

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041036.D
 Acq On : 7 Feb 2024 11:57
 Operator : SY/MD
 Sample : VL0207ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:42:09 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1177529	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2987153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2922716	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2277574 10.317 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	2376311	9.137	ppbv	97
3) Chlorodifluoromethane	2.652	51	1800172	9.089	ppbv	99
4) Chloromethane	2.790	50	689487	9.288	ppbv	100
5) Vinyl Chloride	2.896	62	720431	9.898	ppbv	99
6) Bromomethane	3.095	94	295060	9.311	ppbv	90
7) Chloroethane	3.172	64	246141	9.392	ppbv	95
8) Dichlorotetrafluoroethane	2.835	85	1771939	9.120	ppbv	99
9) Propene	2.671	41	606814	9.341	ppbv	97
10) Heptane	7.555	43	1528341	9.559	ppbv	99
11) Trichlorofluoromethane	3.539	101	1952095	9.315	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1379514	9.083	ppbv	100
13) Ethanol	3.214	45	146662	9.473	ppbv	93
14) Bromoethene	3.343	108	566451	9.714	ppbv	99
15) Acetone	3.443	43	1290379	8.569	ppbv	99
16) 1,3-Butadiene	2.960	39	674068	9.357	ppbv	99
17) tert-Butyl alcohol	3.854	59	1214365	9.832	ppbv	100
18) 1,1-Dichloroethene	3.854	96	596032	9.166	ppbv	98
19) Isopropyl Alcohol	3.552	45	863492	9.906	ppbv	99
20) Methylene Chloride	3.909	84	493043	8.509	ppbv	97
21) Allyl Chloride	3.970	41	855868	9.355	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	640326	9.563	ppbv	98
23) Vinyl Acetate	4.600	43	1494505	9.628	ppbv	99
24) 1,1-Dichloroethane	4.539	63	1262910	9.172	ppbv	99
25) Ethyl Acetate	5.182	43	2574487	9.429	ppbv	100
26) Hexane	5.188	57	1112645	9.560	ppbv	98
27) Carbon Disulfide	4.098	76	1526560	10.080	ppbv	99
28) Methyl tert-Butyl Ether	4.561	73	863722	8.942	ppbv	98
29) Chloroform	5.250	83	1909210	9.249	ppbv	97
30) Cyclohexane	6.577	84	950053	9.743	ppbv	99
31) cis-1,2-Dichloroethene	5.053	61	1128790	10.334	ppbv	93
32) 1,1,1-Trichloroethane	5.979	97	1917388	9.719	ppbv	99
34) 2-Butanone	4.761	43	1400349	9.840	ppbv	100
35) Carbon Tetrachloride	6.468	117	2037080	10.226	ppbv	99
36) Benzene	6.346	78	2358050	9.558	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1457425	9.680	ppbv	100
38) Trichloroethene	7.269	130	951677	9.622	ppbv	97
39) 1,2-Dichloropropane	7.047	63	938878	9.661	ppbv	98
40) 1,4-Dioxane	7.259	88	418048	10.356	ppbv	89
41) Tetrahydrofuran	5.529	42	969186	10.030	ppbv	99
42) Bromodichloromethane	7.224	83	2129687	9.887	ppbv	99
43) Methyl Methacrylate	7.446	69	990739	10.407	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3962010	9.544	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	780020	11.992	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

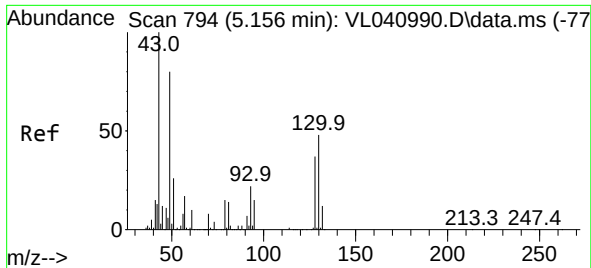
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

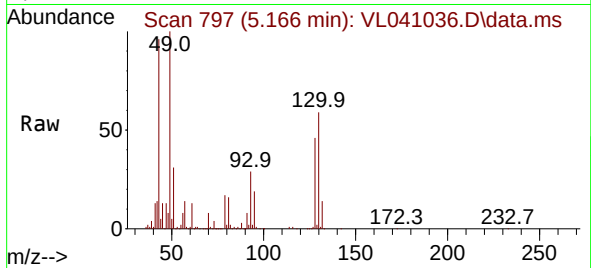
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	902550	11.126	ppbv	97
47) 1,1,2-Trichloroethane	8.873	97	1033315	9.864	ppbv	97
48) Dibromochloromethane	9.683	129	1825079	10.305	ppbv	99
49) Bromoform	12.381	173	1530766	11.019	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	2557627	10.205	ppbv	100
51) 2-Hexanone	9.526	43	1884400	10.431	ppbv #	99
52) Tetrachloroethene	10.587	164	839498	10.247	ppbv	97
53) Toluene	9.195	91	2748615	10.170	ppbv	99
54) 1,2-Dibromoethane	9.982	107	1491872	10.516	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.484	131	1333024	9.506	ppbv	99
57) Chlorobenzene	11.503	112	2169721	9.229	ppbv	99
58) Ethyl Benzene	12.063	91	3793639	9.666	ppbv	100
59) m/p-Xylene	12.349	91	6525733m	19.070	ppbv	
60) o-Xylene	13.034	91	3150747	9.597	ppbv	100
61) Styrene	12.873	104	1603127	10.634	ppbv	99
62) Isopropylbenzene	14.005	105	4571636	9.416	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	2354709	9.228	ppbv	99
64) n-propylbenzene	14.892	120	1179373	9.614	ppbv	99
65) tert-Butylbenzene	16.066	119	4018728	9.473	ppbv	100
66) Benzyl Chloride	16.301	91	301553	10.848	ppbv	98
67) sec-Butylbenzene	16.609	105	5679391	9.194	ppbv	99
69) p-Isopropyltoluene	16.969	119	4581331	9.575	ppbv	100
70) n-Butylbenzene	17.860	91	4918429	9.513	ppbv	100
71) 2-Chlorotoluene	14.777	91	3585890	9.572	ppbv	100
72) 4-Ethyltoluene	15.166	105	3652397	9.961	ppbv	99
73) 1,3,5-Trimethylbenzene	15.330	105	3136805	9.639	ppbv	99
74) 1,2,4-Trimethylbenzene	16.085	105	3461461	9.383	ppbv #	89
75) 1,3-Dichlorobenzene	16.304	146	1998641	9.520	ppbv	99
76) 1,4-Dichlorobenzene	16.448	146	1949469	9.410	ppbv	100
77) 1,2-Dichlorobenzene	17.117	146	1952821	9.358	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1108287	8.236	ppbv	99
79) Naphthalene	21.355	128	2483840	11.803	ppbv	99
80) Naphthalene,2-methyl-	24.352	142	464376	12.564	ppbv	96
81) 1,2,4-Trichlorobenzene	21.114	180	1219730	9.934	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 794
Delta R.T. -0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

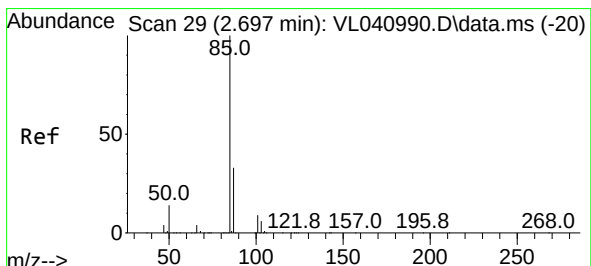
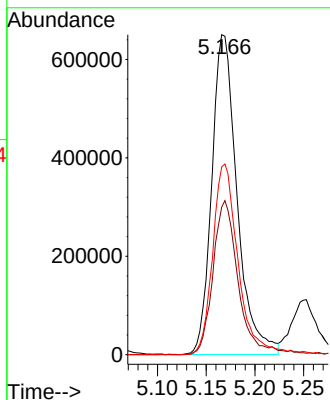
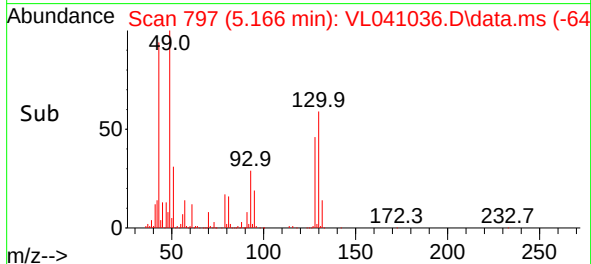
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



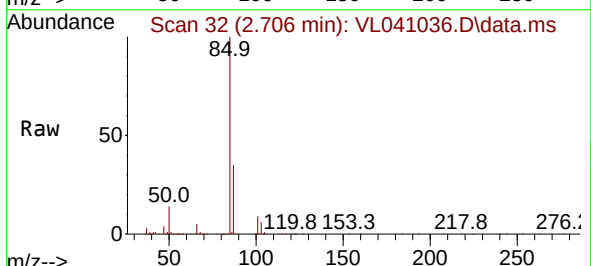
Tgt Ion: 49 Resp: 1177529
Ion Ratio Lower Upper
49 100
128 48.8 23.9 71.7
130 60.5 31.1 93.5

Manual Integrations
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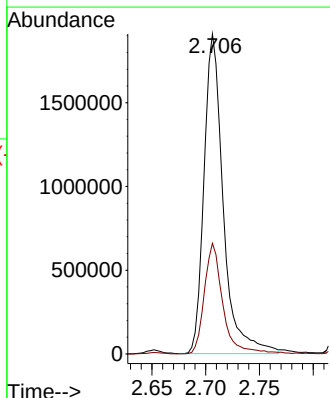
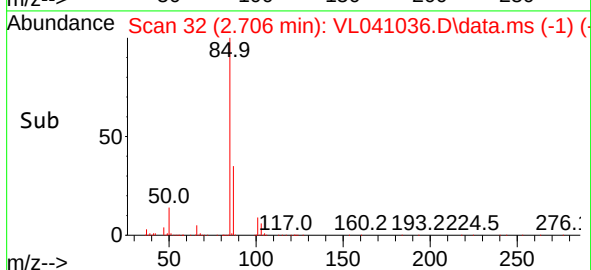
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

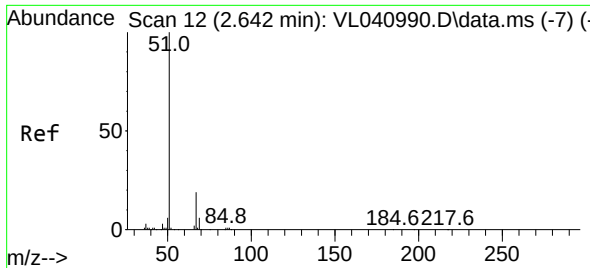


#2
Dichlorodifluoromethane
Concen: 9.137 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



Tgt Ion: 85 Resp: 2376311
Ion Ratio Lower Upper
85 100
87 34.6 26.3 39.5





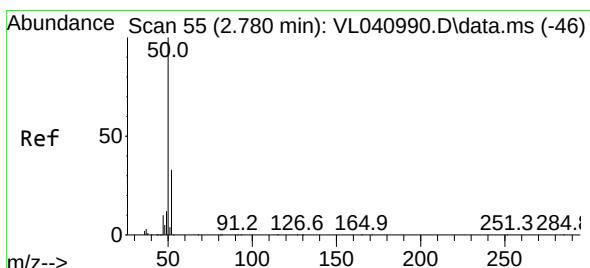
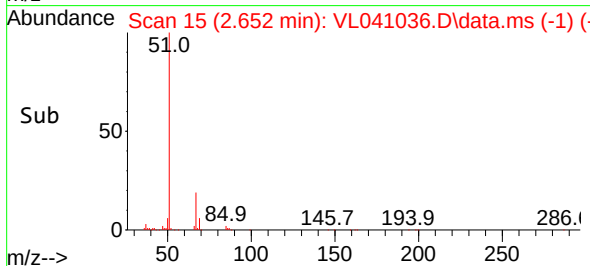
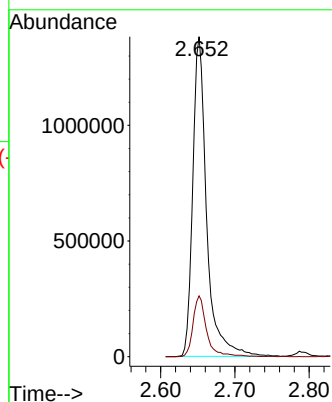
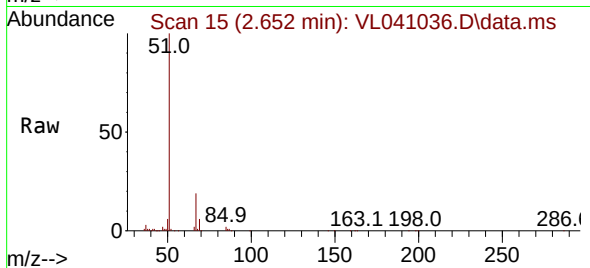
#3
Chlorodifluoromethane
Concen: 9.089 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 51 Resp: 1800172
Ion Ratio Lower Upper
51 100
67 18.8 14.8 22.2

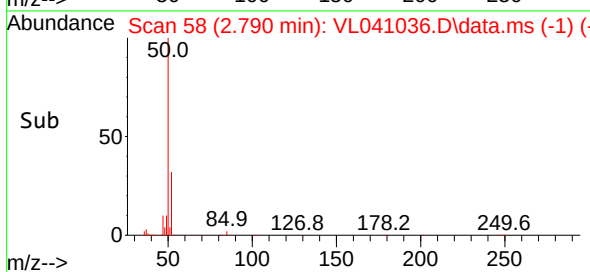
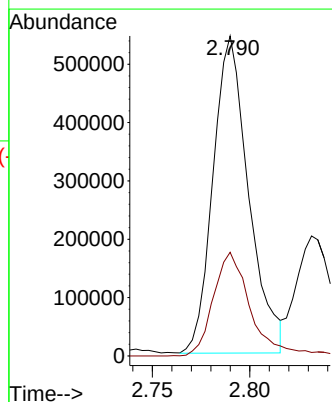
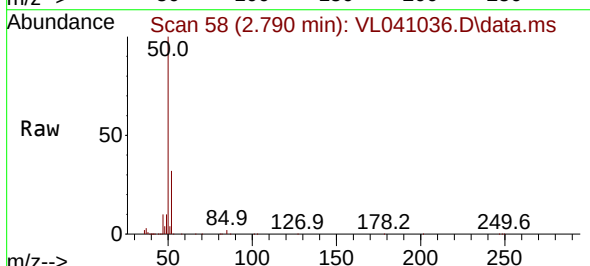
Manual Integrations
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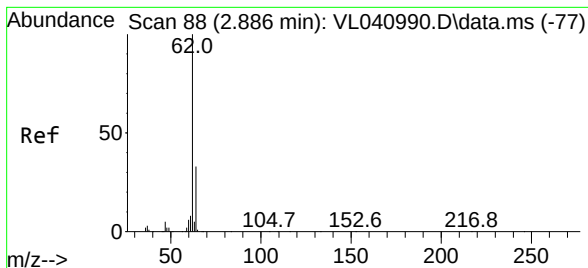
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#4
Chloromethane
Concen: 9.288 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 50 Resp: 689487
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4





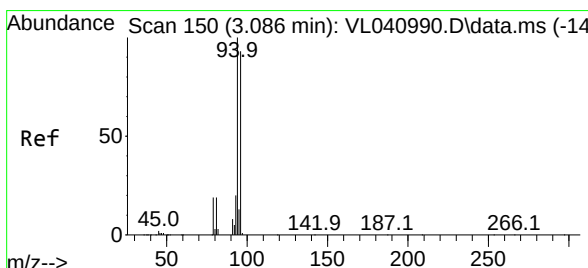
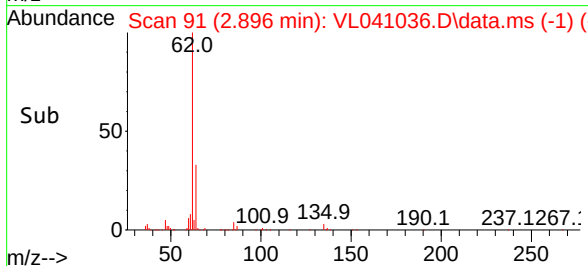
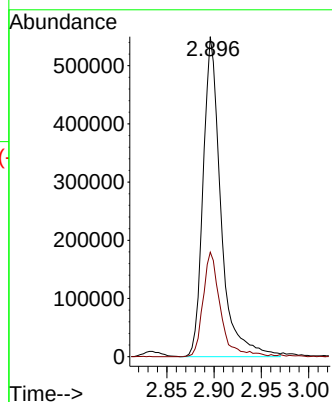
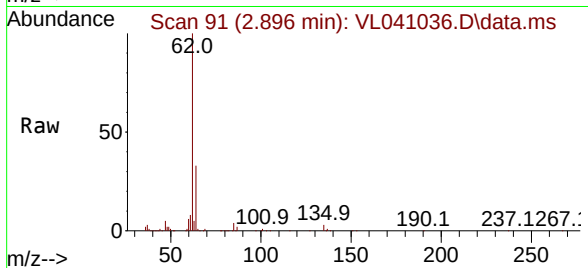
#5
 Vinyl Chloride
 Concen: 9.898 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

Tgt Ion: 62 Resp: 72043
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.6 40.0

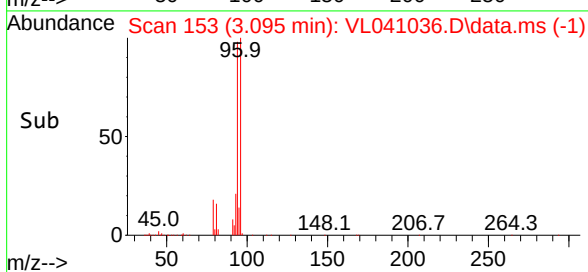
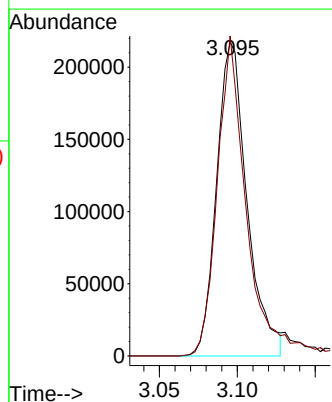
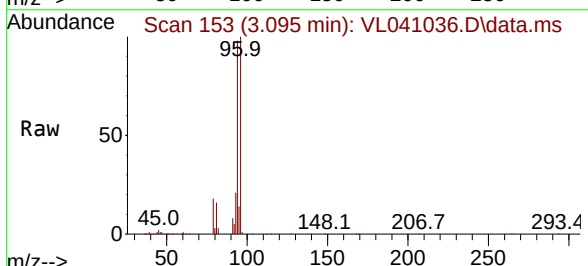
Manual Integrations
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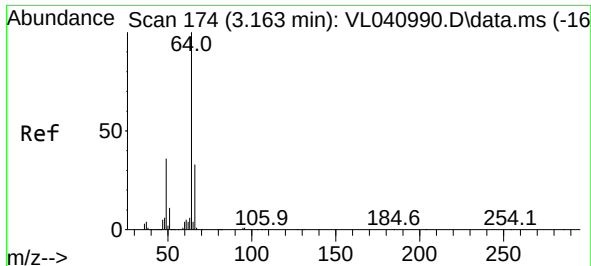
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#6
 Bromomethane
 Concen: 9.311 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 94 Resp: 295060
 Ion Ratio Lower Upper
 94 100
 96 101.9 74.2 111.4





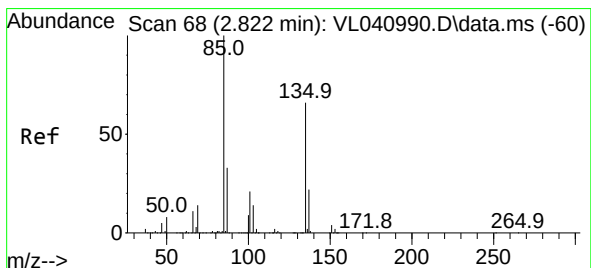
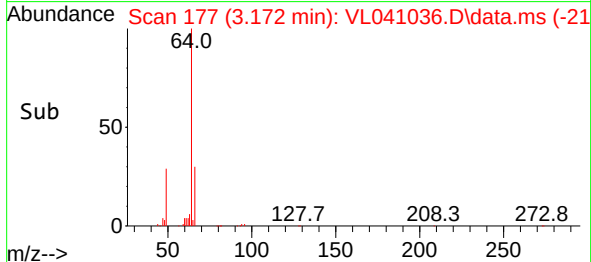
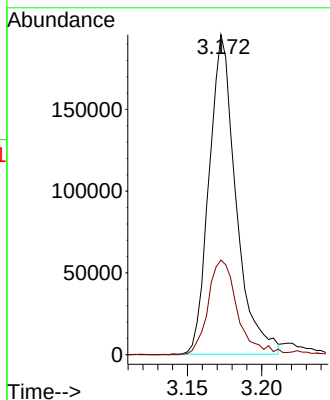
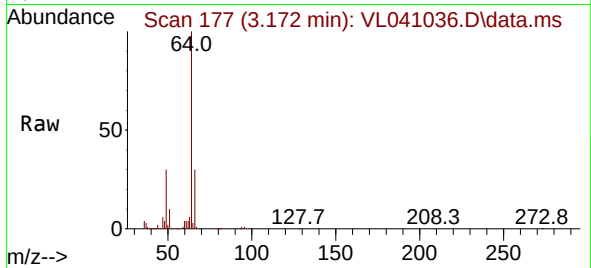
#7
Chloroethane
Concen: 9.392 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 64 Resp: 24614
Ion Ratio Lower Upper
64 100
66 29.6 26.0 39.0

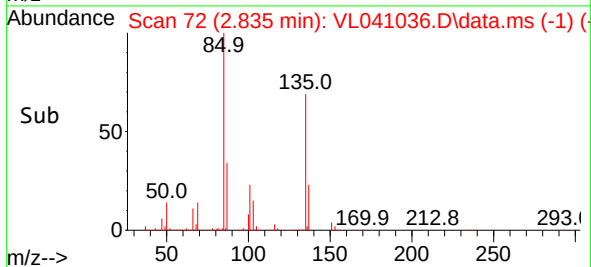
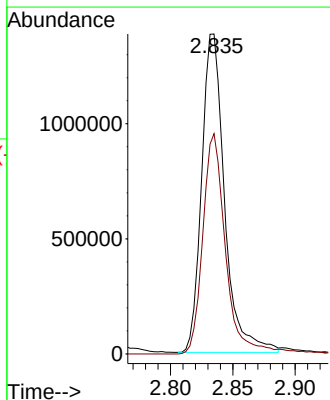
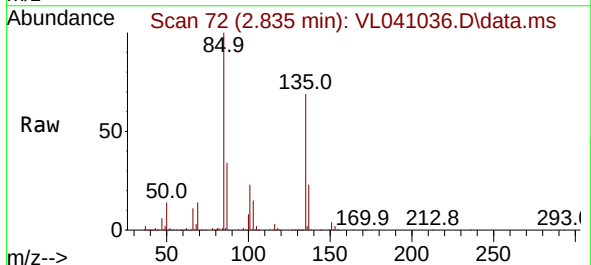
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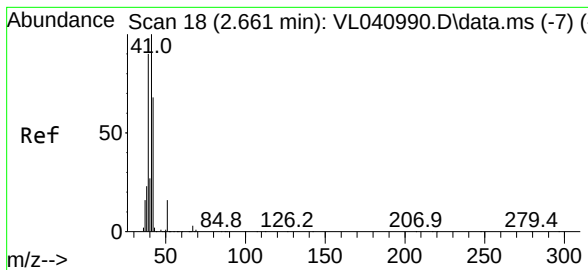
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#8
Dichlorotetrafluoroethane
Concen: 9.120 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

