

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041676.D
 Acq On : 7 Nov 2024 11:34
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 00:10:33 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

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

Internal Standards						
1) Bromochloromethane	5.185	49	1184622	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3332226	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3067671	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2285234 10.073 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	181618	0.848	ppbv	98
3) Chlorodifluoromethane	2.671	51	164131	1.063	ppbv	100
4) Chloromethane	2.812	50	86683	1.060	ppbv	100
5) Vinyl Chloride	2.915	62	78147	1.055	ppbv	100
6) Bromomethane	3.118	94	38811	0.995	ppbv	89
7) Chloroethane	3.195	64	27451	1.023	ppbv	94
8) Dichlorotetrafluoroethane	2.854	85	198669	1.039	ppbv	99
9) Propene	2.690	41	72231	1.074	ppbv	95
10) Heptane	7.574	43	148906	0.988	ppbv	96
11) Trichlorofluoromethane	3.562	101	194775	1.044	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	141527	1.044	ppbv	98
13) Ethanol	3.256	45	3961	0.947	ppbv #	48
14) Bromoethene	3.359	108	55094	1.011	ppbv #	92
15) Acetone	3.475	43	166255	1.140	ppbv	99
16) 1,3-Butadiene	2.980	39	67777m	0.927	ppbv	
17) tert-Butyl alcohol	3.883	59	153265	1.198	ppbv	99
18) 1,1-Dichloroethene	3.873	96	58180	0.979	ppbv	97
19) Isopropyl Alcohol	3.584	45	82398	1.168	ppbv #	91
20) Methylene Chloride	3.928	84	59394	1.107	ppbv	96
21) Allyl Chloride	3.992	41	95568	1.061	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	60981m	1.028	ppbv	
23) Vinyl Acetate	4.626	43	66087m	0.964	ppbv	
24) 1,1-Dichloroethane	4.555	63	132214	1.002	ppbv	99
25) Ethyl Acetate	5.205	43	316814	1.050	ppbv	98
26) Hexane	5.208	57	122113	1.053	ppbv	94
27) Carbon Disulfide	4.121	76	125113	0.961	ppbv	97
28) Methyl tert-Butyl Ether	4.587	73	79309	1.062	ppbv	98
29) Chloroform	5.269	83	197891	1.034	ppbv	100
30) Cyclohexane	6.597	84	88127	0.946	ppbv	89
31) cis-1,2-Dichloroethene	5.073	61	115115	1.032	ppbv	94
32) 1,1,1-Trichloroethane	5.996	97	186425	1.063	ppbv	100
34) 2-Butanone	4.790	43	166525	1.004	ppbv	99
35) Carbon Tetrachloride	6.491	117	187475	1.064	ppbv	96
36) Benzene	6.369	78	250318	1.014	ppbv	98
37) 1,2-Dichloroethane	5.803	62	144449	1.037	ppbv	100
38) Trichloroethene	7.288	130	96191	1.010	ppbv	93
39) 1,2-Dichloropropane	7.069	63	99780	1.023	ppbv	91
40) 1,4-Dioxane	7.311	88	35039m	1.014	ppbv	
41) Tetrahydrofuran	5.571	42	93643	0.989	ppbv	99
42) Bromodichloromethane	7.246	83	188568	0.974	ppbv	100
43) Methyl Methacrylate	7.478	69	78902	0.910	ppbv	90
44) 2,2,4-Trimethylpentane	7.327	57	435343	1.041	ppbv	98
45) t-1,3-Dichloropropene	8.709	75	70088m	0.904	ppbv	

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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

Quant Time: Nov 08 00:10:33 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	101425	0.901	ppbv	95
47) 1,1,2-Trichloroethane	8.896	97	104883	0.997	ppbv	92
48) Dibromochloromethane	9.709	129	152757	0.952	ppbv	99
49) Bromoform	12.400	173	127488m	0.931	ppbv	
50) 4-Methyl-2-Pentanone	8.188	43	250885	0.985	ppbv	99
51) 2-Hexanone	9.571	43	165158	0.892	ppbv #	100
52) Tetrachloroethene	10.610	164	92977	1.102	ppbv	93
53) Toluene	9.217	91	253501	0.976	ppbv	98
54) 1,2-Dibromoethane	10.008	107	122096	0.994	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.510	131	133283	1.043	ppbv #	1
57) Chlorobenzene	11.523	112	239417	1.047	ppbv	97
58) Ethyl Benzene	12.089	91	334939	0.986	ppbv	91
59) m/p-Xylene	12.368	91	625077m	2.056	ppbv	
60) o-Xylene	13.053	91	293793	1.012	ppbv	100
61) Styrene	12.892	104	102947	0.859	ppbv	96
62) Isopropylbenzene	14.031	105	468382	1.045	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	226867	1.074	ppbv	97
64) n-propylbenzene	14.915	120	115677	0.987	ppbv	82
65) tert-Butylbenzene	16.092	119	424019	1.053	ppbv	98
66) Benzyl Chloride	16.326	91	26944m	0.929	ppbv	
67) sec-Butylbenzene	16.638	105	596449	1.051	ppbv	99
69) p-Isopropyltoluene	16.998	119	480893	1.048	ppbv	99
70) n-Butylbenzene	17.889	91	484367	1.030	ppbv	97
71) 2-Chlorotoluene	14.799	91	331921	1.024	ppbv	99
72) 4-Ethyltoluene	15.191	105	327541	0.972	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	290287	0.982	ppbv	93
74) 1,2,4-Trimethylbenzene	16.111	105	360083	1.047	ppbv #	89
75) 1,3-Dichlorobenzene	16.326	146	218228	1.028	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	203100	0.973	ppbv	95
77) 1,2-Dichlorobenzene	17.143	146	221404	1.050	ppbv	98
78) Hexachloro-1,3-Butadiene	22.632	225	190183m	1.140	ppbv	
79) Naphthalene	21.394	128	226301m	1.070	ppbv	
80) Naphthalene,2-methyl-	24.374	142	39140m	0.998	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	138641m	1.054	ppbv	

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

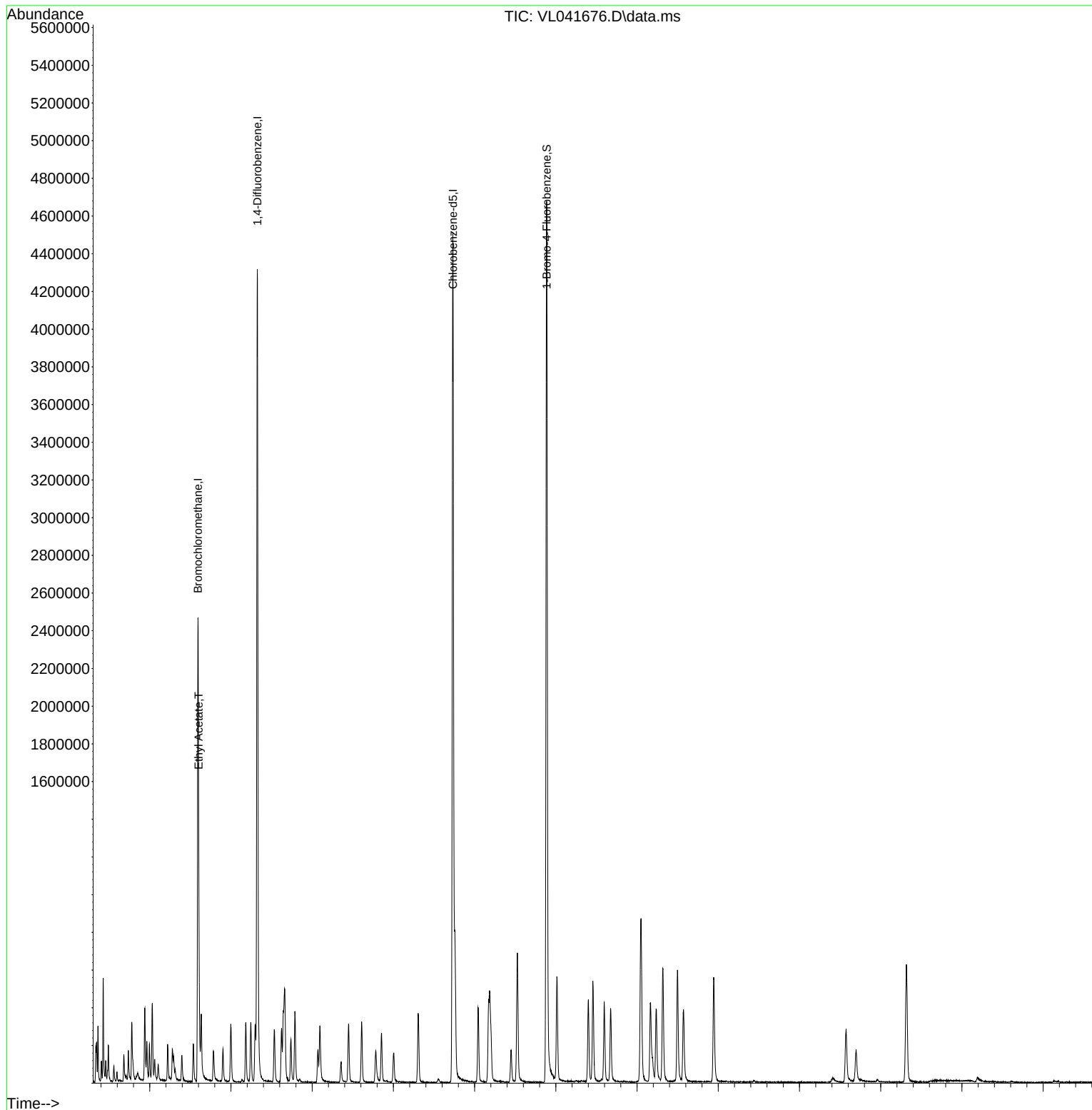
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
Data File : VL041676.D
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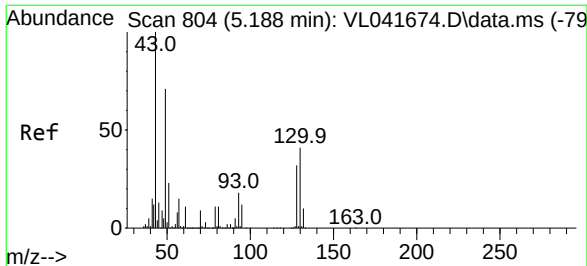
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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

Quant Time: Nov 08 00:10:33 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
Response via : Initial Calibration





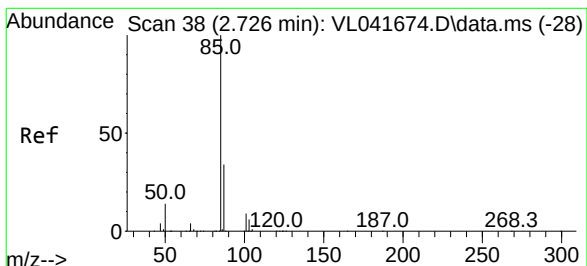
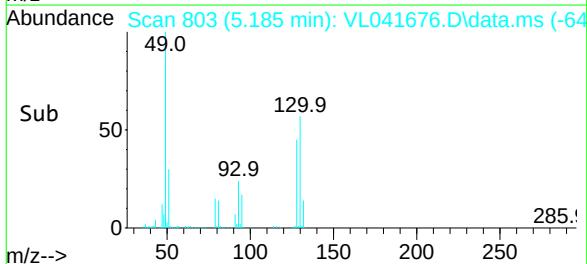
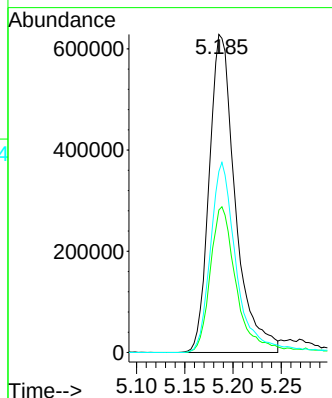
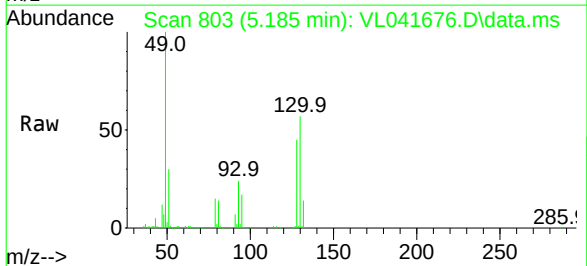
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 1184622
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 61.0 30.1 90.5

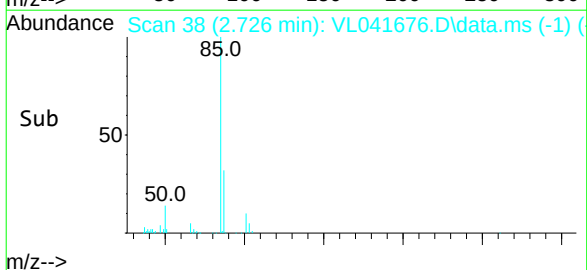
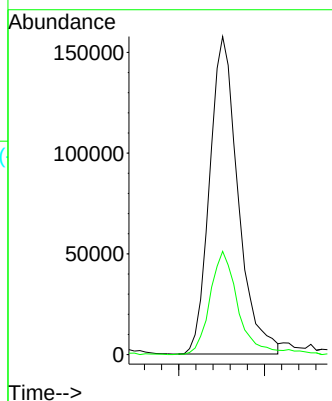
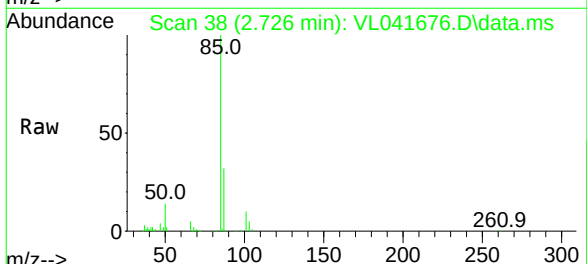
Manual Integrations
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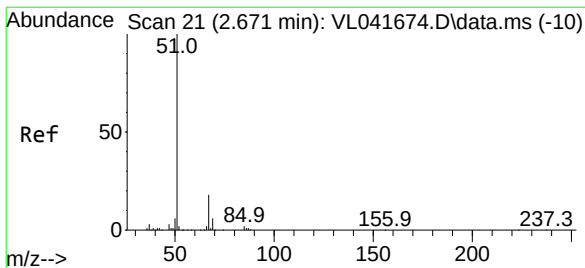
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 0.848 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

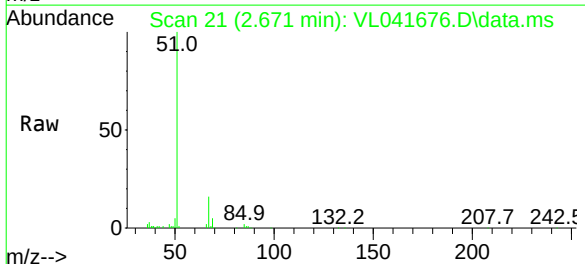
Tgt Ion: 85 Resp: 181618
Ion Ratio Lower Upper
85 100
87 32.3 26.8 40.2





#3
Chlorodifluoromethane
Concen: 1.063 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

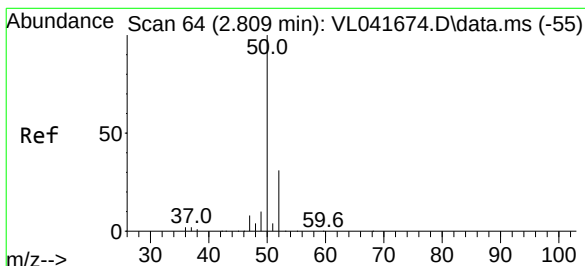
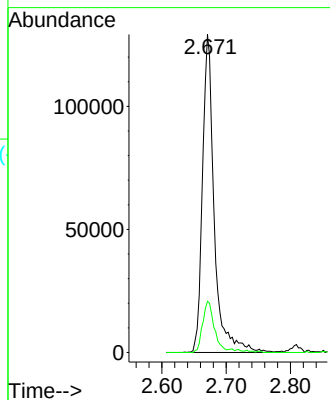
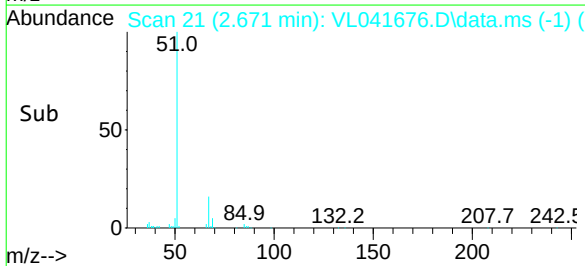
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 51 Resp: 164131
Ion Ratio Lower Upper
51 100
67 17.3 13.9 20.9

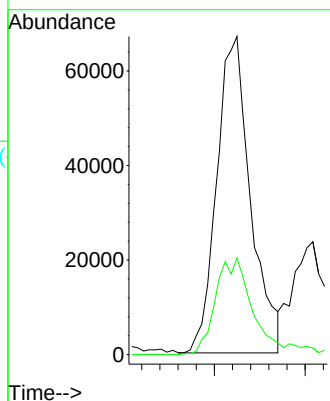
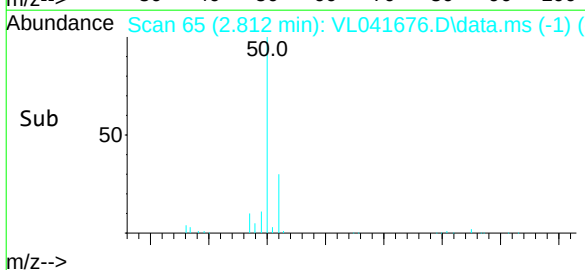
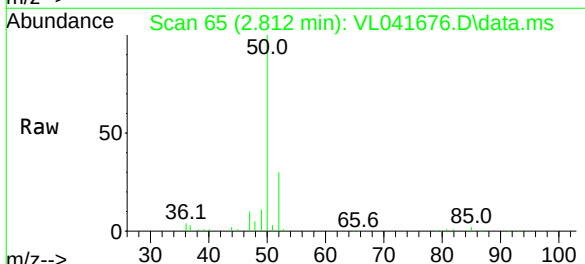
Manual Integrations
APPROVED

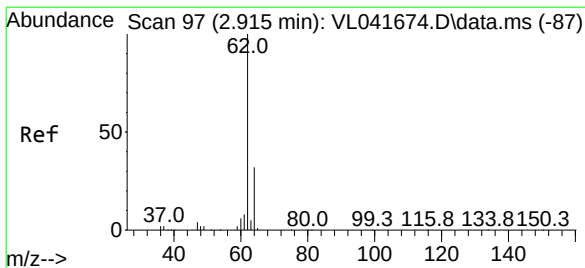
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 1.060 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 50 Resp: 86683
Ion Ratio Lower Upper
50 100
52 31.2 24.9 37.3





#5

Vinyl Chloride

Concen: 1.055 ppbv

RT: 2.915 min Scan# 97

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 78147

Ion Ratio Lower Upper

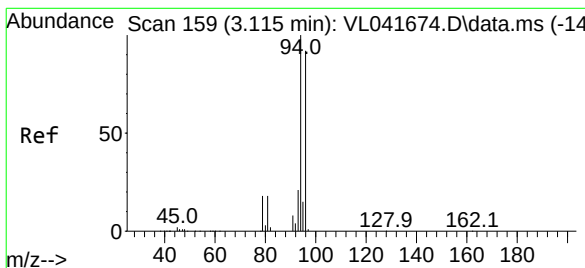
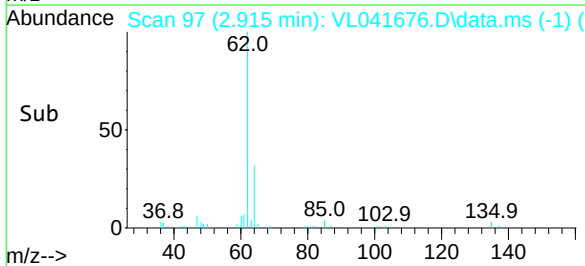
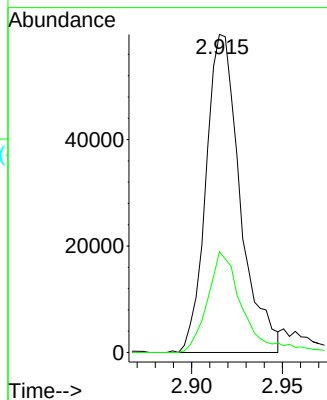
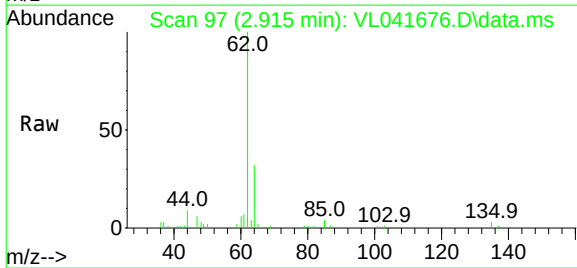
62 100

64 31.7 25.4 38.2

Manual Integrations

APPROVED

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



#6

Bromomethane

Concen: 0.995 ppbv

RT: 3.118 min Scan# 160

Delta R.T. 0.003 min

Lab File: VL041676.D

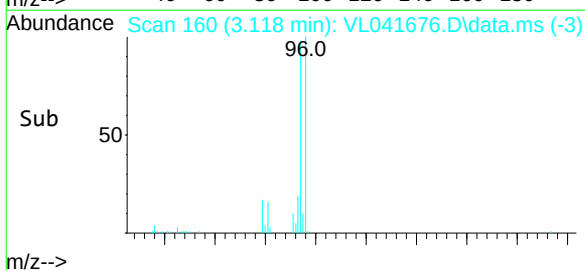
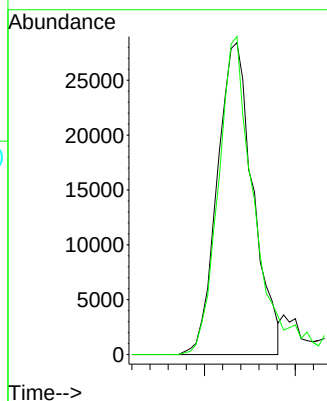
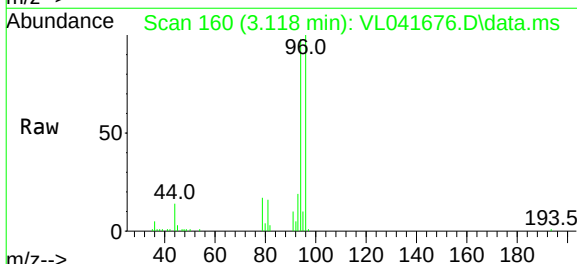
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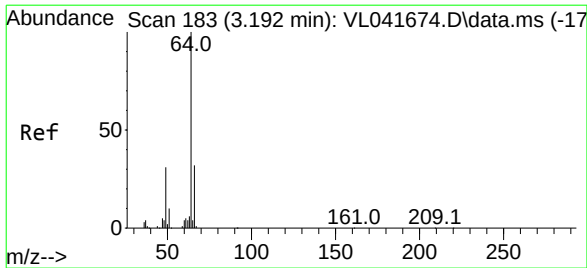
Tgt Ion: 94 Resp: 38811

