8 39.8 59.8

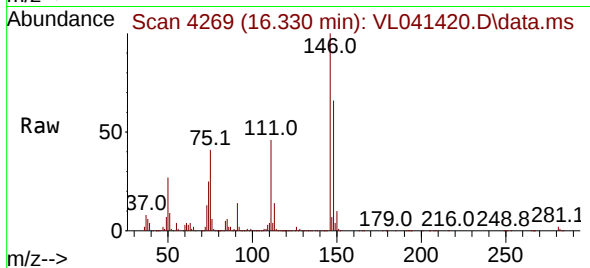
77 22.1 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.377 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

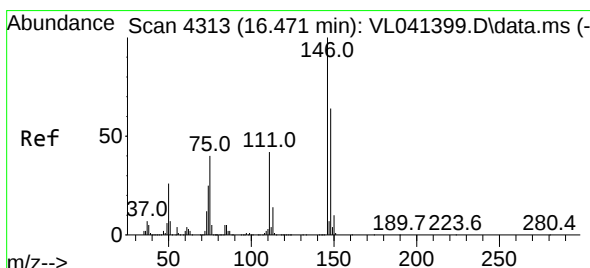
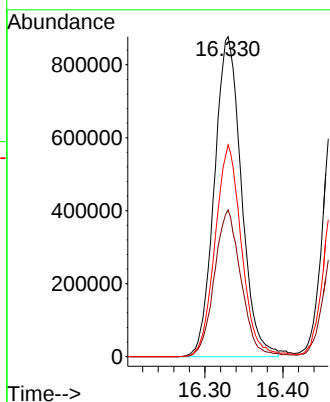
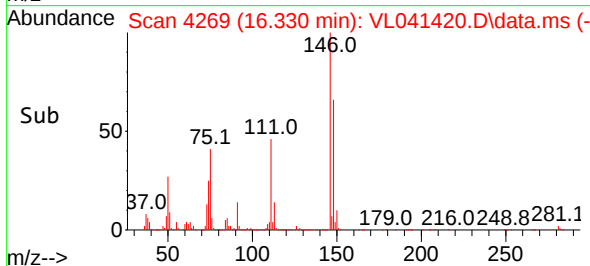
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



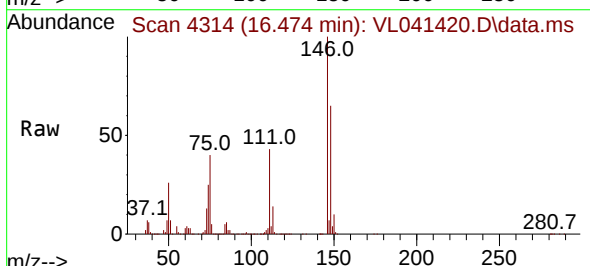
Tgt Ion:146 Resp: 211003
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.8
148 65.1 32.3 96.8

Manual Integrations
APPROVED

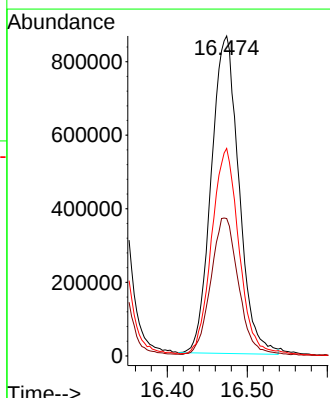
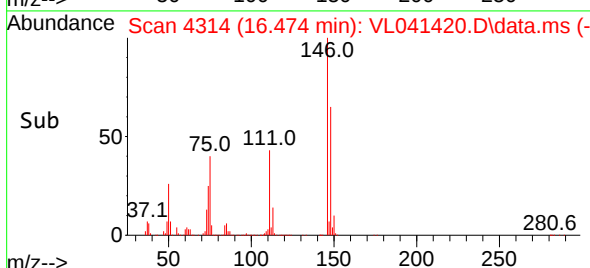
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

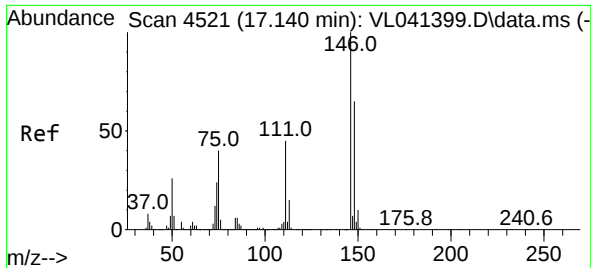


#76
1,4-Dichlorobenzene
Concen: 9.515 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