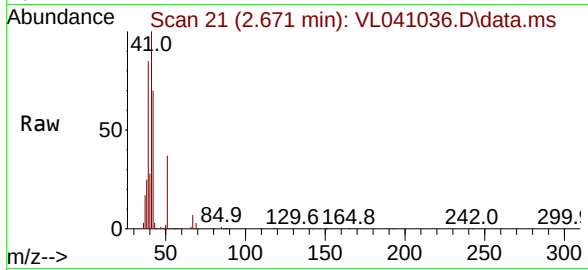
Tgt Ion: 85 Resp: 1771939
Ion Ratio Lower Upper
85 100
135 69.7 55.0 82.6





#9
Propene
Concen: 9.341 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

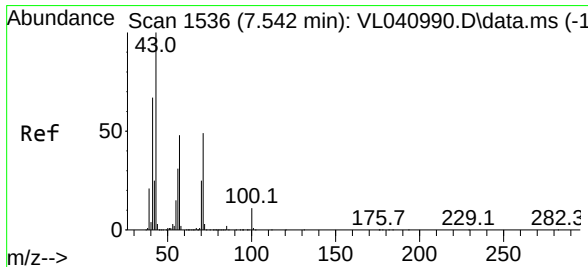
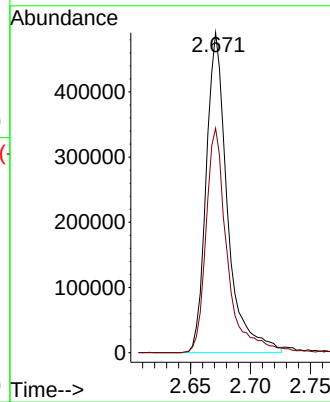
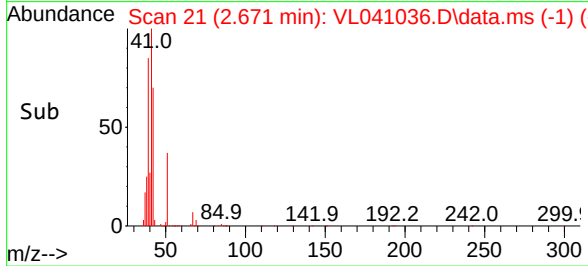
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion: 41 Resp: 606814
Ion Ratio Lower Upper
41 100
42 71.0 59.0 88.4

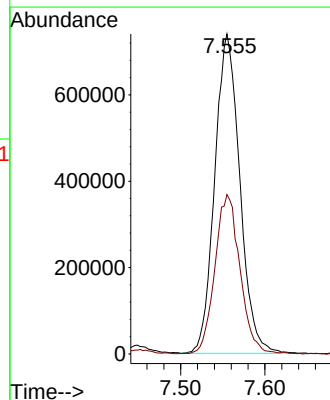
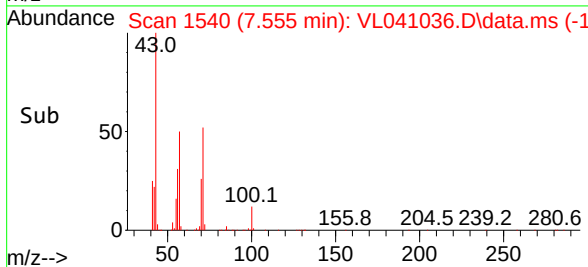
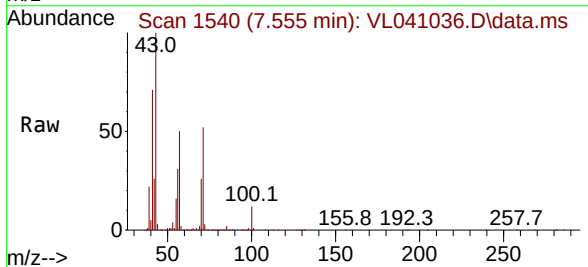
Manual Integrations
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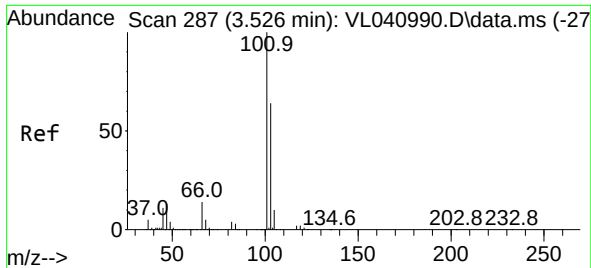
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Heptane
Concen: 9.559 ppbv
RT: 7.555 min Scan# 1540
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 43 Resp: 1528341
Ion Ratio Lower Upper
43 100
57 50.0 39.4 59.2





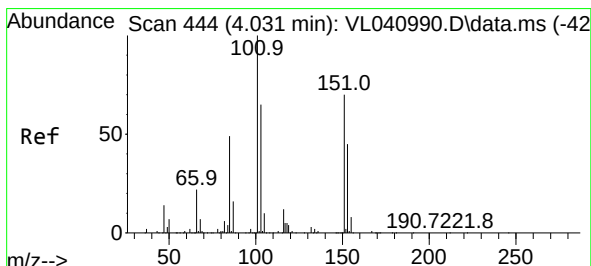
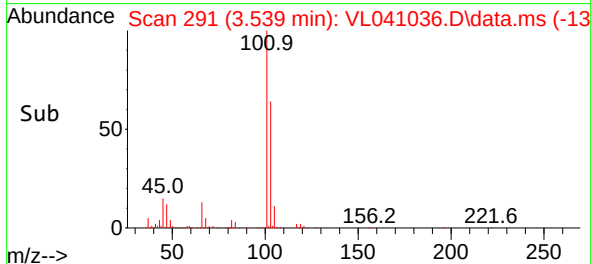
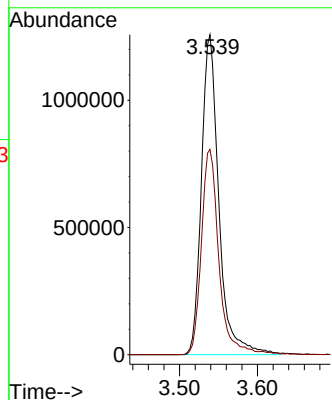
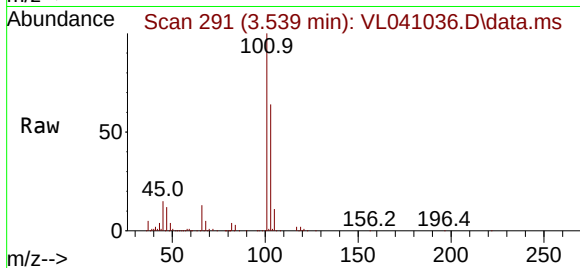
#11
 Trichlorofluoromethane
 Concen: 9.315 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.006 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01

Tgt Ion:101 Resp: 195209
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2

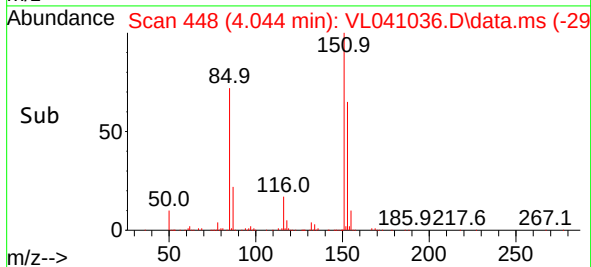
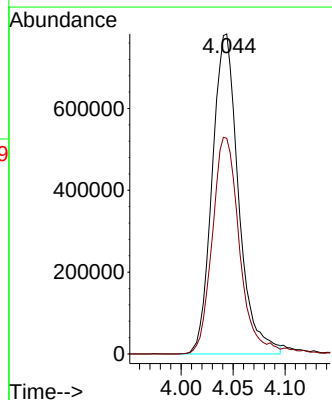
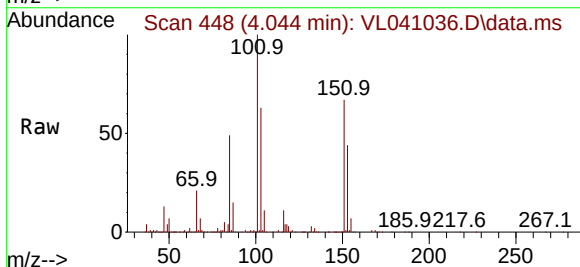
Manual Integrations
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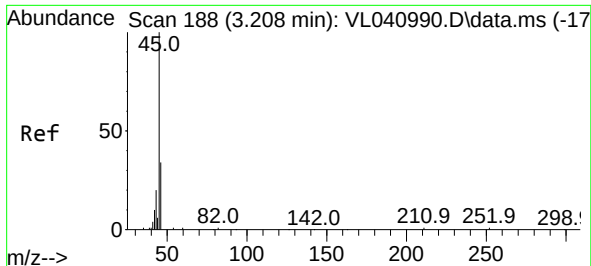
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.083 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

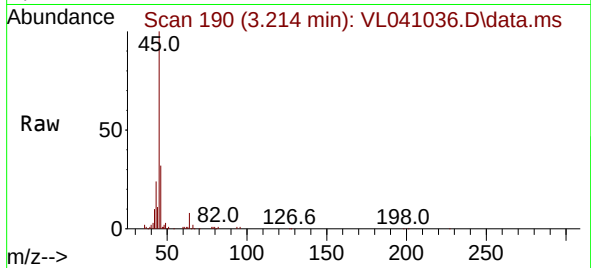
Tgt Ion:101 Resp: 1379514
 Ion Ratio Lower Upper
 101 100
 151 71.0 56.6 85.0





#13
Ethanol
Concen: 9.473 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

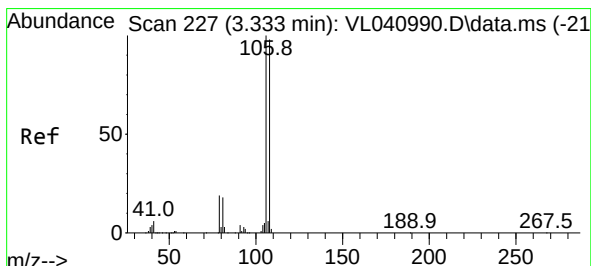
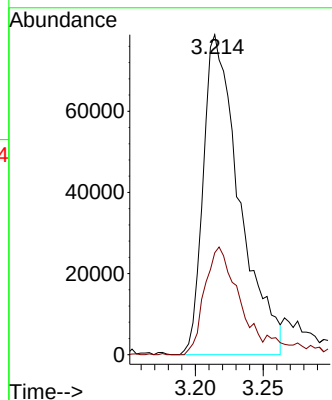
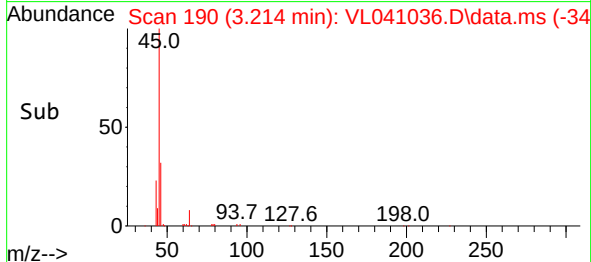
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



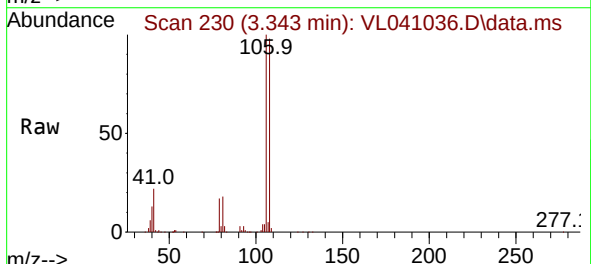
Tgt Ion: 45 Resp: 146662
Ion Ratio Lower Upper
45 100
46 36.2 16.2 64.8

Manual Integrations
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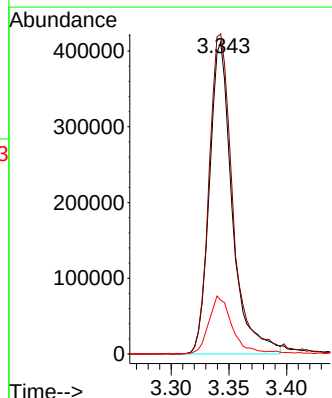
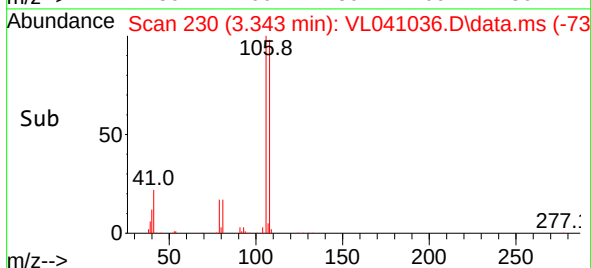
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

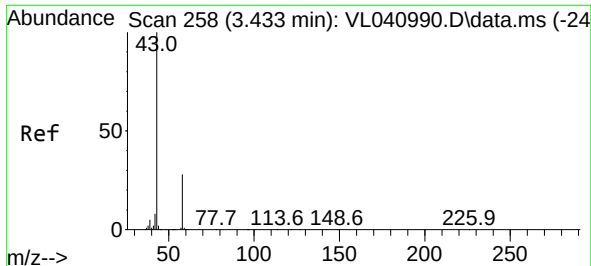


#14
Bromoethene
Concen: 9.714 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



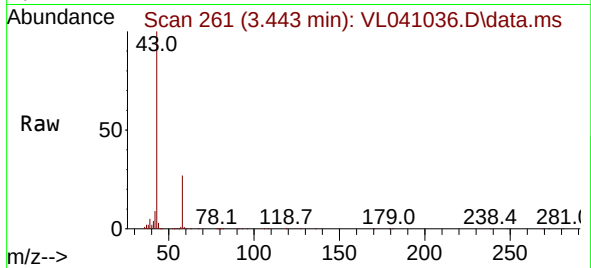
Tgt Ion:108 Resp: 566451
Ion Ratio Lower Upper
108 100
106 109.5 86.4 129.6
79 19.7 16.2 24.4





#15
Acetone
Concen: 8.569 ppbv
RT: 3.443 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

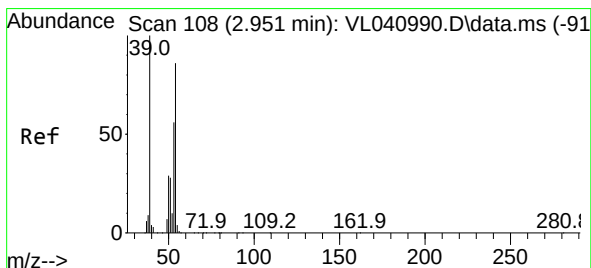
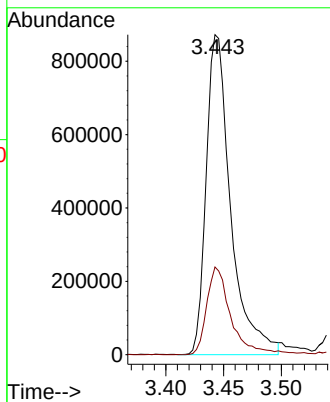
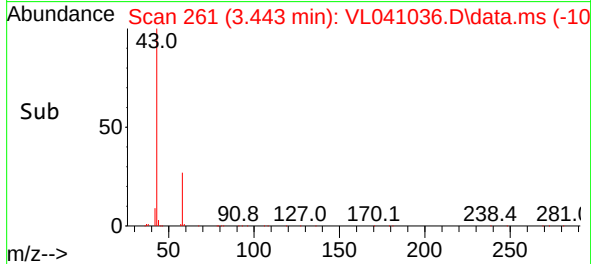
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



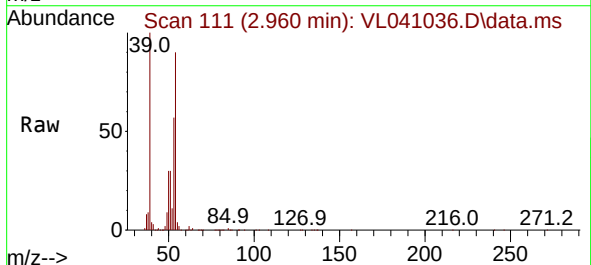
Tgt Ion: 43 Resp: 1290379
Ion Ratio Lower Upper
43 100
58 27.2 22.2 33.2

Manual Integrations
APPROVED

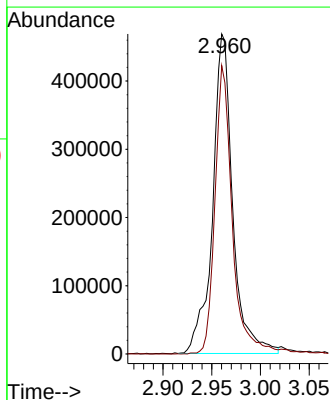
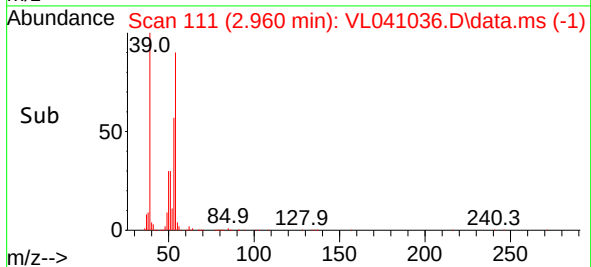
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

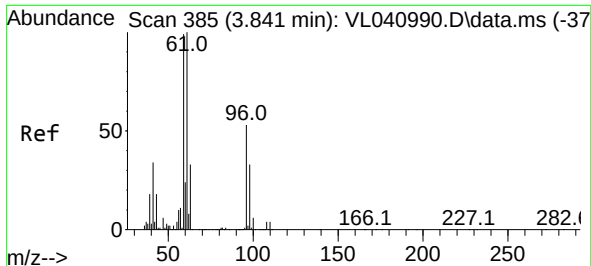


#16
1,3-Butadiene
Concen: 9.357 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



Tgt Ion: 39 Resp: 674068
Ion Ratio Lower Upper
39 100
54 79.0 62.7 94.1





#17

tert-Butyl alcohol

Concen: 9.832 ppbv

RT: 3.854 min Scan# 389

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 59 Resp: 121436

Ion Ratio Lower Upper

59 100

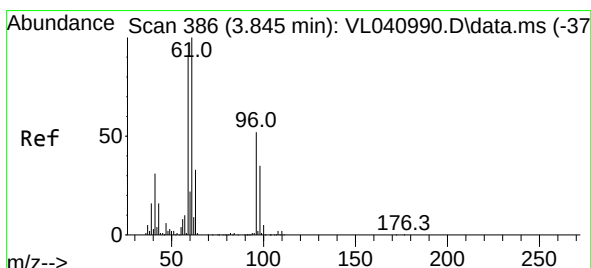
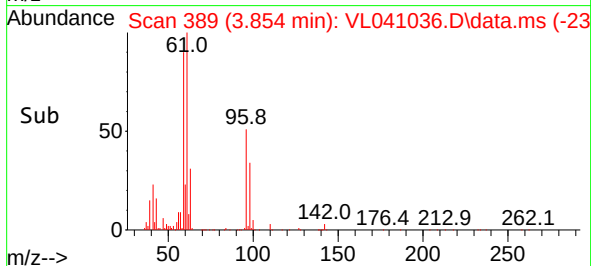
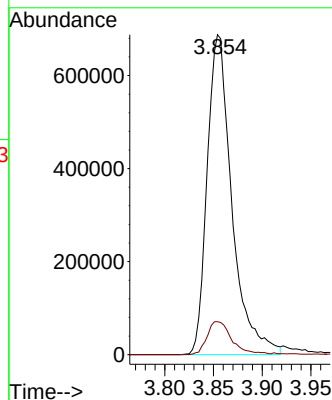
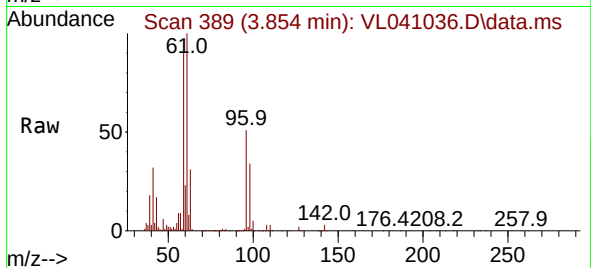
57 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#18

1,1-Dichloroethene

Concen: 9.166 ppbv

RT: 3.854 min Scan# 389

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

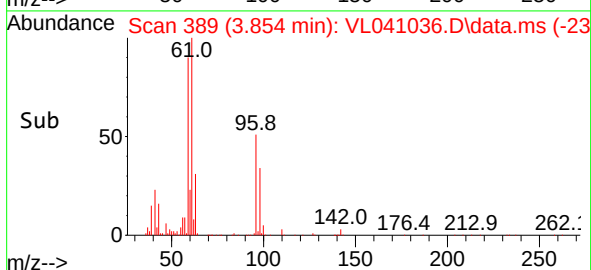
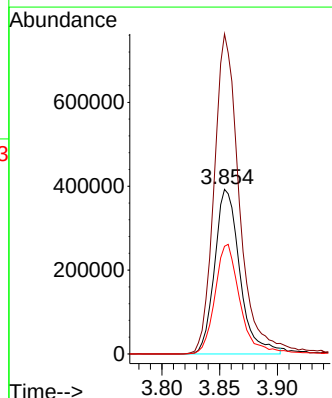
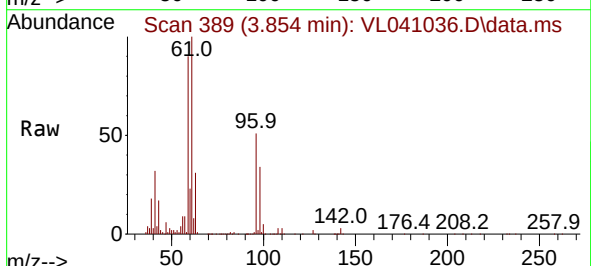
Tgt Ion: 96 Resp: 596032

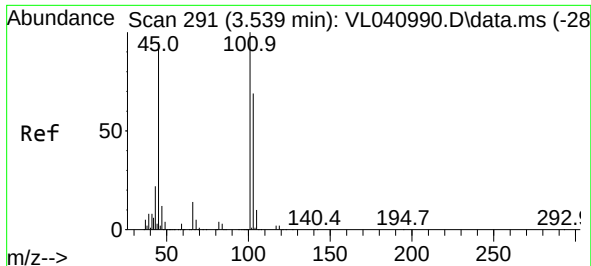
Ion Ratio Lower Upper

96 100

61 194.3 153.8 230.8

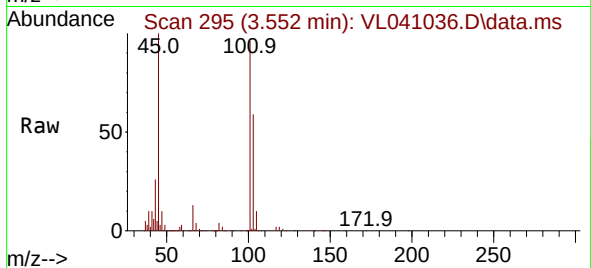
98 65.3 53.7 80.5





#19
Isopropyl Alcohol
Concen: 9.906 ppbv
RT: 3.552 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

