

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041673.D
 Acq On : 7 Nov 2024 9:36
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Nov 08 00:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

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

Internal Standards						
1) Bromochloromethane	5.182	49	1106203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3129770	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2839070	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.774	95	2171666	10.343	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	125812	0.629	ppbv	93
3) Chlorodifluoromethane	2.665	51	79327	0.550	ppbv	98
4) Chloromethane	2.803	50	39589	0.519	ppbv	89
5) Vinyl Chloride	2.909	62	35876	0.519	ppbv	96
6) Bromomethane	3.108	94	19595	0.538	ppbv	90
7) Chloroethane	3.186	64	12979	0.518	ppbv	90
8) Dichlorotetrafluoroethane	2.845	85	102282	0.573	ppbv	98
9) Propene	2.681	41	29126	0.464	ppbv	100
10) Heptane	7.568	43	53812m	0.382	ppbv	
11) Trichlorofluoromethane	3.549	101	94015	0.540	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.057	101	66623	0.526	ppbv	94
13) Ethanol	3.243	45	2190m	0.561	ppbv	
14) Bromoethene	3.353	108	24149	0.475	ppbv #	94
15) Acetone	3.472	43	69401	0.510	ppbv #	84
16) 1,3-Butadiene	2.977	39	32713	0.479	ppbv	99
17) tert-Butyl alcohol	3.886	59	57790m	0.484	ppbv	
18) 1,1-Dichloroethene	3.867	96	27360	0.493	ppbv	95
19) Isopropyl Alcohol	3.581	45	28691m	0.435	ppbv	
20) Methylene Chloride	3.925	84	29973	0.598	ppbv	97
21) Allyl Chloride	3.986	41	39968	0.475	ppbv	91
22) trans-1,2-Dichloroethene	4.436	96	27650	0.499	ppbv	89
23) Vinyl Acetate	4.620	43	26909m	0.420	ppbv	
24) 1,1-Dichloroethane	4.552	63	66112	0.537	ppbv	99
25) Ethyl Acetate	5.202	43	128056	0.454	ppbv	99
26) Hexane	5.205	57	45903m	0.424	ppbv	
27) Carbon Disulfide	4.115	76	51344	0.422	ppbv #	85
28) Methyl tert-Butyl Ether	4.587	73	31135	0.447	ppbv	95
29) Chloroform	5.266	83	94165	0.527	ppbv	92
30) Cyclohexane	6.597	84	45582m	0.524	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	43581	0.418	ppbv	89
32) 1,1,1-Trichloroethane	5.992	97	86390	0.527	ppbv	98
34) 2-Butanone	4.793	43	72284	0.464	ppbv	100
35) Carbon Tetrachloride	6.481	117	84978	0.514	ppbv	92
36) Benzene	6.362	78	93476	0.403	ppbv	98
37) 1,2-Dichloroethane	5.796	62	61144	0.467	ppbv	99
38) Trichloroethene	7.285	130	39868m	0.446	ppbv	
39) 1,2-Dichloropropane	7.063	63	40977	0.447	ppbv	88
40) 1,4-Dioxane	7.330	88	10193m	0.314	ppbv	
41) Tetrahydrofuran	5.574	42	32441m	0.365	ppbv	
42) Bromodichloromethane	7.240	83	85816m	0.472	ppbv	
43) Methyl Methacrylate	7.475	69	25536m	0.314	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	158270m	0.403	ppbv	
45) t-1,3-Dichloropropene	8.706	75	23425m	0.322	ppbv	

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Instrument :
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 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 00:08:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 00:07:44 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	37244m	0.352	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	47322	0.479	ppbv	95
48) Dibromochloromethane	9.703	129	63686	0.422	ppbv	99
49) Bromoform	12.397	173	52765	0.410	ppbv	97
50) 4-Methyl-2-Pentanone	8.195	43	86918	0.363	ppbv	99
51) 2-Hexanone	9.574	43	59145m	0.340	ppbv	
52) Tetrachloroethene	10.610	164	35915	0.453	ppbv	92
53) Toluene	9.214	91	78290m	0.321	ppbv	
54) 1,2-Dibromoethane	10.002	107	55464m	0.481	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	62892	0.532	ppbv #	1
57) Chlorobenzene	11.520	112	105740	0.500	ppbv	94
58) Ethyl Benzene	12.085	91	107368	0.341	ppbv	97
59) m/p-Xylene	12.368	91	215445m	0.766	ppbv	
60) o-Xylene	13.050	91	99239m	0.369	ppbv	
61) Styrene	12.893	104	32039m	0.289	ppbv	
62) Isopropylbenzene	14.024	105	177013	0.427	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	102900	0.526	ppbv	99
64) n-propylbenzene	14.912	120	42096	0.388	ppbv	77
65) tert-Butylbenzene	16.085	119	153820m	0.413	ppbv	
66) Benzyl Chloride	16.330	91	12743m	0.475	ppbv	
67) sec-Butylbenzene	16.632	105	219138m	0.417	ppbv	
69) p-Isopropyltoluene	16.998	119	162889m	0.383	ppbv	
70) n-Butylbenzene	17.892	91	174104m	0.400	ppbv	
71) 2-Chlorotoluene	14.796	91	116286	0.388	ppbv	98
72) 4-Ethyltoluene	15.195	105	112958m	0.362	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	103385m	0.378	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	138056m	0.434	ppbv	
75) 1,3-Dichlorobenzene	16.330	146	89636m	0.456	ppbv	
76) 1,4-Dichlorobenzene	16.471	146	89481m	0.463	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	95149m	0.488	ppbv	
78) Hexachloro-1,3-Butadiene	22.632	225	84025m	0.544	ppbv	
79) Naphthalene	21.400	128	70899m	0.362	ppbv	
80) Naphthalene,2-methyl-	24.390	142	14004m	0.386	ppbv	
81) 1,2,4-Trichlorobenzene	21.153	180	47739m	0.392	ppbv	

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

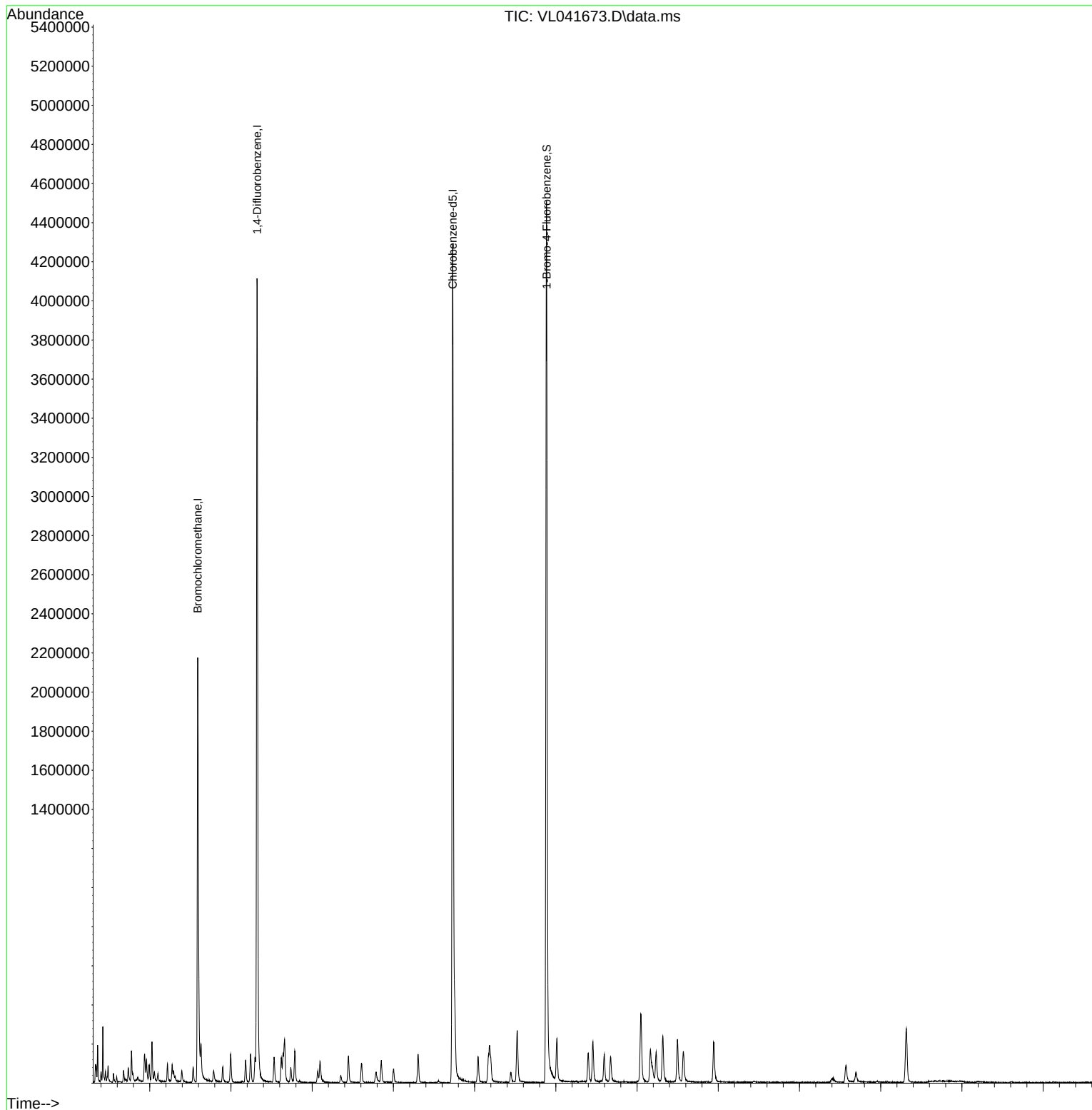
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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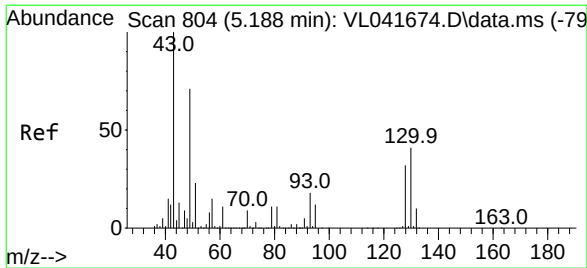
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Nov 08 00:08:19 2024
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Nov 08 00:07:44 2024
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APPROVED

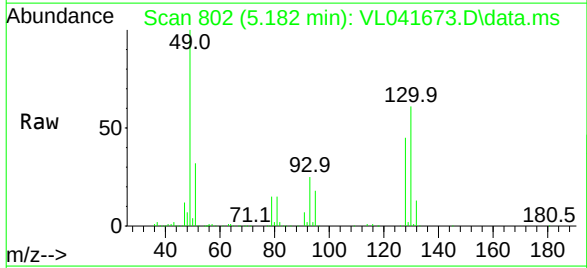
Reviewed By : Mahesh Dadoda 11/09/2024
Supervised By : Semsettin Yesilyurt 11/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

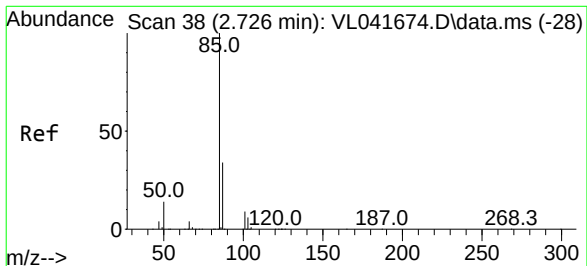
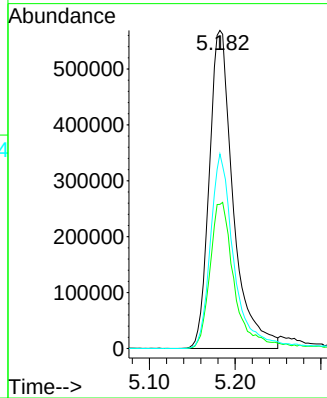
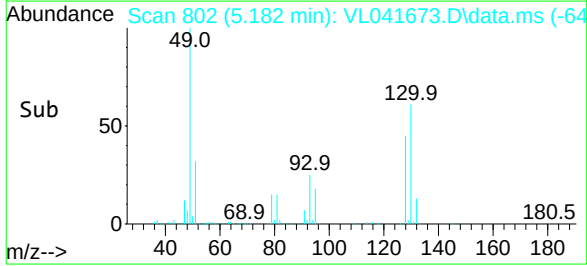
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1106203
Ion Ratio Lower Upper
49 100
128 48.1 23.8 71.2
130 61.9 30.1 90.5

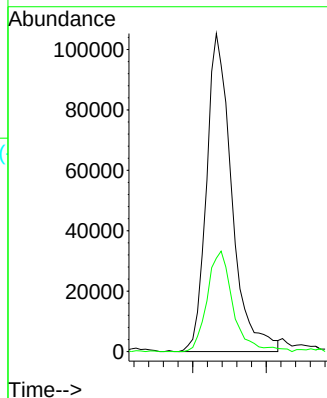
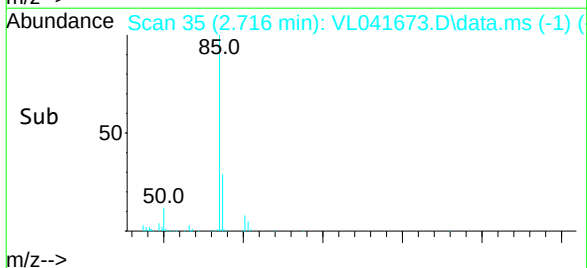
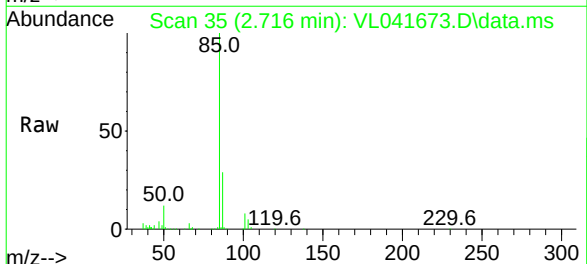
Manual Integrations
APPROVED

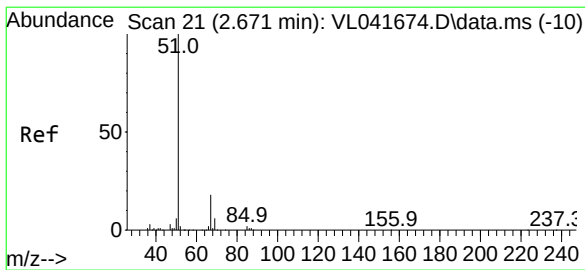
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 0.629 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

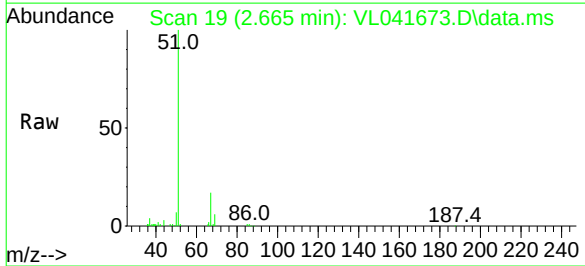
Tgt Ion: 85 Resp: 125812
Ion Ratio Lower Upper
85 100
87 29.4 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

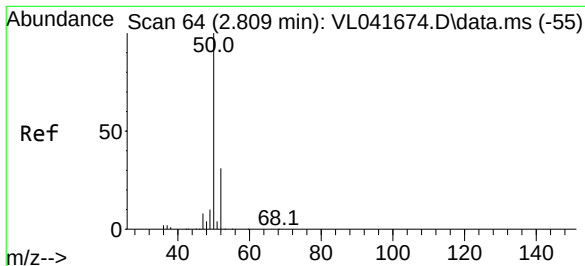
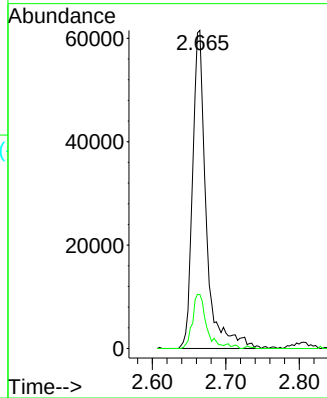
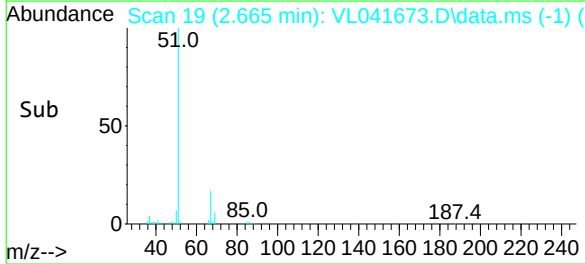
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 79327
Ion Ratio Lower Upper
51 100
67 18.3 13.9 20.9

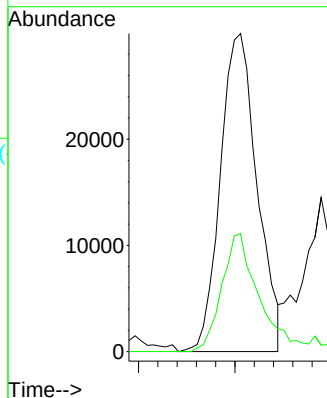
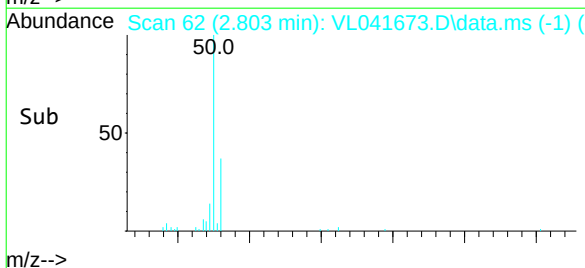
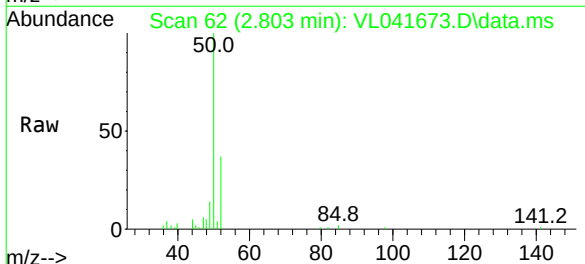
Manual Integrations
APPROVED

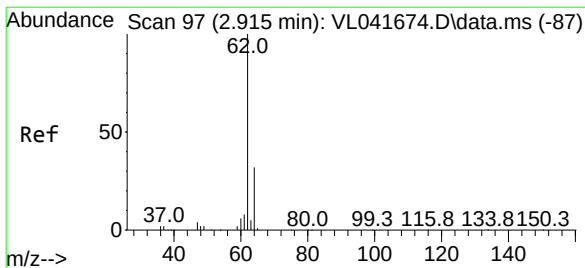
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 0.519 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 50 Resp: 39589
Ion Ratio Lower Upper
50 100
52 37.1 24.9 37.3





#5

Vinyl Chloride

Concen: 0.519 ppbv

RT: 2.909 min Scan# 95

Delta R.T. -0.006 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 35876

Ion Ratio Lower Upper

62 100

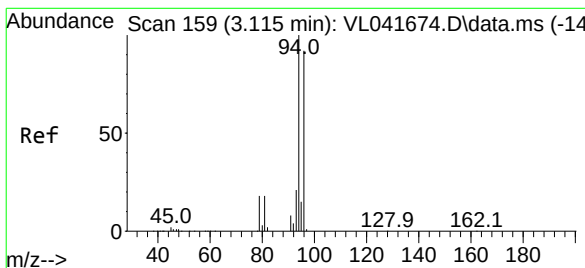
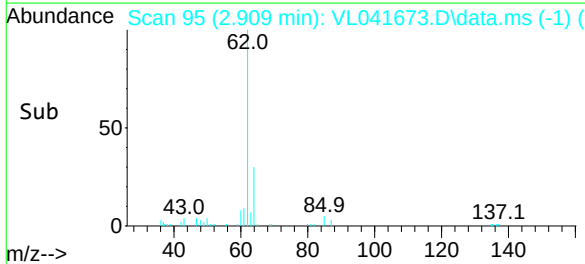
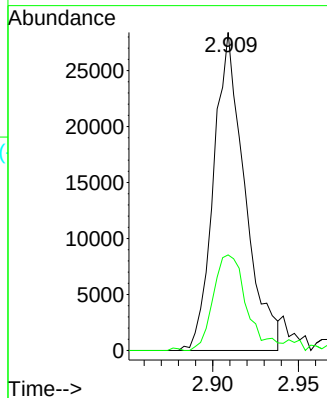
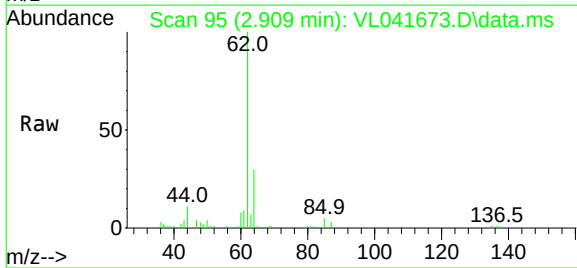
64 29.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#6

Bromomethane

Concen: 0.538 ppbv

RT: 3.108 min Scan# 157

Delta R.T. -0.006 min

Lab File: VL041673.D

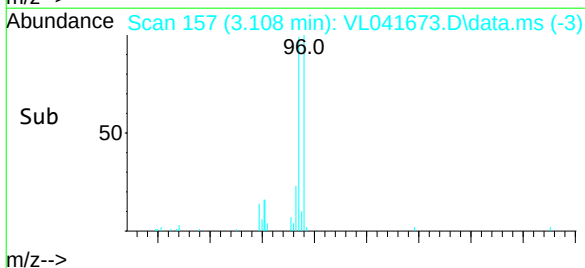
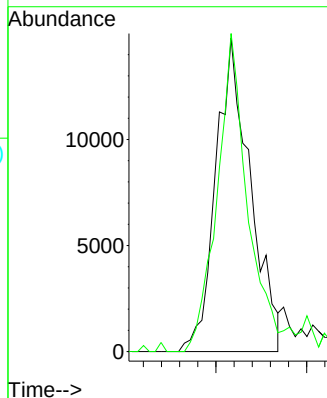
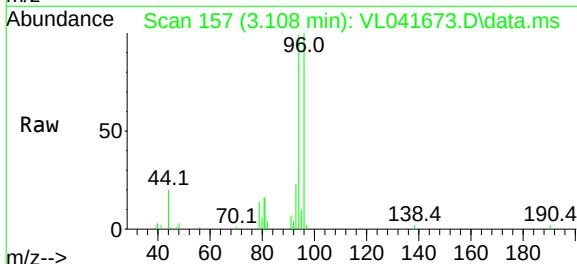
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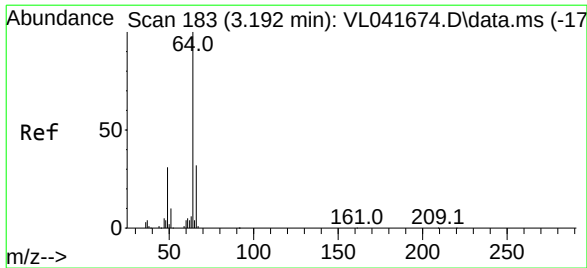
Tgt Ion: 94 Resp: 19595