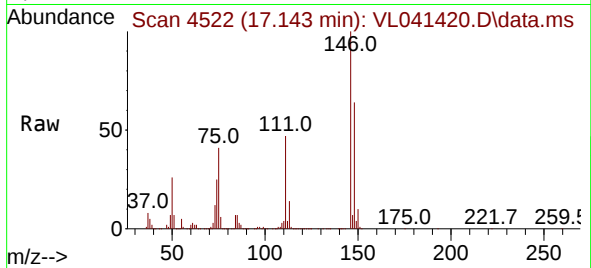
Tgt Ion:146 Resp: 2073042
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 65.9 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.317 ppbv
RT: 17.143 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19

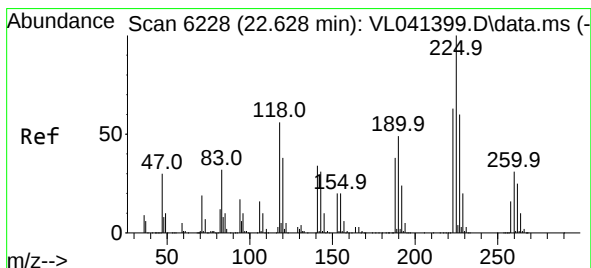
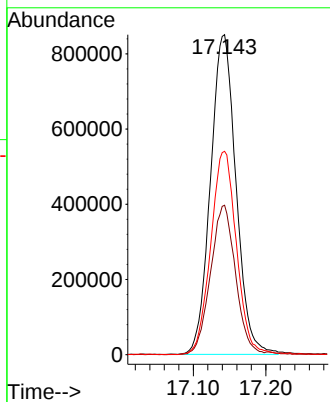
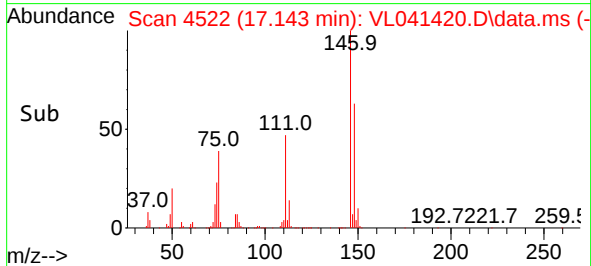
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



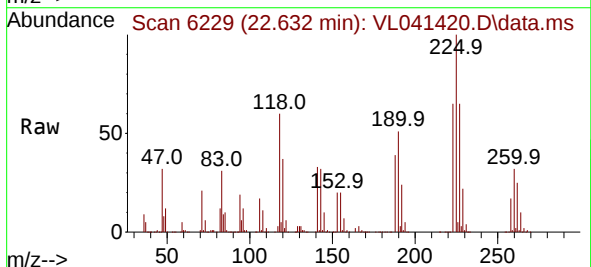
Tgt Ion:146 Resp: 2078394
Ion Ratio Lower Upper
146 100
111 46.3 23.4 70.0
148 64.3 32.2 96.6

Manual Integrations
APPROVED

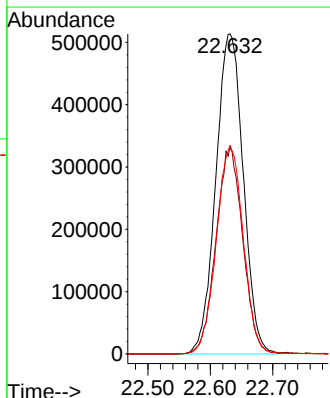
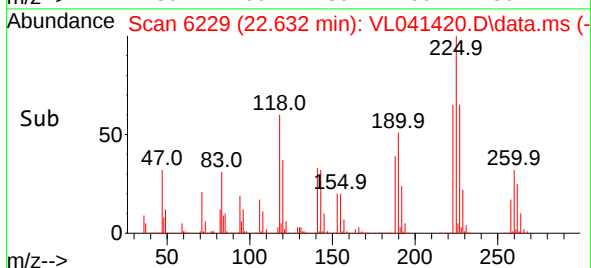
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

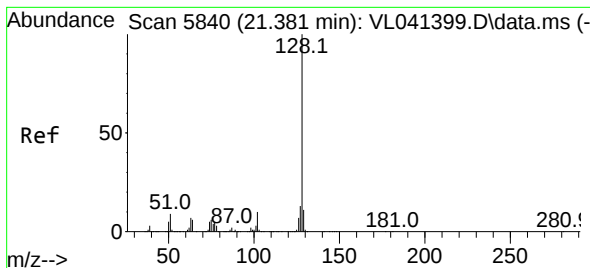


#78
Hexachloro-1,3-Butadiene
Concen: 8.266 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041420.D
Acq: 29 Jul 2024 8:19



Tgt Ion:225 Resp: 1572392
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.0 50.8 76.2