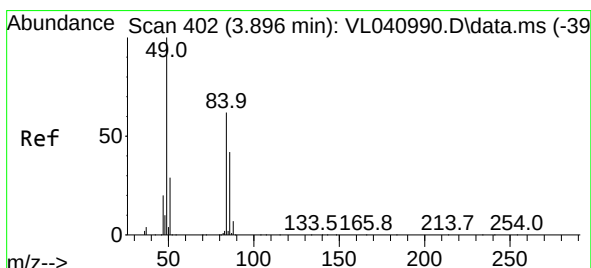
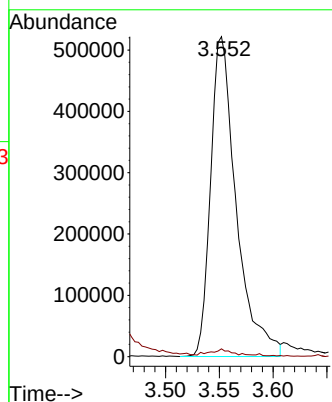
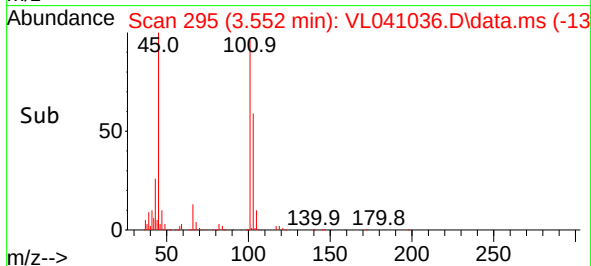
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



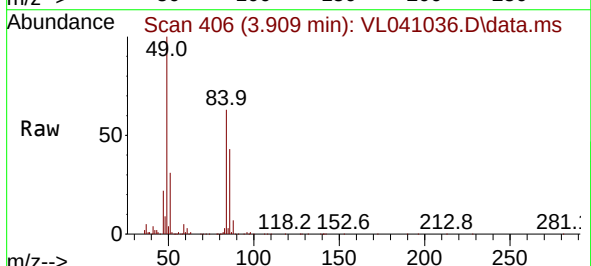
Tgt Ion: 45 Resp: 863492
Ion Ratio Lower Upper
45 100
58 2.4 2.2 3.4

Manual Integrations
APPROVED

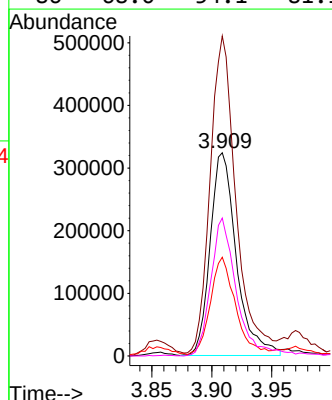
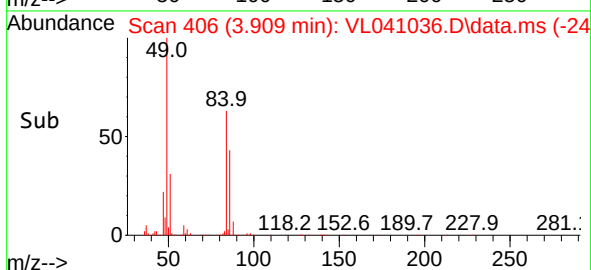
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

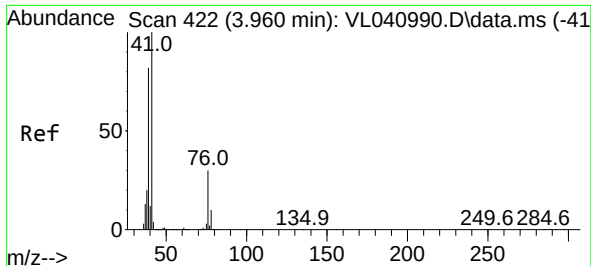


#20
Methylene Chloride
Concen: 8.509 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



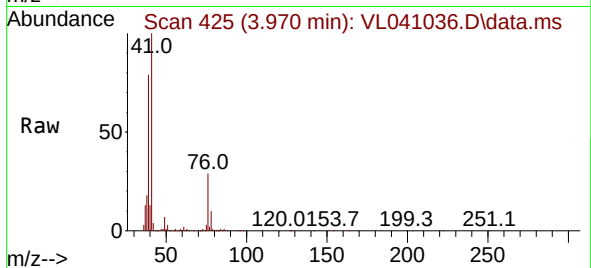
Tgt Ion: 84 Resp: 493043
Ion Ratio Lower Upper
84 100
49 155.8 128.1 192.1
51 47.5 36.5 54.7
86 68.0 54.1 81.1





#21
 Allyl Chloride
 Concen: 9.355 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

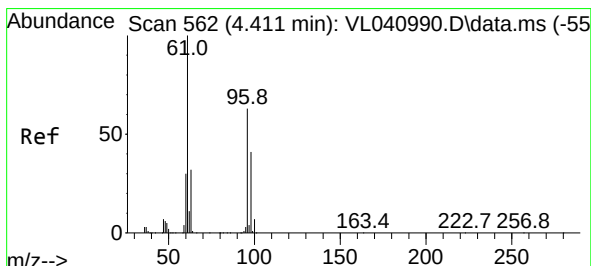
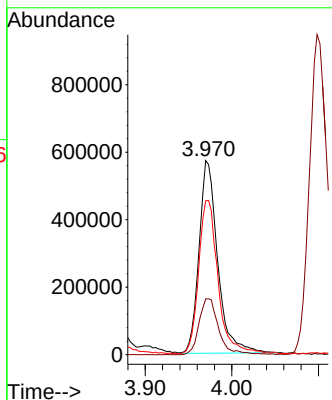
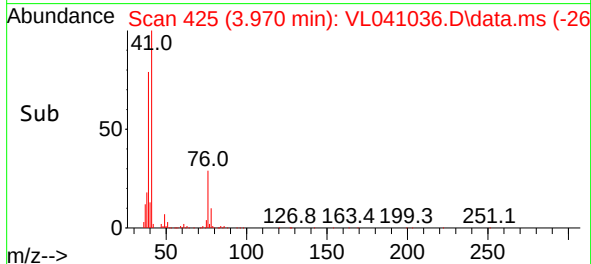
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01



Tgt Ion: 41 Resp: 85586
 Ion Ratio Lower Upper
 41 100
 76 30.6 25.0 37.4
 39 83.6 67.0 100.6

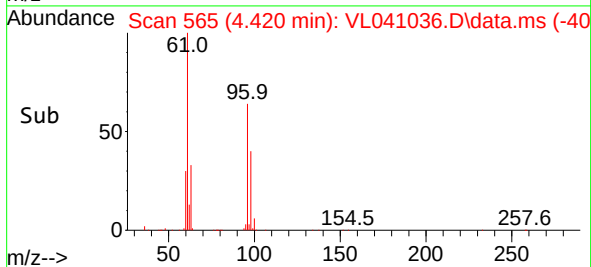
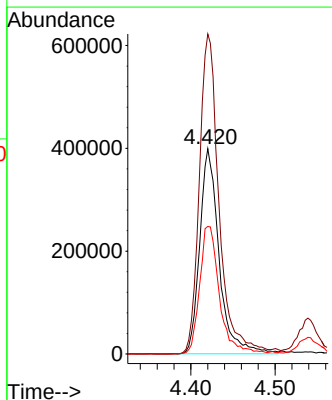
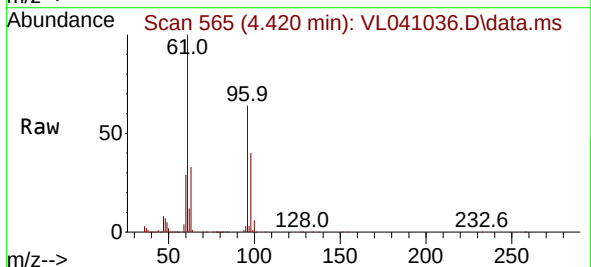
Manual Integrations
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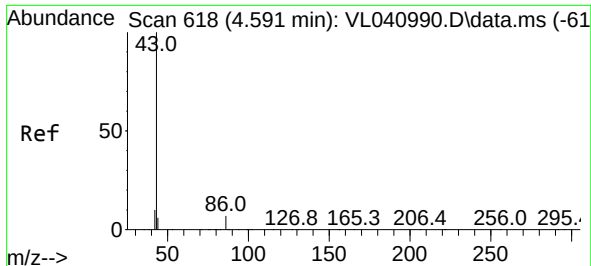
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.563 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Tgt Ion: 96 Resp: 640326
 Ion Ratio Lower Upper
 96 100
 61 155.9 126.0 189.0
 98 62.1 51.2 76.8





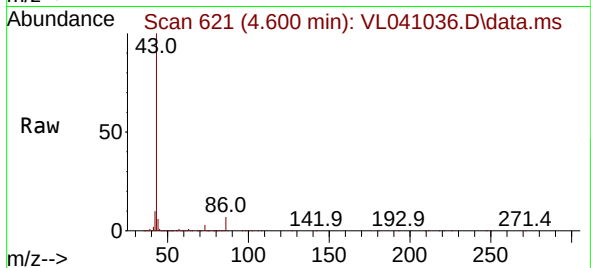
#23
 Vinyl Acetate
 Concen: 9.628 ppbv
 RT: 4.600 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

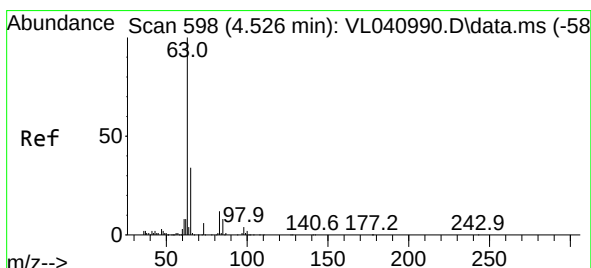
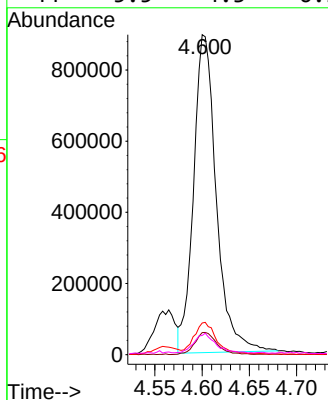
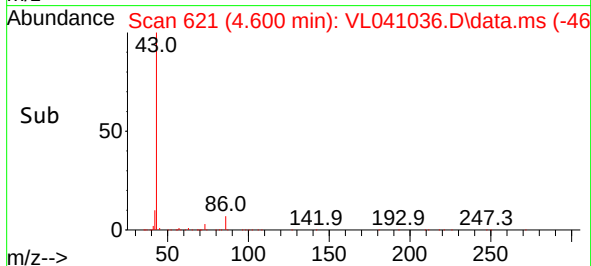


Tgt Ion: 43 Resp: 149450
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.4 8.0
 42 9.8 8.6 13.0
 44 5.5 4.3 6.5

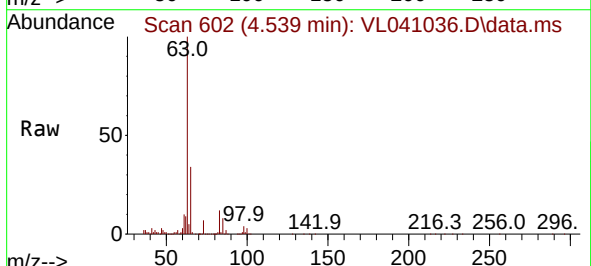
Manual Integrations

APPROVED

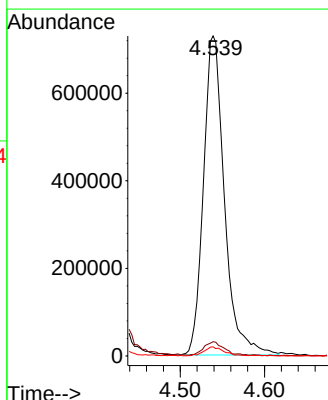
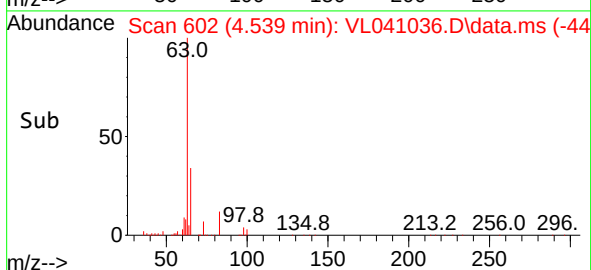
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

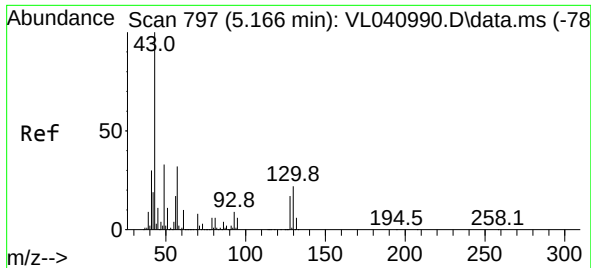


#24
 1,1-Dichloroethane
 Concen: 9.172 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57



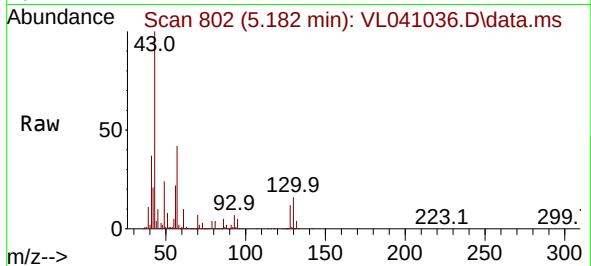
Tgt Ion: 63 Resp: 1262910
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.3
 100 2.9 1.3 3.9





#25
Ethyl Acetate
Concen: 9.429 ppbv
RT: 5.182 min Scan# 802
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

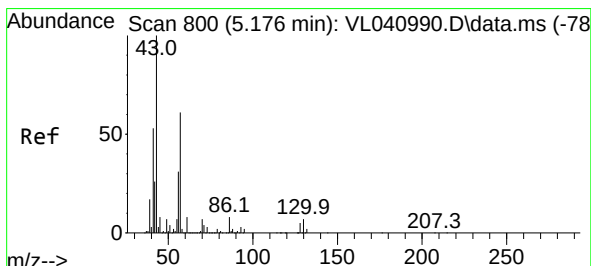
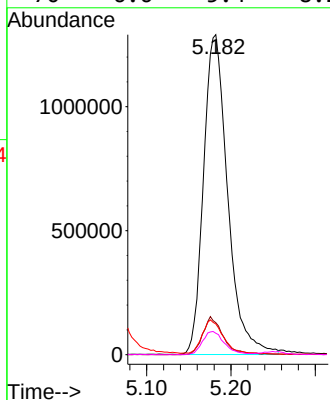
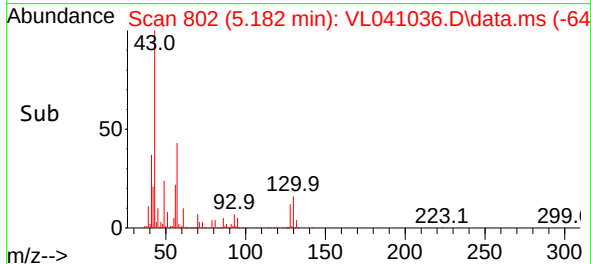
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



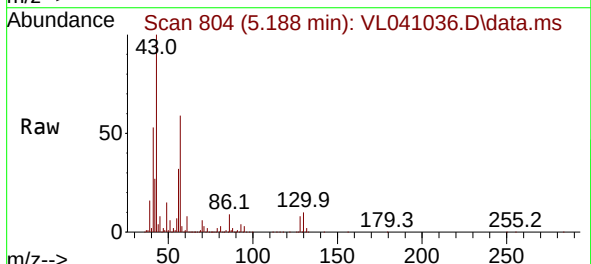
Tgt Ion: 43 Resp: 257448
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.0 7.9 11.9
70 6.6 5.4 8.2

Manual Integrations
APPROVED

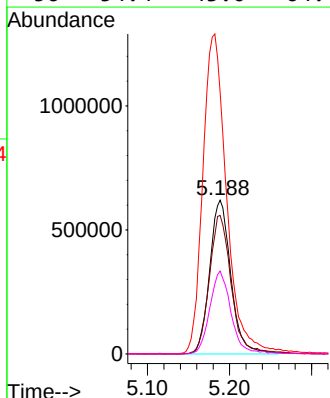
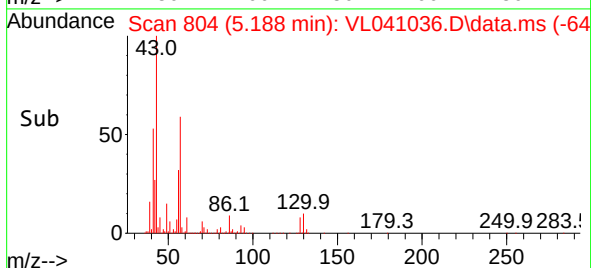
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

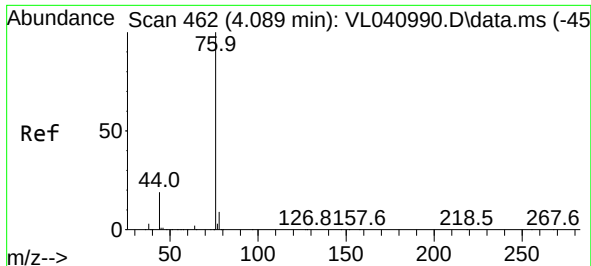


#26
Hexane
Concen: 9.560 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



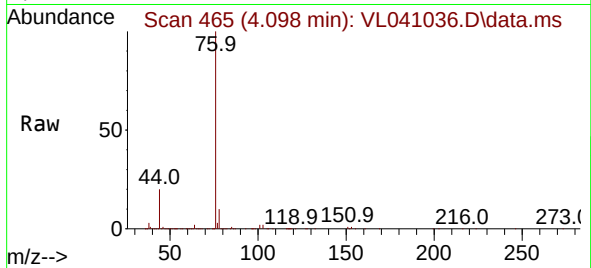
Tgt Ion: 57 Resp: 1112645
Ion Ratio Lower Upper
57 100
41 93.7 74.4 111.6
43 234.2 190.6 285.8
56 54.4 43.0 64.4





#27
Carbon Disulfide
Concen: 10.080 ppbv
RT: 4.098 min Scan# 409
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

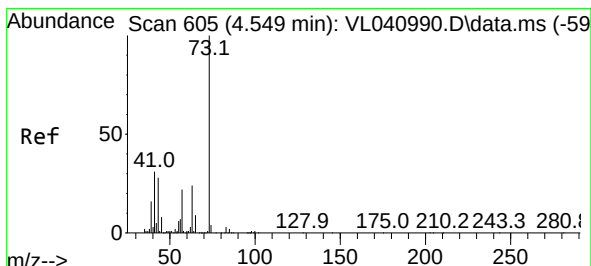
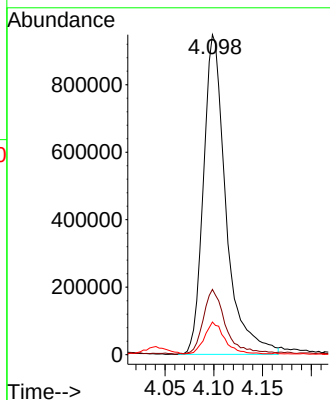
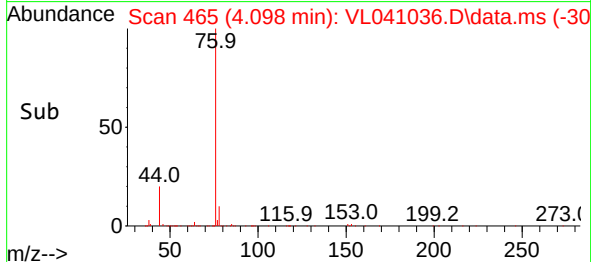
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion: 76 Resp: 1526560
Ion Ratio Lower Upper
76 100
44 20.1 16.0 24.0
78 9.0 7.8 11.8

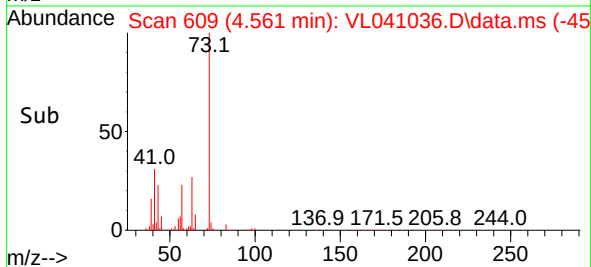
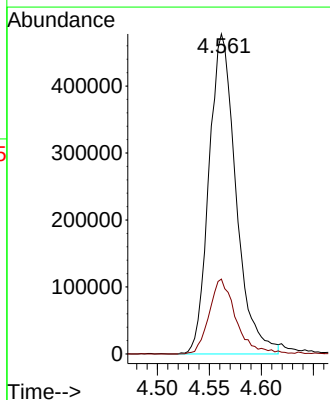
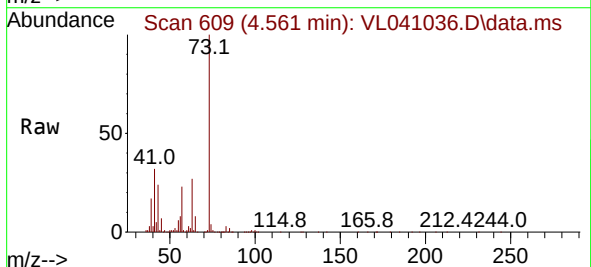
Manual Integrations
APPROVED

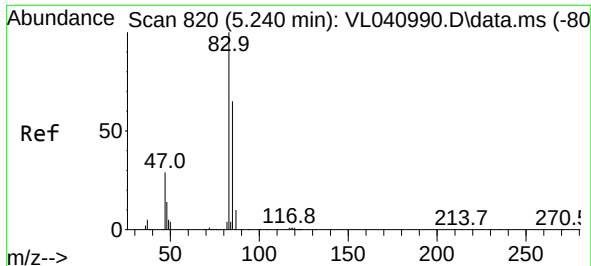
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#28
Methyl tert-Butyl Ether
Concen: 8.942 ppbv
RT: 4.561 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 73 Resp: 863722
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 9.249 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041036.D

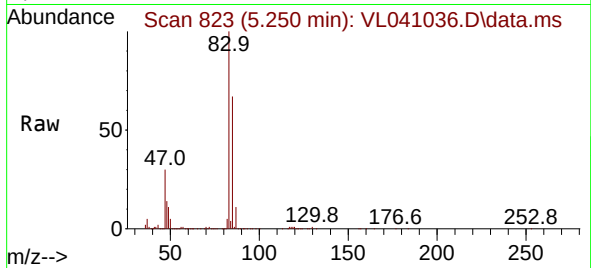
Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01