Ion Ratio Lower Upper

94 100

96 102.0 73.4 110.2





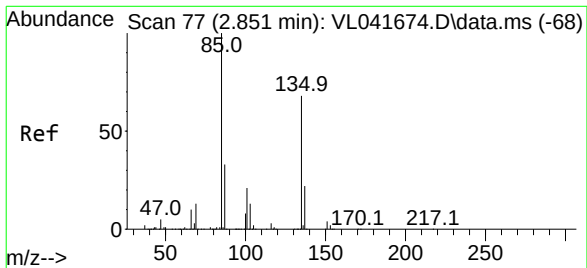
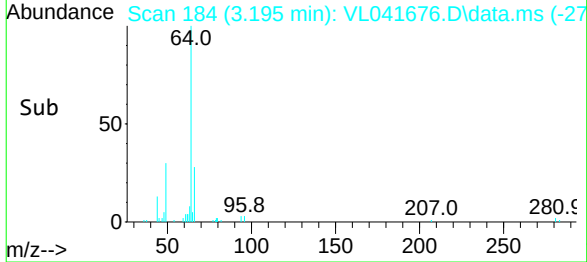
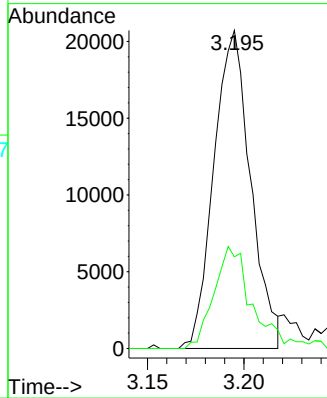
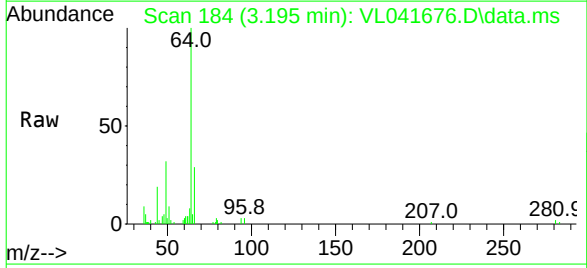
#7
Chloroethane
Concen: 1.023 ppbv
RT: 3.195 min Scan# 183
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 27451
Ion Ratio Lower Upper
64 100
66 28.8 25.9 38.9

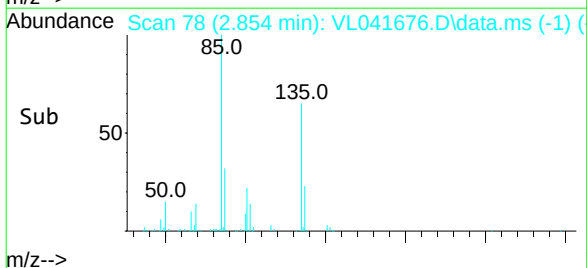
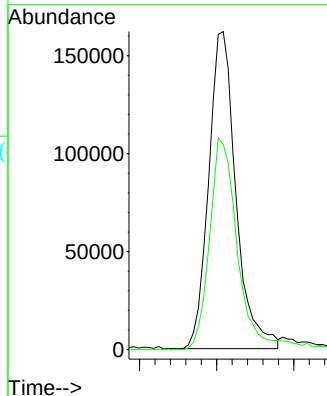
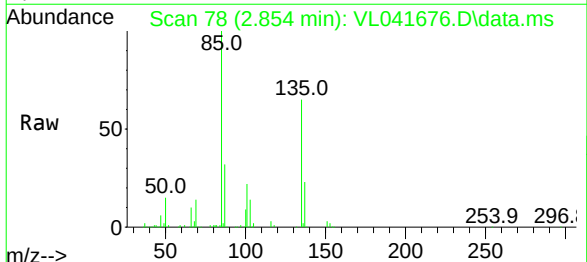
Manual Integrations
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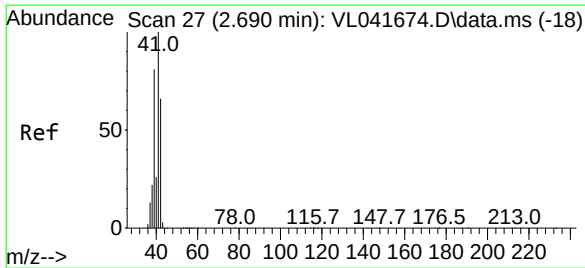
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 1.039 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 85 Resp: 198669
Ion Ratio Lower Upper
85 100
135 70.3 55.5 83.3





#9

Propene

Concen: 1.074 ppbv

RT: 2.690 min Scan# 27

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 72231

Ion Ratio Lower Upper

41 100

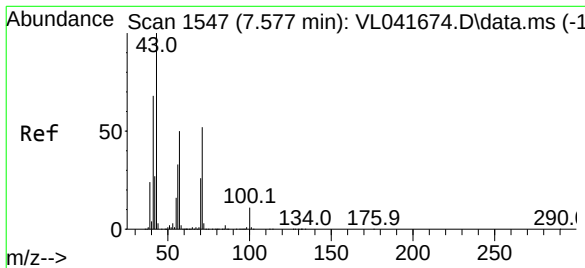
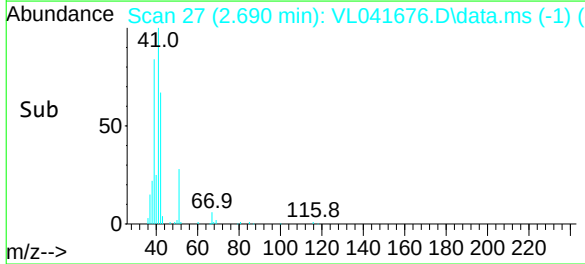
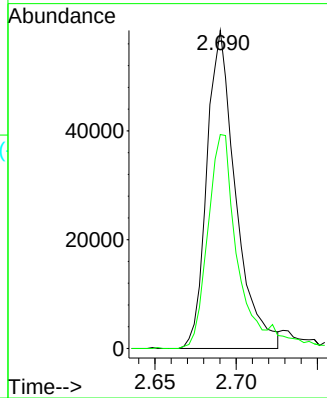
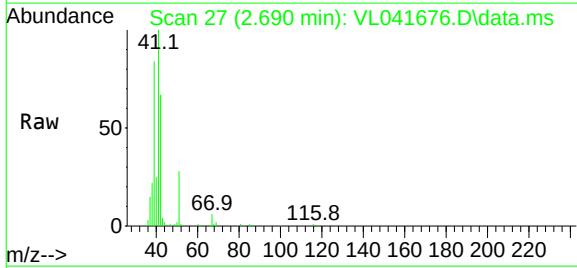
42 72.6 55.0 82.4

Manual Integrations

APPROVED

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#10

Heptane

Concen: 0.988 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.003 min

Lab File: VL041676.D

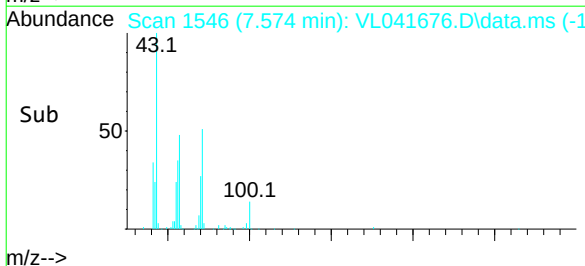
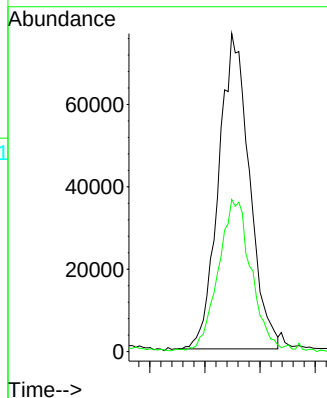
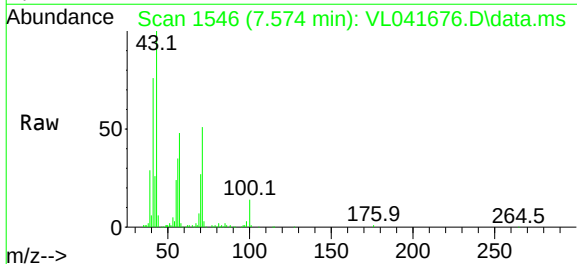
Acq: 7 Nov 2024 11:34

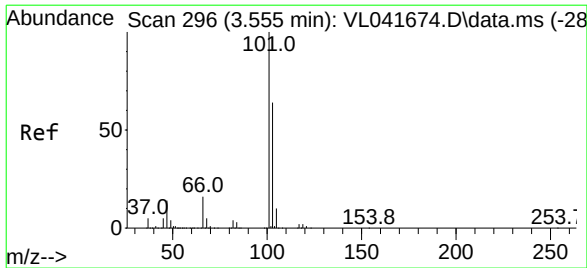
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Ion Ratio Lower Upper

43 100

57 52.6 40.0 60.0





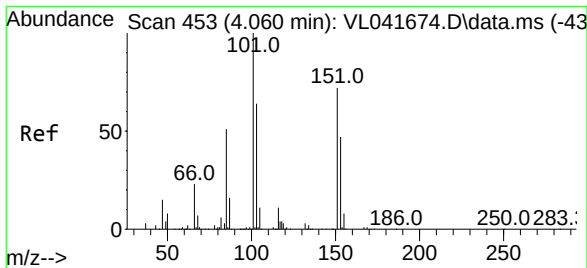
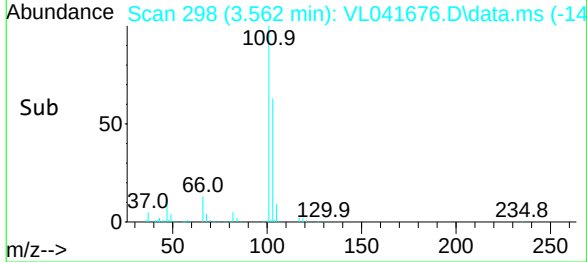
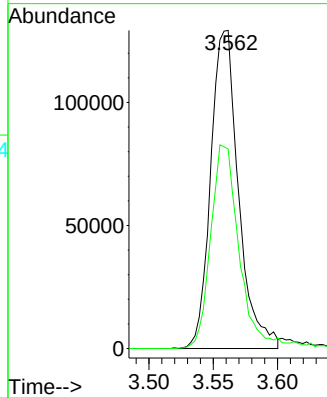
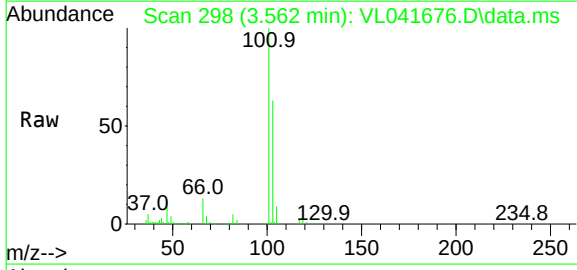
#11
Trichlorofluoromethane
Concen: 1.044 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.007 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 194775
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.6

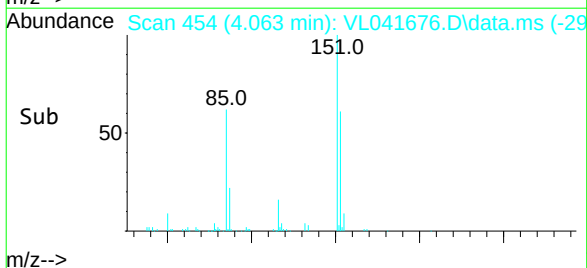
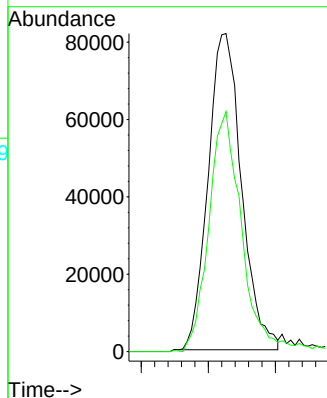
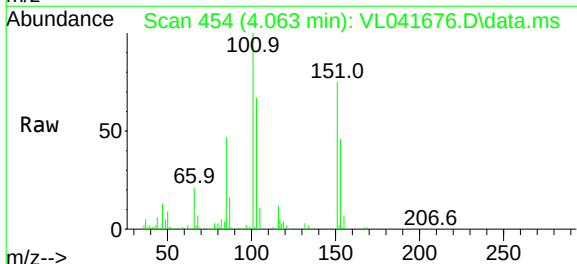
Manual Integrations
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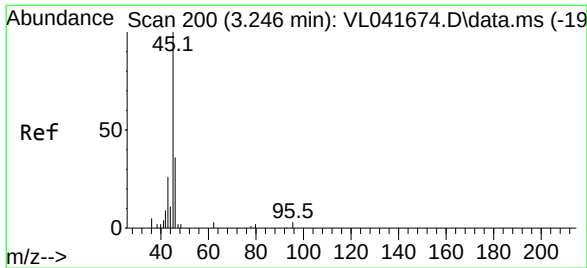
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.044 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion:101 Resp: 141527
Ion Ratio Lower Upper
101 100
151 75.7 59.1 88.7





#13

Ethanol

Concen: 0.947 ppbv

RT: 3.256 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 45 Resp: 3961

Ion Ratio Lower Upper

45 100

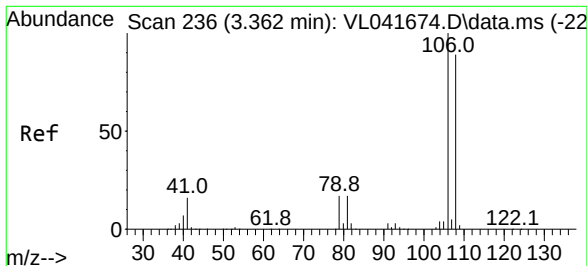
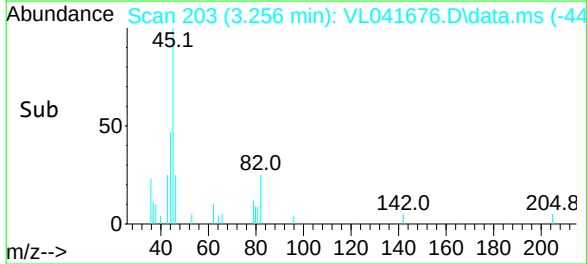
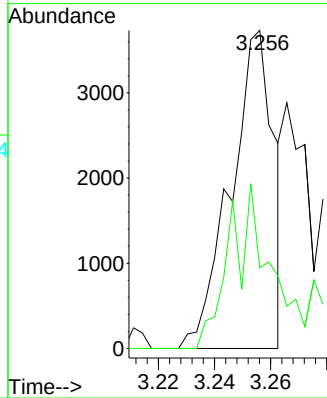
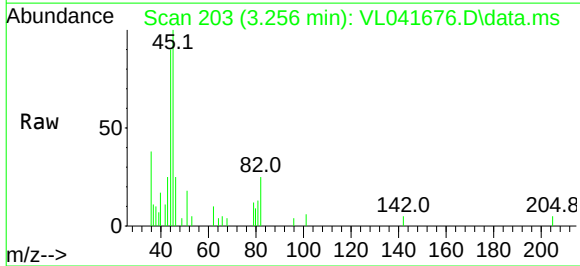
46 64.4 13.8 55.2#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#14

Bromoethene

Concen: 1.011 ppbv

RT: 3.359 min Scan# 235

Delta R.T. -0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

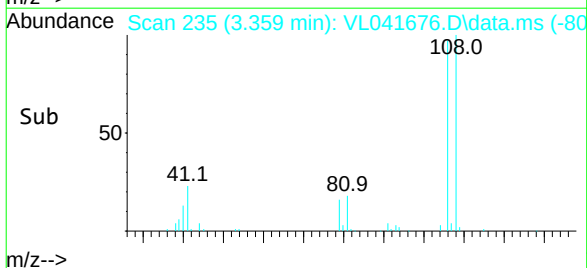
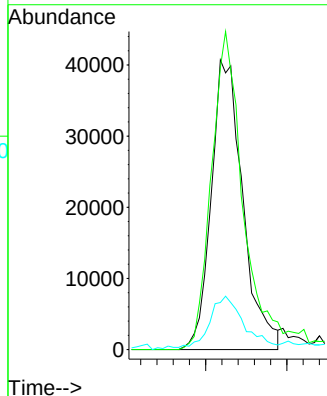
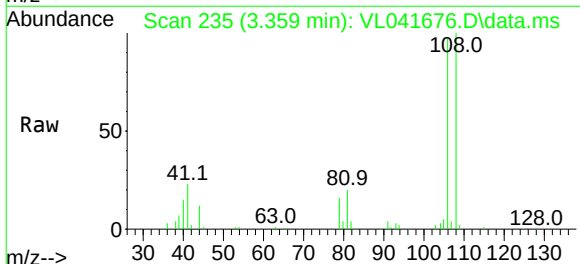
Tgt Ion:108 Resp: 55094

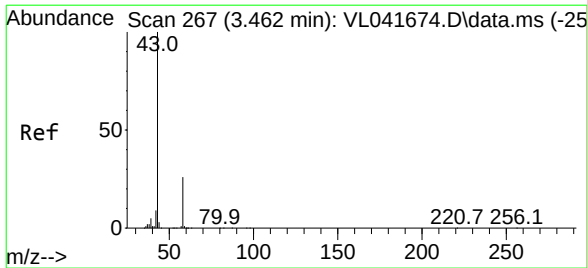
Ion Ratio Lower Upper

108 100

106 117.6 88.6 133.0

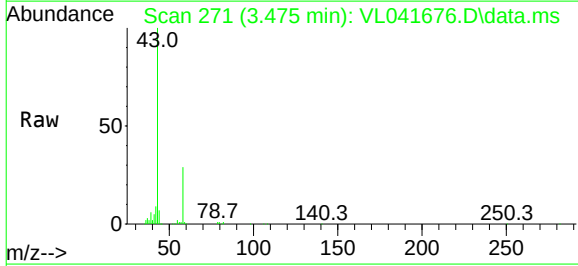
79 26.0 15.6 23.4#





#15
Acetone
Concen: 1.140 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.013 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

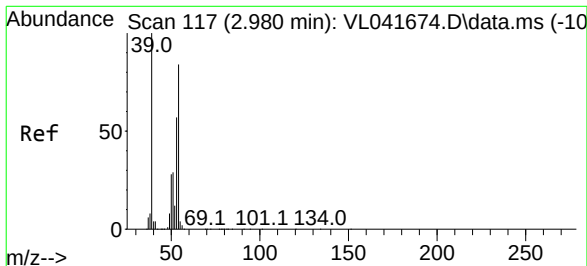
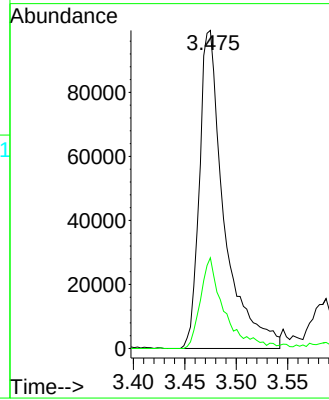
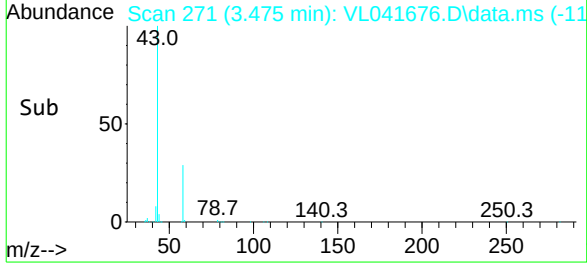
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 166255
Ion Ratio Lower Upper
43 100
58 27.3 21.4 32.0

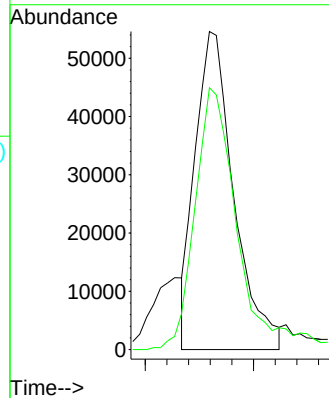
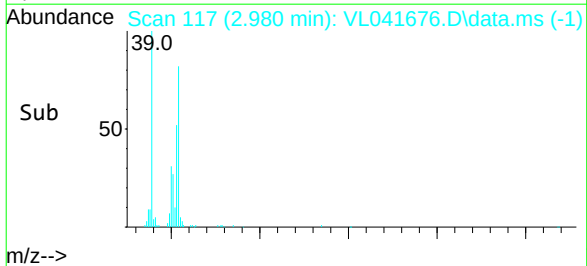
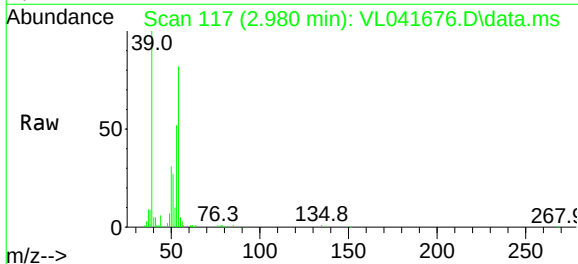
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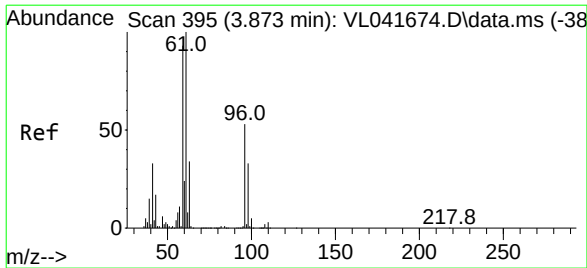
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 0.927 ppbv m
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 39 Resp: 67777
Ion Ratio Lower Upper
39 100
54 92.3 61.3 91.9#





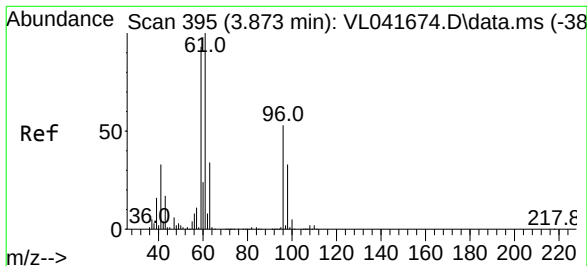
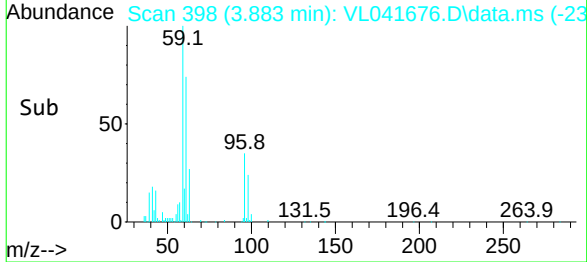
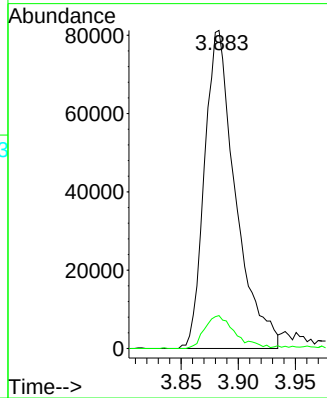
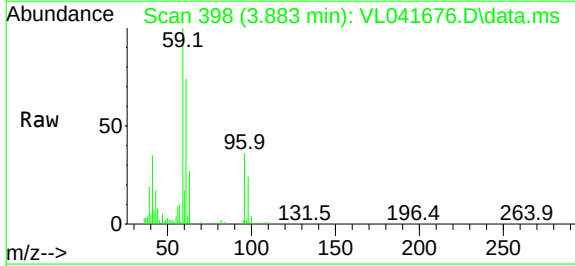
#17
tert-Butyl alcohol
Concen: 1.198 ppbv
RT: 3.883 min Scan# 395
Delta R.T. 0.010 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 153265
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