Ion Ratio Lower Upper

94 100

96 101.5 73.4 110.2





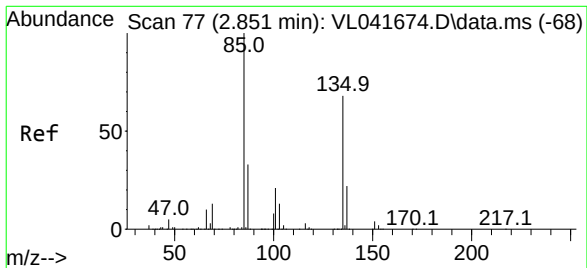
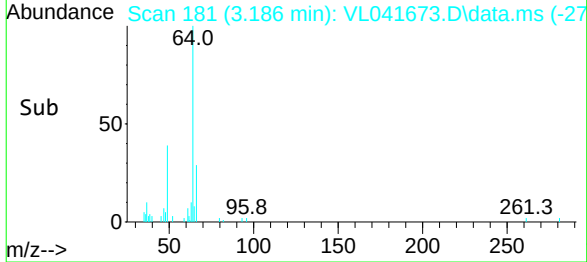
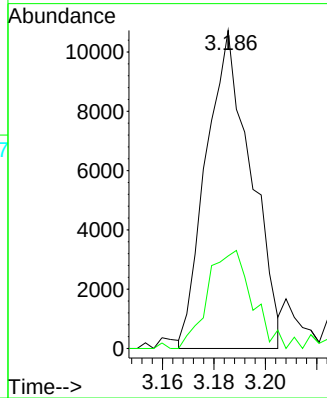
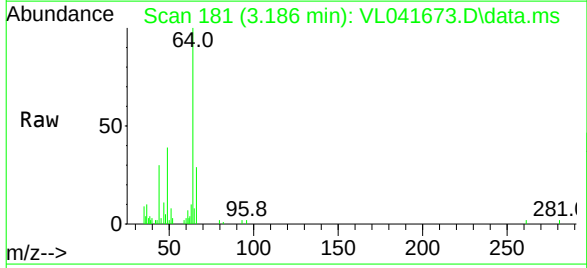
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Chloroethane
Concen: 0.518 ppbv
RT: 3.186 min Scan# 183
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 12979
Ion Ratio Lower Upper
64 100
66 27.0 25.9 38.9

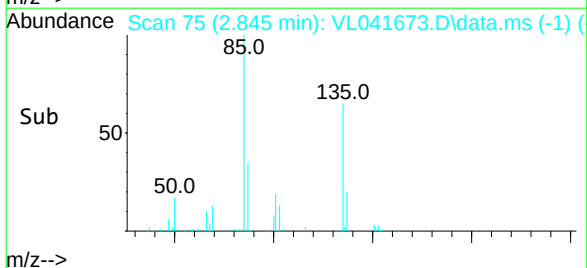
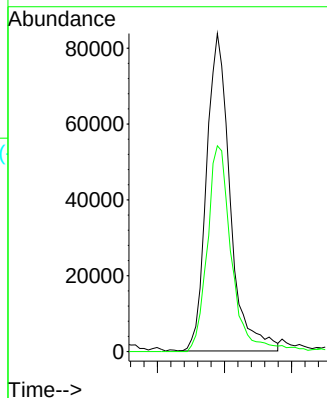
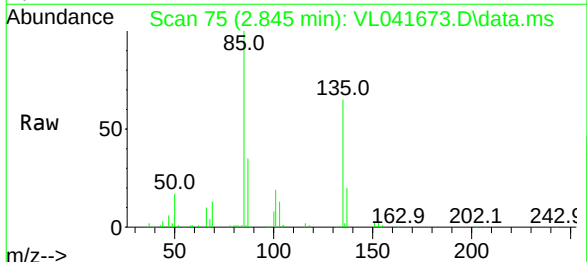
Manual Integrations
APPROVED

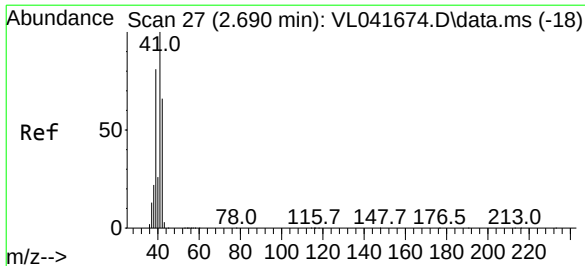
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.573 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 85 Resp: 102282
Ion Ratio Lower Upper
85 100
135 67.6 55.5 83.3





#9

Propene

Concen: 0.464 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.009 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 29126

Ion Ratio Lower Upper

41 100

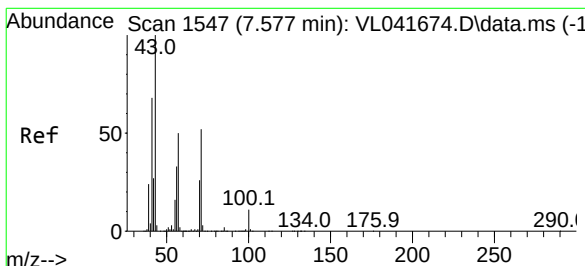
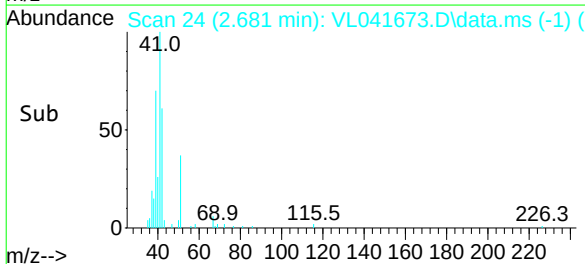
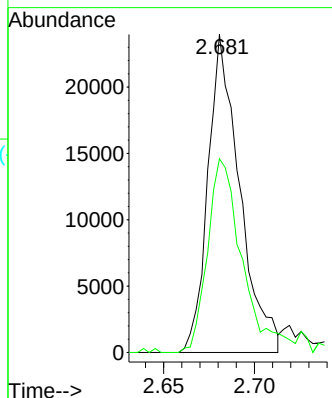
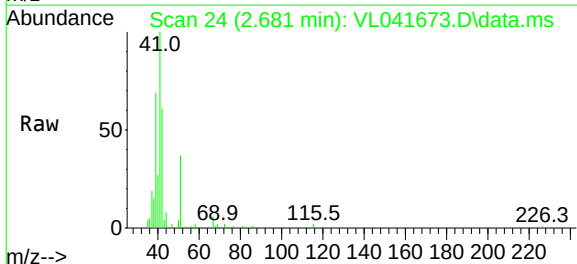
42 68.6 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#10

Heptane

Concen: 0.382 ppbv m

RT: 7.568 min Scan# 1544

Delta R.T. -0.009 min

Lab File: VL041673.D

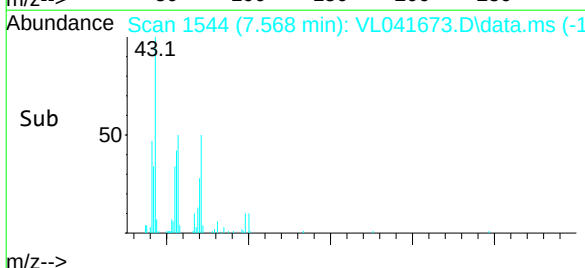
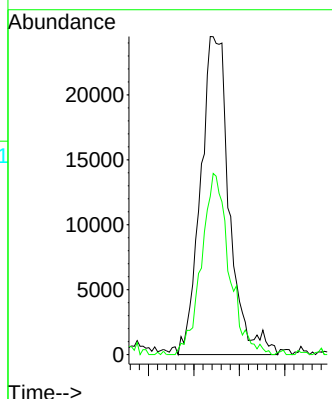
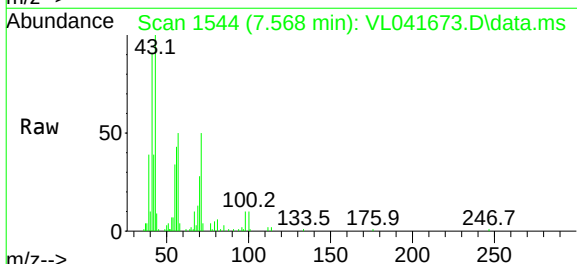
Acq: 7 Nov 2024 9:36

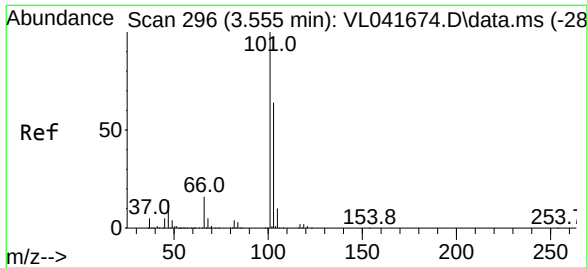
Tgt Ion: 43 Resp: 53812

Ion Ratio Lower Upper

43 100

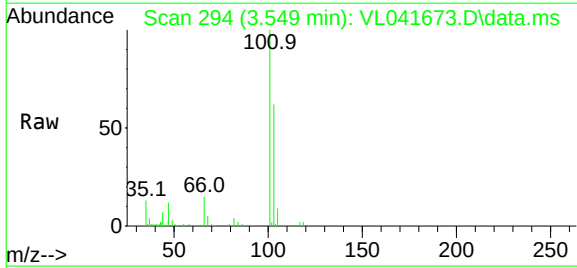
57 54.9 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 0.540 ppbv
 RT: 3.549 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

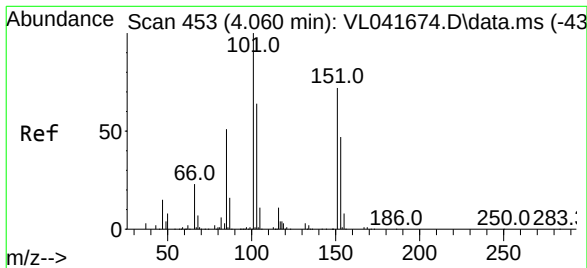
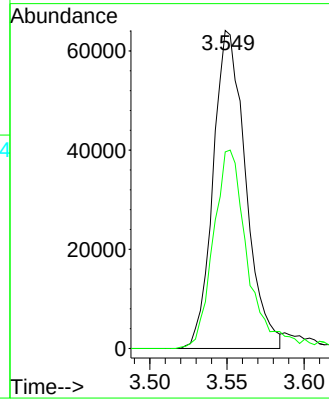
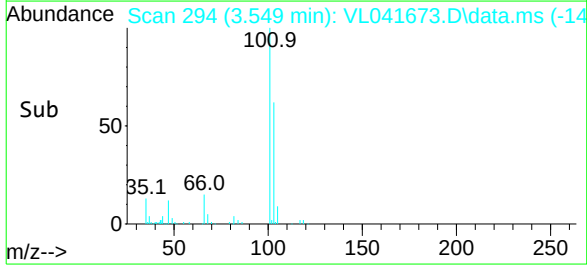
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:101 Resp: 94015
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.0 76.6

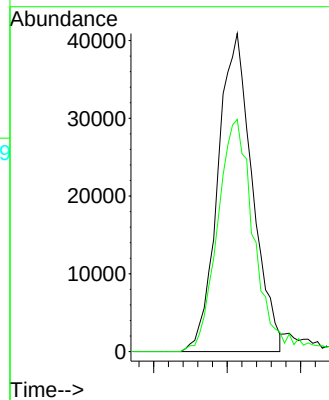
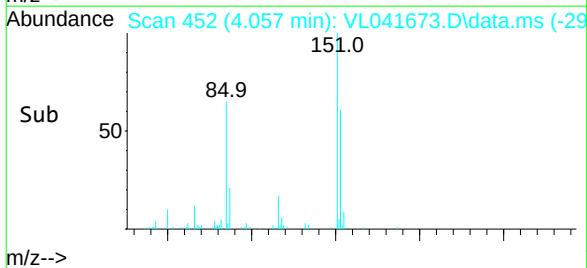
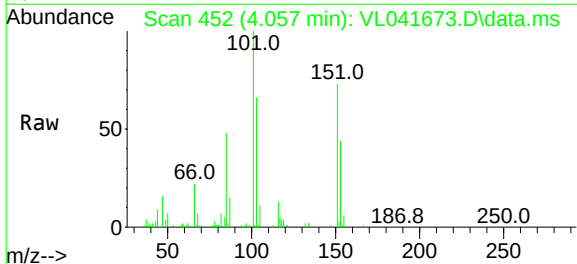
Manual Integrations
 APPROVED

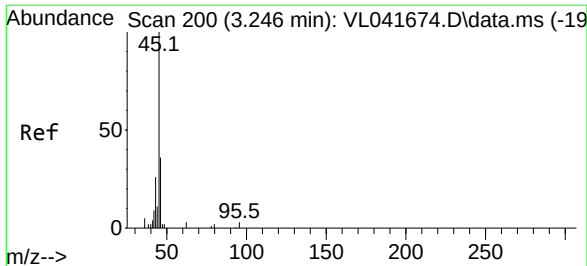
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.526 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.003 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

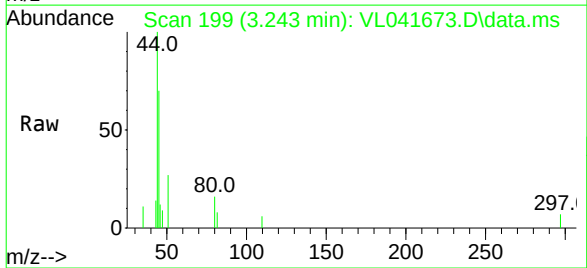
Tgt Ion:101 Resp: 66623
 Ion Ratio Lower Upper
 101 100
 151 78.6 59.1 88.7





#13
Ethanol
Concen: 0.561 ppbv m
RT: 3.243 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

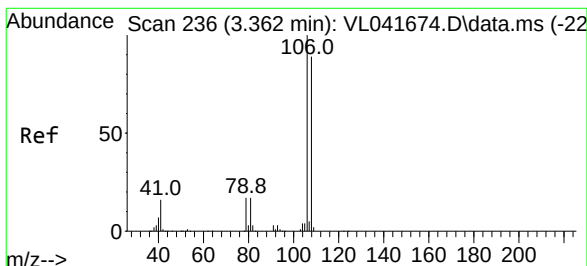
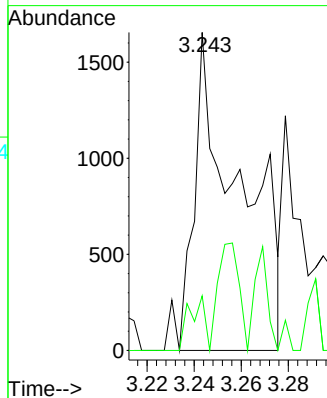
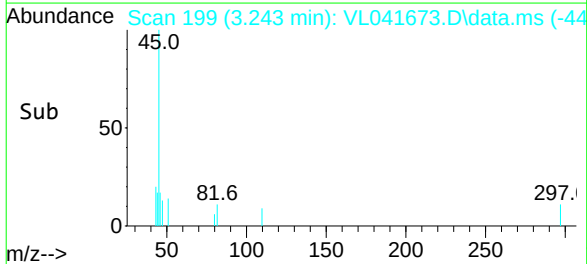
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 2190
Ion Ratio Lower Upper
45 100
46 32.4 13.8 55.2

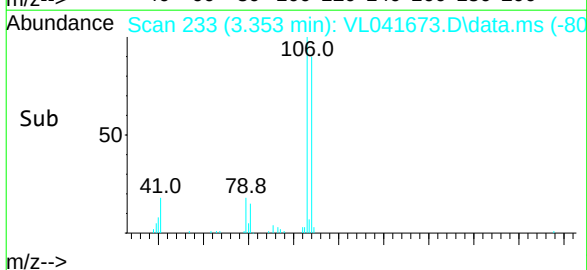
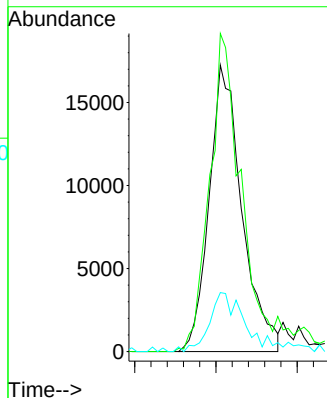
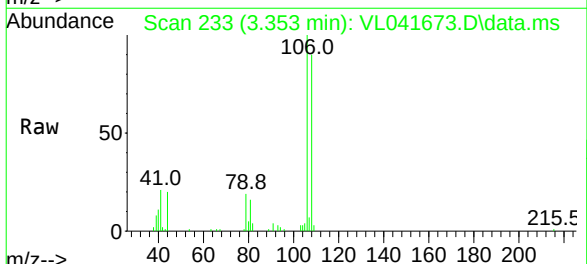
Manual Integrations
APPROVED

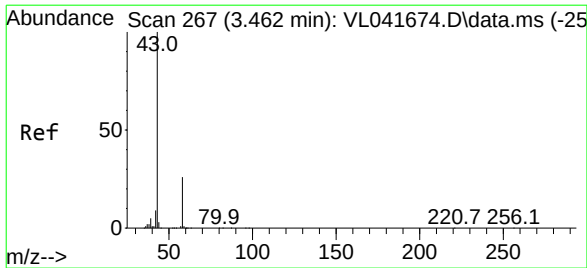
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#14
Bromoethene
Concen: 0.475 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

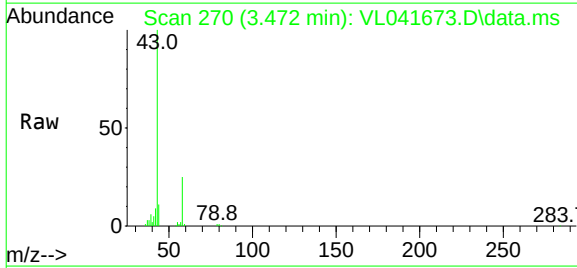
Tgt Ion:108 Resp: 24149
Ion Ratio Lower Upper
108 100
106 116.0 88.6 133.0
79 24.6 15.6 23.4#





#15
Acetone
Concen: 0.510 ppbv
RT: 3.472 min Scan# 27
Delta R.T. 0.010 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

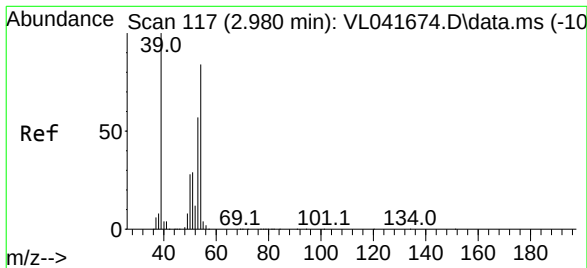
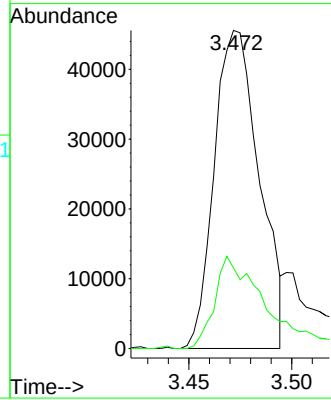
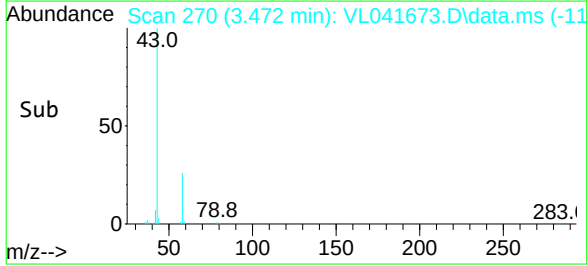
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 69401
Ion Ratio Lower Upper
43 100
58 35.1 21.4 32.0#

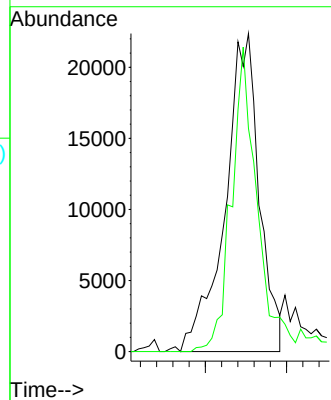
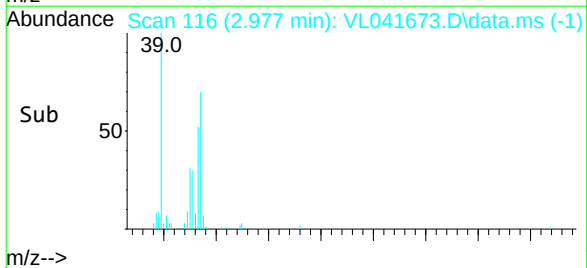
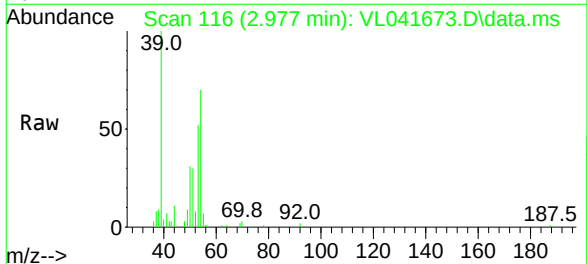
Manual Integrations
APPROVED

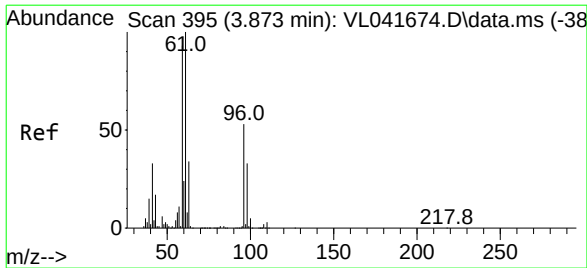
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 0.479 ppbv
RT: 2.977 min Scan# 116
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 39 Resp: 32713
Ion Ratio Lower Upper
39 100
54 77.5 61.3 91.9





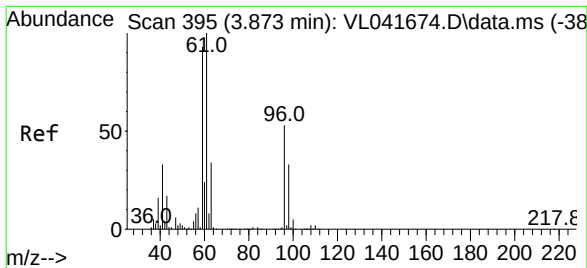
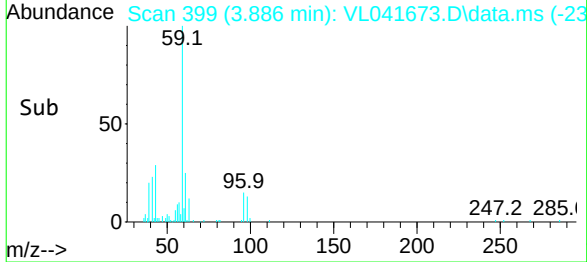
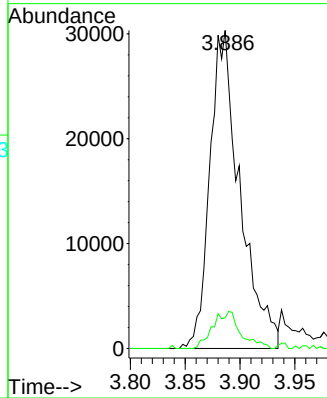
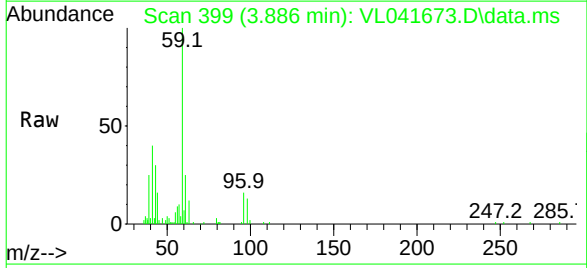
#17
tert-Butyl alcohol
Concen: 0.484 ppbv m
RT: 3.886 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 57796
Ion Ratio Lower Upper
59 100
57 11.4 8.5 12.7