Tgt Ion: 83 Resp: 1909210

Ion Ratio Lower Upper

83 100

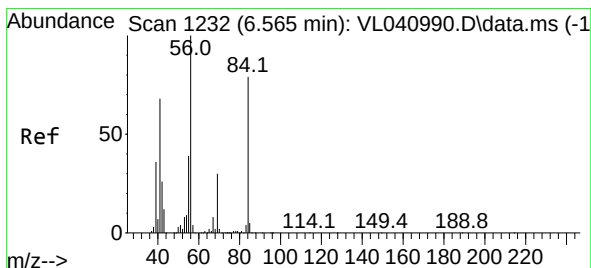
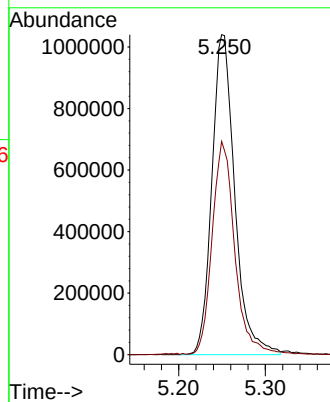
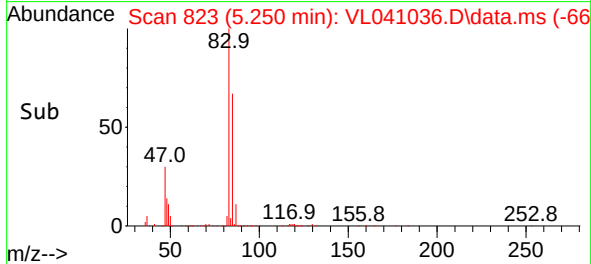
85 66.5 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#30

Cyclohexane

Concen: 9.743 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

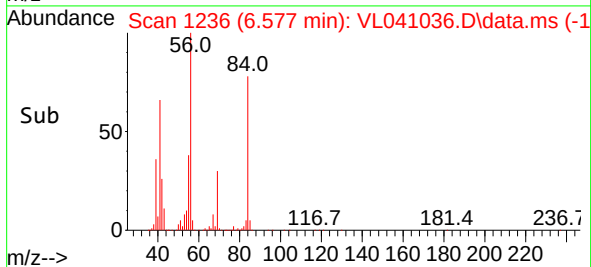
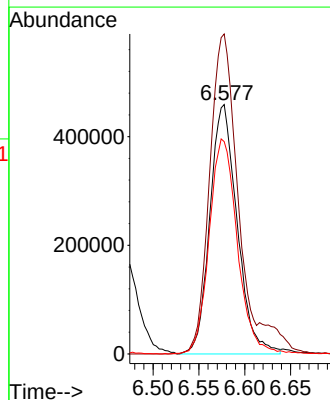
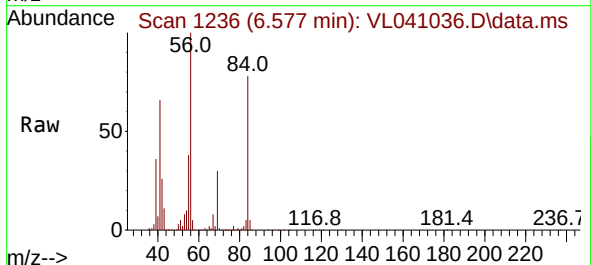
Tgt Ion: 84 Resp: 950053

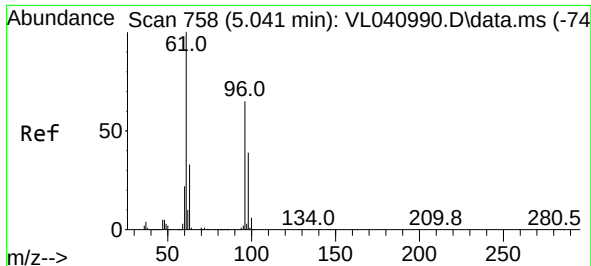
Ion Ratio Lower Upper

84 100

56 138.5 111.7 167.5

41 88.8 71.0 106.6





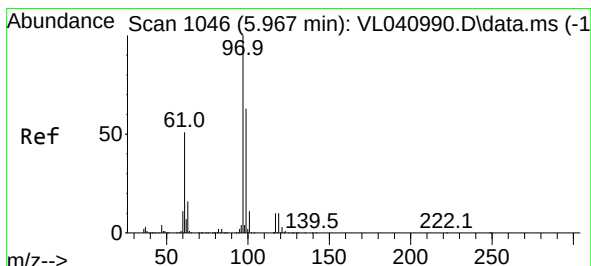
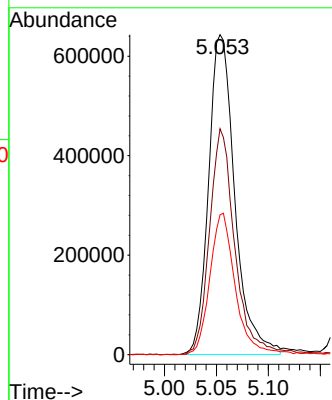
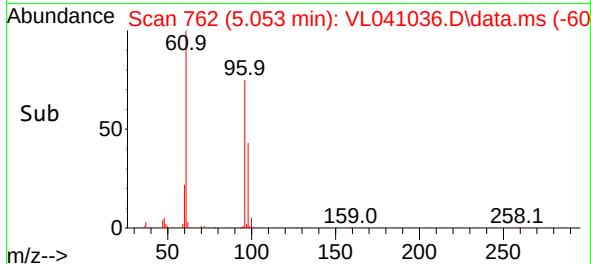
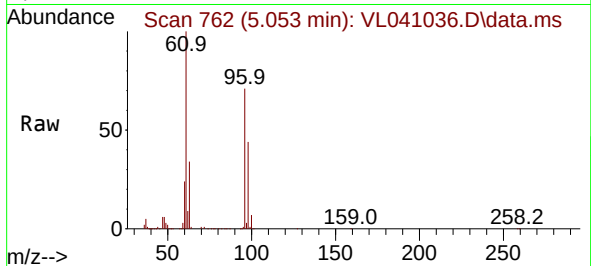
#31
cis-1,2-Dichloroethene
Concen: 10.334 ppbv
RT: 5.053 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 61 Resp: 1128790
Ion Ratio Lower Upper
61 100
96 70.5 51.9 77.9
98 43.7 31.5 47.3

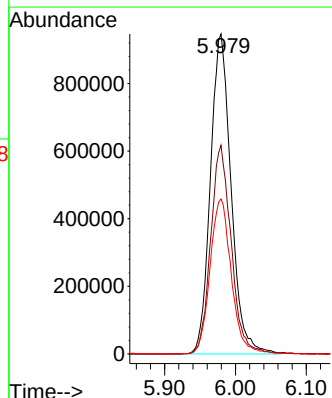
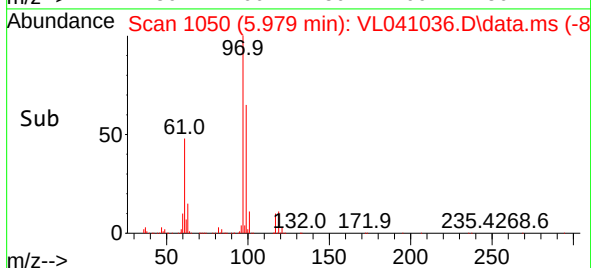
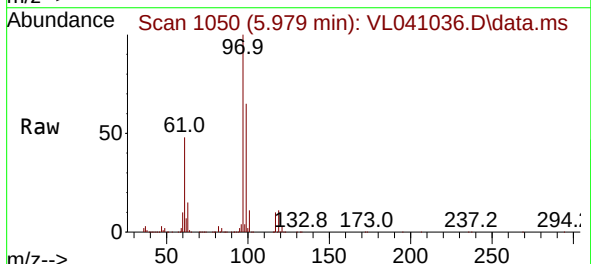
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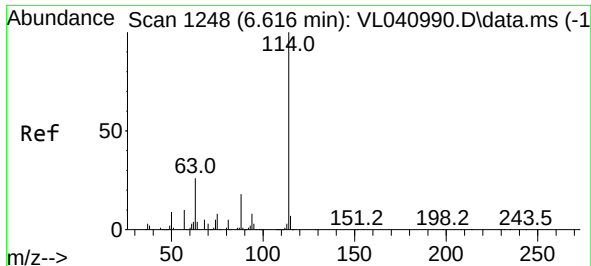
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#32
1,1,1-Trichloroethane
Concen: 9.719 ppbv
RT: 5.979 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 97 Resp: 1917388
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 50.0 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion:114 Resp: 298715

Ion Ratio Lower Upper

114 100

63 26.4 20.8 31.2

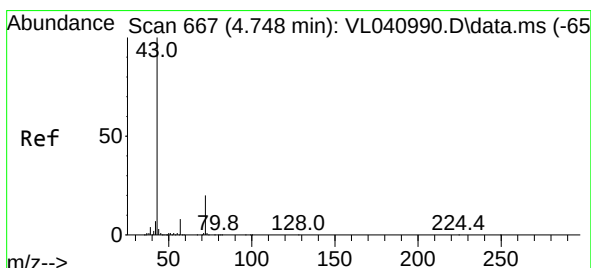
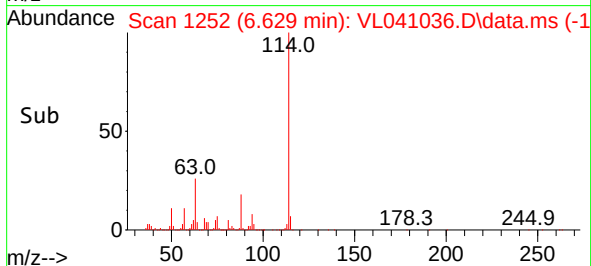
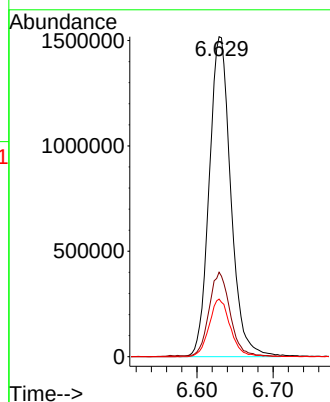
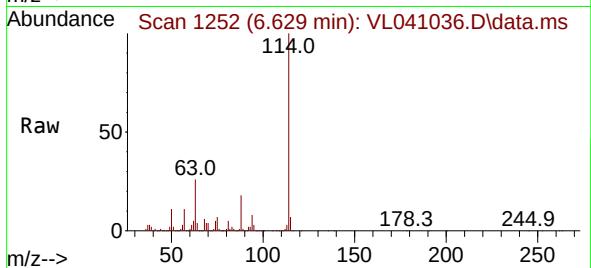
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#34

2-Butanone

Concen: 9.840 ppbv

RT: 4.761 min Scan# 671

Delta R.T. 0.003 min

Lab File: VL041036.D

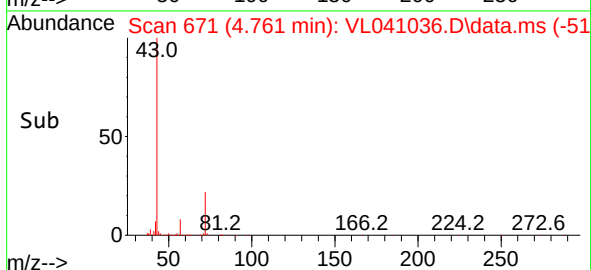
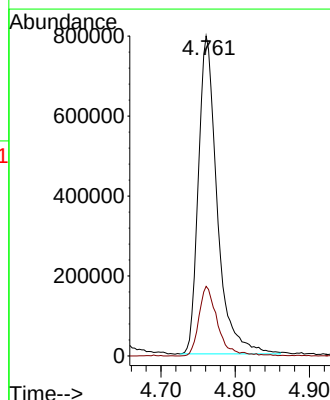
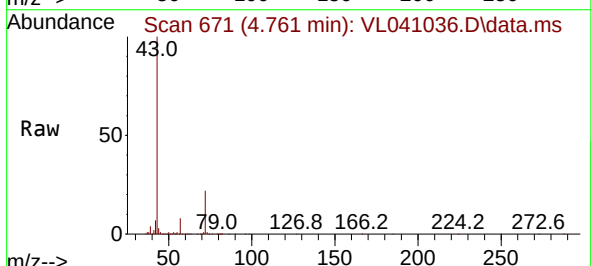
Acq: 7 Feb 2024 11:57

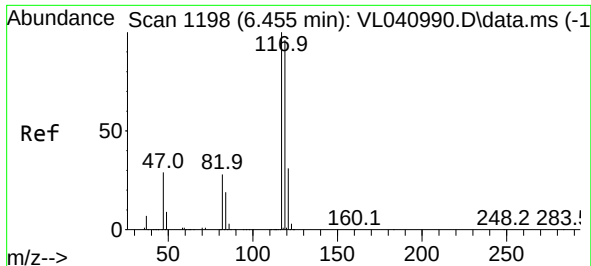
Tgt Ion: 43 Resp: 1400349

Ion Ratio Lower Upper

43 100

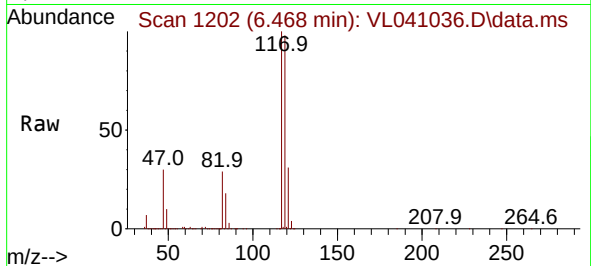
72 22.0 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.226 ppbv
RT: 6.468 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

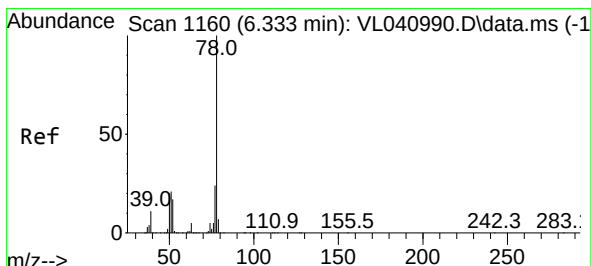
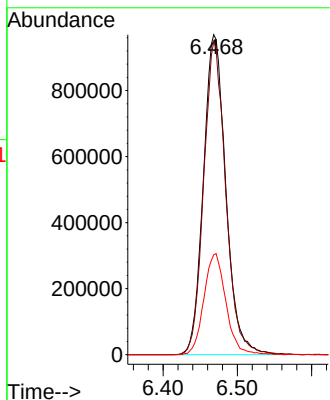
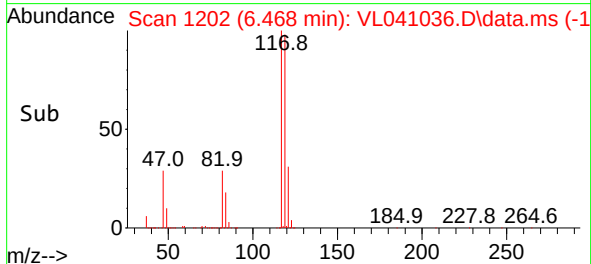
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



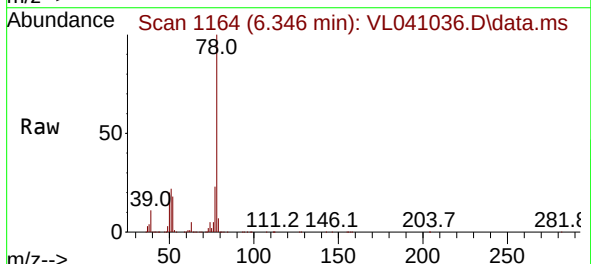
Tgt Ion: 117 Resp: 2037080
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3
121 31.2 24.7 37.1

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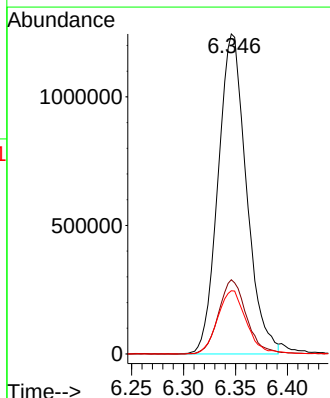
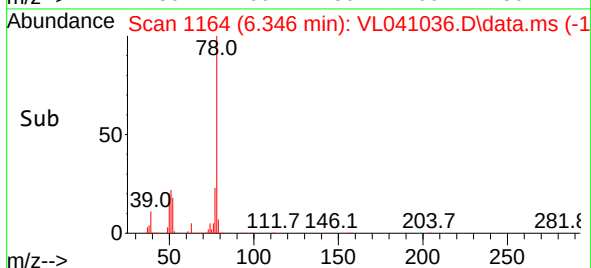
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

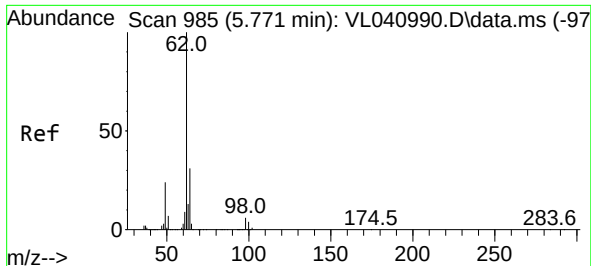


#36
Benzene
Concen: 9.558 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



Tgt Ion: 78 Resp: 2358050
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4
50 19.7 15.8 23.6





#37

1,2-Dichloroethane

Concen: 9.680 ppbv

RT: 5.783 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 62 Resp: 145742

Ion Ratio Lower Upper

62 100

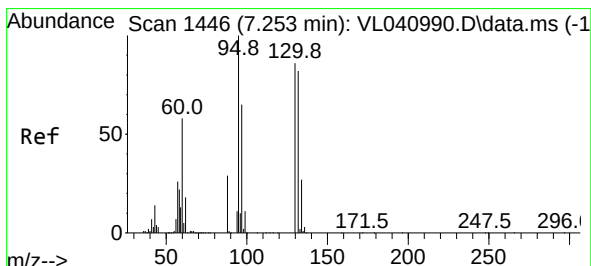
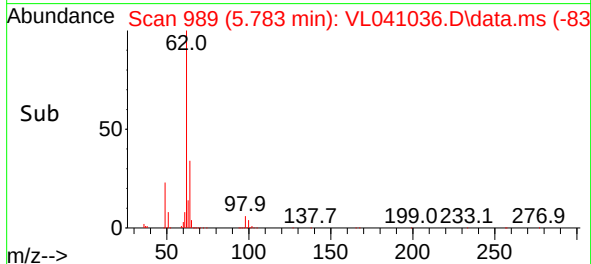
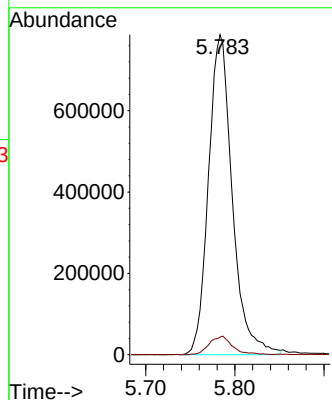
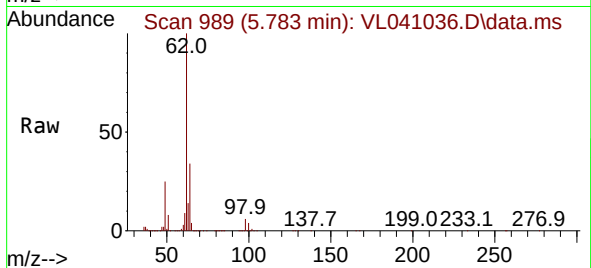
98 5.9 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#38

Trichloroethene

Concen: 9.622 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion:130 Resp: 951677

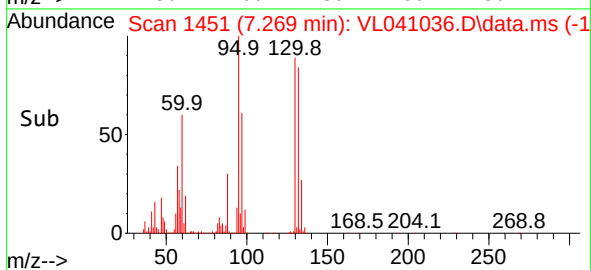
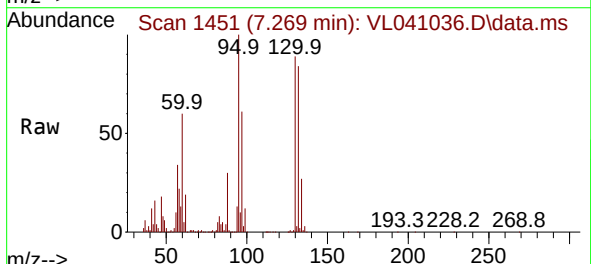
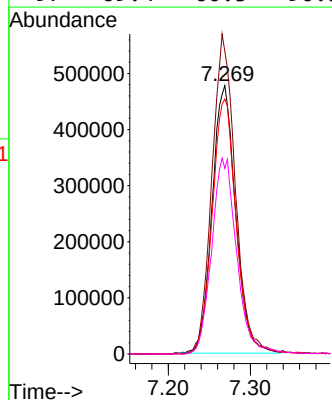
Ion Ratio Lower Upper

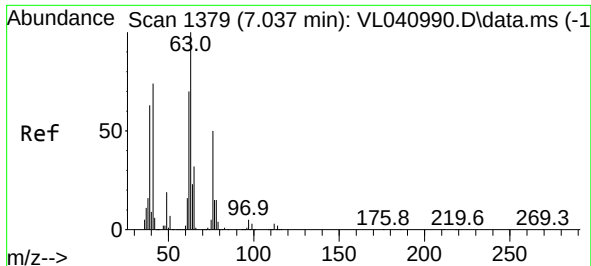
130 100

95 113.0 92.9 139.3

132 95.2 76.2 114.2

97 69.4 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.661 ppbv

RT: 7.047 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 63 Resp: 938878

Ion Ratio Lower Upper

63 100

41 76.9 59.6 89.4

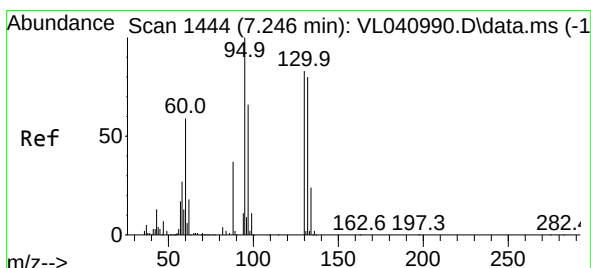
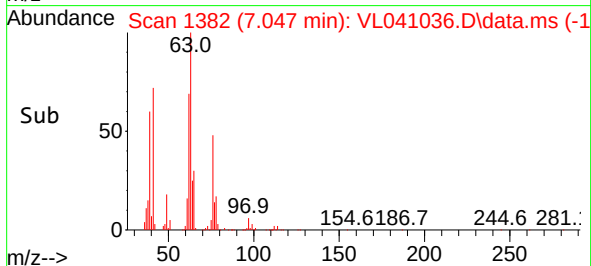
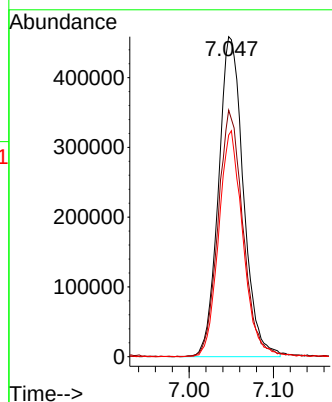
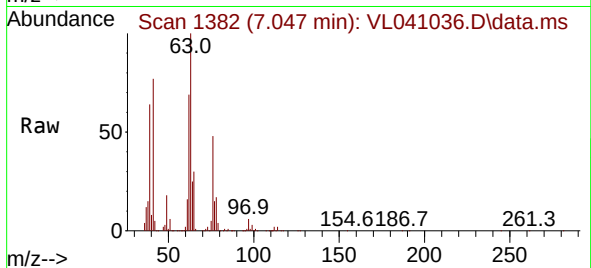
62 69.2 55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#40