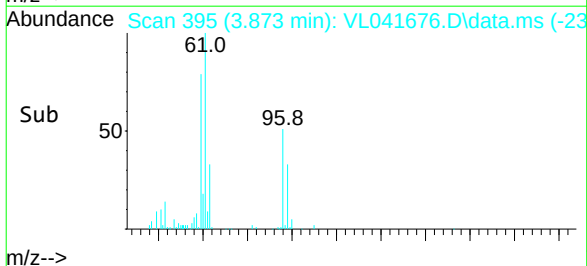
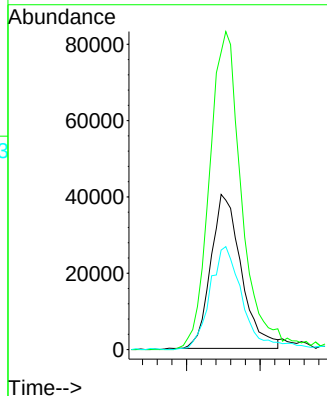
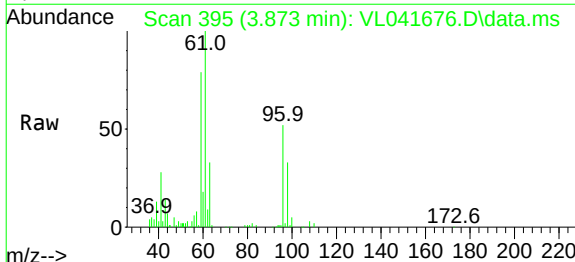
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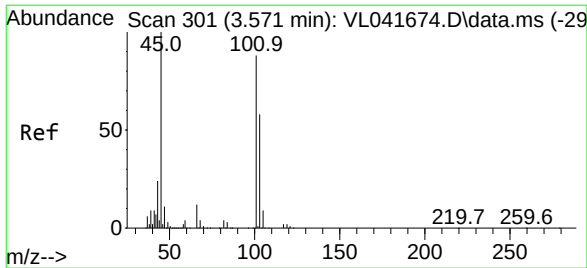
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#18
1,1-Dichloroethene
Concen: 0.979 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 96 Resp: 58180
Ion Ratio Lower Upper
96 100
61 191.9 150.7 226.1
98 64.0 49.4 74.2





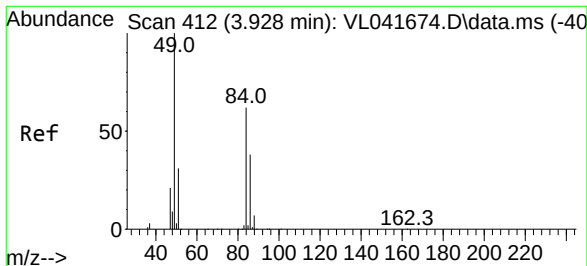
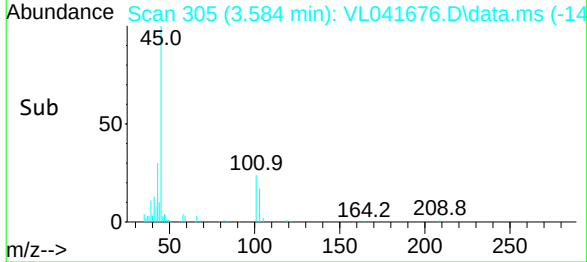
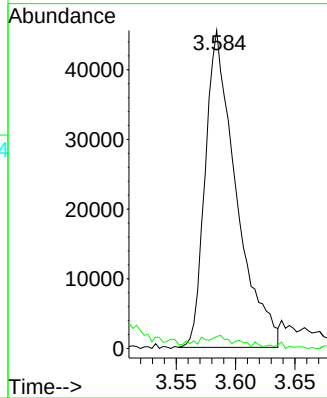
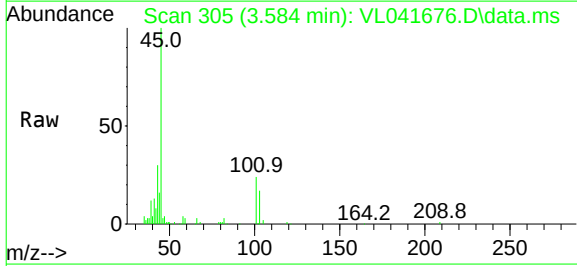
#19
Isopropyl Alcohol
Concen: 1.168 ppbv
RT: 3.584 min Scan# 301
Delta R.T. 0.013 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 82398
Ion Ratio Lower Upper
45 100
58 6.2 2.5 3.7#

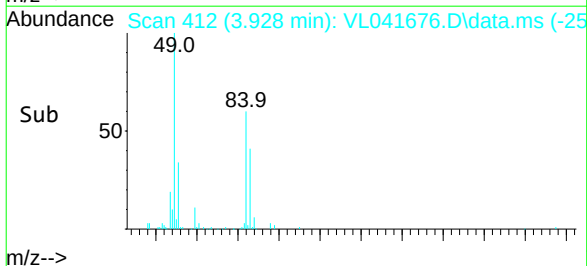
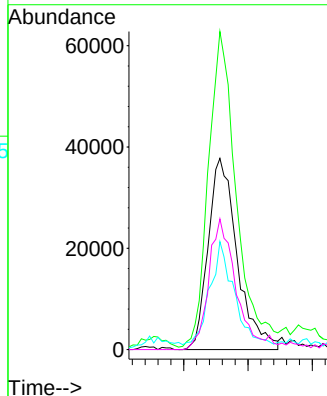
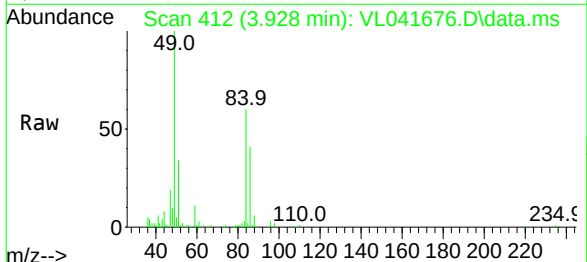
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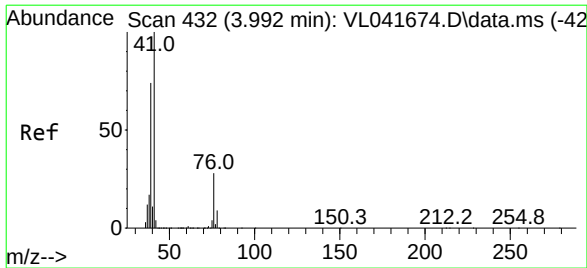
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 1.107 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 84 Resp: 59394
Ion Ratio Lower Upper
84 100
49 165.0 129.7 194.5
51 52.7 39.8 59.6
86 68.3 49.1 73.7





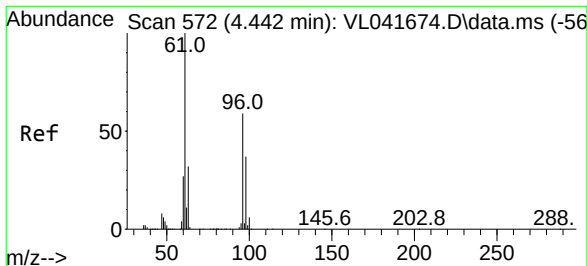
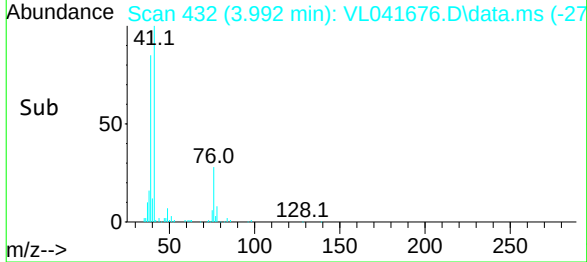
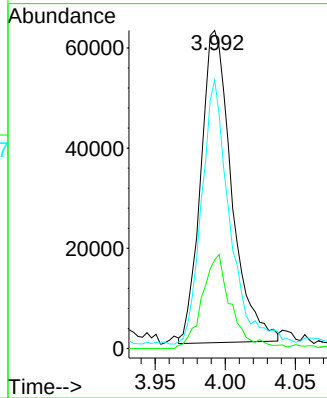
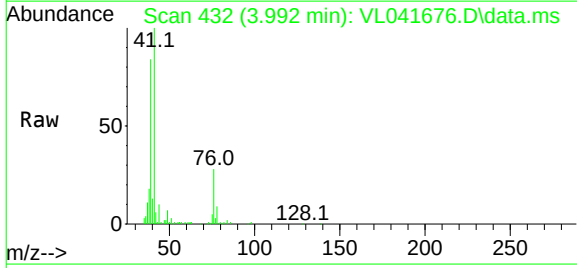
#21
 Allyl Chloride
 Concen: 1.061 ppbv
 RT: 3.992 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL041676.D
 Acq: 7 Nov 2024 11:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41	Resp: 95568
Ion Ratio	Lower Upper
41 100	
76 28.9	23.5 35.3
39 76.9	63.0 94.4

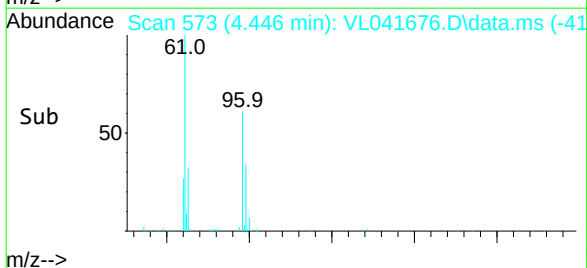
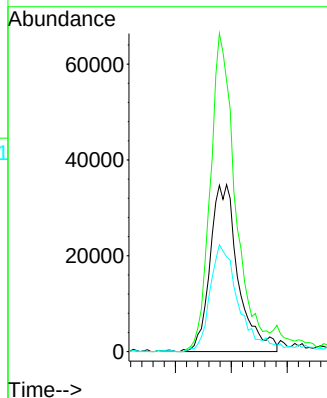
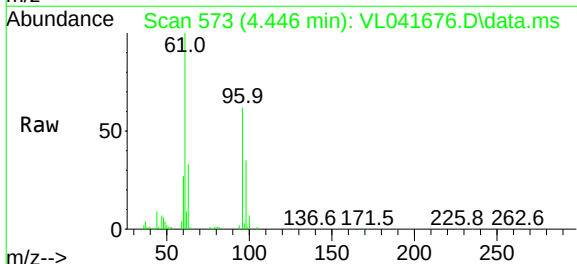
Manual Integrations
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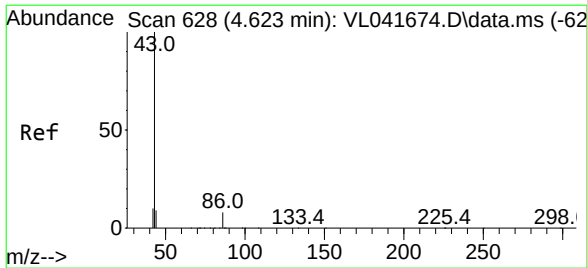
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 1.028 ppbv m
 RT: 4.446 min Scan# 573
 Delta R.T. 0.003 min
 Lab File: VL041676.D
 Acq: 7 Nov 2024 11:34

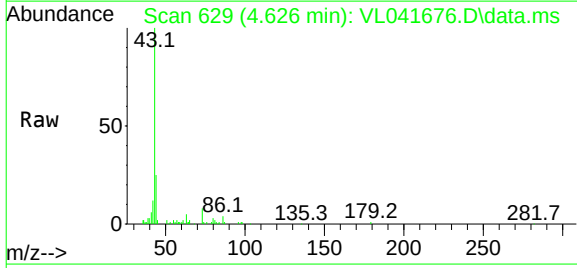
Tgt Ion: 96	Resp: 60981
Ion Ratio	Lower Upper
96 100	
61 162.5	134.5 201.7
98 56.8	49.6 74.4





#23
 Vinyl Acetate
 Concen: 0.964 ppbv m
 RT: 4.626 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VL041676.D
 Acq: 7 Nov 2024 11:34

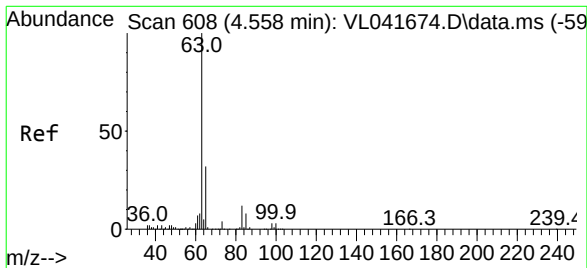
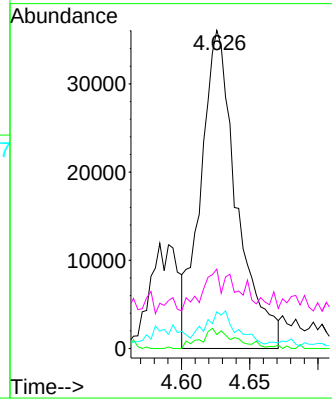
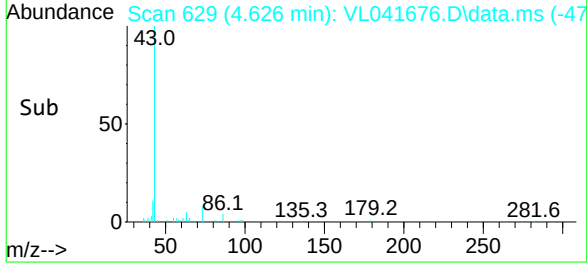
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



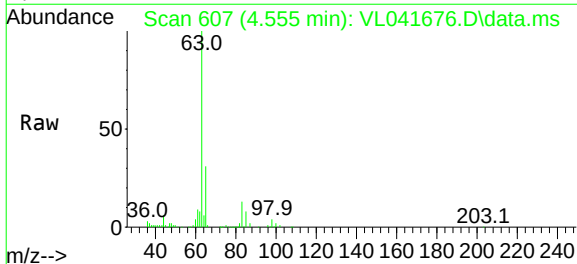
Tgt Ion: 43 Resp: 66087
 Ion Ratio Lower Upper
 43 100
 86 4.4 5.3 7.9#
 42 11.5 8.5 12.7
 44 25.0 6.7 10.1#

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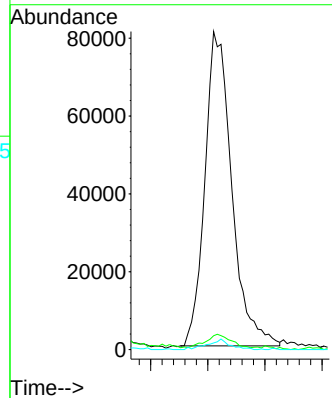
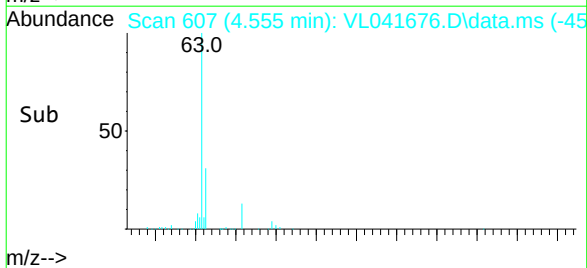
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

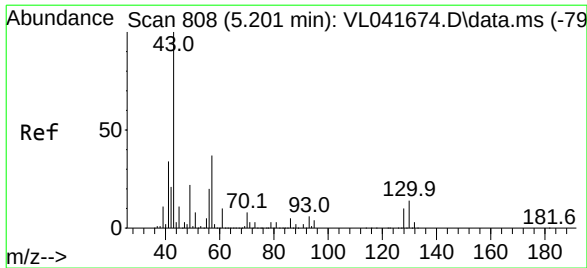


#24
 1,1-Dichloroethane
 Concen: 1.002 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041676.D
 Acq: 7 Nov 2024 11:34



Tgt Ion: 63 Resp: 132214
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.4
 100 2.1 1.4 4.2





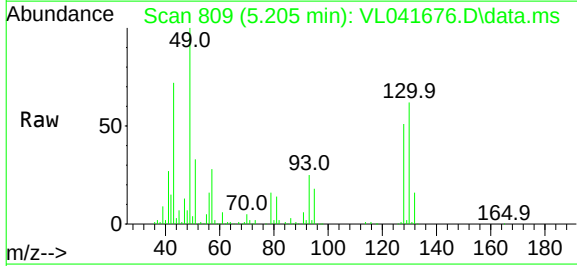
#25
Ethyl Acetate
Concen: 1.050 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

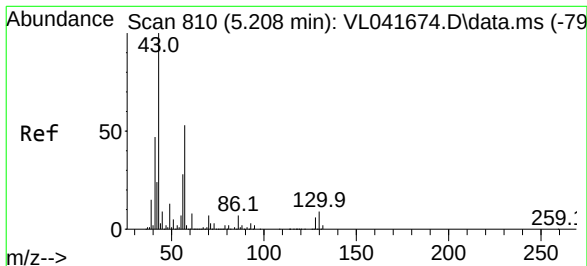
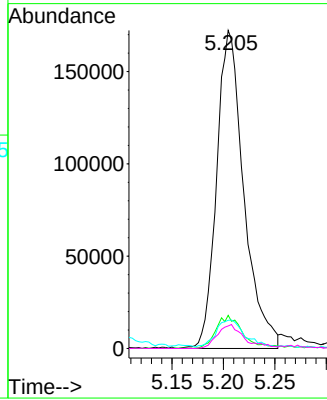
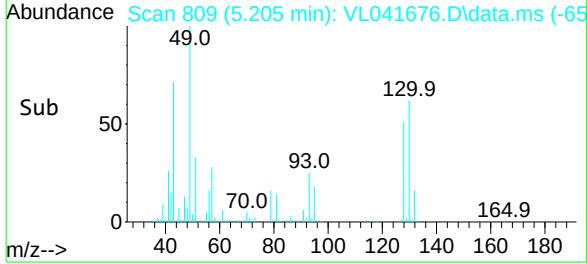
VSTDICC001



Tgt Ion: 43 Resp: 316814
Ion Ratio Lower Upper
43 100
45 11.0 8.6 13.0
61 9.5 8.4 12.6
70 8.4 5.8 8.6

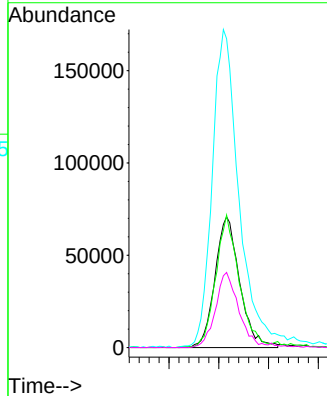
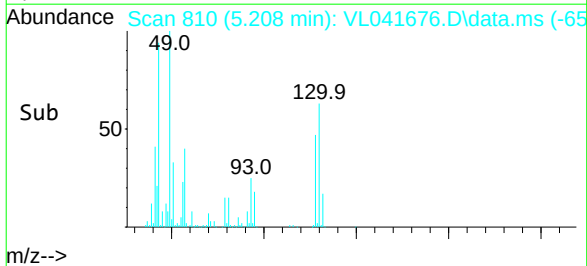
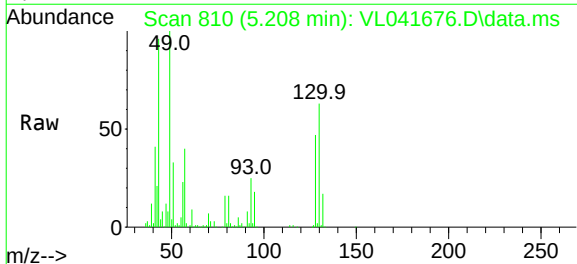
Manual Integrations
APPROVED

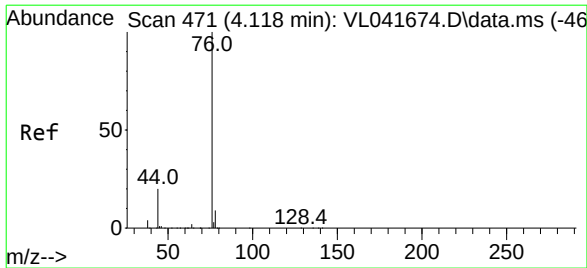
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 1.053 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

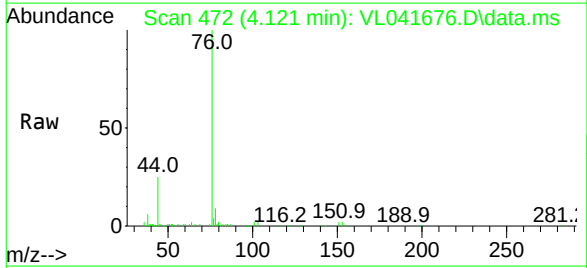
Tgt Ion: 57 Resp: 122113
Ion Ratio Lower Upper
57 100
41 100.9 76.1 114.1
43 271.9 207.0 310.6
56 55.8 43.7 65.5





#27
Carbon Disulfide
Concen: 0.961 ppbv
RT: 4.121 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

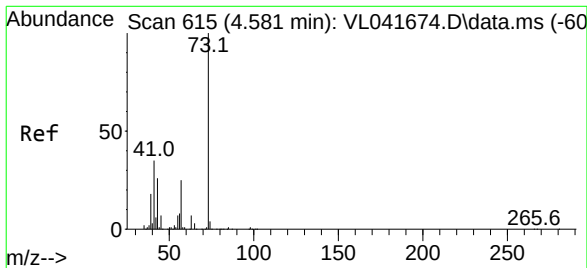
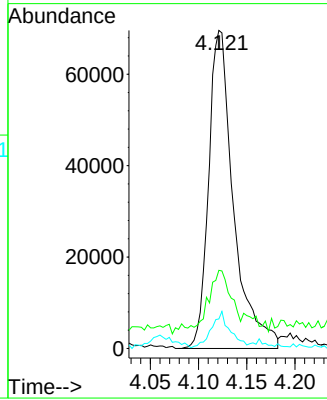
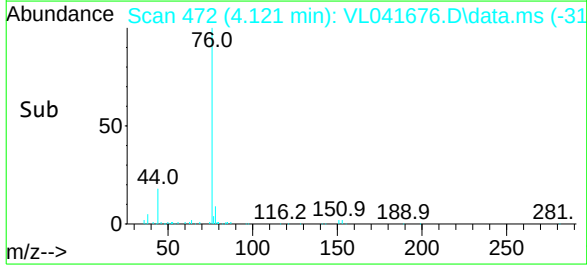
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 125113
Ion Ratio Lower Upper
76 100
44 21.0 15.8 23.8
78 10.6 7.5 11.3