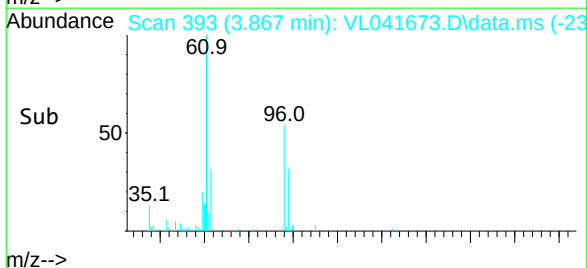
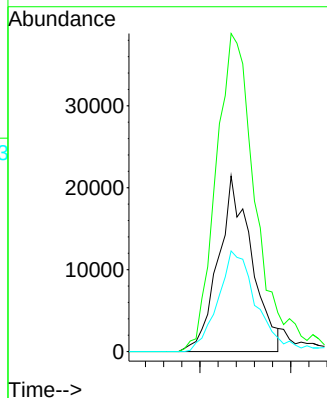
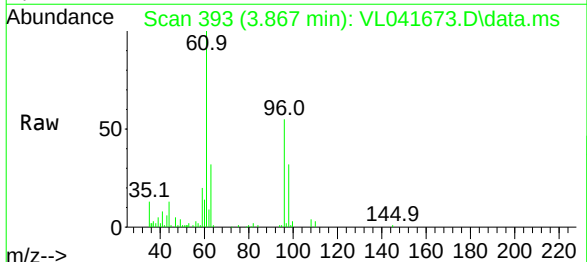
Manual Integrations
APPROVED

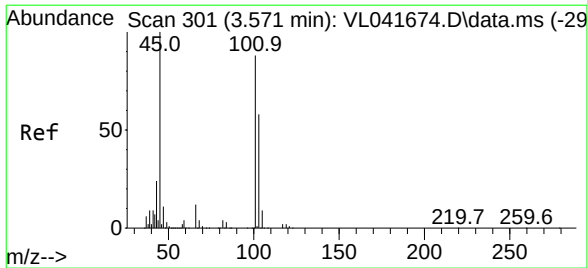
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#18
1,1-Dichloroethene
Concen: 0.493 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

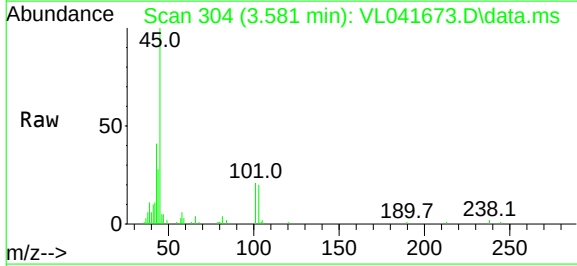
Tgt Ion: 96 Resp: 27360
Ion Ratio Lower Upper
96 100
61 181.1 150.7 226.1
98 57.3 49.4 74.2





#19
Isopropyl Alcohol
Concen: 0.435 ppbv m
RT: 3.581 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

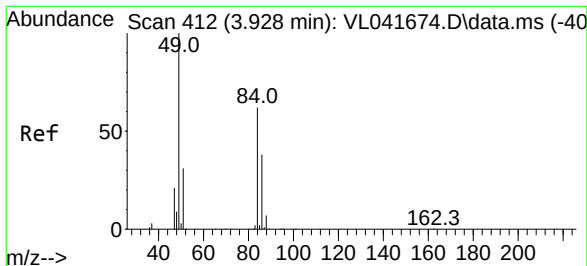
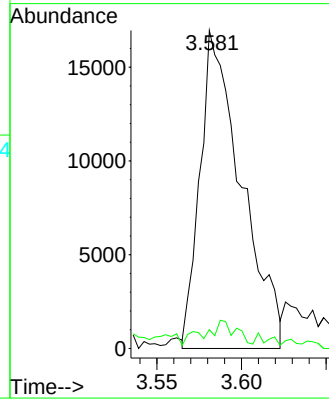
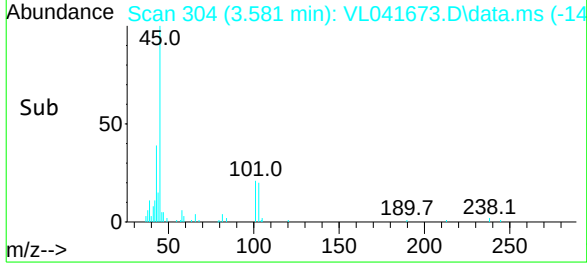
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



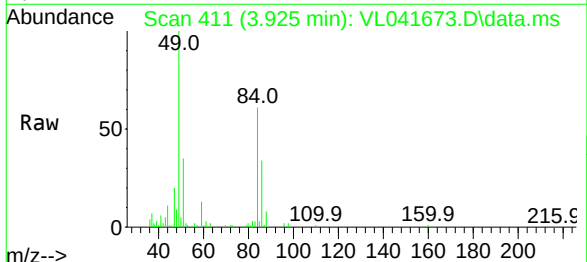
Tgt Ion: 45 Resp: 28691
Ion Ratio Lower Upper
45 100
58 14.0 2.5 3.7#

Manual Integrations
APPROVED

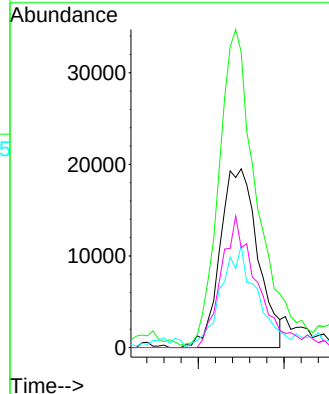
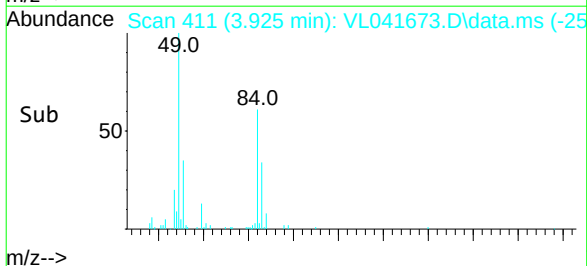
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

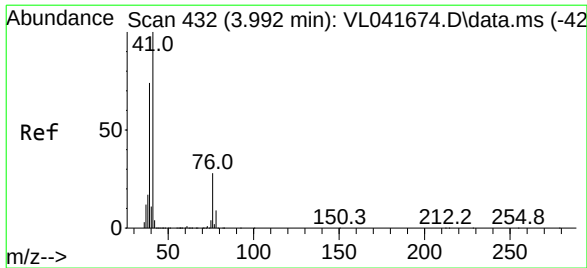


#20
Methylene Chloride
Concen: 0.598 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



Tgt Ion: 84 Resp: 29973
Ion Ratio Lower Upper
84 100
49 163.8 129.7 194.5
51 50.5 39.8 59.6
86 55.8 49.1 73.7





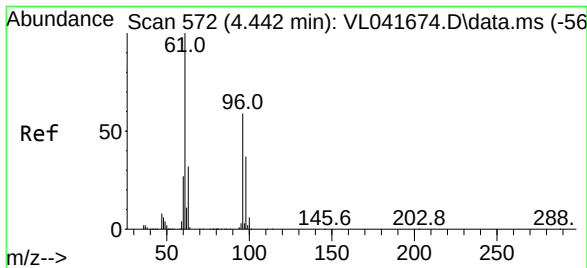
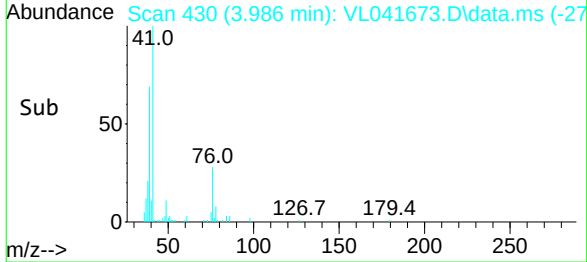
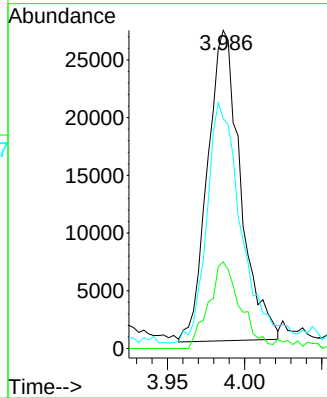
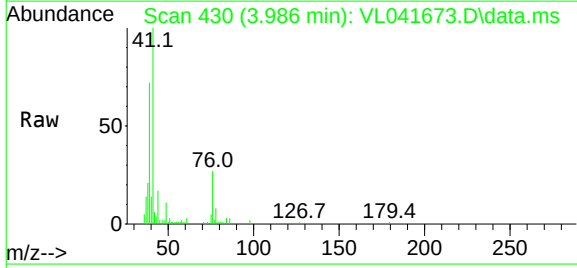
#21
 Allyl Chloride
 Concen: 0.475 ppbv
 RT: 3.986 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 39968
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.5 35.3
 39 89.7 63.0 94.4

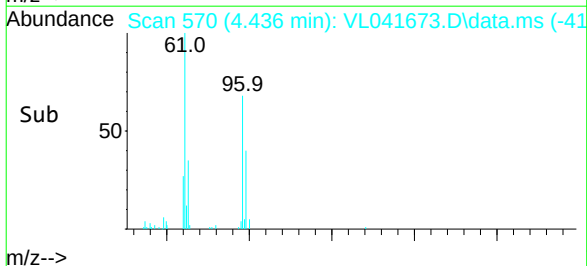
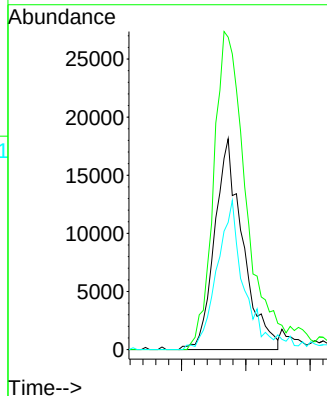
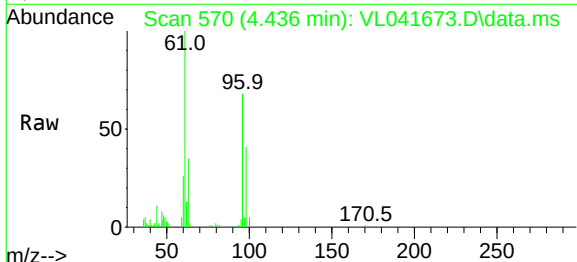
Manual Integrations
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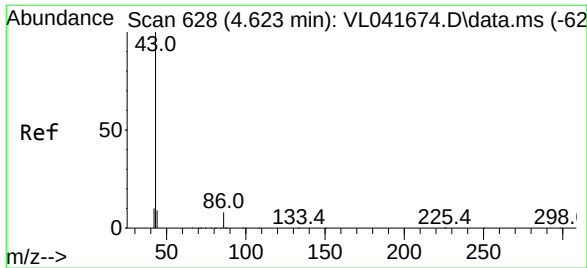
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.499 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

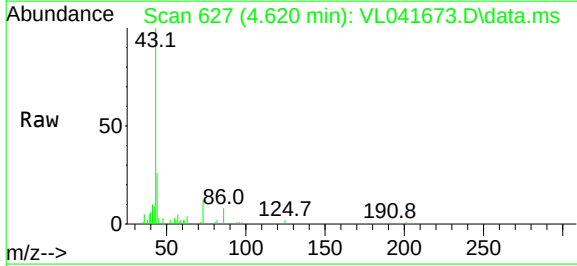
Tgt Ion: 96 Resp: 27650
 Ion Ratio Lower Upper
 96 100
 61 148.1 134.5 201.7
 98 60.3 49.6 74.4





#23
 Vinyl Acetate
 Concen: 0.420 ppbv m
 RT: 4.620 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

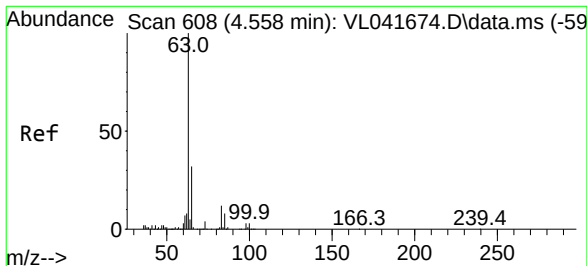
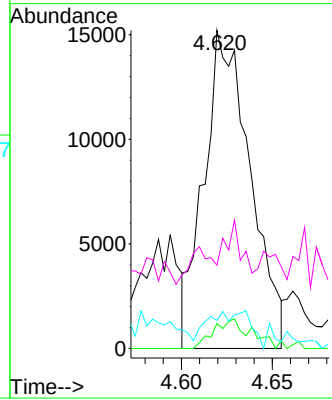
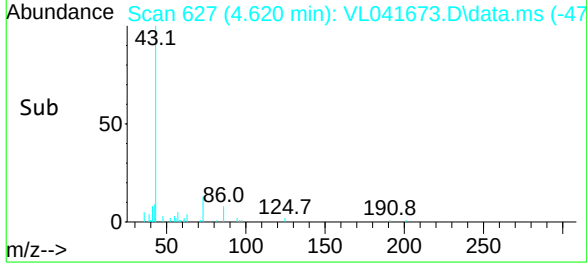
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43	Resp: 26909
Ion Ratio	Lower Upper
43 100	
86 7.9	5.3 7.9
42 8.8	8.5 12.7
44 26.2	6.7 10.1#

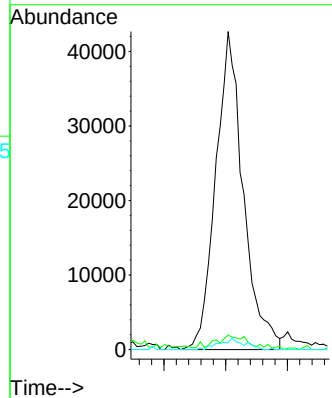
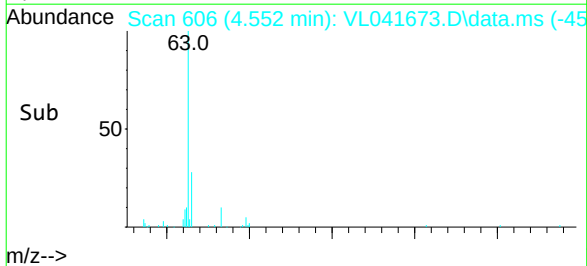
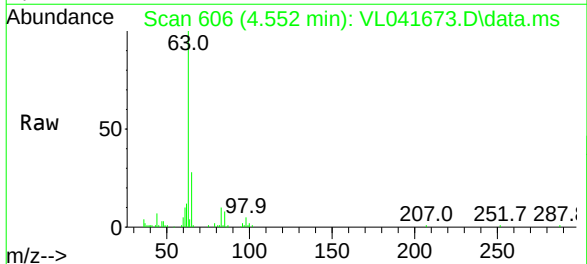
Manual Integrations
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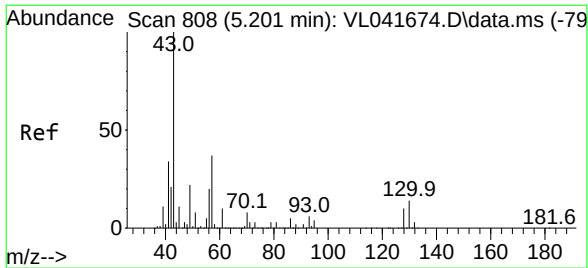
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#24
 1,1-Dichloroethane
 Concen: 0.537 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL041673.D
 Acq: 7 Nov 2024 9:36

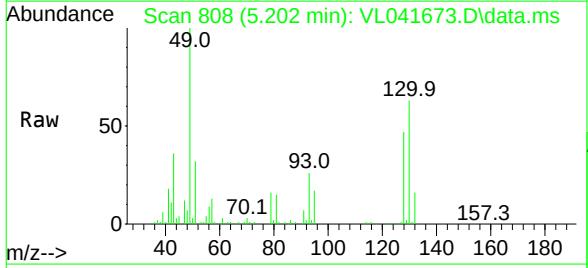
Tgt Ion: 63	Resp: 66112
Ion Ratio	Lower Upper
63 100	
98 3.5	1.8 5.4
100 2.1	1.4 4.2





#25
Ethyl Acetate
Concen: 0.454 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

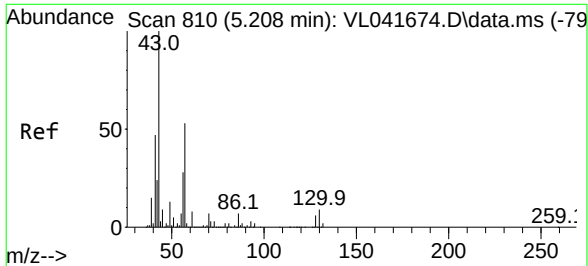
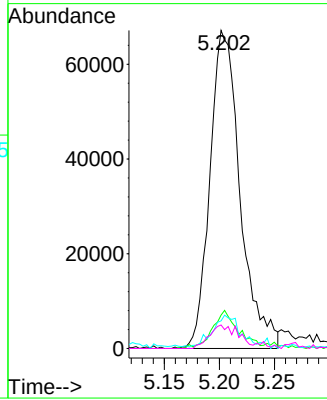
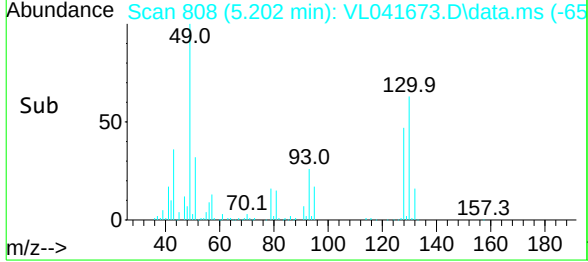
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



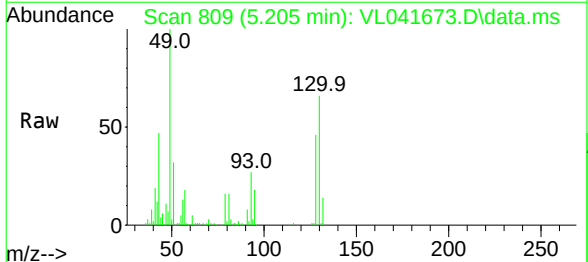
Tgt Ion: 43 Resp: 128056
Ion Ratio Lower Upper
43 100
45 11.4 8.6 13.0
61 10.4 8.4 12.6
70 7.8 5.8 8.6

Manual Integrations
APPROVED

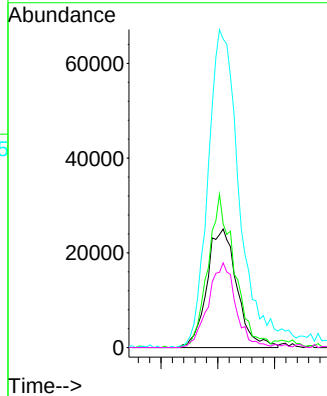
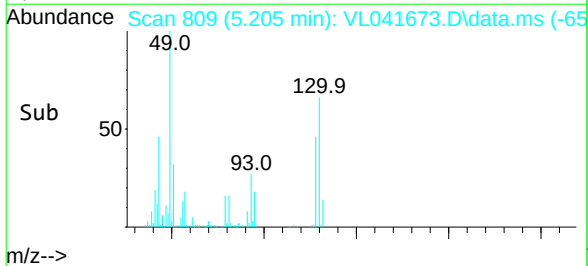
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

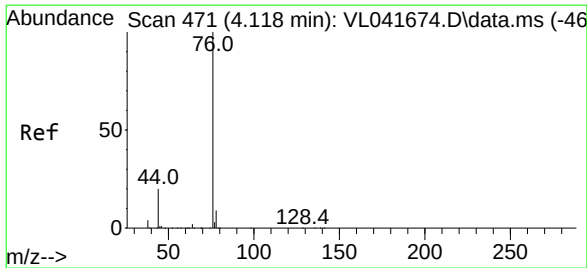


#26
Hexane
Concen: 0.424 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



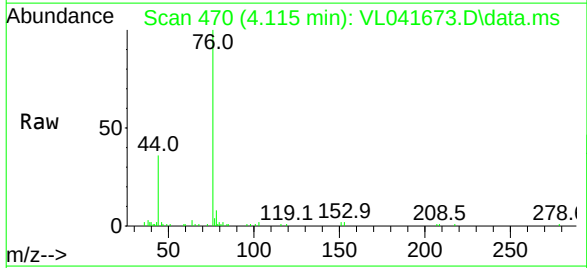
Tgt Ion: 57 Resp: 45903
Ion Ratio Lower Upper
57 100
41 120.3 76.1 114.1#
43 298.5 207.0 310.6
56 67.7 43.7 65.5#





#27
Carbon Disulfide
Concen: 0.422 ppbv
RT: 4.115 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

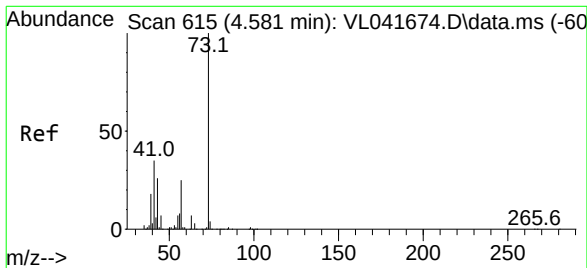
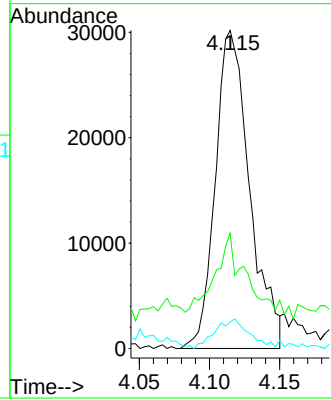
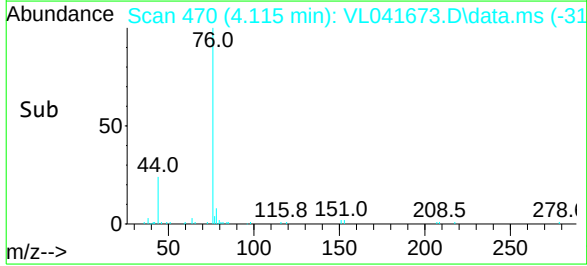
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 76 Resp: 51344
Ion Ratio Lower Upper
76 100
44 29.3 15.8 23.8#
78 10.8 7.5 11.3