1,4-Dioxane

Concen: 10.356 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion: 88 Resp: 418048

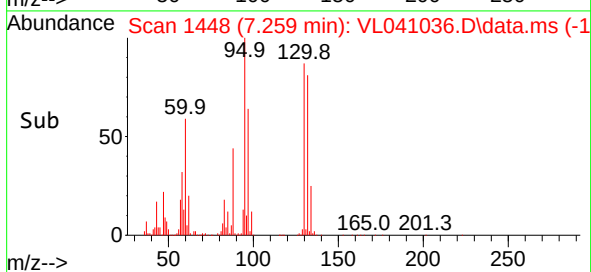
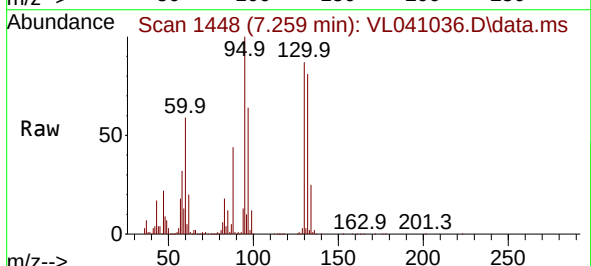
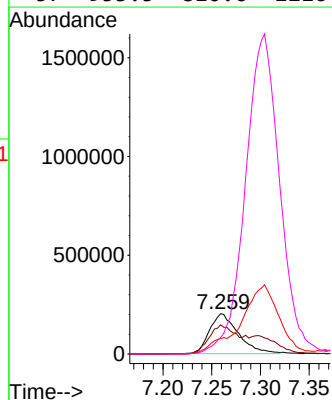
Ion Ratio Lower Upper

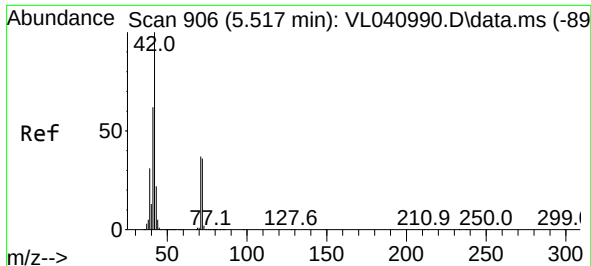
88 100

58 117.6 96.6 144.8

43 232.6 191.0 286.6

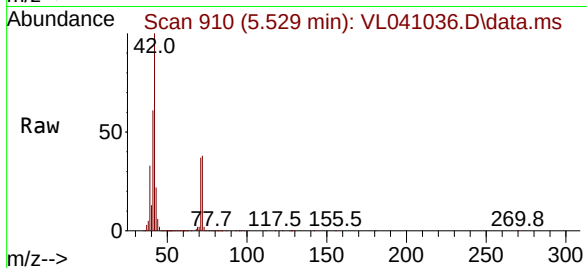
57 953.5 810.6 1216.0





#41
Tetrahydrofuran
Concen: 10.030 ppbv
RT: 5.529 min Scan# 910
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

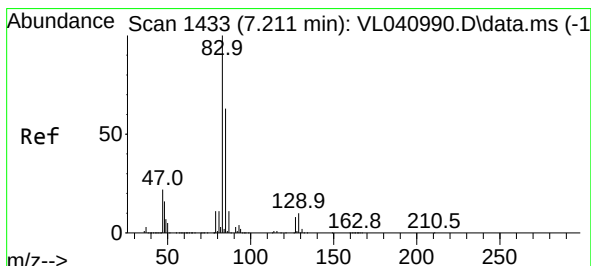
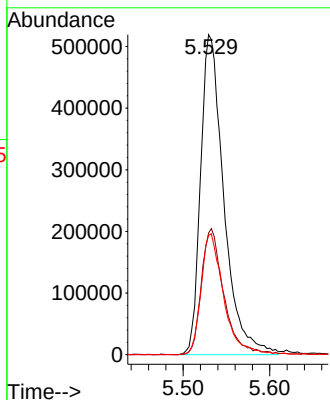
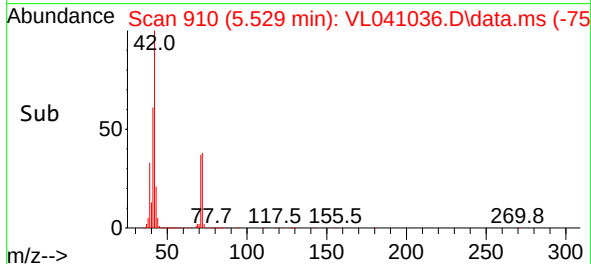
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion: 42 Resp: 969180
Ion Ratio Lower Upper
42 100
72 38.2 30.0 45.0
71 37.2 29.5 44.3

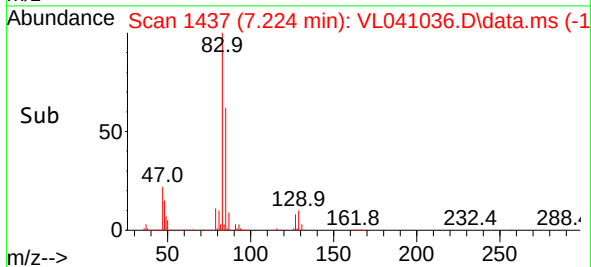
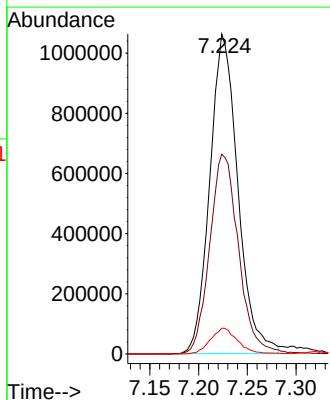
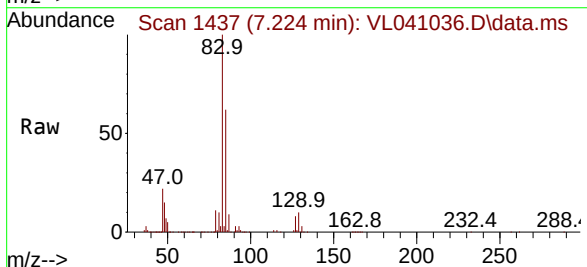
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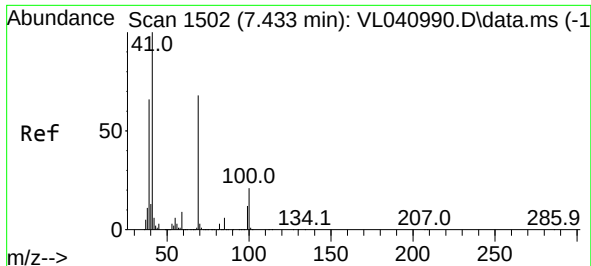
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#42
Bromodichloromethane
Concen: 9.887 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

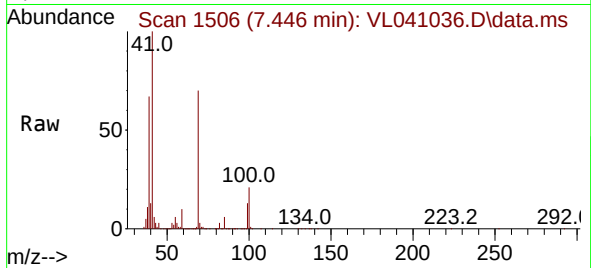
Tgt Ion: 83 Resp: 2129687
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 8.1 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.407 ppbv
RT: 7.446 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

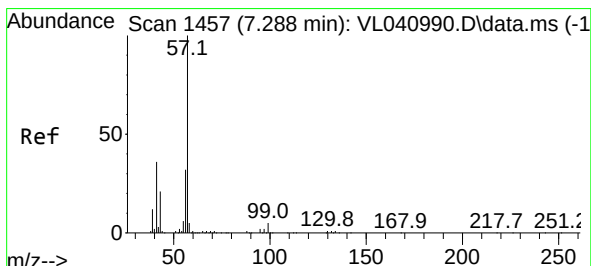
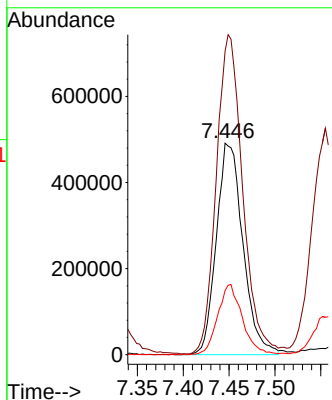
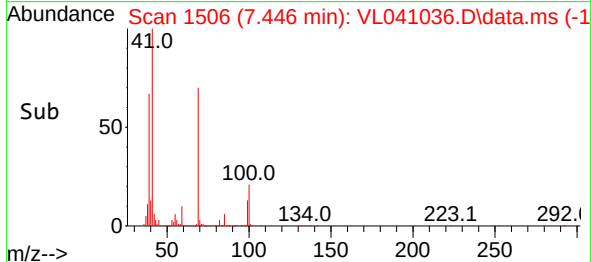
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



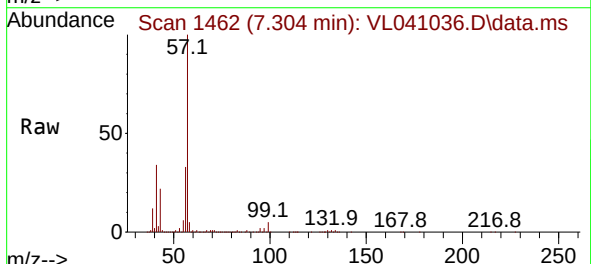
Tgt Ion: 69 Resp: 990739
Ion Ratio Lower Upper
69 100
41 150.5 120.2 180.2
100 30.7 24.6 36.8

Manual Integrations
APPROVED

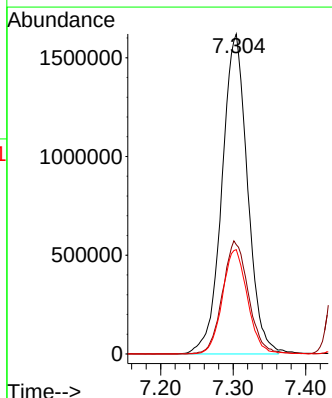
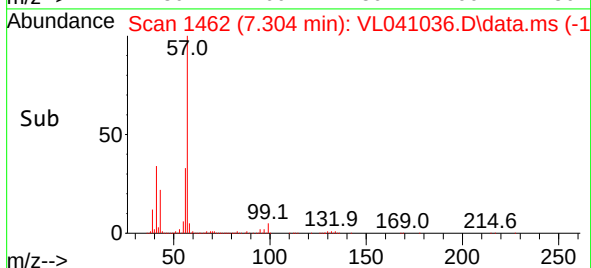
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

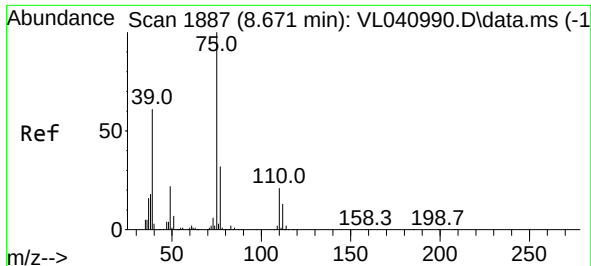


#44
2,2,4-Trimethylpentane
Concen: 9.544 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



Tgt Ion: 57 Resp: 3962010
Ion Ratio Lower Upper
57 100
41 35.9 28.6 43.0
56 32.2 25.2 37.8





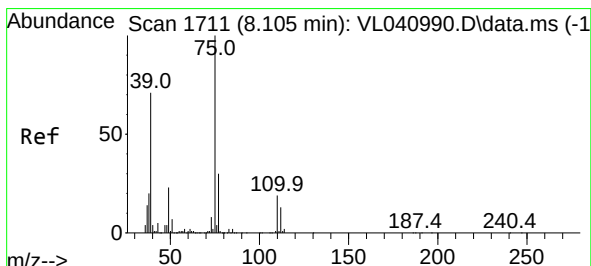
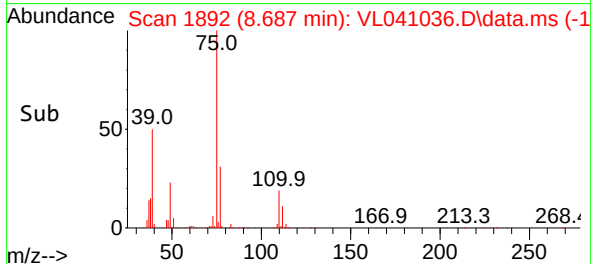
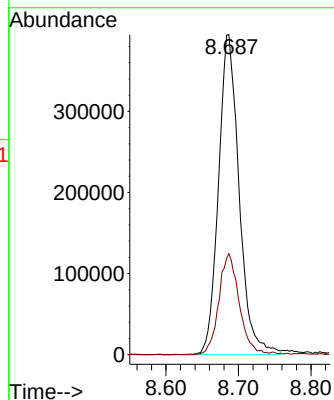
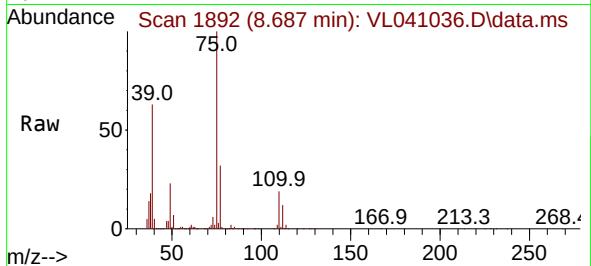
#45
t-1,3-Dichloropropene
Concen: 11.992 ppbv
RT: 8.687 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 75 Resp: 780020
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

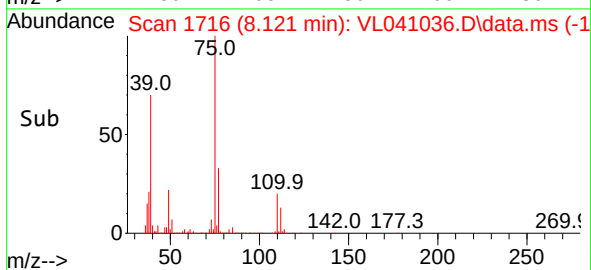
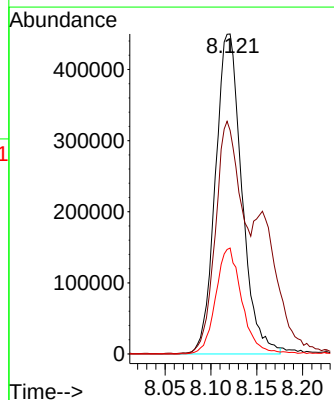
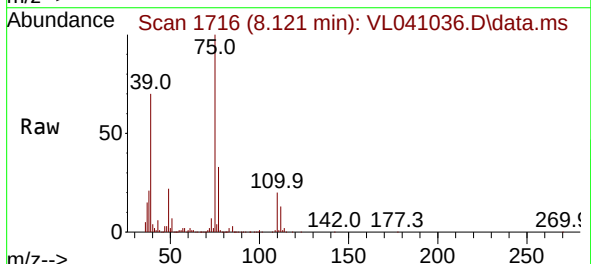
Manual Integrations
APPROVED

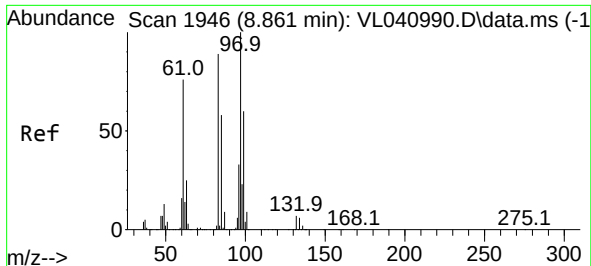
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#46
cis-1,3-Dichloropropene
Concen: 11.126 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 75 Resp: 902550
Ion Ratio Lower Upper
75 100
39 69.6 57.3 85.9
77 33.0 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.864 ppbv

RT: 8.873 min Scan# 1946

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion: 97 Resp: 103331

Ion Ratio Lower Upper

97 100

83 87.3 71.5 107.3

85 56.7 46.1 69.1

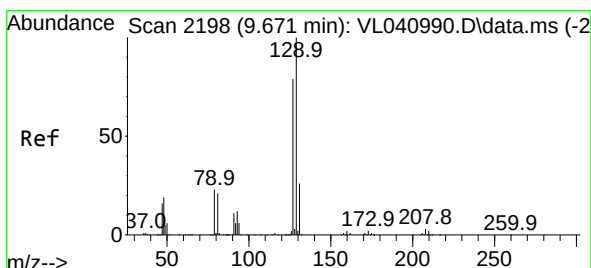
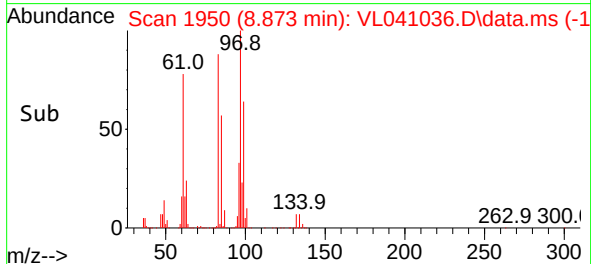
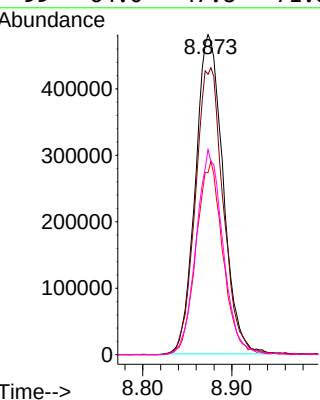
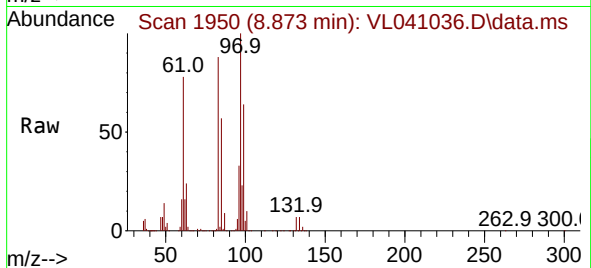
99 64.0 47.8 71.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#48

Dibromochloromethane

Concen: 10.305 ppbv

RT: 9.683 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VL041036.D

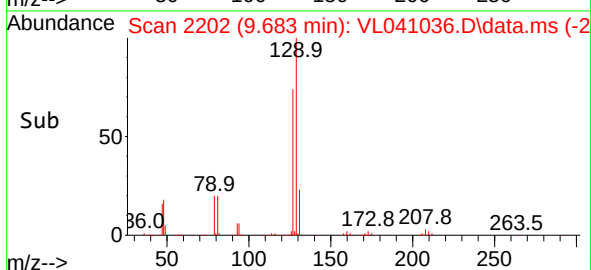
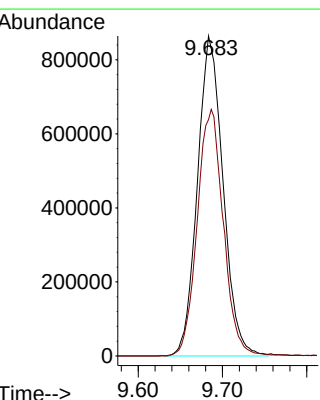
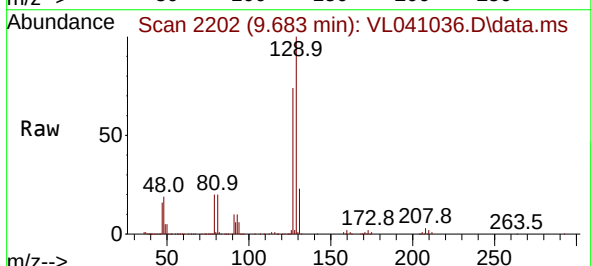
Acq: 7 Feb 2024 11:57

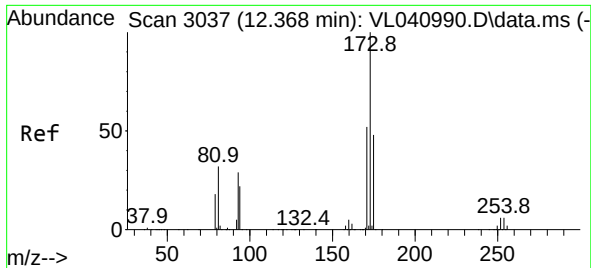
Tgt Ion:129 Resp: 1825079

Ion Ratio Lower Upper

129 100

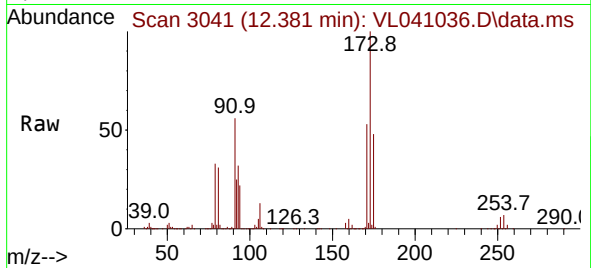
127 78.8 39.6 119.0





#49
Bromoform
Concen: 11.019 ppbv
RT: 12.381 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

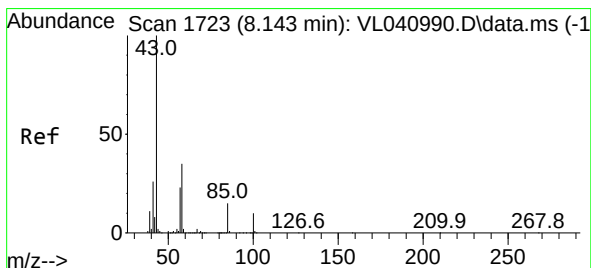
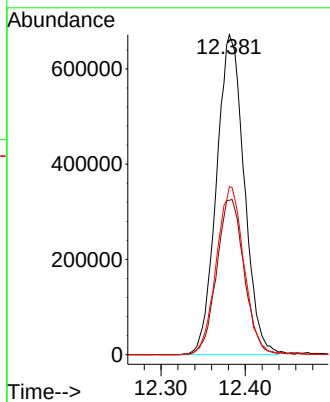
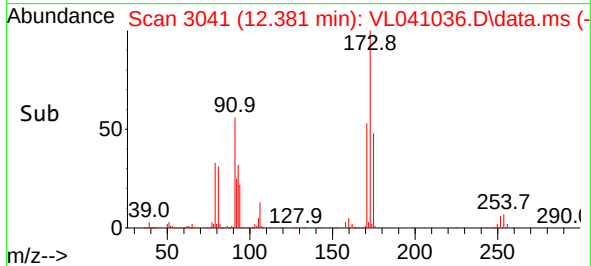
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion:173 Resp: 1530760
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
171 52.4 42.0 63.0