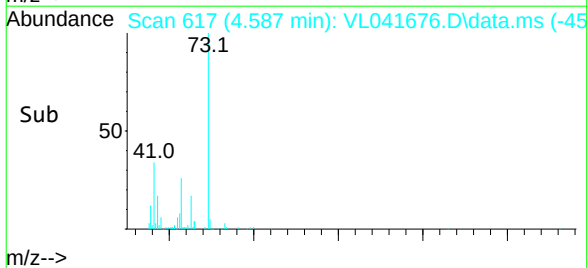
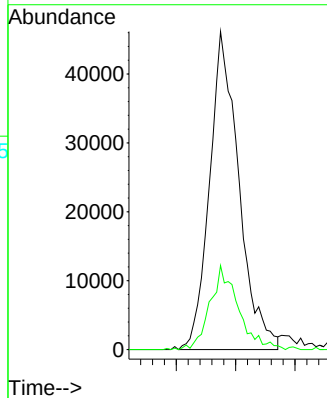
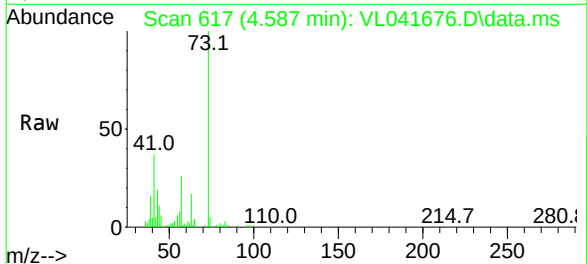
Manual Integrations
APPROVED

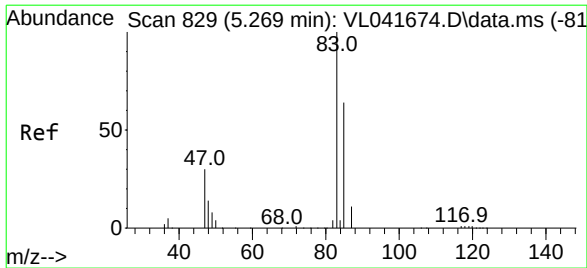
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 1.062 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.007 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 73 Resp: 79309
Ion Ratio Lower Upper
73 100
57 25.7 19.6 29.4





#29

Chloroform

Concen: 1.034 ppbv

RT: 5.269 min Scan# 829

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 197891

Ion Ratio Lower Upper

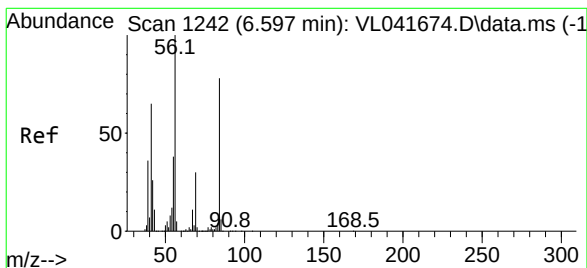
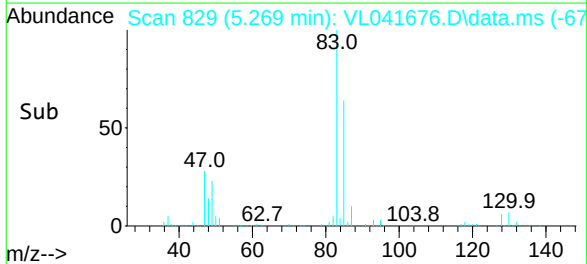
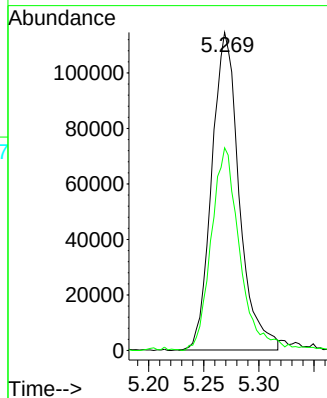
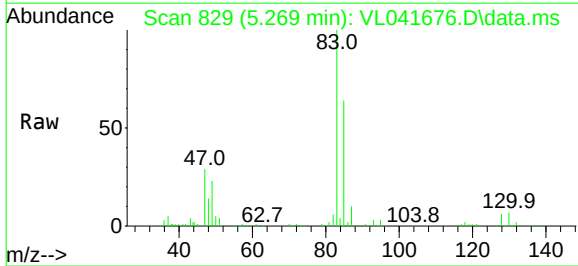
83 100

85 63.6 51.1 76.7

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 0.946 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

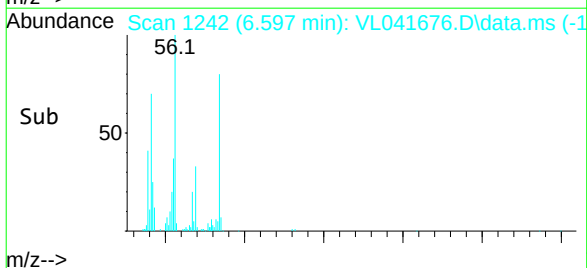
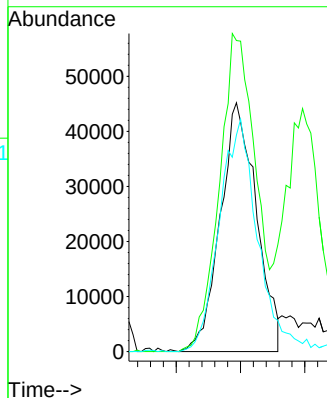
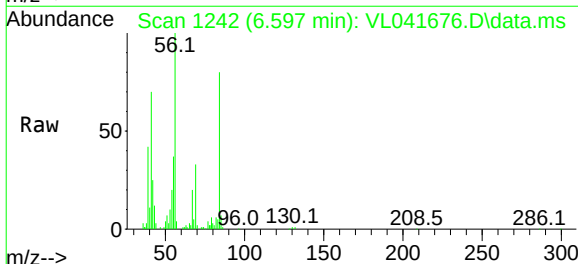
Tgt Ion: 84 Resp: 88127

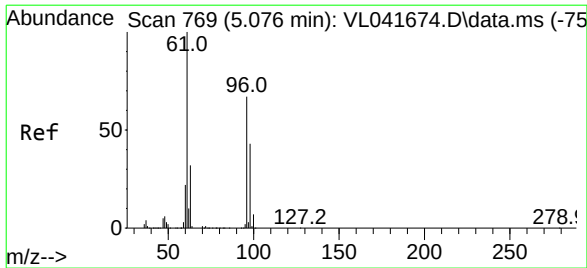
Ion Ratio Lower Upper

84 100

56 127.9 110.8 166.2

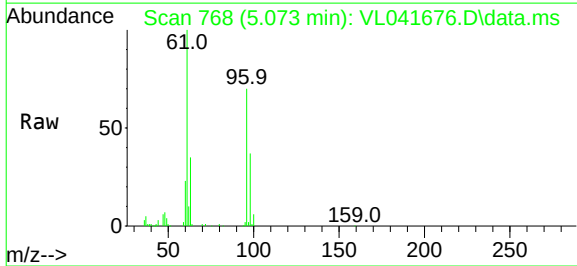
41 100.1 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 1.032 ppbv
RT: 5.073 min Scan# 769
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

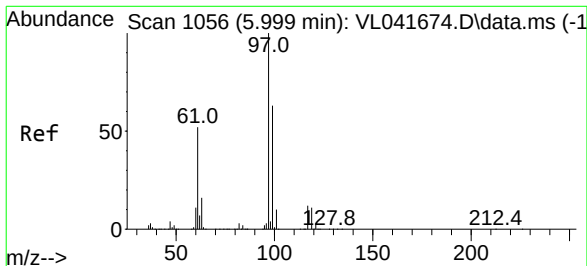
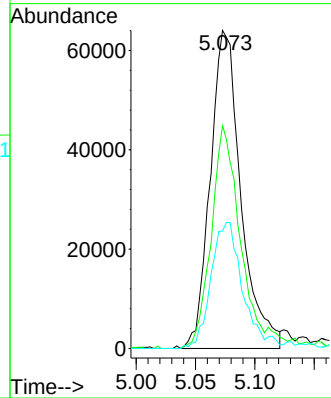
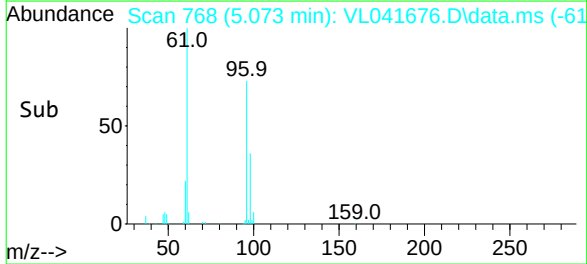
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 61 Resp: 115115
Ion Ratio Lower Upper
61 100
96 70.0 53.4 80.2
98 36.9 34.0 51.0

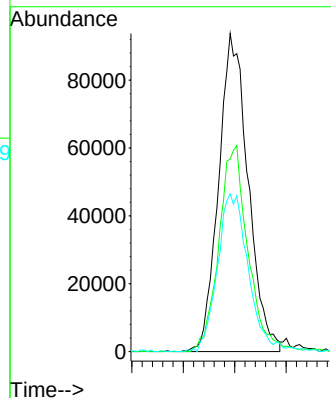
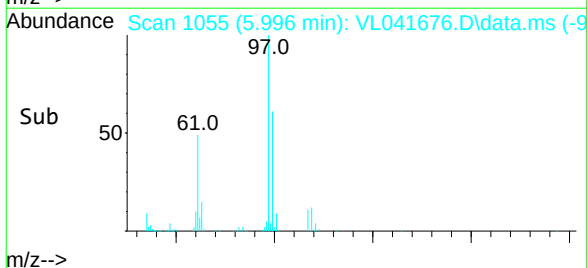
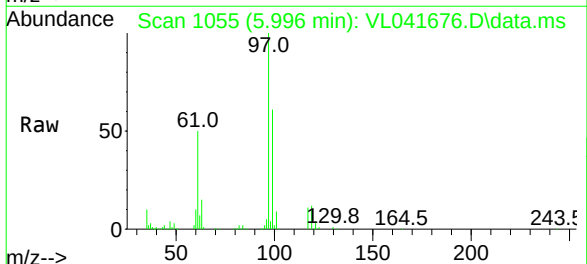
Manual Integrations
APPROVED

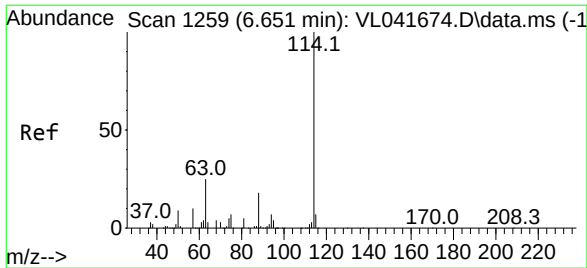
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#32
1,1,1-Trichloroethane
Concen: 1.063 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

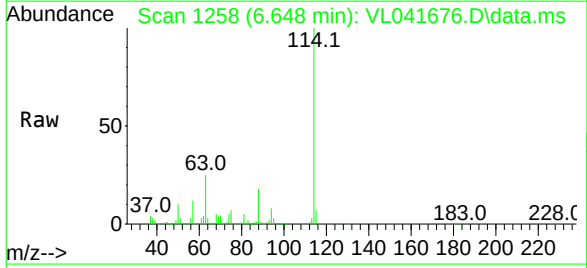
Tgt Ion: 97 Resp: 186425
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 52.4 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

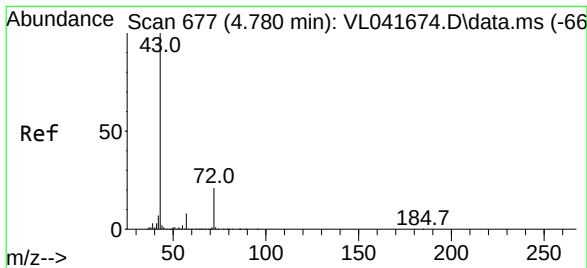
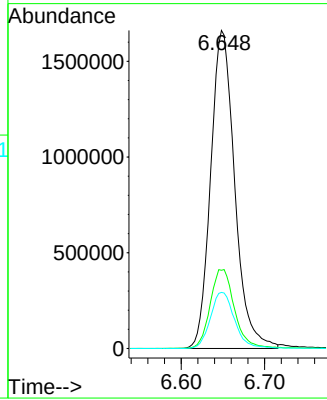
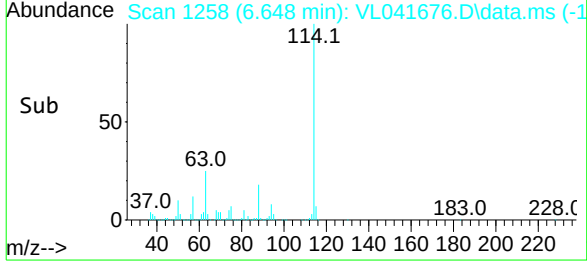
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 114 Resp: 3332226
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.9 14.2 21.4

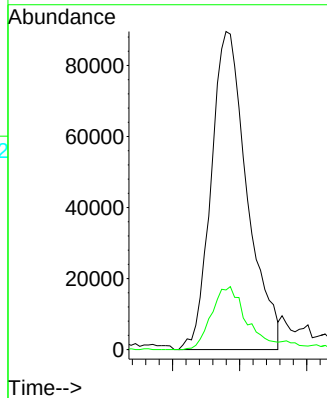
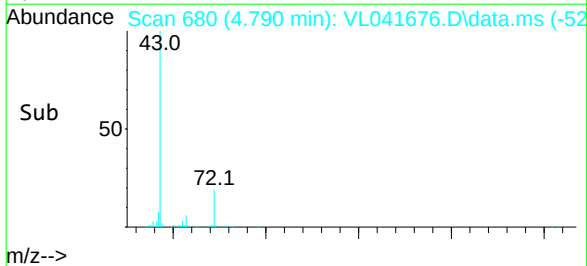
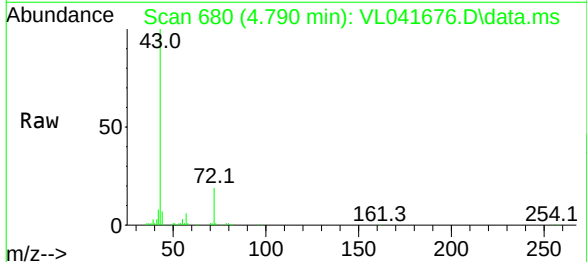
Manual Integrations
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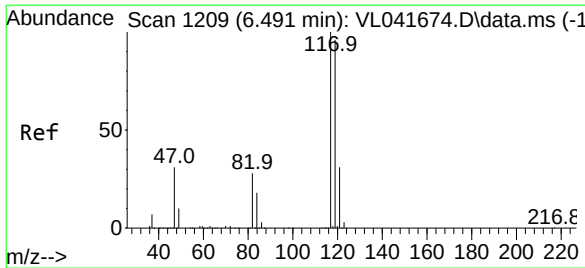
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 1.004 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.010 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 43 Resp: 166525
Ion Ratio Lower Upper
43 100
72 22.0 17.4 26.0





#35

Carbon Tetrachloride

Concen: 1.064 ppbv

RT: 6.491 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VL041676.D

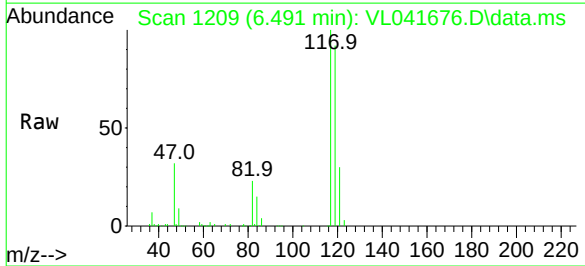
Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion: 117 Resp: 187475

Ion Ratio Lower Upper

117 100

119 92.1 77.2 115.8

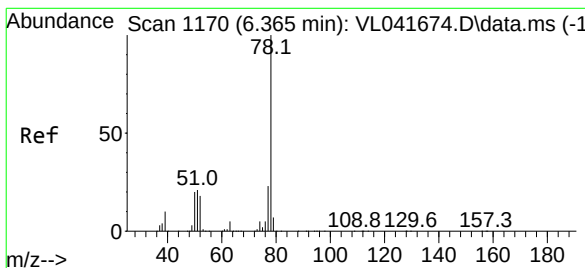
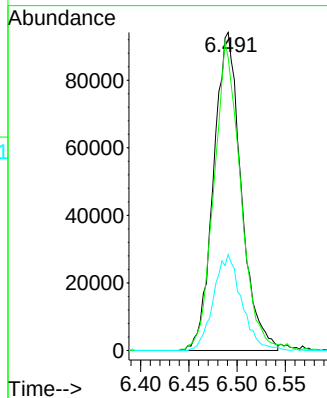
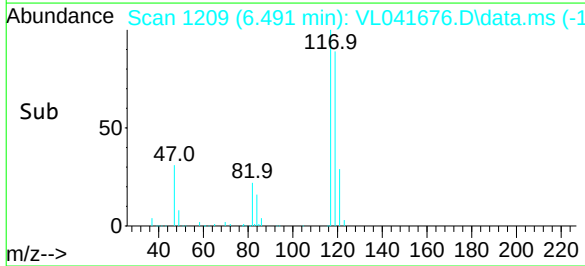
121 30.1 25.0 37.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#36

Benzene

Concen: 1.014 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

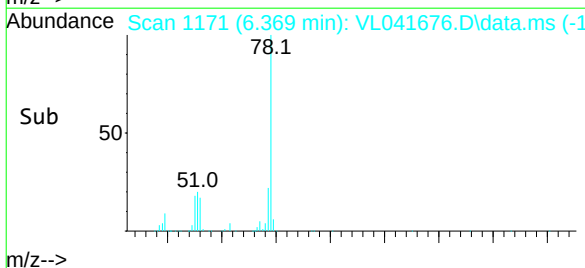
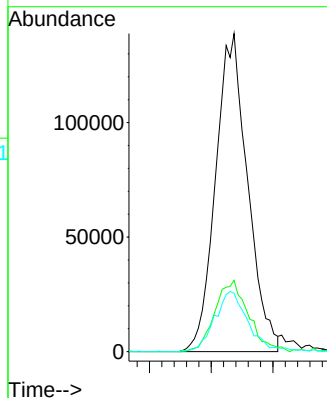
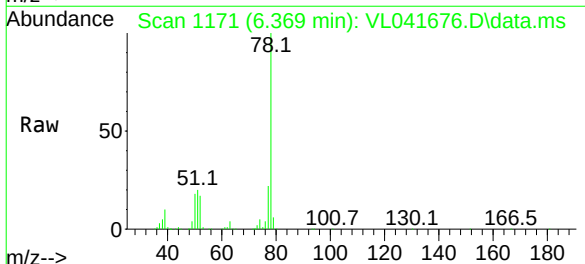
Tgt Ion: 78 Resp: 250318

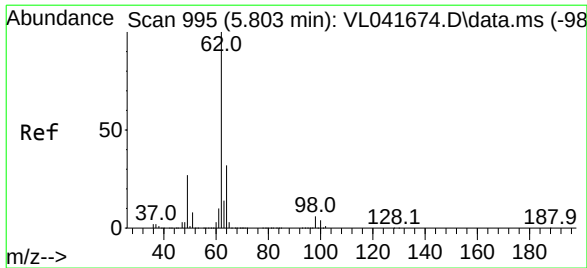
Ion Ratio Lower Upper

78 100

77 22.4 18.5 27.7

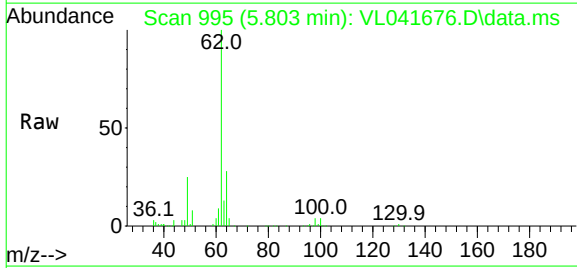
50 18.3 15.6 23.4





#37
1,2-Dichloroethane
Concen: 1.037 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

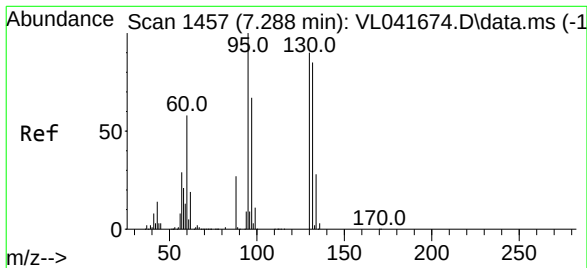
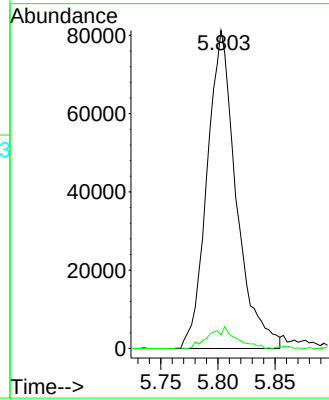
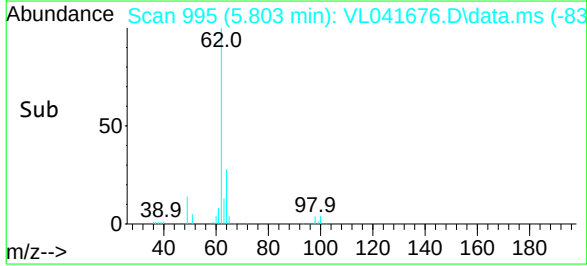
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



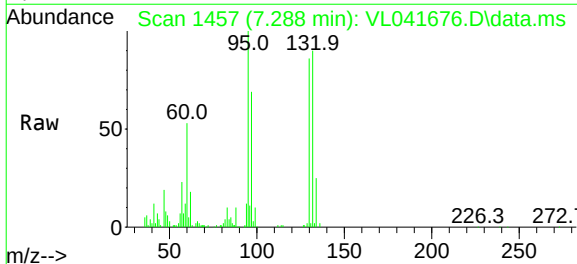
Tgt Ion: 62 Resp: 144449
Ion Ratio Lower Upper
62 100
98 6.5 5.2 7.8

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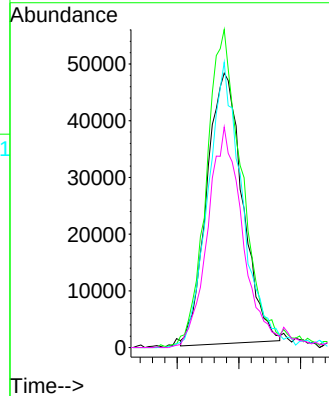
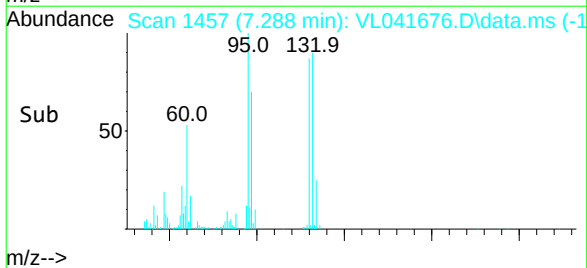
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

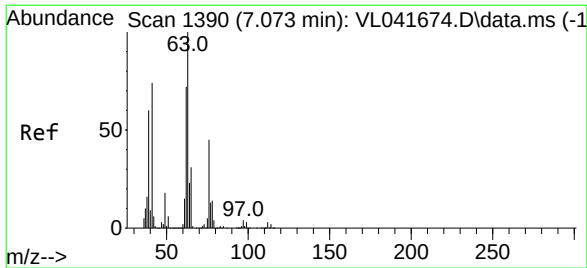


#38
Trichloroethene
Concen: 1.010 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34