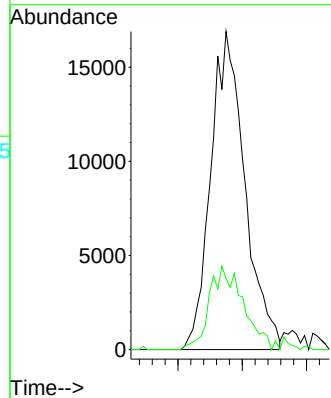
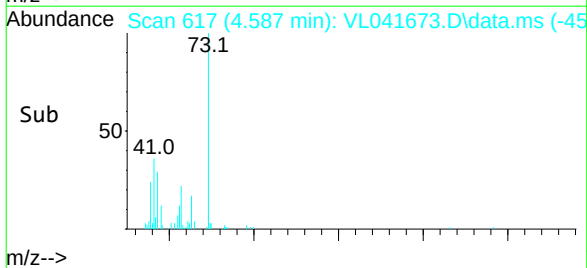
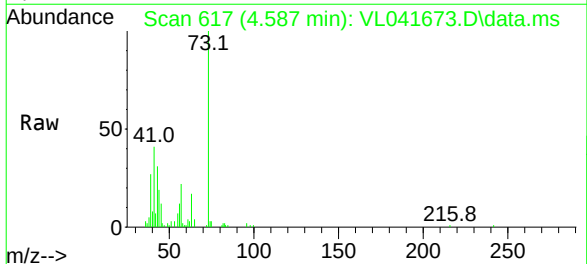
Manual Integrations
APPROVED

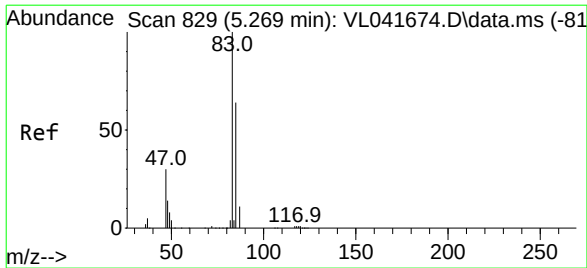
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 0.447 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.007 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 73 Resp: 31135
Ion Ratio Lower Upper
73 100
57 27.2 19.6 29.4





#29

Chloroform

Concen: 0.527 ppbv

RT: 5.266 min Scan# 82

Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 94165

Ion Ratio Lower Upper

83 100

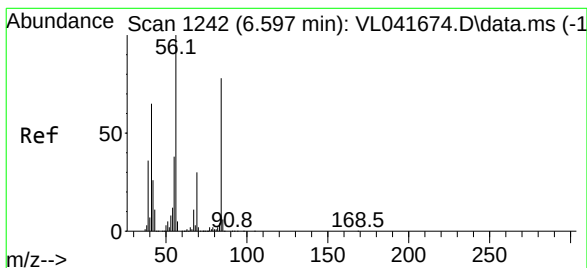
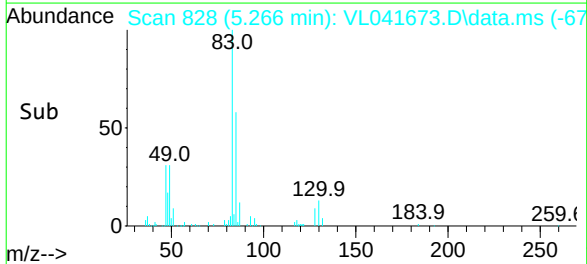
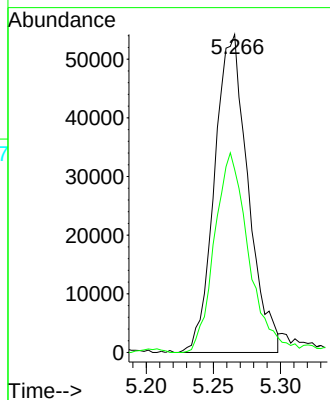
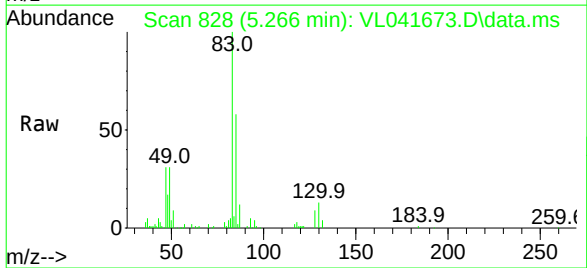
85 57.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#30

Cyclohexane

Concen: 0.524 ppbv m

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

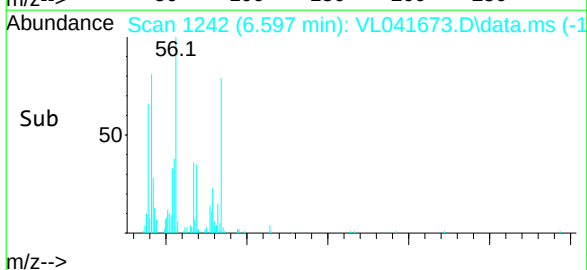
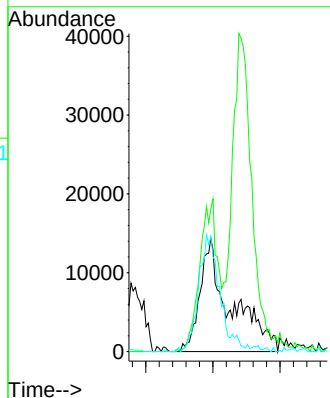
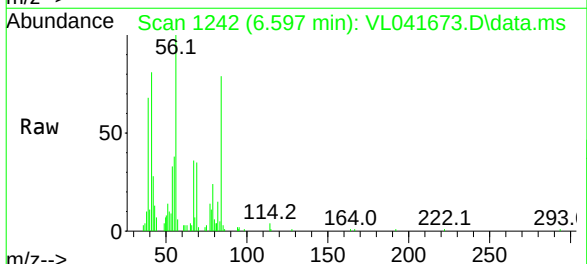
Tgt Ion: 84 Resp: 45582

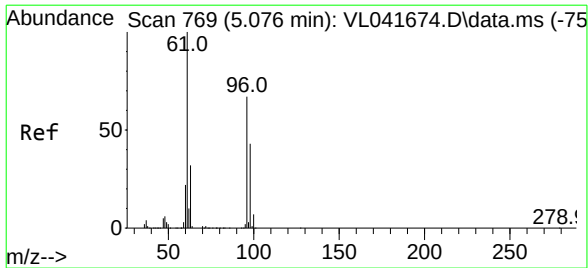
Ion Ratio Lower Upper

84 100

56 85.1 110.8 166.2#

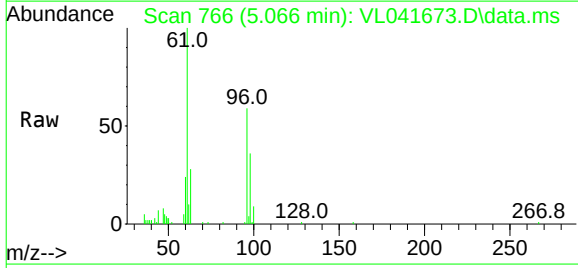
41 73.1 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 0.418 ppbv
RT: 5.066 min Scan# 769
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

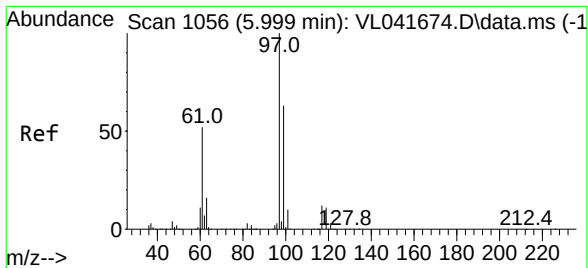
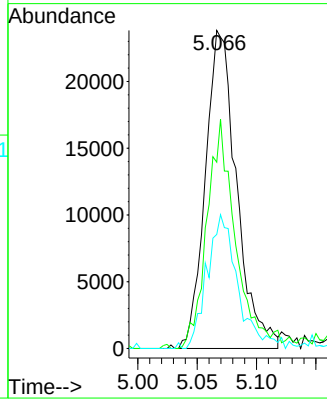
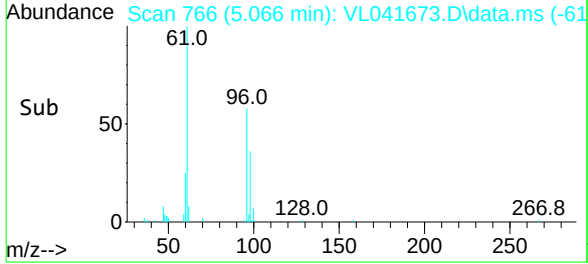
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 61 Resp: 43581
Ion Ratio Lower Upper
61 100
96 58.6 53.4 80.2
98 34.1 34.0 51.0

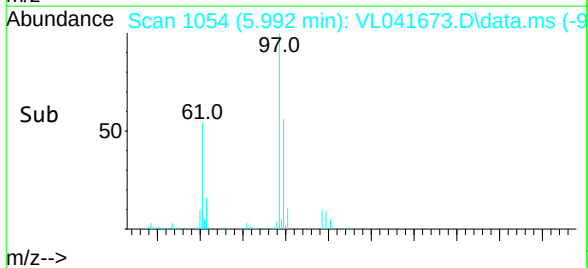
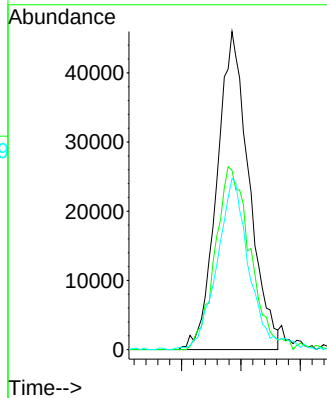
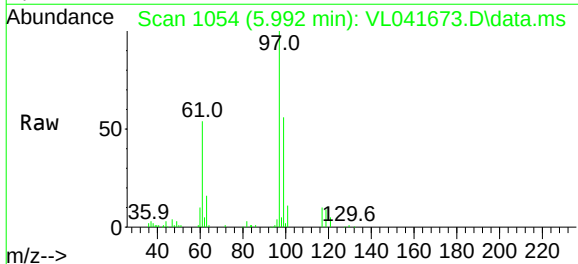
Manual Integrations
APPROVED

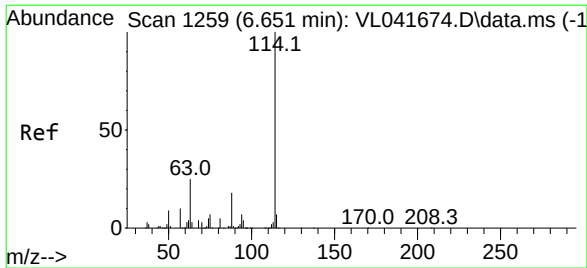
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#32
1,1,1-Trichloroethane
Concen: 0.527 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

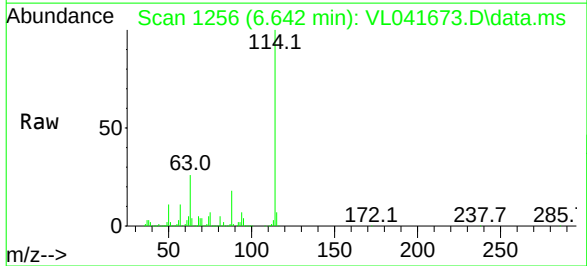
Tgt Ion: 97 Resp: 86390
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 54.3 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1259
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

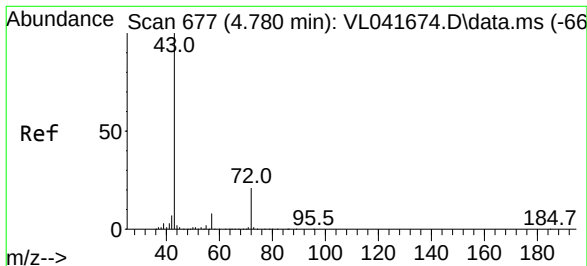
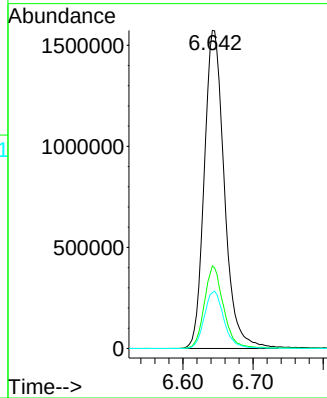
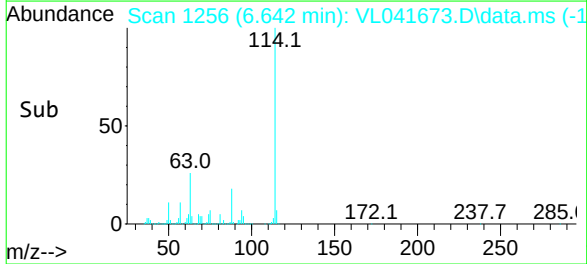
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:114 Resp: 3129776
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.8 14.2 21.4

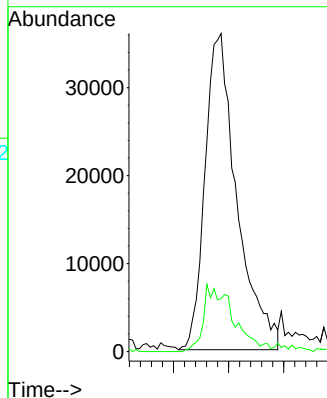
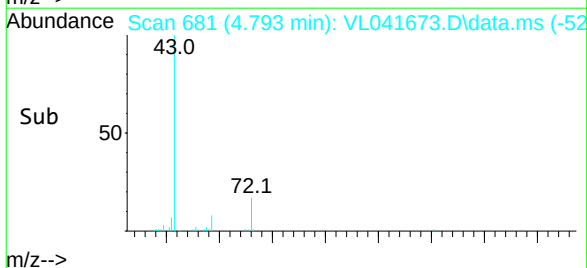
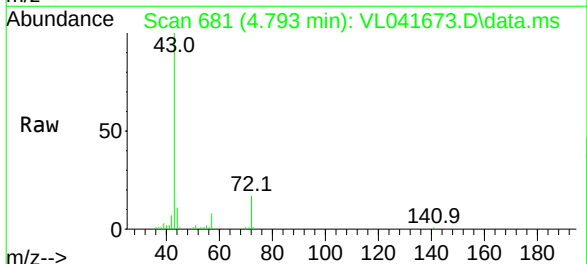
Manual Integrations
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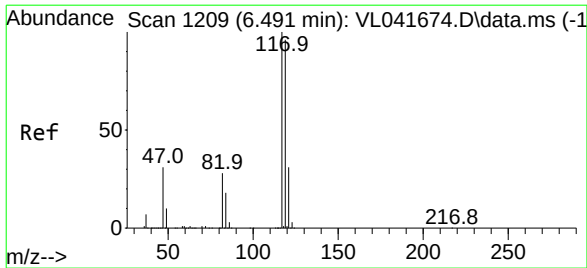
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 0.464 ppbv
RT: 4.793 min Scan# 681
Delta R.T. 0.013 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

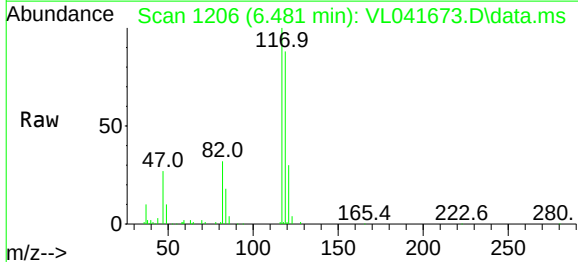
Tgt Ion: 43 Resp: 72284
Ion Ratio Lower Upper
43 100
72 21.7 17.4 26.0





#35
Carbon Tetrachloride
Concen: 0.514 ppbv
RT: 6.481 min Scan# 1209
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

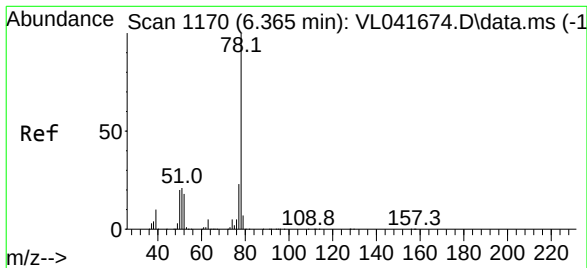
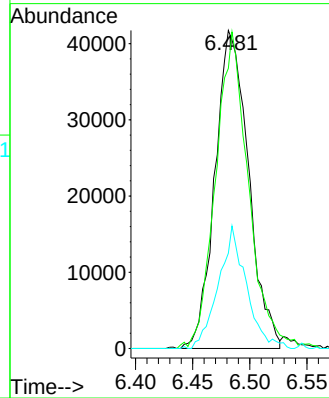
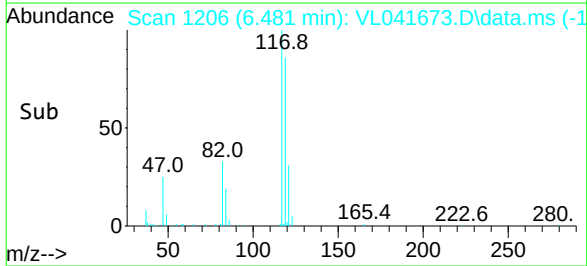
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 84978
Ion Ratio Lower Upper
117 100
119 86.9 77.2 115.8
121 29.9 25.0 37.4

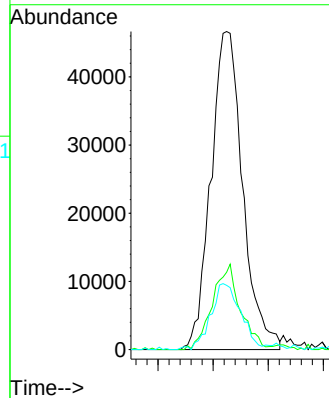
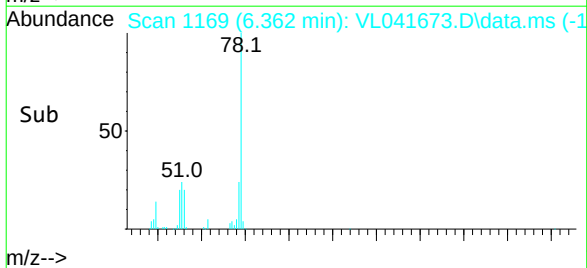
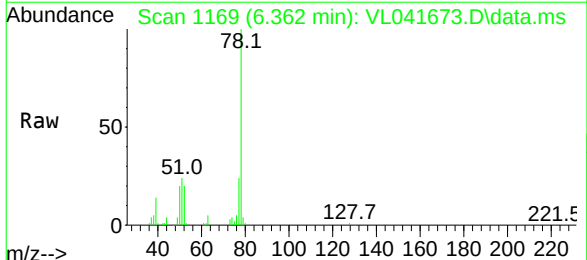
Manual Integrations
APPROVED

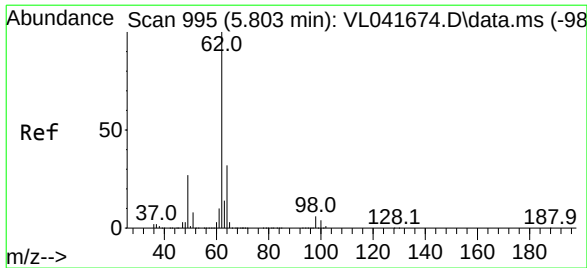
Reviewed By : Mahesh Dadoda 11/09/2024
Supervised By : Semsettin Yesilyurt 11/09/2024



#36
Benzene
Concen: 0.403 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

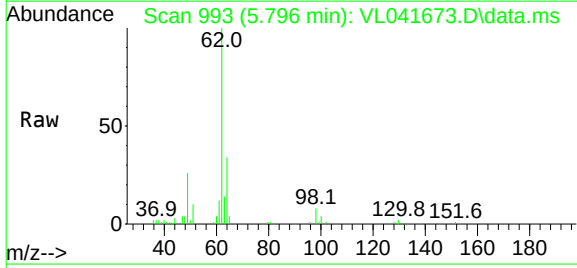
Tgt Ion: 78 Resp: 93476
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7
50 19.7 15.6 23.4





#37
1,2-Dichloroethane
Concen: 0.467 ppbv
RT: 5.796 min Scan# 99
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

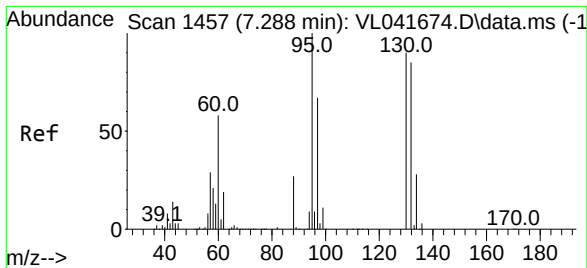
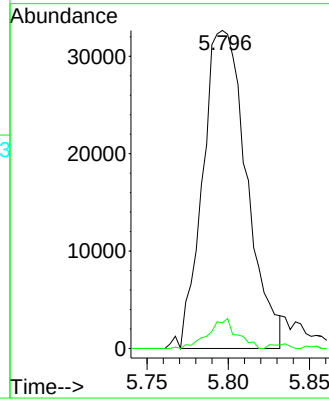
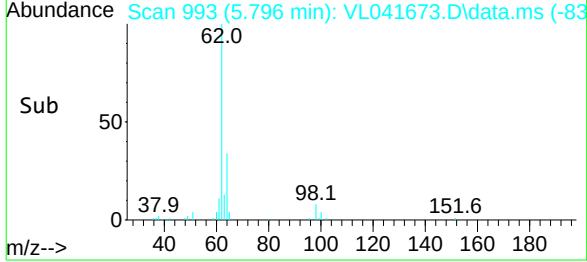
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



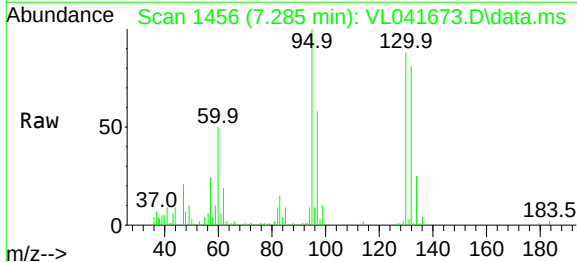
Tgt Ion: 62 Resp: 61144
Ion Ratio Lower Upper
62 100
98 7.0 5.2 7.8

Manual Integrations
APPROVED

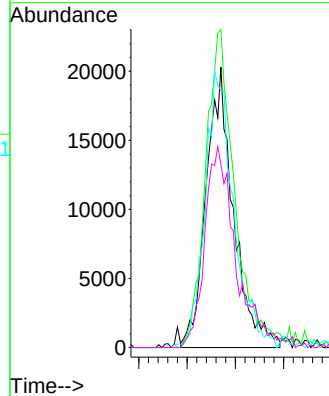
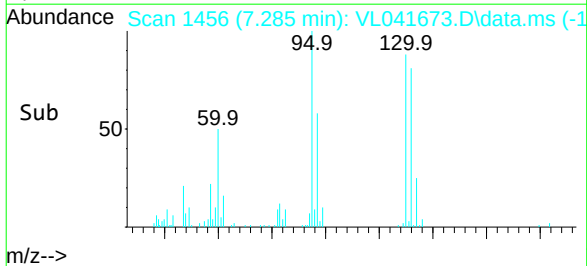
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

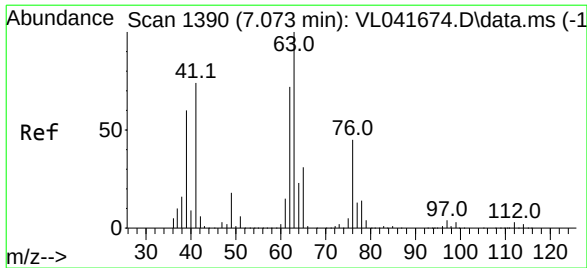


#38
Trichloroethene
Concen: 0.446 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