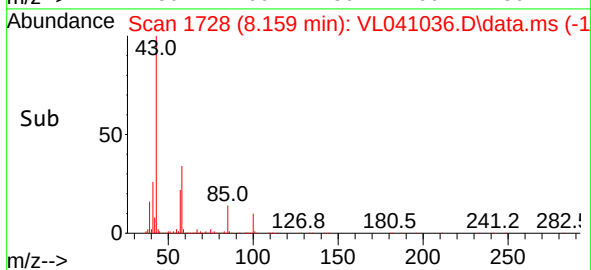
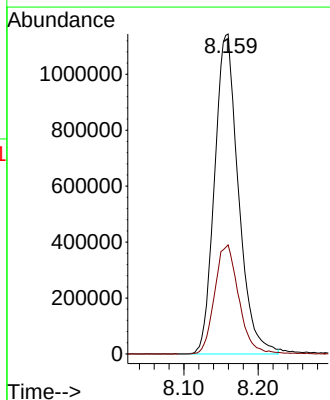
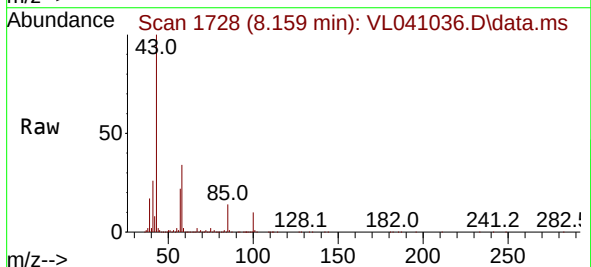
Manual Integrations
APPROVED

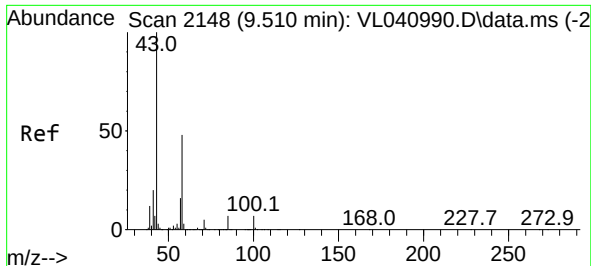
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#50
4-Methyl-2-Pentanone
Concen: 10.205 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.010 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

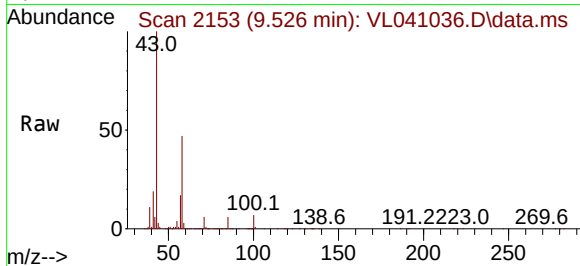
Tgt Ion: 43 Resp: 2557627
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8





#51
2-Hexanone
Concen: 10.431 ppbv
RT: 9.526 min Scan# 2148
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

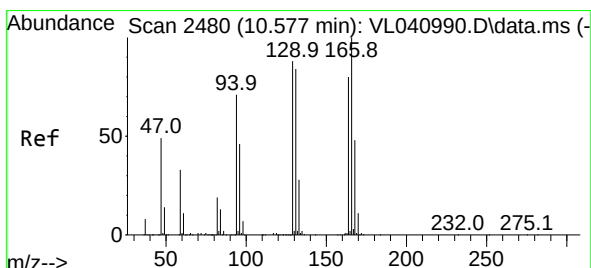
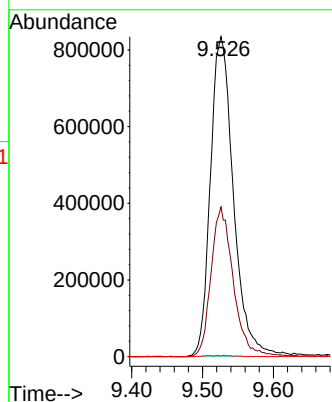
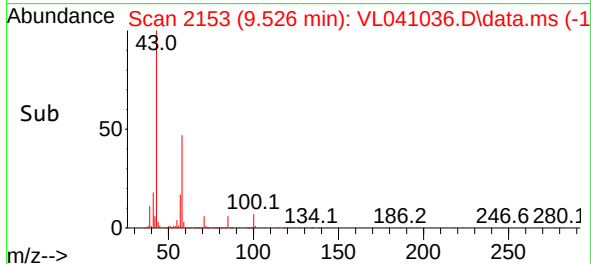
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



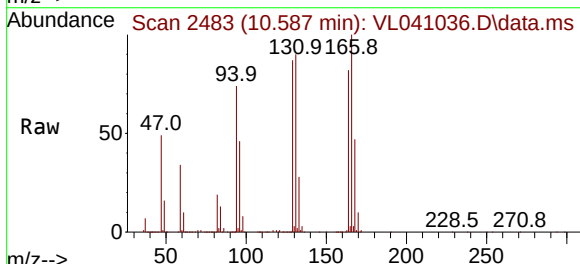
Tgt Ion: 43 Resp: 1884400
Ion Ratio Lower Upper
43 100
58 45.3 36.8 55.2
98 0.5 0.3 0.5

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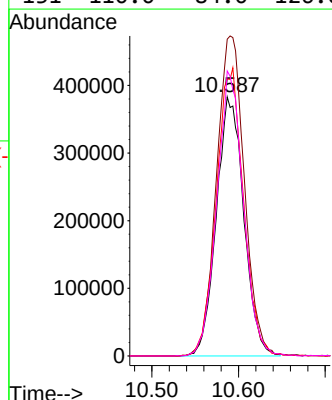
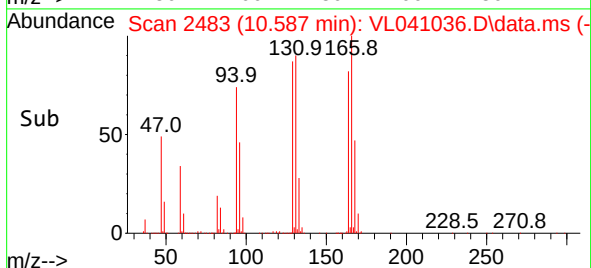
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

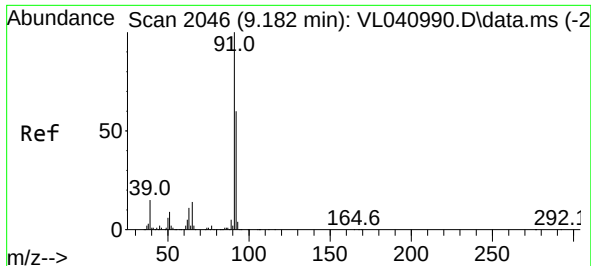


#52
Tetrachloroethene
Concen: 10.247 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



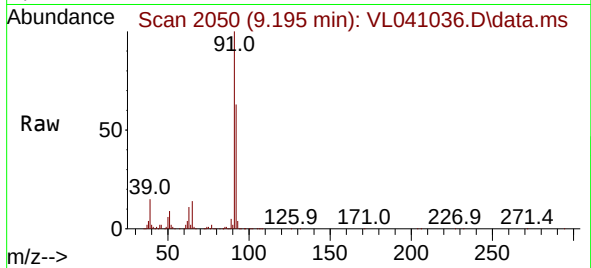
Tgt Ion:164 Resp: 839498
Ion Ratio Lower Upper
164 100
166 122.3 100.2 150.2
129 106.9 87.9 131.9
131 110.0 84.0 126.0





#53
Toluene
Concen: 10.170 ppbv
RT: 9.195 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

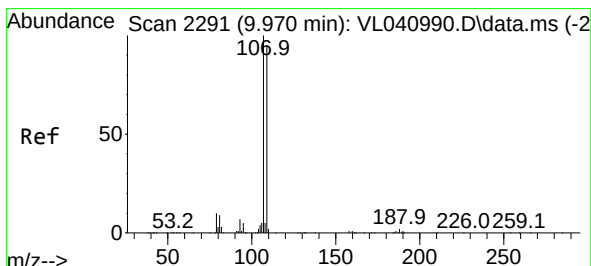
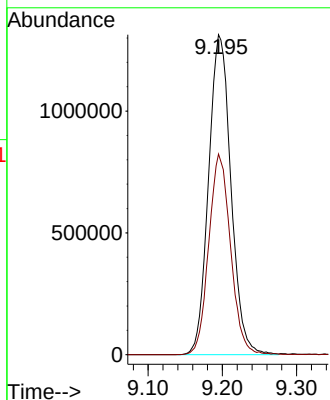
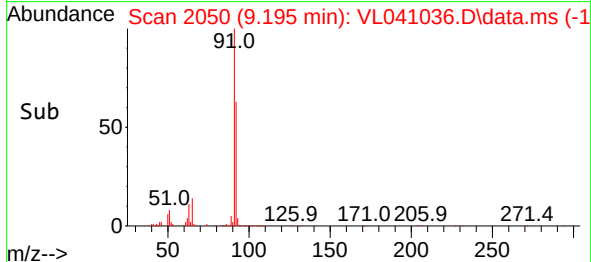
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



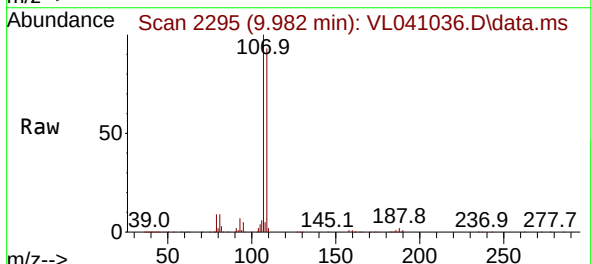
Tgt Ion: 91 Resp: 274861
Ion Ratio Lower Upper
91 100
92 61.2 48.6 72.8

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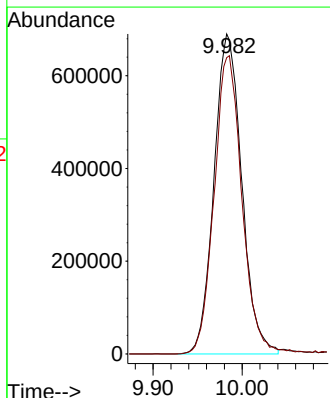
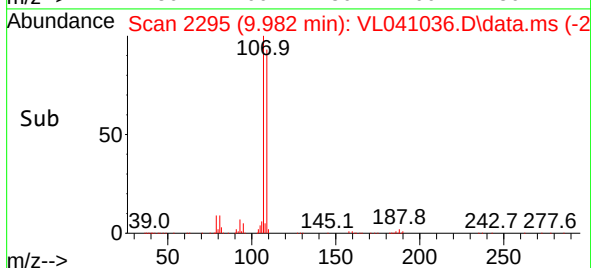
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

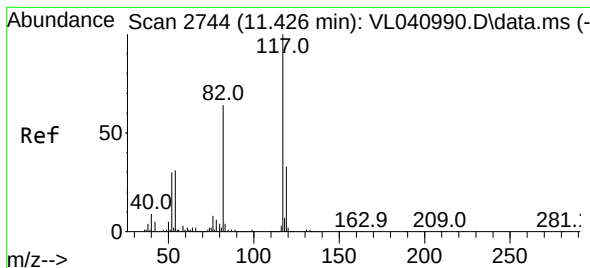


#54
1,2-Dibromoethane
Concen: 10.516 ppbv
RT: 9.982 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



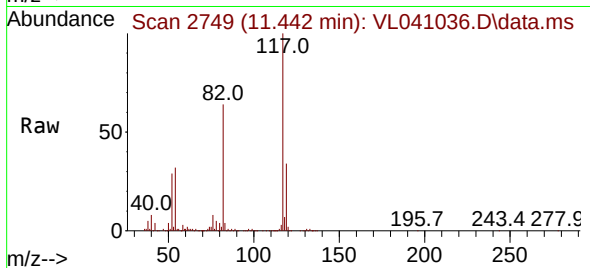
Tgt Ion:107 Resp: 1491872
Ion Ratio Lower Upper
107 100
109 92.5 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

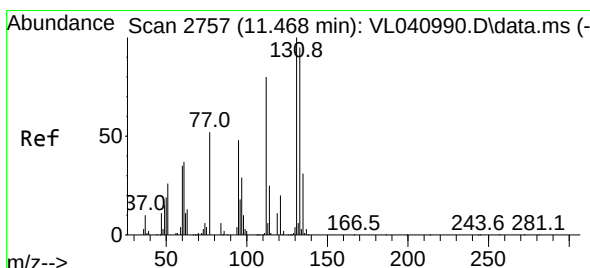
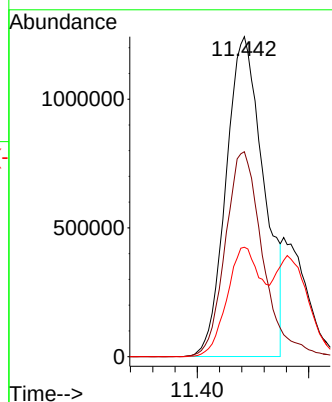
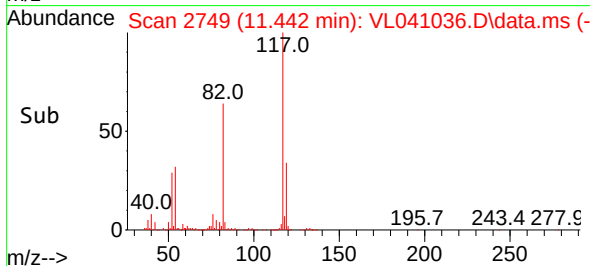
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



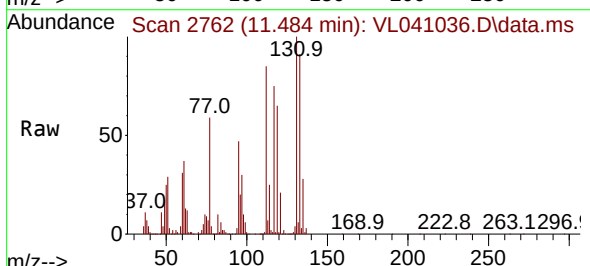
Tgt Ion:117 Resp: 2922710
Ion Ratio Lower Upper
117 100
82 64.0 51.7 77.5
119 32.3 23.8 35.6

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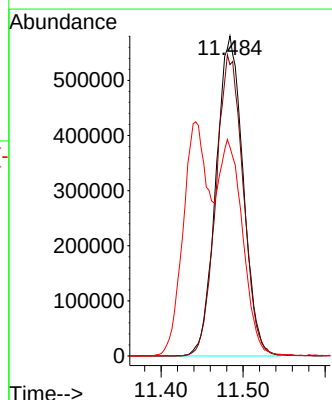
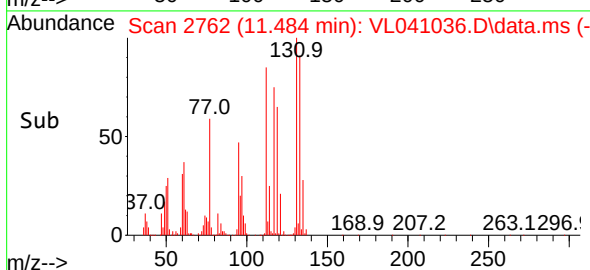
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

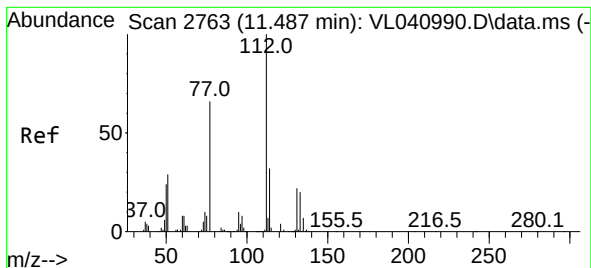


#56
1,1,1,2-Tetrachloroethane
Concen: 9.506 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



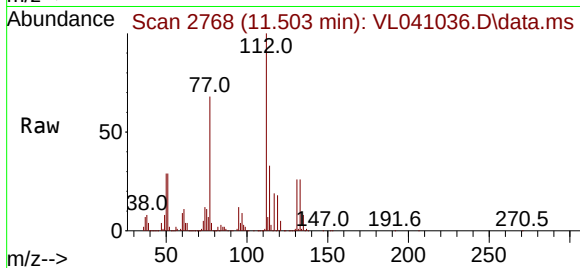
Tgt Ion:131 Resp: 1333024
Ion Ratio Lower Upper
131 100
133 94.9 75.9 113.9
119 60.6 49.2 73.8





#57
Chlorobenzene
Concen: 9.229 ppbv
RT: 11.503 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

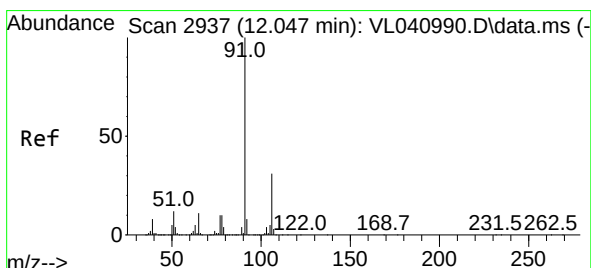
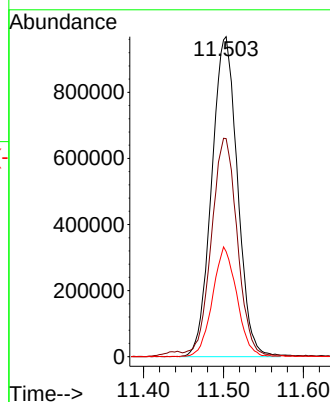
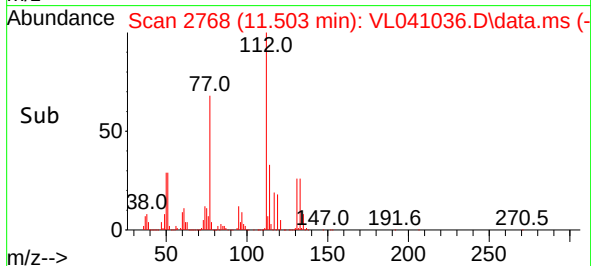
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion:112 Resp: 216972
Ion Ratio Lower Upper
112 100
77 67.7 53.4 80.0
114 32.8 29.1 35.5

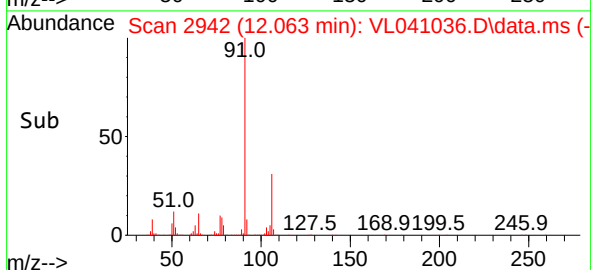
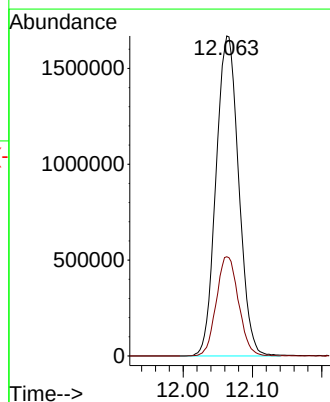
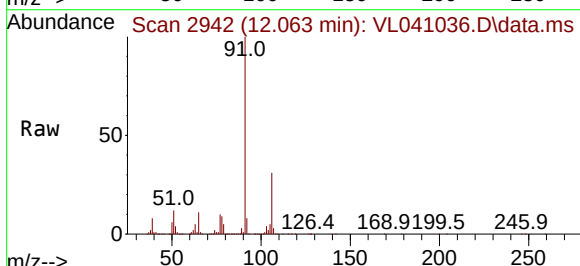
Manual Integrations
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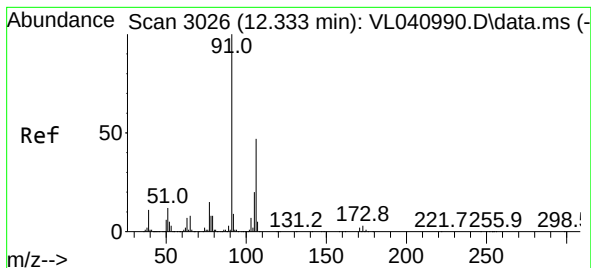
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#58
Ethyl Benzene
Concen: 9.666 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 91 Resp: 3793639
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2





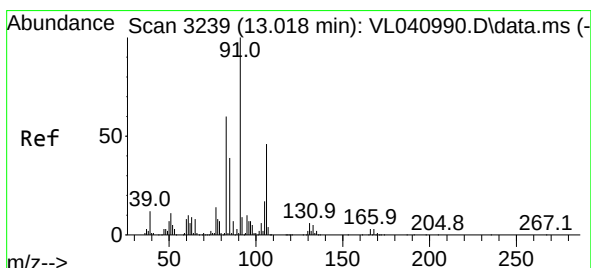
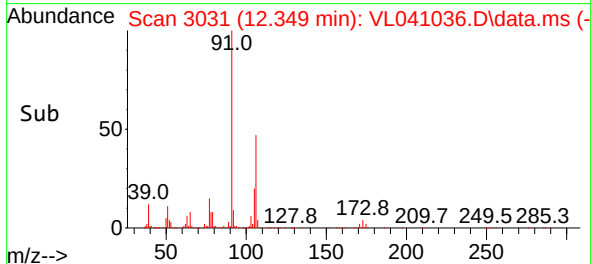
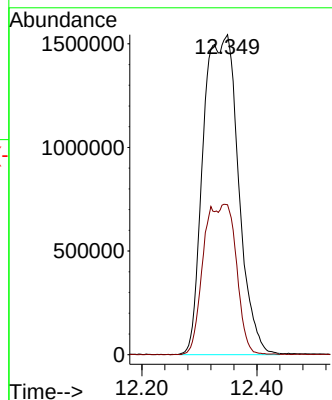
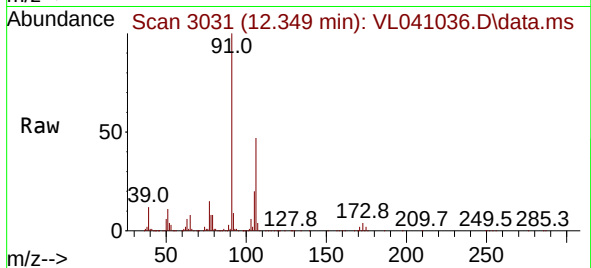
#59
m/p-Xylene
Concen: 19.070 ppbv m
RT: 12.349 min Scan# 3026
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 91 Resp: 652573
Ion Ratio Lower Upper
91 100
106 44.1 34.9 52.3

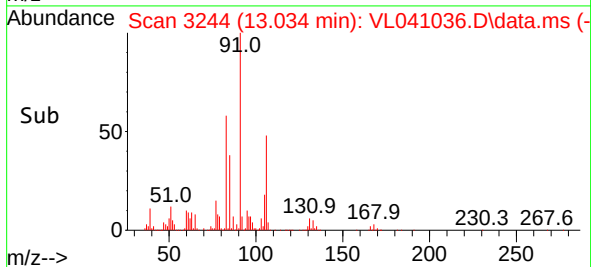
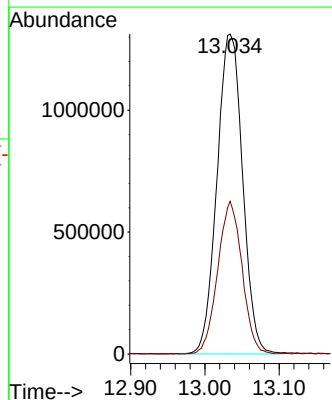
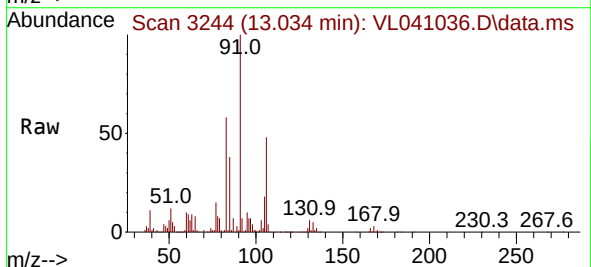
Manual Integrations
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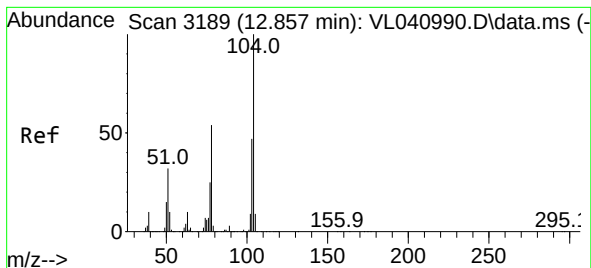
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#60
o-Xylene
Concen: 9.597 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion: 91 Resp: 3150747
Ion Ratio Lower Upper
91 100
106 45.4 22.6 67.7