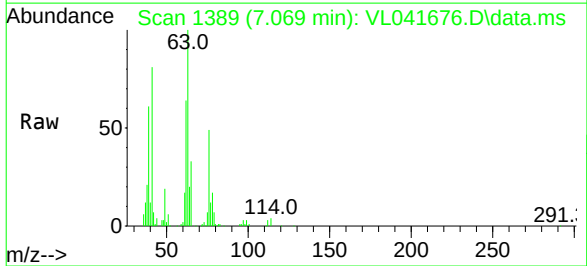
Tgt Ion:130 Resp: 96191
Ion Ratio Lower Upper
130 100
95 114.6 89.1 133.7
132 104.7 75.7 113.5
97 81.3 60.0 90.0





#39
1,2-Dichloropropane
Concen: 1.023 ppbv
RT: 7.069 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

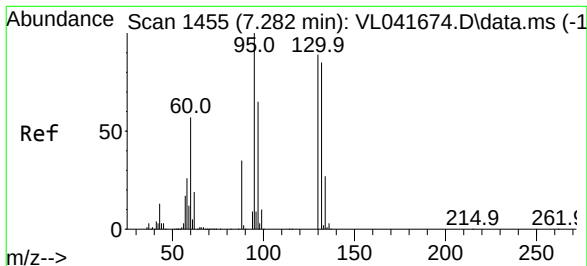
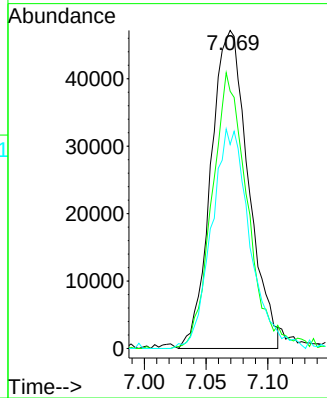
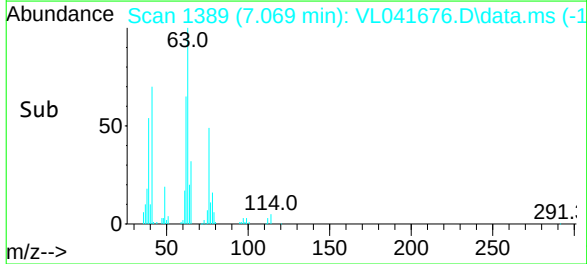
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 99780
Ion Ratio Lower Upper
63 100
41 79.7 59.1 88.7
62 62.6 57.7 86.5

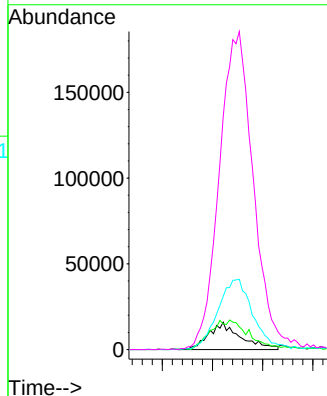
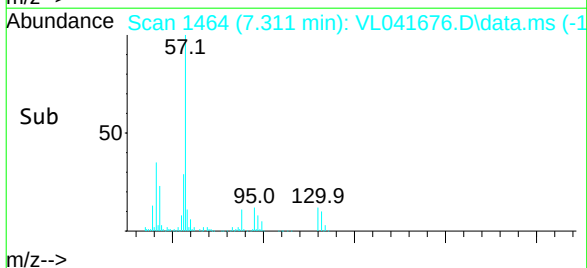
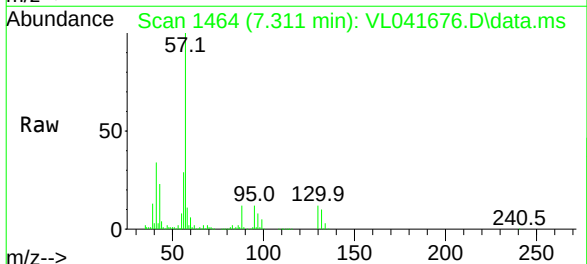
Manual Integrations
APPROVED

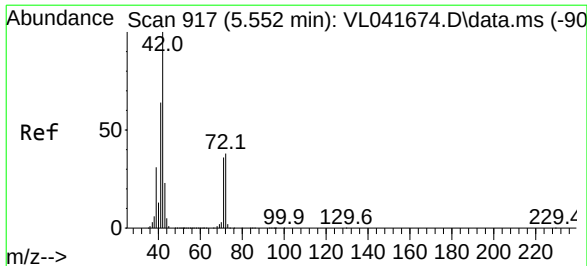
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 1.014 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. 0.029 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

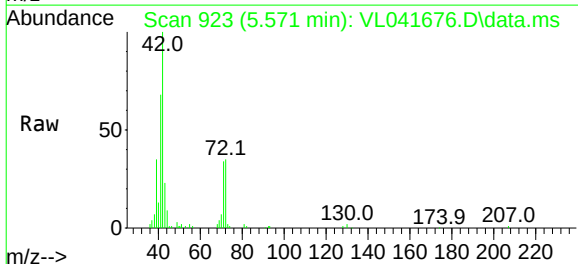
Tgt Ion: 88 Resp: 35039
Ion Ratio Lower Upper
88 100
58 0.0 101.4 152.2#
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





#41
Tetrahydrofuran
Concen: 0.989 ppbv
RT: 5.571 min Scan# 921
Delta R.T. 0.019 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

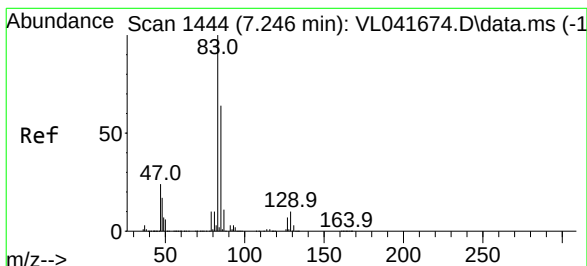
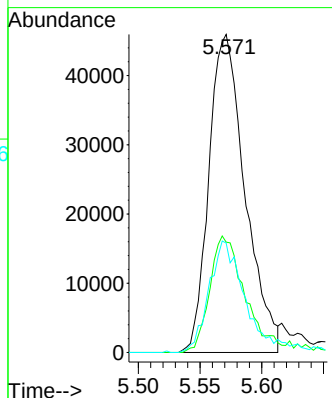
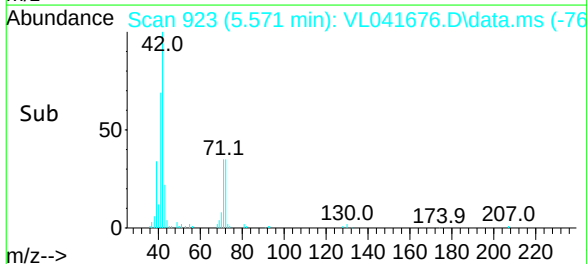
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 42 Resp: 93643
Ion Ratio Lower Upper
42 100
72 37.6 29.8 44.6
71 36.5 29.4 44.2

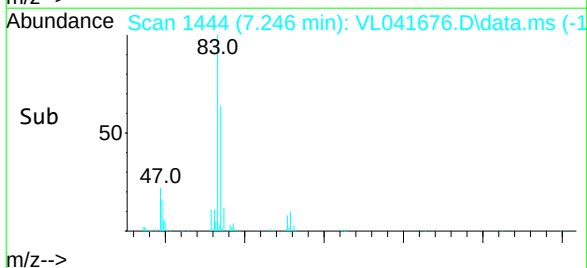
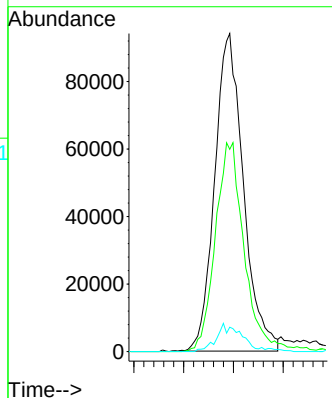
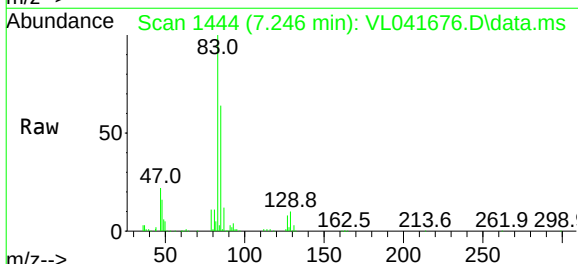
Manual Integrations
APPROVED

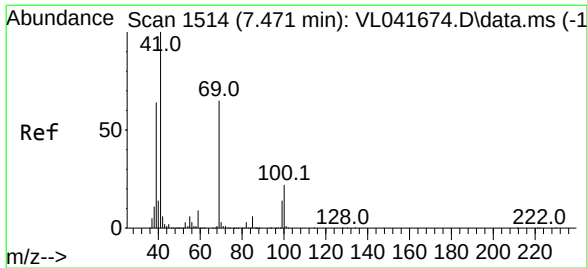
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 0.974 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 83 Resp: 188568
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8
127 7.7 6.0 9.0





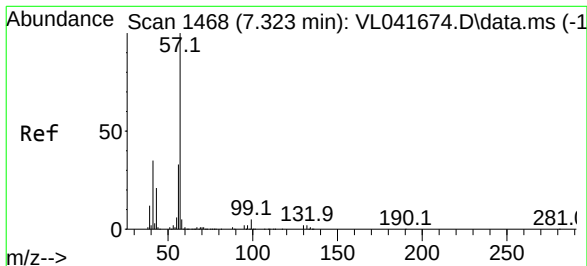
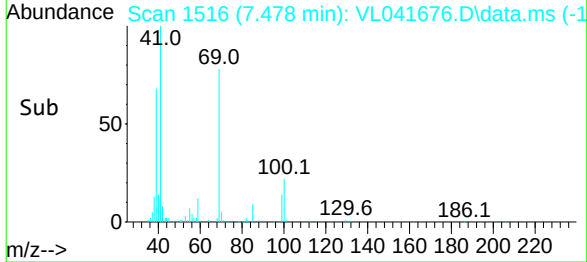
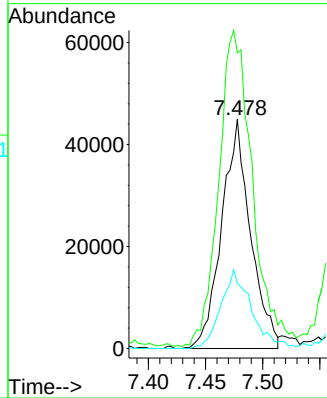
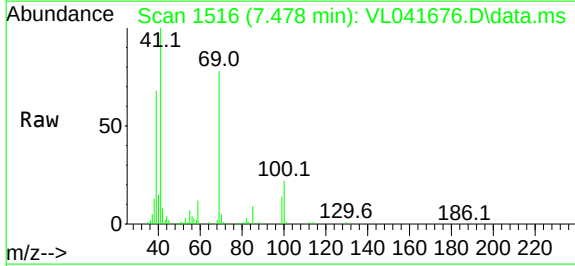
#43
Methyl Methacrylate
Concen: 0.910 ppbv
RT: 7.478 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 78902
Ion Ratio Lower Upper
69 100
41 164.4 119.8 179.6
100 36.2 27.3 40.9

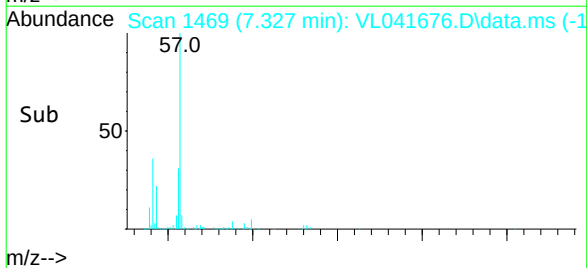
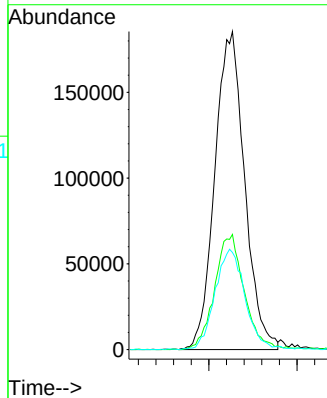
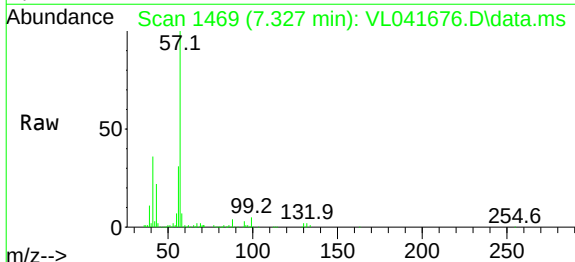
Manual Integrations
APPROVED

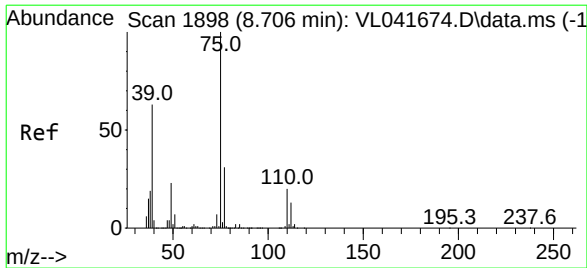
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44
2,2,4-Trimethylpentane
Concen: 1.041 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 57 Resp: 435343
Ion Ratio Lower Upper
57 100
41 36.1 27.0 40.6
56 32.1 25.8 38.6





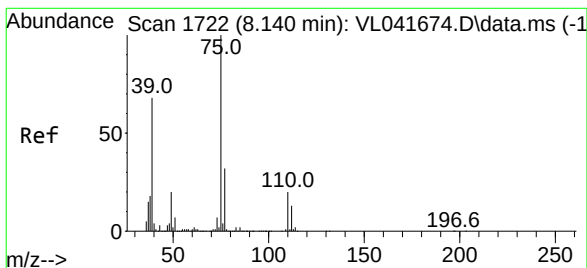
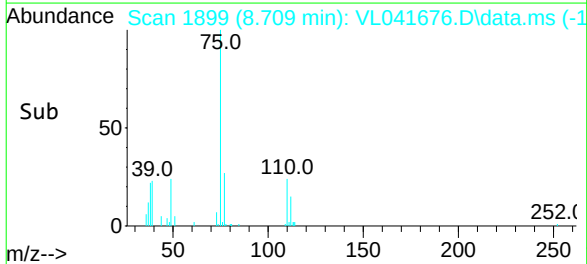
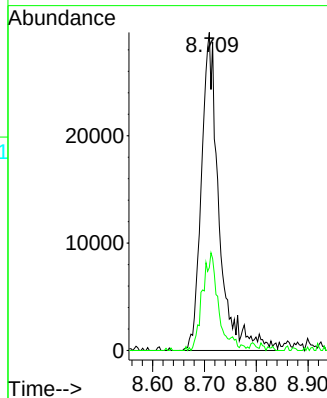
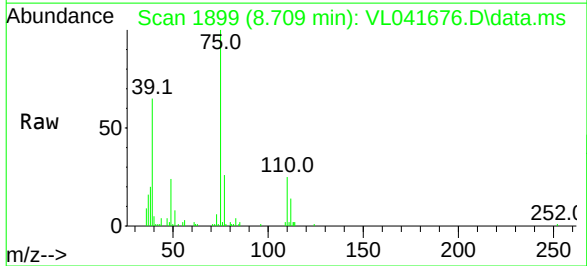
#45
t-1,3-Dichloropropene
Concen: 0.904 ppbv m
RT: 8.709 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 70088
Ion Ratio Lower Upper
75 100
77 26.1 24.7 37.1

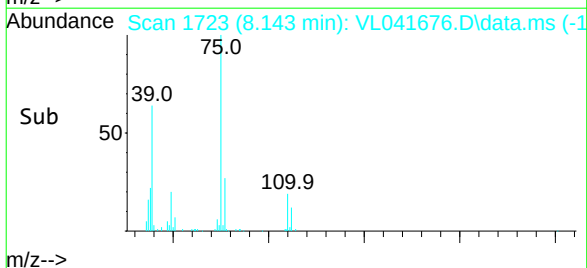
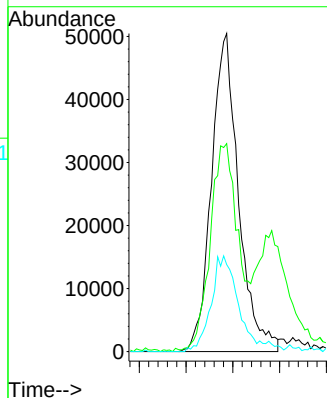
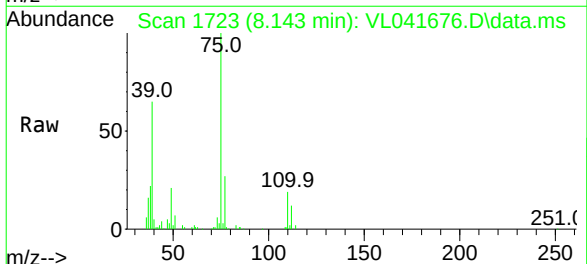
Manual Integrations
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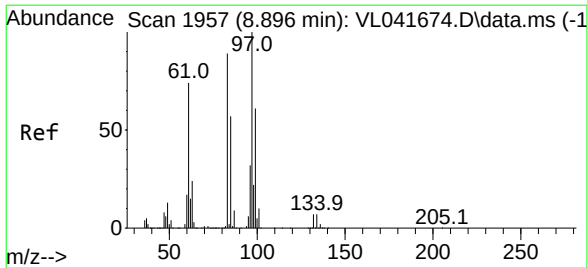
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#46
cis-1,3-Dichloropropene
Concen: 0.901 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

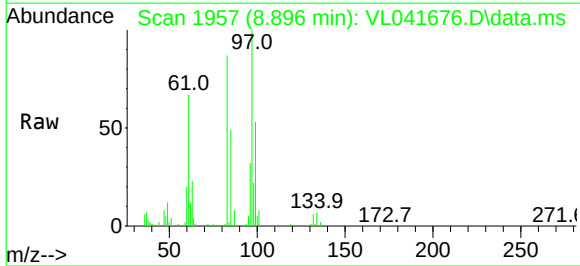
Tgt Ion: 75 Resp: 101425
Ion Ratio Lower Upper
75 100
39 64.8 54.1 81.1
77 27.4 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.997 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

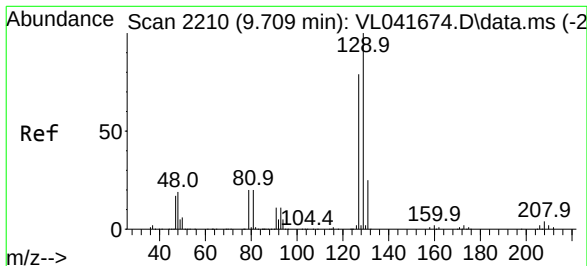
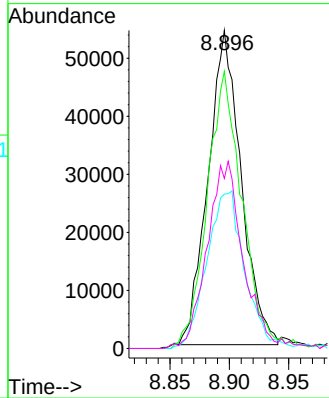
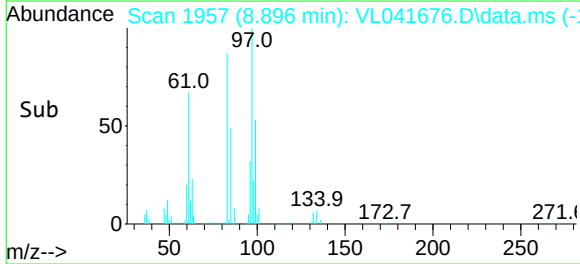
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 104883
Ion Ratio Lower Upper
97 100
83 86.1 71.0 106.6
85 48.2 45.4 68.2
99 53.2 49.0 73.6

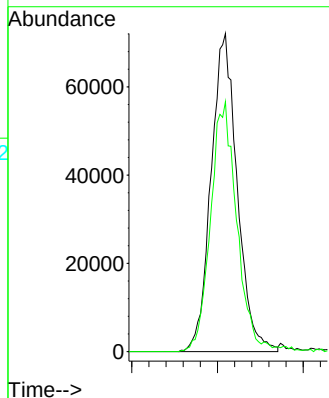
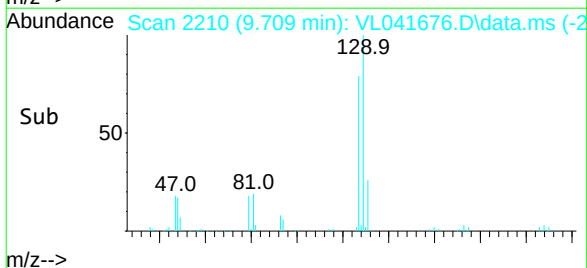
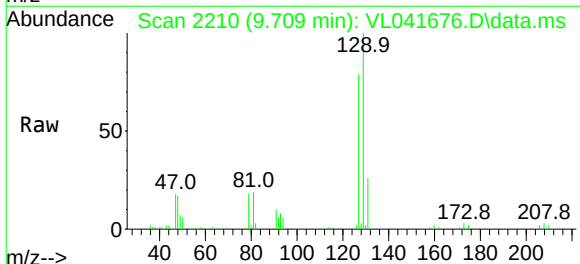
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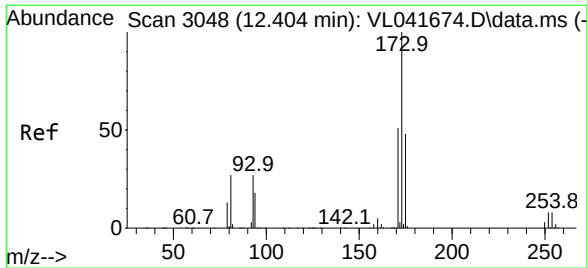
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 0.952 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion:129 Resp: 152757
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





#49

Bromoform

Concen: 0.931 ppbv m

RT: 12.400 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 173 Resp: 127488

Ion Ratio Lower Upper

173 100

175 0.0 39.2 58.8

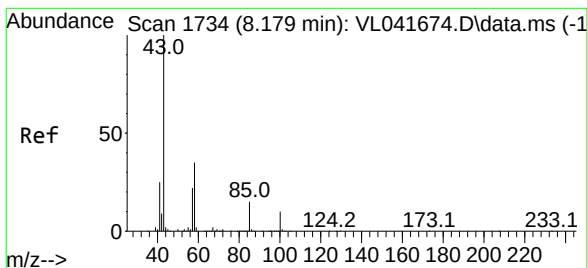
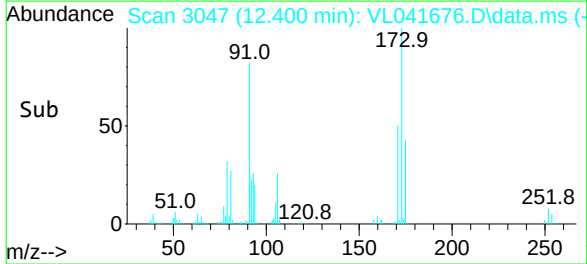
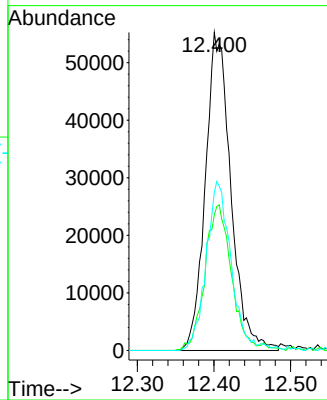
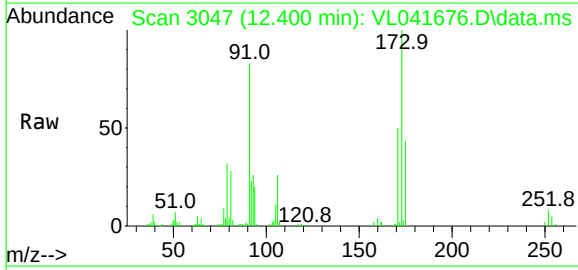
171 0.0 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#50