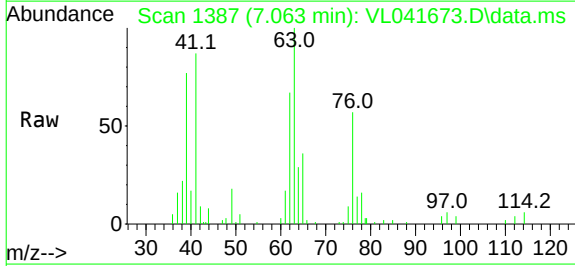
Tgt Ion:130 Resp: 39868
Ion Ratio Lower Upper
130 100
95 113.4 89.1 133.7
132 91.6 75.7 113.5
97 65.3 60.0 90.0





#39
1,2-Dichloropropane
Concen: 0.447 ppbv
RT: 7.063 min Scan# 13
Delta R.T. -0.009 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

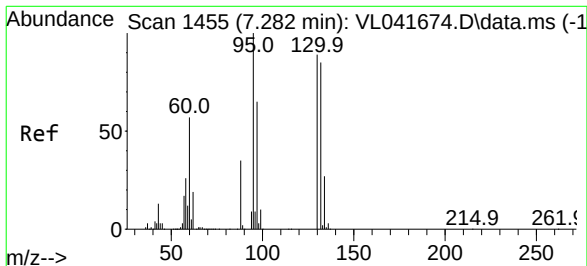
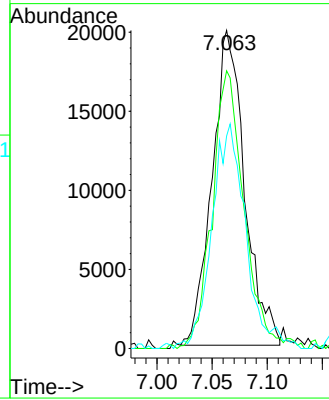
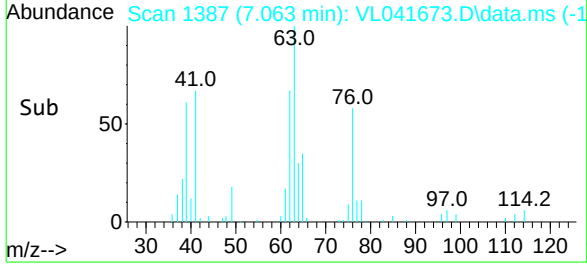
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 63 Resp: 40977
Ion Ratio Lower Upper
63 100
41 87.4 59.1 88.7
62 64.8 57.7 86.5

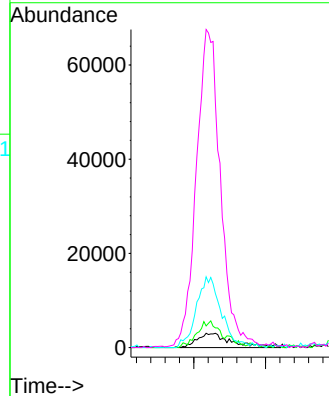
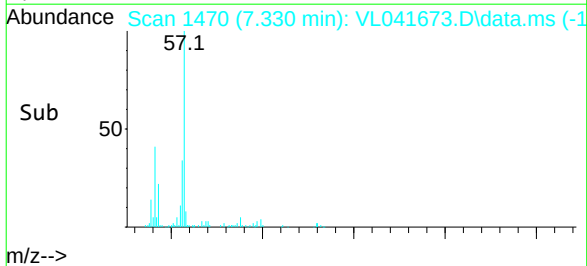
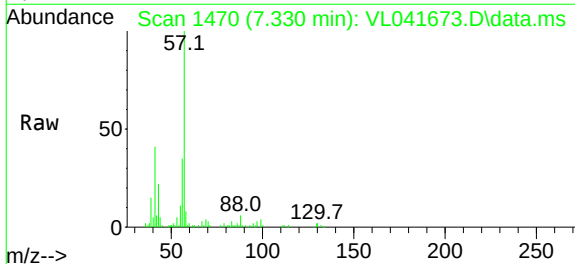
Manual Integrations
APPROVED

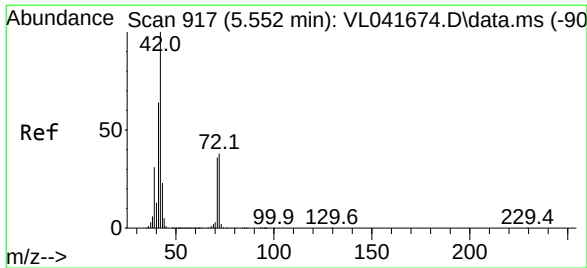
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 0.314 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. 0.048 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 88 Resp: 10193
Ion Ratio Lower Upper
88 100
58 0.0 101.4 152.2#
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





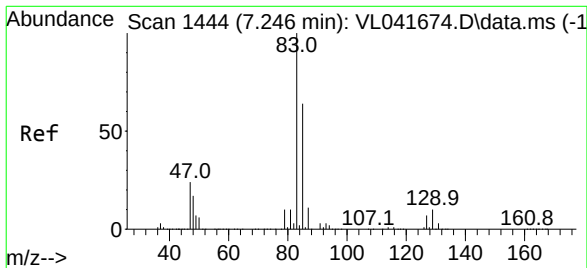
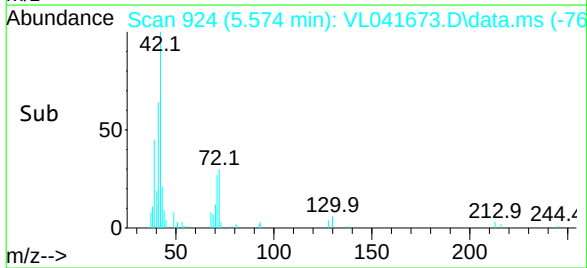
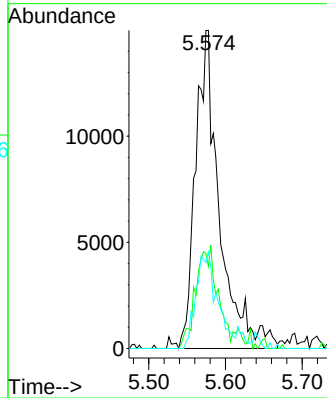
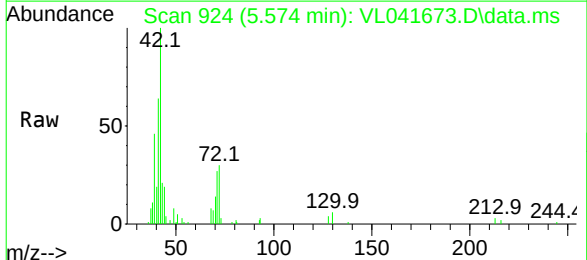
#41
Tetrahydrofuran
Concen: 0.365 ppbv m
RT: 5.574 min Scan# 92
Delta R.T. 0.023 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:	42	Resp:	32441
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	29.4	44.2#

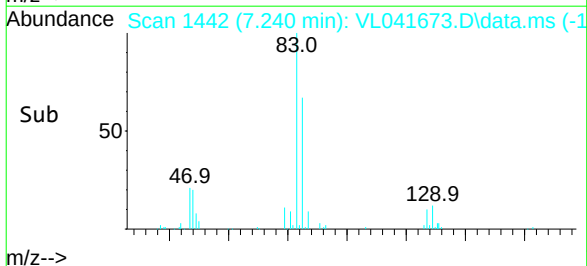
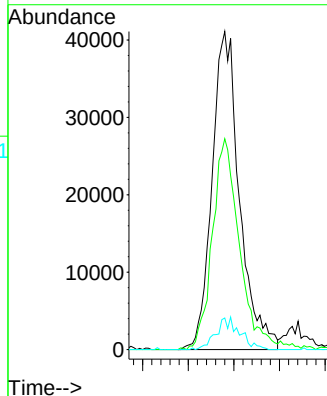
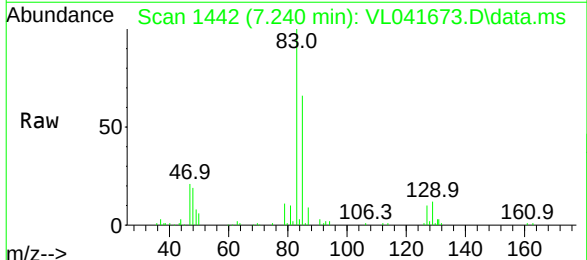
Manual Integrations
APPROVED

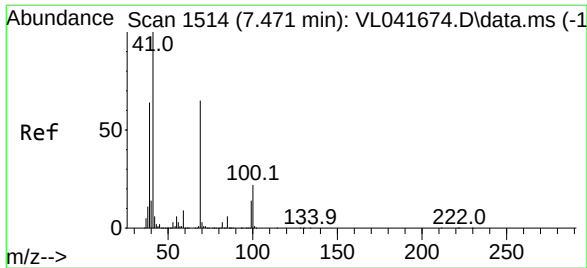
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 0.472 ppbv m
RT: 7.240 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion:	83	Resp:	85816
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.2	76.8
127	9.9	6.0	9.0#





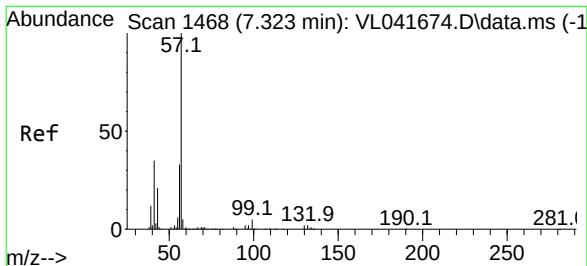
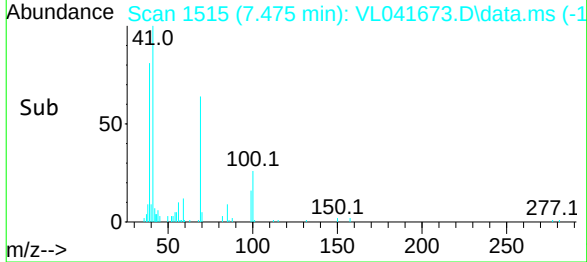
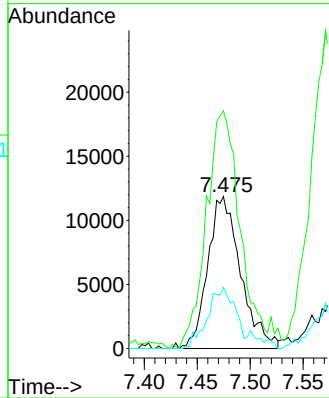
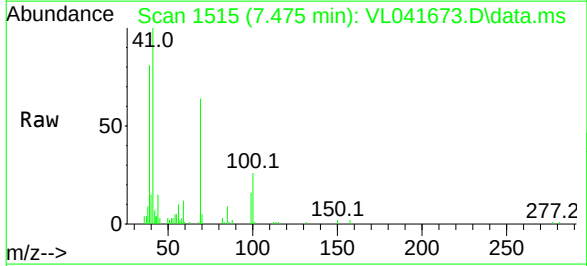
#43
Methyl Methacrylate
Concen: 0.314 ppbv m
RT: 7.475 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 25536
Ion Ratio Lower Upper
69 100
41 163.9 119.8 179.6
100 38.9 27.3 40.9

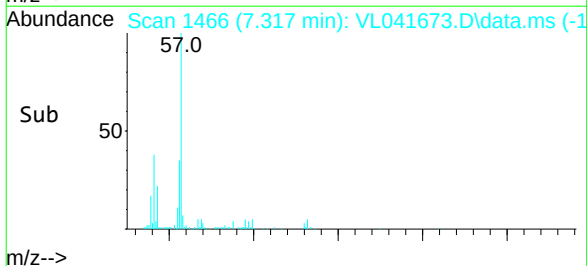
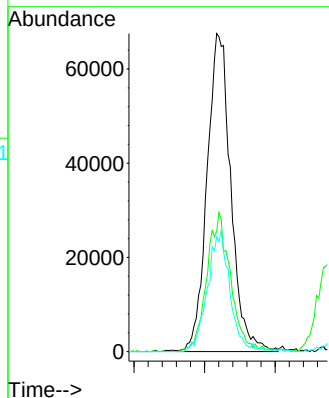
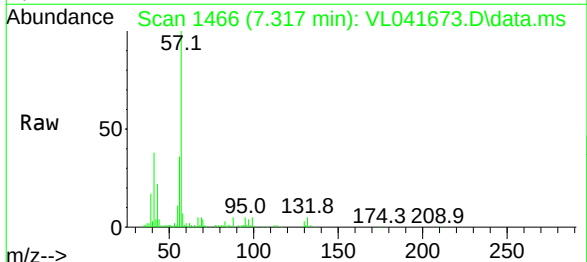
Manual Integrations
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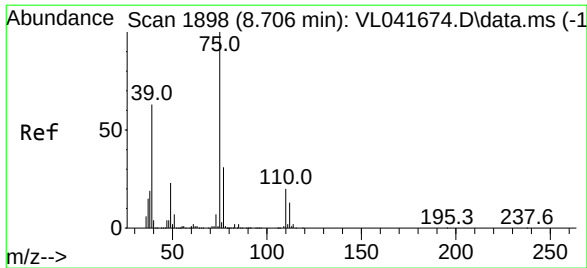
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44
2,2,4-Trimethylpentane
Concen: 0.403 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

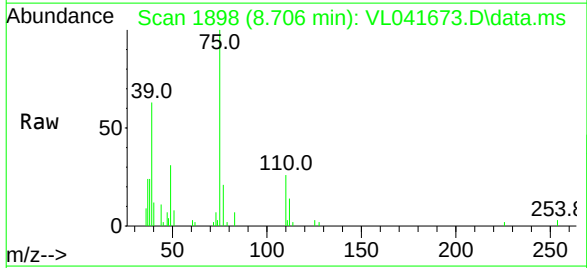
Tgt Ion: 57 Resp: 158270
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 0.0 25.8 38.6#





#45
t-1,3-Dichloropropene
Concen: 0.322 ppbv m
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

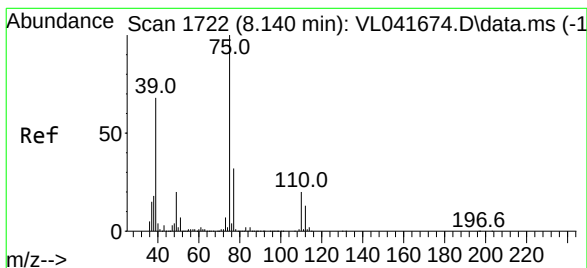
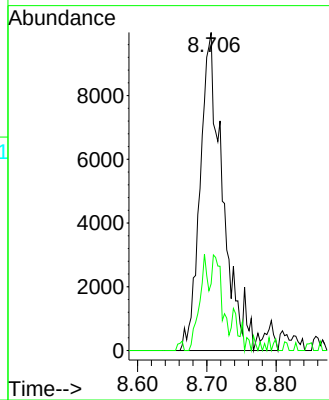
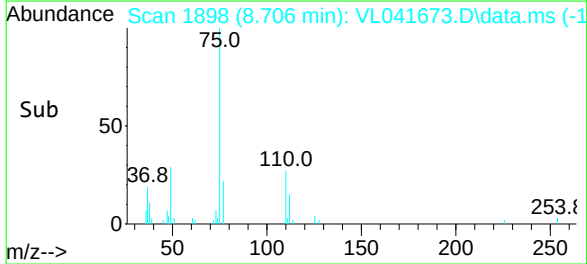
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 23425
Ion Ratio Lower Upper
75 100
77 21.0 24.7 37.1#

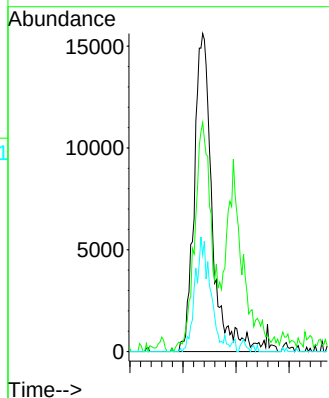
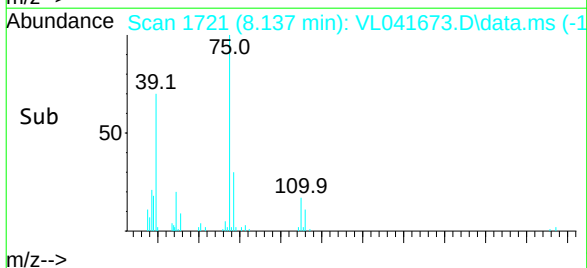
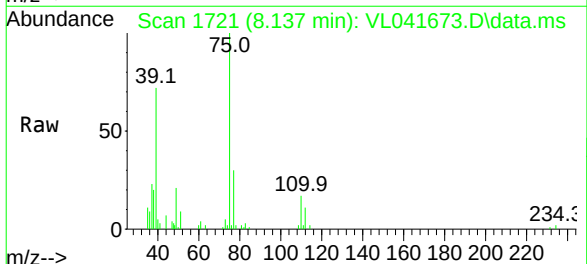
Manual Integrations
APPROVED

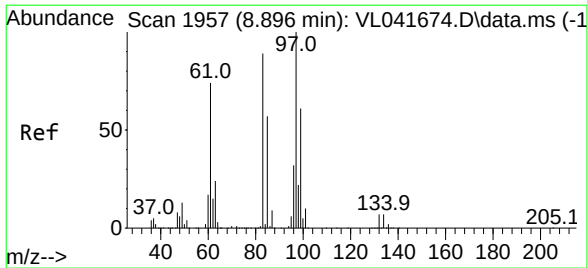
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#46
cis-1,3-Dichloropropene
Concen: 0.352 ppbv m
RT: 8.137 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

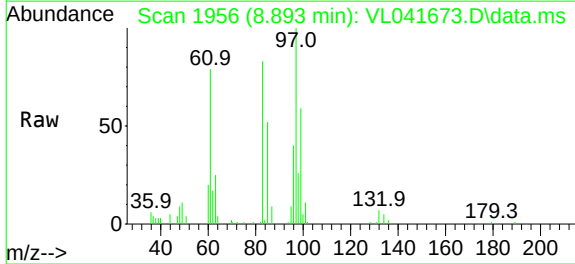
Tgt Ion: 75 Resp: 37244
Ion Ratio Lower Upper
75 100
39 72.0 54.1 81.1
77 30.4 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.479 ppbv
RT: 8.893 min Scan# 1957
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

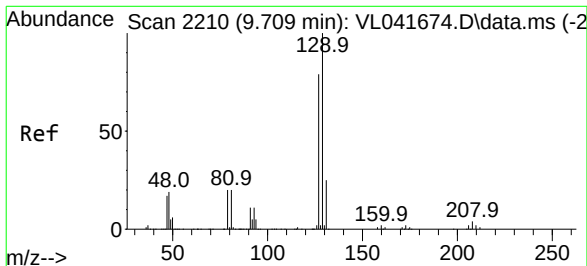
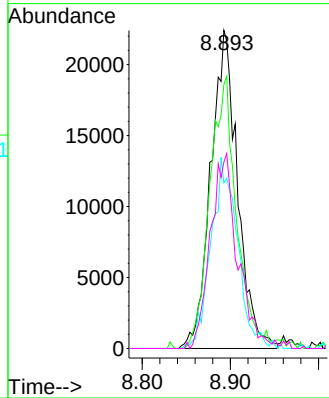
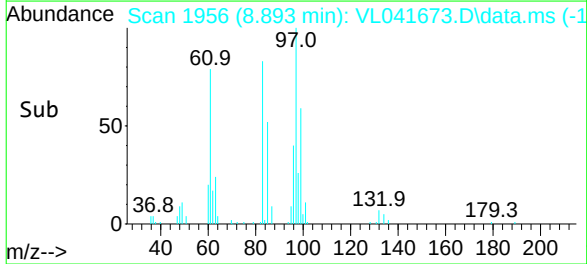
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 97 Resp: 47322
Ion Ratio Lower Upper
97 100
83 83.1 71.0 106.6
85 52.0 45.4 68.2
99 58.6 49.0 73.6

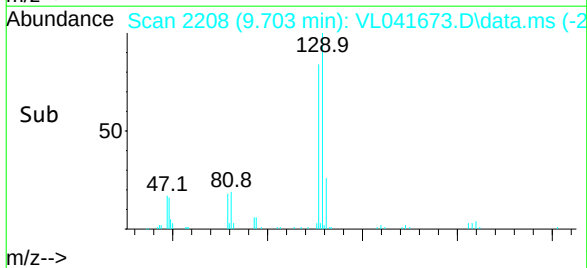
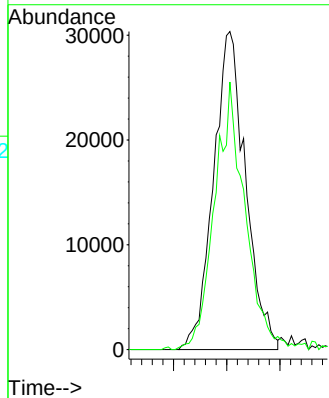
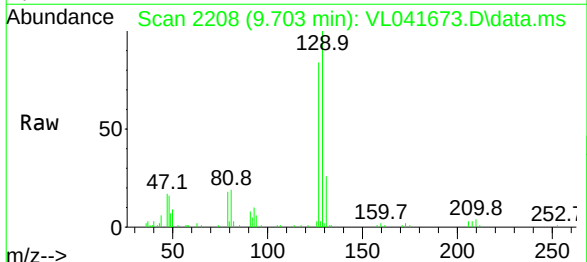
Manual Integrations
APPROVED

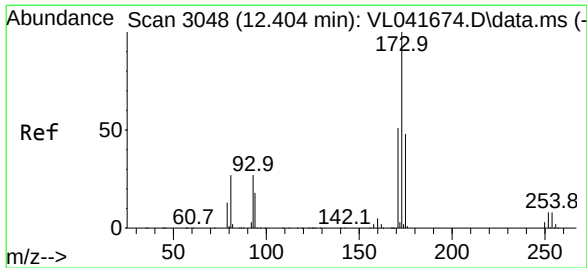
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 0.422 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion:129 Resp: 63686
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.2





#49

Bromoform

Concen: 0.410 ppbv

RT: 12.397 min Scan# 3048

Delta R.T. -0.006 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

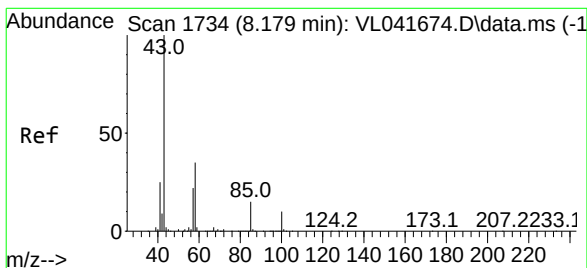
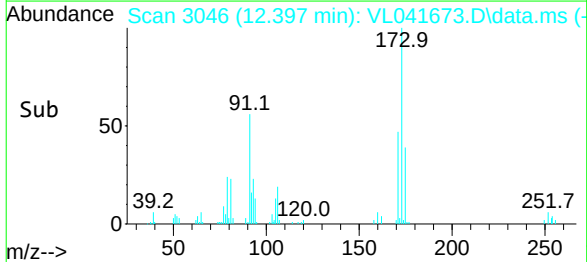
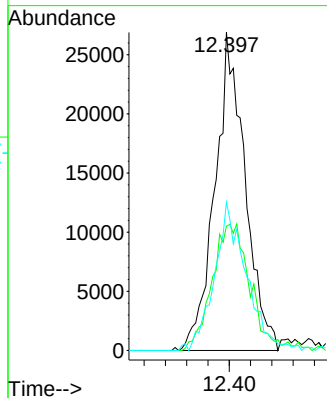
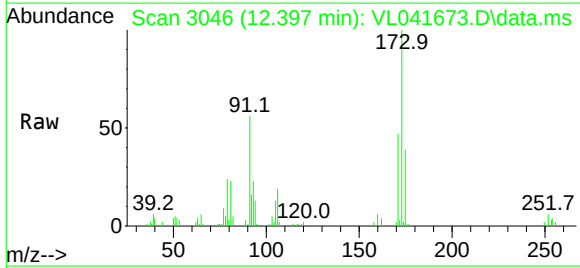
VSTDICC0.5