#61

Styrene

Concen: 10.634 ppbv

RT: 12.873 min Scan# 3189

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion:104 Resp: 160312

Ion Ratio Lower Upper

104 100

78 52.8 42.7 64.1

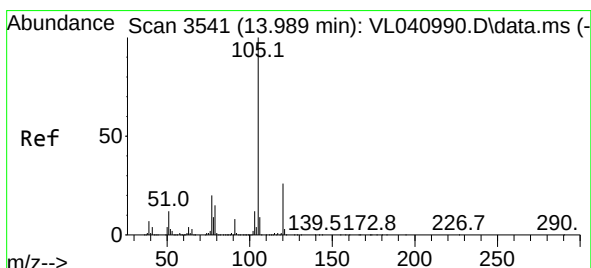
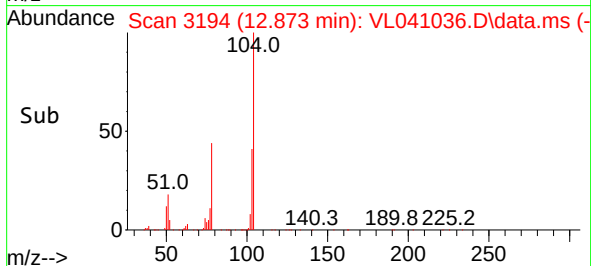
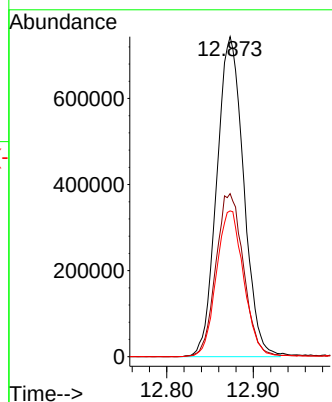
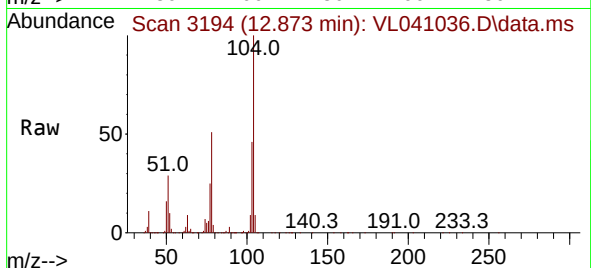
103 46.6 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#62

Isopropylbenzene

Concen: 9.416 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.003 min

Lab File: VL041036.D

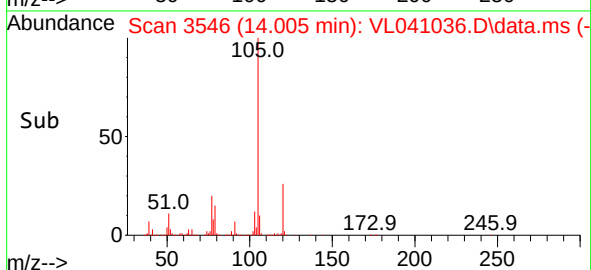
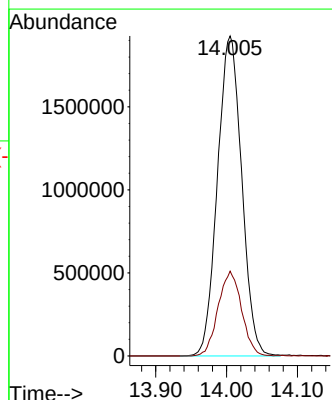
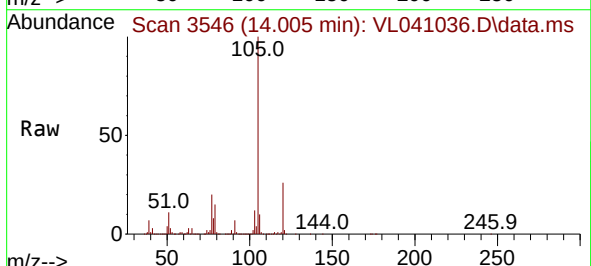
Acq: 7 Feb 2024 11:57

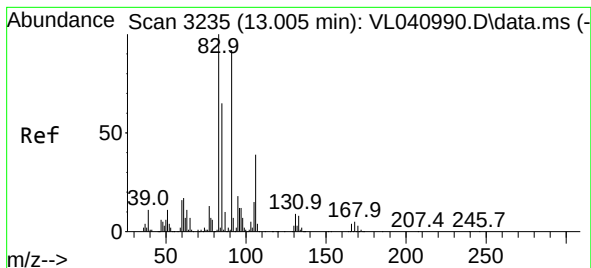
Tgt Ion:105 Resp: 4571636

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3





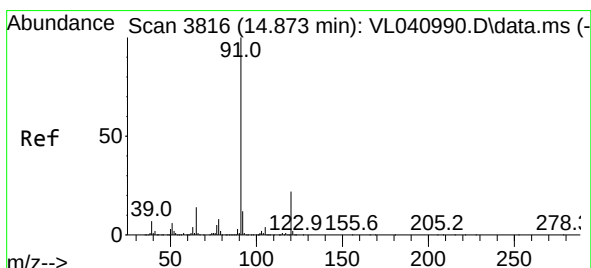
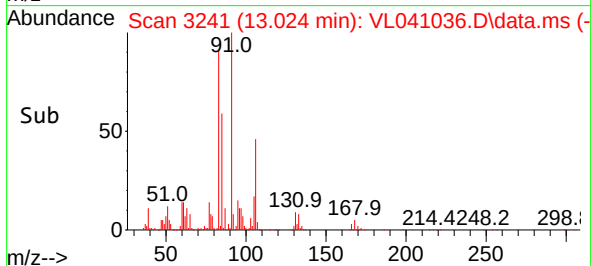
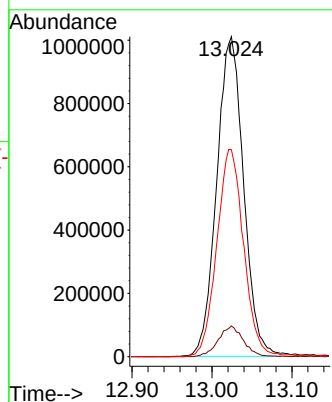
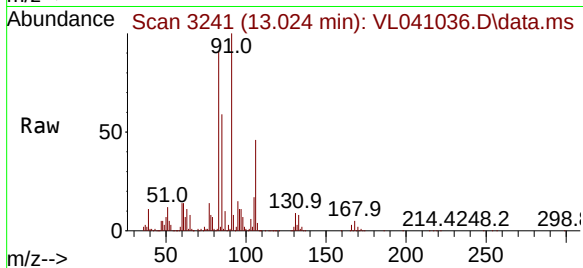
#63
1,1,2,2-Tetrachloroethane
Concen: 9.228 ppbv
RT: 13.024 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 83 Resp: 2354709
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.1 33.0 99.0

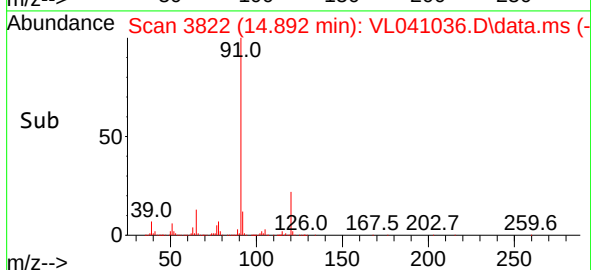
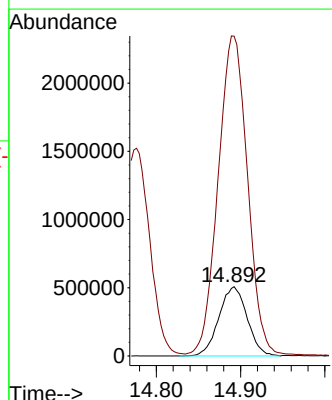
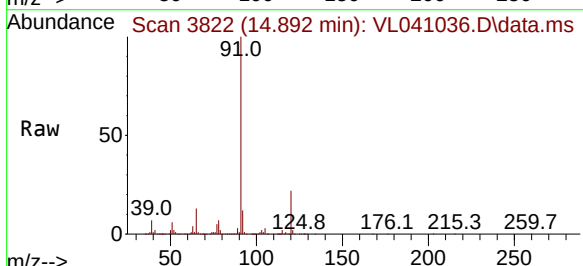
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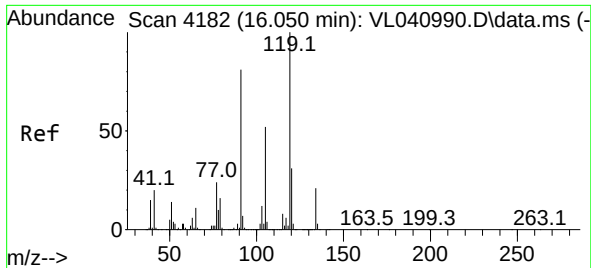
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
n-propylbenzene
Concen: 9.614 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.006 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

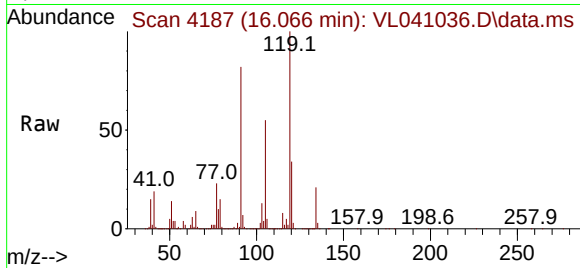
Tgt Ion:120 Resp: 1179373
Ion Ratio Lower Upper
120 100
91 484.5 390.6 585.8





#65
tert-Butylbenzene
Concen: 9.473 ppbv
RT: 16.066 min Scan# 4182
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

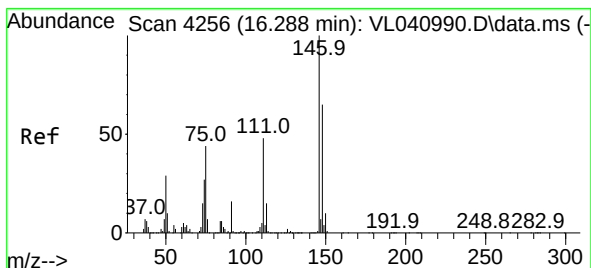
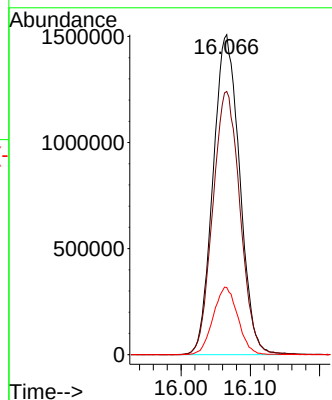
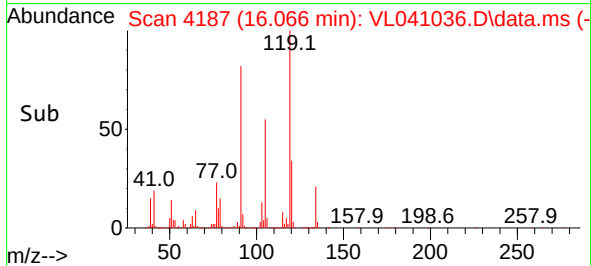
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion: 119 Resp: 4018728
Ion Ratio Lower Upper
119 100
91 84.5 67.6 101.4
134 19.7 16.1 24.1

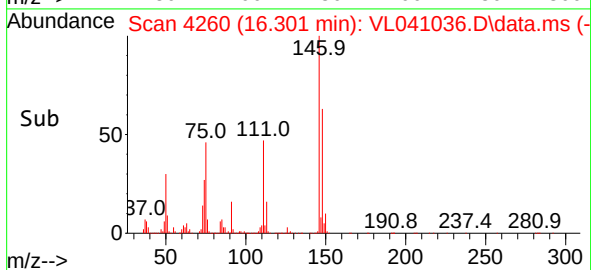
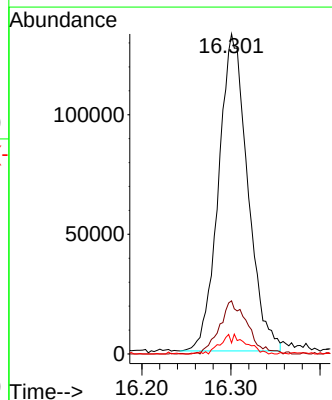
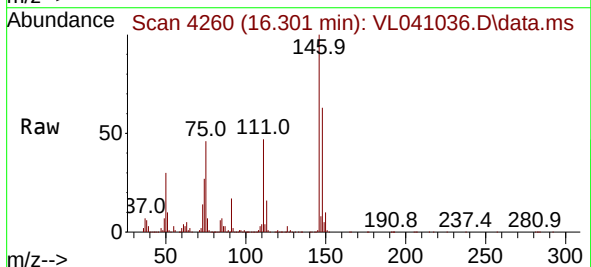
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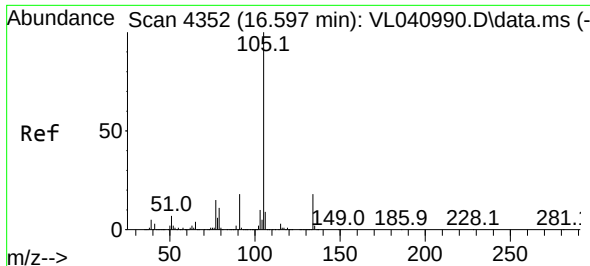
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Benzyl Chloride
Concen: 10.848 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

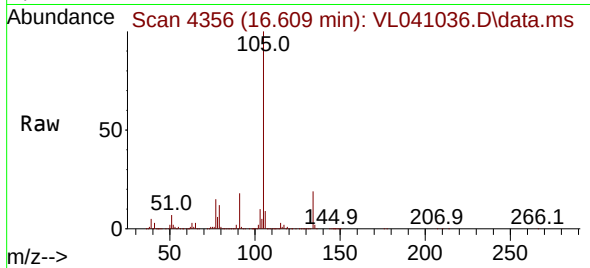
Tgt Ion: 91 Resp: 301553
Ion Ratio Lower Upper
91 100
126 16.2 13.6 20.4
128 5.5 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.194 ppbv
 RT: 16.609 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

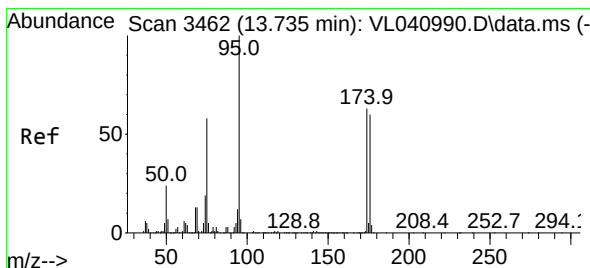
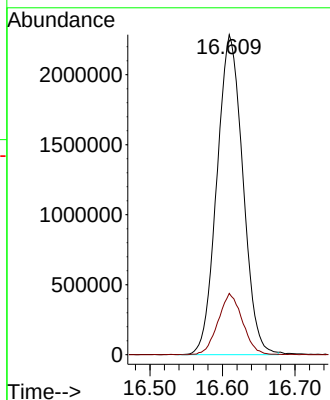
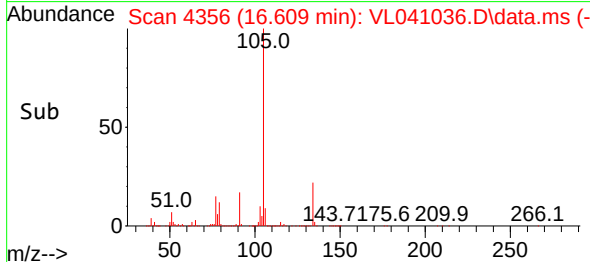
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01



Tgt Ion:105 Resp: 567939
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4

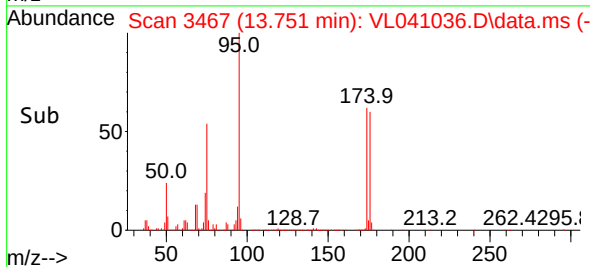
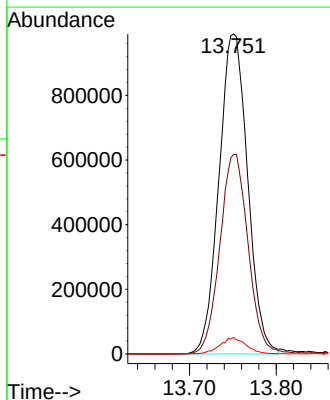
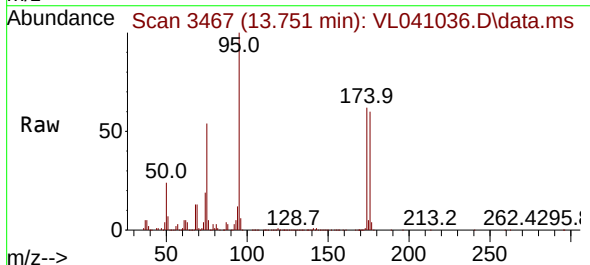
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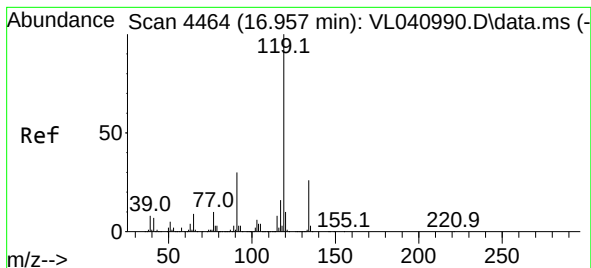
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.317 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

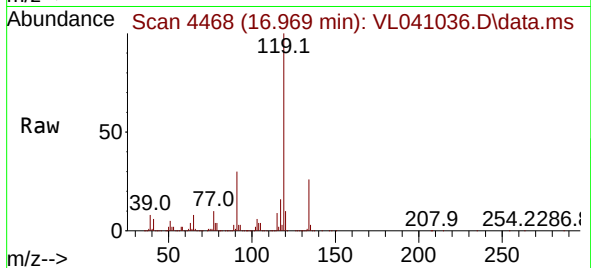
Tgt Ion: 95 Resp: 2277574
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.1 73.7
 175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.575 ppbv
RT: 16.969 min Scan# 4468
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

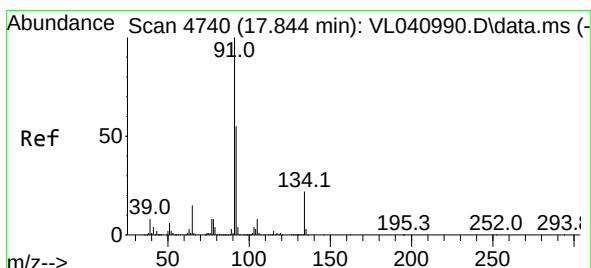
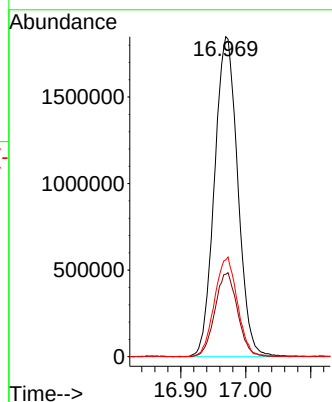
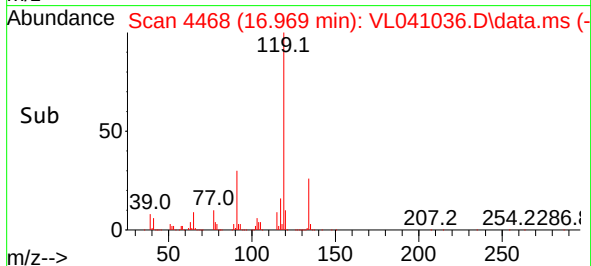
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



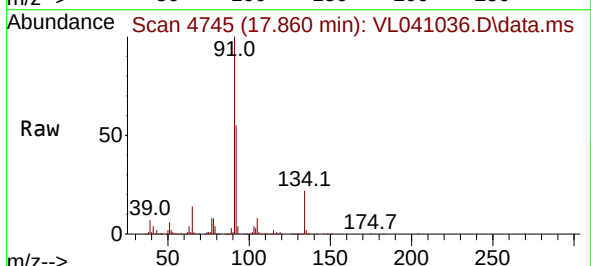
Tgt Ion: 119 Resp: 458133
Ion Ratio Lower Upper
119 100
134 25.7 20.6 30.8
91 30.8 24.5 36.7

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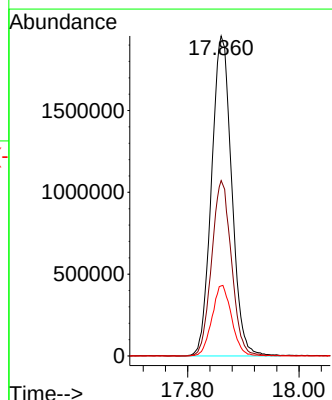
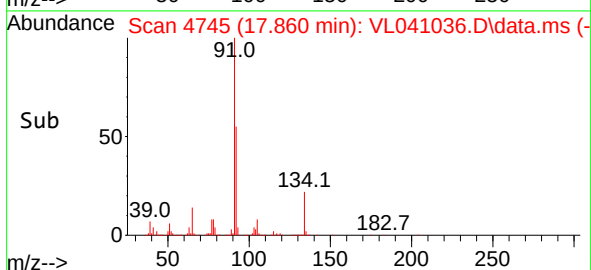
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

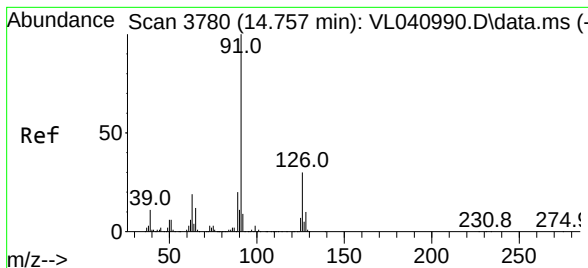


#70
n-Butylbenzene
Concen: 9.513 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57



Tgt Ion: 91 Resp: 4918429
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.0
134 21.6 17.4 26.0