4-Methyl-2-Pentanone

Concen: 0.985 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.010 min

Lab File: VL041676.D

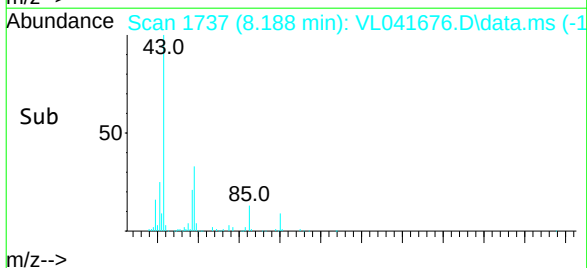
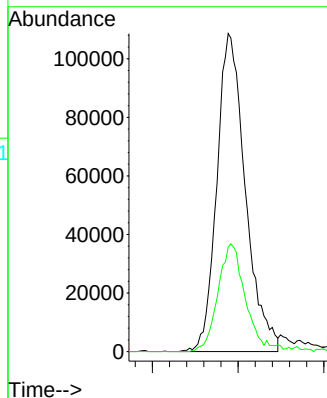
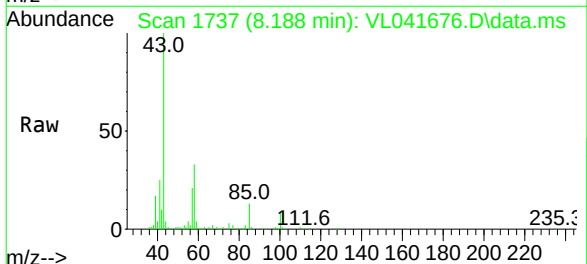
Acq: 7 Nov 2024 11:34

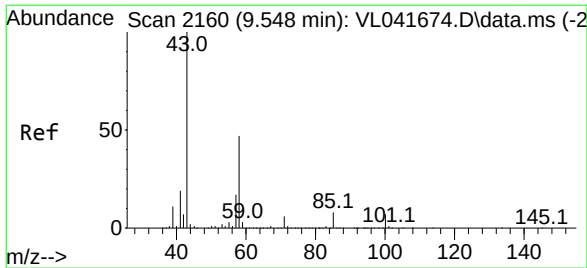
Tgt Ion: 43 Resp: 250885

Ion Ratio Lower Upper

43 100

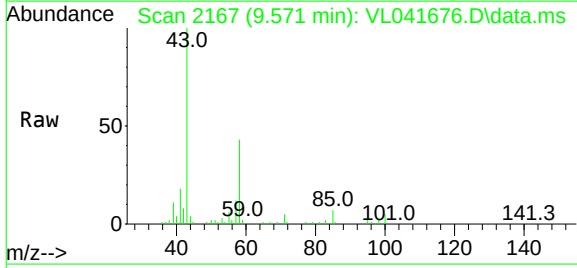
58 34.0 27.7 41.5





#51
2-Hexanone
Concen: 0.892 ppbv
RT: 9.571 min Scan# 2160
Delta R.T. 0.023 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

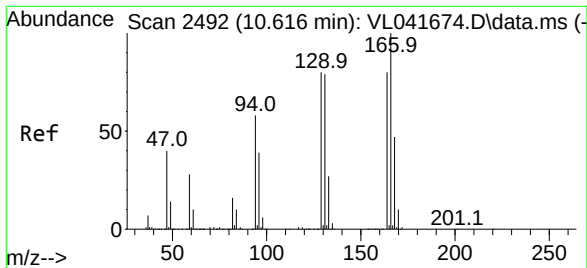
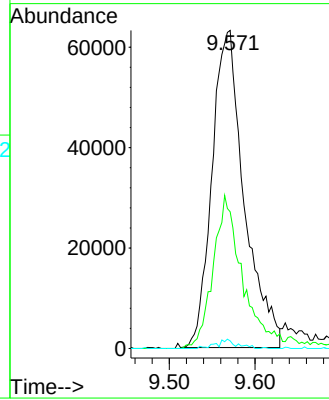
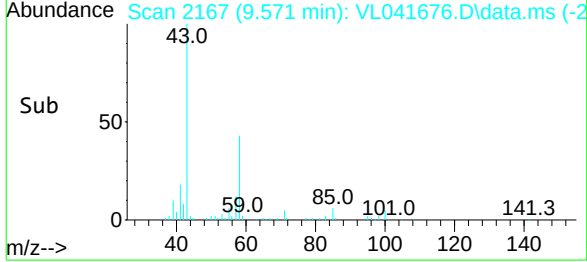
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



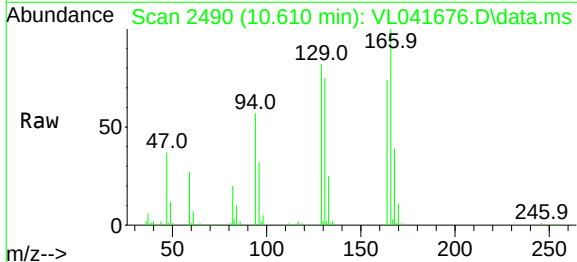
Tgt Ion: 43 Resp: 165158
Ion Ratio Lower Upper
43 100
58 46.5 37.0 55.6
98 1.8 0.6 0.8

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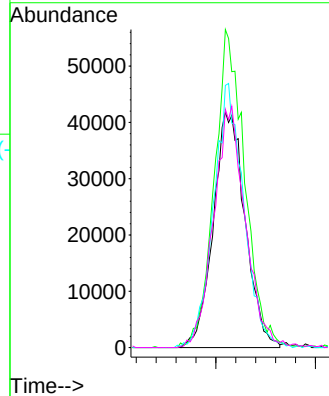
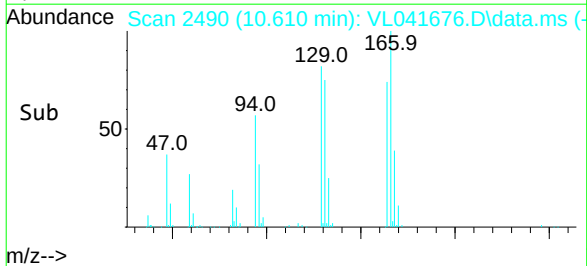
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

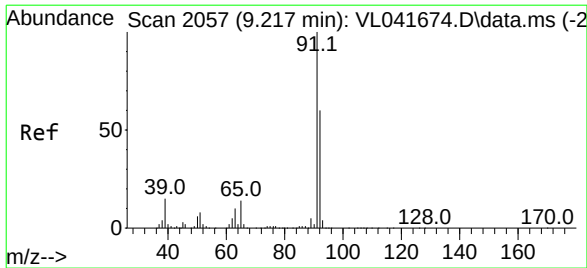


#52
Tetrachloroethene
Concen: 1.102 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34



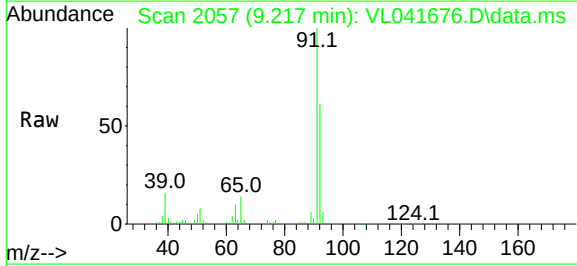
Tgt Ion:164 Resp: 92977
Ion Ratio Lower Upper
164 100
166 133.1 100.2 150.4
129 110.9 79.7 119.5
131 100.6 79.0 118.4





#53
Toluene
Concen: 0.976 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

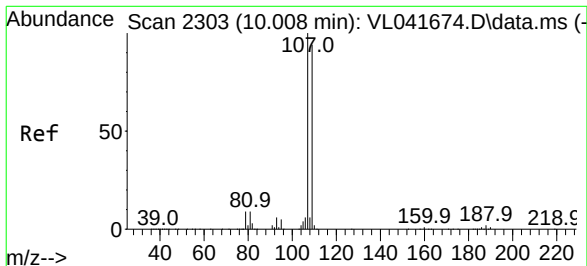
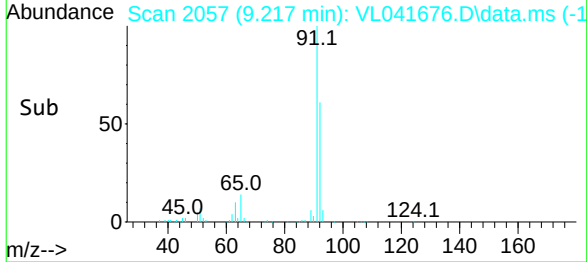
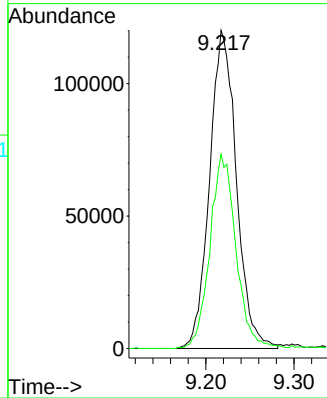
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 253501
Ion Ratio Lower Upper
91 100
92 59.4 49.0 73.4

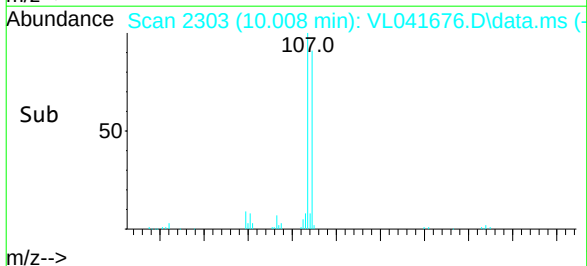
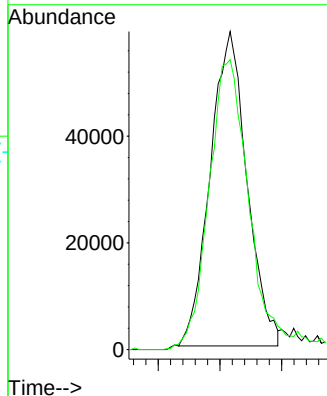
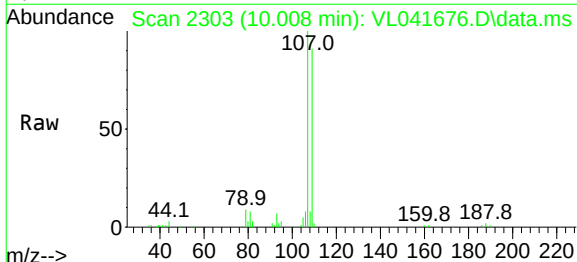
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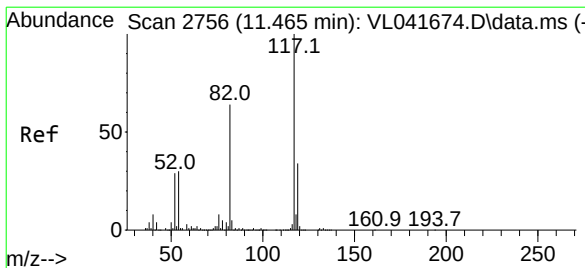
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#54
1,2-Dibromoethane
Concen: 0.994 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion:107 Resp: 122096
Ion Ratio Lower Upper
107 100
109 90.5 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:117 Resp: 3067671

Ion Ratio Lower Upper

117 100

82 63.0 49.8 74.8

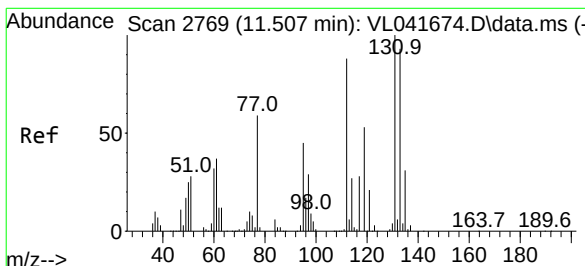
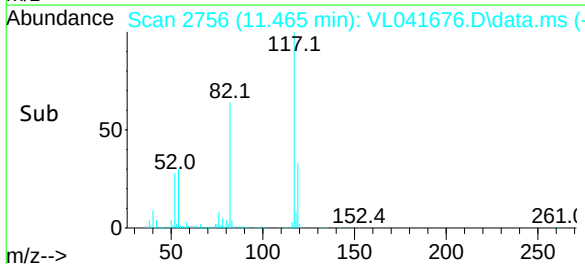
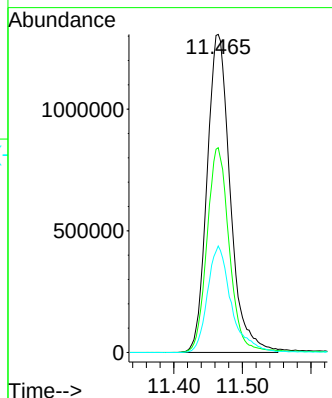
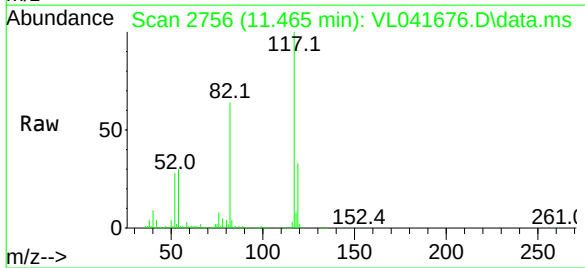
119 34.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 1.043 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

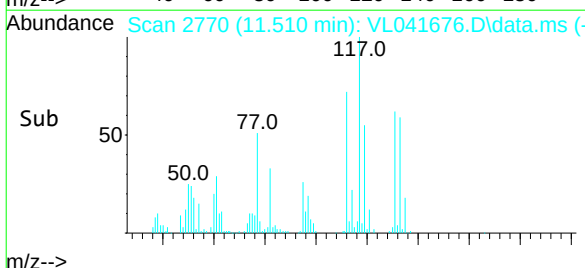
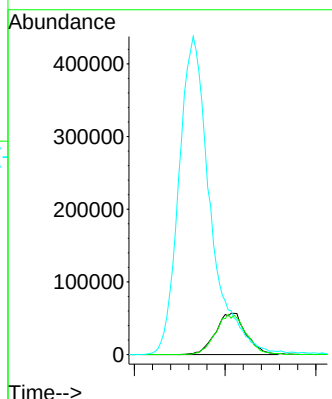
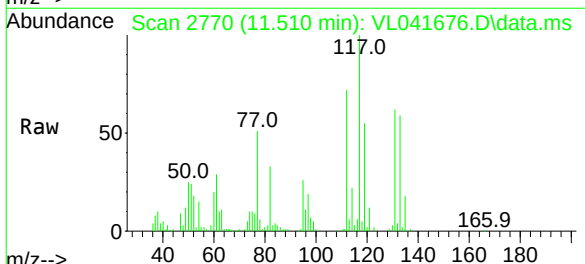
Tgt Ion:131 Resp: 133283

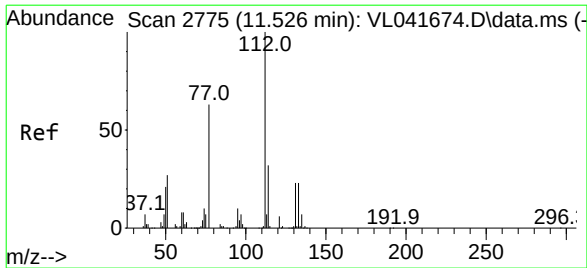
Ion Ratio Lower Upper

131 100

133 96.2 76.5 114.7

119 798.1 49.8 74.8#





#57

Chlorobenzene

Concen: 1.047 ppbv

RT: 11.523 min Scan# 27

Delta R.T. -0.003 min

Lab File: VL041676.D

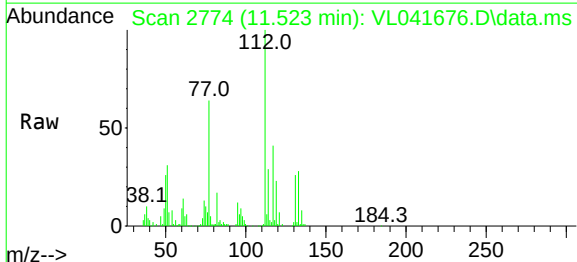
Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion: 112 Resp: 239417

Ion Ratio Lower Upper

112 100

77 63.4 51.4 77.2

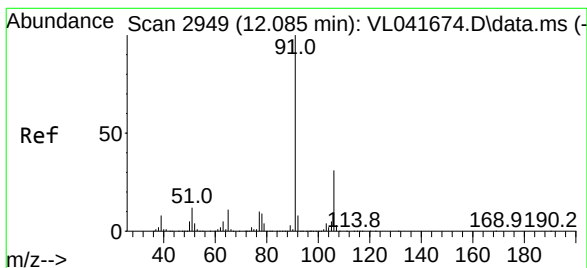
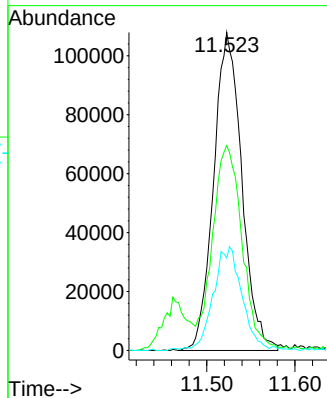
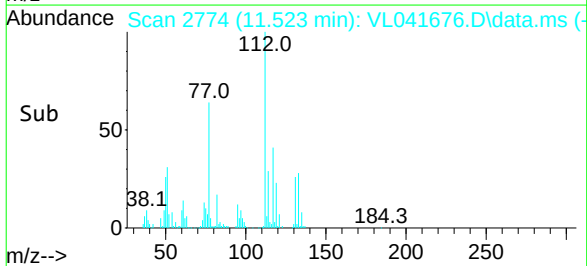
114 28.6 28.4 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#58

Ethyl Benzene

Concen: 0.986 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VL041676.D

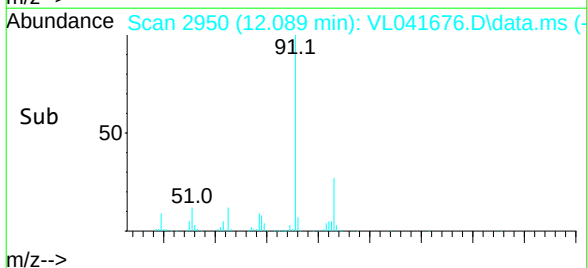
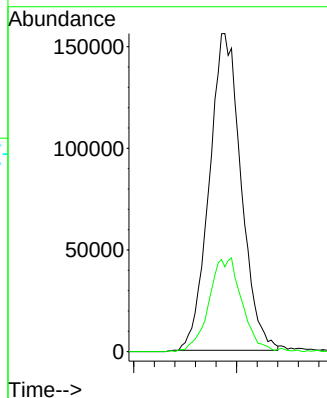
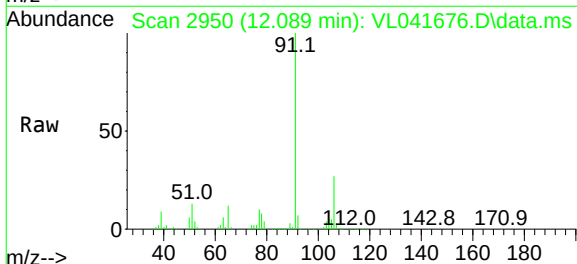
Acq: 7 Nov 2024 11:34

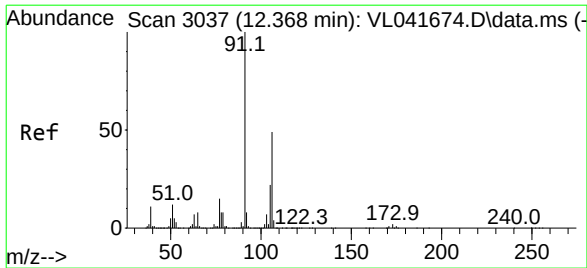
Tgt Ion: 91 Resp: 334939

Ion Ratio Lower Upper

91 100

106 26.3 24.9 37.3





#59

m/p-Xylene

Concen: 2.056 ppbv m

RT: 12.368 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 625077

Ion Ratio Lower Upper

91 100

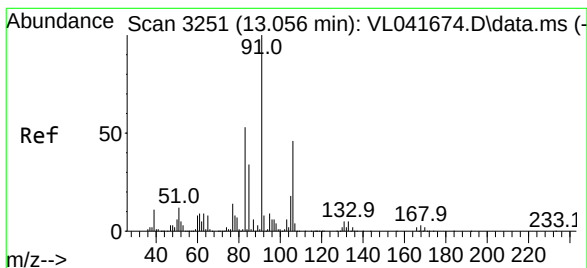
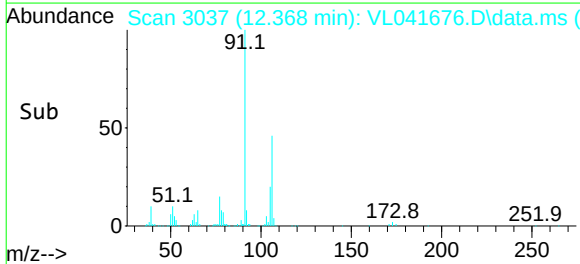
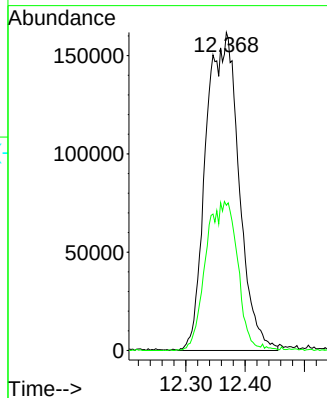
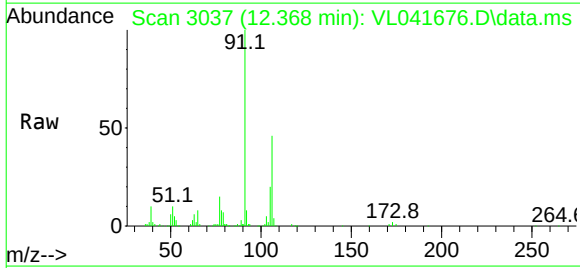
106 45.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#60

o-Xylene

Concen: 1.012 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VL041676.D

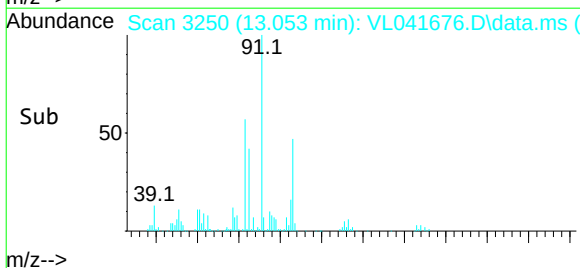
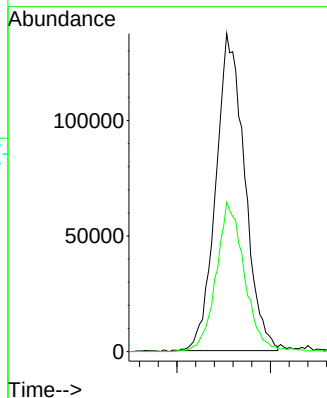
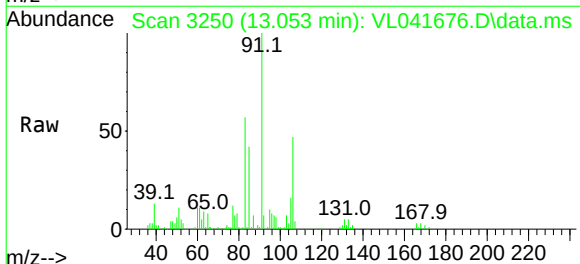
Acq: 7 Nov 2024 11:34