Tgt Ion:	173	Resp:	52765
Ion Ratio	Lower	Upper	
173	100		
175	51.2	39.2	58.8
171	49.8	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#50

4-Methyl-2-Pentanone

Concen: 0.363 ppbv

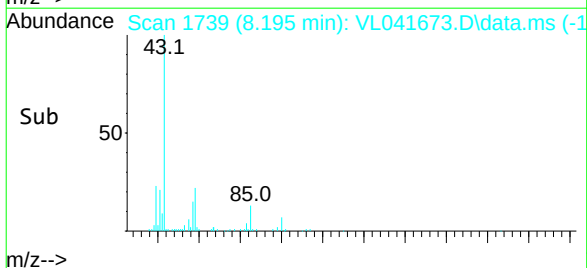
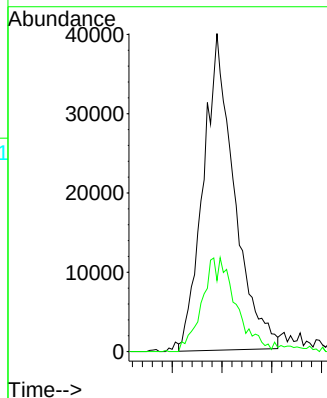
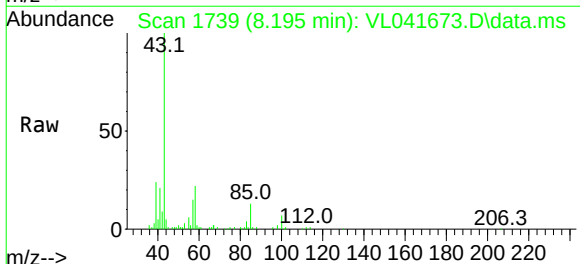
RT: 8.195 min Scan# 1739

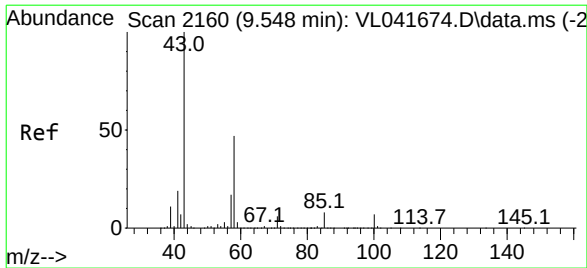
Delta R.T. 0.016 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

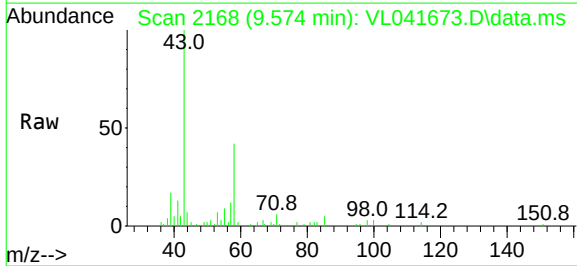
Tgt Ion:	43	Resp:	86918
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.7	41.5





#51
2-Hexanone
Concen: 0.340 ppbv m
RT: 9.574 min Scan# 2160
Delta R.T. 0.026 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

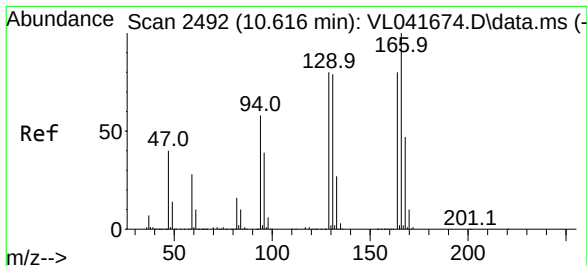
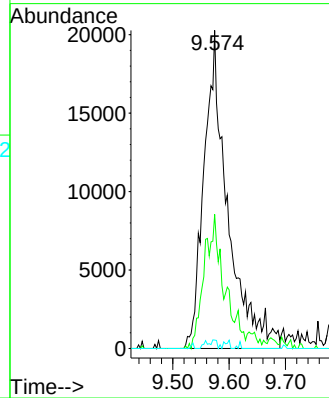
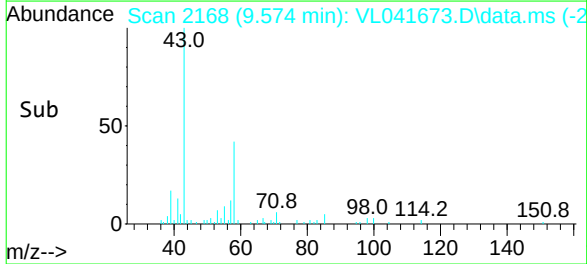
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



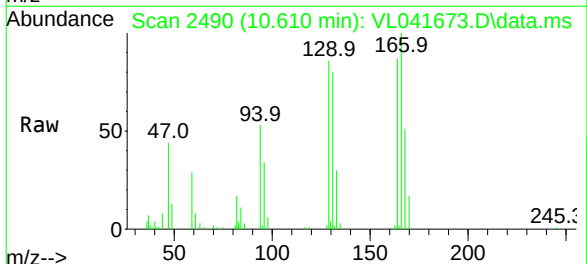
Tgt Ion: 43 Resp: 59145
Ion Ratio Lower Upper
43 100
58 38.3 37.0 55.6
98 1.9 0.6 0.8#

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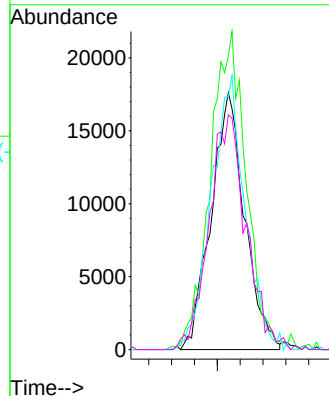
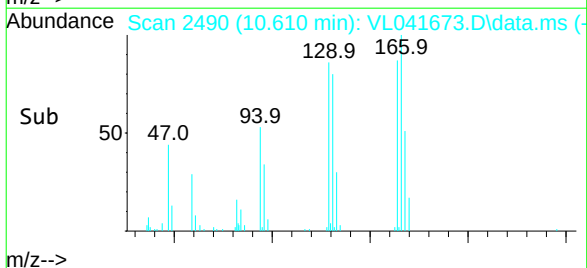
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

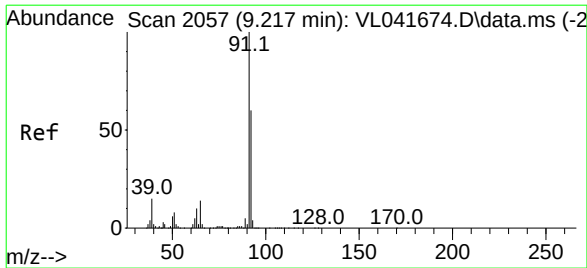


#52
Tetrachloroethene
Concen: 0.453 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



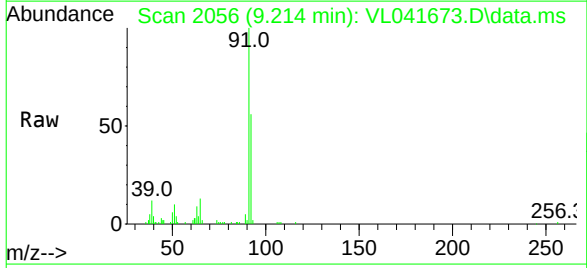
Tgt Ion:164 Resp: 35915
Ion Ratio Lower Upper
164 100
166 112.7 100.2 150.4
129 95.4 79.7 119.5
131 90.4 79.0 118.4





#53
Toluene
Concen: 0.321 ppbv m
RT: 9.214 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

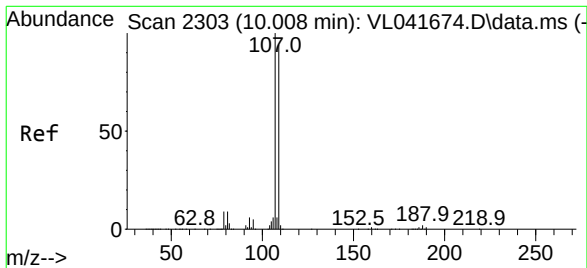
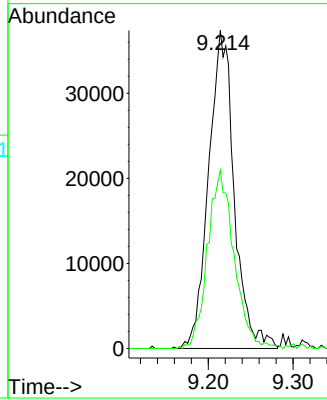
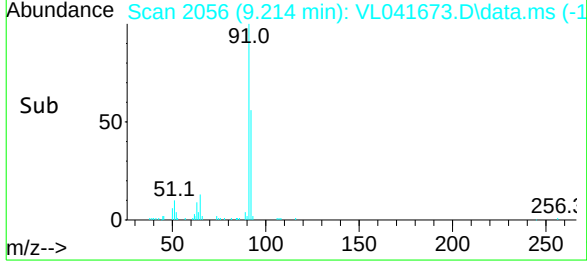
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



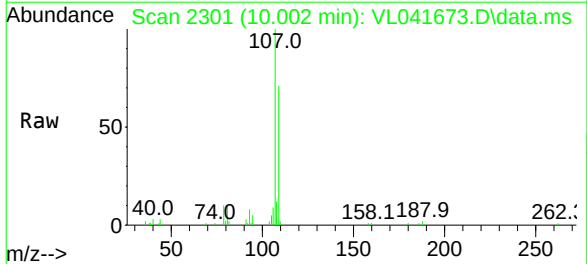
Tgt Ion: 91 Resp: 78296
Ion Ratio Lower Upper
91 100
92 58.5 49.0 73.4

Manual Integrations
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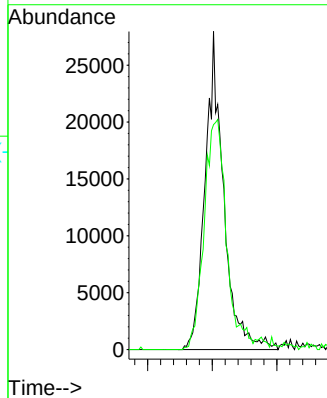
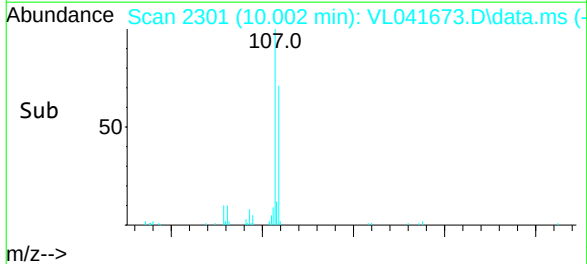
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

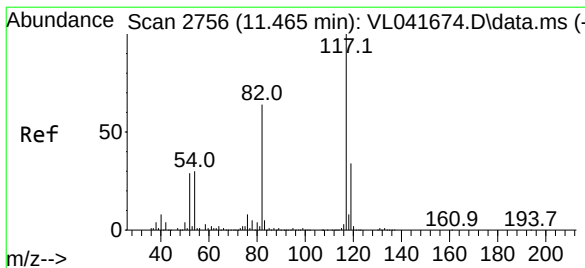


#54
1,2-Dibromoethane
Concen: 0.481 ppbv m
RT: 10.002 min Scan# 2301
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



Tgt Ion:107 Resp: 55464
Ion Ratio Lower Upper
107 100
109 70.7 74.9 112.3#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2756

Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

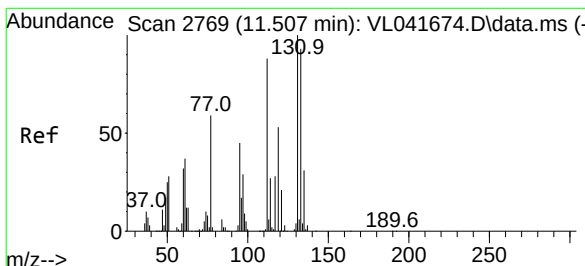
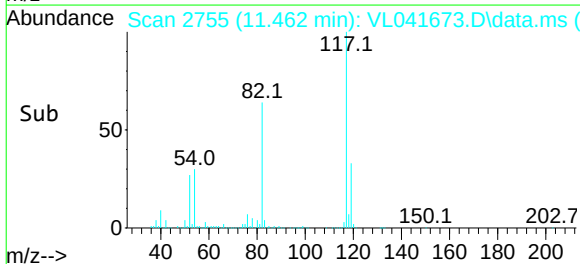
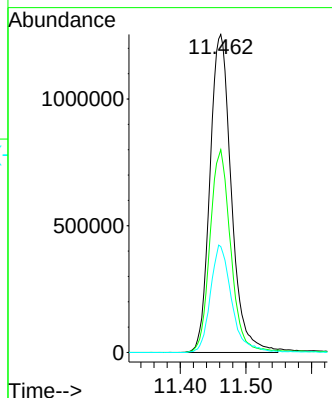
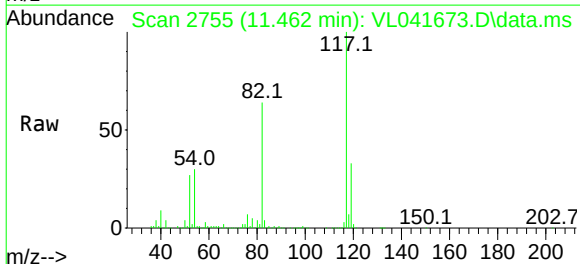
VSTDIC0.5

Tgt Ion:117 Resp: 2839076

Ion	Ratio	Lower	Upper
117	100		
82	62.6	49.8	74.8
119	34.0	24.2	36.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.532 ppbv

RT: 11.500 min Scan# 2767

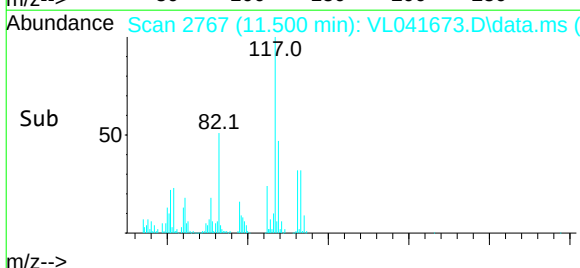
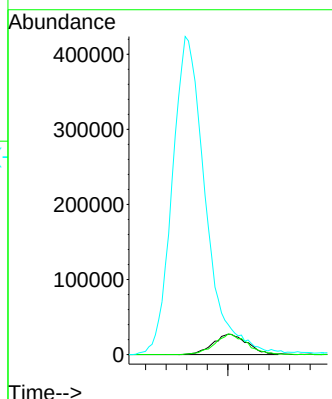
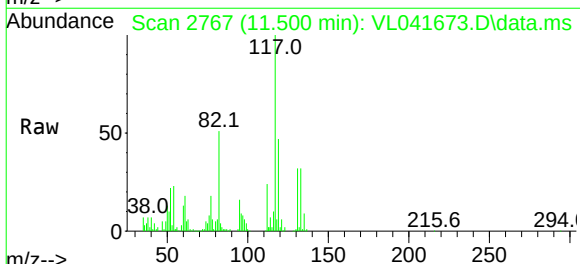
Delta R.T. -0.006 min

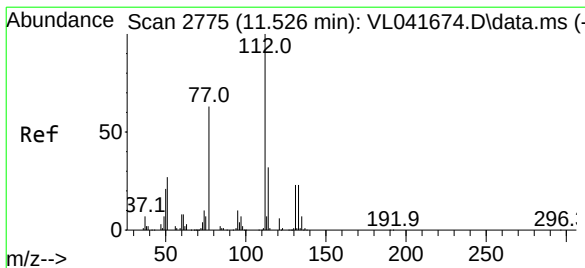
Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Tgt Ion:131 Resp: 62892

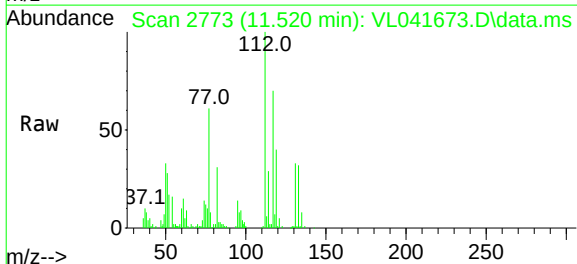
Ion	Ratio	Lower	Upper
131	100		
133	95.9	76.5	114.7
119	1527.3	49.8	74.8#





#57
Chlorobenzene
Concen: 0.500 ppbv
RT: 11.520 min Scan# 2775
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

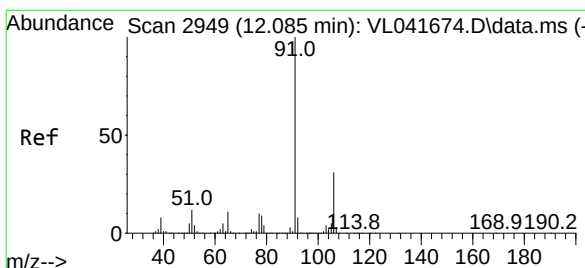
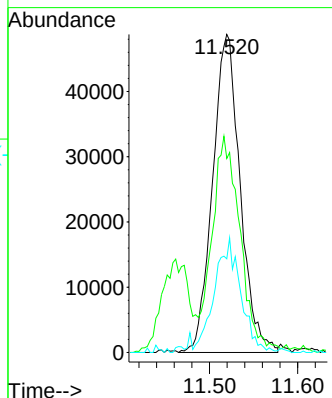
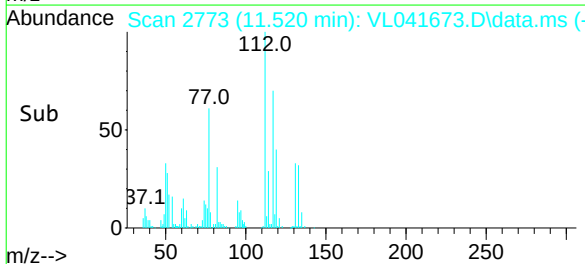
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 112 Resp: 105740
Ion Ratio Lower Upper
112 100
77 59.0 51.4 77.2
114 28.9 28.4 34.8

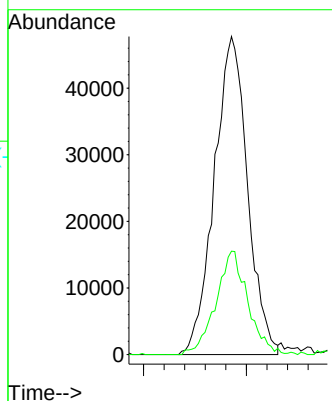
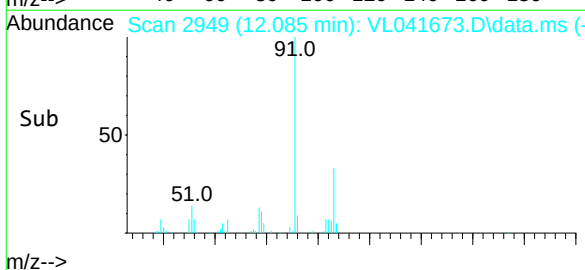
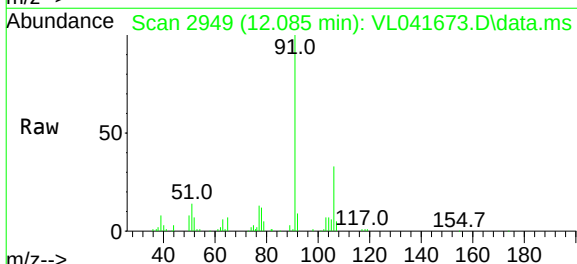
Manual Integrations
APPROVED

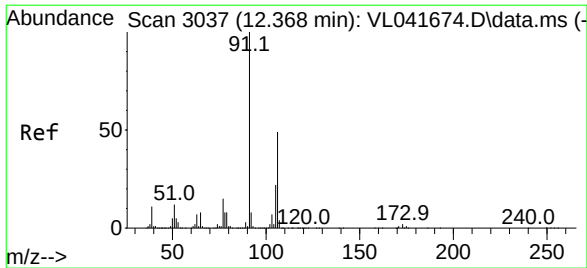
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#58
Ethyl Benzene
Concen: 0.341 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 91 Resp: 107368
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3





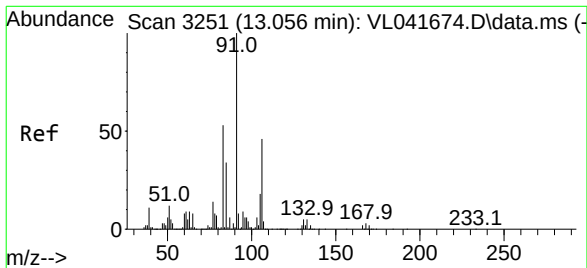
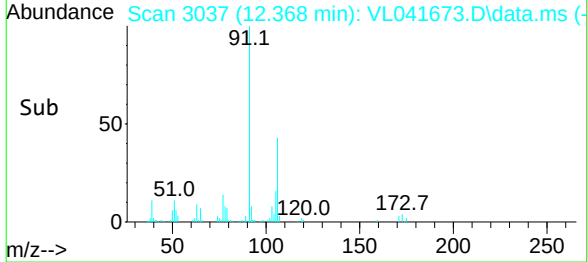
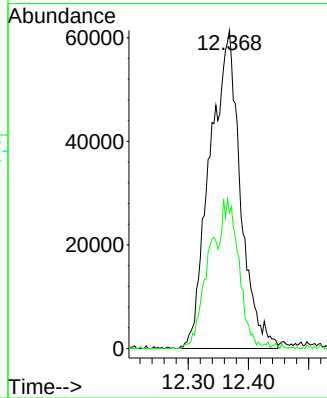
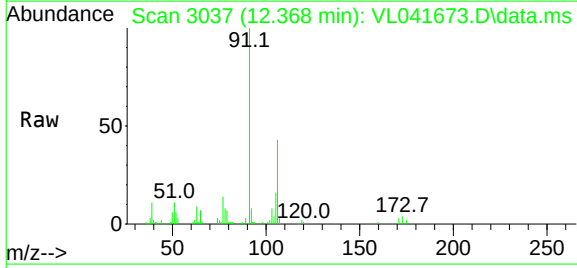
#59
m/p-Xylene
Concen: 0.766 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 215445
Ion Ratio Lower Upper
91 100
106 44.7 36.9 55.3