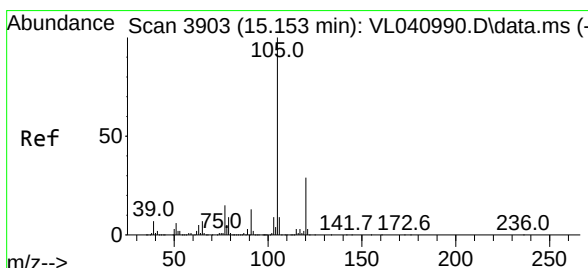
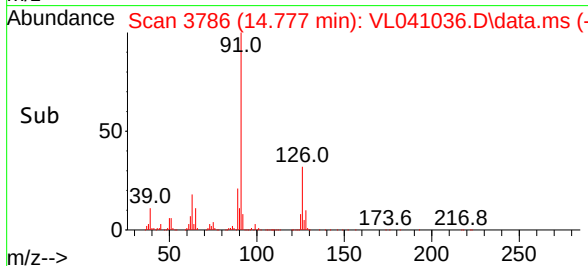
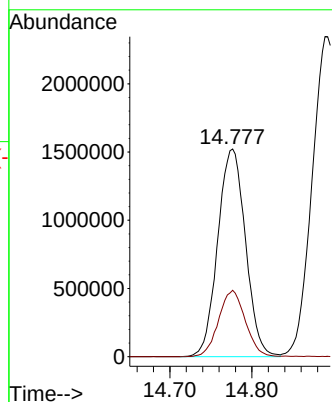
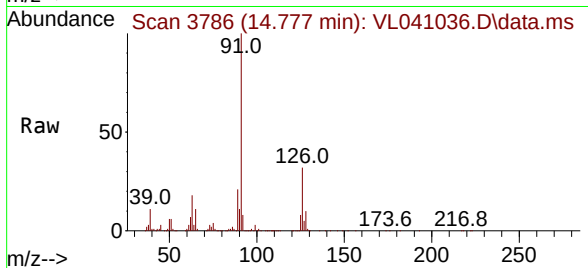
#71
2-Chlorotoluene
Concen: 9.572 ppbv
RT: 14.777 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01

Tgt Ion: 91 Resp: 3585890
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.1

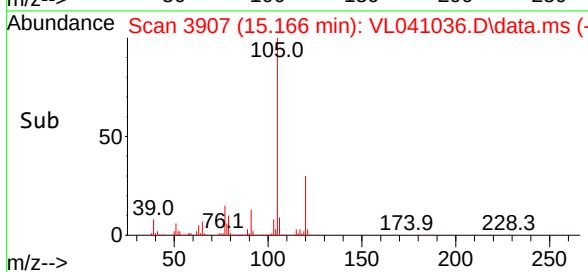
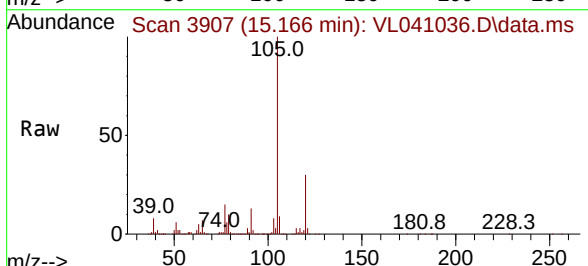
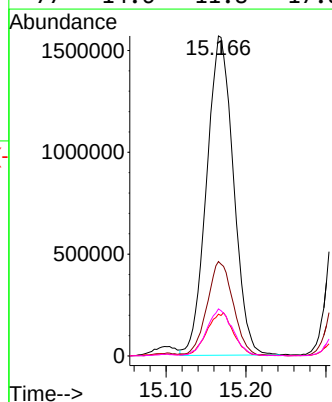
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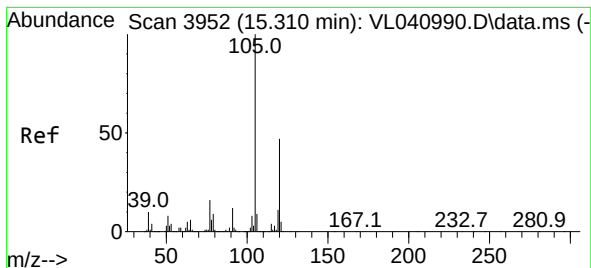
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#72
4-Ethyltoluene
Concen: 9.961 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:105 Resp: 3652397
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5
91 13.4 11.0 16.4
77 14.6 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 9.639 ppbv

RT: 15.330 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion:105 Resp: 313680

Ion Ratio Lower Upper

105 100

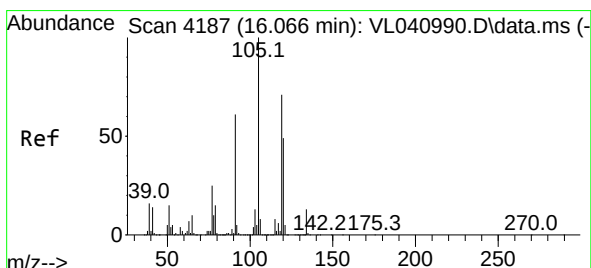
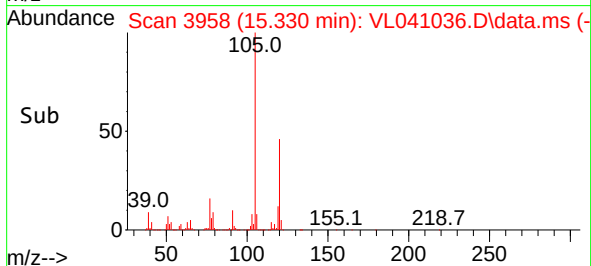
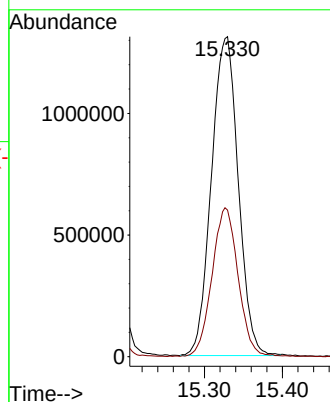
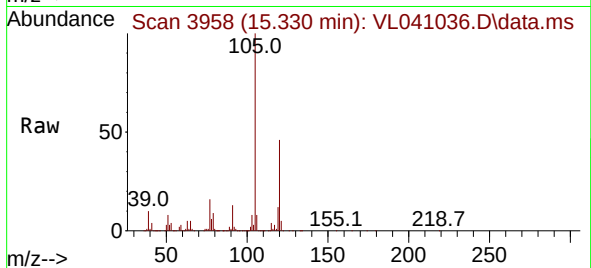
120 45.8 37.2 55.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.383 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Tgt Ion:105 Resp: 3461461

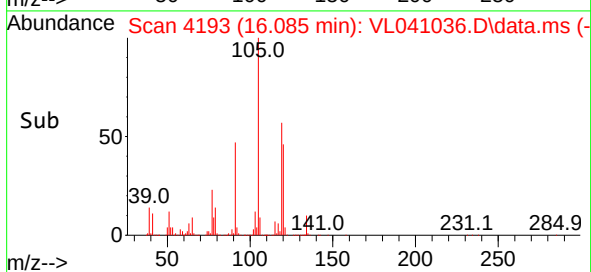
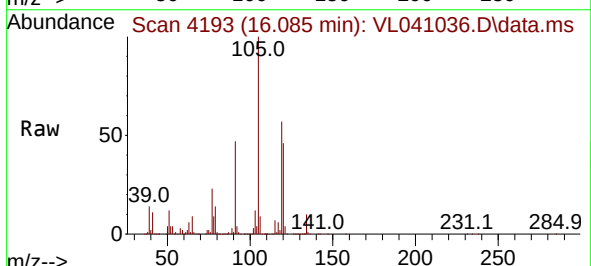
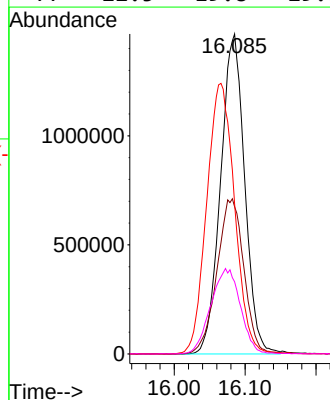
Ion Ratio Lower Upper

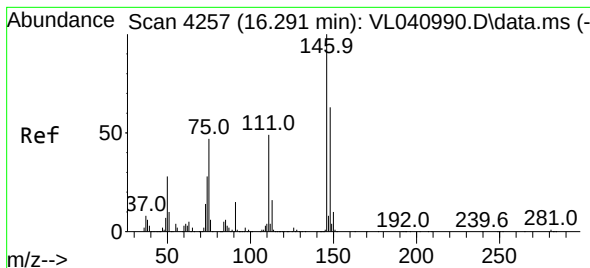
105 100

120 45.9 39.3 58.9

91 46.6 48.7 73.1#

77 22.5 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.520 ppbv

RT: 16.304 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion:146 Resp: 199864

Ion Ratio Lower Upper

146 100

111 47.8 24.4 73.2

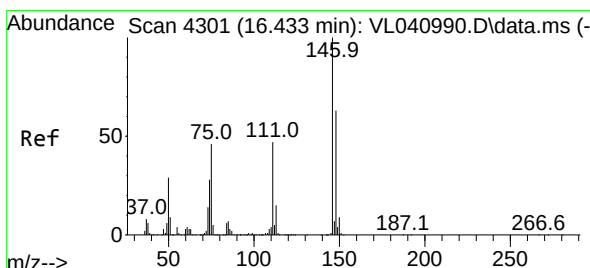
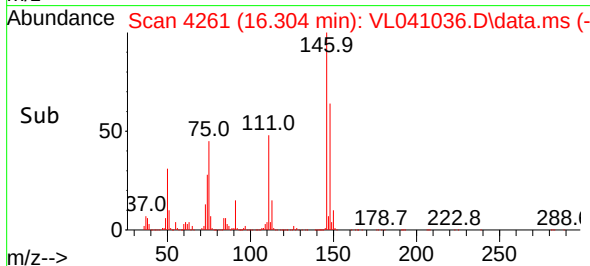
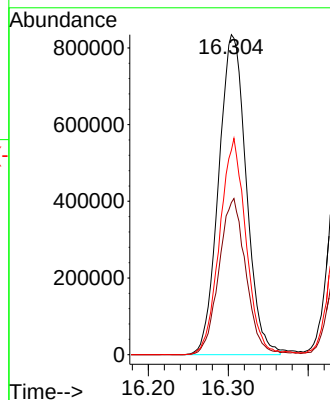
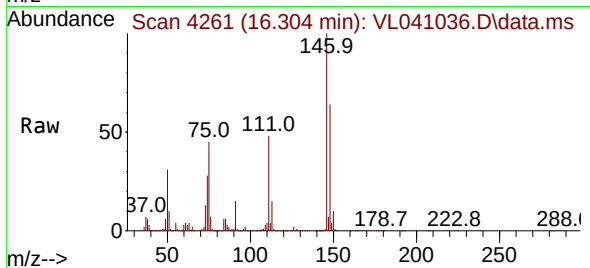
148 64.8 32.5 97.4

Manual Integrations

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Supervised By :Mahesh Dadoda 02/08/2024



#76

1,4-Dichlorobenzene

Concen: 9.410 ppbv

RT: 16.448 min Scan# 4306

Delta R.T. 0.003 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

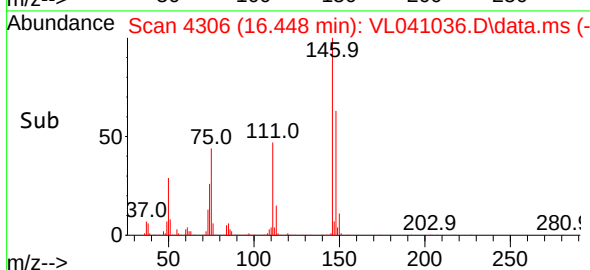
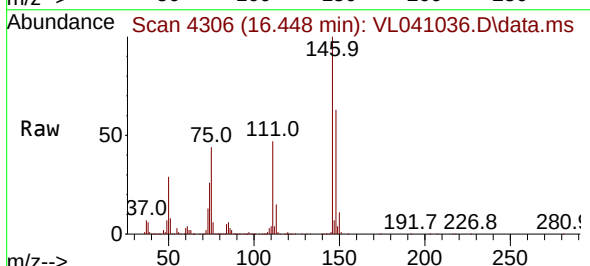
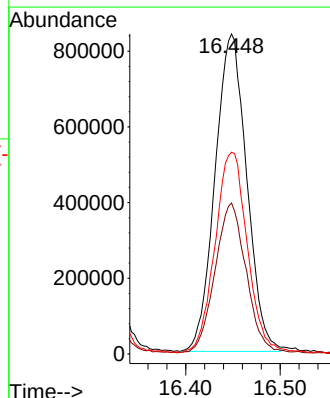
Tgt Ion:146 Resp: 1949469

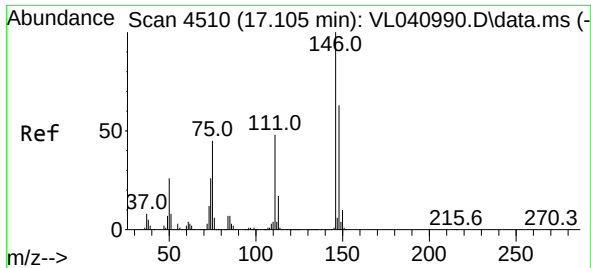
Ion Ratio Lower Upper

146 100

111 47.9 24.0 72.0

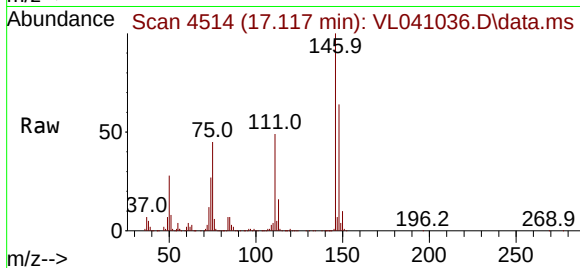
148 65.9 32.9 98.7





#77
1,2-Dichlorobenzene
Concen: 9.358 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

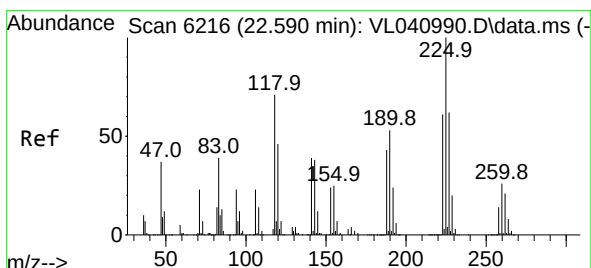
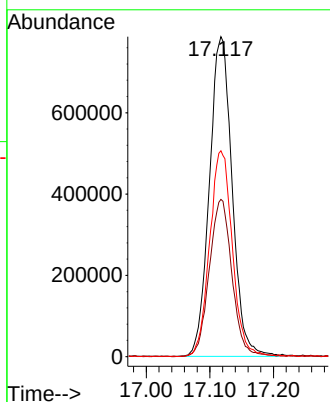
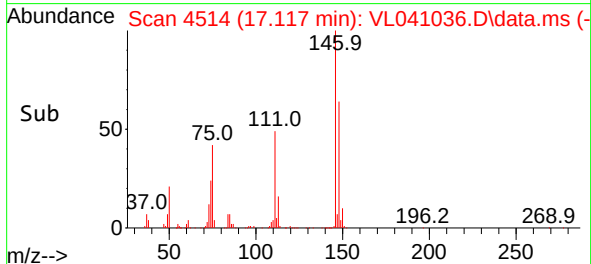
Instrument :
MSVOA_L
ClientSampleId :
VL0207ABS01



Tgt Ion:146 Resp: 195282
Ion Ratio Lower Upper
146 100
111 49.4 24.8 74.3
148 64.5 31.8 95.3

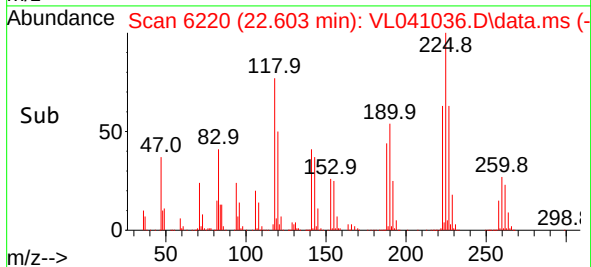
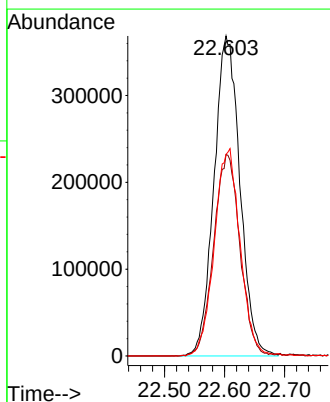
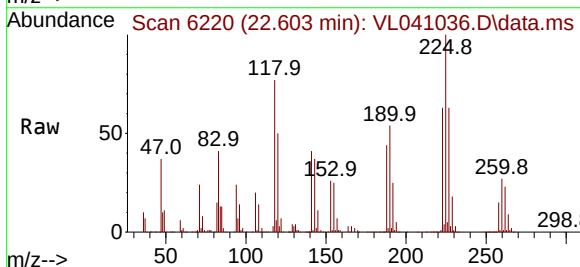
Manual Integrations
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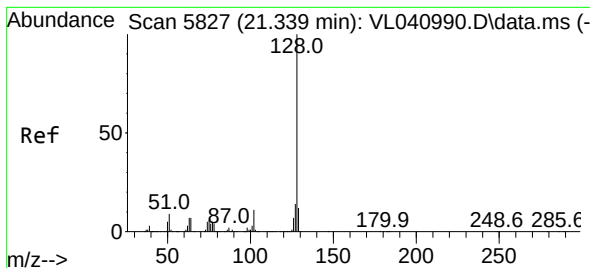
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.236 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. 0.000 min
Lab File: VL041036.D
Acq: 7 Feb 2024 11:57

Tgt Ion:225 Resp: 1108287
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 64.5 51.0 76.4





#79

Naphthalene

Concen: 11.803 ppbv

RT: 21.355 min Scan# 5832

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

Instrument :

MSVOA_L

ClientSampleId :

VL0207ABS01

Tgt Ion:128 Resp: 2483840

Ion Ratio Lower Upper

128 100

127 12.7 10.9 16.3

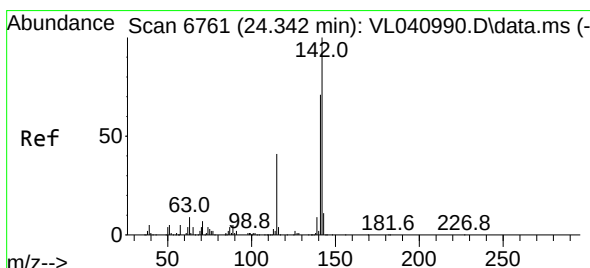
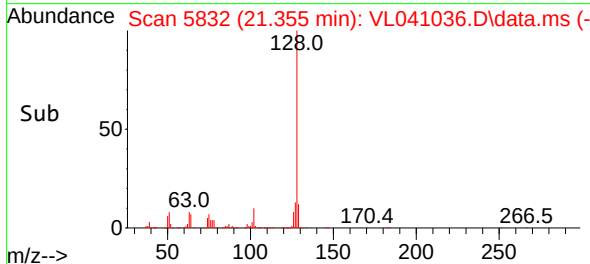
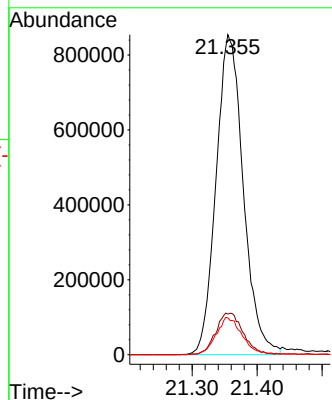
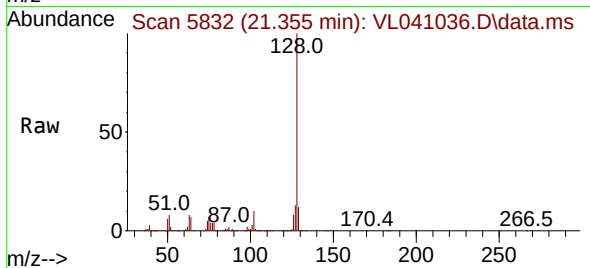
129 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#80

Naphthalene,2-methyl-

Concen: 12.564 ppbv

RT: 24.352 min Scan# 6764

Delta R.T. 0.000 min

Lab File: VL041036.D

Acq: 7 Feb 2024 11:57

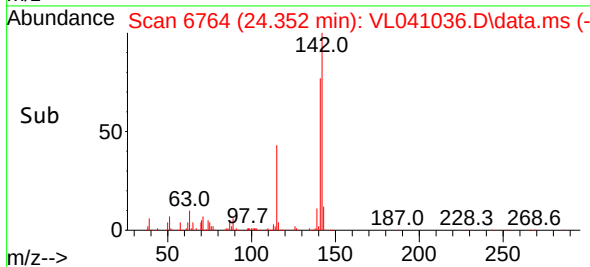
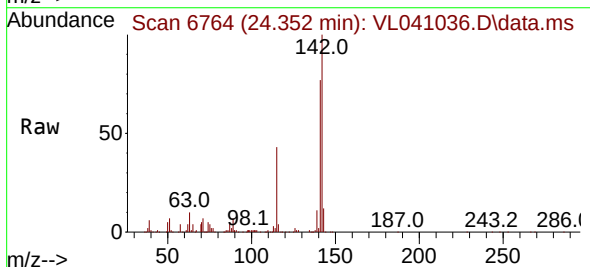
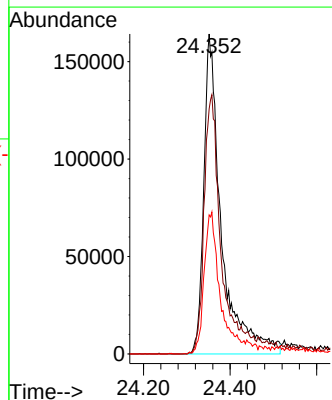
Tgt Ion:142 Resp: 464376

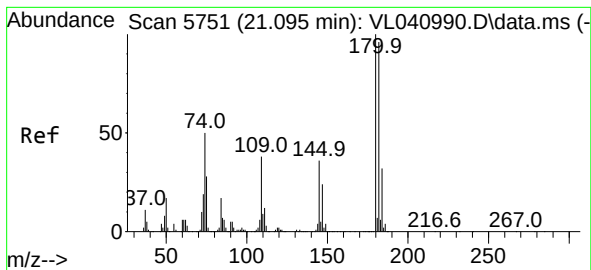
Ion Ratio Lower Upper

142 100

141 83.3 62.7 94.1

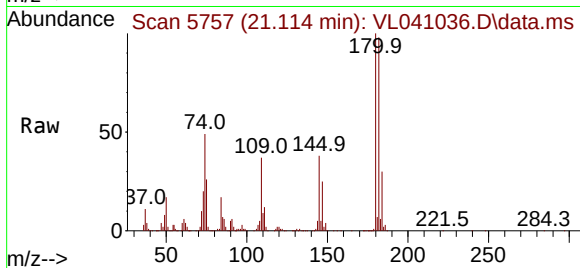
115 42.8 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.934 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041036.D
 Acq: 7 Feb 2024 11:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0207ABS01



Tgt Ion:180 Resp: 1219730
 Ion Ratio Lower Upper
 180 100
 182 98.0 78.6 118.0
 184 31.1 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