#79

Naphthalene

Concen: 11.197 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041420.D

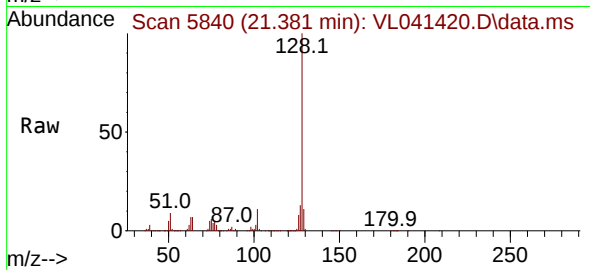
Acq: 29 Jul 2024 8:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 353779

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

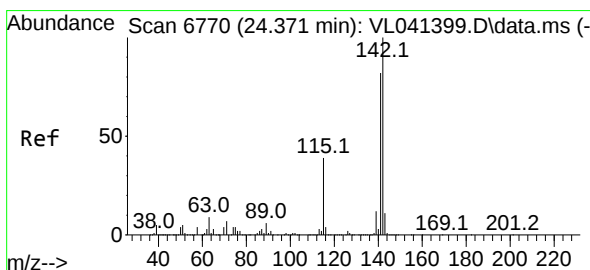
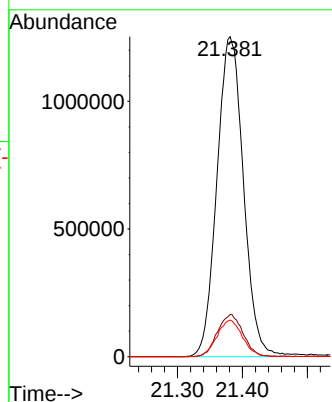
129 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#80

Naphthalene,2-methyl-

Concen: 12.255 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.000 min

Lab File: VL041420.D

Acq: 29 Jul 2024 8:19

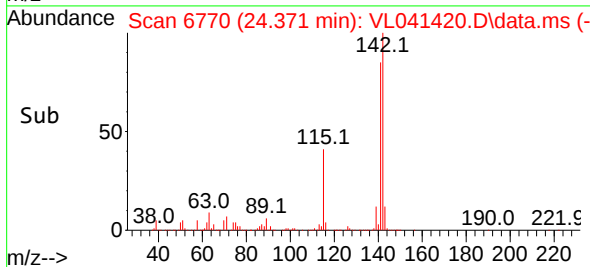
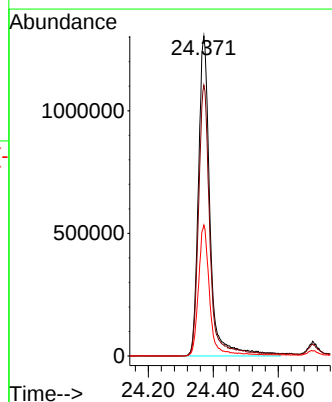
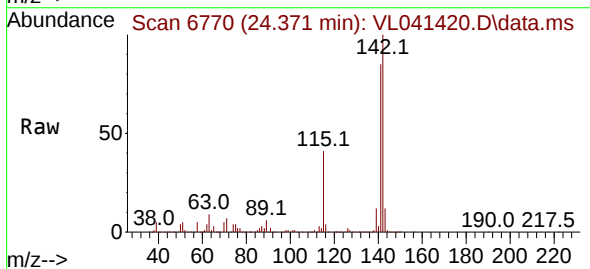
Tgt Ion:142 Resp: 3245777

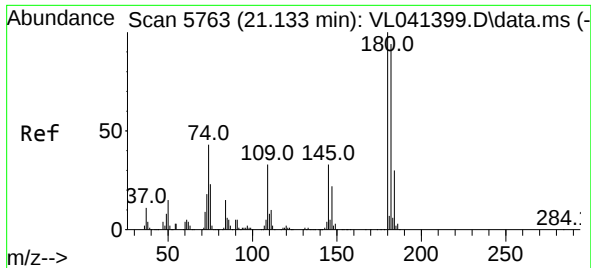
Ion Ratio Lower Upper

142 100

141 84.4 67.0 100.4

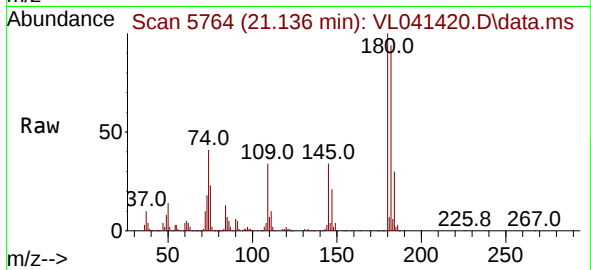
115 39.9 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.864 ppbv
 RT: 21.136 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041420.D
 Acq: 29 Jul 2024 8:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1854578
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 184 30.6 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