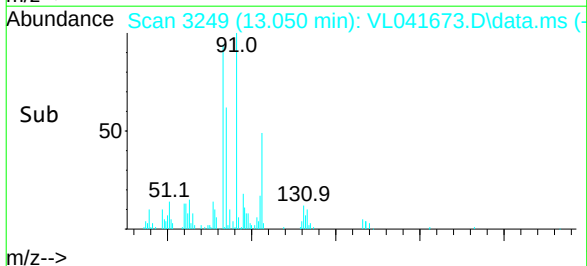
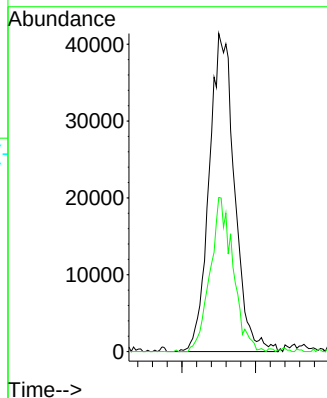
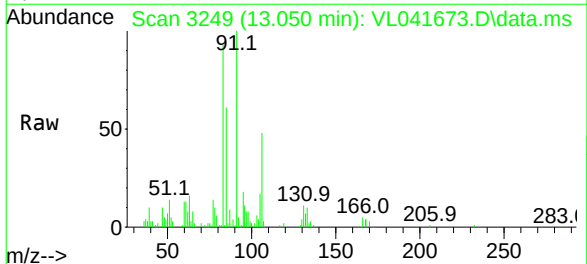
Manual Integrations
APPROVED

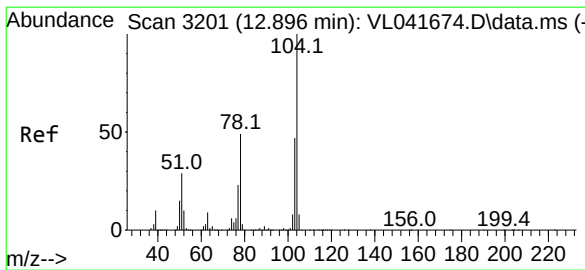
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#60
o-Xylene
Concen: 0.369 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. -0.006 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion: 91 Resp: 99239
Ion Ratio Lower Upper
91 100
106 43.7 23.2 69.6





#61

Styrene

Concen: 0.289 ppbv m

RT: 12.893 min Scan# 32039

Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

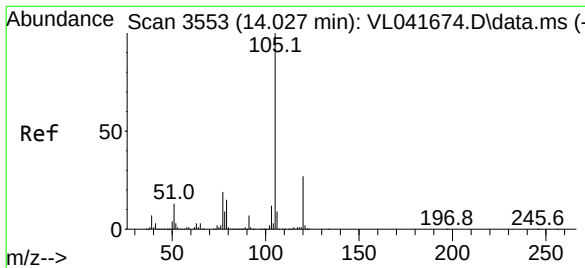
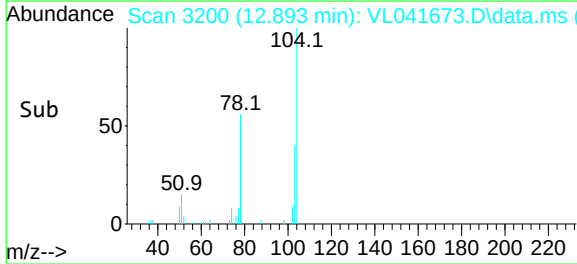
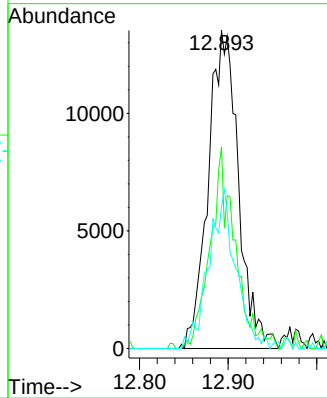
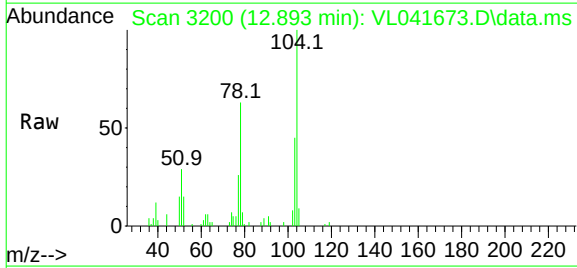
VSTDICC0.5

Tgt Ion:	104	Resp:	32039
Ion Ratio	Lower	Upper	
104	100		
78	52.3	39.8	59.8
103	45.1	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 0.427 ppbv

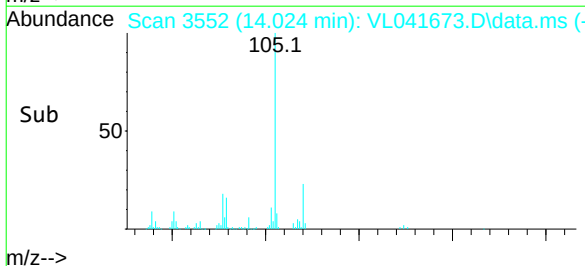
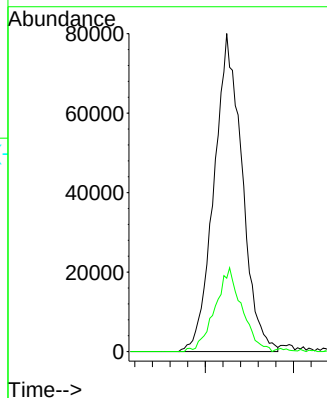
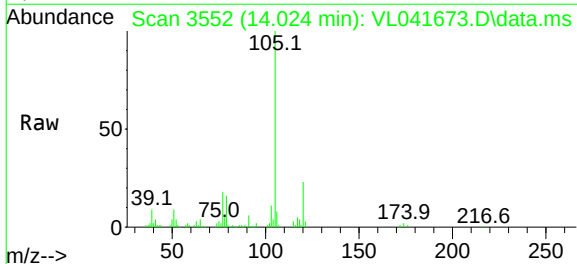
RT: 14.024 min Scan# 3552

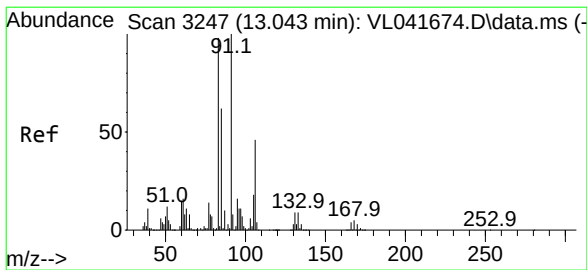
Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Tgt Ion:	105	Resp:	177013
Ion Ratio	Lower	Upper	
105	100		
120	25.8	21.1	31.7





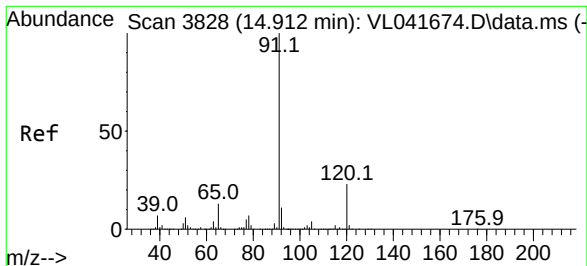
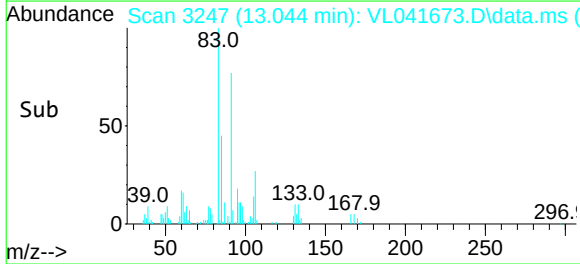
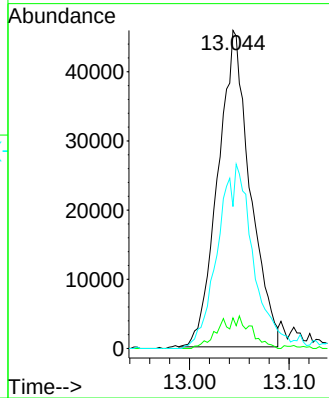
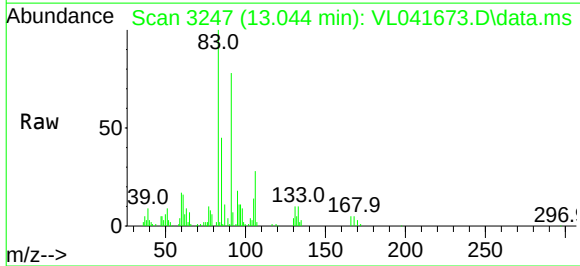
#63
1,1,2,2-Tetrachloroethane
Concen: 0.526 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:	83	Resp:	102900
Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.3
85	65.1	32.6	98.0

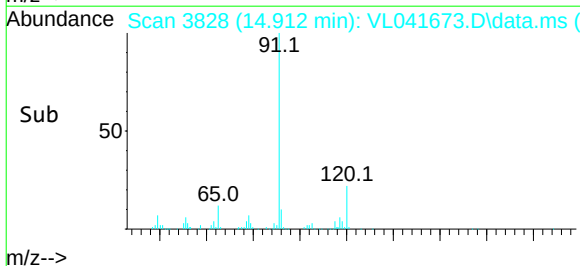
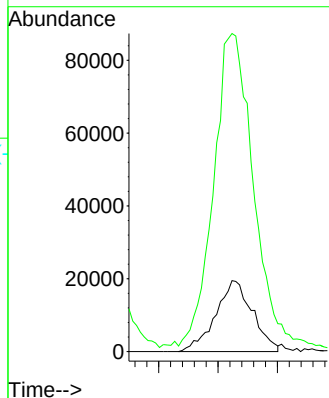
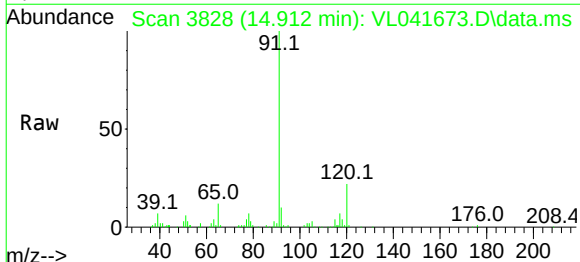
Manual Integrations
APPROVED

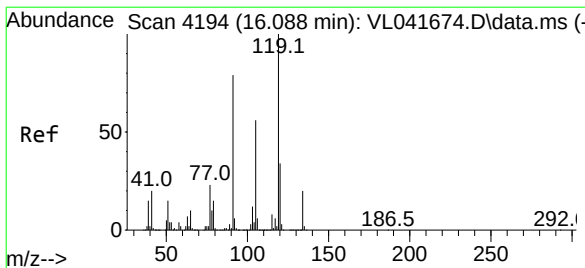
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#64
n-propylbenzene
Concen: 0.388 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion:	120	Resp:	42096
Ion	Ratio	Lower	Upper
120	100		
91	511.6	362.4	543.6





#65

tert-Butylbenzene

Concen: 0.413 ppbv m

RT: 16.085 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:119 Resp: 153820

Ion Ratio Lower Upper

119 100

91 84.6 64.3 96.5

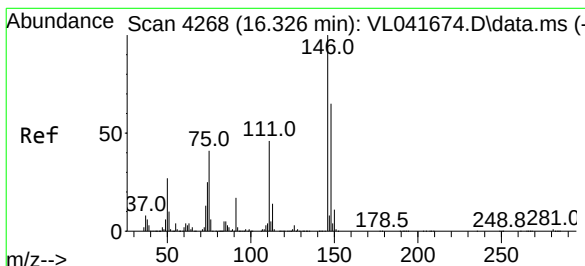
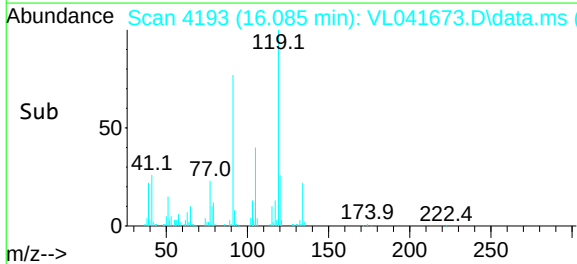
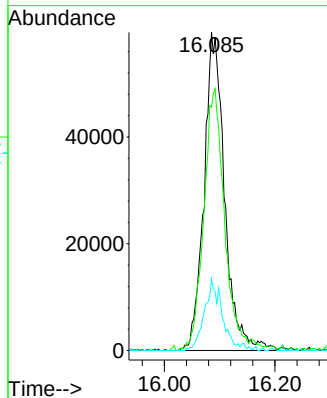
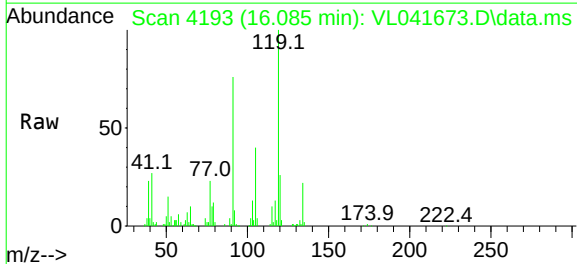
134 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#66

Benzyl Chloride

Concen: 0.475 ppbv m

RT: 16.330 min Scan# 4269

Delta R.T. 0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

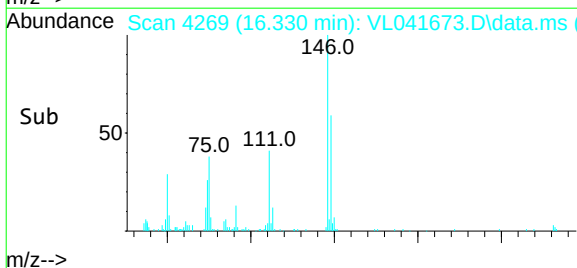
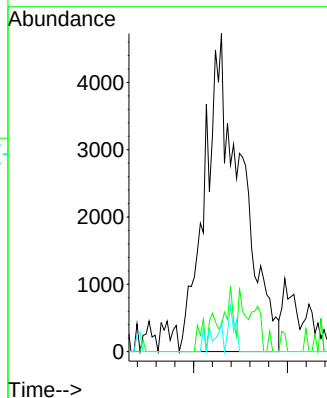
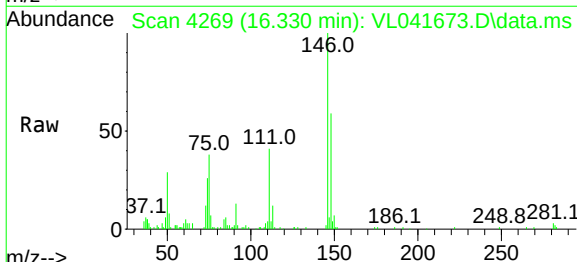
Tgt Ion: 91 Resp: 12743

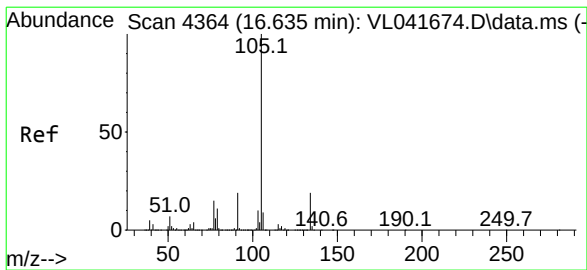
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

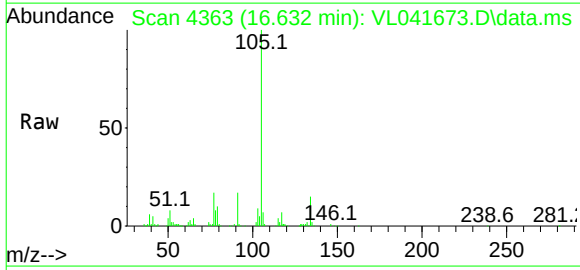
128 0.0 4.3 6.5#





#67
sec-Butylbenzene
Concen: 0.417 ppbv m
RT: 16.632 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

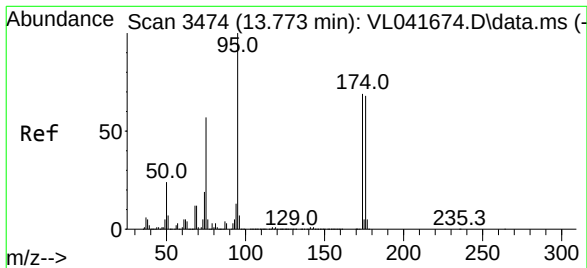
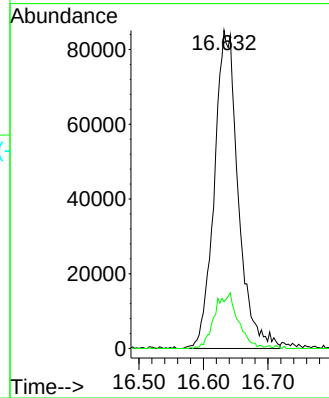
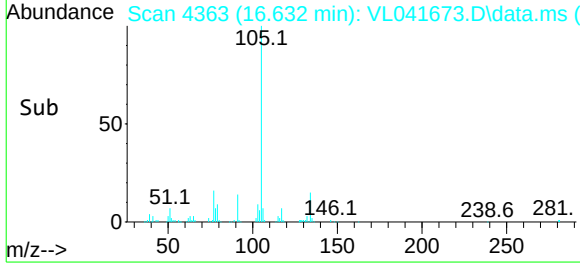
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 105 Resp: 219138
Ion Ratio Lower Upper
105 100
134 0.0 14.6 22.0#

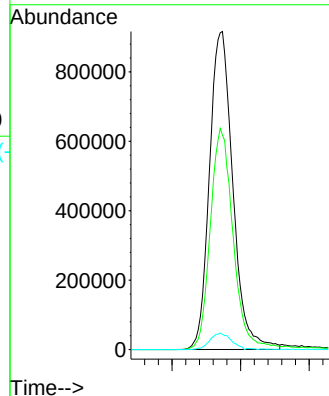
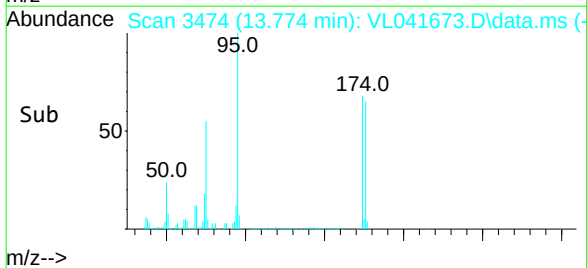
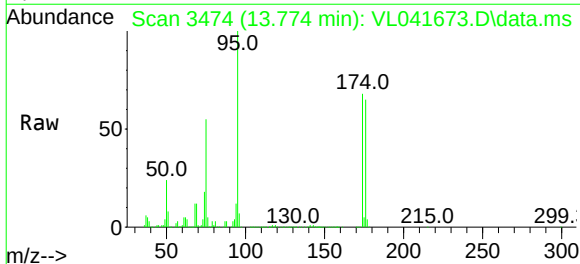
Manual Integrations
APPROVED

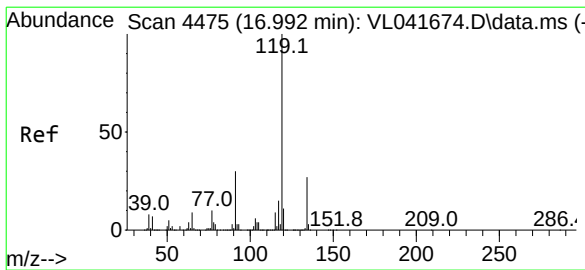
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.343 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

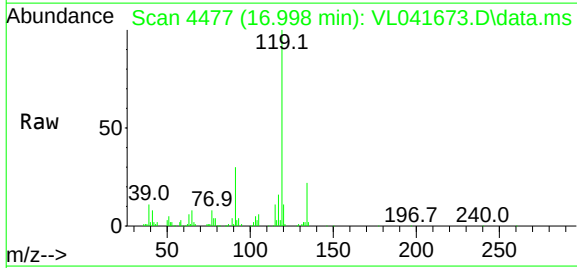
Tgt Ion: 95 Resp: 2171666
Ion Ratio Lower Upper
95 100
174 69.1 55.6 83.4
175 4.9 4.2 6.2





#69
p-Isopropyltoluene
Concen: 0.383 ppbv m
RT: 16.998 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

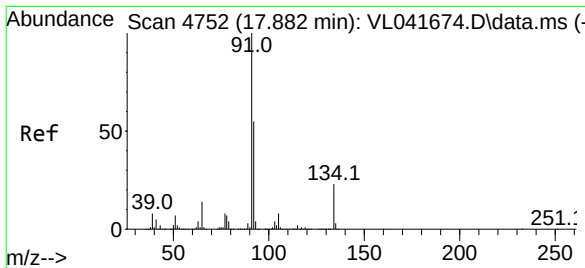
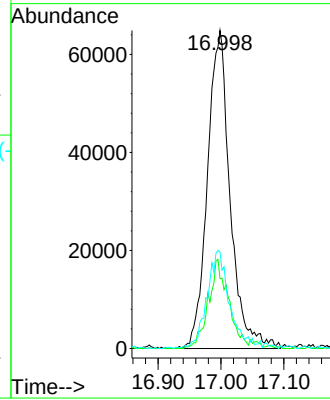
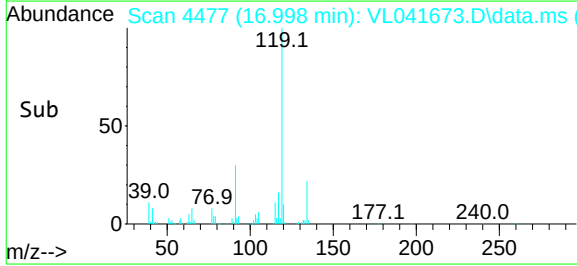
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



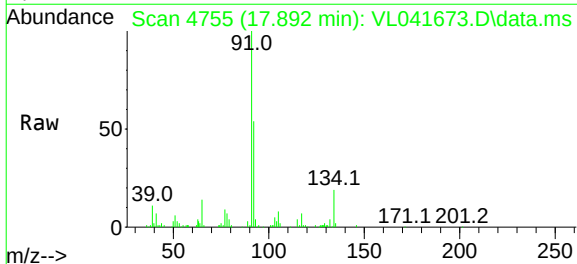
Tgt Ion: 119 Resp: 162889
Ion Ratio Lower Upper
119 100
134 26.2 20.8 31.2
91 30.9 23.2 34.8

Manual Integrations
APPROVED

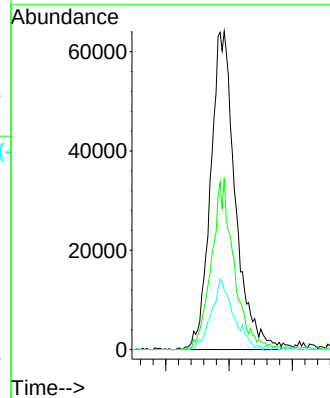
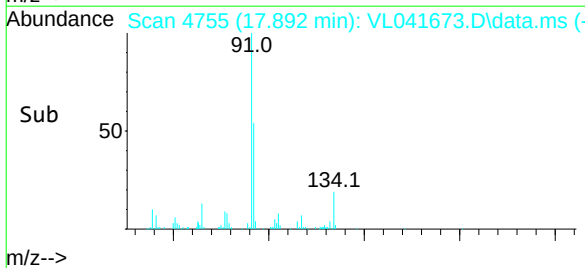
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

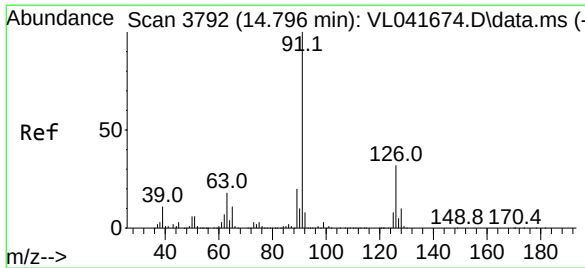


#70
n-Butylbenzene
Concen: 0.400 ppbv m
RT: 17.892 min Scan# 4755
Delta R.T. 0.010 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36