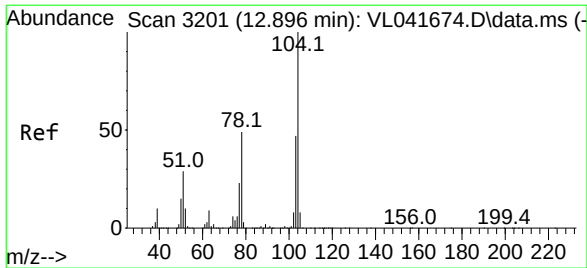
Tgt Ion: 91 Resp: 293793

Ion Ratio Lower Upper

91 100

106 46.7 23.2 69.6





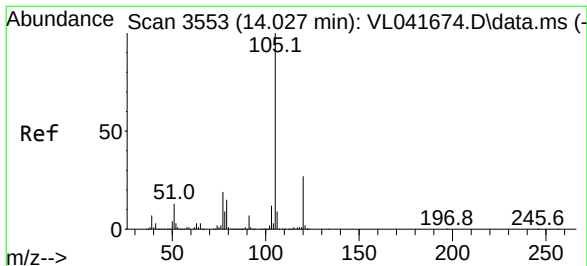
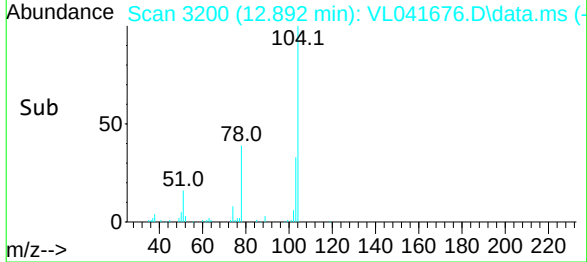
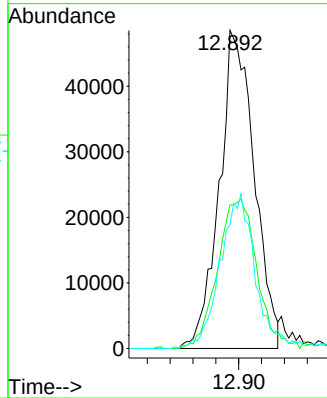
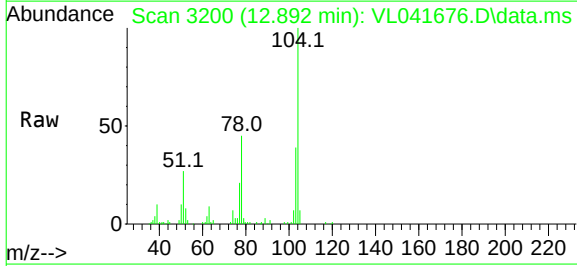
#61
Styrene
Concen: 0.859 ppbv
RT: 12.892 min Scan# 3201
Delta R.T. -0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 102947
Ion Ratio Lower Upper
104 100
78 52.9 39.8 59.8
103 49.4 37.4 56.0

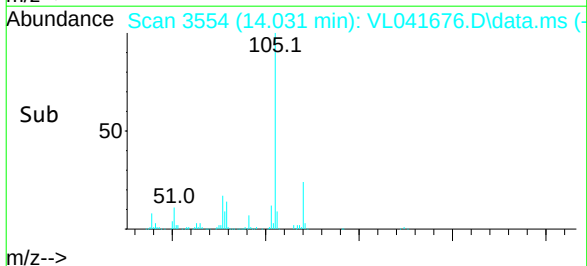
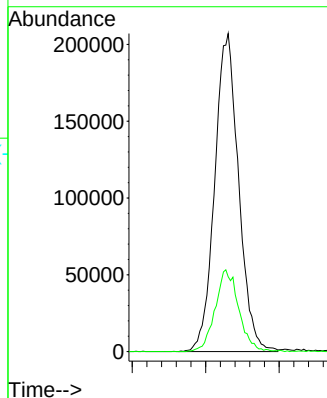
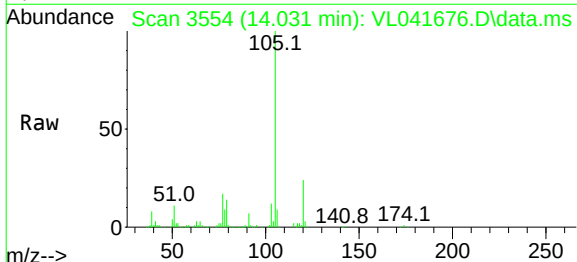
Manual Integrations
APPROVED

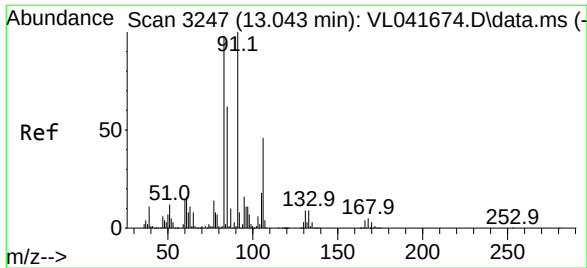
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#62
Isopropylbenzene
Concen: 1.045 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion:105 Resp: 468382
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 1.074 ppbv

RT: 13.047 min Scan# 3247

Delta R.T. 0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 226867

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

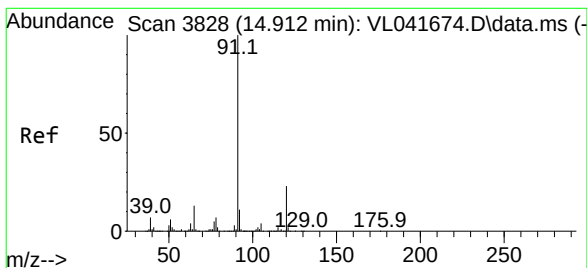
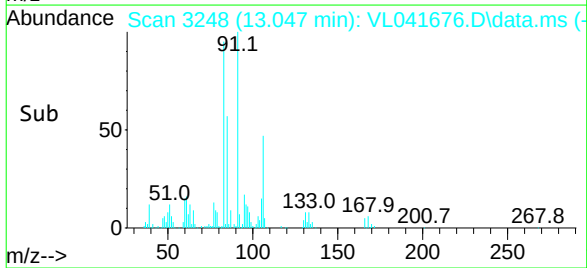
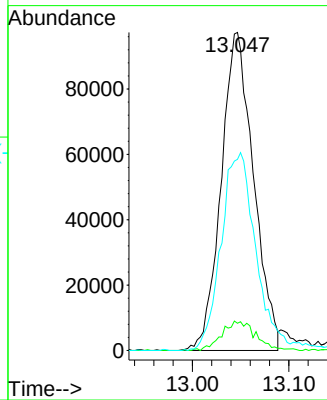
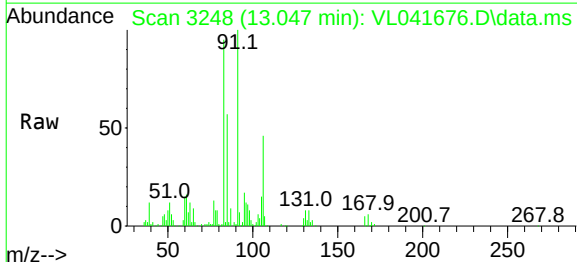
85 68.1 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#64

n-propylbenzene

Concen: 0.987 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. 0.003 min

Lab File: VL041676.D

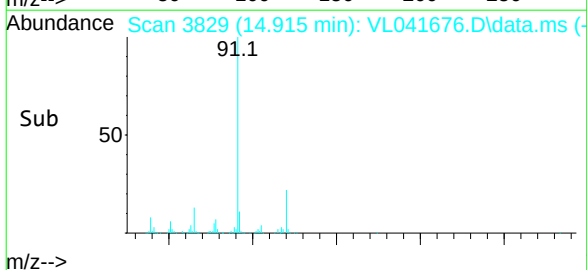
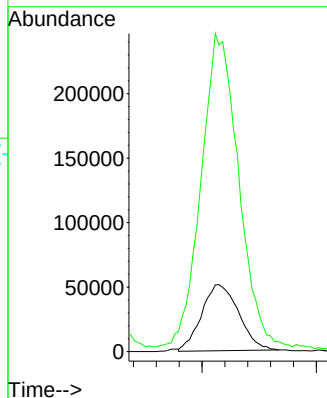
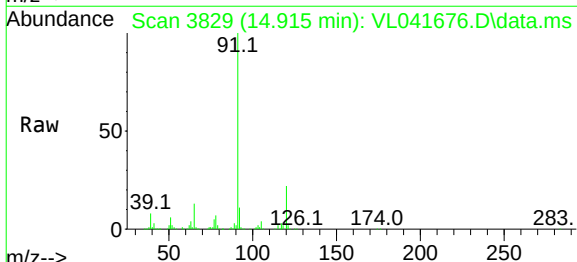
Acq: 7 Nov 2024 11:34

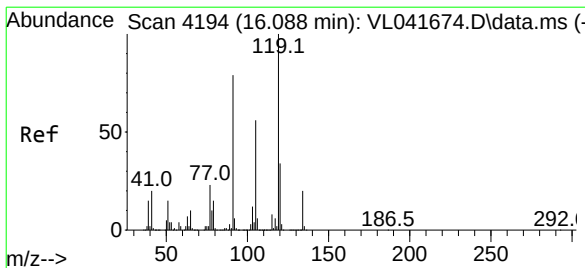
Tgt Ion:120 Resp: 115677

Ion Ratio Lower Upper

120 100

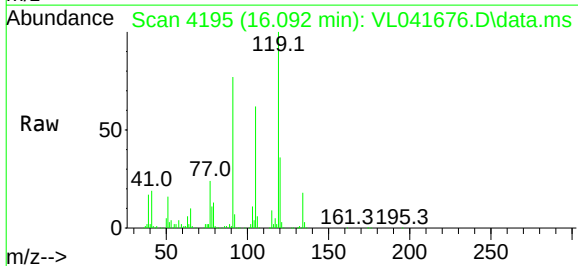
91 500.0 362.4 543.6





#65
tert-Butylbenzene
Concen: 1.053 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

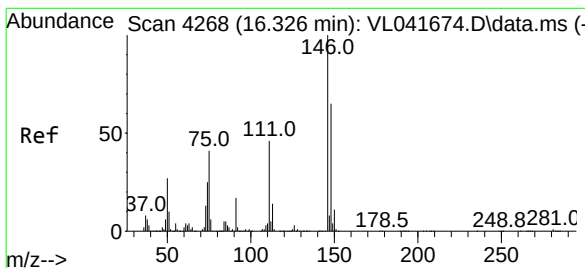
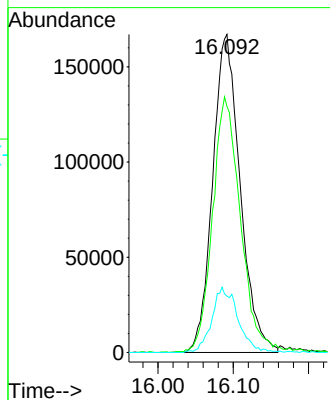
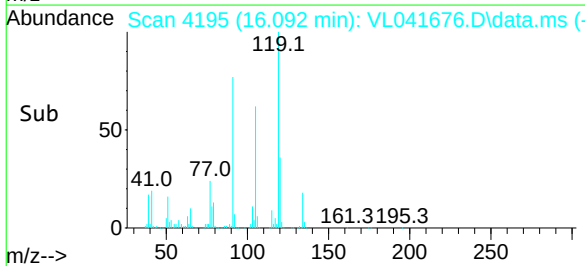


Tgt Ion: 119 Resp: 424019

Ion	Ratio	Lower	Upper
119	100		
91	82.6	64.3	96.5
134	19.6	15.8	23.8

Manual Integrations
APPROVED

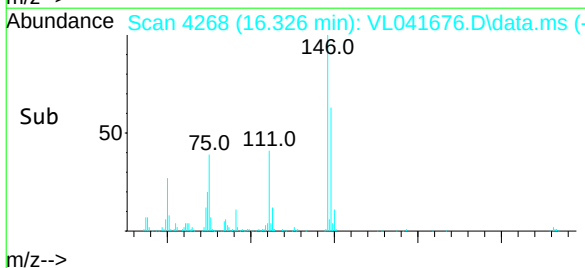
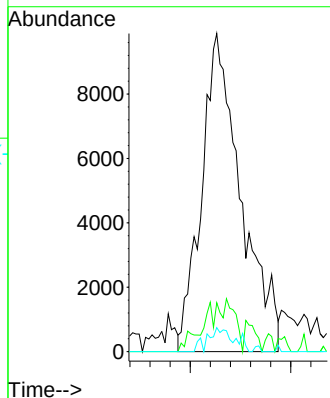
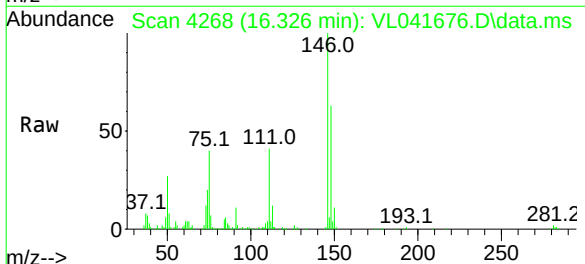
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

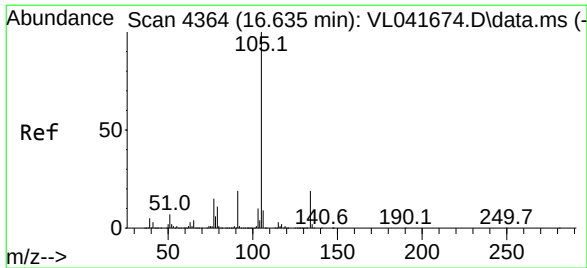


#66
Benzyl Chloride
Concen: 0.929 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 91 Resp: 26944

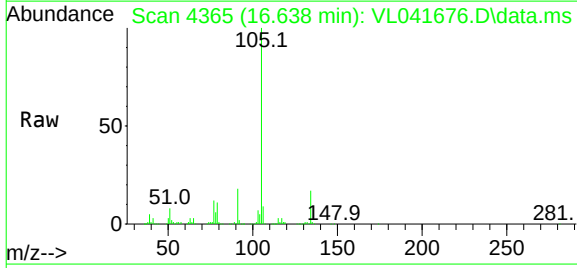
Ion	Ratio	Lower	Upper
91	100		
126	17.4	13.8	20.6
128	4.9	4.3	6.5





#67
sec-Butylbenzene
Concen: 1.051 ppbv
RT: 16.638 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

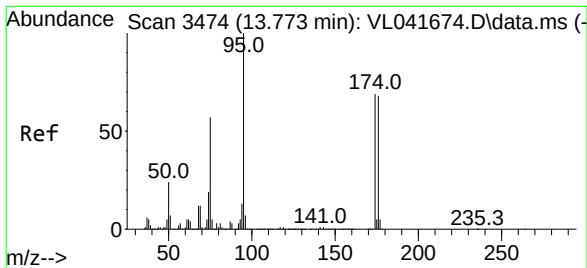
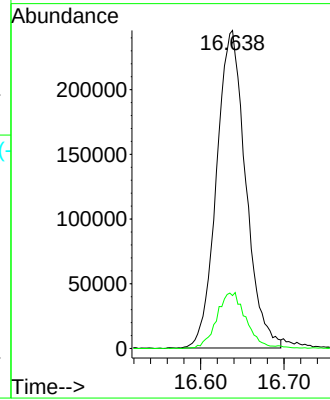
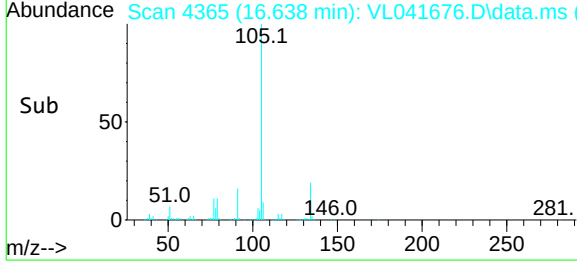
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 105 Resp: 596449
Ion Ratio Lower Upper
105 100
134 18.0 14.6 22.0

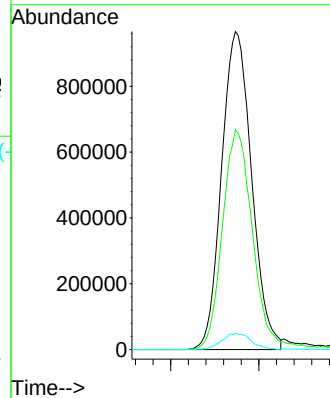
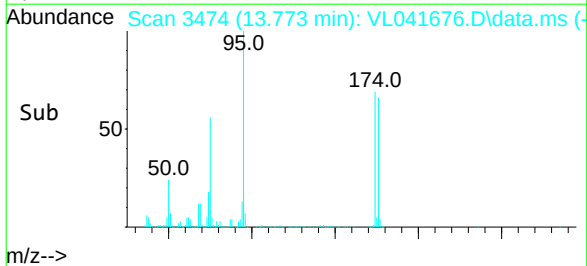
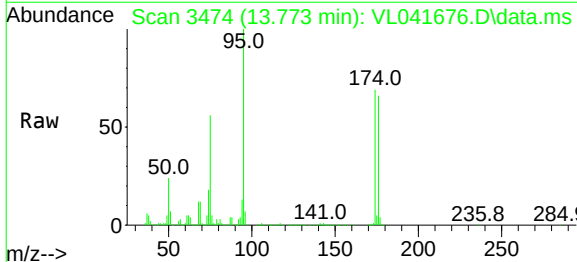
Manual Integrations
APPROVED

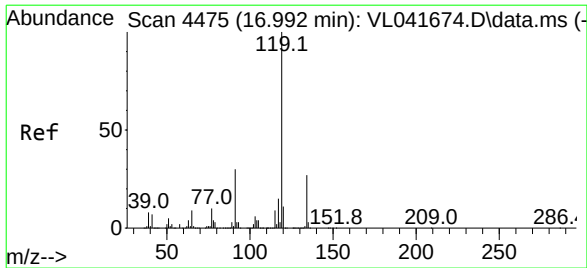
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.073 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion: 95 Resp: 2285234
Ion Ratio Lower Upper
95 100
174 70.7 55.6 83.4
175 5.1 4.2 6.2





#69

p-Isopropyltoluene

Concen: 1.048 ppbv

RT: 16.998 min Scan# 4475

Delta R.T. 0.007 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

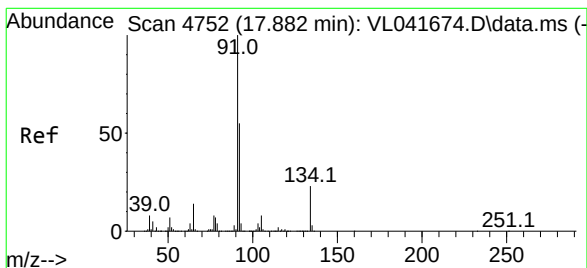
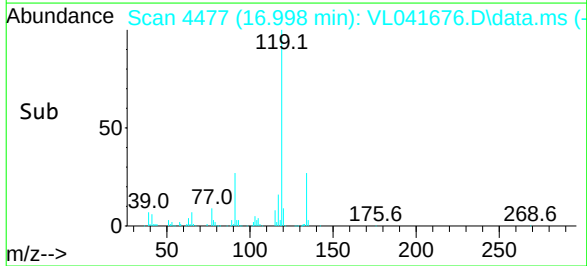
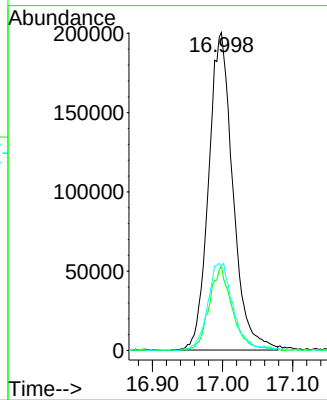
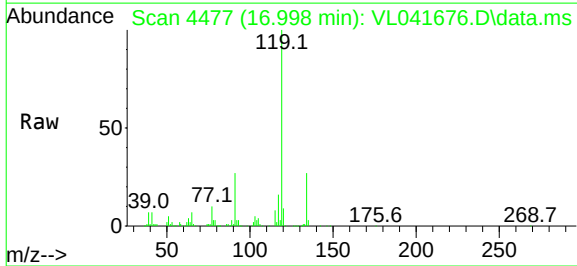
VSTDICC001

Tgt Ion:	119	Resp:	480893
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.8	31.2
91	29.1	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: 1.030 ppbv

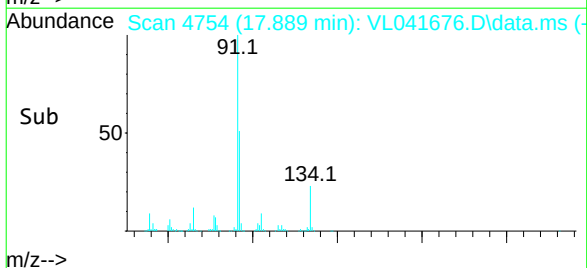
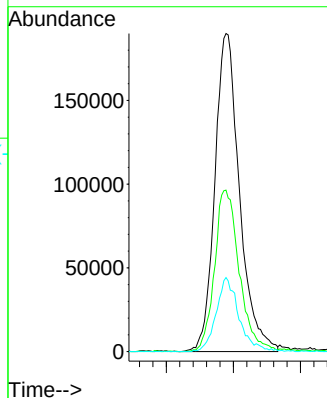
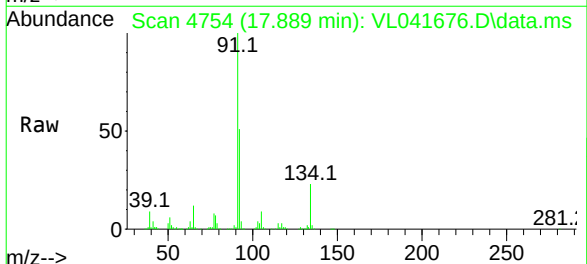
RT: 17.889 min Scan# 4754

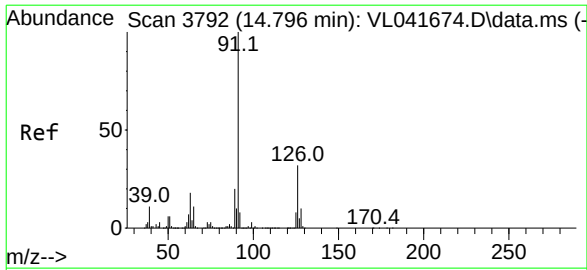
Delta R.T. 0.007 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Tgt Ion:	91	Resp:	484367
Ion	Ratio	Lower	Upper
91	100		
92	51.6	43.3	64.9
134	21.5	18.4	27.6





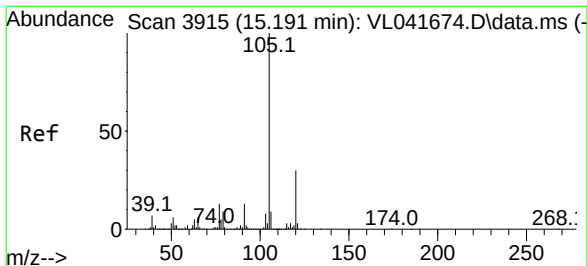
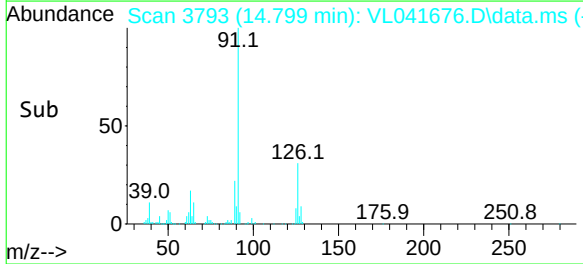
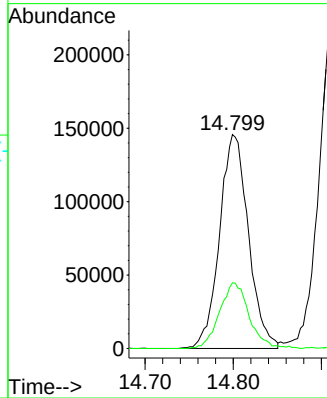
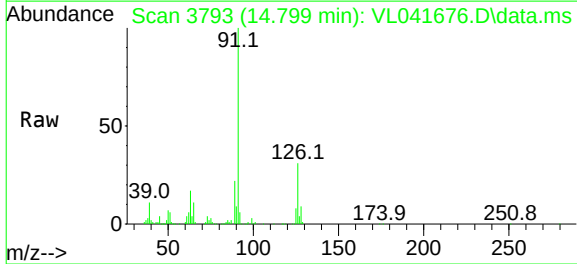
#71
2-Chlorotoluene
Concen: 1.024 ppbv
RT: 14.799 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 331921
Ion Ratio Lower Upper
91 100
126 31.5 12.8 51.0

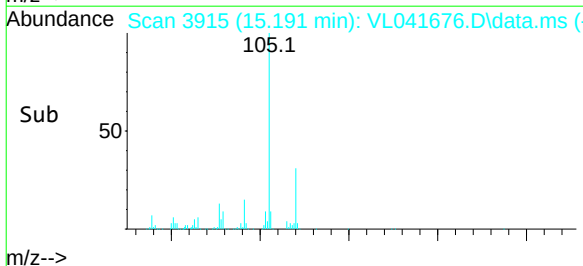
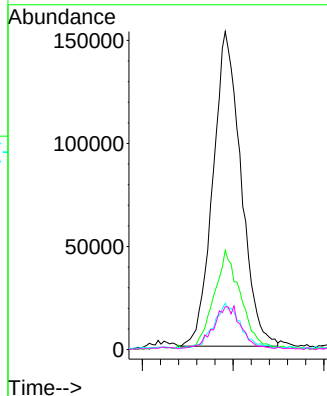
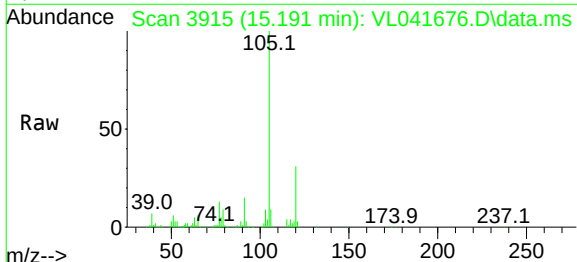
Manual Integrations
APPROVED

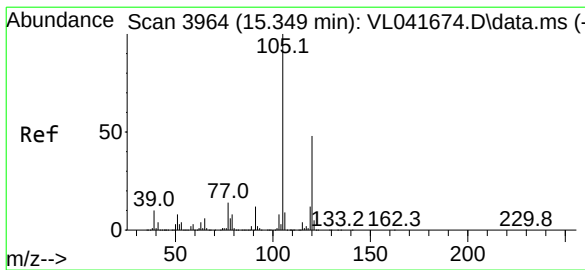
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 0.972 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041676.D
Acq: 7 Nov 2024 11:34

Tgt Ion:105 Resp: 327541
Ion Ratio Lower Upper
105 100
120 32.3 25.0 37.4
91 13.6 10.6 15.8
77 15.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 0.982 ppbv

RT: 15.352 min Scan# 39

Delta R.T. 0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 290287

Ion Ratio Lower Upper

105 100

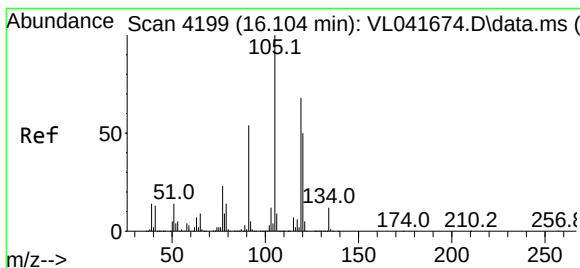
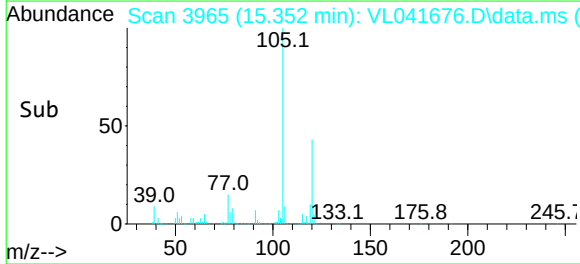
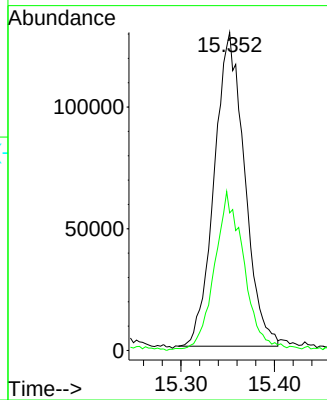
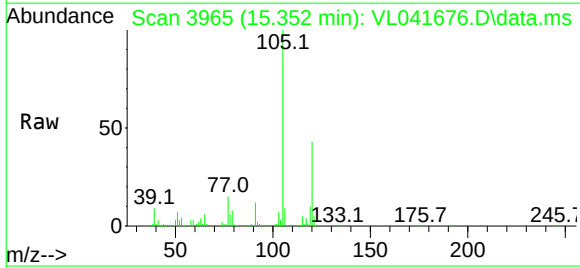
120 43.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.047 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.007 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Tgt Ion:105 Resp: 360083

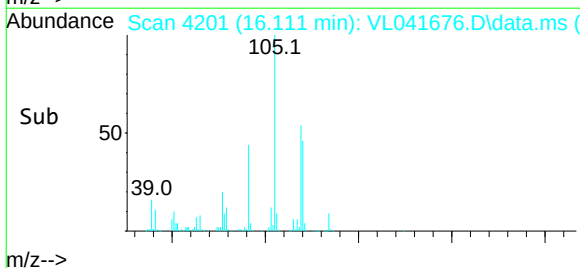
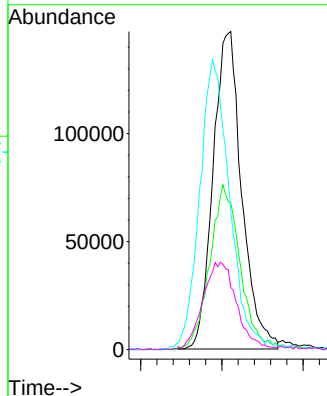
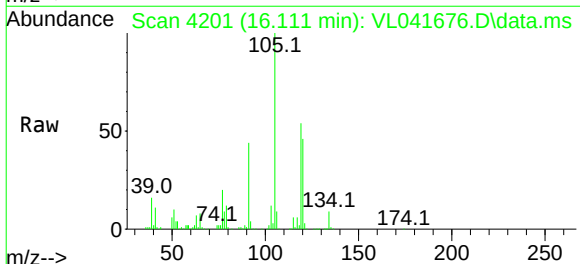
Ion Ratio Lower Upper

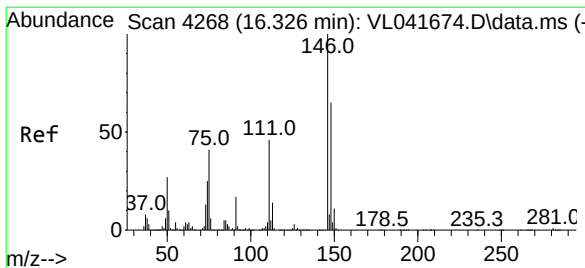
105 100

120 45.1 39.8 59.8

91 42.7 43.2 64.8#

77 18.7 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 1.028 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041676.D

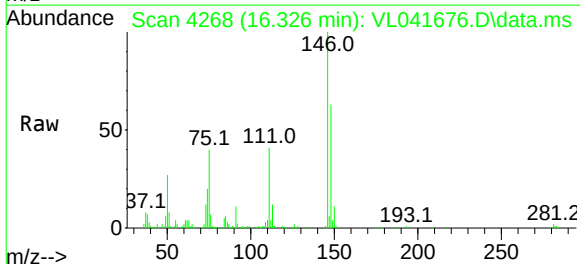
Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:146 Resp: 218228

Ion Ratio Lower Upper

146 100

111 46.5 22.8 68.3

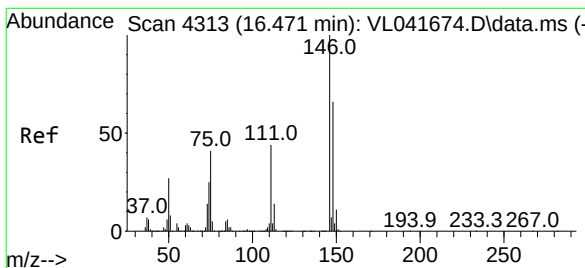
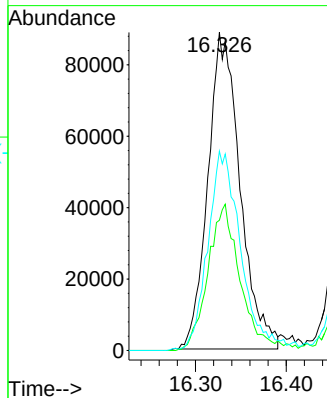
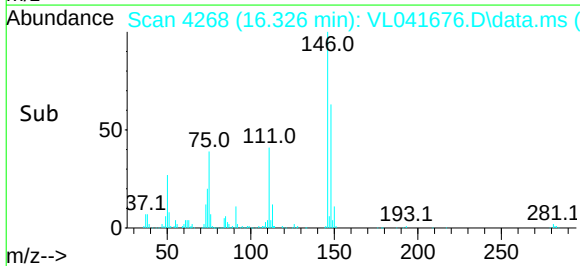
148 65.1 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#76

1,4-Dichlorobenzene

Concen: 0.973 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

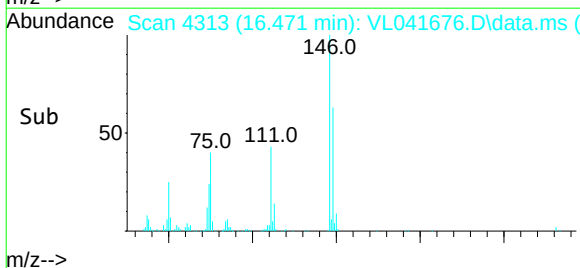
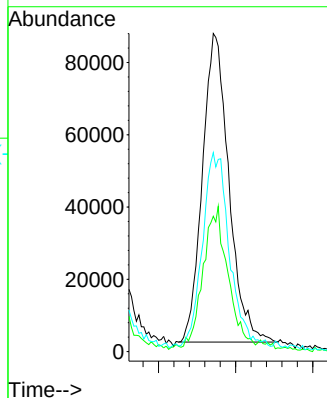
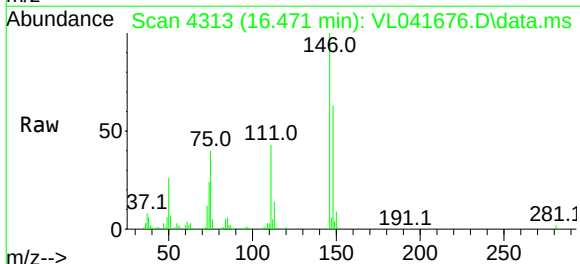
Tgt Ion:146 Resp: 203100

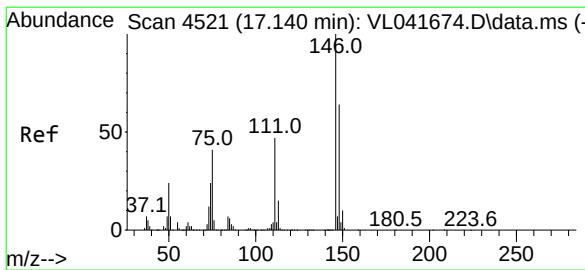
Ion Ratio Lower Upper

146 100

111 48.9 22.1 66.3

148 69.1 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 1.050 ppbv

RT: 17.143 min Scan# 4521

Delta R.T. 0.003 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

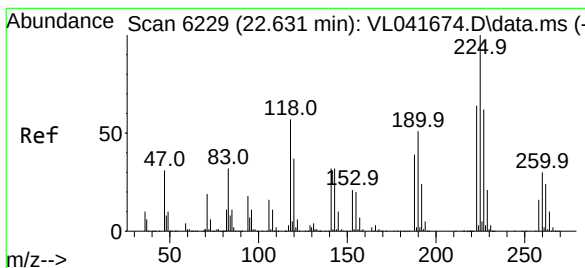
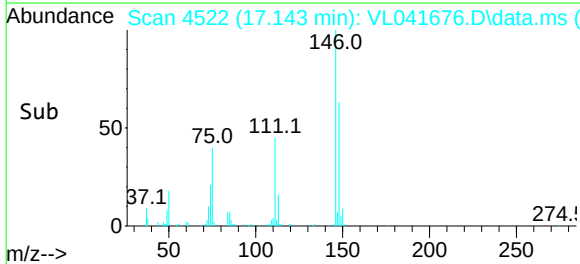
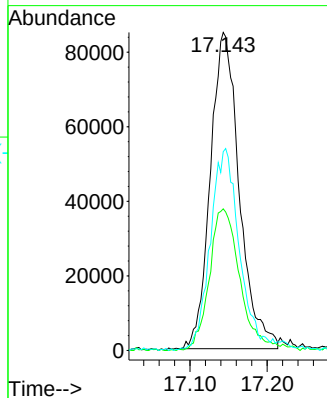
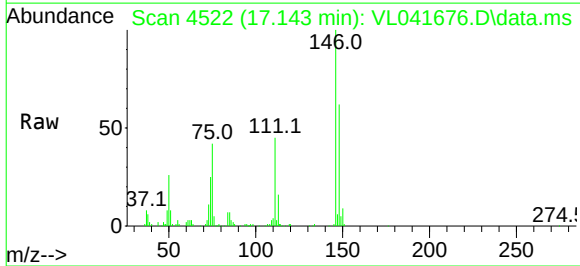
VSTDIC001

Tgt Ion:	146	Resp:	221404
Ion Ratio	Lower	Upper	
146	100		
111	48.3	23.4	70.3
148	66.2	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: 1.140 ppbv m

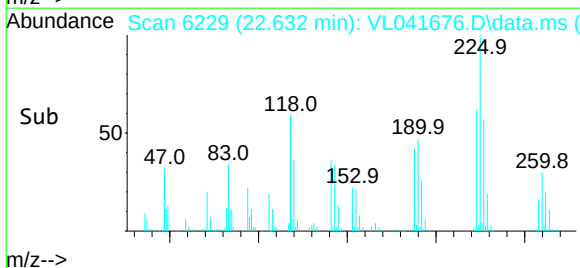
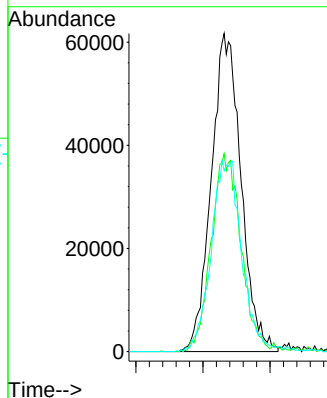
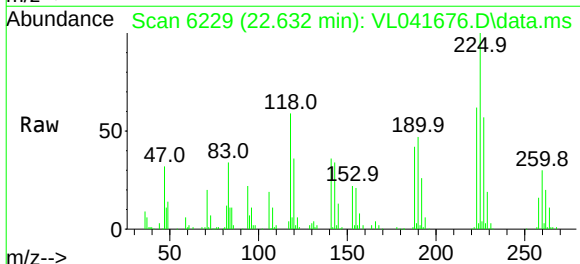
RT: 22.632 min Scan# 6229

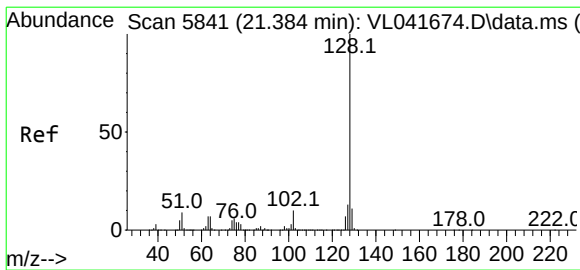
Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Tgt Ion:	225	Resp:	190183
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.1	76.7
227	62.1	51.3	76.9





#79

Naphthalene

Concen: 1.070 ppbv m

RT: 21.394 min Scan# 5841

Delta R.T. 0.010 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

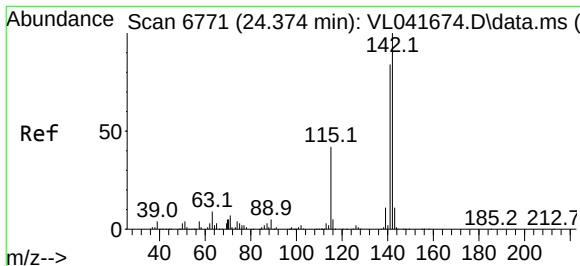
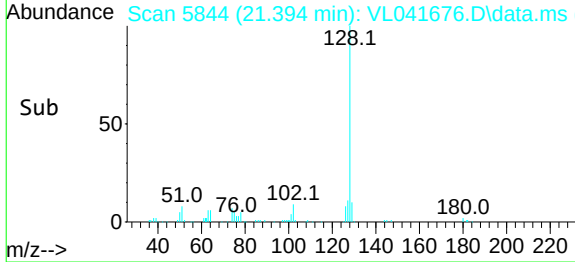
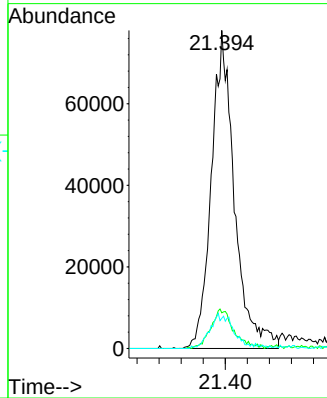
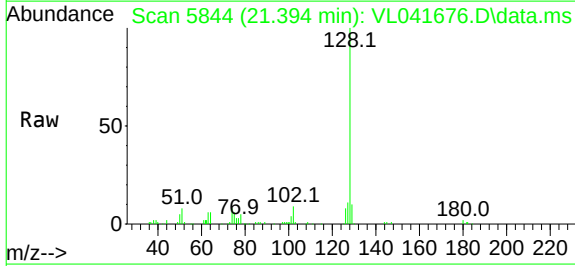
VSTDICC001

Tgt Ion:	128	Resp:	226301
Ion Ratio	Lower	Upper	
128	100		
127	11.2	10.5	15.7
129	9.5	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: 0.998 ppbv m

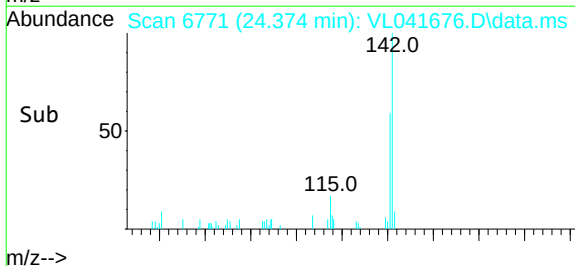
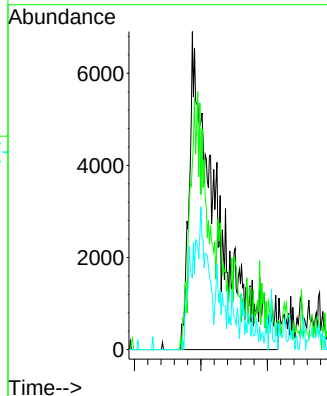
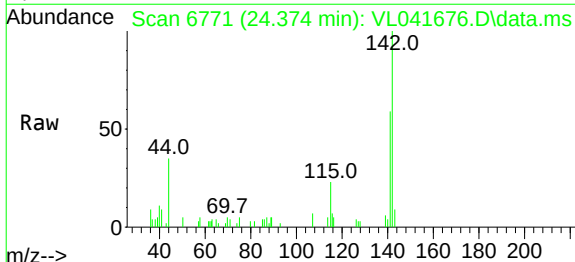
RT: 24.374 min Scan# 6771

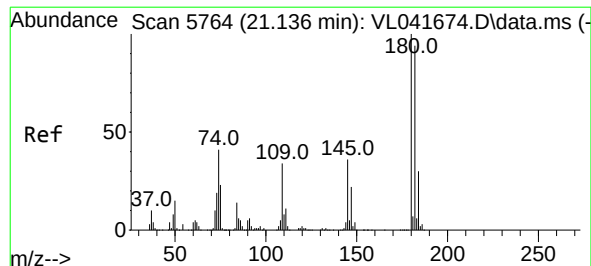
Delta R.T. 0.000 min

Lab File: VL041676.D

Acq: 7 Nov 2024 11:34

Tgt Ion:	142	Resp:	39140
Ion Ratio	Lower	Upper	
142	100		
141	48.6	68.1	102.1#
115	32.3	33.1	49.7#





#81

1,2,4-Trichlorobenzene

Concen: 1.054 ppbv m

RT: 21.146 min Scan# 57

Delta R.T. 0.010 min

Lab File: VL041676.D

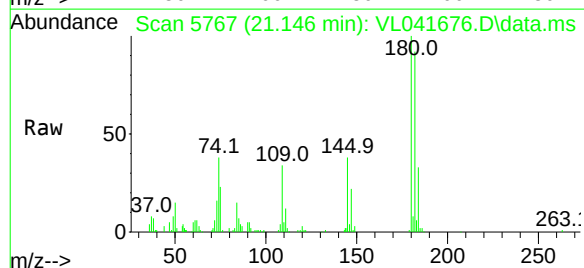
Acq: 7 Nov 2024 11:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 138641

Ion Ratio Lower Upper

180 100

182 93.4 78.2 117.2

184 30.6 25.0 37.4

Manual Integrations

APPROVED

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