Tgt Ion: 91 Resp: 174104
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 20.5 18.4 27.6





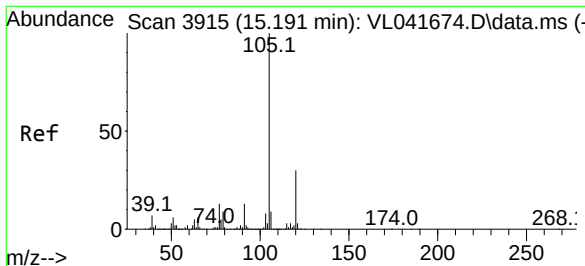
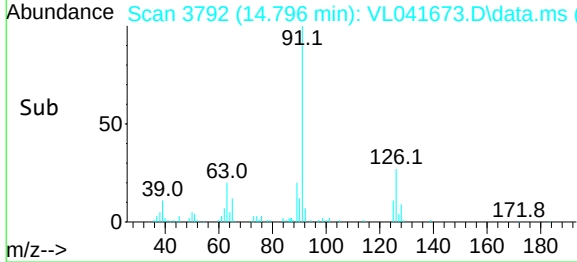
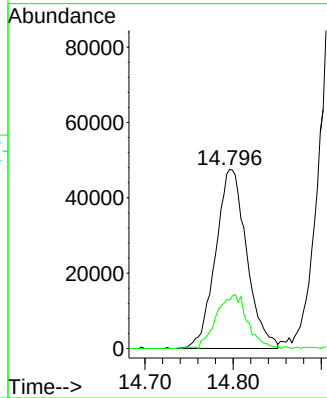
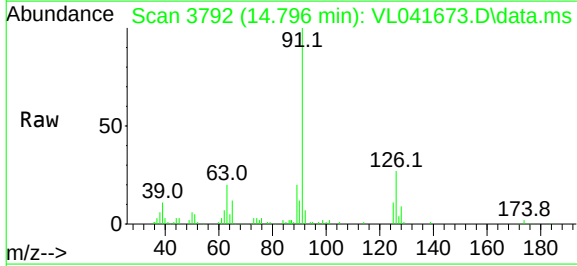
#71
2-Chlorotoluene
Concen: 0.388 ppbv
RT: 14.796 min Scan# 3792
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 116286
Ion Ratio Lower Upper
91 100
126 30.9 12.8 51.0

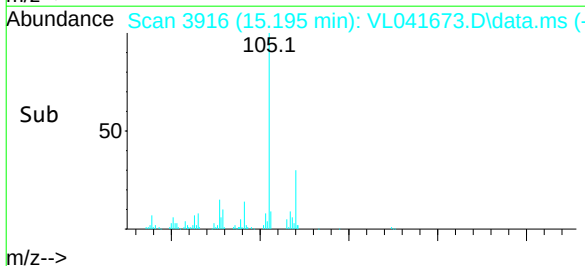
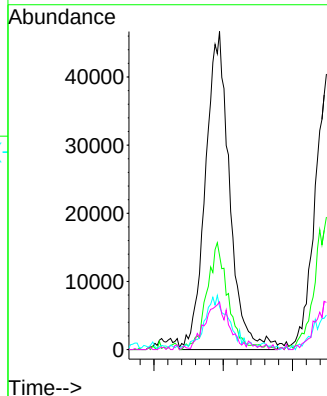
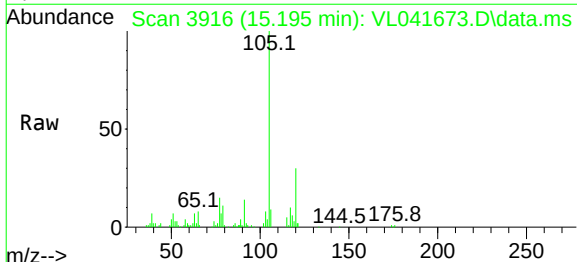
Manual Integrations
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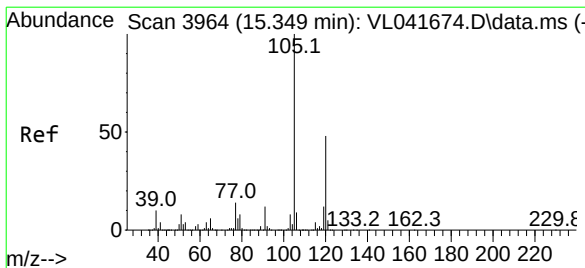
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 0.362 ppbv m
RT: 15.195 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion:105 Resp: 112958
Ion Ratio Lower Upper
105 100
120 29.8 25.0 37.4
91 18.7 10.6 15.8#
77 16.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 0.378 ppbv m

RT: 15.352 min Scan# 39

Delta R.T. 0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 103385

Ion Ratio Lower Upper

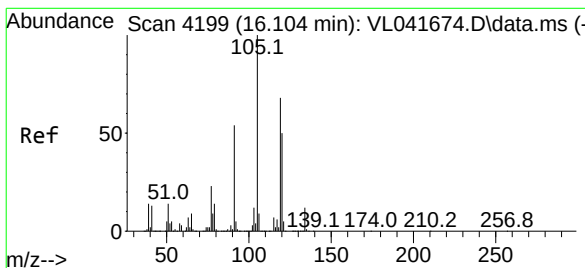
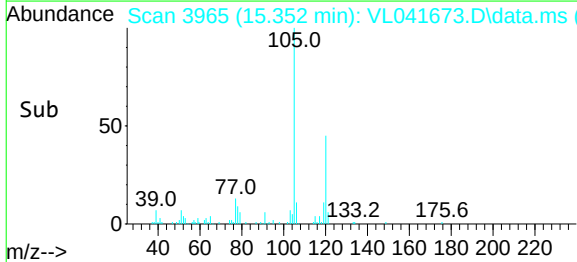
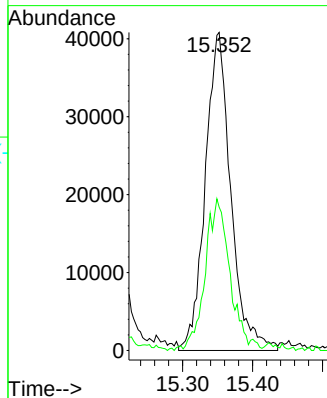
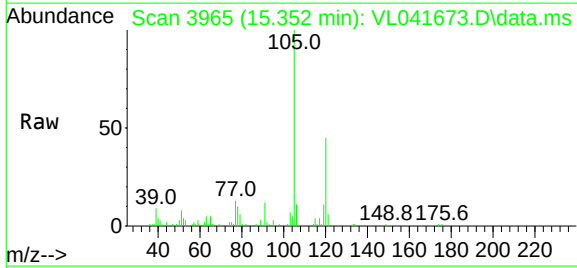
105 100

120 45.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.434 ppbv m

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Tgt Ion:105 Resp: 138056

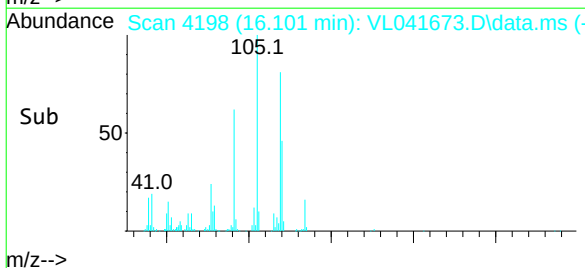
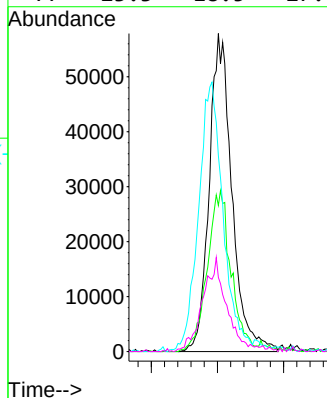
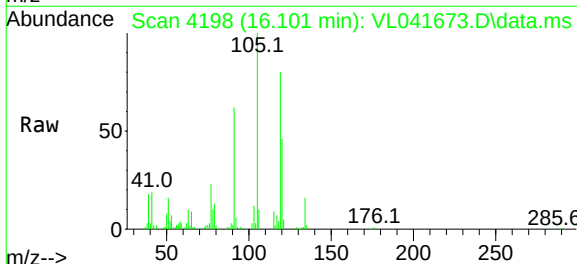
Ion Ratio Lower Upper

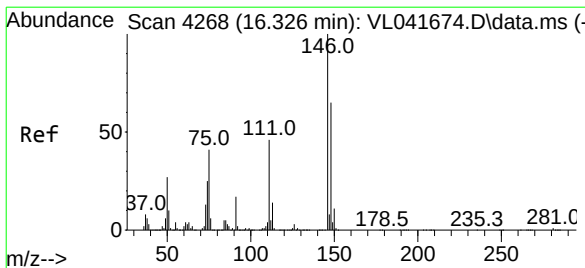
105 100

120 46.0 39.8 59.8

91 61.6 43.2 64.8

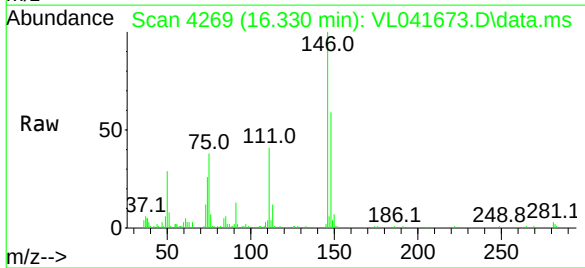
77 23.3 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 0.456 ppbv m
RT: 16.330 min Scan# 4268
Delta R.T. 0.003 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

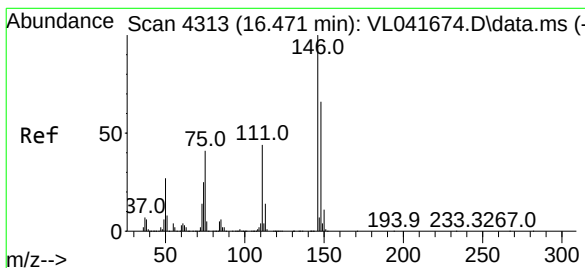
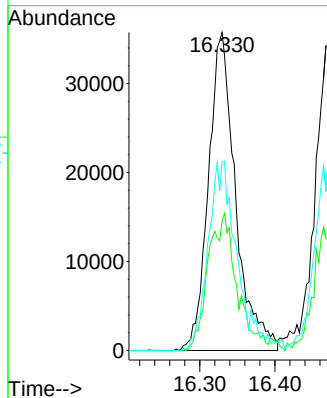
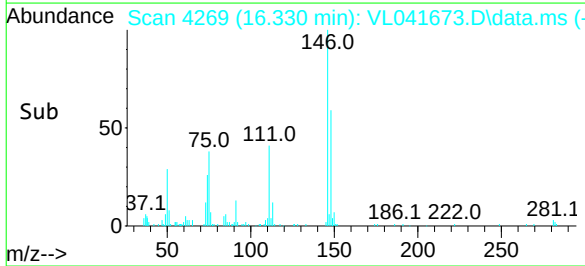
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:146 Resp: 89636
Ion Ratio Lower Upper
146 100
111 47.1 22.8 68.3
148 64.0 32.4 97.0

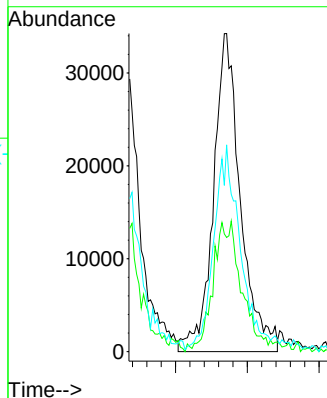
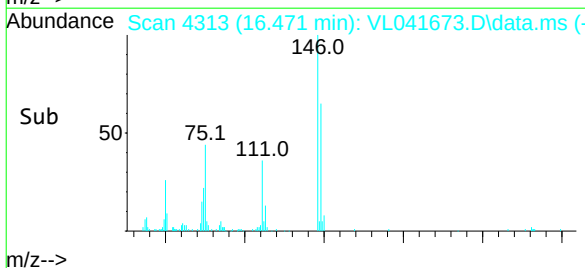
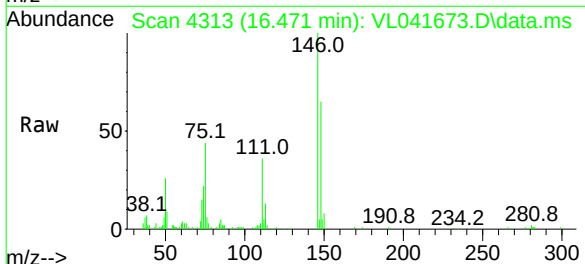
Manual Integrations
APPROVED

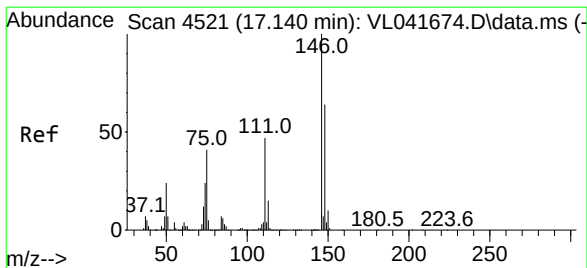
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#76
1,4-Dichlorobenzene
Concen: 0.463 ppbv m
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Tgt Ion:146 Resp: 89481
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 66.2 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 0.488 ppbv m

RT: 17.143 min Scan# 4521

Delta R.T. 0.003 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Instrument :

MSVOA_L

ClientSampleId :

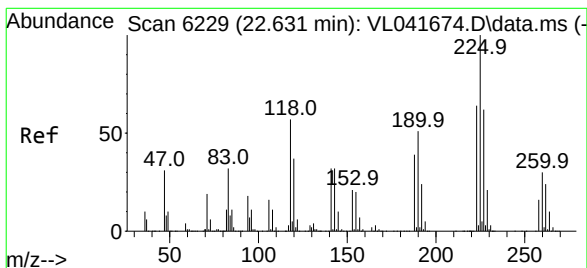
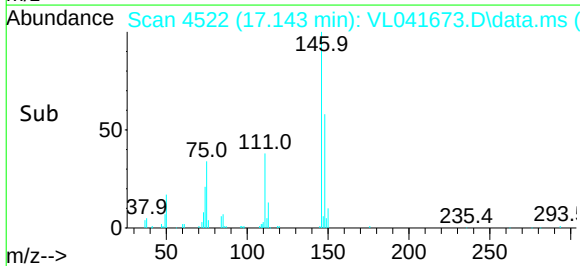
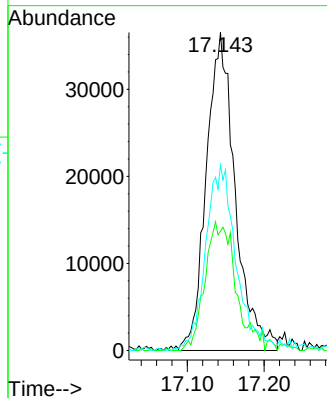
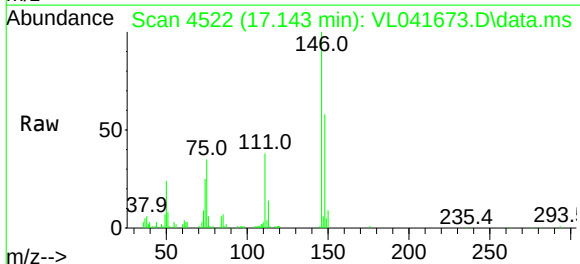
VSTDIC0.5

Tgt Ion:	146	Resp:	95149
Ion Ratio	Lower	Upper	
146	100		
111	45.2	23.4	70.3
148	61.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.544 ppbv m

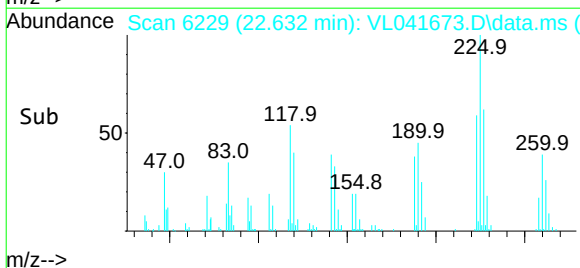
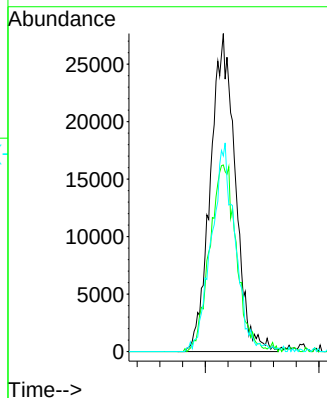
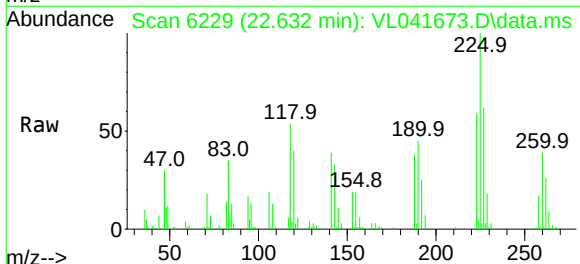
RT: 22.632 min Scan# 6229

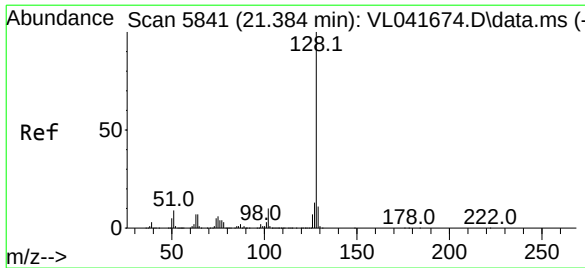
Delta R.T. 0.000 min

Lab File: VL041673.D

Acq: 7 Nov 2024 9:36

Tgt Ion:	225	Resp:	84025
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.1	76.7#
227	0.0	51.3	76.9#





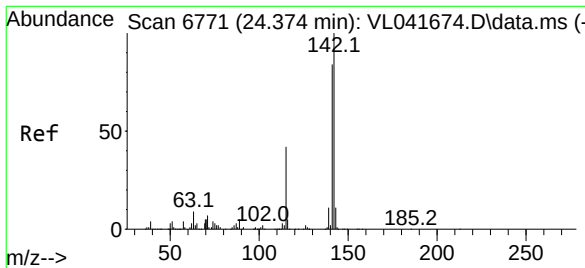
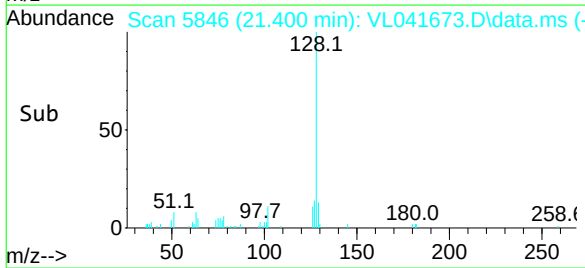
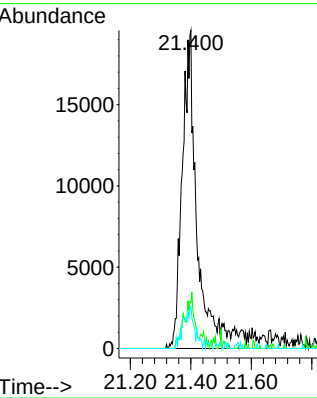
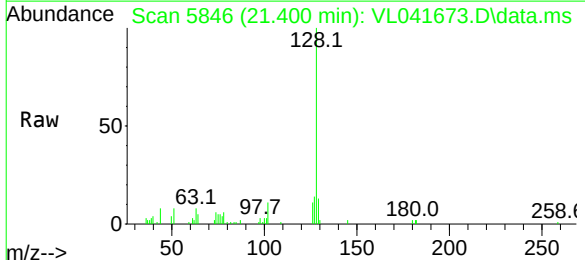
#79
Naphthalene
Concen: 0.362 ppbv m
RT: 21.400 min Scan# 5841
Delta R.T. 0.016 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion	128	Resp	70899
Ion Ratio	100		
127	14.4	10.5	15.7
129	13.1	8.7	13.1

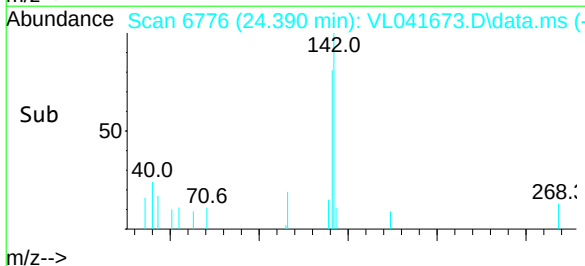
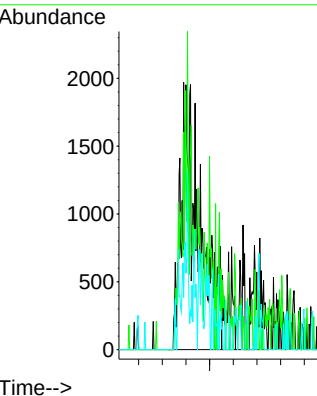
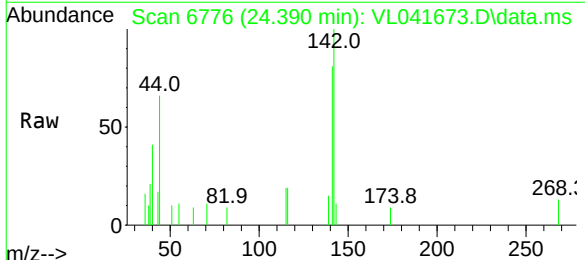
Manual Integrations
APPROVED

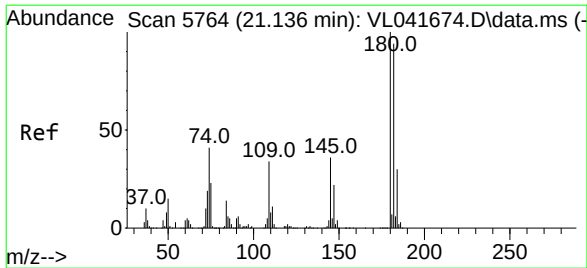
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#80
Naphthalene, 2-methyl-
Concen: 0.386 ppbv m
RT: 24.390 min Scan# 6776
Delta R.T. 0.016 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

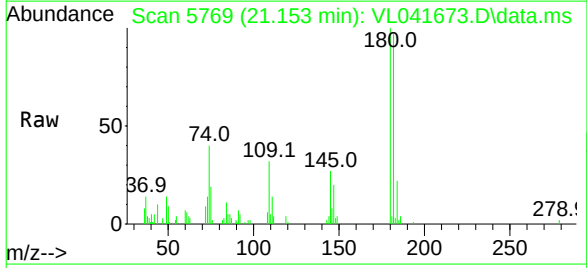
Tgt Ion	142	Resp	14004
Ion Ratio	100		
141	36.1	68.1	102.1
115	14.8	33.1	49.7





#81
1,2,4-Trichlorobenzene
Concen: 0.392 ppbv m
RT: 21.153 min Scan# 5769
Delta R.T. 0.016 min
Lab File: VL041673.D
Acq: 7 Nov 2024 9:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:	180	Resp:	47739
Ion Ratio	Lower	Upper	
180	100		
182	0.0	78.2	117.2#
184	28.5	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

